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THE MONTHLY WEATHER REPORT 1964

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THE MONTHLY WEATHER REPORT, 1964

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INTRODUCTION

The *Monthly Weather Report* gives a résumé of observations from stations in the United Kingdom. Particulars of the methods adopted in taking the observations are given in the *Observer's Handbook*.

The isopleths on the maps of pressure in this volume have been extended over the Irish Republic from data kindly supplied by the Director of the Meteorological Service, Dublin.

Information for Previous Years

Monthly summaries of observations made at stations in connection with the Meteorological Office were first published in 1869 in the *Quarterly Weather Report*, a publication issued for each of the years 1869 to 1880. The *Monthly Weather Report* commenced in 1884. The gap is bridged for synoptic stations by a supplement to the Daily Weather Report and for other stations by tables in *Observations at Stations of the Second Order*. A brief history of the development of the *Monthly Weather Report* will be found in the 1915 volume. Most of the changes made in later years are indicated in subsequent volumes. A note on the revision of the *Monthly Weather Report* in 1956 is included in the Introduction to the 1955 volume.

General Arrangement of the Report

The arrangement of each issue of the *Monthly Weather Report* is as follows:

1. General remarks on the development of the weather over the British Isles under a brief heading descriptive of the special characteristics of the month.
2. Table I. Summaries by districts, of air temperature, of earth temperature, of rainfall and of duration of bright sunshine, based on observations at the ' district value ' stations.
3. Table II. Summary of autographic records of wind.
4. A plate of four maps showing:
   (a) The monthly distribution of pressure, based on observations at selected stations at 9 h., together with the average distribution of pressure at 9 h. for the month over the period 1921–1950.
   (b) The distribution of mean temperature at sea level over the land and mean sea temperature in coastal waters.
   (c) The distribution of bright sunshine in hours per day.
   (d) Anomalies of 1 foot earth temperature.
5. A full-page map showing by isohyetal lines the distribution of the month's precipitation. This map is based on data from about 2,500 stations.
6. Table III, giving for individual stations, summaries of extreme and mean air temperatures, of mean earth temperatures at 1 foot and 4 feet, of rainfall and sunshine, and of weather observations. In the case of air temperature, rainfall and sunshine, differences from average or percentages of average are given when available.
7. Table IV, giving summaries of the observations of pressure, temperature, humidity, cloud, visibility and wind, made at fixed hours which are indicated in the table for each station.

Tables III and IV together include the items comprised in the international form of monthly climatological summary, the Form B of the Report of the International Meteorological Committee, 1874; and they give, in addition, information regarding the duration of bright sunshine, mean earth temperature at 1 foot and 4 feet (both from 1906), the number of observations of wind of force 4–5 and 6–7 on the Beaufort Scale (from 1937), of winds of force 1–3 (from 1923), the number of days of fog (from 1906), the number of observations of different degrees of visibility (from 1923), the number of days of air frost (from 1956), the number of days of ground frost (from 1908) and the pressure at mean sea level (from 1912). Dates in brackets indicate the first year of publication of the various tables.

8. Table XIII. Solar radiation and illumination at certain stations.
9. Table VIII. Monthly frequencies of maximum and minimum temperatures at 20 selected stations.
10. Additions and corrections to tables.

The Annual Summary of each volume of the *Monthly Weather Report* includes remarks, maps and tables as above for the year as a whole, and the following additional tables:

11. Table V. Highest and lowest maximum and minimum temperatures during the year at each station.
12. Table VI. Monthly frequencies of duration of bright sunshine at 20 selected stations.
13. Table VII. Frequency of rainfall between given limits during the year at 30 selected stations.
14. Table IX. The annual table corresponding to Table II in the monthly issues.
15. Table X. The number of hours during the year with gusts exceeding (a) 33 kt and (b) 47 kt at each anemograph station.
16. Table XI. Occasions of ' strong gales ' during the year.
17. Table XII. Dates on which gusts of 48 kt or more occurred during the year.

Notes on Tables

Table I. District Values

The District Values of this table are computed from the statistics for selected individual stations set out in Table III.

¶§ The stations used for computing District Values of rainfall and temperature are shown in Table III by the sign ¶ and those used for computing District Values of sunshine by the sign §. A list of these stations and of the stations used in computing the District Values of earth temperature is given on page vi.

The differences from and percentages of average for air temperature, earth temperature, rainfall and sunshine are the means of the corresponding values for the selected stations. The highest and lowest air temperatures for the District

may refer to any station in Table III in 1964 but from January 1965 onwards will refer only to District value stations.

From January 1964 the values for England and Wales, for Scotland and for Northern Ireland have been added to the table, and the table moved to page 1 of the Monthly Reports.

Table II. Summary of Autographic Records of Wind

About half the records used in the preparation of this table are made by pressure-tube anemographs, and at half the stations electrical cup recorders have been brought into use. The classification adopted for the ' Distribution of mean hourly values of wind speed ' is based on the specification of the Beaufort scale of wind force (see *Observer's Handbook*, 1956 ed., page 74). For an anemograph complying with the specification ' head 33 ft. (10 m.) above ground in the open ' the several columns correspond to wind speeds (meaned over an hour) equivalent to Force 8 and above (gales), Forces 6 and 7 (strong winds), Forces 4 and 5 (moderate breezes), Forces 2 and 3 (light breezes), Forces 1 and 0 (nearly calm). Some information as to the nature of the actual exposures is given in the ' Height ' columns. The ' Effective Height ' is an estimate of the height at which an anemometer would record an equal mean velocity in a situation free from obstructions.

The duration in each category is the number of 60-minute periods ended at exact hours G.M.T., in each of which the mean wind velocity was between the stated limits. The ' Highest Hourly Wind ' similarly refers to the mean for a period of 60 minutes ended at an exact hour G.M.T. Under the heading ' Veer from N. ' the direction from which the wind was blowing is stated, the entry for an east wind being 090°, that for a south wind 180°, and so on.

Table III. Summary of Observations at Terminal Hours

Temperature. The terminal hours of observation are given for each station. When the terminal hours for maximum and minimum temperature are stated independently the temperatures refer to intervals of 24 hours. If the maximum thermometer is read at 9 h. the reading is credited to the previous day. When the terminal hours for maximum and minimum are separated by a dash thus, 21–9, the day-maximum for the period 9 h. to 21 h. and the night-minimum for the period 21 h. to 9 h. are reported and are utilised in determining the means for the month; in such cases the day-minimum and night-maximum temperatures are also read by the observers, so that the absolute maximum and minimum temperatures for the month are obtained.

The measurements of air temperature are made in louvered screens over short grass in the open, the bulbs of the thermometers being approximately 4 feet above ground. At *Kew Observatory*, the thermometers are 10 feet above ground in a louvered screen on the north wall.

Commencing January 1965 the highest and lowest temperatures recorded in each district will be underlined.

Measurements of earth temperature are obtained from thermometers hung vertically in steel tubes sunk in the ground, the bulb of the thermometer being at the appropriate depth.

Rainfall. The daily amounts are for the 24 hours beginning at 9 h. G.M.T. ' Rainfall ' includes all forms of precipitation. The number of days of precipitation is counted with reference to the limit ·01 inch or 0·2 mm., and also with reference to the limit ·04 inch or 1 mm. The lower limit excludes ' Traces ' of precipitation, very occasionally it is passed when the precipitation is only in the form of dew.

Weather. The number of days of Precipitation, Snow or Sleet, Hail, Ice or Snow Pellets, etc., Thunder heard and Gale are counted irrespective of the hour at which the phenomena occur. Except for ' Precipitation ' the day is the period midnight to midnight G.M.T.

For the purpose of this summary ' Hail ', which includes Soft Hail, is defined as small balls or pieces of ice, with diameter from 5 mm. upwards, falling either separately or agglomerated into irregular lumps. ' Ice or Snow Pellets etc. ' include ice pellets and snow pellets up to 5 mm. in diameter and also ice grains and ice needles. ' Snow lying ' refers to occasions when half or more of the ground representative of the station (see *Observer's Handbook*, 1956 ed., page 78) is covered with snow at 9 h. G.M.T. The entry of ' fog ' implies that regular observations of the range of vision are made. Days of fog are those on which the range of vision is less than 1,100 yards at 9 h. G.M.T. Any variability of the observation hour may exercise an important effect upon the statistics of fog frequency. ' Gale ' is a wind of Force 8 or upwards on the Beaufort scale. An ' air frost ' is entered when the screen minimum temperature, read either at the terminal hour of 9 h. or 21 h., fell below 0·0°C.

Sunshine. The sunshine recorder is generally insensitive to sunshine when the sun is at an altitude of less than 3°.

Where the symbol ' S ' occurs it indicates that obstacles obstruct the sun's rays during more than 5 per cent of the period when it is over 3° above the horizon.

Table IV. Summary of Observations at Fixed Hours

From January 1945 the hours of observation were changed at certain stations from 0, 6, 12, 18 to 3, 9, 15, 21. From that date departures from the average pressure at 9 h. have been given.

Mean Air Pressure is expressed in millibars (1 millibar = 1,000 dynes per square centimetre = the pressure due to ·0295300 inch of mercury at 0°C. and standard gravity 980·665 cm/sec.^{2}). The corrections for gravity, temperature and height have been applied to the barometer readings so as to obtain pressure at mean sea level.

Humidity. The values given depend on the readings of the dry- and wet-bulb thermometers in louvered screens (see above). The observations are reduced by Hygrometric Tables, based on a formula of Regnault, issued by the Office and revised in 1961. At most stations the daily values of relative humidity and vapour pressure are found and the monthly means are computed therefrom. These stations are indicated by the letter ' H '. At the remaining stations the means of relative humidity and vapour pressure are derived from the monthly means of the dry-bulb and wet-bulb readings.

Cloud Amount. The proportion of sky covered with cloud is estimated on the scale 0 to 8, the entry ' 0 ' being equivalent to clear sky, ' 8 ' to overcast; ' 9 ' refers to ' sky obscured or cloud amount cannot be estimated '.

Visibility. The ranges, specified by international arrangement in metres, are given at the head of the table in yards and miles.

Wind Summaries. At stations where there are anemographs the mean speed over the 10 minutes ending at the hour (corrected to a height of 33 feet) is used; at other stations the frequencies are estimates, at the time of observation, of wind force on the Beaufort scale.

Table XIII. Solar Radiation and Illumination

The instruments used for the radiation records are Moll-Gorczynski solarimeters. Meteorological Office pattern bimetallic actinographs may be used as standby instruments for recording total radiation. Illumination is measured by recording illuminometers (with photocells) of Kew Mk III or Mk V pattern.

If in any month the records for any days are incomplete, owing to instrumental or other faults, the average daily value for complete days is taken, but if there are seven or more incomplete days in the month, the daily mean for that month is not published: when it is possible that either of the extreme values for the month occurred on an incomplete day then no value for that extreme is given.

The daily means for the year are computed from the monthly means. When it is possible that either of the extreme values for the year occurred on an incomplete day then no value for that extreme is given.

From January 1, 1957, the radiation values were measured in accordance with the International Pyrheliometric Scale (1956).

It is sometimes found advisable to apply revised calibration constants retrospectively; the figures published in Table XIII are therefore liable to correction. A review of all data published is being carried out and any necessary amendments will be issued as they become available.

Heights of Stations Above Mean Sea Level

The ' height of station above mean sea level ' given in Table III refers to the height above Ordnance Datum of the ground on which the rain-gauge stands, while the ' height of barometer above mean sea level ' given in Table IV refers to the height above Ordnance Datum of the barometer cistern. A note on the errors arising from differences between the old Liverpool Ordnance Datum and the Newlyn Ordnance Datum adopted in Great Britain in 1933 was included in the Introduction for 1953. From January 1, 1964, altitudes in Northern Ireland refer to the Belfast Datum. On the average the Belfast Datum is about 1 foot lower than the Newlyn Datum.

High Level Stations

The following procedure will be adopted with effect from January 1965.

1. Extremes in Table I will refer to District value stations only. An appropriate footnote will be added to the table.
2. 'All-station extremes ' will be given in the text, the next ' best ' being quoted as necessary.
3. The highest and lowest temperatures recorded in each district will be underlined in Table III.

Averages

Rainfall (*Table III*). The averages refer to the period 1916–1950 and are ' weighted ' if the record is not complete for that period. The averages of rainfall are given in M.O. 635.

Pressure (*Table IV*). The averages refer to 9 h. G.M.T. for period 1921–1950 and have been ' weighted ' where necessary.

Temperature and Sunshine (*Table III*). The averages refer to the period 1931–1960 and are given in the following publications:

(1.) Averages of Temperature for Great Britain and Northern Ireland, 1931–1960 (M.O. 735).
(2.) Averages of Bright Sunshine for Great Britain and Northern Ireland, 1931–1960 (M.O. 743).

Earth Temperatures 1 *foot and* 4 *feet*. The averages refer to the period 1921–1950 (M.O. 665).

Standards of Time

All time entries in the *Monthly Weather Report* are in Greenwich Mean Time. British Summer Time was in force from March 22 to October 25; during this period clocks were one hour in advance of Greenwich Mean Time. At all other times clocks referred to Greenwich Mean Time. Observations at all stations were made at the same hours by Greenwich Mean Time throughout the year.

Interpolated Values

When the observations for any station for a month are incomplete and relevant data (e.g. records from neighbouring stations) which make it practicable to estimate approximate values for the missing observations are available, such approximate values may be used for completing summaries for stations published in Tables III and IV. Parts of a summary obtained in this way are shown in brackets thus: (11·3).

Sea Temperature

Mean sea-surface temperatures for the months of the year 1964 are shown by figures within circles on the temperature maps in the monthly issues of the Report. In general the values are derived from readings of ships under way, or from light vessels, certain of which send returns of sea temperature to the Meteorological Office.

Additional Records Available for 1964

Some additional records for 1964 were received which are not summarised in the *Monthly Weather Report*. These include monthly climatological summaries for certain hours additional to those summarised in Table IV and, for certain stations, hourly tabulations of wind force and direction, rainfall duration and amount and duration of sunshine. The records for Scottish stations are available at the Meteorological Office, Edinburgh; those for stations in England and Wales at the Meteorological Office, Met. O. 3, Bracknell, Berks., and those for stations in Northern Ireland at the Meteorological Office, Belfast.

District Value Stations, 1964

The following are the stations, summaries from which are used for the computation of the district values of temperature, rainfall, earth temperature and sunshine given in Table 1; except for rainfall in Northern Ireland which is based on the 11 stations published in *British Rainfall.**

TR, Temperature and Rainfall: E1, Earth Temperature at 1 foot; E4, Earth Temperature at 4 feet; S, Sunshine

Dist.	Station	Element
0	Fortrose	TR – – S
	Lerwick Observatory ..	TR – – S
	Onich	TR – – S
	Stornoway ..	TR – – S
	Wick	TR – – S
1	Craibstone ..	TR – – S
	Dundee	TR – – S
	Edinburgh ..	TR – – S
	Marchmont ..	TR – – S
	Nairn	TR – – S
	Arbroath ..	– – – S
6	Dumfries ..	TR E1 E4 S
	Eskdalemuir ..	TR – – S
	Kilmarnock ..	– E1 E4 –
	Paisley	– E1 E4 –
	Renfrew	TR – – S
	Rothesay ..	TR – – S
	Stirling	– E1 E4 –
	Tiree	TR – – S
2	Cockle Park ..	TR – – S
	Cranwell ..	TR – – S
	Durham	TR E1 E4 S
	Hull	– E1 E4 –
	Scarborough ..	TR – – S
	York	TR E1 E4 S
3	Cambridge ..	TR E1 E4 S
	Gorleston ..	TR E1 E4 S
	Rothamsted ..	TR E1 E4 S
	Shoeburyness ..	TR – – S
	Sprowston ..	TR – – S
	Woburn	– E1 E4 –
4	Birmingham ..	TR – – S
	Bradford ..	TR E1 E4 –
	Buxton	– E1 E4 –
	Huddersfield ..	– – – S
	Nottingham ..	TR – – S
	Oxford	TR E1 E4 S
	Raunds	– E1 E4 –
	Ross-on-Wye ..	TR E1 E4 S
5	East Malling ..	TR – – S
	Hastings	TR E1 E4 S
	Kew Observatory	TR E1 E4 S
	Margate	– E1 E4 –
	Porton	TR – – S
	Southampton ..	TR – – S
	Wisley	– E1 E4 –
7	Bidston	TR – – S
	Nelson	– E1 E4 –
	Llandudno ..	TR – – S
	Manchester Airport ..	TR – – S
	Newton Rigg ..	TR – – S
	Stonyhurst ..	TR – – S
	Wrexham ..	– E1 E4 –
8	Long Ashton ..	TR – – S
	Cardiff	TR E1 E4 S
	Falmouth ..	TR – – S
	Ilfracombe ..	– E1 E4 –
	Plymouth ..	– E1 E4 –
	Llandrindod Wells	TR – – S
	Swansea	– E1 E4 –
	Teignmouth ..	TR – – S
	NORTHERN IRELAND	
	Aldergrove ..	T – – S
	Armagh	T – – S
	Ballykelly ..	T – – S
	Moneydig ..	T – – –
	Hillsborough ..	– – – S
	Castle Archdale Forest	T – – S

Monthly Weather Report. List of Stations

A complete list of climatological stations in Tables III and IV and of anemograph stations in Table II was published in 1963. Amendments to that list are published below. Stations which send in monthly returns of observations, but which are not published in the Report, are printed in italics.

In the tables of the *Monthly Weather Report* the stations are arranged in districts and counties; but in the following list the alphabetical order is adopted. The latitude and longitude of each station to the nearest minute are given (National Grid References can be supplied if required) and a column indicating the type of station has been added, according to the following scheme.

Observatories (O). These stations maintain continuous records of all meteorological elements and are staffed by Meteorological Office personnel.

Synoptic Stations. The observations from these stations are primarily used in preparing synoptic charts for weather forecasting, but climatological returns are also made. They are of two types:

(Sa) Stations manned by Meteorological Office personnel.

(Sb) Auxiliary stations manned by coastguards, lighthouse keepers etc.

Climatological Stations (C). These stations contribute observations made daily at 9 h. (G.M.T.) (and at certain stations at other times also) of temperature (wet and dry bulb), wind, cloud amount and weather, with the daily maximum and minimum temperature, the daily rainfall and remarks on the weather. Observations of visibility and records of sunshine are commonly made at these stations as well.

Agricultural Meteorological Stations (Ag). These are climatological stations participating in a scheme inaugurated by the Ministry of Agriculture, Fisheries and Food, and the Department of Agriculture for Scotland in co-operation with the Meteorological Office.

Health Resort Stations (H). These are climatological stations co-operating with the Meteorological Office under a health resort scheme. They make observations at 6 p.m. clock time (and in some cases at 9 a.m. clock time in addition when this differs from 9 h. G.M.T.) which are reported to the Meteorological Office by telegram for communication to the national press.

Anemograph Stations (A) provide summaries of wind speed and direction which are published in Table II of the *Monthly Weather Report.*

Sunshine Stations (Sun). Some stations report sunshine only, usually for special reasons of situation.

*Meteorological Office; British Rainfall, London

Amendments to List of Stations making Returns

The following changes should be made in the list published in the Introduction to the 1963 volume.

1. Additions or alterations.

Station	Type	County	Lat.		Long.		Authority
			°	′	°	′	
Aldenham	C	Hertford	51	40N	00	20W	D. H. Robertson
Balerno	C	Midlothian	55	52N	03	21W	The Rt. Hon. Lord Balerno
Bracknell (Easthampstead)	Sun	Berkshire	51	23N	00	47W	Meteorological Office
Brigg	C	Lincoln	53	34N	00	29W	R. Williamson
Broom's Barn	Ag	Suffolk	52	16N	00	34E	Dr. R. Hull
Caistor	C	Lincoln	53	30N	00	20W	Cherry Valley Farms Ltd.
Coryton	A	Essex	51	30N	00	31E	Mobile Oil Co. Ltd.
Ely Lodge	Sb	Fermanagh	54	24N	07	42W	Lord Robert Grosvenor
Exmouth	H	Devon	50	36N	03	24W	East Devon Water Board
Killough	Sb	Down	54	14N	05	37W	Board of Trade
Kilnsea	A	Yorks., E.R.	53	37N	00	09E	Board of Trade
Little Rissington	Sa	Gloucester	51	52N	01	42W	Meteorological Office
Milford Haven	A	Pembroke	51	42N	05	03W	The Harbour Master
Montrose	C	Angus	56	43N	02	28W	Sunnyside Royal Hospital
Orielton	C	Pembroke	51	39N	04	57W	Field Studies Council
Penketh	C	Lancashire	53	23N	02	40W	Greystone Heath School
Prestwick Airport	A	Ayr	55	30N	04	35W	Meteorological Office
Rodney Stoke	C	Somerset	51	15N	02	43W	The Nature Conservancy
Trawsfynydd	A	Merioneth	52	47N	04	03W	Central Electricity Generating Board
Yeovilton	Sa	Somerset	51	00N	02	38W	Commanding Officer, R.N.A.S.
York (Hesslington)	C	Yorks., N.R.	53	57N	01	02W	Archbishop Holgate's Grammar School

London (Kingsway) becomes London (High Holborn) in January, 1965

2. Deletions. Bangor, Bellingham, *Dore*, Haydon Bridge, Middleton St. George, Seaford, Spurn Head, Tunbridge Wells, Woolhampton, York.

Changes in the Number of Stations Published in 1964

The following lists give stations published during 1964 in addition to those published in the 1963 reports and stations deleted in 1964 from the 1963 list of published stations.

1. *Stations published in* 1964 *but not in* 1963. Aldeburgh, Avonmouth, Binbrook, Black Mountain, Cairngorm, Camp Reservoir, Carrigans, Castle Archdale Forest, Clatteringshaws, Coire Cas Shieling, Coltishall, Colwyn Bay, Coventry, Craighouse, Credenhill, Dunblane, East Hoathly, Glenanne, Greenmount, Helen's Bay, Killough, Kilroot, Lisnafillan, Monkswood, Nottingham T.C., Pickering, Shin, Walton-on-Naze, West Freugh, Whitchester, Woolhampton.

2. *Stations published in* 1963 *but not in* 1964. Barrow, Bath, Bolton, Darwen, Dover R.M.S., Fylingdales Moor, Grantown-on-Spey, Haslemere, Manchester (Smokeless Zone), Milford Haven, Ponteland, Trawsfynydd, Wealdstone, West Kirby Park.

Table I. District Values: Additions and Corrections (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest max.	Lowest min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
1964			Difference from Average						Percentage of average	
January England and Wales										89
February 6. Scotland W.						+0·6	+0·4			
March 2. England N.E.								+5		
7. England N.W.									130	55
8. England S.W.						—0·2	—0·3			
June 3. England E.										76
7. England N.W.				+0·1	—0·9					
8. England S.W.						0·0				
England and Wales				+0·1	—0·6					74
July 8. England S.W.						+0·4			67	
August 6. Scotland W.						—0·1	—0·4			
8. England S.W.					—0·6		+0·5			109

Table I. District Values: Corrections

1964 Northern Ireland	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.
Difference from Average Min.	+1·3	+0·6	—0·7	+0·6	+1·5	—0·6	+0·1	—0·6	+0·1	—1·2	—0·3
Difference from Average Mean	+1·3	+0·4	—1·0	+0·5	+1·3	—0·7	0·0	—0·5	+0·2	—0·9	+0·3

Table III. Additions and Corrections

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A max.	B min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Max.	Date	Min.	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather (Number of days): Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9 h.	Hail	Ice or snow pellets, etc.	Thunder heard	Fog at 9 h.	Air Frost	Grass min. below 0°C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.		in.													hr.	
1963																														
April	Aberystwyth	99	12											3·96				20	16											
May	Strachan	99	395							−1·7	24																			
June	Blaenau Ffestiniog	99	750											7·14				20	16											
July	Onecote	99	1350	16·1																										
August	St. Helier	99	28											3·13	139	1·00	3													
	East Grinstead	99	240	18·9																										
	Llyn Stwlan	99	1656	12·4																										
	Corwen	99	473	16·2																										
	Lincoln	99	22											3·12																
September	Monkswood	99	103	13·7																										
October	Greenwich	99	24					21·7	12																					
	Newton Abbott	99	272	14·8																										
November	Littlehampton	99	15	12·5																										
	Corwen	99	473	9·3		6·2																								
	Swyddffynnon	99	540	10·8																										
	Starcross	99	29	12·7																										
	Elmstone	99	28																							—				
	Deal	21–9	18		8·8	10·5																								
	Somerset Forest	99	140																						1					
	Roscor	99	470																							4	11			
December	Oaken	99	409	4·9	−0·8	2·1	—	9·4	30	−9·4	24	3·6	—	·42	—	·16	30	6	4	—	—	—	—	—	—	15	26	—	—	—
	Corwen	99	473	4·8																										
	Hawkridge	99	1030	4·2		2·0																								
	Birmingham	99	450	4·9																										
	Winfrith	99	85	6·2	−0·5																									
	Roscor	99	470																	1	0									
Annual Summary 1963	Oaken	99	409	12·0	3·8	7·9	—	26·7		−17·8		8·6	—	21·93	—	·86	29·3	152	111	—	—	—	—	—	—	88	—	—	—	—
	Lincoln	99	22											21·22																
	St. Helier	99	28											28·92	96	1·15	1·9													
	Onecote	99	1350	8·7																										
	Belper	99	203	12·3																										

Table III. Corrections to Daily Mean Sunshine for Wealdstone

Station	Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Wealdstone ..	1962											1·08	1·85	3·97
	1963	1·66	2·42	2·83	4·23	6·47	6·44	6·06	4·30	4·10	2·47	1·64	1·54	3·69

Table III. Corrections to Difference from Average Air Temperature at Moneydig

Station	Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Moneydig	1963	—3·9	—4·6	+0·3	0·0	—0·9	+0·5	—0·9	—1·0	—0·5	+0·8	0·0	—1·7	—0·9
	1964	+1·4	+0·7	—0·9	+0·7	+1·3	—0·6	+0·1	—0·4	+0·1	—0·9	+0·5	—0·8	+0·2

Table III. Additions and Corrections

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A max.	B min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Max.	Date	Min.	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather (Number of days): Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9 h.	Hail	Ice or snow pellets, etc.	Thunder heard	Fog at 9 h.	Air Frost†	Grass min. below 0°C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.		in.													hr.	
1964 February	Chesterfield	99	298	7·0	0·9	3·9	—	13·3	27	−8·3	21	—	—	1·09	—	·42	23	12	9	5	4	0	0	1	8	13	—	0	—	—
	Oaken	99	409	6·8	0·4	3·6	—	12·2	25, 27	−6·1	21	3·4	—	1·22	—	·30	23	7	6	—	—	—	—	—	—	11	24	—	—	—
	Hempsted	99	39	7·2	2·2	4·7	—	13·3	24	−5·6	6	5·2	6·7	·87	—	·22	27	9	5	3	0	0	0	0	3	7	11	0	1·83	—
	Newton Rigg	99	560	6·2	0·8	3·5	+0·6	11·1	27,28,29	−7·2	20	2·9	—	1·13	46	·25	17	15	7	—	6	—	—	—	0	12	15	—	2·10	90S
	Llandudno	99	12	7·7	3·6	5·7	+0·4	13·9	25	−2·8	6, 20	—	—	·32	15	·14	21	8	3	2	0	1	0	0	0	3	—	0	2·37	94
	Swyddffynnon	99	540	7·3	1·2	4·3	—	12·2	25	−7·8	6, 7	—	—	·98	—	·22	3	11	7	—	0	—	—	—	0	12	19	—	1·99	—
	Gulval	99	50	9·1	4·3	6·7	+0·2	12·8	23	−1·1	7	—	—	2·65	80	·81	21	15	10	—	0	—	—	—	0	1	8	—	2·60	92
	Kilroot	99	71	7·4	2·9	5·1	—	12·2	2	−1·7	8	—	—	·82	—	·22	22	9	5	—	—	—	—	—	0	3	10	—	—	—
	Warsop	99	150																									0		
	Rustington	99	10																									—		
	Letcombe Regis..	99	350	7·3	1·5	4·4																								
	Cannington	99	95	8·6	2·3	5·3	—																							
	Lislap Forest	99	685											1·74	—	·45	22	11	11											
	Durham	99	236																										2·08	86
	Lizard	99	240																						—					
	Bwlchgwyn	99	1267											(1·37)	—	·25	23	15	11											
	Tredegar	99	1028											(3·29)	—	·75	23	15	12											
	Urswick	99	130																									2		
	Filey	99	122																	1	—									
March	Prestatyn	99	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Chesterfield	99	298	6·0	0·7	3·3	—							4·57	—	1·33	14	18	13											
	Gulval	99	50																										2·91	71
	Lizard	99	240																								—			
	Alderney	99	288																						2					
	Plymouth Hoe	99	119																										2·83	65
	West Lavington	99	305																							5				
	Grizedale	99	300															12	10											
	Wrexham	99	275																		2									
	Lyme Regis	99	200																	5										
	Winchester	99	122										7·2																	
	Knutsford	99	212																										—	—S
	Shaftesbury	99	680											3·25	152	·60	18								1					
	Paignton	99	8																										2·39	60
	Rannoch	99	720	5·4																										
April	Letcombe Regis	99	350	12·4	4·6	8·5	—	19·4	27	−1·7	6	—	—	2·86	—	·40	21	17	12	—	—	—	—	—	—	2	—	—	—	—
	Redcar	99	25																										4·69	—
	Luton	99	379																								—			
	Cromer	99	178											2·48	133	·44	3	16	11											
June	Wrexham	99	275											2·12	—	·50	1	15	12											
	Blaenau Ffestiniog	99	750	15·6	8·8	12·2	—	22·8	12	4·4	2	—	—	(3·44)	—	(·58)	(9)	(16)	(14)	0	0	0	0	0	—	0	—	0	—	—S
	Luton	99	379																						0				5·48	83
	Knutsford	99	212																											
	Winchester	99	122											3·27	177	·89	13	13	8											
	Newton Rigg	99	560	15·6	8·8	12·2	−1·0																							
	Cambridge N.I.A.B.	99	85																										(5·02)	(75)
	Haverfordwest	99	131											(3·33)	143	·57	3	(16)	(12)											
	Pershore	21–9	114	18·4	10·2	14·3	—	24·1	26	3·8	20																			
	Huddersfield Oakes	21–9	762											2·84	126	·45	2	19	13											
	Poole	99	18																										5·31	70
	Cardiff	99	202	18·0	10·6	14·3	−0·7	23·9	26	5·6	20																			

Table III. Additions and Corrections

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A max.	B min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Max.	Date	Min.	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather (Number of days): Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9 h.	Hail	Ice or snow pellets, etc.	Thunder heard	Fog at 9 h.	Air Frost†	Grass min. below 0°C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.		in.													hr.	
1964 July	Millport	99	16	16·3	11·6	13·9	—	21·7	18	8·9	4, 6, 9	—	—	3·21	95	·95	7	20	12	0	0	0	0	0	0	0	—	0	—	—
	Coatbridge	99	256	18·0	10·8	14·4	—	21·1	20, 22	5·6	6	—	—	1·17	—	·38	7	14	8	0	0	0	0	0	0	0	—	0	—	—
	Point of Ayre	21–9	30	18·2	11·7	14·9	—	22·2	24	8·9	20	—	—	—	—	—	—	—	—	0	0	0	0	0	0	0	—	0	5·49	—
	Oaken	99	409	20·3	10·9	15·6	—	24·5	17	6·7	4, 6	15·9	—	1·64	—	·44	7	10	10	0	—	—	—	—	—	0	—	—	—	—
	Hempsted	99	39	21·3	12·0	16·7	—	25·6	17	6·1	4	17·7	14·3	·82	—	·25	7	11	7	0	0	0	0	1	1	0	0	0	5·45	—
	Ilfracombe	99	25	18·1	13·9	16·0	−0·3	20·6	17	10·0	13	18·6	16·2	2·99	100	1·31	14	11	9	0	0	0	0	0	0	0	0	0	6·08	95
	Gulval	99	50	19·4	13·1	16·3	+0·1	24·4	23	8·3	13	—	—	2·65	101	1·33	14	10	8	0	0	—	—	—	0	0	0	—	6·66	102
	Cockle Park	99	326																					1					5·25	100
	Luton	99	79	21·4	12·0	16·7	+0·2	26·1	25	6·7	6																			
	Warsop	99	150	20·9	10·0	15·5	—	25·0	30	2·8	6	—	—	1·39	63	·25	26	12	10											
	Bromley	99	213	22·5	13·3	17·9	+0·4	27·2	25, 26	9·5	1																			
	Haverfordwest	99	131	18·7	11·9	15·3	−0·2	23·9	17	5·6	13	—	—	3·72	100	·97	11	8	6											
	Exeter Southam	99	160											·54	—	·21	9	7	4											
	Shaftesbury	99	680											·97	36	·37	7	10	6											
	Wrexham	99	275											3·09	—	1·58	18	18	12											
	Newport (Mon.)	99	75											3·45	103	1·11	21	14	8											
	Trawscoed	99	200											3·90	94	1·20	11	14	10											
	Porthcawl	99	19	19·7	13·4	16·5	—	23·3	1, 2	7·2	13																			
	Ceinws	99	200	19·2	10·7	14·9	—	22·8	16, 22	1·1	4																			
	Swyddffynnon	99	540											5·02	—	1·17	17	15	10											
	Poole	99	18																						0				7·30	106
	Paignton	99	8																											
	Cairngorm	99	3575	9·9	4·6	7·3	—	15·6	30	−0·6	4																			
August	Oaken	99	409	20·1	10·1	15·1	—	27·2	26	3·3	31	15·5	—	1·91	—	·35	17	9	9	—	—	—	—	—	—	0	—	—	—	—
	Lyonshall	99	510	20·4	10·2	15·3	−0·1	27·8	26	3·3	31	—	—	1·77	—	·53	10	11	6	—	—	—	—	—	—	0	5	—	—	—
	Hempsted	99	39	21·0	11·2	16·1	—	26·1	5, 26	3·3	30	16·9	15·3	·97	—	·38	6	11	6	0	0	0	0	1	1	0	0	0	5·88	—
	Ilfracombe	99	25	18·8	13·8	16·3	−0·4	25·0	25	8·9	30, 31	18·1	16·8	2·19	70	·42	7	14	9	0	0	0	0	0	0	0	0	1	6·73	108
	Luton	99	379	21·2	10·9	16·1	−0·2	30·0	26	5·6	9, 31	15·8	13·9	·62	27	·22	17	12	5	—	0	—	—	—	1	0	—	—	6·85	121
	Bath	99	388	20·4	11·4	15·9	—	27·2	26	5·0	30	16·9	—	·81	—	·24	6	7	5	0	0	0	0	0	0	0	—	0	6·33	—
	Cannington	99	95	21·2	12·1	16·7	—	27·2	5	5·0	20, 30	17·1	—	1·39	49	·42	7, 17	7	7	—	—	—	—	—	0	0	—	—	6·91	111
	Credenhill	99	246															10	4											
	East Grinstead	99	440	21·0	10·9	15·9	—																							
	Christchurch	99	9	21·0	11·7	16·3	—	26·1	2, 3	3·3	23																			
	Lacock	99	160	20·9	11·2	15·5	—	27·8	26	−0·6	20	—	—	·76	—	·18	9	9	7										5·22	110
	Newton Rigg	99	560	17·9	9·6	13·7	−0·6	21·1	4	2·2	20, 31													1						
	Kielder Castle	99	660																											
	Costa	99	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Cairngorm	99	3575	9·7	4·7	7·2	—	16·1	4, 13	(−0·6)	19, 20																			
	Coire Cas Shieling	99	2500	12·3	6·1	9·2	—	18·9	4	1·1	19, 21																			
September	Costa	99	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kinlochewe	99	76	15·7	8·3	12·0	—																							
October	Baltasound	99	78	10·3	5·7	8·0	—	13·3	1, 2	−3·3	25	8·8	—	4·54	95	1·10	11	21	13	3	0	0	2	0	0	2	—	0	1·49	—
	Costa	99	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Blackbridge	99	690	—	—	—	—	—	—	—	—	—	—	2·64	—	·62	22	19	14	—	—	—	—	—	—	—	—	—	—	—
	Dinnet	99	580	11·6	3·2	7·4	—	17·2	5	−5·0	10	8·6	—	1·12	—	·26	22	15	12	—	1	—	—	—	0	3	15	—	2·47	—
	Callander	99	230	11·3	3·6	7·5	—	16·1	17	−1·7	21	—	—	3·07	—	·90	6	14	11	—	0	—	—	—	1	2	13	—	—	—
	Cupar	99	82	12·1	3·9	8·0	—	16·7	19	−1·1	12	9·1	—	1·52	—	·24	6	14	9	0	0	0	0	0	1	3	9	0	—	—
	Bush House	99	605	11·1	4·0	7·5	—	16·7	5	−1·1	10,15,29	8·7	10·4	3·55	—	1·13	6	15	10	0	0	0	0	0	0	4	12	0	2·09	—
	Tobermory	99	270	11·6	6·1	8·9	—	15·0	4	1·7	9, 23, 24	—	—	6·14	—	(1·28)	6	20	19	—	—	—	—	—	—	0	6	—	—	—
	Crossmyloof	99	75	12·1	4·7	8·4	—	16·1	1, 3	−1·1	24	—	—	2·11	—	·73	6	15	6	0	0	0	0	0	2	3	5	0	2·51	—
	Coatbridge	99	256	11·6	4·7	8·1	—	16·7	4	−0·6	24	—	—	1·75	—	·52	6	15	8	0	0	0	0	0	0	1	—	0	—	—
	Balmacara	99	2	12·5	6·1	9·3	—	19·4	4	1·1	24	—	—	4·61	—	1·05	6	19	17	—	0	—	—	—	—	0	—	—	—	—
	Kinloss	21–9	15											1·65	—	·25	22	16	13											
November	Costa	99	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Callander	99	230	9·2	2·3	5·7	—	13·3	19	−5·0	11	—	—	4·96	—	(1·20)	14	17	17	—	0	—	—	—	2	9	17	—	—	—
	Achagalachgach	99	40	10·3	4·0	7·1	—	12·8	13,18,20	−2·2	30	—	—	8·19	—	1·49	18	21	19	1	—	6	0	0	0	13	30	0	—	—
	Grizedale	99	300																				1							
	Morecambe	99	24																				1							
	Mackworth	99	293	10·0	3·6	6·8	—	13·9	24, 25	−6·7	30	—	—	1·14	—	·26	17	10	7	1	0	0	0	0	8	6	15	0	—	—
	Sutton Bonington	99	157																										1·71	103
	Pershore Inst. of Hort.	99	130											1·08	—	·31	28	10	7										1·70	—
	Rugby	99	385											1·00	—	·28	30	13	6											
	Medmenham	99	98	11·1	3·1	7·1	—	15·5	8	−7·2	29, 30	—	—	1·41	—	·31	17	10	6	0	—	—	—	—	—	8	18	—	—	—S
	St. James' Park	99	27	11·3	6·1	8·7	+0·7	15·0	18	−2·8	30	—	—	1·38	56	·38	13	11	7	0	—	0	0	0	—	1	6	0	—	—
	Southampton	99	65	12·2	5·9	9·1	+1·3	15·6	18	−2·2	30	9·4	11·8	2·47	68	·77	13	12	18	0	0	0	0	0	0	2	7	0	1·72	79
	Ventnor	99	443	11·5	6·6	9·1	+0·2	14·4	25	0·6	30	9·7	11·4	3·35	85	·69	13	15	13	0	0	0	0	0	0	0	2	0	2·22	86
	Spadeadam	99	900	7·9	2·4	5·1	—	12·8	9	−4·4	30	5·6	7·2	3·24	—	·55	13	19	15	3	1	0	2	0	5	6	15	1	1·95	—
	Urswick	99	130	10·6	4·7	7·7	—	13·9	19	−1·7	30	—	—	2·84	—	·66	13	17	13	0	0	0	2	0	5	3	—	1	—	—
	Kirkham	99	78	10·4	3·7	7·1	—	13·3	1	−6·1	10	—	—	2·38	65	·52	13	15	12	1	0	0	2	0	3	8	13	0	2·40	—
	Burnley	99	655	9·1	3·7	6·4	—	15·0	13	−4·4	30	7·3	8·9	3·47	—	·61	15	17	16	2	0	0	1	0	3	5	14	0	1·86	—
	Nelson	99	540	8·9	4·2	6·5	—	12·9	24	−4·6	30	7·3	9·2	3·71	81	·50	22	16	15	—	0	—	—	—	4	3	10	—	1·64	—S
	Bidston	99	198	10·2	5·6	7·9	+0·7	14·4	13, 24	−0·6	10	—	—	1·91	69	·54	30	12	10	—	—	—	—	—	7	2	3	—	2·01	112
	Goudhurst	99	280	10·7			—	14·4	18	−5·0	30	—	—	2·85	72	·56	15	12	9	0	0	0	0	0	2	8	11	0	—	—
	Derby	99	159	10·5	4·7	7·6	—	15·0	24	−5·5	30																			
	Nottingham T.C.	99	169											1·09	—	·25	3	11	8											
	Birmingham K.E.S.	99	450											1·26				10	8											
	Wellesbourne	99	153																						4				1·67	—

Table IV. Additions and Corrections

Month	Station	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	Number of Observations: 0	1 2	3 to 5	6 7	8	9
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%							
1963 July	London Airport ..	0300	86	1018·0	—	12·5	0·9	13·1	89	4·5						
		0900	86	1018·4	—	16·7	2·6	14·0	74	5·5						
		1500	86	1017·7	—	19·9	4·8	13·4	59	5·9						
		2100	86	1018·0	—	16·2	2·6	13·6	73	5·4						
1964 March	Point of Ayre ..	0900	30													
	Squires Gate	1500	35													
	Valley	0300	36								4	2	5	4	16	0
		0900	36								1	3	5	10	12	0
		1500	36								1	4	3	15	10	0
		2100	36								3	4	7	6	11	0
	Eskdalemuir	1500	778	1015·9												
May	Kirkwall	0900	86													
	Lowther Hill	0300	—	—	—	5·2	0·6	8·1	92	6·5	0	6	2	2	3	18
		0900	—	—	—	7·2	1·0	8·7	88	6·7	1	3	2	4	8	13
		1500	—	—	—	9·3	1·8	9·1	80	6·7	0	1	5	11	5	9
		2100	—	—	—	6·5	0·8	8·6	89	6·6	0	4	3	7	2	15
	Deal	0900	34													
June	Prestwick Airport ..	2100	69		—											
July	Point of Ayre ..	0300	30	1015·0	—	12·6	0·7	13·4	93	5·7	0	2	9	17	3	0
		0900	30	1016·0	—	14·6	1·5	13·8	84	6·0	0	1	9	18	3	0
		1500	30	1016·4	—	16·7	2·3	14·4	76	5·8	0	3	6	18	4	0
		2100	30	1015·8	—	14·1	1·3	13·7	86	5·8	0	2	8	17	4	0
	Kirkwall	0900	86	1009·8	—	12·0	1·1	12·2	87	6·6	0	2	2	18	8	1
	Speke	1500	85							6·0	0	1	10	13	7	0
	Portland Bill	0900	35					15·8	85							
		2100	35					16·0	88							

Station	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 miles	7–12 miles	13–24 miles	25 miles or over	Wind, Number of Observations: Force (0–12) Beaufort Force: 8 or more (Speed in knots: 34 or more)	6 7 (22 to 33)	4 5 (11 to 21)	1 to 3 (1 to 10)	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
London Airport .. 1963 July 0300																							
0900																							
1500																							
2100																							
Point of Ayre .. 1964 March 0900											3	4	17	6	1								
Squires Gate 1500																			7				
Valley 0300	0	0	0	0	0	5	13	10	2	1	0	1	10	17	3	0	10	7	6	3	0	0	2
0900	0	0	0	0	3	3	10	10	4	1	0	3	13	15	0	1	10	10	6	2	0	0	2
1500	0	0	0	0	0	1	9	16	3	2	0	2	18	11	0	2	8	5	3	5	4	2	2
2100	0	0	0	0	0	4	13	11	3	0	0	1	12	17	1	1	10	10	4	2	1	0	2
Eskdalemuir 1500																							
May Kirkwall 0900															1								
Lowther Hill 0300	3	14	1	1	0	1	2	4	4	1	1	12	12	6	0	0	2	6	2	5	6	8	2
0900	0	10	3	0	1	0	7	2	4	4	2	10	14	5	0	0	0	7	2	5	8	8	1
1500	0	8	0	1	0	1	3	4	5	9	4	9	15	3	0	0	0	7	1	5	12	4	2
2100	2	12	1	0	0	0	6	3	3	4	0	7	16	7	1	0	0	8	2	5	8	8	2
Deal 0900														19									
June Prestwick Airport .. 2100											0	0	16	12	2								
July Point of Ayre .. 0300	0	0	0	0	0	0	1	3	27	0	0	2	13	13	3	1	0	1	2	1	9	12	2
0900	0	0	0	0	0	1	1	3	24	2	0	3	19	9	0	1	1	0	7	1	5	14	2
1500	0	0	0	0	0	0	1	4	23	3	0	1	15	15	0	1	1	1	1	5	2	16	4
2100	0	0	0	0	0	0	0	3	21	7	0	1	14	14	2	1	0	0	2	6	8	9	3
Kirkwall 0900	0	0	1	0	0	0	4	4	11	11	1	5	16	8	1	3	1	2	1	7	3	8	5
Speke 1500																							
Portland Bill 0900																							
2100																							

Table IX. Additions and Corrections

Year	Station	Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22–33 knots: No. of days	Duration	11–21 knots: Duration	4–10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N.	Speed	Hour ended at	Highest Gust: Speed	Day and Time
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	deg.	knots	day hr.	knots	day h.m.
1941	Birmingham	643	118	73					1904									
1957	Birmingham	643	118	73							1110							
	Fleetwood	112	50	31			96											
1959	Coryton	66	57	48					1871	5451	1339							
1960	Coryton	66	57	48					2011	5553	1122							
	London Airport ..	115	33	33									8·1					
1961	Coryton	66	57	48						5356	1076							
	Calshot	50	41	33					3590	4329	561							
1962	Coryton	66	57	48					2762	4989	877							
	Calshot	50	41	33		18		439	4270	3518	510	5						
1963	Coryton	66	57	48					1792	5612								

Table XIII. Solar Radiation and Illumination: Additions and Corrections

Station		Total Radiation on a Horizontal Surface milliwatt-hours per square centimetre						Diffuse Radiation on a Horizontal Surface milliwatt-hours per square centimetre						Total Illumination on a Horizontal Surface Kilolux-hours					
		Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
KEW																			
1956	January													117				55·6	
	February																	104·7	28
	March													435	23			244·3	25
	April													569		46		311·0	
	May													796		226		530·6	
	June													761		125		429·1	
	July													868	25				31
	August															146	1		
	October													331				167·5	
	November						30						30	178		11		74·6	30
	December													73				32·7	
	Annual						365						358	868	July 25				350
1957	January													168		19		76·1	
	February	250				112·1								245		36		126·9	
	March	394		60		206·3													
	April	595		91		331·6								356	22	83		211·3	
	May	761		118		434·7								547	29	113	9	320·8	28
	June	766		222		548·5								916	26			480·4	27
	July	585		222		405·9								908		297		668·6	
	August	611		92		342·1													
	September	379				232·9													
	October	306	2			146·0													
	November	188		9		71·8				8	15								
	December	96				48·6													
	Annual	766				244·8							363	916	May 26	8	Dec. 13	271·0	351
1958	March															55		200·8	29
	May							346											
	June															61			
	July									106									
	August													685	2	161	18		
	Annual											—							
1959	June															220		571·4	
	August															189	10		
	September		4, 7							69	27								
	Annual					261·7													
1960	February															14			
	March							182	31										
	September															37			
	October															28	26		
1961	Annual																	—	
1964	September											150·8						401·3	
KINGSWAY																			
1959	January	—	—	—	—	—	—	—	—	—	—	—	—	117	27	8	14	68·8	24
	June	833						429											
	Annual	833				272·7		429						903	July 4	8			
1960	December															—	—	—	
	Annual							—	—			—	330						
1961	May						31						31						
	June													912					
	Annual						365						355	912					
1962	March															33			
	May													730		133		410·1	
	October											—							
	December											—							
	Annual											—	338						
1964	February																16		
ABERPORTH																			
1958	Annual	—	—	—	—	—	—	—	—	—	—	—	—						
1959	January	200	31	22		87·8		130		21		58·5							
	April							340											
1960	February			14															
1962	Annual							420											
1963	July	762	27	197	17	497·7	31	433	8	163	30	293·7	31	—	—	—	—	—	—
1964	April										5	213·4							
ESKDALEMUIR																			
1956	May	—	—																
1960	October															—	—	—	
	November																		12
	Annual															9	Nov. 30		330
1961	September																		27
	Annual																		356
1964	February																	110·9	

TABLE XIII. SOLAR RADIATION AND ILLUMINATION: ADDITIONS AND CORRECTIONS

Station		Total Radiation on a Horizontal Surface milliwatt-hours per square centimetre						Diffuse Radiation on a Horizontal Surface milliwatt-hours per square centimetre						Total Illumination on a Horizontal Surface Kilolux-hours					
		Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
CAMBRIDGE																			
1956	September	—	—	—	—	—	—												
	October							—	—	—	—	—	—						
	November	—	—	—	—	—	—	—	—	—	—	—	—						
	December	—	—	—	—	—	—	—	—	—	—	—	—						
1957	Annual	754				246·9	357	350				142·2	348						
1958	December			—	—					—	—	—							
	Annual	693	July 7	—	—	235·4	342	375	June 26	—	—	148·8	340						
1959	January											—							
	Annual								June 15										
LERWICK																			
1957	September	431																	
1958	May													877		173			
	June													924		245			
	July													948		147		504·9	
	August													799		83		335·5	
	September													538				254·9	
	October													305				121·7	
1959	January													89					
	February													152				75·3	
	March													516				224·7	
	April													644	27	137		372·2	
	May															149			
1960	January													78					
	February													201				94·2	
	March													368				135·5	
	April													461		78		278·9	
	May													811				475·4	
	June													747		195			
	November													112					
	Annual													811					
1961	January													66					
	February																	80·6	
	December																	—	
1962	October															49			
	November	102																	
1963	January	62												73					
	February	213				105·8								205				110·1	
	March													439				154·4	
	Annual															5	Dec. 1	244·4	365
1964	April			71	20					70	20					83	20	311·0	
	May																	430·4	
	October				29														

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12 MAY 1964
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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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January 1964 — *Very dry; mostly quiet.*

Weather was predominantly anticyclonic in character except during the last few days of the month, a westerly cyclonic type becoming established on the 28th.

During the first four days of the month an anticyclone was centred over western Europe and a trough of low pressure to the west of Ireland on the 1st and 2nd moved slowly over Scotland on the 3rd and over northern England on the 4th. Mild south to south-west winds covered the British Isles, and, except for some sunny periods in the south-east on the 1st, weather was dull but generally dry over England. The trough brought rain to Scotland, falls being heavy on the 3rd in the Hebrides.

On the 4th pressure rose generally over the whole country and winds became light and variable. Fog formed widely becoming dense in parts of central and southern England. This was the beginning of a dull, foggy, but mainly dry spell, which lasted about a week.

The anticyclone over the British Isles and western Europe moved northwards towards Scandinavia on the 10th and easterly winds from the continent spread over southern England. Temperature fell sharply, day temperatures in south-east England being near freezing on the 12th and 13th. A feeble trough moving westwards from Europe gave occasional snow and sleet in south-east England on the 11th, and there were considerable falls of snow over southern England on the 12th as a depression moved northwards from France; the snow spread northwards to all districts the next day. It lay up to 12 inches deep locally along the south coast and the South Downs were covered with 6 inches of snow; further north, however, falls were slight.

The snow thawed rapidly on the 14th as milder air with rain and drizzle spread temporarily northward from France. Cold, dry easterly winds returned to most districts the next day bringing generally fine weather with long sunny periods to eastern and central districts on the 16th and 17th.

A deep depression near Iceland brought milder and moister air from the Atlantic to western districts on the 18th with a renewal of drizzle and fog which spread to nearly all districts during the night. By the 21st, the anticyclone over western Europe had moved westwards to cover the British Isles and winds became light and variable. Extensive fog persisted over much of the Midlands for nearly a week; it thickened on most nights and persisted in many industrial areas throughout the day being almost unbroken from south Yorkshire to the Vale of Evesham from the 19th to the 23rd.

The anticyclone over southern England moved southwards on the 27th and a cold front from the Atlantic brought rain, heavy at times, to many western and northern districts. The remainder of the month was mild and unsettled with showers and bright periods on the 28th and 30th and widespread rain on the 29th and 31st.

Pressure and Wind — Mean pressure was everywhere above the 1921-50 average, the excess ranging from 17.2 mb at Eskdalemuir Observatory to 13.7 mb at Scilly. Surface winds were south to south-west at first becoming light and variable on the 6th, mainly easterly on the 10th, veering to east to south-east on the 15th and further to south to south-east on the 18th, after which winds were mainly light and variable until the 25th. Generally westerly winds in the north on the 26th spread to the whole country the next day and persisted for the remainder of the month. Wind reached gale force on 19 days in Scotland and on the 3rd, 15th-17th, 27th, 30th and 31st (7 days) in England and Wales. Gusts of 75 kt. were recorded at Benbecula on the 2nd and at Lowther Hill on the 31st.

Temperature — Mean temperature was below the 1931-60 average in eastern, central and southern England, but above in north-west England, Northern Ireland and Scotland. Day temperatures were generally above average except from the 10th to the 18th, and night frost was moderate to severe around the 14th, 18th and 23rd.

Extremes included: (England and Wales) 13.9°C at Aber on the 2nd, -13.3°C at Caldecott on the 14th; (Scotland) 13.9°C at Inverpolly on the 1st, at Kinlochewe on the 1st and 3rd and at Gordon Castle on the 29th; (Northern Ireland) 13.3°C at Stormont Castle on the 31st, -4.4°C at Knockmany Forest on the 21st and at Baronscourt Forest on the 22nd.

Rainfall — Taking England and Wales as a whole it was the driest January since 1880; it was the driest at Wick since 1898 and at Hampstead since 1914. At Ross-on-Wye only in 1896, 1898 and 1950 was there less rain during January. Rainfall was less than 25 per cent of the 1916-50 average over central, southern and south-west England (except Cornwall), South Wales, the Cheshire Plain and the coastal areas of south Lincolnshire and Norfolk.

Thunder was heard on 3 days in Scotland and on the 28th at a few places in England and Wales.

Snow or sleet fell on 13 days in Scotland low ground being snow-covered on the 14th, 15th and 30th. In England and Wales snow fell at one place or another from 10th to 20th and was widespread on the 13th and 14th. On these two days it lay 2-4 in. deep over much of the Midlands and eastern England; the greatest depth reported was 9½ in. at Huddersfield Oakes on the 14th.

Sunshine — Amounts were above the average in parts of east and north Scotland and in parts of northern England. In England and Wales percentages ranged from 171 at Huddersfield to 41 at Sidmouth. It was the dullest January at Worthing since 1912.

Fog — Fog was observed at 09 h at one place or another in Scotland on 26 days and every day in England and Wales except the 28th and 30th. It occurred on more than 10 days at a large number of stations; Tredegar had fog on 18 days. The foggiest periods were from the 4th until the 9th and from the 18th until the 23rd.

Miscellaneous Phenomena — The aurora was visible in Scotland on 4 nights.

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General.

DISTRICT VALUES AND WIND SUMMARY, January 1964

TABLE I—DISTRICT VALUES— January 1964 **(1908, revised 1928, 1941, 1956 and 1964)**

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						*% of Average*	
0 SCOTLAND, N.	13.9	-11.1	+1.9	+2.0	+1.9	-	-	-6	51	96
1 SCOTLAND, E.	13.9	-10.6	+1.6	+1.4	+1.5	-	-	-5	39	108
2 ENGLAND, N.E.	13.3	-10.0	+0.2	+0.1	+0.1	-0.3	-0.3	-8	32	119
3 ENGLAND, E.	11.7	-12.2	-1.2	-0.9	-1.1	-1.1	-1.0	-8	29	85
4 MIDLANDS	12.7	-13.3	-0.4	0.0	-0.3	-0.8	-0.7	-7	27	98
5 ENGLAND, S.E.	11.8	-12.4	-0.9	-0.2	-0.6	-0.9	-0.9	-8	30	63
6 SCOTLAND, W.	12.2	-8.3	+1.0	+1.5	+1.3	+0.7	+0.3	-8	40	91
7 ENGLAND, N.W. and N. Wales	13.9	-8.3	+0.3	+0.5	+0.4	-0.6	-0.4	-10	32	111
8 ENGLAND, S.W. and S. Wales	13.3	-8.9	-0.8	+0.2	-0.3	-0.5	-0.7	-11	18	60
N. IRELAND	13.3	-4.4	+1.3	+1.1	+1.2	-	-	-7	47	62
SCOTLAND	-	-	+1.5	+1.6	+1.6	-	-	-6	43	98
ENG. and WALES	-	-	-0.5	-0.1	-0.3	-	-	-9	29	90

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— January 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22 to 33 knots: No. of days	Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Speed	Hour ended at		Highest Gust: Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h m
	SCOTLAND																			
0 Zetland	Lerwick Observatory	304	33	33	3,20,21,23,29,31	17	19	174	331	181	41	0	15.9	250	45	20	15	65	20	1415
Orkney	Kirkwall	134	50	33	31	1	12	93	394	230	26	0	13.7	250	37	31	24	60	31	2215
Caithness	Dounreay	110	39	30																
Sutherland	Shin	78	33	33	31	1	4	7	168	189	379	0	6.0	260	35	31	24	66	31	2325
Ross &	Stornoway (Coastguard)	120	40	36	1-3,7,8,20,31	64	23	233	351	48	48	0	19.7	190	52	2	11	72	2	1030
Cromarty	Duirinish	125	65	55	*															
Inverness	Benbecula	69	51	35	1-3,18,20,30,31	66	23	277	301	43	57	0	20.3	170	51	2	24	75	2	2315
1 Moray	Lossiemouth	101	80	60	-	0	4	12	236	338	157	1	8.3	200	26	2	02	50	2	0120
Aberdeen	Dyce	225	40	40	-	0	3	9	178	277	280	0	6.7	190	27	2	15	39	2	1340
Angus	Auchterhouse ...	822	62	50	31	1	6	17	251	357	118	0	9.3	250	34	31	24	55	31	2310
	Bell Rock Lighthouse	126	131	124	2,3,31	15	17	150	370	154	55	0	15.3	210	44	2	14	55	31	2325
Perth	Rannoch	1006	56	57	3,31	5	12	87	332	126	175	19	11.7	270	40	31	24	64	31	2215
Fife	Leuchars	78	40	40	2	1	7	56	254	344	89	0	10.4	200	34	2	08	57	31	2055
Midlothian	Turnhouse	137	40	33	31	2	7	39	292	246	165	0	10.3	250	35	31	22	51	31	2000
	Edinburgh, Blackford Hill	496	50	34	1-3,31	16	14	99	272	198	111	48	12.7	180	48	1	24	73	1	2310
6a Argyll	Tiree	89	60	47	1-3,18,31	51	19	230	314	120	29	0	18.4	170	40	2	23	58	31	2325
Bute	Millport	50	34	34	31	3	7	47	290	243	161	0	10.3	260	39	31	23	50	31	1710
Renfrew	Paisley	188	81	31	-	0	5	35	116	334	259	0	7.0	180	31	2	23	61	31	2230
	Renfrew	71	41	39	-	0	5	27	198	303	216	0	7.7	270	29	31	23	49	31	2355
Lanark	Lowther Hill ...	2412	43	33	1-3,12,13,28-31	63	21	185	400	91	5	0	19.0	280	52	31	24	75	31	2230
Ayr	Prestwick Airport ...	68	33	33	-	0	3	12	258	389	85	0	9.5	260	24	30	02	45	30	0700
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	3	10	119	316	299	0	6.0	200	26	2	17	48	31	1550
Wigtown	West Freugh ...	81	33	33	-	0	8	42	263	314	125	0	10.0	200	31	2	01	46	2	0005
	ENGLAND and WALES																			
6b Isle of Man	Ronaldsway	119	64	39	1,2,15,16,30	16	15	200	250	230	48	0	15.4	190	39	2	14	53	2	1820
	Point of Ayre ...	64	33	33	-	0	14	126	379	207	32	0	14.4	260	33	30	09	47	2	0955
2 Durham	Durham	389	53	33	-	0	2	15	174	406	149	0	7.9	260	25	30	05	49	30	0345
	South Shields ...	73	57	44	-	0	4	10	235	406	93	0	8.7	260	26	31	24	50	31	2355
Lincoln	Cranwell	268	47	47	-	0	2	13	169	488	74	0	8.5	280	26	31	20	44	31	1910
3 Norfolk	Gorleston	45	33	33	*															
Suffolk	Mildenhall	98	83	60	-	0	1	4	121	467	152	0	6.8	280	24	30	13	40	30	1300
Bedford	Bedford	327	42	30	-	0	1	5	121	442	133	43	7.2	260	23	30	15	38	30	1020
	Cardington	278	133	133	-	0	2	16	257	375	96	0	9.1	260	27	30	14	39	30	1335
Hertford	Garston	307	50	33	-	0	0	0	35	457	252	0	4.6	270	18	30	13	32	30	1335
	Rothamsted	461	41	33	-	0	0	0	55	434	221	34	5.2	280	16	30	13	35	30	1255
Essex	Stansted ...	358	31	31	-	0	0	0	114	452	178	0	6.4	280	20	30	13	30	30	1320
	Coryton	66	57	48	-	0	0	0	65	487	160	32	6.0	290	18	30	13	37	30	1520
	Shoeburyness ...	118	106	91	-	0	6	23	297	368	56	0	10.4	280	26	30	14	45	28	1405
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	37	264	436	7	3.7	280	17	31	17	38	31	1635
Warwick	Edgbaston	643	118	73	-	0	0	0	34	548	162	0	5.3	280	17	30	07	39	30	0605
	Elmdon	362	30	31	-	0	2	4	152	425	163	0	7.0	280	24	30	13	43	30	1215
Buckingham	Amersham	500	50	50	-	0	0	0	36	497	211	0	5.3	260	14	30	13	40	30	0615
Stafford	Keele	706	50	33	-	0	0	0	158	315	271	0	6.2	050	18	13	04	45	30	1055
Gloucester	Avonmouth	92	61	33	*															
5 London	Kingsway	208	143	41	-	0	0	0	82	473	189	0	6.2	220	20	30	15	39	30	1505
Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	3	93	410	238	0	6.2	280	23	30	14	34	30	1455
	Hampton	139	101	100	-	0	0	0	61	313	370	0	4.3	290	20	30	12	36	30	1140
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	128	391	225	0	6.0	290	18	30	12	36	30	1140
	Gatwick	232	38	33	-	0	0	0	57	309	378	0	4.5	310	18	30	11	36	28	0640
Kent	Isle of Grain ...	48	40	33	-	0	0	0	72	358	287	27	4.7	100	18	11	10	32	30	1145
	Dover	68	38	62	-	0	1	1	184	370	189	0	7.1	200	22	28	08	36	28	0745
Sussex	Thorney Island ...	75	65	42	-	0	0	0	88	261	395	0	4.6	290	20	31	17	36	28	0550
Hampshire	Hurn	86	53	46	-	0	1	2	141	419	182	0	6.7	300	23	30	13	35	30	1410
	Calshot	50	41	33	-	0	1	1	272	404	67	0	9.3	280	22	31	18	33	31	1725
	S. Farnborough ...	316	69	35	-	0	0	0	59	322	363	0	4.6	310	16	30	11	(25	18	0530)
Berkshire	Abingdon	295	40	40	‡															
Wiltshire	Larkhill	491	51	36	-	0	2	2	172	275	295	0	6.3	270	23	31	15	42	31	1455
	Boscombe Down ...	425	55	55	-	0	1	2	148	269	325	0	5.8	290	22	30	15	43	28	0450
	Porton	406	44	44	-	0	0	0	158	253	333	0	5.8	080	20	15	22	43	28	0450
7a Cumberland	Carlisle	137	42	30	-	0	4	11	154	407	172	0	7.2	230	28	31	22	45	31	2220
	Sellafield	83	39	35	-	0	3	18	152	377	124	33	8.5	300	27	30	04	41	30	0320
	Spadeadam	959	51	40	-	0	6	21	342	295	83	3	10.6	240	30	31	23	55	30	0125
Westmorland	Great Dun Fell ...	2812	33	33	1,2,27-31	49	20	175	376	78	12	54	19.1	260	48	31	24	70	31	2345
	Moor House ...	1960	50	45	30,31	7	17	147	360	166	40	24	15.7	260	40	31	20	55	31	2105
Lancashire	Squires Gate ...	88	55	35	-	0	10	47	333	261	103	0	11.2	290	27	30	07	43	30	0430
	Southport	59	41	33	-	0	3	20	171	323	230	0	7.5	290	28	30	09	44	30	0735
	Fleetwood	112	50	31	§															
	Speke	84	41	33	-	0	2	9	203	369	163	0	8.1	280	27	30	04	53	30	0425
	Manchester W/Centre	268	147	55	-	0	1	1	135	383	225	0	6.5	270	24	31	23	56	31	2215
Cheshire	Bidston Observatory	262	64	39	-	0	4	38	279	339	88	0	-	260	29	31	13	57	30	0310
	Ringway	261	33	33	-	0	4	8	179	328	229	0	7.1	060	23	13	07	46	30	0455
7b Anglesey	Valley	86	53	40	3,27	2	13	156	309	230	47	0	13.8	190	35	27	20	48	30	0225
8a Cardigan	Aberporth	483	41	41	31	1	14	134	347	207	55	0	13.7	260	34	31	11	49	30	0115
Pembroke	Brawdy	432	68	45	-	0	10	96	269	263	116	0	11.4	180	28	2	12	48	30	0210
Glamorgan	Port Talbot	91	40	35	-	0	4	17	237	307	183	0	8.2	300	26	30	06	46	30	0510
	Rhoose	257	37	32	-	0	5	25	241	336	142	0	8.9	260	29	30	04	47	30	0355
8b Dorset	Portland Bill ...	190	155	155	-	0	11	86	222	289	147	0	10.7	060	31	16	08	50	28	0450
Devon	Plymouth Hoe ...	191	88	65	-	0	2	3	229	331	181	0	8.1	-	24	2	01	42	16	0020
Cornwall	St. Mary's, Scilly ...	230	65	57	16,31	4	17	208	389	116	27	0	17.0	290	35	31	10	48	16	1250
	The Lizard	315	75	60	15-17,31	27	15	180	374	146	13	4	16.7	100	40	16	07	53	16	0440
	NORTHERN IRELAND																			
9 Londonderry	Ballykelly	56	50	35	-	0	10	45	245	208	246	0	8.8	260	33	31	24	52	31	2310
Antrim	Aldergrove	263	33	33	-	0	7	60	288	309	87	0	10.8	180	32	2	24	47	30	0530
Fermanagh	Castle Archdale ...	263	43	43	-	0	6	25	169	298	232	0	7.9	260	30	31	23	52	29	2315
	CHANNEL ISLES																			
	Jersey Airport ...	359	86	50	-	0	3	16	275	388	65	0	9.5	300	25	30	10	50	28	0655

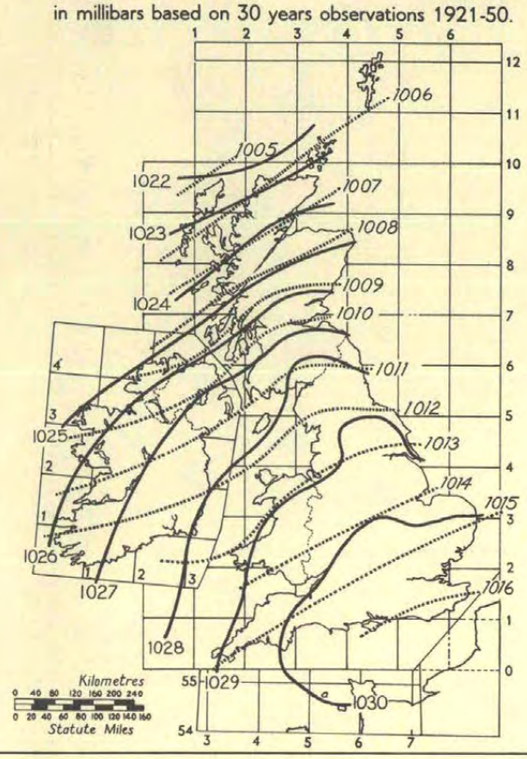
† Record ceased ‡ Incomplete record * Defective record

§ Anemograph out of order

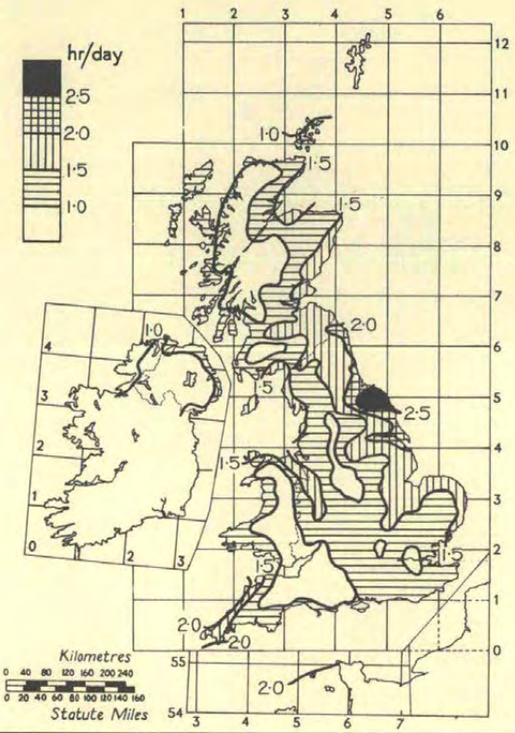
MONTHLY WEATHER CHARTS JANUARY 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



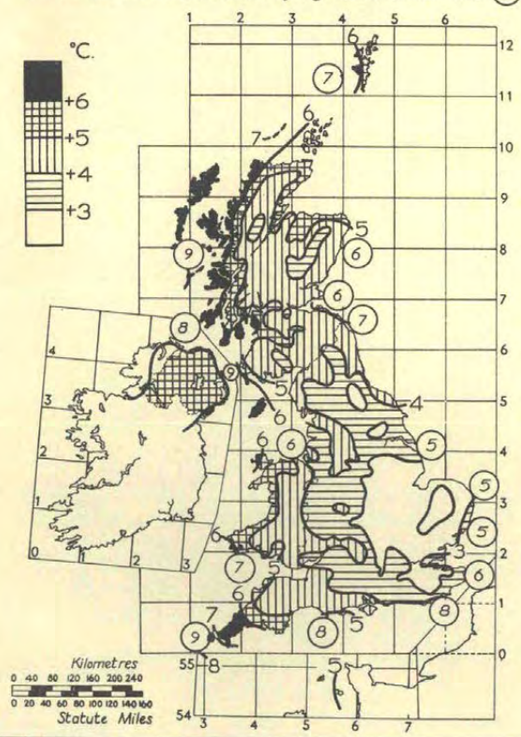
BRIGHT SUNSHINE



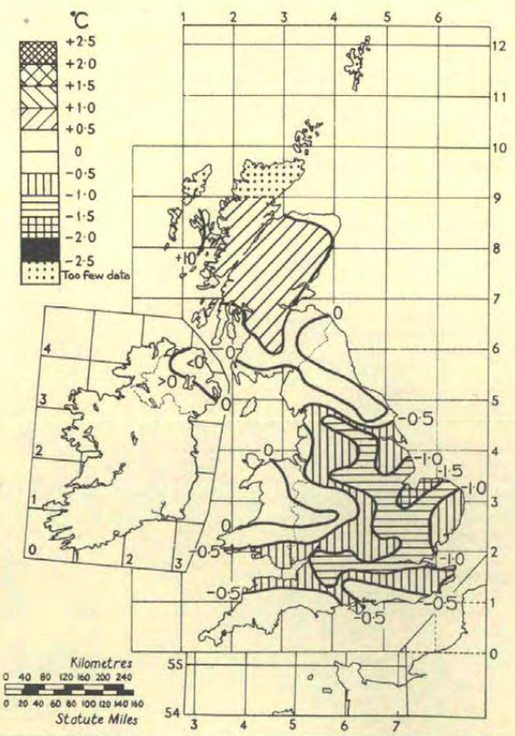
MEAN AIR TEMPERATURE

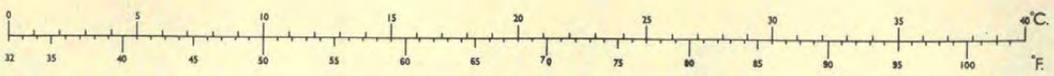
Reduced to sea level by a correction of 1°C. for 500 ft.

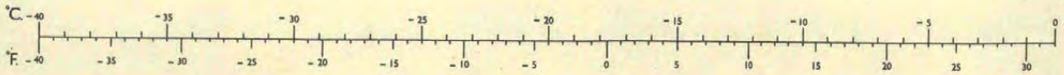
Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE







RAINFALL
JANUARY
1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

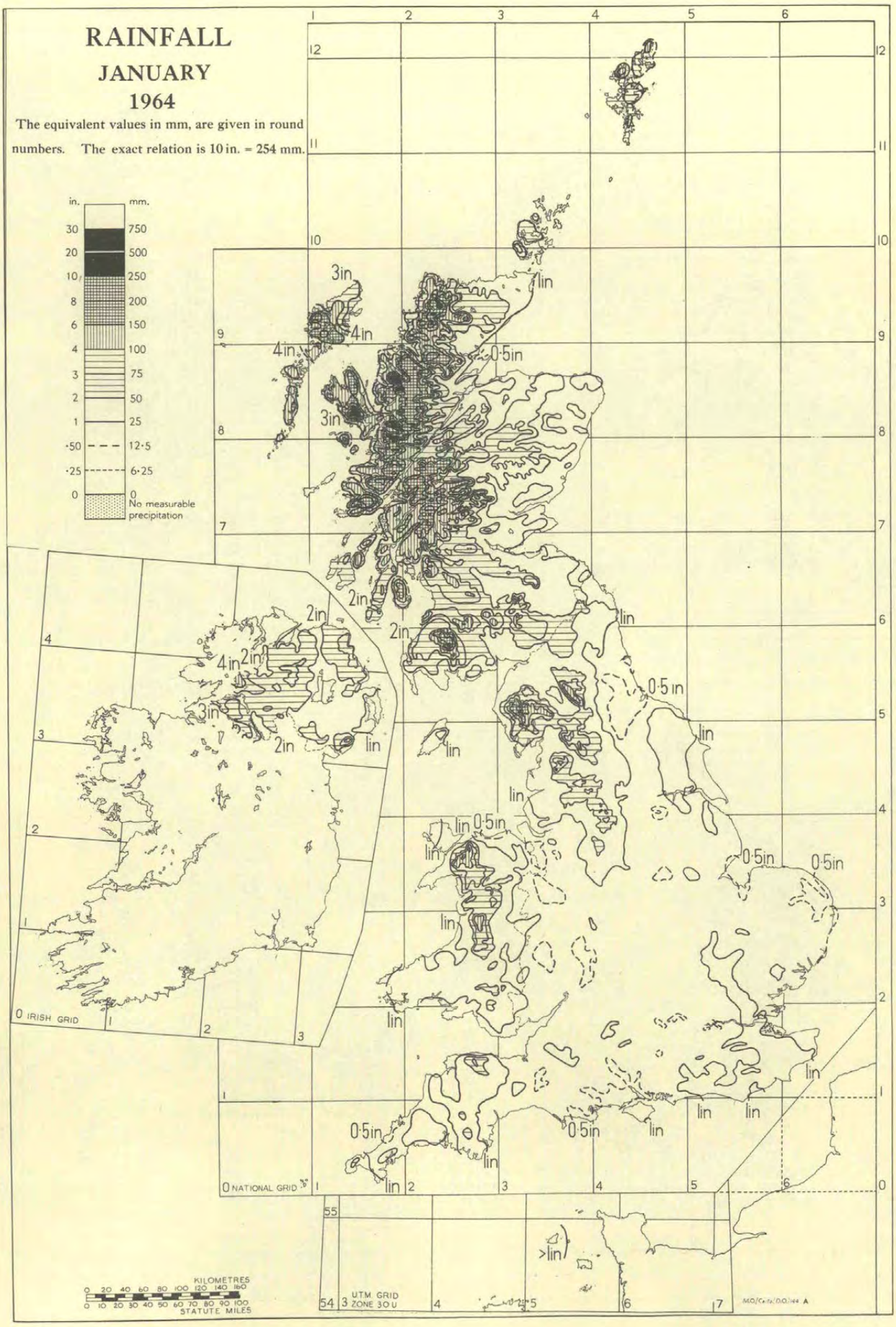


TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																													
Zetland	Hamnavoe ...	9 9	70	7.4	4.6	6.1	-	9.4	2	1.1	1,13,24	-	-	2.79	-	.87	31	21	17	3	0	0	0	0	0	0	-	6	0.73	-
	Lerwick Obs'y. ¶§	21-9	269	7.0	3.7	5.3	+2.2	8.8	3	-0.3	24	-	-	2.91	57	.83	31	20	15	7	0	1	4	0	2	4	10	8	0.80	100
	Baltasound ...	9 9	78	7.2	2.6	4.9	-	9.4	10	-2.2	16	5.2	-	4.08	83	.75	31	25	16	6	0	1	0	1	0	4	-	5	0.58	-
Orkney	Sule Skerry ...	9 9	43	8.1	6.0	7.1	-	11.0	2	1.9	13	-	-	2.87	-	.75	2	19	16	0	0	0	1	0	0	0	3	3	-	-
	Stenness ...	9 9	75	7.7	3.4	5.5	-	10.6	2	-1.1	5,6	4.8	-	2.04	-	.41	31	19	12	4	0	1	1	1	0	3	9	4	.98	-
	Costa	9 9	115	7.6	3.8	5.7	-	10.6	2	1.1	18	-	-	2.22	-	.39	26	16	12	1	0	2	3	1	0	0	4	3	0.97	-
	Kirkwall ...	21-9	84	7.3	3.8	5.5	-	11.0	2	0.5	6	-	-	1.93	45	.47	31	16	11	5	0	2	0	1	0	0	6	1	1.10	100
Caithness	Dounreay ...	9 9	70	8.1	2.2	5.1	-	11.7	2	-2.2	6	-	-	1.58	-	.39	31	20	11	0	0	0	1	1	0	4	14	1	-	-
	Wick ... ¶§	21-9	119	7.2	3.0	5.1	+1.7	11.0	2,29	-2.0	5	-	-	1.13	39	.48	31	13	11	2	0	0	2	0	0	4	11	0	1.47	103
Sutherland	Cape Wrath ...	21-9	367	7.9	4.3	6.1	+1.5	12.5	2	1.0	13	-	-	2.91	58	.51	31	17	15	1	0	3	0	1	1	0	2	7	-	-
	Achany ...	9 9	280	6.7	-0.3	3.2	-	12.8	2	-7.8	6	2.7	4.6	2.45	53	.55	31	20	15	5	1	0	0	0	0	12	26	0	-	-
	Strathy	9 9	120	7.9	2.2	5.1	+2.4	12.2	2	-2.8	6	-	-	1.81	41	.45	31	17	10	4	0	0	1	1	0	7	-	0	1.10	112 S
Ross & Cromarty	Stornoway ¶§	21-9	11	8.5	4.5	6.5	+2.2	12.0	2	-3.6	16	-	-	2.33	56	.37	29	20	13	1	0	2	1	0	0	4	5	4	1.17	104
	Balmacara ...	9 9	2	8.6	3.9	6.3	-	12.2	1,2	0.0	5,12	-	-	3.81	-	1.04	2	19	16	-	0	-	-	-	-	0	-	-	-	-
	Poolewe ...	9 9	20	8.7	4.3	6.5	-	12.8	1,2,3	0.6	16	-	-	4.55	-	1.04	28	15	15	-	-	-	-	-	0	0	8	-	0.82	- S
	Inverpolly ...	9 9	45	8.4	3.6	6.0	-	13.9	1	-1.1	5,16,17	5.6	-	2.83	-	.58	31	17	13	1	0	0	2	0	-	5	12	2	0.79	- S
	Achnashellach ...	9 9	220	7.0	1.8	4.4	+1.6	13.3	2	-3.9	16	-	-	8.14	91	1.72	31	21	16	0	0	0	0	0	0	8	-	0	-	-
	Kinlochewe ...	9 9	76	8.5	2.4	5.5	-	13.9	1,3	-3.9	16,17	4.7	-	5.04	-	.93	31	19	15	0	0	0	2	2	0	8	14	1	0.63	- S
	Blackbridge ...	9 9	690	7.0	-0.3	3.3	-	11.7	2	-11.1	18	-	-	2.34	-	.69	31	22	12	4	-	0	0	0	0	13	18	0	1.08	-
	Fortrose ... ¶§	9 9	15	7.7	3.1	5.4	+1.7	11.7	2,29	-1.1	17	-	-	1.21	54	.30	29	10	8	-	0	-	-	-	0	3	-	-	1.43	92
	Tarbatness ...	21-9	60	6.9	3.1	5.0	-	12.0	29	-3.0	6	-	-	.64	-	.23	31	10	6	3	0	0	0	0	0	3	-	0	-	-
Inverness	Benbecula ...	21-9	19	8.3	5.2	6.7	+2.0	11.0	2	-1.3	5	-	-	3.77	80	1.60	2	17	12	0	0	1	0	0	0	1	5	7	1.14	-
	Isle of Rhum ...	9 9	15	8.7	4.4	6.5	-	11.7	1,2	-1.1	5	5.6	7.1	5.88	-	1.20	27	20	16	0	0	2	2	0	0	1	17	7	-	-
	Prabost	9 9	220	7.9	3.7	5.8	-	11.1	2	-0.6	17	-	-	4.79	-	.99	2	23	15	1	0	0	4	0	0	1	13	5	1.38	-
	Duntulm ...	9 9	294	8.1	4.1	6.1	+1.7	11.1	1,2	0.6	16	-	-	3.47	59	.78	2	20	16	0	0	2	0	1	0	0	8	4	1.11	102 S
	Oban ... ¶§	9 9	48	7.7	3.2	5.5	+1.9	12.2	1	-2.8	6	-	-	4.76	49	.79	31	19	14	1	0	0	0	0	0	4	15	0	0.80	82 S
	Fort William ...	9 9	27	7.6	1.8	4.7	-	12.8	2	-7.2	17	4.2	5.1	2.55	-	.47	30	19	12	2	0	0	1	1	2	8	14	3	0.87	- S
	Fort Augustus ...	9 9	70	7.2	1.2	4.2	+1.6	11.7	1,2	-7.2	17	-	-	2.12	-	.46	31	18	11	0	0	0	0	0	2	9	-	2	1.14	- S
	Cannich	9 9	350	6.9	-1.2	2.9	-	11.7	2,31	-11.1	17,18	-	-	2.40	41	.50	31	16	13	2	0	0	0	0	0	15	24	1	-	-
	Inverness ...	9 9	13	8.3	1.1	4.7	-	12.8	29	-7.8	17	-	-	1.27	-	.34	29	10	6	-	0	-	-	-	0	8	20	-	1.39	-
	Coire Cas Shieling	9 9	2500	4.9	-0.3	2.3	-	9.4	8,17	-3.9	6,24	-	-	1.46	-	.31	27	13	12	7	13	0	0	0	2	17	-	4	-	- S
	Cairngorm ...	9 9	3575	2.1	-2.7	-0.3	-	7.2	18	-7.2	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
	Achnagoichan ...	9 9	1000	6.2	-0.4	2.9	-	10.6	2	-6.7	6	2.8	-	.88	-	.25	3	9	7	5	-	0	0	0	-	16	24	2	-	-
	Glenmore Lodge	9 9	1120	6.4	-1.0	2.7	-	11.5	3	-8.2	17	-	-	.93	-	.23	3	10	7	5	6	0	0	0	1	20	27	0	1.06	- S
1	SCOTLAND, E.																													
Nairn	Nairn ... ¶§	9 9	20	7.7	0.8	4.3	+1.2	12.8	2,29	-7.8	6	-	-	1.00	50	.26	31	13	8	0	0	0	0	0	0	10	17	0	1.82	114
Moray	Forres	9 9	155	7.9	1.7	4.8	-	12.2	2,29	-3.3	17	3.3	4.7	.79	43	.34	31	11	6	2	0	0	0	0	0	6	9	0	1.88	108
	Kinloss	21-9	15	7.9	2.1	5.0	-	12.9	2	-6.5	17	3.5	-	.91	-	.37	31	12	6	2	0	0	2	0	0	9	16	2	1.67	-
	Elgin	9 9	92	8.6	2.3	5.5	-	13.3	29	-3.3	17	-	-	.77	-	.32	31	13	7	2	0	0	0	0	0	6	12	0	2.10	-
	Lossiemouth ...	9 9	21	8.1	0.6	4.3	+1.5	12.8	2	-7.2	17	-	-	.69	-	.32	31	12	7	2	0	1	1	0	0	12	22	0	-	-
	Gordon Castle ...	9 9	104	8.3	2.5	5.4	+2.3	13.9	29	-2.2	17	-	-	.83	35	.24	30	12	9	0	0	0	0	0	-	3	-	0	1.59	110
Banff	Banff	9 9	80	7.6	2.6	5.1	-	11.1	3	-2.2	6	-	-	1.10	-	.29	31	13	10	1	0	0	0	0	0	2	-	0	1.04	-
Aberdeen	Braemar ...	9 9	1113	5.6	-1.1	2.3	+1.7	9.4	29,31	-10.0	17	-	-	1.30	32	.16	3	15	10	-	2	-	-	-	0	17	-	-	1.09	- S
	Balmoral ...	9 9	927	5.9	-1.7	2.1	+1.5	10.0	29,31	-10.6	17	-	-	.99	29	.17	4	16	8	4	1	0	0	0	-	18	29	0	-	-
	Dinnet	9 9	580	7.3	0.2	3.7	-	11.7	29	-6.1	6	2.8	-	.88	-	.21	4	14	8	-	0	-	-	-	0	12	26	-	-	-
	Huntly	9 9	405	6.9	1.3	4.1	-	12.4	29	-6.4	6	-	-	.83	-	.24	31	11	9	2	0	0	0	0	0	6	14	0	-	-
	Fyvie Castle ...	9 9	218	6.5	-1.1	2.7	-	11.7	29	-7.8	6	-	-	.94	-	.20	31	12	8	2	0	0	0	0	-	21	-	0	1.55	- S
	Craibstone ¶§	9 9	300	7.2	1.8	4.5	+2.0	11.1	29,31	-2.8	6	3.4	4.6	.79	26	.18	31	14	6	2	0	0	0	0	0	2	15	0	1.80	100
	Dyce	21-9	190	6.7	1.3	4.0	+1.6	11.4	31	-6.5	6	-	-	.80	25	.21	31	12	7	1	0	1	1	0	1	9	22	0	1.68	-
	Aberdeen ...	9 9	170	7.1	1.4	4.3	-	11.7	31	-4.4	6	-	-	1.06	37	.22	4,31	14	10						0	6	21		1.80	110 S
	Hilton	9 9	230	7.3	2.3	4.8	-	11.7	31	-1.1	6	3.2	-	.93	-	.26	4	11	8	1	0	1	1	0	2	2	25	0	-	-
	Udny	9 9	352	6.8	1.2	4.0	-	10.6	31	-3.3	6,7	-	-	1.11	-	.20	31	14	9	2	0	0	0	0	0	5	21	0	1.80	-
	Rattray Head ...	21-9	85	6.7	3.1	4.9	+1.8	10.7	29	-1.0	6	-	-	1.07	43	.17	4,27	14	10	0	0	2	0	0	0	1	-	1	1.49	-
Kincardine	Fettercairn ...	9 9	560	6.3	0.7	3.5	-	11.7	31	-3.9	6	-	-	1.02	-	.24	13	13	6	2	1	0	0	0	1	11	25	1	1.91	- S
	Strachan ...	9 9	400	7.2	-0.3	3.5	-	12.2	31	-7.2	6	3.4	-	.76	-	.24	4	11	7	3	0	1	0	0	0	15	27	1	1.95	-
	Stonehaven ...	9 9	12	7.1	1.1	4.1	+0.9	11.7	31	-3.3	6	-	-	.98	38	.22	31	15	8	1	0	0	0	0	0	12	-	0	1.67	100 S
	Muchalls ...	9 9	210	7.2	1.9	4.5	-	11.1	31	-1.1	6,7,18	-	-	.86	-	.20	4	11	8	1	0	0	0	0	0	3	18	0	-	-
Angus	Mylnefield ...	9 9	100	6.9	0.8	3.9	-	12.8	31	-5.0	6	2.9	5.1	.72	-	.26	4	12	4	1	0	0	0	0	2	9	22	0	1.15	-
	Auchterhouse ...	9 9	760	5.8	0.1	2.9	-	10.0	29,31	-5.6	18	3.0	4.3	1.20	-	.35	4	15	7	5	1	0	0	0	2	11	26	1	2.09	-
	Dundee ¶	9 9	147	6.9	1.8	4.3	+1.7	10.6	2,31	-2.8	6,17,19	2.8	-	.84	30	.24	4	14	6	1	0	0	0	0	-	7	23	0	1.84	-
	Glamis Castle ...	9 9	200	6.3	-0.1	3.1	-	11.1	29,31	-6.1	18	-	-	1.15	-	.28	4	15	8	1	0	0	0	0	3	12	27	1	-	-
	Whitehillocks ...	9 9	845	6.7	-1.1	2.8	-	10.6	6,29	-7.2	6	-	-	.89	-	.21	27	18	7	4	0	0	1	0	0	17	28	0	-	- S
	Buddon Ness ...	9 9	15	6.6	1.1	3.9	+1.2	10.6	31	-7.8	6,18	-	-	.77	30	.18	4	13	6	1	-	0	0	0	0	7	-	1	-	-
	Carnoustie ...	9 9	29	6.9	1.2	4.1	-	10.6	29,31	-4.4	6	3.3	-	.84	32	.20	4	12	5	1	0	0	0	0	0	9	21	0	1.54	-
	Arbroath §	9 9	95	6.9	1.9	4.4	+1.4	10.6	31	-3.3	6	-	-	.79	35	.20	4	14	4	1	0	0	0	0	1	5	13	0	1.84	103
	Montrose ...	9 9	186	6.6	1.7	4.1	-	11.1	31	-2.8	6	-	-	.80	32	.24	4	13	8	1	0	0	0	0	1	6	21	0	-	-
Perth	Dall	9 9	720	5.9	0.5	3.2	-	10.0	1,2,31	-6.7	17	-	-	2.05	-	.42	30	13	11	3	1	0	0	0	2	11	19	0	-	-
	Strathyre ...	9 9	425	6.9	0.5	3.7	-	11.7	31	-7.8	17,18	3.2	4.3	3.86	-	1.26	27	10	9	1	0	0	0	0	1	12	20	2	-	-
	Callander ...	9 9	230	6.8	0.7	3.7	-	11.1	31	-6.1	18	-	-	3.67	-	1.18	30	8	7	-	0	-	-	-	1	13	17	-	-	-
	Ardtalnaig ...	9 9	427	6.4	1.4	3.9	-	11.1	31	-4.4	17,18	-	-	1.92	-	.66	29	14	9	0	0	1	0	0	2	9	19	2	-	-
	Dunblane ...	9 9	230	-	-	-	-	-	-	-	-	-	-	1.38	-	.28	3	15	8	-	-	-	-	-	-	-	-	-	1.36	- S
	Pitlochry ...	9 9	473	6.2	-0.1	3.1	-	11.7	31	-7.8	6	-	-	1.08	-	.24	29	14	9	1	0	0	0	0	0	11	24	0	0.96	-
	Faskally ...	9 9	310	6.3	0.2	3.3	-	12.2	29	-6.7	6,17,18	2.5	4.4	1.14	-	.29	29	15	8	2	0	0	0	0	1	11	22	0	-	-
	Dunning ...	9 9	250	6.5	0.5	3.5	-	11.7	31	-6.1	17,18	-	-	1.31	-	.25	27	16	9	-	-	-	-	-	0	9	25	-	1.44	- S
	Perth	9 9	77	6.7	0.5	3.6	+1.2	11.7	31	-5.6	17	-	-	.93	31	.28	4	14	6	0	0	0	0	0	2	10	18	0	1.30	98
	Inveralmond ...	9 9	26	6.9	0.0	3.5	-	12.8	2	-6.7	17	-	-	.81	-	.24	4	13	5	0	0	0	0	0	-	13	18	0	-	-
	Blairgowrie ...	9 9	230	6.6	0.2	3.4	-	12.2	31	-6.1	6	1.9	-	.85	-	.25	4	14	7	0	-	0	0	0	-	12	21	0	1.58	- S
	Glenshee Lodge	9 9	1100	5.5	-0.7	2.4	-	10.0	31	-8.3	17	1.2	-	1.57	-	.38	27	18	9	5	1	0	0	0	0	18	24	0	-	-
Fife	Pitreavie ...	9 9	130	6.4	2.2	4.3	-	11.0	31	-4.8	6	-	-	1.09	-	.33	4	11	8	2	0	0	0	0	2	7	19	0	-	-
	Ballingry ...	9 9	425	6.2	1.3	3.7	-	10.6	31	-3.3	18	3.3	5.1	1.35	-	.36	27	12	8	3	0	0	0	0	6	10	23	3	1.67	-
	Kirkcaldy ...	9 9	137	6.8	1.2	4.0	+1.0	11.1	31	-5.0	18	-	-	1.11	42	.35	27	10	5	1	0	1	1	0	1	9	23	0	1.29	-
	Cupar	9 9	82	6.8	1.2	4.0	-	11.1	31	-5.0	6,17,18	3.4	-	.81	-	.31	4	10	6	1	0	0	0	0	2	7	19	0	-	-
	Leuchars ...	21-9	35	6.8	1.4	4.1	+1.1	11.5	31	-5.3	17	-	-	.78	32	.28	4	10	4	2	0	0	1	0	1	8	16	2	1.73	95
	St. Andrews ...	9 9	13	7.4	1.7	4.5	+1.5	11.7	30	-4.4	17,18,19	4.0	5.6	.70	26	.28	4	8	4	-	0	-	-	-	1	6	15	-	1.91	108

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Max. Terminal Hours of Observation Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno	9 9	700	6.0	0.2	3.1	-	8.9	1,2	-5.0	20	-	-	1.77	-	.56	4	9	8	-	-	-	-	-	6	11	19	-	1.51	102
	Turnhouse ...	21-9	114	6.8	1.5	4.1	+1.3	11.2	31	-7.4	17	-	-	1.02	42	.47	4	11	7	3	0	0	2	0	2	9	20	1	1.21	-
	Edinburgh—E. Craigs	9 9	200	6.8	1.3	4.1	-	11.1	31	-6.1	17	-	-	1.27	-	.47	4	10	7	1	0	0	1	0	1	9	19	0	1.49	- S
	Davidson's Mains	9 9	200	6.6	1.5	4.1	+1.3	11.1	31	-5.6	17	3.2	-	1.08	-	.52	4	12	7	2	0	0	0	0	1	8	16	1	1.32	- S
	Penicuik	9 9	620	6.6	0.5	3.5	-	10.0	31	-6.1	17	2.7	-	1.98	-	.46	4	12	8	2	0	0	0	0	0	11	24	1	1.47	-
	Bush House ...	9 9	605	6.4	0.7	3.5	-	10.6	31	-6.1	17	2.7	4.0	1.89	-	.47	4	11	9	1	0	0	0	0	1	11	19	0	1.75	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	6.6	2.3	4.5	+1.3	10.6	31	-3.3	17	-	-	1.26	51	.51	4	11	8	1	0	0	0	0	2	7	15	3	1.65	94
	Liberton ...	9 9	200	7.1	1.7	4.4	+1.2	11.1	31	-5.0	17,18	-	-	1.34	-	.55	(4)	10	7	-	-	-	-	-	-	7	11	-	1.62	-
	Royal Bot. Gdns.	9 9	74	7.2	1.3	4.3	+1.3	11.7	31	-5.6	17,18	3.1	-	1.07	-	.47	4	11	7	1	0	0	0	0	5	11	22	0	1.36	96
E. Lothian	Haddington ...	9 9	162	6.9	1.2	4.1	-	11.1	31	-7.2	19	-	-	.89	-	.41	4	9	4	0	0	0	1	0	0	10	22	0	-	- S
	North Berwick ...	9 9	152	7.4	2.6	5.0	+1.7	10.6	29	-1.7	17,18	-	-	.80	38	.25	4	13	4	-	0	-	-	-	0	4	-	-	1.93	150
	Dunbar ...	9 9	75	7.4	2.1	4.7	+1.1	11.7	31	-3.3	18	-	-	.68	-	.28	4	10	4	1	0	0	0	0	0	5	11	0	2.02	112
Berwick	Mertoun ...	9 9	225	6.7	0.7	3.7	-	11.7	31	-7.8	18	-	-	1.21	-	.37	4	12	6	-	-	-	-	-	-	6	20	-	1.95	-
	Lauder	9 9	600	5.9	0.0	2.9	-	10.6	31	-10.6	18	-	-	1.04	-	.23	4,29	12	7	2	0	0	0	0	0	9	23	0	-	-
	Marchmont ¶§	9 9	498	6.1	1.0	3.5	+1.2	10.0	31	-4.4	18	-	-	1.12	39	.29	29	11	10	0	0	0	0	0	0	8	-	1	1.69	119 S
	Whitchester ...	9 9	838	5.8	0.7	3.3	-	10.0	31	-4.4	17	-	-	1.39	-	.37	4	13	9	2	-	0	0	0	-	8	-	0	-	-
	St. Abb's Head ...	9 9	245	6.9	3.8	5.3	-	11.4	31	-2.0	18	-	-	-	-	-	-	-	-	0	0	1	0	0	0	2	4	2	-	-
Peebles	Stanhope Farm	9 9	741	6.1	0.7	3.4	-	10.0	31	-6.1	6,24	-	-	1.97	-	.55	27	15	8	4	0	0	0	0	0	10	20	0	-	-
	Blyth Bridge ...	9 9	830	5.9	0.6	3.3	-	9.4	31	-5.6	6	-	-	1.66	-	.40	29	14	8	3	0	1	0	1	0	10	17	2	1.59	-
	West Linton ...	9 9	800	6.1	0.2	3.1	-	9.4	31	-6.1	6	1.7	4.1	2.14	-	.46	29	15	10	2	0	0	0	1	0	10	15	0	-	-
	Glentress ...	9 9	580	6.7	0.6	3.7	-	10.0	3,31	-6.1	6	-	-	1.47	-	.50	29	11	7	2	0	0	0	0	0	11	-	0	-	-
Selkirk	Bowhill ...	9 9	600	5.9	0.1	3.0	-	10.0	31	-8.3	17,18	-	-	1.50	-	.34	29	14	7	2	0	0	0	1	0	11	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	6.2	0.6	3.4	-	10.0	31	-5.6	18	-	-	1.80	-	.48	27	13	8	-	0	-	-	-	0	11	-	-	-	-
	Sourhope ...	9 9	900	5.7	0.8	3.3	-	9.4	31	-4.4	24	-	-	1.88	-	.65	13	11	10	-	0	-	-	-	0	10	24	-	1.66	-
6a SCOTLAND, W.																														
Argyll	Tiree ... ¶§	21-9	29	8.2	5.5	6.9	+1.6	10.8	31	-0.4	5	-	-	1.97	41	.37	27	19	11	0	0	0	1	0	0	1	5	5	1.06	82
	Rhuvaal	21-9	65	7.9	5.0	6.5	-	11.3	2	1.7	16	-	-	2.46	-	.52	29	16	12	0	0	1	0	0	0	0	3	3	-	-
	Colonsay ...	9 9	87	8.2	3.6	5.9	+1.3	11.1	1,2,3	-1.7	17	-	-	2.63	45	.48	30	18	12	1	-	1	0	1	2	3	-	3	-	-
	Tobermory ...	9 9	270	7.7	3.9	5.8	-	11.1	1,2	0.6	5	-	-	3.23	-	.60	28	13	5	-	-	-	-	-	-	0	4	-	-	-
	Craighouse ...	9 9	10	8.2	4.6	6.4	-	11.1	31	1.7	17	-	-	3.96	-	.79	30	19	12	-	0	-	-	-	0	0	1	-	-	-
	Campbeltown ...	9 9	10	8.6	4.2	6.4	-	12.2	1,3	1.1	5	-	-	1.80	-	.38	3	9	8	1	0	0	0	0	16	0	-	0	1.20	-
	Achaglachgach ...	9 9	40	7.8	2.6	5.2	-	11.7	31	-2.8	17	-	-	3.85	-	.78	30	17	11	1	0	1	0	1	0	5	19	0	-	-
	Oban	9 9	229	7.4	3.7	5.5	+1.7	11.1	1	0.0	5	-	-	3.70	60	.75	27	18	16	0	0	1	0	1	0	0	7	4	1.08	95 S
	Lephinmore ...	9 9	30	7.6	3.1	5.3	-	11.1	1,2	-1.1	16,24	-	-	3.88	-	.77	30	15	10	1	0	1	0	1	0	5	14	0	0.76	- S
	Glenbranter ...	9 9	120	6.8	1.8	4.3	+1.5	11.1	1,2	-3.9	17	-	-	4.87	43	1.08	27	20	13	-	0	-	-	-	1	8	16	-	-	-
	Benmore Forestry Sch.	9 9	46	7.2	1.3	4.3	+0.9	11.1	31	-4.4	17	3.8	4.6	4.67	42	.98	27	18	12	0	0	1	0	1	5	10	12	1	-	- S
	Younger Bot. Gdns.	9 9	40	7.2	2.1	4.7	-	11.7	31	-3.3	17	-	-	4.62	-	.99	27	18	12	1	0	1	0	1	4	8	17	0	-	-
Bute	Rothesay . ¶§	9 9	150	7.3	3.4	5.3	+1.2	10.6	1,2,31	-0.6	24	4.6	5.4	2.86	48	.61	27	15	9	0	0	0	1	1	0	1	10	0	1.41	104
	Millport ...	9 9	16	7.8	4.3	6.1	-	11.7	31	0.6	16,24	-	-	2.39	48	.41	30	14	10	1	0	1	0	0	0	0	-	1	-	-
Dunbarton	Helensburgh ...	9 9	293	6.4	2.0	4.2	+1.4	10.6	31	-2.8	17,18	-	-	2.29	35	.38	27	15	12	0	0	0	0	0	5	7	-	0	-	-
	Cumbernauld ...	9 9	310	5.5	0.6	3.1	-	10.0	2,31	-5.6	16	-	-	2.52	-	.57	27	18	12	0	0	0	0	0	2	12	22	0	-	-
Stirling	Earls Hill ...	9 9	1100	4.7	0.9	2.8	-	8.9	31	-5.4	24	-	-	2.63	-	.61	3	17	12	-	-	-	-	-	2	11	17	-	1.56	-
	Stirling	9 9	151	7.2	2.0	4.6	+1.7	11.7	31	-3.9	6	3.6	6.1	1.33	29	.36	3	15	8	0	0	0	0	0	3	10	16	0	1.58	-
	Falkirk	9 9	100	6.8	1.0	3.9	+1.1	11.1	31	-5.0	17	-	-	1.65	-	.44	27	15	9	-	-	-	-	-	4	11	-	-	-	-
Renfrew	Greenock ...	9 9	200	7.1	2.9	5.0	+1.2	11.1	31	-3.3	17	-	-	2.99	38	.66	27	16	11	0	0	0	1	0	4	5	18	2	0.81	- S
	Paisley	9 9	106	6.8	2.5	4.7	+1.2	11.1	31	-3.9	17,18	4.3	5.7	2.43	47	.68	3	15	10	0	0	1	0	0	7	7	10	4	0.70	69
	Barrhead ...	9 9	97	6.9	1.2	4.1	-	11.1	2,31	-7.2	17	-	-	2.91	-	.74	3	14	12	1	0	0	0	0	4	12	13	0	-	-
	Renfrew ¶§	21-9	26	7.0	2.5	4.7	+1.6	11.7	31	-5.0	17	-	-	1.76	38	.49	3	11	9	2	0	0	0	1	6	8	14	0	0.87	78
Lanark	Crossmyloof ...	9 9	75	-	1.6	-	-	-	-	-5.0	18	-	-	2.24	-	.57	3	17	10	0	0	0	0	0	5	9	12	0	0.91	-
	Thorntonhall ...	9 9	453	6.1	1.1	3.6	-	10.0	31	-5.6	17,18	-	-	3.07	-	.80	3	14	11	1	0	1	0	0	-	11	19	0	-	-
	Glasgow, Springburn	9 9	351	6.2	1.6	3.9	+1.6	10.6	1,2,31	-3.3	17	-	-	1.99	47	.47	3	17	9	3	0	0	0	0	2	8	20	0	1.28	129
	Coatbridge ...	9 9	256	6.7	1.6	4.1	-	10.5	1,2,31	-5.0	17	-	-	2.01	-	.45	3	14	9	0	0	0	0	0	0	8	-	0	-	-
	Happendon Station	21-9	675	5.8	0.0	2.9	-	9.5	2,31	-7.0	18	2.2	-	2.17	-	.65	29	14	9	2	0	2	0	0	0	13	22	1	1.72	-
	Lowther Hill ...	21-9	2377	2.2	-1.7	0.3	-	5.5	31	-6.0	16,17	-	-	-	-	-	-	-	-	9	-	0	0	1	21	23	-	9	1.00	-
	Leadhills ...	9 9	1270	4.7	0.4	2.5	-	8.3	31	-6.7	24	-	-	3.46	-	.77	29	13	14	4	2	0	0	1	0	11	12	0	-	-
	Carnwath ...	9 9	706	6.0	0.4	3.2	-	8.9	31	-6.1	6,24	-	-	1.41	-	.38	29	14	8	2	0	0	0	0	0	9	21	1	-	-
	Camps Reservoir	9 9	969	5.1	0.1	2.6	-	8.9	29,31	-6.1	6,17,24	-	-	1.77	-	.55	29	15	8	3	0	0	0	0	3	11	-	0	-	-
Ayr	Turnberry ...	9 9	25	7.4	2.5	4.9	+0.6	9.4	1	-2.2	16,17	-	-	4.18	-	1.98	3	14	9	0	0	1	0	0	0	5	-	0	1.34	- S
	Largs	9 9	20	8.9	3.6	6.3	+2.2	11.7	2	0.0	17	-	-	2.88	-	.65	27	13	12	0	0	0	0	0	0	0	11	0	1.33	-
	Barr	9 9	400	6.9	0.9	3.9	-	10.0	31	-5.6	12	-	-	3.46	-	.68	27	15	12	1	0	1	0	1	0	12	-	0	-	-
	Auchincruive ...	9 9	147	7.2	2.2	4.7	+1.2	10.0	1,2,31	-2.8	17	4.7	6.0	2.50	60	.73	3	12	9	1	0	1	0	0	1	5	17	2	1.38	95
	Prestwick Airport	21-9	51	7.1	2.8	4.9	-	10.5	1	-3.4	24	-	-	2.48	-	.64	3	13	10	2	0	1	0	0	0	11	11	0	1.33	-
	Kilmarnock ...	9 9	115	7.2	2.4	4.8	+1.6	10.6	1,2,31	-2.2	17,24	4.1	6.0	3.09	-	.85	3	13	10	0	0	0	1	0	0	5	15	0	1.39	101
Dumfries	Dalmacallan ...	9 9	480	5.8	0.3	3.1	-	10.6	31	-6.1	17,18	-	-	2.50	-	.61	27	16	12	1	0	1	0	0	4	12	17	0	-	-
	Dumfries ¶§	9 9	140	6.4	1.2	3.8	+0.9	9.4	1,2,31	-5.0	18	4.2	5.7	1.49	31	.49	27	13	8	0	-	0	0	0	4	11	17	0	1.40	101
	Eskdalemuir Obs'y. ¶§	21-9	794	5.2	0.4	2.8	+1.0	9.7	31	-8.0	17	3.7	5.4	3.09	41	.93	27	15	12	3	0	0	0	0	3	10	18	0	1.29	91
Kirkcudbright	Bargrennan ...	9 9	360	6.9	0.9	3.9	-	10.0	31	-6.7	12	-	-	3.52	-	.73	30	19	14	0	0	3	0	0	1	13	20	0	-	-
	Palnure	9 9	50	7.8	0.8	4.3	-	12.2	4	-6.1	16	-	-	2.11	-	.48	27	13	12	0	0	0	0	0	1	11	-	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	4.39	-	.92	27	18	13	-	-	-	-	-	-	-	-	-	1.19	-
	Glenlee	9 9	181	6.9	0.2	3.5	+0.9	11.7	31	-7.8	17,18	-	-	3.15	-	.72	30	16	14	0	0	1	0	0	3	12	18	0	-	-
	Dundeugh ...	9 9	390	6.3	-0.2	3.1	-	11.1	31	-8.3	17,18	4.4	-	2.81	-	.54	27	15	13	1	0	0	0	0	3	14	-	0	-	-
	Glenlochar Barrage	9 9	154	6.4	1.1	3.7	-	11.1	31	-6.1	18	-	-	2.17	-	.60	27	17	10	-	0	-	-	-	4	10	-	-	-	-
	Threave ...	9 9	240	6.2	0.8	3.5	-	10.6	31	-6.7	18	-	-	1.90	-	.65	27	14	9	0	0	0	0	0	3	10	19	0	-	-
	Castle Douglas ...	9 9	196	6.4	0.4	3.4	-	10.6	31	-7.8	18	3.8	-	1.56	-	.57	27	14	7	-	0	-	-	-	4	10	18	-	1.56	-
Wigtown	West Freugh ...	21-9	50	7.6	2.2	4.9	-	11.2	31	-4.0	12	-	-	2.05	45	.45	16	14	9	-	-	-	-	-	-	10	-	-	1.14	-
	Penwhirn ...	9 9	546	6.2	0.8	3.5	-	9.4	31	-3.9	16,17	-	-	2.66	-	.59	30	12	11	1	0	0	0	0	4	12	19	0	1.15	-
	Mull of Galloway	21-9	257	7.3	4.7	6.0	-	10.1	31	1.7	24	-	-	-	-	-	-	-	-	0	0	0	0	0	2	0	-	5	-	-
6b ISLE OF MAN																														
Isle of Man	Ronaldsway ...	21-9	55	7.9	4.2	6.1	-	11.8	31	-0.4	21	-	-	1.51	40	.33	18	11	7	2	0	0	0	0	1	2	7	6	1.41	-
	Douglas	9 9	284	7.6	3.7	5.7	+1.0	11.1	31	1.1	14,17,25	-	-	1.99	40	.49	13	13	10	1	0	0	0	0	2	0	8	0	1.39	76
	Point of Ayre ...	21-9	30	7.7	4.3	6.0	-	10.5	4	0.2	27	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	1	1.46	-
2 ENGLAND, N.E.																														
Northumberland	Kielder Castle ...	9 9	660	5.7	-0.6	2.5	-	9.4	31	-10.0	18	2.7	-	2.35	44	.69	27	16	11	1	0	0	0	0	2	12	27	0	-	-
	Bellingham ...	9 9	849	5.1	-0.3	2.4	+1.1	8.9	31	-6.7	16	-	-	1.67	-	.36	18	16	9	-	0	-	-	-	1	11	-	-	-	-

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270																											
	Corbridge ...	9 9	160	7.0	-0.1	3.5	-	11.1	31	-9.4	18	-	-	.72	-	.22	12,13	9	4	0	0	0	0	0	2	14	16	1	-	-
	Berwick-on-Tweed	9 9	76	7.1	2.3	4.7	+1.3	11.1	31	-4.4	18	-	-	.80	39	.14	29	13	8	0	0	0	0	0	0	4	10	0	1.82	103
	Cockle Park ¶§	9 9	326	6.2	1.4	3.8	+1.2	10.0	31	-5.0	18	3.6	-	.84	30	.17	27	13	6	0	0	1	0	1	6	16	0	1.83	102
	Acklington ...	21-9	138	6.5	1.5	4.0	-	11.6	31	-6.7	18	-	-	.78	-	.17	13	11	6	2	0	1	0	0	0	7	15	1	2.27	-
	Tynemouth ...	21-9	95	6.3	2.9	4.6	+0.6	11.2	31	-3.0	18	-	-	.58	25	.18	13	10	5	0	0	1	0	0	0	2	14	0	1.76	127
Durham	Chopwellwood ...	9 9	446	6.8	0.7	3.7	+1.1	11.1	31	-5.0	18,19	-	-	.73	28	.29	13	7	6	1	0	0	0	0	0	10	19	0	-	-
	Ushaw College ...	9 9	594	6.1	0.5	3.3	+0.8	11.1	31	-5.0	18	-	-	.50	19	.20	13	6	4	0	0	0	0	0	8	10	-	0	-	-
	Houghall ...	9 9	123	6.4	-0.7	2.9	+0.4	13.3	31	-5.6	22	-	-	.44	18	.18	13	8	3	0	0	0	0	0	3	16	23	0	1.59	112
	Durham ¶§	9 9	336	6.3	0.1	3.2	+0.4	12.2	31	-4.4	19	3.0	5.3	.42	18	.15	13	9	4	-	0	-	-	-	-	16	25	-	2.07	123
	Gateshead ...	9 9	509	6.0	1.4	3.7	-	11.1	31	-3.9	18,19	-	-	.52	-	.20	13	8	5	-	0	-	-	-	1	7	11	-	2.01	-
	Middleton St. George	21-9	115	6.2	0.9	3.5	-	12.2	31	-3.7	6	-	-	.42	-	.19	13	6	4	2	0	0	0	0	4	12	24	0	2.31	-
	West Hartlepool	9 9	30	6.9	1.6	4.3	-	12.8	31	-3.3	18	-	-	.47	-	.16	13	9	4	0	0	0	0	0	4	8	14	0	2.17	-
Yorks., N. Riding	Dishforth ...	21-9	105	5.6	0.1	2.9	-	11.9	31	-5.2	22	-	-	.59	24	.27	13	7	4	2	1	0	0	0	8	15	22	0	2.51	-
	Thirsk ...	9 9	111	5.8	-0.7	2.5	-	11.7	31	-5.6	18,22,23	-	-	.65	-	.31	13	8	4	1	0	0	0	0	8	16	27	0	-	-
	York ... ¶§	9 9	57	5.8	0.6	3.2	-0.1	11.7	31	-3.3	18,22,23	3.2	5.6	.93	40	.51	13	8	5	1	1	0	0	0	11	12	-	0	1.48	116
	Ampleforth ...	9 9	313	5.6	0.1	2.9	+0.2	11.1	31	-4.4	18,19	-	-	1.12	38	.47	13	10	7	2	-	0	0	0	6	16	20	0	-	-
	Redcar ...	9 9	25	7.3				11.7	31	-5.0	18	-	-	.52	25	.17	13	12	6	1	0	0	0	0	0	4	-	0	2.35	-
	Pickering	9 9	143	5.3	-1.1	2.1	-	11.1	31	-7.8	18	-	-	1.27	-	.42	13	12	7	2	0	0	0	0	6	18	24	0	-	-
	Whitby ...	9 9	135	7.1	1.8	4.5	-	12.8	7	-2.2	18,19	-	-	.70	36	.16	31	10	6	1	0	0	0	0	1	4	-	0	2.70	164
	Scarborough ¶§	9 9	118	6.2	1.9	4.1	0.0	11.1	31	-2.2	18,19	3.8	6.2	.82	32	.19	13	10	8	0	0	0	0	0	4	4	10	0	2.31	163 S
	Silpho Moor ...	9 9	665	5.6	0.2	2.9	-	9.4	7,31	-3.3	18,19	2.7	-	1.18	-	.31	13	12	9	1	0	0	0	0	4	15	29	0	2.81	-
	Whitby C/Guard	21-9	200	6.3	2.2	4.3	-	11.4	31	-3.5	18	-	-	.57	-	.17	31	9	5	0	0	0	0	0	0	6	13	1	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	4.6	0.1	2.3	-	9.4	31	-4.4	18	2.8	-	1.23	51	.34	13,27	13	9	1	0	0	0	0	3	16	26	0	2.52	-
	Hull ...	9 9	8	5.5	0.9	3.2	-0.5	11.1	31	-4.4	18	2.9	5.8	.99	42	.44	13	8	5	1	0	0	0	0	1	9	18	0	1.70	136
	Leconfield ...	21-9	24	5.4	0.7	3.1	-	11.3	31	-6.2	18	-	-	.86	-	.28	27	9	5	3	1	0	1	0	7	13	22	0	2.02	-
	Filey ...	9 9	122	5.6	0.3	2.9	-	11.1	31	-3.9	22	-	-	.83	-	.35	13	9	5	1	0	0	0	0	5	11	12	0	1.89	-
	Bridlington ...	9 9	157	5.8	0.8	3.3	-	10.6	31	-3.3	18	-	-	.94	-	.33	13	9	7	1	0	0	0	0	5	7	21	0	2.50	-
	Spurn Head ...	21-9	29	4.9	1.8	3.3	-0.6	9.4	31	-1.6	23	-	-	.79	-	.34	13	7	4	1	0	0	0	0	3	6	-	0	2.05	127
Lincoln	Gainsborough ...	9 9	110																											
	Navenby ...	9 9	60	4.6	-0.5	2.1	-	11.1	31	-4.4	18,23	-	-	.89	-	.28	27	12	8	1	1	0	0	0	6	20	-	0	-	-
	Waddington ...	21-9	224	4.7	0.3	2.5	-0.5	11.4	31	-6.4	18	-	-	.66	-	.20	27	10	6	1	0	0	1	0	8	12	19	0	1.62	-
	Lincoln ...	9 9	22	5.3	-0.9	2.2	-	12.2	31	-6.1	18	2.9	4.6	.73	-	.23	27	9	8	1	0	0	0	0	11	17	22	0	1.29	-
	Cranwell ¶§	9 9	205	4.9	-0.5	2.2	-0.8	11.5	31	-5.8	18	2.8	4.8	.87	42	.26	27	9	7	2	1	0	0	0	8	16	21	0	1.61	91
	Binbrook ...	21-9	353	4.5	0.5	2.5	-	10.4	31	-3.8	23	-	-	1.09	-	.42	27	9	6	1	2	0	0	0	7	15	19	0	-	-
	Cleethorpes ...	9 9	23	5.4	1.0	3.2	-0.3	11.1	31	-3.3	23	-	-	.71	32	.25	13	7	5	1	0	0	0	0	1	9	25	0	2.07	131
	Manby ...	21-9	55	5.3	1.9	3.6	-	10.9	31	-5.3	18	-	-	.64	-	.34	27	6	4	1	0	0	0	0	6	13	19	0	1.94	-
	Skegness ...	9 9	15	5.4	0.1	2.7	-0.6	10.0	30,31	-2.8	22,23	-	-	.34	16	.28	27	3	2	0	0	0	0	0	5	14	21	0	1.51	87
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	4.4	0.4	2.4	-	10.6	31	-4.4	18	2.6	-	.44	24	.18	27	8	2	1	1	0	0	0	9	17	22	0	1.82	-
	Marham ...	21-9	76	4.3	-0.5	1.9	-	10.8	31	-5.3	18	-	-	.51	-	.20	27	9	4	2	1	0	1	0	10	20	22	0	-	-
	Santon Downham	9 9	80	4.6	-1.9	1.3	-	10.0	31	-9.4	18	2.8	4.8	.71	-	.15	31	14	5	-	3	-	-	-	8	21	28	-	1.38	-
	West Raynham ...	21-9	250	3.8	-0.8	1.5	-	9.8	31	-7.2	18	-	-	.67	-	.28	27	10	2	4	1	0	0	0	12	23	25	0	1.61	-
	Cromer ...	9 9	178	4.8	0.3	2.5	-1.2	10.0	31	-3.3	22	-	-	.59	24	.18	31	8	5	-	0	-	-	-	1	9	20	-	1.60	89
	Sprowston ¶§	9 9	93	4.5	-0.5	2.0	-1.3	10.6	31	-6.1	18	3.4	-	.36	16	.13	31	8	3	1	0	0	0	0	5	19	26	0	1.55	95 S
	Coltishall ...	21-9	55	4.5	-0.1	2.2	-	10.5	31	-6.6	18	-	-	.48	-	.14	27,31	10	4	2	0	0	2	0	10	16	25	0	-	-
	Burlingham ...	9 9	89	4.6	0.2	2.4	-	10.0	31	-3.9	18	-	-	.42	19	.10	27,28	11	4	2	0	0	0	0	7	18	20	0	1.70	-
	Gorleston ¶§	21-9	12	4.6	1.0	2.8	-1.2	10.0	31	-2.0	21	3.7	6.1	.42	19	.14	28	7	4	3	0	0	0	0	5	7	17	1	1.61	93
Suffolk	Mildenhall	21-9	15	4.7	0.0	2.3	-	10.9	31	-9.5	14	-	-	.75	39	.18	12	9	5	4	3	0	0	0	8	17	23	0	1.69	99
	East Bergholt ...	9 9	14	4.7	-1.2	1.7	-	10.0	31	-10.0	14	-	-	.66	-	.19	27	10	5	2	2	0	0	0	7	17	-	0	-	-
	Wattisham ...	21-9	292	3.6	-0.6	1.5	-	9.6	31	-6.4	13	-	-	.70	-	.18	27	9	5	4	3	0	1	0	14	20	23	0	-	-
	Aldeburgh ...	21-9	15	4.7	1.3	3.0	-	9.7	31	-2.1	22	-	-							3	-	0	0	0	4	6	-	0	-	-
	Lowestoft ...	9 9	82	5.0	0.7	2.9	-0.6	11.1	31	-2.2	25	3.1	4.9	.45	20	.16	27	6	4	2	0	0	0	0	6	14	20	0	1.60	89
Cambridge	Boxworth ...	9 9	157	4.6	-0.8	1.9	-	10.6	31	-10.0	14	-	-	.98	49	.25	12	12	6	2	3	0	0	0	6	15	24	0	1.64	-
	Cambridge Bot. Gdn. ¶	9 9	41	4.8	-1.0	1.9	-1.5	11.1	31	-9.4	14	2.7	5.1	.78	40	.23	12	11	6	1	2	0	0	0	3	19	25	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	4.9	-0.3	2.3	-	11.1	31	-8.9	14	-	-	.73	37	.22	12	11	6	2	2	0	0	0	10	16	27	0	1.44	86
Huntingdon	Monkswood ...	9 9	103	4.8	-2.1	1.3	-	11.7	31	-10.6	14	2.4	-	.83	-	.22	12	8	7	2	2	0	0	0	10	23	27	0	-	-
	Wyton ...	21-9	129	4.7	-0.6	2.1	-	11.3	31	-10.0	14	-	-	.95	-	.30	28	8	6	4	3	0	0	0	10	16	21	0	-	-
Bedford	Woburn ...	9 9	291	4.9	-0.5	2.2	-0.8	11.1	31	-12.2	14	2.9	6.2	.80	38	.23	12	13	6	2	3	0	0	0	6	14	25	0	1.63	99
	Luton ...	9 9	379	4.7	-0.8	1.9	-1.2	10.6	31	-11.1	14	3.2	-	.69	29	.26	27	11	4	-	2	-	-	-	9	18	27	-	1.35	89
	Silsoe ...	9 9	195	5.0	-0.6	2.2	-	11.1	31	-10.0	14	3.5	6.2	.75	39	.16	27	14	6	3	3	0	0	0	7	16	24	0	1.49	-
	Cardington ...	21-9	93	5.0	-0.3	2.3	-	11.7	31	-11.8	13	3.0	5.4	.86	48	.19	12	11	7	4	3	1	0	0	9	20	22	0	1.61	-
	Letchworth ...	9 9	209	5.2	-0.3	2.5	-	11.1	31	-11.1	14	-	-	.83	-	.21	12	9	6	-	-	-	-	-	-	18	21	-	-	-
Hertford	Bovingdon ...	21-9	516	4.6	0.0	2.3	-	10.6	31	-8.5	13	-	-	.75	-	.26	27	12	5	4	2	0	1	0	9	18	21	0	-	-
	Garston ...	9 9	256	5.3	0.6	2.9	-	11.7	31	-8.3	14	-	-	.67	-	.26	27	12	4	3	2	0	0	0	11	15	23	0	1.55	-
	Rothamsted ¶§	9 9	420	4.7	-0.7	2.0	-0.8	10.6	31	-7.8	14	2.9	5.9	.91	34	.23	27	14	5	3	2	0	0	0	7	17	26	0	1.37	79
	St. Albans ...	9 9	272	5.2	-0.7	2.3	-0.7	11.7	31	-7.8	14	3.1	-	.80	33	.22	27	15	6	-	2	0	0	0	7	15	24	0	-	-
	Stanstead Abbotts	9 9	97	5.3	-0.5	2.4	-	10.0	29,31	-9.4	14	4.2	5.9	.83	-	.26	28	5	5	-	2	-	-	-	-	15	23	-	-	-
	Hoddesdon ...	9 9	153	5.1	-0.6	2.3	-	11.1	31	-6.7	14	3.3	-	.71	-	.20	28	6	5	2	2	0	0	0	-	15	23	0	1.33	-
	Eastwick Lodge	9 9	137	4.9	-1.0	1.9	-	10.6	31	-9.4	14	-	-	1.03	47	.42	28	9	5	-	2	-	-	-	10	14	-	-	-	-
Essex	Stansted ...	9 9	331	4.1	-0.3	1.9	-	10.6	31	-8.9	14	-	-	.86	-	.24	12	11	5	4	3	0	1	1	11	17	21	0	-	-
	Writtle ...	9 9	105	4.9	-0.2	2.3	-	11.1	31	-10.0	14	3.4	-	.56	26	.18	27	8	5	2	2	0	0	0	7	14	2	0	1.30	-
	Coryton ...	9 9	9	5.7	1.7	3.7	-	11.7	31	-5.0	14	3.9	6.9	1.00	-	.37	12	7	5	2	3	0	0	0	6	7	14	0	-	-
	Southend ...	9 9	90	5.1	0.9	3.0	-	10.0	31	-3.3	14	-	-	.96	52	.46	12	10	6	3	2	0	0	0	5	9	12	0	1.17	67
	Maldon ...	9 9	14	4.8	-0.2	2.3	-	10.6	31	-7.2	18	-	-	.79	-	.29	12	14	5	3	-	0	0	0	9	13	-	0		
	Earls Colne ...	9 9	160	4.6	-0.9	1.9	-	10.0	31	-11.1	14	3.1	5.3	.70	30	.18	27	8	5	-	2	-	-	-	15	17	28	-	-	-
	Shoeburyness ¶§	21-9	7	5.2	1.8	3.5	-0.5	11.0	31	-5.8	13,14	-	-	.67	37	.33	12	7	4	3	2	0	2	0	7	7	17	0	1.22	71
	Clacton-on-Sea ...	9 9	53	4.7	0.8	2.7	-	8.3	29,30,31	-2.8	14	3.8	6.0	.82	40	.30	12	9	4	2	1	0	0	0	4	6	18	0	1.50	81
	Walton-on-Naze	21-9	15	4.7	1.4	3.1	-	10.0	31	-2.6	13	-	-	.75	-	.34	12	9	4	4	0	0	0	0	7	8	13	0	1.60	-
	Dovercourt ...	9 9	11	4.8	-0.2	2.3	-1.4	10.0	31	-6.1	18	-	-	.68	-	.25	12	8	4	1	-	0	0	0	7	17	23	0	1.21	-
4	MIDLAND COUNTIES																													
Yorks., W. Riding	Slaidburn ...	9 9	629	5.3	0.1	2.7	-	10.0	31	-6.7	18	-	-	2.49	-	.60	29	16	8	1	1	0	0	0	4	14	23	0	1.33	-
	Malham Tarn ...	9 9	1297	3.8	1.6	2.7	-	7.8	31	-4.4	17,19	1.9	-	3.16	44	1.03	29	15	10	4	3	0	2	0	7	17	28	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	5.9	0.7	3.3	+0.2	11.1	31	-6.7	18	2.3	4.8	1.22	-	.54	13	12	6	-	1	-	-	-	12	12	20	0	1.40	171
	" Oakes	21-9	761	4.9	1.1	3.0	+0.3	9.8	31	-6.8	18	2.9	5.0	1.68	42	.50	13	15	7	2	4	1	1	0	3	10	20	1	1.37	106
	Bradford ¶	9 9	439	5.4	0.9	3.1	+0.2	10.6	31	-5.0	18,19	2.2	4.8	1.31	37	.66	13	11	5	1	6	1	3	0	2	11	23	1	-	-
	Ilkley	9 9	315	5.9	0.6	3.3	+0.5	10.6	31	-5.6	17	-	-	1.33	33	.86	13	7	5	2	8	0	0	0	1	12	-	0	1.15	83
	Sheffield ...	9 9	429	5.8	1.0	3.4	-0.2	11.1	31	-5.6	18,19	2.9	5.4	.91	30	.32	27	8	7	2	2	0	0	0	-	8	22	0	1.77	151
	Wakefield ...	9 9	121	6.0	0.4	3.2	0.0	12.2	31	-5.0	6,7,18	2.9	5.2	.71	28	.28	13	8	4	1	1	1	0	0	12	11	28	1	-	-
	Pontefract ...	9 9	255	5.7	0.4	3.1	0.0	11.1	31	-5.6	18	-	-	.67	31	.30	13	8	5	1	1	0	0	0	10	10	13	0	-	-
	Bramham ...	9 9	177	5.5	-0.1	2.7	-	11.1	31	-6.1	17	-	-	.90	45	.52	13	8	5	2	1	0	0	0	6	15	22	0	1.98	-
	Cawood	9 9	20	5.7	-0.4	2.7	-	11.7	31	-5.6	18	2.1	4.5	.77	33	.35	13	10	4	1	1	0	0	0	9	16	23	0	1.49	-
	Askham Bryan ...	9 9	110	5.5	0.4	2.9	-	11.7	31	-4.4	17,18	-	-	.86	35	.50	13	12	3	1	1	0	0	0	8	11	24	0	1.44	104
Derby	Buxton	9 9	1007	4.2	-0.1	2.1	+0.2	12.2	31	-5.6	18	2.2	3.9	2.23	41	.83	27	15	11	5	-	0	0	0	11	17	22	1	-	-
	Chapel en le Frith	9 9	732	4.9	0.1	2.5	-	12.2	8	-4.4	18	-	-	1.66	-	.52	27	14	8	1	2	0	1	0	1	13	20	0	-	-
	Mackworth ...	9 9	293											.87	-	.25	27	8	6	-	-	-	-	-	-	-	-	-	-	-
	Belper	9 9	203	5.6				12.2	31	-7.8	18	-	-							1	1	0	0	0	-		-	0	-	-
	Derby	9 9	159	5.6	0.1	2.9	-	12.2	31	-7.2	18	-	-	.84	-	.27	27	8	6	1	1	0	0	0	9	14	26	0	.90	-
	Morley	9 9	350	4.7	-0.2	2.3	-	11.1	31	-7.2	18	-	-	.96	41	.34	29	8	4	1	1	0	0	0	-	13	21	0	0.97	- S
	Chesterfield ...	9 9	298																											
Nottingham	Sutton Bonington	9 9	157	5.3	-0.3	2.5	-0.6	12.2	31	-8.9	18	3.8	5.6	.62	28	.22	27	9	5	1	1	0	0	0	7	15	26	0	1.01	74
	Watnall	21-9	385	4.8	0.6	2.7	-	11.6	31	-6.7	18	-	-	.65	24	.28	27	7	5	4	2	0	0	0	10	13	22	0	1.06	74 S
	Nottingham Training College ...	9 9	169					12.2	31			-	-	.55	-	.19	27	7	3	-	-	-	-	-	12		21	-	-	-
	Mansfield ...	9 9	362	5.2	0.3	2.7	-0.3	11.7	31	-6.1	17	2.6	-	.78	29	.40	27	6	5	2	-	0	0	0	6	9	20	0	-	-
	Nottingham ¶§	9 9	192	5.7	0.6	3.1	-0.4	12.2	31	-5.6	18	2.2	4.1	.65	29	.23	27,29	8	3	1	1	0	0	0	8	12	21	0	1.06	85
	Warsop	9 9	150	5.6	-1.4	2.1	-	11.7	31	-10.0	17	-	-	.57	27	.24	27	8	4	1	0	0	0	0	11	16	23	0	1.05	-
	Finningley ...	21-9	34	5.6	0.6	3.1	-0.2	12.2	31	-7.6	18	-	-	.57	-	.22	13	7	3	2	1	0	0	0	6	12	19	0	1.76	- S
Leicester	Newtown Linford	9 9	392	4.6	-0.6	2.0	-	11.1	31	-10.0	14	-	-	.85	-	.23	12	10	5	2	2	0	1	0	6	13	19	0	1.35	-
	Caldecott ...	9 9	175	5.2	-1.3	1.9	-	11.7	31	-13.3	14	-	-	.77	-	.26	28	7	5	-	2	-	-	-	5	21	23	-	1.09	-
Northampton	Bugbrooke Mills	9 9	228	5.2	-0.7	2.3	-	11.7	31	-11.7	14	3.1	5.4	.77	-	.17	27	11	7	2	2	0	0	0	14	14	-	0	1.36	-
	Raunds	9 9	193	4.7	-1.2	1.7	-	11.1	31	-11.7	14	2.3	6.1	.77	37	.19	12	12	6	2	2	0	0	0	11	19	22	0	1.54	- S
	Wittering ...	21-9	212	4.7	-0.4	2.1	-	11.9	31	-7.6	14	-	-	.71	-	.16	12	8	6	3	2	0	1	0	7	18	24	0	1.83	-
Warwick	Birmingham K.E.S.*	9 9	450	5.4	0.8	3.1	-	11.1	31	-5.6	18	-	-							1	2	0	0	0	7	9	-	0	-	-
	Edgbaston ¶§	21-9	536	5.0	1.7	3.3	-0.2	11.0	31	-5.2	14	5.1	7.1	.83	28	.31	12	14	7	3	2	0	0	0	6	9	11	0	1.27	93
	Luddington ...	9 9	138	5.7	0.1	2.9	-	11.7	31	-8.3	14	-	-	.66	31	.15	12	10	7	2	2	0	0	0	8	15	19	0	1.09	-
	Stratford on Avon	9 9	160	5.6	-0.2	2.7	-	11.7	31	-8.9	14		-	.71	39	.16	12	10	7	1	2	0	0	0	5	12	19	0	1.26	-
	Elmdon	21-9	319	5.2	0.7	2.9	-	11.4	31	-11.6	14	-	-	.75	30	.25	12	12	5	4	2	0	1	0	3	14	17	0	1.23	-
	Shipston on Stour	9 9	365	5.2	0.3	2.7	-	11.1	31	-10.0	14	3.7	-	.72	-	.26	12	13	6	1	2	1	0	0	6	15	21	-	1.15	- S
	Wellesbourne ...	9 9	153	5.4	-0.2	2.6	-	12.2	31	-10.6	14	-	-	.66	29	(.17)	12	12	6	1	2	0	0	0	-	14	-	0	1.25	-
	Moreton Morrell	9 9	280	5.6	0.1	2.9	-	11.7	31	-12.2	14	-	-	.73	-	.34	12	10	5	1	2	0	0	0	4	12	19	0	1.25	- S
	Coventry ...	9 9	338	5.4	0.0	2.7	-0.3	11.7	31	-7.2	14	4.1	5.9	1.22	49	.31	12,19	12	9	2	-	0	0	0	4	12	22	0	1.15	95
	Rugby	9 9	385		0.0			11.1	31	-9.4	14	2.1	4.6			.16	27			2	2	0	0	0	5	13	20	0	1.18	-
Oxford	Oxford ¶§	9 9	208	5.6	1.1	3.3	-0.4	12.2	31	-7.8	14	3.2	5.1	.51	22	.18	12	8	3	2	3	0	0	0	8	9	16	0	1.20	69
	Grendon Underwood	9 9	220	5.3	-0.6	2.3	-	11.7	31	-9.4	14	2.7	5.3	.53	-	.15	27	7	4	2	2	0	0	0	-	13	-	0	1.07	-
Buckingham	Medmenham	9 9	98	5.7	-0.9	2.4	-	11.7	31	-8.3	14	-	-	.46	-	.18	27	10	2	-	-	-	-	-	-	14	20	-	-	-
	Aylesbury ...	9 9	316	5.0	-0.3	2.3	-	11.1	31	-9.4	14	-	-	.64	27	.18	27	8	4	2	2	0	0	0	13	15	25	0	1.04	-
Stafford	Keele	9 9	587	5.1	0.4	2.7	-	11.1	31	-5.0	14	2.6	5.2	.66	22	.15	27	14	8	2	2	0	0	0	6	8	16	0	1.14	-
	Oaken	9 9	409																											
	Stone	9 9	350	5.2	-0.1	2.5	-	11.1	31	-8.9	14	-	-	.89	-	.30	27	12	8	1	2	0	0	0	7	13	29	0	1.04	- S
	Penkridge ...	9 9	330	5.3	0.2	2.7	-	11.1	31	-9.4	14	-	-	.77	-	.23	27	9	6	1	2	0	0	0	4	10	20	0	-	-
	Onecote ...	9 9	1350		-0.6			8.3	31	-5.6	14	1.7	4.3	1.23	-	.28	31	8	8	1	3	0	0	0	7	15	22	0	0.95	-
Shropshire	Oswestry ...	9 9	570	5.8	0.7	3.3	-	10.6	20,31	-6.1	14	-	-	.60	-	.27	27	9	7	2	1	0	0	0	1	9	26	0	1.54	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	.70	20	.24	12	12	7	-	-	-	-	-	-	-	-	-	1.29	-
	Shrewsbury ...	9 9	184	5.9	0.8	3.3	-0.2	11.7	31	-5.6	14,17	4.1	6.4	.49	21	.09	27	12	7	1	1	0	0	0	5	10	14	0	1.61	101
	Shawbury ...	21-9	235	5.7	0.5	3.1	-0.2	12.2	31	-7.1	14	-	-	.42	17	.11	27	9	4	1	1	0	2	0	4	13	20	0	1.71	- S
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.50	-
	Newport ...	9 9	211	5.7	-0.4	2.7	-0.2	11.1	31	-6.7	14	-	-	.59	25	.14	27	11	6	2	1	0	0	0	2	12	25	0	1.16	79 S
Worcester	Malvern	9 9	203	5.8	0.7	3.3	-	12.2	31	-7.2	14	3.6	6.4	.68	23	.22	12	13	5	2	2	0	0	0	12	14	18	0	1.24	69 S
	Worcester ...	9 9	190	5.9	0.5	3.2	-	12.2	31	-5.6	14,18	-	-	.36	15	.08	23	10	3	-	2	-	-	-	7	13	19	-	1.39	-
	Pershore Inst. of Hort.	9 9	130	5.7	0.6	3.1	-	11.7	31	-7.8	14	-	-	.58	-	.17	12	8	5	-	2	-	-	-	5	14	25	-	1.69	-
	Pershore ...	21-9	114	5.7	1.0	3.3	-	12.2	31	-9.6	14	-	-	.40	-	.13	12	9	4	2	2	0	1	0	7	11	15	0	1.34	-
	Halesowen ...	9 9	505	5.1	0.1	2.6	-	11.1	31	-12.8	14	3.6	5.8	.74	-	.25	12	8	6	2	2	0	0	0	2	11	16	0	1.33	-
Hereford	Lyonshall ...	9 9	510	5.0	0.3	2.7	-0.6	10.0	31	-8.9	14	-	-		-	.24	14			-	-	-	-	-	-	14	26	-	-	-
	Credenhill ...	9 9	246	5.8	-0.1	2.9	-	12.2	31	-10.6	14	-	-	1.11	-	.35	30	13	8	-	2	-	-	-	5	13	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	5.7	1.4	3.5	-0.7	12.4	31	-7.7	14	4.1	6.1	.57	20	.13	12,27	13	5	2	2	0	0	0	6	9	16	0	1.26	73
	Preston Wynne ...	9 9	274	5.7	-1.0	2.3	-	11.7	31	-9.4	14	-	-	.49	-	.12	12	12	5	2	2	0	0	0	11	17	26	0	1.50	-
Gloucester	Avonmouth ...	9 9	31																											
	Filton	21-9	192	5.6	1.4	3.5	-0.7	10.4	31	-7.2	14	-	-	.52	17	.16	27	8	5	2	2	0	1	0	8	9	16	0	0.74	-
	Hempsted ...	9 9	39																											
	Gloucester ...	21-9	79	6.1	2.0	4.1	-	12.7	31	-7.7	14	-	-	.53	-	.15	12	9	6	2	2	0	1	0	6	7	13	0	1.33	-
	Cheltenham ...	9 9	214	5.6	1.3	3.5	0.3	11.7	31	-7.8	14	-	-	.49	20	.13	12	9	6	-	-	-	-	-	-	8	-	-	1.34	-
	Cirencester ...	9 9	443	5.2	0.4	2.8	-	11.1	31	-6.7	14,18	-	-	.75	22	.20	27	12	8	2	3	0	0	0	12	12	19	-	1.25	-
	Little Rissington	21-9	740	4.4	0.9	2.7	-	10.7	31	-7.9	14	-	-	.59	20	.20	12	8	5	4	3	0	0	0	9	10	14	0	1.41	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	5.8	1.1	3.5	-0.9	11.7	31	-3.3	14,18	3.8	5.9	.58	25	.19	27	11	4	1	1	0	0	0	7	9	19	0	-	-
	Hampstead ...	9 9	450	4.9	0.3	2.6	-0.5	10.0	31	-5.0	14	-	-	.74	30	.26	27	14	5	4	3	0	0	0	-	12	23	0	1.16	85
	St. James's Park	9 9	27	6.1	1.3	3.7	-0.9	11.7	31	-4.4	14	-	-	.55	27	.21	27	5	4	2	-	0	0	0	-	8	-	0	-	-
	Regent's Park ...	9 9	129	5.8	0.5	3.1	-	11.7	31	-4.4	14	-	-	.70	-	.25	27	9	4	-	3	-	-	-	11	9	22	-	0.74	72
	Camden Square	9 9	121	6.1	1.2	3.7	-0.6	13.3	31	-3.9	14	2.9	4.4	.61	25	.26	26	7	5	-	2	-	-	-	-	8	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.00	101
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.78	108
	Greenwich ...	9 9	24	5.9	0.7	3.3	-	11.7	31	-6.7	14	-	-	.64	33	.20	27	10	5	1	2	0	0	0	2	8	12	0	0.86	79
Middlesex	London (Heathrow) Airport	21-9	82	5.7	1.3	3.5	-0.3	11.7	31	-4.8	25	-	-	.70	31	.17	27	12	6	4	2	0	3	0	7	9	18	0	1.21	-
	Hampton ...	9 9	39	5.7	0.8	3.3	-	11.1	31	-3.9	14,25	-	-	.65	-	.21	27	9	4	4	2	0	0	0	8	8	16	0	1.19	-
	Southgate ...	9 9	221	5.6	0.3	2.9	-	11.1	31	-6.1	14	3.6	-	.66	-	.22	27	11	4	3	2	0	0	0	8	13	19	0	1.03	-
Surrey	Wisley	9 9	150	5.4	0.4	2.9	-0.8	10.6	31	-6.7	14	3.4	5.6	.68	28	.21	27	16	3	3	3	0	1	0	9	9	22	0	1.18	79
	Mickleham ...	9 9	179	5.2	-0.2	2.5	-	10.6	31	-7.8	14	-	-	.82	27	.23	27	11	7	2	2	0	0	0	5	15	22	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	5.8	2.3	4.1	-0.2	11.8	31	-3.1	18	3.3	6.0	.53	25	.18	27	10	4	4	2	0	0	0	8	6	17	0	1.20	81
—cont.	Gatwick ... §	21-9	192	5.4	0.5	2.9	-	10.4	31	-10.2	13	-	-	.87	-	.26	12	13	5	4	2	0	2	0	8	15	16	0	1.33	-
	Waddon ...	9 9	220	5.5	-0.3	2.6	-1.4	10.6	31	-6.7	17,18	-	-	.60	23	.22	27	7	3	-	-	-	-	-	-	16	-	-	-	-
	Addington ...	9 9	474	4.6	0.4	2.5	-0.9	10.0	31	-5.6	14	-	-	.80	30	.27	12	15	4	-	-	-	-	-	4	10	-	-	-	-
Kent	Bromley ...	9 9	213	5.6	0.8	3.2	-0.7	11.1	31	-5.0	14	-	-	.77	34	.29	12	11	6	-	2	-	-	-	8	11	-	-	-	-
	Swanley ...	9 9	177	5.1	0.0	2.5	-	10.6	31	-9.4	14	3.8	-	.77	-	.35	12	8	4	3	2	0	0	0	7	10	20	0	0.94	-
	Dartford ...	9 9	17	5.6	0.3	2.9	-	11.7	31	-9.4	14	-	-	.80	41	.32	12	9	6	3	2	0	0	0	3	8	-	0	-	-
	Tunbridge Wells	9 9	351	4.7	-0.9	1.9	-1.2	10.6	31	-7.2	18	2.8	4.7	.81	27	.27	12	12	6	4	3	0	0	0	9	17	18	-	1.14	63
	Goudhurst ...	9 9	280	4.9	-0.2	2.3	-	10.0	31	-7.8	18	-	-	1.11	32	.29	12	13	7	2	3	0	2	0	6	13	19	0	-	-
	East Malling ¶§	9 9	122	5.3	-0.2	2.5	-1.0	11.1	31	-10.0	14	3.1	5.4	1.44	58	.65	28	12	5	2	2	0	1	1	8	13	17	0	1.09	69
	Gillingham ...	9 9	14	5.3	0.3	2.8	-	11.7	31	-7.8	14	-	-	.87	-	.46	28	8	6	1	2	0	0	1	11	6	-	0	1.10	-
	Sittingbourne ...	9 9	224	4.9	0.3	2.6	-	11.1	31	-10.0	14	3.4	5.9	1.02	51	.30	28	10	6	2	3	0	0	0	9	9	17	0	1.23	-
	Isle of Grain ...	9 9	9	5.6	1.5	3.5	-	11.7	31	-3.3	14	-	-	.99	-	.42	28	7	4	-	2	-	-	-	6	6	16	-	1.21	-
	Faversham ...	9 9	157	4.9	0.2	2.5	-	11.1	31	-9.4	14	3.7	5.6	1.10	-	.37	28	12	5	2	2	0	1	0	7	12	17	0	1.35	-
	Dungeness ...	21-9	10	5.5	1.5	3.5	-0.9	8.8	30	-3.0	7	-	-	1.05	43	.25	28	13	7	5	2	0	0	0	5	8	-	0	-	-
	Wye ...	9 9	185		-0.1			10.0	31	-6.7	7,14	-	-	1.09	36	.36	28	9	6	2	3	0	0	0	11	11	20	0	1.26	72
	Whitstable ...	9 9	9	5.1	0.8	2.9	-	11.1	31	-6.1	18	-	-	.81	42	.21	12	12	7	3	3	0	2	0	3	11	-	0	1.29	-
	Folkestone ...	9 9	128	5.4	1.5	3.5	-	10.0	30	-1.7	13	-	7.7	1.15	45	.38	28	11	7	3	3	0	0	0	1	7	13	0	1.47	-
	Elmstone ...	9 9	28	4.7	-0.2	2.3	-	10.6	31	-8.3	14	-	-	.75	-	.24	10	10	5	-	3	-	-	-	4	14	16	-	-	-
	Herne Bay ...	9 9	21	4.9	1.3	3.1	-	10.6	31	-4.4	18	-	-	.76	37	.26	12	10	6	2	2	0	0	0	4	10	-	0	1.20	-
	Dover ...	9 9	19	5.4	1.8	3.6	-0.9	10.0	30,31	-3.3	18	4.7	6.5	1.00	36	.23	28	9	6	3	1	0	0	0	2	8	16	0	1.51	-
	Deal ...	21-9	18	5.2	2.2	3.7	-	10.4	31	-3.0	18	-	-	.73	-	.21	12	9	6	1	1	0	0	0	5	6	6	0	-	-
	Manston ...	21-9	145	4.7	0.8	2.7	-	11.0	31	-5.5	18	-	-	.71	-	.21	10	10	5	4	2	0	0	0	6	13	19	0	-	-
	Ramsgate ...	9 9	80																											
	Margate ...	9 9	51	4.8	1.6	3.2	-1.4	11.1	31	-2.2	13,14	4.1	6.6	.58	31	.14	12	8	5	2	1	0	0	0	5	7	13	0	1.16	66 S
Sussex	Thorney Island ...	21-9	10	6.1	2.1	4.1	-	11.3	31	-3.2	13	-	-	.60	20	.21	27	8	5	4	2	0	0	0	4	9	14	0	1.36	-
	Bognor Regis ...	9 9	24	5.8	1.8	3.8	-0.8	11.1	31	-3.9	14	-	7.0	.71	22	.27	12	7	4	2	1	0	0	0	2	8	13	0	1.45	65
	Fernhurst ...	9 9	188	5.6	0.6	3.1	-	10.6	31	-5.6	18	-	-	.96	-	.45	12	13	5	2	-	0	0	0	-	13	18	0	1.35	-
	Littlehampton ...	9 9	15	6.0	1.2	3.6	-0.8	11.1	31	-3.9	14	-	6.6	.94	31	.44	12	8	5	1	0	0	0	0	2	8	-	0	1.38	62
	Rustington ...	9 9	10	6.1	1.1	3.6	-	11.1	31	-3.9	7,14	-	6.1	.88	-	.42	12	8	4	-	1	-	-	-	-	11	16	-	1.26	-
	Worthing ...	9 9	25	6.0	1.7	3.9	-0.6	10.0	31	-3.9	14	4.4	6.9	1.49	51	1.01	12	9	4	2	3	0	0	0	2	8	16	0	1.30	57
	Brighton ...	9 9	32	6.1	2.2	4.1	-	10.6	31	-3.3	14	-	6.7	1.40	50	.87	12	8	4	3	3	0	0	0	5	8	14	0	1.29	61
	East Grinstead ...	9 9	400																											
	Seaford ...	9 9	45	5.9	1.2	3.5	-	8.9	1,30,31	-3.9	7,14	-	-	1.48	52	.46	14	8	7	-	-	-	-	-	3	11	-	-	1.02	50
	East Hoathly ...	21-9	130	5.2	1.0	3.1	-	10.5	31	-5.8	7	-	-	1.10	-	.43	12	13	6	3	3	0	0	0	4	15	16	0	1.16	-
	Eastbourne ...	9 9	23	6.1	2.2	4.1	-0.6	9.4	1,31	-3.9	14	5.2	8.1	1.32	41	.40	12	11	9	2	-	0	0	0	1	6	14	0	1.19	58
	Eastbourne C/Guard	21-9	17	6.1	2.1	4.1	-	10.7	31	-3.5	7,13,14	-	-	1.05	-	.34	27	10	8	3	3	0	0	0	2	9	13	0	-	-
	Bexhill ...	9 9	12	5.9	1.6	3.7	-0.7	10.6	31	-3.3	7,14	5.0	-	.97	34	.30	12	9	8	3	3	0	0	0	4	8	15	0	1.23	61
	Bodiam ...	9 9	73	5.4	-0.3	2.5	-	10.6	31	-7.8	14	3.9	6.4	1.16	-	.28	27	11	9	3	3	0	0	0	8	13	20	0	1.10	-
	Hastings ¶§	9 9	149	5.5	1.9	3.7	-0.8	10.0	31	-3.3	14	4.0	6.4	1.07	38	.35	12	10	7	3	3	0	1	0	3	5	14	0	1.29	61
Berkshire	Letcombe Regis	9 9	350	6.3	0.6	3.5	-	11.7	31	-10.6	14	-	-	.72	-	.24	12	10	5	2	3	0	0	0	1	11	-	0	-	-
	Abingdon ...	21-9	210	5.7	1.1	3.4	-0.3	12.1	31	-9.8	14	-	-	.58	27	.21	27	8	3	4	3	0	1	0	8	10	11	0	1.27	-
	Compton ...	9 9	339	5.3	-0.3	2.5	-	11.1	31	-11.1	14	4.6	-	.71	-	.23	27	11	7	2	2	0	1	0	7	16	19	0	1.52	- S
	Woolhampton ...	9 9	370	5.0	-0.1	2.5	-	10.6	31	-7.8	14	3.3	-	.40	16	.16	27	12	4	2	2	0	0	0	9	10	20	0	-	-
	Wallingford ...	9 9	157	5.7	0.2	2.9	-	11.7	31	-9.4	14	4.2	6.6	.48	-	.17	27	11	5	2	2	0	0	0	-	12	19	0	1.37	- S
	Shinfield ...	9 9	200	5.4	0.3	2.9	-0.7	11.1	31	-7.2	14	-	-	.54	22	.15	27	12	4	3	2	0	0	0	11	9	15	0	1.47	-
	Reading ...	9 9	148	5.7	0.8	3.3	-0.6	11.1	31	-4.4	14,18,25	3.4	5.4	.61	25	.18	27	13	5	2	2	0	2	0	11	9	14	0	1.59	-
	Reading S.T.G.	9 9	141	5.6	0.6	3.1	-	11.1	31	-6.1	14	-	-	.58	25	.23	27	11	4	3	2	0	0	0	8	11	18	0	1.23	-
	Finchampstead ...	9 9	212	5.4	-0.3	2.5	-	10.6	31	-7.8	14	4.2	5.7	.63	-	.17	27	16	5	3	3	0	0	0	10	11	19	0	1.40	- S
	Hurley ...	9 9	140	5.5	-0.2	2.7	-	11.7	31	-6.1	14	3.1	-	.51	-	.21	27	12	4	3	2	0	0	0	7	12	18	0	0.88	-
	Bracknell ...	9 9	243	5.4	0.4	2.9	-	11.1	31	-6.1	14,18	3.3	5.3	.70	-	.19	27	13	6	3	3	0	0	0	11	9	17	0	-	-
Hampshire	Bournemouth ...	9 9	130	6.2	1.9	4.1	0.4	11.1	31	-2.8	14	4.6	6.2	.54	15	.14	27	14	5	4	2	0	0	0	9	7	12	0	1.01	48
	Hurn ...	21-9	33	6.2	1.9	4.1	-	11.6	31	-4.4	7	-	-	.44	13	.17	27	10	3	3	1	0	0	0	4	9	12	0	-	-
	Christchurch ...	9 9	9	6.7	1.7	4.2	-	11.7	31	-3.3	7	-	-	.39	-	.14	27	8	5	2	1	0	0	0	4	9	18	0	-	-
	Everton ...	9 9	51	6.2	2.0	4.1	-	11.7	31	-2.8	7	-	-	.44	-	.17	27	10	6	3	1	0	0	0	4	6	13	0	1.02	-
	Southampton ¶§	9 9	65	6.8	1.6	4.2	-0.4	11.7	31	-3.3	14	4.5	6.9	.42	12	.17	27	11	5	3	1	0	1	0	5	8	17	0	0.93	51
	Leckford ...	9 9	385	4.9	0.4	2.7	-	10.0	31	-6.7	14	4.0	-	.68	21	.18	27	13	8	-	2	-	-	-	7	9	-	-	1.15	60
	Winchester ...	9 9	122	5.7	0.5	3.1	-	11.1	31	-5.0	17,18	-	6.4	.57	17	.23	27	9	3	2	2	0	0	0	2	12	13	0	-	- S
	Martyr Worthy	9 9	275	-	0.3	-	-	-	-	-6.7	14	-	-	.56	-	.18	27	10	4	2	3	0	0	0	2	12	18	0	1.26	-
	Southsea ...	9 9	7	6.3	2.4	4.3	-0.7	11.7	31	-2.2	14	4.9	6.9	.58	19	.24	12	8	3	2	2	0	0	0	5	4	12	0	1.26	61
	Hayling Island ...	9 9	13	5.9	2.0	3.9	-	11.1	31	-2.8	14	-	-	.59	-	.24	12	7	4	2	2	0	0	0	1	7	-	0	1.31	-
	Long Sutton ...	9 9	512	4.7	0.4	2.5	-0.6	9.4	31	-7.2	14	3.8	6.7	.66	20	.28	27	13	4	3	2	0	0	0	12	8	17	0	1.24	75
	Alice Holt Lodge	9 9	378	4.9	0.2	2.5	-	10.0	31	-6.7	14	-	-	.71	21	.23	12	13	4	3	2	0	0	0	8	9	20	0	1.43	-
	S. Farnborough	21-9	226	5.5	0.7	3.1	-0.8	10.9	31	-12.4	14	-	-	.67	25	.20	12	12	4	4	3	0	0	0	11	12	14	0	1.19	73
I. of Wight	St. Caterine's Pt.	9 9	51	6.4	2.7	4.5	-0.7	9.6	1	-4.3	14	-	-	.78	23	.29	13	7	5	3	-	0	0	0	5	3	-	0	-	-
	Ventnor Park ...	9 9	443	6.3	2.6	4.5	-0.8	10.0	1,31	-1.7	13	4.9	7.3	1.07	29	.41	12	14	8	3	2	0	0	0	5	3	6	0	1.36	58
	Shanklin ...	9 9	180	6.1	2.4	4.3	-	10.6	31	-2.8	7	-	-	.91	-	.32	12	11	5	2	2	0	0	0	12	4	-	0	1.22	-
	Sandown ...	9 9	13	6.4	2.6	4.5	-0.8	11.1	31	-1.1	7,13,14	-	-	.81	23	.27	12,27	10	4	2	2	0	0	0	4	3	-	-	1.22	55
	Ryde ...	9 9	15					11.1	31	-2.2	7	-	-	.55	16	.21	27	10	3	2	1	0	0	0	3		-	0	1.20	59
Wiltshire	Lacock ...	9 9	160	5.8	0.2	3.0	-	11.1	31	-9.4	14	-	-	.55	-	.20	27	9	5	-	3	-	-	-	8	11	20	-	-	-
	West Lavington	9 9	305	5.2	0.4	3.3	-	10.0	31	-7.8	14	-	-	.61	20	.17	27	11	4	1	2	1	0	0	6	9	-	0	-	-
	Lyneham ...	21-9	476	4.8	0.9	2.9	-	9.6	31	-9.2	14	-	-	.67	24	.19	27	9	5	3	2	0	0	0	9	10	9	0	1.23	-
	Chiseldon ...	9 9	510																											
	Larkhill ...	9 9	431	5.2	0.2	2.7	-0.6	10.1	31	-7.3	14	-	-	.52	19	.18	27	12	5	2	2	0	0	0	7	13	17	0	-	-
	Boscombe Down	21-9	414	4.9	1.0	2.9	-0.7	9.8	31	-5.1	18	-	-	.46	16	.13	27	9	5	3	2	0	2	0	6	9	16	0	0.98	54
	Upavon ...	21-9	578	4.5	0.9	2.7	-	9.2	31	-5.5	14	-	-	.61	-	.21	27	11	7	4	2	0	0	0	6	9	16	0	-	-
	Porton ... ¶§	9 9	364	5.4	0.2	2.8	-0.5	10.2	31	-6.8	14	3.2	-	.47	16	.13	27	8	4	2	2	0	0	0	7	11	17	0	1.01	53
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	7.3	2.2	4.7	-	9.4	1,31	-2.2	16	-	-	1.32	31	.38	27	11	9	-	0	-	-	-	1	3	15	-	1.69	-
	Carlisle ...	21-9	86	6.7	1.9	4.3	-	10.7	31	-3.9	16	-	-	1.26	-	.35	27	10	8	2	0	0	0	0	3	8	11	0	1.67	-
	Newton Rigg ¶§	9 9	560																											
	Spadeadam ...	9 9	900	4.7	0.1	2.4	-	8.3	31	-5.0	17,24	2.2	3.7	2.77	-	.64	29	17	11	4	0	1	0	0	5	11	18	1	1.55	-
Westmorland	Ambleside ...	9 9	151	6.4	-0.1	3.1	-	10.6	31	-8.3	18	-	-	3.17	34	1.36	27	9	7	0	0	0	0	0	6	11	-	0	1.21	103 S

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a ENGLAND, N.W.—cont.																														
Westmorland	Great Dun Fell	21-9	2780	1.2				4.5	19,31			-	-	-	-	-	-	-	-	-	7	-	-	-	23		-	-	1.02	-
—cont.	Moor House ...	9 9	1825	3.3	-1.6	0.9	-	7.2	31	-8.3	6	1.5	-	4.59	-	1.02	29	17	13	-	8	-	-	-	3	20	23	-	1.60	-
Lancashire	Squires Gate ...	21-9	33	6.1	1.2	3.7	0.0	9.7	2	-6.2	14	-	-	1.03	32	.25	13	12	7	2	1	0	0	0	7	8	16	0	1.53	98
	Urswick	9 9	130	6.4	1.1	3.7	-	10.0	31	-2.8	18	-	-	1.65	-	.41	27	12	9	1	0	0	0	0	8	8	-	-	-	-
	Southport ...	9 9	16	6.2	0.3	3.3	-	9.4	29	-7.2	14	3.6	7.7	1.23	-	.25	30	15	8	-	1	-	-	-	7	12	20	-	1.44	-
	Poulton-le-Fylde	9 9	38	6.4	1.2	3.8	-	10.0	2	-6.1	14	-	-	1.21	-	.29	13	13	9	1	1	0	0	0	6	12	-	0	-	-
	Grizedale ...	9 9	300	6.2	-0.6	2.8	-	10.0	31	-7.2	18	3.2	-	3.93	-	1.12	27	14	11	0	0	0	0	0	1	15	24	0	-	-
	Speke	21-9	80	6.4	2.0	4.2	-	11.6	31	-4.4	14	-	-	.79	28	.23	30	9	7	2	1	0	0	0	4	9	12	0	1.17	-
	Kirkham ...	9 9	78	6.2	0.7	3.3	-	9.4	7,31	-5.0	14	-	-	1.31	36	.30	13	13	8	1	1	0	0	0	4	15	25	0	1.39	-
	Garstang ...	9 9	68	6.7	1.3	4.0	-	10.0	31	-2.8	14	-	-	1.31	-	.30	27	13	8	-	1	-	-	-	2	11	18	-	1.47	-
	Morecambe ...	9 9	24	6.3	1.9	4.1	+0.4	8.9	31	-2.2	18	-	-	1.38	36	.39	27	14	8	0	0	0	0	0	2	5	-	0	1.52	101
	Preston	9 9	108	6.2	1.2	3.7	-	10.0	31	-3.9	18	-	-	1.50	39	.35	13	12	9	2	1	0	1	0	8	12	17	0	-	-
	Stonyhurst ¶§	9 9	377	5.8	0.8	3.3	+0.3	9.4	31	-5.0	18	-	-	2.67	54	.73	29	11	11	-	1	-	-	-	5	11	13	-	1.17	85
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.03	-
	Helmshore ...	9 9	854	4.6	0.6	2.6	-	8.9	31	-3.3	14,17	3.1	-	2.37	36	.58	27	16	8	-	1	-	-	-	4	14	19	-	1.28	-
	Burnley	9 9	655	5.2	0.8	3.0	-	8.9	29,31	-5.0	18	3.4	5.0	1.77	-	.40	29	14	11	1	1	0	0	0	1	11	23	0	1.35	-
	Nelson	9 9	540	6.1	0.6	3.3	-	9.4	1,4,31	-5.6	18	2.6	5.1	1.65	35	.42	29	13	6	-	1	-	-	-	9	13	21	-	0.85	- S
	Rochdale ...	9 9	362	5.4	0.2	3.8	-	10.0	31	-7.2	18	-	-	1.86	-	.52	27	14	10	1	1	1	0	0	11	15	20	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	6.3	2.2	4.3	+0.3	11.7	31	-2.8	14,18	-	-	.54	21	.24	30	9	6	-	-	-	-	-	8	7	9	-	1.44	92
	Winnington ...	9 9	65	6.7	1.6	4.1	-	11.7	31	-2.2	14,18,21	-	-	.74	25	.17	27	7	6	0	0	0	0	0	5	8	15	1	-	-
	Knutsford ...	9 9	212	6.1	0.7	3.4	-	11.7	31	-4.1	17	2.6	4.9	.90	-	.23	27	10	6	-	0	-	-	-	1	12	20	-	-	-
	Ringway ¶§	21-9	248	6.0	1.8	3.9	+0.5	11.0	31	-3.5	17	-	-	.89	30	.31	27	8	6	2	0	0	0	0	1	9	13	0	1.40	128
	Macclesfield ...	9 9	500	5.3	1.1	3.2	+0.4	10.0	31	-3.3	18	-	-	1.12	33	.30	27	12	6	1	0	1	0	0	3	4	-	0	-	-
7b NORTH WALES																														
Flint	Rhyl	9 9	31	7.4	2.3	4.9	+0.1	11.1	2,31	-2.8	14,15	-	-	.49	19	.16	30	8	4	2	0	0	0	0	0	7	8	1	1.73	107
	Prestatyn ...	9 9	12	7.7	-	-	-	12.2	31	-	-	-	-	.50	18	.19	30	10	3	2	0	0	0	0	0	-	-	0	1.45	96
	Hawarden Bridge	9 9	17	6.9	0.9	3.9	-0.2	12.8	31	-4.4	17,18	-	-	.45	18	.10	23,27	8	5	1	0	0	0	0	4	9	-	0	-	-
Anglesey	Valley	21-9	33	7.9	4.1	6.0	+0.4	11.3	31	-3.9	14	-	-	.97	27	.25	30	11	6	0	0	1	0	0	0	5	6	2	1.49	80
Denbigh	Colwyn Bay ...	9 9	118	7.8	2.6	5.2	0.0	11.7	31	-4.4	14,17	4.9	-	.39	13	.12	23	7	4	0	0	0	0	0	0	6	-	0	1.63	101 S
	Alwen	9 9	1100	5.2	-1.0	2.1	-	9.4	31	-11.1	14	-	-	1.59	-	.43	27	13	9	-	-	-	-	-	-	16	22	-	-	-
	Ruthin	9 9	248	7.7	1.3	4.5	-	10.6	10,11	-4.4	14	-	-	.57	-	.20	27	8	5	-	0	-	-	-	0	11	-	-	1.77	-
	Loggerheads ...	9 9	690	6.1	0.1	3.1	-	10.6	31	-7.8	14	2.9	4.9	1.02	-	.22	23	8	7	2	0	0	0	0	1	14	17	0	-	-
	Bwlchgwyn ...	9 9	1267	4.5	-0.3	2.1	-	8.9	31	-7.2	14	3.2	-	1.22	-	.26	27	13	8	2	2	0	0	0	3	17	24	0	-	-
	Wrexham ...	9 9	275	7.0	0.3	3.7	-	12.2	31	-6.1	14	3.3	5.2	.46	-	.18	27	9	3	1	0	0	0	0	3	14	23	0	-	-
Caernarvon	Bardsey Island ...	21-9	61																											
	Botwnnog ...	9 9	112	7.9	2.9	5.4	-	11.7	31	-3.3	14	5.2	6.8	1.45	-	.37	27	12	8	2	0	0	0	0	0	7	13	0	1.41	-
	Bryn Adda ...	9 9	275	7.8	2.5	5.1	-	10.6	17	-2.8	14	-	-	1.96	-	.48	30	13	11	1	0	0	0	0	0	7	18	0	1.33	-
	Cwm Dyli ...	9 9	324	6.9	2.0	4.5	-	11.7	31	-6.1	18	5.0	-	5.77	-	1.57	27	18	11	-	0	-	-	-	1	9	12	-	-	-
	Aber	9 9	60	8.7	3.4	6.1	+0.4	13.9	2	-2.2	18	-	-	1.43	31	.36	30	12	8	1	0	0	0	0	1	5	12	0		
	Llandudno ¶§	9 9	13	7.7	3.2	5.5	0.0	11.1	1,4,31	-2.8	14									1	0	0	0	0	0	5	-	0		
Merioneth	Llyn Stwlan ...	9 9	1656																											
	Blaenau Ffestiniog	9 9	750	6.7	-	-	-	10.0	7	-	-	-	-	4.12	-	1.14	27	15	14	1	1	0	0	0	2	-	-	0	0.85	- S
	Corwen	9 9	473	5.4	-1.2	2.1	-	8.9	1,2,31	-7.2	14	-	-	1.35	-	.38	27	12	10	1	0	0	0	0	-	20	26	0	-	-
Montgomery	Ceinws	9 9	200																											
	Lake Vyrnwy ...	9 9	995	4.9	-0.3	2.3	-	10.0	31	-7.8	18	2.8	-	2.01	25	.64	27	13	10	2	2	1	0	0	5	15	20	0	-	-
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	378	6.7	3.0	4.9	-0.2	10.4	31	-4.3	14	-	-	.80	17	.42	30	6	4	1	0	0	0	0	0	7	12	2	1.29	-
	Aberystwyth ...	9 9	12	7.7	2.8	5.3	+0.2	11.7	4,8	-4.4	14,16,17	-	-	.85	-	.21	5	13	6	-	0	-	-	-	0	7	-	-	-	-
	„ P.B.S.*	9 9	452	7.1	1.8	4.5	0.0	9.4	5,20	-6.1	14	-	-	1.33	36	.38	30	12	8	1	0	0	0	0	4	9	17	0	1.29	72
	Gogerddan ...	9 9	103	7.6	1.4	4.5	-	10.6	31	-6.7	14	-	-	1.20	30	.29	30	13	8	0	0	0	0	0	1	13	8	0	1.38	-
	Swyddffynnon ...	9 9	540	6.6	1.1	3.9	-	10.0	3,30	-5.0	14	-	-	1.65	-	.70	30	12	8	-	2	-	-	-	2	14	20	-	-	-
	Trawscoed ...	9 9	200	7.8	1.7	4.7	-	10.0	5,19,31	-6.7	14	3.6	-	1.49	31	.48	30	13	7	1	0	0	0	0	2	12	17	0	1.34	- S
	Llety-evan-hen ...	9 9	950	5.6	1.6	3.6	-	8.9	19	-5.6	14	-	-	1.96	-	.56	30	13	11	1	0	0	0	0	4	7	16	0	1.30	84
	Cwmystwyth ...	9 9	989	5.6	0.7	3.1	-	9.4	19	-6.1	14	-	-	3.27	-	1.00	30	13	11	2	2	0	0	0	-	15	20	0	-	-
Pembroke	Dale Fort ...	9 9	109	7.7	4.2	5.9	-	11.1	2,31	-3.9	14	6.1	-	.92	-	.22	18	8	6	1	0	0	0	0	1	2	11	0	1.34	-
	Brawdy	9 9	360	6.7	1.6	4.1	-	10.0	31	-7.2	14	-	-	1.20	-	.26	30,31	7	7	1	0	0	0	0	2	8	13	0	1.29	-
	Haverfordwest ...	9 9	131	7.7	3.1	5.4	+0.2	11.7	31	-3.3	13	-	-	1.42	27	.32	19	9	8	0	0	0	0	0	2	9	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	7.2	1.3	4.3	-	11.7	31	-5.0	14	4.7	6.2	1.11	-	.37	30	10	5	1	0	0	0	0	4	12	7	0	1.44	-
Radnor	Llandrindod Wells ¶§	9 9	772	5.3	0.3	2.8	0.0	10.0	31	-8.9	14	3.9	-	.92	20	.18	12	11	7	2	2	0	0	0	6	14	-	0	0.93	72
Brecknock	Llwynon ...	9 9	860	5.4	0.3	2.9	-	10.0	31	-5.6	13	-	-	1.52	-	.38	27	11	9	2	0	0	0	0	4	12	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117	6.5	3.5	5.0	-	10.5	31	-2.1	14	-	-	-	-	-	-	-	-	1	0	0	0	0	2	4	11	0	-	-
	Swansea ...	9 9	27	7.2	2.9	5.1	-0.2	11.1	31	-2.8	14	4.6	7.6	.98	21	.32	30	8	6	0	0	0	0	0	2	2	-	0	1.28	74
	Port Talbot ...	9 9	24	7.7	2.4	5.1	-	10.6	31	-2.8	14	-	-	.80	-	.38	30	9	6	2	1	0	0	0	1	6	15	-	1.13	-
	Neath	9 9	202	7.6	2.6	5.1	-	10.6	1,3,31	-3.9	14	-	-	.86	-	.33	30	8	6	1	0	0	0	0	1	2	16	0	-	-
	Rhoose	21-9	220	5.5	1.8	3.7	-	8.8	1,31	-4.8	14	-	-	.73	19	.25	30	10	6	2	2	0	0	0	5	10	11	0	0.83	-
	Cardiff ... ¶§	9 9	202																											
Monmouth	Tredegar ...	9 9	1028	4.8	0.4	2.6	-	10.0	31	-6.1	14	-	-	1.13	-	.27	27	9	8	2	2	0	0	0	18	12	20	0	0.59	- S
	Newport ...	9 9	75	5.8	1.6	3.7	-0.4	12.2	31	-5.0	14	-	-	.72	16	.32	27	10	4	2	1	0	0	0	7	7	18	0	0.72	-
	Usk	9 9	70	6.3				12.8	31	-7.2	18	3.8	-							4	2	0	0	0	5		23	0	0.87	-
	Crumbland Plantation	9 9	804	4.9	0.6	2.7	-	11.1	31	-7.8	14	3.2	5.0	.60	-	.19	12	13	6	2	3	0	0	0	11	12	18	0	1.05	-
8b ENGLAND, S.W.																														
Somerset	Hawkridge ...	9 9	1030	5.1	0.4	2.7	-	8.9	20,31	-6.1	14	-	-	1.74	-	.50	27	14	8	-	2	-	-	-	-	12	22	-	1.04	-
	Cannington ...	9 9	95	6.3	1.8	4.1	-	12.2	31	-5.6	14	5.2	-	.54	19	.13	27,30	7	6	-	-	-	-	-	5	6	16	-	0.87	48
	Weston-s.-Mare	9 9	28	6.2	1.9	4.1	-0.7	9.4	31	-5.0	14	-	-	.52	17	.18	27	8	5	2	2	0	0	0	9	7	11	0	0.86	48
	Long Ashton ...	9 9	162	6.1	1.2	3.7	-0.6	10.0	1,31	-5.6	14	4.8	-	.68	20	.23	27	9	7	2	2	0	0	0	5	7	21	0	0.91	58
	Wincanton ...	9 9	375	5.6	0.8	3.2	-	11.1	31	-4.4	14	-	-	.79	-	.21	27	11	8	3	2	0	0	0	10	12	23	0	-	-
	Bath City Boys' School	9 9	388	5.7	1.2	3.5	-	10.6	2,5	-6.7	14	4.6	-	.60	-	.19	27	8	4	2	3	0	0	0	10	12	-	0	0.86	-
Dorset	Lyme Regis ...	9 9	200	6.7	2.1	4.4	-	11.1	31	-3.3	14	-	-	.75	-	.25	27	10	6	2	2	0	1	0	3	5	12	0	1.17	-
	Portland Bill ...	21-9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	0	0	0	-	-	-	0	-	-
	Weymouth ...	9 9	16	6.8	2.9	4.9	-0.7	10.6	29,31	-2.2	14	-	-	.58	18	.15	27	9	6	-	0	-	-	-	2	5	-	-	1.13	56
	Winfrith ...	9 9	85	6.6	1.1	3.9	-	11.7	31	-3.9	7,14	-	-	.45	-	.22	27	10	4	-	0	-	-	-	5	11	15	-	-	-
	Shaftesbury ...	9 9	680	4.9	0.8	2.9	-0.5	10.0	31	-5.6	14	-	-	.79	23	.15	14	12	9	-	2	-	-	-	8	9	-	-	-	-
	Swanage ...	9 9	37	6.8	3.0	4.9	-	11.7	31	-1.1	7,13	-	7.3	.44	-	.17	27	7	3	2	-	0	0	0	5	5	5	0	0.98	47
	Poole	9 9	18	6.6	1.6	4.1	-	11.7	31	-3.3	14	-	-	.41	-	.15	27	8	3	1	2	0	0	0	6	7	-	0	1.01	48

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER January 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b	ENGLAND, S.W.—cont.																													
Devon	Clawton	9 9	412	6.7	-0.4	3.1	-	10.0	31	-6.7	25	-	-	1.34	-	.45	30	15	8	2	2	0	1	0	4	16	-	0	-	-
	Hartland Point ...	21-9	298	6.8	3.6	5.2	-	10.2	1	-2.5	14	-	-	.71	-	.24	30	8	5	2	1	0	1	0	1	3	6	0	2.25	127
	Mount Batten ...	21-9	87	7.4	3.7	5.5	-0.7	11.9	31	-1.5	12	-	-	.83	19	.24	23	9	5	2	2	0	2	0	1	3	11	0	1.23	63
	Plymouth, The Hoe	9 9	119	7.9	3.7	5.8	-0.2	13.3	29	-1.7	12	6.0	7.9	.80	19	.24	23	11	5	2	0	0	0	0	2	3	16	0	1.28	65
	Tavistock ...	9 9	457	6.9	2.2	4.5	-0.5	10.6	31	-1.7	12,13,14	-	7.2	.91	-	.30	30	11	6	2	-	0	0	0	1	6	21	2	-	-
	Chivenor ...	21-9	20	7.4	2.8	5.1	-	10.8	2	-3.1	14	-	-	.71	-	.15	27	9	6	2	1	0	0	0	3	7	14	0	1.55	-
	Ilfracombe ...	9 9	25	7.0	3.4	5.2	-1.2	10.6	31	-2.2	14	5.3	7.9	.83	20	.21	27	8	6	0	0	0	0	0	0	1	12	1	-	-
	Totnes	9 9	120	7.5	2.3	4.9	-	12.2	31	-2.2	10,12	5.9	7.8	.94	17	.32	27	16	5	2	2	0	0	0	4	9	19	0	1.27	-
	Slapton	9 9	104	7.8	3.7	5.7	-	11.7	31	-0.6	13,14	-	-	1.10	-	.31	27	12	7	2	1	0	0	0	2	4	6	0	-	-
	Newton Abbot ...	9 9	272	6.9	2.3	4.6	-0.5	11.7	31	-2.8	14	-	-	.62	13	.14	27,30	14	4	1	2	0	0	0	5	6	8	0	1.25	63
	Paignton ...	9 9	8	7.8	3.3	5.5	-	12.8	31	-1.1	12	-	-	.60	13	.17	27	12	5	2	1	0	0	0	2	4	8	0	1.07	57
	Torquay ...	9 9	26	7.7	3.4	5.5	-0.4	12.8	31	-0.6	13	-	7.4	.56	14	.17	27	10	4	2	1	0	0	0	3	1	6	0	1.19	58
	Teignmouth ¶§	9 9	20	7.7	3.6	5.7	-0.4	12.8	31	-1.1	14,15	-	-	.59	16	.12	27	9	6	2	0	0	0	0	1	4	15	0	0.98	48
	Starcross ...	9 9	29	7.0	2.6	4.8	-	12.2	31	-2.2	14	5.3	-	.54	14	.10	19,31	12	4	2	1	0	0	0	4	5	11	0	0.97	-
	Exeter, Southam	9 9	160																											
	Exmouth ...	9 9	195	6.8	2.5	4.7	-0.4	12.8	31	-2.2	12,13,14	-	-	.55	15	.13	19	9	5	2	2	0	0	0	4	4	-	0	1.00	49
	Exeter	21-9	106	6.7	2.5	4.6	-	11.3	31	-3.0	14	-	-	.67	18	.19	31	9	6	2	2	0	0	0	4	9	17	0	0.86	-
	Sidmouth ...	9 9	25	7.2	2.4	4.8	-0.6	11.7	31	-2.8	14	-	-	.70	-	.15	19,30	7	6	-	1	-	-	-	0	6	7	-	0.83	41
Cornwall	St. Mary's, Scilly	21-9	158	9.4	6.7	8.1	+0.4	12.4	20	0.4	13	-	-	1.33	37	.37	26	12	8	1	0	0	0	0	1	0	-	0	1.47	74
	Penzance ...	9 9	62	9.1	4.9	7.0	-0.2	12.2	31	-1.1	13	-	-	1.78	36	.65	18	12	7	1	1	0	0	0	1	2	12	0	1.60	82
	Gulval	9 9	50	8.9	5.0	6.9	0.0	12.2	31	-1.1	13	-	-							-	0	-	-	-	2	2	6	-	1.54	81
	Culdrose ...	9 9	268	8.2	4.2	6.2	-	11.1	31	-1.7	12,13	-	-	.86	-	.19	18	10	7	3	0	0	0	0	2	4	9	0	1.87	-
	Rosewarne ...	9 9	250	8.2	4.2	6.2	-	11.1	31	-2.2	13	6.1	7.4	.70	16	.19	13	11	5	2	1	1	0	0	1	4	12	2	1.94	-
	Lizard	9 9	240	8.7	4.8	6.7	-0.4	10.6	31	-0.6	13	-	-	1.24	31	.35	23	13	7	1	-	0	0	0	-	3	-	0	2.13	-
	Falmouth ¶§	9 9	167	8.3	4.7	6.5	-0.2	11.7	31	-1.7	13	-	-	.73	14	.20	18,27	8	4	1	0	0	0	0	2	2	10	0	1.58	80
	Newquay ...	9 9	176	7.9	3.6	5.7	-0.6	10.6	31	-1.7	13	-	-	.41	11	.11	30	8	4	1	-	1	0	0	-	5	-	0	1.91	101
	St. Mawgan ...	21-9	337	7.4	3.6	5.5	-	10.7	31	-2.8	11	-	-	.61	-	.19	27	9	5	3	0	1	1	-	3	4	10	-	1.91	-
	St. Austell ...	9 9	310	7.6	3.8	5.7	-	11.1	31	-1.1	13	-	-	1.34	24	.39	18	11	6	1	2	0	0	0	2	3	-	0	-	-
	Fowey	9 9	51	8.3	4.2	6.3	-0.2	12.2	31	-1.1	12	-	-	.72	-	.18	27	8	5	2	1	0	0	0	0	4	-	0	-	-
	Bude	9 9	50	7.7	2.2	4.9	-1.0	11.1	31	-3.3	14	3.4	-	.71	19	.25	30	11	4	-	2	-	-	-	-	10	-	-	1.95	102
	Ellbridge ...	9 9	190	-	2.4	-	-	-	-	-2.2	12,14	-	-	1.09	23	.20	19,30	14	6	2	1	0	0	0	3	6	17	0	1.25	62
9	NORTHERN IRELAND																													
Londonderry	Loughermore Forest	9 9	570	6.9	1.9	4.4	-	10.6	1,31	-2.2	21	-	-	2.18	-	.46	29	14	11	1	0	0	0	0	0	3	19	0	-	-
	Ballykelly ¶§	21-9	6	8.2	3.7	5.9	+1.5	12.5	2	-2.7	5,21	-	-	1.84	50	.49	30	11	10	1	0	2	0	0	0	3	13	1	1.42	90
	Derrynoyd Forest	9 9	290	7.6	2.3	4.9	-	11.7	31	-1.1	17	-	-	2.47	-	.66	28	15	11	1	0	0	0	0	1	3	16	0	-	-
	Somerset Forest	9 9	140	7.7	2.3	5.0	-	11.1	2,31	-1.7	21	-	-	2.10	-	.52	29	16	11	0	0	0	0	0	2	3	15	0	-	-
	Garvagh Forest	9 9	290	7.5	1.8	4.7	-	11.1	31	-2.2	21	-	-	2.56	-	.53	30	19	12	3	0	0	0	0	0	5	21	0	-	-
	Moneydig ¶	21-9	112	7.4	2.9	5.1	+1.0	11.4	31	-1.9	5	4.7	-	2.11	51	.43	3	16	12	2	0	1	1	0	2	3	14	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	1.80	-	.48	3	13	10	-	-	-	-	-	-	-	-	-	1.39	-
	Lisnafillan ...	9 9	124	7.7	2.1	4.9	-	12.2	31	-2.8	5	-	-	1.97	-	.35	3	15	12	1	0	0	0	0	3	5	19	0	0.95	-
	Aldergrove ¶§	21-9	225	7.2	2.8	5.0	+1.3	10.7	2	-2.3	5	5.1	7.2	1.94	-	.42	3	12	9	2	0	1	0	0	0	3	12	2	0.89	61
	Greenmount ...	9 9	105	7.6	2.3	4.9	-	11.7	31	-3.3	5	4.7	-	1.60	-	.37	3	11	9	-	-	-	-	-	-	6	13	-	-	-
	Black Mountain	21-9	959	5.4	2.1	3.7	-	8.6	31	-1.1	14	-	-	2.16	-	.43	27	14	10	1	1	0	0	1	9	2	-	2	-	-
	Ballypatrick Forest	9 9	500	7.1	2.9	5.0	-	10.6	1,31	0.6	5,16,17	-	-	2.57	-	.55	30	16	8	1	0	1	0	0	0	0	7	0	-	-
	Larne	9 9	140	8.0	3.3	5.7	-	11.7	31	0.6	21	-	-	2.15	-	.42	3	14	10	1	0	0	1	0	0	0	-	0	-	-
	Kilroot	9 9	71	8.1	3.4	5.7	-	11.1	31	0.0	24	-	-	1.39	-	.32	30	10	9	-	-	-	-	-	2	0	11	-	-	-
Down	Newry Abbey ...	9 9	32	8.2	2.5	5.3	-	12.2	31	-2.8	24	-	-	2.00	-	.37	13	10	9	0	0	0	0	0	5	4	-	0	-	-
	Hillsborough §	9 9	379	7.3	2.8	5.1	+1.4	11.1	31	-0.6	24	5.2	-	1.32	35	.29	27	10	8	0	0	0	0	1	1	2	16	0	0.71	46
	Kilkeel	21-9	58	8.0	3.9	5.9	-	12.2	31	0.0	21,27	-	-	1.29	-	.29	13	12	8	0	0	0	0	0	0	0	9	1	0.97	-
	Tollymore Park	9 9	249	8.1	3.2	5.7	-	11.1	31	0.0	24	-	-	1.30	-	.35	27	11	9	0	0	0	0	0	0	1	17	0	-	-
	Stormont Castle	9 9	185	7.8	2.9	5.3	-	13.3	31	0.0	26	4.8	6.1	1.27	-	.28	27	13	8	0	0	0	0	0	2	1	19	0	0.97	-
	Crossgar ...	9 9	119	7.9	3.1	5.5	-	11.7	30,31	-0.6	21	-	-	.89	-	.23	27	12	7	0	0	0	0	0	3	2	20	3	-	-
	Creighton's Green	9 9	391	6.9	2.8	4.9	-	10.6	31	0.6	14,16,24	-	-	1.54	-	.28	29	15	10	0	0	0	1	0	2	0	12	6	-	-
	Helen's Bay ...	9 9	140	7.5	3.4	5.5	-	11.1	31	1.1	15,17	-	-	1.15	-	.25	29	14	8	0	0	0	0	0	0	0	16	1	-	-
	Bangor	-	-																											
	Killough ...	21 9	50	7.9	4.3	6.1	-	11.5	31	1.2	21	-	-	1.00	-	.18	27	11	9	0	0	0	0	0	0	0	2	4	-	-
	Ballyhalbert ...	9 9	10	7.9	3.6	5.7	-	11.7	31	0.0	17	-	-	.98	-	.18	27	11	9	0	0	0	1	0	0	0	-	2	1.10	-
Armagh	Armagh ¶§	9 9	202	7.9	2.9	5.4	+1.3	11.7	31	-0.0	26	4.8	6.1	1.90	58	.69	3	13	7	1	1	1	0	0	1	1	13	1	0.88	56
	Loughgall ...	9 9	82	8.1	2.2	5.1	-	12.2	31	-2.2	21	-	-	1.68	-	.59	3	12	7	1	0	0	0	0	1	6	12	2	0.86	-
	Glenanne ...	21-9	438	6.9	3.1	5.0	-	11.0	31	-0.5	5	-	-	1.76	-	.67	3	13	8	1	0	0	0	0	1	1	14	1	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	1.54	37	.31	3	12	9	-	-	-	-	-	-	-	-	-	1.02	60
Tyrone	Lough Bradan ...	9 9	554	6.8	1.8	4.3	-	10.6	1	-1.7	26	-	-	3.66	-	.93	30	17	11	-	-	-	-	-	0	3	16	-	0.66	-
	Baronscourt Forest	9 9	290	7.6	2.2	4.9	-	11.7	2	-4.4	22	-	-	2.21	-	.48	3	13	9	2	0	0	0	0	0	6	17	0	-	-
	Carrigans ...	21-9	371	7.1	3.2	5.1	-	11.1	2	-2.8	5	-	-	2.37	-	.48	27	16	11	1	0	1	0	1	0	3	6	1	-	-
	Lislap Forest ...	9 9	685	6.9	1.8	4.3	-	11.1	1,2	-3.3	22	4.7	-	2.66	-	.59	3	17	10	2	0	0	0	0	0	6	18	0	-	-
	Knockmany Forest	9 9	239	7.5	1.4	4.5	-	11.1	1,2,31	-4.4	21	-	-	2.59	-	.59	29	18	11	1	1	0	0	0	0	8	14	0	-	-
	Pomeroy Forest	9 9	540	6.9	2.1	4.5	-	10.6	1,2,31	-1.1	26,27	5.0	-	2.56	-	.60	27	18	11	3	1	0	0	0	0	6	21	0	-	-
	Cookstown ...	9 9	253	7.4	2.1	4.7	-	11.7	31	-1.7	5,21	5.0	-	2.00	-	.43	29	15	8	-	-	-	-	-	-	4	16	-	-	-
Fermanagh	Roscor	9 9	470	7.6	2.3	4.9	-	12.2	31	-1.7	15	-	-	2.72	58	.61	3	20	13	1	0	0	1	0	1	3	15	0	-	-
	Lough Navar Forest	9 9	485	7.5	2.6	5.1	-	11.1	1,2,31	-0.6	24	-	-	3.50	-	.84	29	17	10	2	1	1	0	0	0	3	14	2	-	-
	Ely Lodge ...	21-9	210	7.5	3.4	5.5	-	11.8	31	-1.3	21	5.2	6.6	2.27	-	.52	3	17	12	1	0	0	2	1	1	3	14	0	0.78	-
	Castle Archdale Forest ¶§	9 9	215	7.8	2.2	5.0	+0.9	11.7	2,31	-2.2	5,24,26	5.2	-	2.51	-	.61	30	18	10	1	0	0	0	0	0	5	14	0	0.91	55
	Pubble Forest ...	9 9	290	7.7	1.8	4.7	-	11.7	31	-3.9	28	-	-	2.42	-	.52	30	18	10	1	1	0	0	0	4	7	15	0	-	-
	CHANNEL ISLES																													
Guernsey	States Airport ...	21-9	340	6.6	3.5	5.1	-1.7	10.0	1,31	-2.0	13	5.7	7.7	1.00	27	.20	27	11	9	4	2	0	1	0	4	4	11	0	1.68	-
Alderney	States Airport ...	9 9	288	-	3.2	-	-	-	-	-2.2	14	6.1	-	1.51	-	.42	11	10	8	3	2	0	0	0	1	3	-	0	1.96	-
Jersey	Jersey Airport ...	9 9	273	6.2	1.8	4.0	-	9.9	31	-2.6	23	-	-	.78	21	.18	27	13	6	4	-	1	0	0	9	6	15	0	1.73	-
	St. Helier ...	9 9	28	6.6	2.5	4.5	-2.2	10.0	28,31	-1.7	23,24	-	-	.73	22	.21	27	8	5	2	-	0	0	0	3	6	-	0	1.69	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.89	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. S *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

Table IV—Summary of Observations at Fixed Hours January 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																				
0 SCOTLAND, N.																																												
Zetland — Lerwick Observatory H	3	273	1022.2	-	5.2	1.0	7.5	84	6.5	1	4	2	6	18	0	0	0	0	0	0	1	5	8	13	4	0	9	12	10	0	1	2	1	1	6	10	5	5
	9	273	1021.7	+15.8	5.5	0.9	7.9	86	6.8	0	2	3	12	13	1	0	0	1	1	0	1	7	10	7	4	1	7	12	10	1	1	1	1	4	9	12	1	
	15	273	1021.7	-	5.7	1.0	7.8	84	6.6	0	0	5	17	9	0	0	0	0	0	0	0	3	13	9	6	1	6	19	5	0	4	2	2	0	8	7	6	2
	21	273	1022.0	-	5.2	1.1	7.4	83	6.2	0	4	5	7	15	0	0	0	0	0	0	0	3	13	11	4	1	5	14	10	1	2	2	1	1	8	9	3	4
Orkney — Kirkwall ... H	3	86	1023.4	-	5.2	0.7	7.9	88	6.5	0	3	4	8	15	1	0	1	0	0	0	0	3	4	22	1	0	3	15	12	1	0	2	0	2	9	11	5	1
	9	86	1023.1	-	5.4	0.8	8.0	88	6.1	1	3	5	9	13	0	0	0	0	0	0	0	1	3	24	3	0	5	14	12	0	0	1	1	2	13	5	8	1
	15	86	1022.8	-	6.1	0.9	8.2	86	6.3	0	3	5	12	11	0	0	0	0	0	0	0	2	5	19	5	0	6	17	8	0	0	1	1	3	10	4	11	1
	21	86	1023.1	-	5.5	0.8	8.0	87	5.8	0	6	4	9	12	0	0	0	0	0	0	1	1	3	25	1	0	5	16	10	0	0	2	2	1	12	7	6	1
Caithness — Wick ... H	3	121	1023.6	-	4.9	0.9	7.5	86	5.8	2	3	5	10	11	0	0	0	0	0	0	0	1	2	25	3	0	0	14	16	1	0	1	1	1	13	7	5	2
	9	121	1023.4	+16.7	5.1	0.9	7.6	85	5.6	1	4	5	15	6	0	0	0	0	0	0	0	0	4	19	8	0	3	12	15	1	0	1	1	2	13	6	7	0
	15	121	1023.0	-	6.0	1.0	8.0	85	5.6	0	6	2	18	5	0	0	0	0	0	0	0	1	9	17	4	0	3	14	12	2	0	1	0	3	8	7	8	2
	21	121	1023.3	-	5.2	0.9	7.6	86	5.0	2	7	4	14	4	0	0	0	0	0	0	0	0	4	21	6	0	1	15	14	1	0	2	0	4	11	6	6	1
Sutherland — Cape Wrath ...	3	371	1021.9	-	6.4	1.2	8.0	82	5.7	4	3	2	6	13	3	0	3	0	0	0	0	2	3	4	19	3	5	12	9	2	0	1	1	2	5	13	7	0
	9	371	1021.2	-	6.6	1.3	7.9	81	6.2	1	3	5	8	13	1	0	1	0	0	0	0	2	4	7	17	5	8	10	7	1	1	1	2	2	3	16	5	0
	15	371	1021.2	-	6.9	1.3	8.0	81	6.1	1	3	4	12	9	2	0	2	0	0	0	0	2	4	5	18	2	11	7	8	3	1	1	1	3	14	6	1	
	21	371	1021.6	-	6.6	1.3	7.9	80	6.0	1	4	4	8	14	0	0	0	0	0	0	1	3	1	7	19	2	8	9	10	2	0	2	1	1	4	13	7	1
Ross & Cromarty — Stornoway H	3	16	1023.1	-	6.0	0.5	8.7	91	5.6	5	2	3	8	13	0	0	0	0	0	0	0	3	13	8	7	2	3	11	13	2	0	0	4	0	11	10	4	0
	9	16	1022.9	+17.2	6.5	0.8	8.7	89	6.0	1	4	4	14	8	0	0	0	0	0	0	0	4	10	11	6	1	4	13	11	2	0	0	2	5	11	5	4	2
	15	16	1022.9	-	7.4	0.9	9.1	87	6.1	1	4	2	15	9	0	0	0	0	0	0	0	5	11	9	6	1	5	18	6	1	1	1	1	1	15	6	5	0
	21	16	1023.0	-	6.5	0.7	8.8	90	5.8	3	3	3	6	16	0	0	0	0	0	0	0	3	14	5	9	1	5	15	9	1	1	1	2	1	11	10	4	0
Inverness — Benbecula H	3	21	1023.3	-	6.5	0.6	8.9	91	5.9	1	5	5	6	14	0	0	0	0	0	0	0	6	12	7	6	2	11	14	2	2	0	1	2	3	14	5	2	2
	9	21	1023.1	-	6.8	0.7	9.0	90	6.2	1	1	6	13	10	0	0	0	0	0	0	0	6	10	9	6	2	16	8	3	2	0	1	1	3	13	6	4	1
	15	21	1023.3	-	7.4	0.7	9.3	89	6.2	1	4	3	11	12	0	0	0	0	0	0	0	4	10	9	8	2	14	11	3	1	1	0	2	3	14	5	4	1
	21	21	1023.1	-	6.8	0.7	9.0	90	5.8	2	3	6	8	12	0	0	0	0	0	0	1	4	11	8	7	3	7	16	3	2	1	0	2	3	13	6	4	0
1 SCOTLAND, E.																																												
Moray — Kinloss ... H	3	19	1024.8	-	4.5	1.1	7.1	83	6.2	3	2	3	8	15	0	0	0	0	0	0	0	2	5	17	7	0	0	11	15	5	0	1	2	0	3	15	5	0
	9	19	1024.7	-	4.4	1.2	7.0	82	5.7	0	5	5	16	5	0	0	0	0	0	0	0	2	5	13	11	0	4	9	17	1	1	0	3	2	5	12	6	1
	15	19	1024.3	-	6.9	1.7	7.6	76	5.5	0	6	3	21	1	0	0	0	0	0	0	0	0	5	15	11	0	3	14	13	1	0	0	3	1	6	8	12	0
	21	19	1024.7	-	5.1	1.3	7.2	80	5.4	3	3	5	13	7	0	0	0	0	0	0	0	3	6	15	6	1	1	12	15	2	0	0	3	0	5	14	6	1
Aberdeen — Dyce ... H	3	193	1025.6	-	3.5	1.0	6.7	84	6.0	2	5	2	6	16	0	0	0	0	0	1	2	11	11	4	2	0	0	7	16	8	0	2	0	2	7	4	5	3
	9	193	1025.7	+17.0	2.9	0.9	6.5	85	6.1	0	5	2	18	6	0	0	0	0	1	1	1	9	10	5	4	0	0	11	9	11	2	0	1	2	5	2	7	1
	15	193	1025.0	-	5.6	1.2	7.5	82	6.2	1	3	3	15	9	0	0	0	0	1	1	0	14	10	1	4	0	1	9	15	6	0	1	1	1	12	2	4	4
	21	193	1025.5	-	3.7	0.9	6.9	85	4.8	4	5	6	7	9	0	0	0	0	1	2	2	14	4	7	1	0	0	9	15	7	1	1	1	4	5	6	3	3
Rattray Head ...	3	108	1024.8	-	4.9	1.2	7.1	82	5.5	0	4	6	19	2	0	0	0	0	0	0	0	2	29	0	0	0	1	20	7	3	1	1	0	1	12	4	8	1
	9	108	1024.8	-	4.3	1.0	7.0	83	5.5	0	2	9	18	2	0	0	0	0	0	0	0	2	20	9	0	0	3	12	15	1	1	0	1	2	14	6	6	0
	15	108	1024.4	-	6.0	1.1	7.8	82	5.7	0	3	5	21	1	1	0	0	0	1	0	0	2	23	5	0	0	5	12	11	3	2	0	1	1	14	0	10	0
	21	108	1024.6	-	5.1	1.1	7.4	84	4.9	2	6	7	12	2	2	0	0	0	2	0	0	2	25	2	0	1	4	14	10	2	2	1	1	1	12	4	8	0
Fife — Leuchars ... H	3	38	1026.0	-	3.4	0.7	7.0	89	5.2	5	4	3	6	13	0	0	0	0	1	1	2	8	8	10	1	0	3	6	18	4	1	1	1	2	1	10	11	0
	9	38	1026.1	+16.6	3.3	0.7	6.9	88	5.5	1	6	3	13	7	1	0	1	0	0	1	2	8	7	5	7	0	3	8	17	3	1	1	2	1	1	13	9	0
	15	38	1025.6	-	5.9	1.2	7.7	82	5.7	0	6	5	14	6	0	0	0	0	0	1	3	5	10	8	4	0	3	13	10	5	2	1	2	1	1	11	8	0
	21	38	1026.1	-	4.1	0.8	7.3	87	5.2	3	6	3	6	13	0	0	0	0	0	1	5	8	8	6	3	0	3	9	16	3	1	1	1	2	2	14	6	1
Midlothian — Turnhouse H	3	144	1026.8	-	3.5	0.8	6.9	86	4.9	5	4	5	7	10	0	0	1	0	1	3	1	7	10	7	1	0	2	10	11	8	1	1	4	0	1	12	4	0
	9	144	1026.9	-	3.3	0.8	6.8	86	5.7	1	6	2	14	7	1	0	1	0	1	2	3	8	11	5	0	0	2	13	8	8	0	2	3	0	2	13	3	0
	15	144	1026.5	-	6.0	1.3	7.6	81	6.2	1	2	5	15	8	0	0	0	0	1	4	2	9	11	4	0	0	1	15	9	6	0	4	3	0	1	9	8	0
	21	144	1026.9	-	4.3	0.9	7.3	86	5.4	4	3	4	10	10	0	0	0	1	1	2	2	14	11	0	0	1	1	10	13	6	0	3	3	0	2	9	7	1
6a SCOTLAND, W.																																												
Argyll — Tiree ... H	3	34	1024.6	-	6.7	0.9	8.6	87	5.8	5	2	1	9	14	0	0	0	0	0	0	0	5	15	8	3	1	9	9	10	2	1	3	1	5	10	6	2	1
	9	34	1024.6	+17.3	7.0	0.9	8.8	86	6.3	0	3	4	14	10	0	0	0	0	0	0	1	6	14	4	6	1	11	15	3	1	0	2	1	6	10	4	5	2
	15	34	1024.5	-	7.4	0.9	9.0	86	6.3	1	4	0	12	14	0	0	0	0	0	0	0	5	12	9	5	0	7	19	5	0	2	1	3	5	9	7	3	1
	21	34	1024.7	-	7.0	0.9	8.8	86	6.2	1	5	1	8	16	0	0	0	0	0	0	1	6	11	9	4	1	10	12	7	1	1	3	1	5	10	6	4	0
Rhuvaal ... H	3	63	-	-	6.5	1.2	8.0	82	5.4	0	7	8	7	9	0	0	0	0	0	0	0	0	0	23	8	2	3	14	12	0	1	0	3	5	11	6	1	4
	9	63	-	-	6.6	1.2	8.1	82	6.3	0	2	7	11	11	0	0	0	0	0	0	0	2	4	15	10	3	7	12	9	0	2	0	5	3	9	7	0	5
	15	63	-	-	7.2	1.3	8.4	81	6.3	0	3	7	10	11	0	0	0	0	0	0	0	1	3	17	10	2	6	13	10	0	1	0	4	5	10	2	3	6
	21	63	-	-	6.9	1.3	8.2	81	6.0	0	7	4	7	13	0	0	0	0	0	0	0	1	3	18	9	2	4	16	9	0	1	1	2	6	12	1	5	3
Renfrew — Renfrew ... H	3	29	1026.7	-	4.4	0.6	7.7	90	6.4	2	2	3	8	12	4	0	2	3	1	1	5	2	11	5	1	0	1	6	12	12	0	2	3	0	3	2	9	0
	9	29	1026.9	+16.7	4.4	0.7	7.6	90	6.1	2	2	3	13	9	2	0	2	0	4	2	5	12	5	0	1	0	1	6	18	6	1	3	4	0	2	5	9	1
	15	29	1026.4	-	6.1	1.1	7.9	83	6.6	1	2	2	11	14	1	0	1	1	4	1	6	14	4	0	0	0	1	12	13	5	1	0	6	1	1	6	10	1
	21	29	1026.9	-	5.2	0.8	7.9	88	6.4	2	0	7	4	17	1	0	1	1	4	2	5	14	4	0	0	0	0	9	11	11	0	0	5	0	1	5	9	0
Lanark — Lowther Hill H	3	-			-0.2	0.0	6.0	99	6.5	0	7	0	1	1	22	3	17	2	0	0	0	0	0	7	2	3	5	18	5	0	0	2	6	1	4	6	8	4
	9	-			-0.3	0.0	6.0	99	7.2	0	1	3	2	4	21	4	15	2	0	0	0	1	3	5	1	2	6	16	6	1	1	0	6	1	5	8	6	3
	15	-			0.5	0.1	6.3	99	6.8	1	3	2	3	3	19	3	16	0	0	0	0	0	3	5	4	3	8	14	5	1	0	1	5	1	4	6	6	7
	21	-			0.1	0.0	6.2	99	7.3	1	0	3	1	3	23	4	17	2	0	0	1	0	0	6	1	2	9	17	3	0	2	1	6	1	5	7	5	4
Ayr — Prestwick Airport H	3	69	1026.5	-	4.5	0.7	7.6	88	5.5	2	7	0	10	12	0	0	0	0	0	0	1	5	19	6	0	0	1	7	23	0	0	4	7	4	5	6	5	0
	9	69	1026.7	-	4.4	0.7	7.5	89	6.0	0	4	4	12	11	0	0	0	0	0	0	3	5	17	6	0	0	1	9	21	0	1	2	7	5	5	7	3	1
	15	69	1026.4	-	6.3	1.1	8.0	82	6.3	1	1	5	14	10	0	0	0	0	0	0	1	12	12	6	0	0	0	13	18	0	1	4	4	4	6	5	6	1
	21	69	1026.6	-	5.2	0.8	7.8	87	6.1	3	2	3	8	15	0	0	0	0	0	0	1	11	16	3	0	0	0	9	20	2	1	2	7	2	6	8	2	1
Dumfries — Eskdalemuir Observatory H	3	778	1028.1	-	2.2	0.5	6.7	91	6.0	3	3	3	4	16	2	0	1	1	1	2	1	6	17	2	0	0	0	4	19	8	2	3	4	0	5	6	3	0
	9	778	1028.3	+17.2	1.9	0.5	6.5	90	6.5	1	2	5	7	14	2	0	2	0	1	1	2	6	7	12	0	0	0	3	19	9	2	2	2	0	5	6	4	1
	15	778	1027.4	-	4.2	0.8	7.2	86	6.4	1	4	1	10	14	1	0	1	0	2	1	0	9	7	10	1	0	1	7	18	5	1	4	2	0	5	8	5	1
	21	778	1028.0	-	3.1	0.7	6.9	89	6.5	3	2	1	5	17	3	0	2	1	0	2	3	6	16	1	0	0	1	4	20	6	2	6	1	1	6	4	5	0
Wigtown — Mull of Galloway H	3	260	1027.2	-	5.8	0.8	8.2	88	5.8	3	5	1	6	15	0	0	0	0	2	0	0	6	9	13	1	2	5	21	2	1	2	0	4	2	6	4	11	1
	9	260	1027.4	-	5.7	0.8	8.1	87	5.8	0	4	8	5	12	2	0	2	0	0	0	0	5	8	14	2	2	8	14	7	0	1	0	3	2	6	10	7	2
	15	260	1027.2	-	6.5	0.9	8.5	87	6.8	0	2	3	11	14	1	0	0	1	0	1	0	7	8	13	1	3	5	13	9	1	2	0	4	3	5	5	9	2
	21	260	1027.3	-	6.0	0.8	8.4	89	5.7	3	5	1	5	16	1	1	0	0	0	0	0	6	10	13	1	3	8	14	6	0	2	0	4	4	6	4	7	4
6b ISLE OF MAN																																												
Isle of Man — Ronaldsway H	3	68	1027.6	-	5.9	0.9	8.2	87	6.0	4	0	4	8	15	0	0	0	0	0	1	2	5	9	7	7	0	8	15	8	0	2	4	4	3	4	6	8	0
	9	68	1028.0	-	5.9	0.8	8.3	88	6.6	0	2	2	17	10	0	0	0	0	1	0	0	7	14	4	5	1	8	11	9	2	2	2	5	4	3	6	6	1
	15	68	1027.6	-	7.2	1.1	8.6	85	6.5	1	2	2	14	11	1	0	0	1	0	0	0	9	11	5	5	1	8	9	13	0	1	3	5	2	5	5	7	3
	21	68	1027.9	-	6.3	0.9	8.4	87	6.2	1	4	3	5	17	1	0	0	1	0	0	0	10	11	5	4	0	9	7	13	2	2	2	3	6	4	5	4	3
Northumberland — Acklington H	3	30	1027.2	-	5.7	0.8	8.0	87	5.0	2	5	7	14	3	0	0	0	0	0	0	0	6	9	15	0	0	8	12	10	1	2	3	2	7	7	5	4	0
	9	30	1027.5	-	5.6	0.9	7.9	86	5.7	1	2	8	16	4	0	0	0	0	0	1	0	4	11	15	0	1	6	13	11	0	1	3	3	7	8	4	5	0
	15	30	1027.3	-	7.1	1.1	8.5	83	6.0	0	4	4	18	5	0	0	0	0	1	1	0	1	11	15	2	0	5	15	11	0	0	5	3	3	7	8	5	0
	21	30	1027.5	-	6.2	0.9	8.3	86	5.1	2	6	4	17	2	0	0	0	0	1	0	0	3	13	14	0	0	7	17	7	1	0	4	1	7	6	3	7	1
2 ENGLAND, N.E.																																												
Northumberland — Acklington H	3	151	1027.4	-	3.3	0.6	7.0	89	5.7	4	1	6	7	13	0	0	0	0	1	1	4	5	8	8	4	0	1	11	18	1	1	2	2	1	5	7	11	1
	9	151	1027.7	-	3.5	0.7	7.1	88	5.7	1	5	4	10	11	0	0	0	0	0	1	3	9	6	8	4	0	2	9	20	0	1	2	2	1	5	12	7	1
	15	151	1027.0	-	5.6	1.1	7.7	83	6.2	1	2	6	11	11	0	0	0	0	0	2	6	4	10	6	3	0	1	14	16	0	3	3	1	2	7	4	10	1
	21	151	1027.5	-	4.0	0.6	7.4	89	4.9	6	3	5	4	13	0	0	0	0	0	3	6	5	11	3	3	0	0	12	17	2	0	3	0	3	7	5	7	4

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS January 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility, Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations, Force (0-12), Beaufort Force, Speed in knots: 8 or more / 34 or more	6, 7 / 22 to 33	4, 5 / 11 to 21	1 to 3 / 1 to 10	Calm / 0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																
2 ENGLAND, N.E. —cont.																																								
Tynemouth H	3	130	1027.9	-	4.5	1.1	7.3	85	6.1	3	1	4	11	12	0	0	0	0	0	2	1	5	15	8	0	0	1	19	10	1	2	1	4	1	5	4	13	0
	9	130	1028.1	+16.7	4.0	0.8	7.1	86	5.5	1	4	6	12	8	0	0	0	0	0	8	8	8	6	1	0	0	1	15	15	0	1	2	2	1	8	5	10	2
	15	130	1027.5	-	5.9	1.3	7.6	81	5.9	1	1	8	11	10	0	0	0	0	1	7	5	9	7	2	0	0	5	14	12	0	3	3	1	1	10	1	12	0
	21	130	1027.9	-	5.0	0.9	7.6	86	5.1	7	1	4	9	10	0	0	0	0	1	4	3	11	9	3	0	0	3	16	11	1	1	2	2	2	7	1	14	1
Durham: Middleton St. George H	3	118	1028.2	-	2.9	0.8	6.5	86	5.1	5	4	2	9	11	0	0	0	0	3	5	6	8	4	5	0	0	0	6	23	2	2	1	3	0	10	9	2	2
	9	119	1028.6	-	2.6	0.8	6.4	86	4.9	0	10	5	7	8	1	0	0	1	3	2	7	7	4	5	2	0	0	7	22	2	1	3	2	0	11	9	2	1
	15	118	1028.0	-	5.2	1.3	7.1	79	5.7	2	3	5	12	9	0	0	0	1	1	5	4	10	5	5	0	0	0	10	20	1	1	2	1	2	9	6	6	3
	21	119	1028.4	-	3.6	0.9	6.8	84	5.2	5	2	5	8	10	1	0	0	0	3	4	6	11	3	4	0	0	0	9	19	3	2	2	2	1	8	8	4	1
Yorks., N.Riding: Dishforth ... H	3	131	1028.6	-	1.8	0.5	6.5	92	5.5	6	3	0	8	10	4	1	4	2	2	1	2	9	5	4	1	0	1	5	20	5	2	4	2	5	3	3	3	4
	9	131	1029.3	-	1.6	0.5	6.3	91	5.5	2	7	1	9	8	4	0	4	3	1	2	2	7	7	4	1	0	0	3	25	3	4	3	3	3	7	3	3	2
	15	131	1028.4	-	4.8	1.0	7.3	84	5.2	2	5	6	12	4	2	0	0	3	0	4	10	4	2	4	4	0	1	8	19	3	2	1	3	5	7	1	5	4
	21	131	1028.8	-	2.6	0.6	6.8	91	5.0	7	4	1	6	10	3	0	2	2	3	4	4	5	6	4	1	0	1	6	19	5	0	2	3	5	7	4	3	2
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1027.9	-	3.6	0.9	6.8	86	5.0	0	8	6	10	7	0	0	0	0	0	1	3	9	14	3	1	1	1	14	15	0	3	1	4	1	10	7	5	0
	15	210	1027.2	-	5.7	1.3	7.4	80	5.4	0	7	4	11	9	0	0	0	0	0	1	4	9	12	5	0	0	1	17	12	1	0	2	3	1	6	5	10	3
	21	210	1027.5	-	4.4	0.9	7.2	85	5.1	5	3	7	6	10	0	0	0	0	0	1	5	15	10	0	0	0	2	14	15	0	0	2	3	0	10	6	7	3
Yorks., E. Riding: Leconfield H	3	28	1028.8	-	2.6	0.6	6.7	90	5.5	3	7	0	5	13	3	1	0	1	1	5	4	11	2	6	0	0	0	11	16	4	2	2	3	0	5	2	11	2
	9	28	1029.3	-	2.1	0.5	6.5	90	5.4	3	5	3	9	9	2	0	1	1	5	3	4	9	5	3	0	0	0	7	20	4	1	4	3	0	3	6	9	1
	15	28	1028.7	-	4.7	1.0	7.2	84	5.0	4	6	2	10	9	0	0	0	1	3	4	6	7	6	4	0	0	0	14	16	1	1	2	3	2	6	3	12	1
	21	28	1029.1	-	2.9	0.6	6.8	89	5.6	5	3	2	5	15	1	0	1	1	2	4	5	11	6	1	0	0	0	10	19	2	1	2	3	0	6	6	9	2
Lincoln: Spurn Head H	3	54	1028.5	-	3.1	0.5	6.9	90	5.5	6	1	4	5	11	4	3	1	1	1	7	3	12	3	0	0	0	1	16	13	1	0	0	3	3	6	4	8	6
	9	54	1028.8	+15.9	3.1	0.6	6.9	90	5.9	3	2	3	10	10	3	2	0	0	1	10	5	11	1	1	0	0	2	18	11	0	1	3	3	3	5	4	8	4
	15	54	1028.5	-	4.4	0.9	7.2	86	6.0	3	2	3	10	11	2	1	0	0	2	11	5	10	2	0	0	0	1	12	18	0	1	0	2	6	6	5	6	5
	21	54	1029.0	-	3.5	0.7	7.0	88	5.2	7	1	5	4	12	2	1	1	1	3	5	9	9	2	0	0	0	3	13	15	0	1	0	5	1	6	4	9	5
Lincoln: Waddington H	3	227	1029.4	-	1.8	0.3	6.6	93	6.6	2	2	1	9	9	8	2	4	2	4	2	3	9	5	0	0	0	0	7	22	2	3	0	4	1	6	6	7	2
	9	227	1029.8	-	1.7	0.3	6.5	93	6.7	2	1	2	9	13	4	1	3	2	2	5	9	7	0	2	0	0	0	6	25	0	4	2	4	0	4	10	6	1
	15	227	1029.2	-	3.9	0.6	7.3	89	5.0	5	5	1	11	8	1	0	1	1	6	3	5	10	3	2	0	0	0	9	22	0	2	6	1	3	9	7	1	
	21	227	1029.8	-	2.4	0.4	6.8	93	5.5	6	2	2	6	11	4	2	3	1	2	7	6	6	3	1	0	0	0	8	23	0	0	4	4	1	5	8	6	3
Binbrook ... H	3	356	1028.8	-	2.1	0.4	6.6	93	5.5	4	4	3	6	9	5	0	2	2	1	3	9	9	3	1	1	0	1	16	13	1	2	2	3	1	7	4	11	0
	9	356	1029.3	-	1.8	0.4	6.5	92	5.6	5	2	3	8	8	5	0	3	2	2	4	7	9	3	1	0	0	0	17	14	0	1	2	5	1	9	3	9	1
	15	356	1028.9	-	3.7	0.8	7.0	87	5.1	5	5	1	10	8	2	0	3	1	2	3	7	10	4	1	0	0	2	17	11	1	1	2	4	2	7	5	7	2
	21	356	1029.2	-	2.5	0.5	6.6	90	4.9	8	2	4	5	10	2	0	2	0	3	5	10	8	3	0	0	0	1	15	14	1	0	1	4	2	6	5	9	3
Manby ... H	3	47	1029.0	-	2.1	0.3	6.7	93	5.2	5	4	4	4	10	4	1	4	0	1	5	6	10	4	0	0	0	0	13	15	3	1	1	3	2	6	2	10	3
	9	47	1029.4	-	2.0	0.5	6.5	92	5.4	4	4	3	8	11	1	0	2	0	4	4	5	11	5	0	0	0	0	10	20	1	1	1	6	2	6	4	7	3
	15	47	1028.9	-	4.4	0.9	7.2	86	5.5	3	5	2	9	11	1	0	0	0	3	5	9	8	5	1	0	0	1	14	14	2	1	2	4	1	5	5	6	5
	21	47	1029.4	-	2.2	0.5	6.6	91	4.5	9	4	1	6	10	1	1	2	2	1	2	11	8	4	0	0	0	0	9	18	4	0	1	4	2	7	1	7	5
3 ENGLAND, E.	3	89	1029.7	-	1.2	0.4	6.3	93	6.7	3	0	2	3	14	9	1	7	1	0	6	4	10	2	0	0	0	0	6	20	5	4	0	4	3	6	4	5	0
Norfolk: Marham H	9	89	1030.0	-	1.2	0.4	6.2	92	6.4	3	2	2	6	12	6	1	5	0	4	7	1	11	1	1	0	0	0	7	18	6	2	1	4	3	9	3	2	1
	15	89	1029.5	-	3.6	0.8	6.9	86	5.6	3	6	0	9	7	6	0	5	1	2	3	4	11	2	3	0	0	0	11	17	3	2	4	2	3	7	4	5	1
	21	89	1030.1	-	1.7	0.5	6.3	91	5.5	7	2	1	4	11	6	1	4	1	4	3	5	9	3	1	0	0	0	6	23	2	1	3	2	2	8	7	2	4
West Raynham H	3	263	1029.3	-	0.8	0.2	6.3	96	6.2	5	0	2	5	11	8	0	8	1	2	2	9	5	4	0	0	0	2	12	14	3	1	2	4	1	5	7	7	1
	9	263	1029.6	-	1.0	0.2	6.3	95	6.0	4	2	1	9	9	6	0	7	0	5	5	3	7	2	2	0	0	0	13	17	1	0	2	4	2	5	9	6	2
	15	263	1029.1	-	3.1	0.6	7.0	90	5.9	3	4	1	9	8	6	1	6	0	2	3	5	8	4	2	0	0	0	15	16	0	4	1	5	4	7	9	0	
	21	263	1029.7	-	1.4	0.3	6.5	94	5.2	8	3	0	3	11	6	0	6	0	0	8	8	4	5	0	0	0	0	15	15	1	0	3	4	0	7	8	4	4
Coltishall ... H	3	57	1029.1	-	1.6	0.3	6.6	94	6.3	5	0	1	5	14	6	0	3	2	3	3	10	8	2	0	0	0	0	8	16	7	1	2	4	0	5	5	6	1
	9	57	1029.5	-	1.7	0.3	6.5	93	5.9	3	4	2	7	11	4	0	3	1	6	3	8	5	5	0	0	0	0	6	22	3	1	1	7	1	3	8	6	1
	15	57	1029.0	-	3.7	0.7	7.1	88	6.2	4	0	3	8	13	3	0	1	2	5	2	8	7	4	2	0	0	0	9	21	1	1	0	5	3	4	6	8	3
	21	57	1029.5	-	2.2	0.5	6.7	91	6.0	5	1	3	2	14	6	0	2	4	2	3	10	5	5	0	0	0	0	10	19	2	1	2	4	2	4	7	8	1
Gorleston H	3	26	1029.6	-	2.6	0.4	6.9	93	5.8	7	1	1	2	15	5	0	1	4	1	0	2	21	2	0	0	0	0	13	17	1	0	3	3	3	3	5	9	4
	9	26	1030.0	+15.3	2.7	0.5	6.8	91	5.9	3	2	6	4	12	4	0	4	0	1	5	5	14	2	0	0	0	2	11	17	1	0	3	3	4	4	7	5	4
	15	26	1029.5	-	3.9	0.8	7.1	88	5.8	4	2	3	9	9	4	0	1	1	4	1	3	16	5	0	0	0	1	15	15	0	1	2	4	1	7	6	7	3
	21	26	1029.9	-	3.0	0.6	6.9	90	6.3	5	0	1	5	15	5	0	2	1	2	4	6	11	5	0	0	0	1	12	18	0	1	3	3	1	4	9	7	3
Suffolk: Mildenhall H	3	39	1029.5	-	1.3	0.3	6.4	93	6.6	3	2	0	6	13	7	1	4	2	2	3	7	9	3	0	0	0	0	4	25	2	1	2	4	3	2	8	7	2
	9	39	1029.9	-	1.4	0.3	6.4	93	6.5	4	0	3	3	17	4	0	4	2	2	6	8	5	3	1	0	0	0	5	26	0	3	1	6	1	5	8	6	1
	15	39	1029.3	-	4.0	0.9	7.1	87	5.6	5	4	1	5	13	3	1	2	2	1	3	6	11	3	2	0	0	0	5	24	2	2	3	3	2	6	7	4	2
	21	39	1029.9	-	1.8	0.4	6.5	92	6.2	5	1	1	5	13	6	0	7	2	0	4	8	6	3	1	0	0	0	3	27	1	2	1	4	3	5	9	5	1
Wattisham H	3	299	1029.6	-	1.0	0.1	6.4	97	6.2	5	0	3	6	14	3	0	6	1	0	9	8	6	1	0	0	0	0	5	24	2	2	3	3	1	4	6	5	5
	9	299	1030.0	-	1.0	0.3	6.3	95	6.4	3	1	3	5	12	7	0	7	2	5	4	5	7	0	1	0	0	0	7	23	1	1	2	4	2	4	7	8	2
	15	299	1029.5	-	2.9	0.7	6.8	90	5.8	3	5	1	7	8	7	3	4	0	1	2	11	4	5	1	0	0	0	8	23	0	2	4	4	3	3	5	8	2
	21	299	1030.1	-	1.4	0.3	6.5	94	5.5	8	1	0	6	10	6	1	4	1	4	5	8	6	2	0	0	0	0	8	21	2	4	2	3	0	6	4	6	4
Aldeburgh H	3	35	1030.0	-	2.6	0.6	6.7	90	5.8	7	0	1	4	15	4	0	1	2	0	2	7	15	4	0	0	0	0	9	22	0	0	2	3	2	6	2	9	7
	9	35	1030.2	-	2.4	0.6	6.6	89	6.2	4	1	3	3	17	3	0	1	3	0	3	3	17	4	0	0	0	1	9	21	0	0	2	5	2	4	3	11	4
	15	35	1029.7	-	3.6	0.7	6.9	87	6.1	5	0	3	4	16	3	0	2	1	1	0	5	15	7	0	0	0	0	8	23	0	2	3	4	1	8	2	7	4
	21	35	1030.1	-	3.1	0.7	6.8	89	5.9	6	1	2	2	16	4	0	3	1	2	2	0	17	6	0	0	0	1	8	22	0	0	3	4	1	6	4	11	2
Huntingdon: Wyton ... H	3	141	1029.6	-	1.4	0.5	6.4	93	6.3	4	1	3	3	14	6	0	6	2	3	4	5	9	2	0	0	0	0	8	22	1	3	2	3	3	3	8	7	1
	9	141	1030.0	-	1.4	0.4	6.3	92	5.6	6	1	3	6	12	3	0	4	1	5	7	10	1	2	1	0	0	0	7	22	2	2	5	2	1	4	7	7	1
	15	141	1029.4	-	3.9	0.8	7.0	85	5.6	4	3	2	11	8	3	2	1	3	0	2	10	9	2	2	0	0	0	9	20	2	2	4	4	1	3	7	7	1
	21	141	1030.0	-	2.0	0.4	6.6	91	5.7	6	1	2	6	9	7	3	4	3	2	2	8	7	2	0	0	0	0	7	23	1	2	4	2	0	5	8	7	2
Bedford: Cardington H	3	96	1029.8	-	1.4	0.3	6.4	94	6.3	5	0	1	6	14	5	0	5	3	0	7	4	12	0	0	0	0	0	5	23	3	2	5	1	3	2	10	4	1
	9	96	1030.3	-	1.8	0.3	6.6	94	6.2	4	1	0	15	10	1	0	3	3	3	4	4	12	1	1	0	0	0	4	25	2	4	4	1	1	3	11	3	2
	15	96	1029.6	-	4.2	0.9	7.1	86	5.7	4	2	1	3	15	6	1	4	2	1	3	6	12	2	0	0	0	0	6	23	2	3	6	1	2	2	8	7	0
	21	96	1030.3	-	2.2	0.5	6.6	91	6.3	4	2	1	3	15	6	1	4	2	1	3	6	12	2	0	0	0	0	7	21	3	3	3	1	1	4	9	5	2
Hertford: Bovingdon H	3	517	1029.8	-	1.5	0.2	6.3	91	6.8	3	1	0	5	18	4	0	7	2	0	4	3	13	2	0	0	0	0	5	21	5	2	4	3	1	2	2	7	5
	9	517	1030.2	-	1.7	0.5	6.4	91	6.6	3	1	0	12	14	1	0	7	0	2	5	6	9	0	2	0	0	0	3	23	5	3	2	4	2	4	2	4	5
	15	517	1029.5	-	3.9	1.0	6.8	83	6.4	4	0	2	11	14	0	0	3	1	1	3	7	13	2	1	0	0	0	6	24	1	3	2	5	2	4	4	6	4
	21	517	1030.4	-	2.0	0.6	6.4	89	6.3	5	1	1	4	18	2	2	5	0	2	6	2	11	2	1	0	0	0	5	21	5	1	3	4	2	3	3	7	3
Essex: Stansted H	3	334	1029.8	-	1.4	0.3	6.5	95	6.3	4	0	3	6	12	6	0	5	3	2	4	8	7	2	0	0	0	0	3	27	1	4	1	4	4	2	4	8	3
	9	334	1030.2	-	1.2	0.2	6.5	96	6.2	3	3	1	7	11	6	0	5	4	2	5	7	6	0	2	0	0	0	4	23	4	2	3	4	2	3	6	5	2
	15	334	1029.6	-	3.4	0.7	6.9	89	5.8	3	3	3	9	7	6	1	5	0	2	1	7	10	4	0	1	0	0	5	23	3	2	4	4	2	2	5	7	2
	21	334	1030.4	-	1.7	0.4	6.5	93	5.8	6	1	0	9	10	5	1	5	2	1	6	7	5	4	0	0	0	0	3	23	5	4	2	2	2	4	4	5	3
Shoeburyness H	9	17	1030.3	+14.6	2.9	0.6	6.7	89	5.9	4	2	2	6	15	2	0	2	0	5	4	5	14	1	0	0	0	0	8	22	1	1	3	3	5	3	4	9	2
	15	17	1029.5	-	4.2	1.0	7.0	85	6.3	3	1	4	6	15	2	2	1	1	6	2	8	10	1	0	0	0	1	7	21	2	4	2	2	2	7	6	2	
	21	17	1030.1	-	3.1	0.7	6.8	88	6.1	4	1	3	3	16	4	1	4	0	2	4	8	8	4	0	0	0	0	5	25	1	2	3	2	2	6	3	7	5
Walton-on-Naze ... H	3	21	1029.9	-	2.6	0.4	6.9	93	5.9	7	1	1	0	14	8	0	3	2	2	4	3	17	0	0	0	0	0	9	22	0	2	2	3	3	2	4	6	9
	9	21	1030.3	-	2.4	0.4	6.8	93	6.5	3	1	3	6	14	4	0	4	0	3	2	4	18	0	0	0	0	1	10	20	0	0	3	3	3	3	3	7	9
	15	21	1029.7	-	3.8	0.7	7.2	90	6.4	3	1	4	4	15	4	0	4	0	1	7	4	15	0	0	0	0	1	7	23	0	3	0	5	3	4	6	2	8
	21	21	1030.3	-	3.1	0.5	7.0	91	6.5	2	3	1	5	13	7	1	2	3	2	2	3	16	2	0	0	0	1	8	20	2	0	1	6	2	1	5	7	7
4 MIDLAND COUNTIES	3	769	1028.2	-	2.3	0.8	6.3	86	5.2	8	0	4	3	16	0	0	0	1	2	4	8	11	2	3	0	0	0	5	24	2	2	1	3	0	4	8	8	3
Yorks, W.R.: Huddersfield Oakes H	9	769	1029.0	-	2.2	0.5	6.6	90	6.0	3	2	4	5	17	0	0	1	2	0	1	13	11	0	3	0	0	1	5	21	4	5	2	3	0	7	5	5	0
	15	769	1028.4	-	3.9	0.8	7.0	86	5.9	1	5	6	5	14	0	0	1	1	2	2	9	11	3	2	0	0	2	7	16	6	1	1	3	2	3	7	5	3
	21	769	1028.9	-	2.8	0.7	6.7	88	4.9	8	4	1	2	16	0	0	0	3	1	2	4	13	3	5	0	0	1	7	17	6	2	0	3	2	6	3	8	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS January 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
4 MIDLAND COUNTIES —cont.																																												
Nottingham Watnall ... H	3	390	1029.2	-	2.0	0.4	6.7	94	6.2	4	0	4	5	15	3	1	1	2	9	3	2	9	4	0	0	0	0	5	23	3	1	5	3	0	3	3	11	2
	9	390	1029.7	-	1.9	0.3	6.7	94	6.6	1	3	0	11	11	5	2	2	2	4	9	2	9	1	0	0	0	0	8	17	6	0	3	5	0	0	8	6	3
	15	390	1029.1	-	4.1	0.8	7.2	87	5.7	3	3	4	9	10	2	1	1	2	4	3	9	7	3	1	0	0	0	8	17	6	0	3	5	0	0	8	6	3
	21	390	1029.7	-	2.4	0.4	6.8	92	5.3	6	3	3	5	8	6	2	4	1	6	4	5	8	1	0	0	0	8	18	5	1	0	7	0	0	6	11	1
Finningley H	3	46	1029.1	-	2.5	0.6	6.3	89	6.0	3	3	3	5	13	4	1	4	1	2	3	4	12	4	0	0	0	9	17	5	4	1	4	0	6	2	7	2
	9	46	1029.5	-	2.4	0.5	6.7	90	6.0	2	2	5	10	8	4	1	3	0	2	5	7	8	5	0	0	0	1	8	19	3	5	2	1	1	10	2	6	1
	15	46	1028.9	-	4.7	1.1	7.2	83	5.1	3	6	4	9	7	2	1	1	0	3	5	6	8	6	1	0	0	2	7	18	4	1	2	3	3	6	2	5	5
	21	46	1029.4	-	3.3	0.6	6.9	89	5.5	5	2	4	7	10	3	2	0	0	6	6	6	10	1	0	0	0	8	16	7	2	1	1	2	5	2	7	4
Northampton Wittering H	3	219	1029.5	-	1.2	0.3	6.4	94	6.1	5	1	1	5	12	7	0	7	0	2	4	9	4	4	1	0	0	0	7	22	2	3	3	1	2	4	4	10	2
	9	219	1029.9	-	1.2	0.3	6.3	93	5.8	3	2	5	8	9	4	0	4	2	1	5	7	8	2	2	0	0	1	7	16	7	4	4	1	1	3	5	6	0
	15	219	1029.7	-	4.1	0.8	7.1	86	5.5	2	5	4	7	10	3	0	3	1	1	4	4	11	4	2	1	0	1	6	19	5	3	4	2	1	3	4	7	2
	21	219	1030.0	-	1.8	0.5	6.5	92	5.1	9	1	1	5	10	5	1	4	0	4	2	7	10	3	0	0	0	0	7	19	5	0	5	2	0	4	6	7	2
Warwick Edgbaston H	9	542	1029.9	-	2.7	0.5	6.8	91	6.5	2	3	1	6	17	2	1	1	1	3	7	4	12	2	0	0	0	0	2	28	1	5	2	3	0	6	7	4	3
	15	542	1029.4	-	4.5	1.1	7.1	83	6.4	2	3	2	7	15	2	0	1	2	1	8	7	10	1	1	0	0	0	4	27	0	2	3	4	1	7	3	9	2
	21	542	1030.0	-	3.2	0.7	6.8	87	6.0	5	0	2	9	11	4	1	1	3	2	9	9	4	0	0	0	0	0	5	25	1	0	3	5	0	6	5	7	4
Elmdon ... H	3	362	1029.5	-	2.0	0.3	6.9	94	7.0	2	1	0	8	17	3	0	2	1	1	6	5	5	11	0	0	0	0	6	15	10	2	1	3	0	4	5	4	2
	9	362	1029.9	-	2.3	0.4	6.8	92	6.5	1	2	3	11	13	1	1	0	2	0	10	10	7	1	0	0	0	4	24	3	7	1	2	0	9	4	3	2
	15	362	1029.4	-	4.3	0.9	7.2	85	6.7	2	0	3	13	11	2	1	1	2	0	4	13	9	1	0	0	0	5	23	3	3	1	4	3	2	8	4	3
	21	362	1030.0	-	2.4	0.5	6.7	90	5.8	5	1	3	9	9	4	1	2	1	5	3	8	9	2	0	0	0	3	24	4	0	5	3	1	7	3	5	3
Shropshire Shawbury H	3	249	1029.2	-	2.7	0.5	6.9	91	6.4	3	2	1	9	15	1	0	1	0	2	6	5	7	4	6	0	0	0	6	19	6	1	2	4	3	4	2	6	3
	9	249	1029.7	-	2.1	0.5	6.6	92	6.3	1	2	4	14	9	1	0	2	0	2	5	3	11	4	4	0	0	0	3	20	8	3	1	3	2	5	3	6	0
	15	249	1029.1	-	5.2	1.1	7.5	83	5.7	4	2	3	13	8	1	0	0	0	4	3	2	11	6	5	0	0	1	6	19	5	4	1	4	2	5	2	6	2
	21	249	1029.7	-	3.2	0.6	7.0	90	5.9	4	2	3	10	11	1	0	1	1	2	4	7	6	6	4	0	0	0	5	20	6	2	2	3	7	3	3	4	1
Worcester Pershore ... H	3	117	1029.6	-	2.4	0.4	6.8	92	7.4	2	0	0	3	20	6	1	2	1	4	4	5	7	4	2	1	0	0	5	15	11	0	2	4	0	2	8	4	0
	9	117	1030.0	-	2.7	0.5	6.9	92	6.5	1	4	1	7	17	1	0	2	0	5	5	5	8	3	3	0	0	0	8	16	7	2	2	6	1	3	6	4	0
	15	117	1029.6	-	5.1	1.1	7.4	84	6.5	3	1	3	9	15	0	0	1	0	0	6	5	13	3	1	2	0	1	8	19	3	1	3	5	1	3	6	9	0
	21	117	1030.2	-	3.0	0.6	6.9	89	5.7	5	4	1	4	11	6	0	5	1	1	3	4	11	3	3	0	0	0	7	17	7	0	3	4	1	4	7	5	0
Hereford Ross-on-Wye H	9	226	1029.9	+15.4	2.7	0.5	6.9	92	6.8	1	3	0	6	19	2	0	3	1	2	10	1	9	2	3	0	0	0	3	22	6	3	1	4	0	6	7	3	1
	15	226	1029.2	-	5.2	1.1	7.5	84	6.0	5	1	2	6	16	1	0	1	0	2	4	5	12	3	4	0	0	0	3	23	5	2	7	1	0	4	8	3	1
	21	226	1030.0	-	3.3	0.7	6.9	88	6.8	3	0	2	6	16	4	0	3	5	1	2	2	11	2	4	1	0	0	2	21	8	0	4	4	0	6	7	2	0
Gloucester Filton ... H	3	197	1029.5	-	2.8	0.4	7.1	92	6.6	2	2	2	5	18	2	0	2	1	1	6	6	11	4	0	0	0	0	4	19	8	2	7	1	1	3	7	2	0
	9	197	1030.0	-	3.1	0.5	7.1	91	7.1	1	0	2	11	15	2	0	2	0	6	6	4	9	4	0	0	0	0	5	20	6	3	9	1	3	2	4	3	0
	15	197	1029.4	-	5.2	0.9	7.8	87	6.5	2	1	3	11	14	0	0	1	0	5	5	6	12	1	1	0	0	0	5	23	3	6	5	3	3	2	4	5	0
	21	197	1030.3	-	3.1	0.6	7.0	90	6.1	4	1	4	4	15	3	1	3	1	1	7	7	8	3	0	0	0	0	4	21	6	0	8	3	3	2	6	2	1
Gloucester H	3	79	1030.0	-	3.3	0.6	7.1	90	7.3	2	0	1	4	20	4	1	1	1	3	7	7	8	2	1	0	0	0	2	21	8	5	3	0	0	6	9	0	0
	9	79	1030.4	-	3.4	0.5	7.2	90	7.1	1	0	2	9	18	1	0	0	1	5	7	8	4	5	1	0	0	0	3	20	8	4	5	0	0	6	5	3	0
	15	79	1029.9	-	5.7	1.2	7.6	83	6.1	4	0	3	14	9	1	0	1	0	1	8	9	8	1	3	0	0	0	5	21	5	4	4	2	1	6	6	3	2
	21	79	1030.5	-	3.9	0.8	7.2	88	6.1	5	1	1	9	12	3	0	3	0	3	6	7	10	2	0	0	0	0	3	22	6	3	4	0	3	4	11	0	0
Little Rissington H	3	751	1029.7	-	1.8	0.3	6.6	93	6.9	3	0	2	3	16	7	0	5	0	2	3	3	11	5	2	0	0	0	6	20	5	1	5	3	2	3	4	6	2
	9	751	1030.2	-	2.1	0.4	6.7	92	6.9	1	2	1	7	13	7	0	7	0	2	3	8	6	2	1	2	0	1	5	17	8	1	5	3	0	4	5	5	0
	15	751	1029.5	-	3.7	0.8	6.9	86	6.4	3	1	2	10	8	7	1	4	2	0	1	6	9	4	3	1	0	0	10	17	4	0	6	4	0	3	5	5	4
	21	751	1030.4	-	2.2	0.5	6.7	92	6.5	4	1	0	7	15	4	1	2	1	0	3	7	8	7	2	0	0	0	8	18	5	2	3	4	1	3	4	7	2
5 ENGLAND, S.E.																																												
Middlesex London (Heathrow) Airport H	3	86	1029.9	-	2.6	0.5	6.9	93	6.8	2	2	0	5	16	6	1	2	2	4	2	5	10	4	1	0	0	0	4	24	3	3	3	4	2	4	3	7	2
	9	86	1030.2	-	2.5	0.5	6.8	92	6.6	2	1	3	8	14	3	0	3	0	4	7	8	6	1	2	0	0	0	3	21	7	4	3	4	1	2	4	5	1
	15	86	1029.7	-	5.0	1.1	7.3	83	6.2	3	2	3	8	13	2	0	0	2	2	3	7	12	4	1	0	0	0	6	24	1	1	6	3	0	3	7	5	5
	21	86	1030.5	-	3.3	0.6	7.0	90	6.3	5	1	0	6	16	3	0	1	2	6	2	7	8	4	1	0	0	0	4	24	3	3	5	2	3	6	4	1	1
Surrey Kew Observatory H	9	34	1030.3	+14.7	3.3	0.8	6.7	86	6.5	2	2	3	8	15	1	0	1	1	6	2	7	12	1	1	0	0	0	5	22	4	1	4	5	0	2	7	6	2
	15	34	1029.7	-	5.2	1.0	7.1	79	6.0	4	2	1	11	13	0	0	0	3	1	7	4	13	2	0	1	0	0	5	24	2	2	1	7	1	5	5	7	1
	21	34	1030.5	-	4.0	0.9	7.0	85	6.4	4	1	0	11	14	1	0	2	0	1	6	3	13	4	2	0	0	0	6	22	3	2	3	5	2	6	6	2	2
Gatwick H	3	195	1030.0	-	1.9	0.2	6.8	95	6.7	3	1	1	5	15	6	1	3	2	1	1	5	8	8	2	0	0	0	1	24	6	5	2	6	1	1	6	2	2
	9	195	1030.2	-	2.1	0.3	6.8	95	7.0	2	0	2	7	17	3	0	3	1	4	3	7	11	0	1	1	0	0	1	26	4	1	4	7	1	4	6	3	1
	15	195	1029.6	-	4.4	0.9	7.3	87	6.3	2	2	2	11	13	1	0	1	2	1	6	5	11	4	0	1	0	0	3	26	2	3	1	10	1	2	5	3	4
	21	195	1030.4	-	2.2	0.4	6.8	93	6.0	4	2	3	4	14	4	0	3	1	2	3	4	13	4	1	0	0	0	3	23	5	2	5	5	2	3	4	4	1
Kent Deal ... H	3	34	1030.1	-	3.3	0.3	7.4	95	6.6	5	0	0	1	22	3	1	1	2	3	1	5	10	7	1	0	0	1	7	20	3	0	1	5	0	5	5	6	6
	9	34	1030.4	-	3.1	0.5	7.1	86	5.8	3	4	1	8	12	3	0	1	2	2	4	7	12	3	0	0	0	0	9	19	3	2	1	5	4	2	2	10	2
	15	34	1030.0	-	4.5	0.5	7.8	92	6.6	1	4	0	7	17	2	0	1	0	2	5	11	10	2	0	0	0	0	9	20	2	1	2	6	1	6	3	7	3
	21	34	1030.4	-	3.8	0.4	7.6	94	6.6	3	1	2	3	20	2	0	0	3	1	7	5	7	8	0	0	0	1	8	19	3	1	2	5	2	4	3	10	1
Manston ... H	3	148	1030.1	-	2.4	0.4	6.9	93	6.4	3	2	2	4	13	7	0	4	2	2	2	5	12	3	1	0	0	0	11	16	4	1	2	3	4	6	3	5	1
	9	148	1030.4	-	2.4	0.4	6.8	93	6.0	3	4	1	6	12	5	0	5	0	1	7	5	10	3	0	0	0	0	7	21	3	0	1	4	4	4	5	8	2
	15	148	1029.9	-	3.7	0.7	7.1	88	6.5	3	2	0	7	15	4	0	2	1	1	5	7	10	4	1	0	0	0	9	19	3	2	1	6	3	4	3	6	3
	21	148	1030.6	-	3.0	0.5	7.0	91	6.6	3	0	3	8	14	3	0	3	0	3	5	8	8	3	1	0	0	0	10	18	3	2	2	5	2	6	2	8	1
Sussex Thorney Island H	3	35	1030.1	-	3.5	0.5	7.4	93	6.5	4	1	1	4	18	3	0	1	1	2	4	8	7	7	1	0	0	0	2	23	6	4	4	5	0	1	2	8	1
	9	35	1030.4	-	3.3	0.4	7.3	93	6.9	1	2	0	11	16	1	0	1	0	3	7	9	7	3	1	0	0	0	3	16	12	2	3	5	0	3	1	4	1
	15	35	1029.8	-	5.3	0.9	7.3	85	6.5	2	3	0	11	14	1	0	0	2	3	4	4	13	2	3	0	0	0	5	20	6	3	2	6	0	6	1	5	2
	21	35	1030.7	-	3.8	0.5	7.3	91	6.4	3	2	2	3	19	2	0	0	2	1	5	8	8	6	1	0	0	0	3	22	6	1	6	4	2	1	3	6	2
East Hoathly H	9	133	1030.4	-	2.6	0.4	6.9	93	6.9	2	0	2	8	16	3	0	3	0	1	9	7	7	2	2	0	0	0	3	22	6	5	2	6	1	5	0	3	3
	15	133	1029.9	-	4.5	0.8	7.3	86	6.7	2	2	0	11	15	1	0	0	0	2	6	7	14	2	0	0	0	0	5	23	3	3	3	6	1	4	2	8	1
	21	133	1030.7	-	2.8	0.4	7.0	92	6.3	3	3	1	4	17	3	0	1	2	2	5	5	12	1	2	1	0	0	2	23	6	3	5	6	2	2	2	4	1
Eastbourne Coastguard H	9	24	1030.1	-	3.7	0.6	7.1	89	6.6	2	1	3	8	15	2	0	0	0	3	2	5	16	5	0	0	0	1	6	15	9	5	1	4	1	5	1	4	1
	15	24	1029.6	-	5.3	1.0	7.5	83	6.7	2	1	1	8	19	0	0	0	0	0	2	5	20	4	0	0	0	1	5	15	10	2	1	7	0	3	0	6	2
	21	24	1030.4	-	4.2	0.7	7.3	87	6.1	3	2	4	6	14	2	0	0	0	2	3	4	18	4	0	0	0	0	5	16	10	2	3	3	1	2	3	5	2
Berkshire Abingdon H	3	234	1029.8	-	2.5	0.5	6.7	90	7.1	2	0	2	4	18	5	0	3	1	3	2	8	9	5	0	0	0	0	4	20	7	4	2	2	2	4	4	4	2
	9	234	1030.1	-	2.4	0.5	6.7	92	6.9	1	2	1	7	16	4	0	2	2	4	6	4	9	3	0	1	0	0	5	17	9	2	6	2	1	5	2	4	0
	15	234	1029.6	-	4.9	1.1	7.2	82		3	0	1	17	9	1	0	1	1	4	2	4	12	2	5	0	0	0	8	16	5	4	2	3	1	5	3	8	0
	21	234	1030.4	-	2.7	0.6	6.7	89	6.5	4	0	2	6	14	5	1	2	2	1	4	6	13	1	1	0	0	0	5	20	6	2	4	3	3	4	3	4	2
Hampshire Hurn ... H	3	46	1029.7	-	3.3	0.5	7.3	92	6.6	3	0	3	3	18	4	0	1	2	2	5	2	12	5	2	0	0	0	4	22	5	7	2	5	1	2	3	5	1
	9	46	1030.1	-	3.3	0.4	7.3	93	7.0	1	2	1	7	19	1	0	2	1	1	8	8	8	1	2	0	0	0	4	18	9	4	8	2	1	3	1	2	1
	15	46	1029.6	-	5.8	1.1	7.8	84	6.6	1	3	1	8	18	0	0	0	0	2	2	9	12	4	2	0	0	0	5	24	2	5	4	7	0	5	2	3	3
	21	46	1030.1	-	3.3	0.4	7.3	93	7.0	4	0	5	4	15	3	0	0	3	2	1	9	12	3	1	0	0	0	5	19	7	2	6	6	1	2	4	2	1
S. Farnborough H	3	231	1030.1	-	2.3	0.4	6.9	94	6.6	3	2	0	4	15	7	0	4	1	4	3	7	9	2	1	0	0	0	3	22	6	2	6	4	1	1	2	7	2
	9	231	1030.4	+14.8	2.4	0.4	6.9	93	6.5	3	2	0	7	15	4	0	3	3	5	3	6	5	3	2	1	0	0	2	20	9	3	2	3	3	1	2	8	0
	15	231	1029.8	-	4.9	1.0	7.4	85	6.5	2	0	5	9	13	2	0	1	2	2	1	7	11	5	1	1	0	0	3	26	2	4	6	3	2	3	1	7	3
	21	231	1030.7	-	2.8	0.5	7.0	92	6.2	5	1	1	3	15	6	0	5	1	2	4	7	9	2	1	0	0	0	2	23	6	2	5	3	2	3	4	3	3
Wiltshire Lyneham H	3	489	1029.8	-	2.3	0.4	6.8	92	7.0	3	0	0	6	18	4	0	3	2	4	2	9	7	4	0	0	0	0	7	21	3	2	6	3	1	7	4	4	1
	9	489	1030.3	-	2.4	0.4	6.8	92	7.2	1	1	0	8	18	3	0	5	4	0	4	2	11	3	2	0	0	0	10	18	3	4	4	3	1	6	7	3	0
	15	489	1029.9	-	4.3	0.9	7.3	87	6.6	3	2	1	10	13	2	0	3	2	2	1	4	11	4	4	0	0	0	9	21	1	5	4	3	1	4	7	6	0
	21	489	1030.5	-	2.6	0.5	6.9	91	6.4	4	0	4	2	16	5	0	6	1	1	3	5	12	2	1	0	0	1	5	24	1	2	5	4	1	9	2	4	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS January 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
5 ENGLAND, S.E.—cont.																																													
Boscombe Down H	3	419	1029.9	-	2.5	0.4	6.9	93	6.6	2	2	1	7	17	2	0	2	3	3	2	5	12	4	0	0	0	0	7	15	9	1	3	7	1	3	1	4	2
	9	419	1030.4	-	2.5	0.4	6.9	93	6.7	2	2	2	3	22	0	0	1	4	1	4	10	7	3	1	0	0	0	4	19	8	3	2	7	1	5	1	4	0
	15	419	1029.8	-	4.6	0.9	7.4	87	6.2	3	2	2	9	14	1	0	2	0	4	2	3	12	6	2	0	0	1	5	21	4	5	2	6	2	4	2	4	2
	21	419	1030.6	-	3.0	0.5	7.0	91	6.7	2	2	1	8	17	1	0	2	2	0	3	8	13	3	0	0	0	0	5	21	5	1	6	4	2	5	3	3	2
Upavon ... H	9	582	1030.0	-	2.1	0.3	6.8	94	6.7	1	2	3	4	17	4	0	5	0	1	1	8	12	2	2	0	0	0	5	17	9	4	3	4	2	2	2	3	2
	15	582	1029.4	-	4.1	0.7	7.3	88	6.0	3	2	3	8	13	2	0	5	0	1	1	2	14	6	2	0	0	0	9	18	4	5	1	6	3	3	3	5	1
	21	582	1030.2	-	2.4	0.3	6.9	94	6.1	4	2	2	6	11	6	0	6	0	0	4	3	10	7	1	0	0	0	8	21	2	4	7	3	2	4	2	6	1
7a ENGLAND, N.W.																																													
Cumberland Carlisle ... H	3	92	1028.2	-	3.9	0.8	7.1	86	6.0	5	1	2	9	13	1	0	0	0	2	3	0	12	14	0	0	0	0	6	17	8	1	3	5	4	0	9	1	0
	9	92	1028.5	-	3.5	0.8	6.9	87	6.4	1	1	5	13	11	0	0	0	0	3	0	2	10	12	4	0	0	0	6	18	7	0	4	7	2	1	8	2	0
	15	92	1027.9	-	5.9	1.2	7.6	81	6.1	0	5	2	12	12	0	0	0	0	0	1	6	9	10	5	0	0	0	8	18	5	0	3	5	4	1	5	7	1
	21	92	1028.2	-	4.5	0.8	7.4	86	6.3	2	3	2	8	16	0	0	0	0	0	3	3	14	9	2	0	0	1	3	22	5	1	4	4	4	2	8	3	0
Lancashire Squires Gate H	3	35	1028.3	-	3.4	0.4	7.4	93	6.2	4	1	2	8	13	3	0	1	2	2	3	5	7	8	2	1	0	2	11	11	7	1	3	5	4	3	0	8	0
	9	35	1028.7	-	2.9	0.4	7.1	93	6.5	2	2	1	14	12	0	0	1	1	5	1	9	7	6	1	0	0	4	11	12	4	0	3	7	4	3	4	5	1
	15	35	1028.3	-	5.2	0.8	7.9	88	6.0	2	3	3	12	9	2	0	2	0	1	4	12	9	3	0	0	0	0	16	12	3	1	1	8	4	3	1	6	4
	21	35	1028.6	-	3.6	0.4	7.4	93	5.8	3	2	5	9	9	3	1	2	0	2	5	8	8	3	2	0	0	1	15	14	1	0	2	8	5	3	3	8	1
Speke ... H	3	85	1028.8	-	3.8	0.8	7.1	87	5.7	5	0	5	7	13	1	0	1	1	0	1	3	11	9	5	0	0	1	9	17	4	0	4	3	8	0	2	6	4
	9	85	1029.2	-	3.2	0.7	6.9	88	6.3	1	2	3	16	8	1	1	1	0	2	4	7	9	5	2	0	0	0	7	19	5	2	3	4	8	4	0	5	0
	15	85	1028.8	-	5.7	1.3	7.5	80	6.1	2	3	1	15	10	0	0	0	0	3	3	7	13	3	2	0	0	0	10	15	6	1	3	5	3	6	1	5	1
	21	85	1029.1	-	4.4	0.8	7.4	86	5.4	5	3	2	8	13	0	0	0	0	2	7	4	12	3	3	0	0	1	7	19	4	0	2	4	8	3	1	7	2
Cheshire Ringway H	3	251	1028.7	-	3.6	1.0	6.7	84	6.3	5	0	2	2	22	0	0	1	0	1	4	6	10	8	1	0	0	0	4	21	6	0	3	4	2	9	4	3	0
	9	251	1029.0	-	3.3	1.0	6.5	82	6.1	1	5	1	12	12	0	0	0	0	1	4	9	13	4	0	0	0	0	6	18	7	1	3	4	2	9	1	4	0
	15	251	1028.6	-	5.4	0.5	7.0	77	6.3	3	2	2	9	15	0	0	0	0	1	6	11	10	3	0	0	0	0	8	19	4	1	3	3	2	10	1	6	1
	21	251	1029.1	-	4.0	1.1	6.8	82	6.1	4	2	1	8	15	1	0	0	0	1	2	8	9	9	2	0	0	0	10	14	7	0	2	2	3	10	3	3	1
7b NORTH WALES																																													
Anglesey Valley ... H	3	36	1028.0	-	5.5	0.7	8.1	88	5.7	5	0	6	4	16	0	0	0	0	0	1	1	10	14	5	0	0	6	14	9	2	0	4	3	0	12	3	6	1
	9	36	1028.4	+16.3	5.2	1.1	8.1	88	6.3	0	4	2	12	12	1	0	0	0	1	0	2	12	11	4	1	0	7	12	10	2	0	6	2	1	13	3	3	1
	15	36	1028.0	-	7.2	1.1	8.6	84	6.3	1	2	5	12	11	0	0	0	0	0	1	2	9	11	7	1	0	8	11	9	3	0	5	3	2	9	4	4	1
	21	36	1028.3	-	5.9	0.7	8.4	89	6.3	3	2	3	5	18	0	0	0	0	0	1	3	12	11	4	0	0	7	10	12	2	0	6	3	1	12	1	5	1
8a SOUTH WALES																																													
Cardigan Aberporth H	3	382	1028.6	-	4.3	0.6	7.6	89	5.5	6	2	1	10	11	1	0	0	2	0	0	5	17	4	2	1	0	2	11	14	4	1	2	3	2	14	0	5	0
	9	382	1029.1	-	4.4	0.6	7.7	90	6.7	0	3	1	14	13	0	0	0	0	0	0	2	15	11	3	0	0	3	10	15	3	1	1	5	3	14	0	4	0
	15	382	1028.5	-	6.0	0.8	8.2	86	6.2	1	3	3	15	9	0	0	0	0	0	0	1	15	12	2	1	0	3	9	16	3	1	2	5	5	6	5	4	0
	21	382	1029.0	-	4.9	0.7	7.9	89	6.0	4	2	1	11	13	0	0	0	0	0	0	8	14	7	1	1	0	2	17	10	2	0	1	5	3	13	4	2	1
Glamorgan Mumbles Head H	3	123	1029.1	-	4.8	0.8	7.6	87	6.0	4	2	3	5	15	2	0	0	0	2	2	5	12	10	0	0	0	3	17	9	2	3	5	13	0	1	1	5	1
	9	123	1029.5	-	4.7	0.8	7.5	87	6.0	1	4	2	11	12	1	0	0	1	1	2	6	14	6	1	0	0	4	13	10	4	4	2	10	4	1	0	6	0
	15	123	1029.0	-	5.9	1.1	7.8	83	6.4	1	2	4	12	11	1	0	0	0	3	2	2	16	8	0	0	0	4	17	10	0	2	3	12	3	3	4	3	1
	21	123	1029.7	-	5.2	0.9	7.6	85	5.6	3	6	2	2	18	0	0	0	0	1	3	4	15	6	2	0	0	7	13	10	1	1	3	13	2	2	2	6	1
Rhoose ... H	3	225	1029.5	-	3.1	0.8	7.3	94	5.9	5	2	1	5	15	3	0	2	2	1	2	9	7	6	2	0	0	1	8	17	5	2	6	7	3	1	0	4	3
	9	225	1029.9	-	3.4	0.5	7.2	91	6.4	0	5	2	10	11	3	0	1	2	2	3	10	4	6	3	0	0	2	8	19	2	0	2	8	6	2	2	8	1
	15	225	1029.5	-	4.9	0.6	7.9	90	6.5	1	3	1	12	12	2	0	2	0	2	3	10	9	2	3	0	0	2	8	19	2	0	2	8	6	2	2	8	1
	21	225	1030.1	-	3.8	0.5	7.5	92	6.2	4	2	2	3	17	3	0	2	0	3	2	8	10	3	3	0	0	1	12	13	5	0	4	7	5	1	3	3	3
8b ENGLAND, S.W.																																													
Dorset Portland Bill H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Devon Hartland Pt. H	3	306	1028.0	-	5.1	0.7	8.0	90	5.1	7	4	1	4	15	0	0	0	1	0	2	2	9	14	3	0	1	6	15	8	1	1	4	7	4	7	2	5	0
	9	306	1028.5	-	5.1	0.7	7.9	90	5.9	0	4	6	11	9	1	0	0	1	0	0	0	14	13	3	0	0	5	15	10	1	1	1	12	2	7	3	2	2
	15	306	1028.2	-	6.0	0.8	8.3	88	5.9	0	4	3	17	7	0	0	0	0	0	0	0	17	12	2	0	0	3	13	14	1	2	6	6	2	6	3	3	2
	21	306	1028.7	-	5.5	0.8	8.0	88	4.7	8	4	1	6	12	0	0	0	0	1	1	1	10	17	0	1	0	10	12	7	2	0	4	10	2	5	3	4	1
Mount Batten H	3	100	1029.3	-	5.2	0.5	8.3	92	6.5	4	0	2	5	19	1	0	0	0	1	3	7	18	2	0	0	0	0	10	16	5	3	5	10	2	1	3	2	0
	9	100	1029.8	+14.3	5.1	0.5	8.3	93	6.4	2	3	1	10	15	0	0	0	0	1	6	11	10	3	0	0	0	0	8	19	4	3	7	8	3	1	1	1	3
	15	100	1029.2	-	6.9	1.0	8.6	86	6.6	0	3	3	11	12	2	0	0	0	3	2	10	12	2	2	0	0	0	10	20	1	4	2	11	3	3	0	5	2
	21	100	1030.0	-	5.8	0.7	8.4	90	6.3	3	3	0	7	18	0	0	0	0	1	3	11	13	3	0	0	0	0	11	16	4	3	3	12	2	1	2	3	1
Chivenor ... H	3	23	1029.2	-	4.3	0.6	7.6	90	5.8	5	2	2	4	17	1	0	1	0	1	1	1	20	4	3	0	0	1	9	16	5	1	1	13	6	0	4	1	0
	9	23	1029.9	-	4.1	0.6	7.5	91	6.4	1	1	4	10	12	3	0	1	1	1	2	3	14	4	4	1	0	0	7	18	6	0	1	15	2	2	0	2	3
	15	23	1029.3	-	6.6	1.0	8.3	85	5.9	0	6	3	13	9	0	0	0	1	0	0	6	10	9	4	1	0	0	13	14	4	1	2	6	10	1	1	5	1
	21	23	1030.0	-	4.8	0.7	7.7	88	5.5	5	5	0	6	15	0	0	0	0	1	3	4	14	4	4	1	0	0	10	15	6	1	2	11	5	1	1	3	1
Exeter ... H	3	125	1029.8	-	3.9	0.5	7.5	92	6.3	3	3	0	7	15	3	0	2	0	1	4	6	8	7	2	1	0	0	5	23	3	4	8	3	4	2	5	2	0
	9	125	1030.3	-	3.7	0.4	7.6	93	7.0	0	2	2	8	17	2	0	1	0	3	5	6	9	4	3	0	0	1	5	20	5	5	3	3	5	4	0	3	3
	15	125	1029.7	-	6.1	0.9	8.2	86	7.1	0	1	1	17	12	0	0	0	0	3	2	8	11	4	3	0	0	2	8	19	2	4	4	4	5	5	0	4	3
	21	125	1030.4	-	4.8	0.7	7.8	89	6.5	2	2	3	4	19	1	0	0	1	1	3	5	10	9	2	0	0	0	8	20	3	4	6	2	3	6	2	4	1
Cornwall St. Mary's, Scilly H	3	199	1028.1	-	8.1	1.0	9.4	86	6.6	1	1	3	12	13	1	0	0	0	1	0	2	8	11	8	1	0	7	17	5	2	0	0	7	8	5	2	4	3
	9	199	1028.5	+13.7	7.8	1.2	8.9	83	6.5	0	1	5	16	8	1	0	0	1	0	0	2	8	14	4	2	0	6	16	7	2	0	1	9	6	7	1	2	3
	15	199	1028.2	-	8.5	1.3	9.3	83	6.1	0	2	6	16	6	1	0	1	0	0	0	0	13	12	4	1	0	6	19	5	1	0	1	5	8	7	3	3	3
	21	199	1028.8	-	8.1	1.0	9.4	86	5.7	1	5	6	6	12	1	0	1	0	0	0	1	9	11	8	1	0	9	14	8	0	0	1	6	9	6	2	4	3
St. Mawgan H	3	350	1028.8	-	5.2	0.5	8.3	92	6.0	3	2	4	6	14	2	0	1	1	1	1	3	15	9	0	0	0	4	10	16	1	0	3	10	8	2	2	4	1
	9	350	1029.4	-	5.1	0.5	8.2	91	6.4	1	3	3	10	13	1	0	0	0	3	0	6	14	6	2	0	0	3	13	15	0	2	3	12	4	5	0	2	3
	15	350	1028.8	-	6.8	1.1	8.4	84	6.4	0	5	1	13	12	0	0	0	0	1	0	5	11	7	7	0	0	4	18	9	0	2	3	5	11	4	1	3	2
	21	350	1029.4	-	5.4	0.6	8.3	91	5.5	4	5	2	4	16	0	0	0	0	2	1	7	11	6	4	0	0	2	14	14	1	1	2	13	7	2	0	4	1
9 NORTHERN IRELAND																																													
Londonderry Ballykelly H	3	6	1025.6	-	5.5	1.0	7.8	85	5.5	3	4	3	11	10	0	0	0	0	0	0	0	5	16	9	1	0	4	6	14	7	1	1	1	6	7	5	2	1
	9	6	1026.0	-	5.5	0.8	8.0	87	6.2	0	2	7	15	7	0	0	0	0	0	0	0	8	10	12	1	0	2	11	9	9	0	0	3	6	5	3	3	2
	15	6	1025.6	-	7.3	1.3	8.4	81	5.8	1	2	8	12	8	0	0	0	0	0	0	0	9	8	12	2	0	1	11	12	7	0	0	2	7	3	4	7	1
	21	6	1025.9	-	5.9	1.0	8.0	85	5.5	2	4	5	13	7	0	0	0	0	0	0	0	6	14	11	0	0	3	10	10	8	0	0	3	4	7	2	6	1
Antrim Aldergrove H	3	241	1026.9	-	4.7	0.7	7.6	88	6.2	3	3	1	7	17	0	0	0	0	0	0	7	16	6	2	0	0	2	7	21	1	3	2	3	4	10	6	2	0
	9	241	1027.3	-	4.6	0.8	7.5	87	6.2	0	5	2	13	11	0	0	0	0	0	1	4	13	10	3	0	0	3	11	16	1	3	1	4	2	12	5	3	0
	15	241	1026.8	-	6.7	1.2	8.1	82	6.7	0	2	2	16	11	0	0	0	0	0	0	5	12	11	3	0	0	2	14	11	4	0	2	2	7	10	2	2	2
	21	241	1027.1	-	5.8	0.9	8.1	86	6.7	1	1	3	9	17	0	0	0	1	0	1	5	10	10	4	0	0	1	14	15	1	0	3	2	6	10	6	2	1
CHANNEL ISLES																																													
Guernsey States Airport H	3	360	1029.7	-	4.6	0.7	7.7	90	6.4	3	2	1	7	17	1	0	1	1	0	1	4	13	5	5	1	0	1	12	16	2	1	3	10	3	6	2	3	1
	9	360	1030.1	-	4.8	0.6	7.9	91	6.4	1	3	2	11	14	0	0	0	1	3	1	4	13	4	5	0	0	0	15	13	3	2	0	11	2	7	1	2	3
	15	360	1029.4	-	5.8	0.9	8.0	85	5.8	1	5	4	9	12	0	0	1	2	0	2	2	11	6	7	0	0	0	16	11	4	4	2	7	3	5	0	5	1
	21	360	1030.2	-	5.3	0.8	7.9	88	6.5	3	0	4	8	16	0	0	0	2	0	0	7	10	7	4	1	0	0	19	12	0	0	4	10	5	5	1	3	3

H *See* Notes on Tables in the Introduction.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION January 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination of a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	60	28	7	9	27.4	31	38	31	6	2	21.1	31	74	28	9	2,3	33.1	31
Eskdalemuir Observatory ...	112	17	4	4	46.4	31	80	21	4	4	31.6	31	122	26	4	4	49.5	31
Cambridge	159	30	7	12	59.9	31	70	24	7	12	39.8	31	-	-	-	-	-	-
Kingsway	155	30	10	12	48.0	31	70	30	10	12	38.2	31	158	30	10	12	50.2	31
Kew Observatory	177	30	10	15	50.9	31	72	28	10	15	37.1	31	174	30	11	15	50.2	31
Aberporth	159	30	17	22	65.8	31	82	30	17	22	49.2	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN January 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

Station	Maximum Temperature °C.							Minimum Temperature °C						
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	5	26	0	0	0	0	0	0	0	0	2	19	10	0	0
Stornoway	0	1	27	3	0	0	0	0	0	0	0	3	15	13	0	0
Craibstone	0	8	21	2	0	0	0	0	0	0	0	5	24	2	0	0
Rothesay	0	5	23	3	0	0	0	0	0	0	0	2	22	7	0	0
Renfrew	0	7	21	3	0	0	0	0	0	0	1	7	16	7	0	0
Eskdalemuir Observatory	0	13	18	0	0	0	0	0	0	0	5	5	20	1	0	0
Douglas	0	4	26	1	0	0	0	0	0	0	0	0	22	9	0	0
Cockle Park	0	10	21	0	0	0	0	0	0	0	1	6	23	1	0	0
Gorleston	0	18	13	0	0	0	0	0	0	0	0	9	21	1	0	0
Cambridge	1	18	11	1	0	0	0	0	0	0	3	17	11	0	0	0

Station	Maximum Temperature °C.							Minimum Temperature °C.						
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	1	13	16	1	0	0	0	0	0	0	1	5	23	2	0	0
Kew Observatory	0	11	19	1	0	0	0	0	0	0	0	6	22	3	0	0
Hastings	0	14	17	0	0	0	0	0	0	0	0	6	24	1	0	0
Southampton	0	7	22	2	0	0	0	0	0	0	0	9	22	0	0	0
Stonyhurst	0	11	20	0	0	0	0	0	0	0	1	11	18	1	0	0
Bidston	0	11	19	1	0	0	0	0	0	0	0	7	20	4	0	0
Valley	0	3	25	3	0	0	0	0	0	0	0	5	10	16	0	0
Falmouth	0	3	25	3	0	0	0	0	0	0	0	3	13	15	0	0
Aldergrove	0	4	24	3	0	0	0	0	0	0	0	3	22	6	0	0
Armagh	0	5	20	6	0	0	0	0	0	0	0	2	25	4	0	0

TABLE III—ADDITIONS AND CORRECTIONS

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ≥0·1in. (0·2mm.) or more	≥0·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
1963		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
January	Grizedale	9 9	300									.6																		
"	Worsop	9 9	150																										1.40	
"	Stenness	9 9	75																										1.16	
February	"	" "	"																										2.60	
March	"	" "	"																										3.48	
April	"	" "	"																										4.96	
May	"	" "	"																										5.67	
June	"	" "	"																										5.17	
July	"	" "	"																										5.23	
August	"	" "	"																										3.26	
September	"	" "	"																										3.79	
October	"	" "	"																										1.96	
November	"	" "	"																										1.11	
February	Glensorn Lodge	9 9	1120		-7.5	-2.9				-14.5															27					
March	" "	" "	"		0.3	4.3				-7.4															11					
April	" "	" "	"		1.5	5.8				-6.5															9					
May	" "	" "	"		2.5	7.3				-2.5															4					
June	" "	" "	"		6.3	11.4				0.2															0					
July	" "	" "	"		7.4	11.8				2.5																				
March	Valley	21-9	26			6.6	-0.2																							
May	Malham Tarn	9 9	1297			7.5																								
"	Sandown	9 9	13			11.3	-1.0																							
June	Deal	21-9	18															15	11											
"	Wallingford	9 9	157			14.8																								
"	Hayling Island	9 9	13			14.9																								
"	Alwen	9 9	1100			11.9																								
August	Point of Ayre	21-9	30			14.2																								
"	Ushaw	9 9	594			12.8	-1.8																							
"	Cheltenham	9 9	214																										4.45	
September	Blackford Hill	9 9	441															14	10											
"	Worsop	9 9	150																										4.84	
"	Cleethorpes	9 9	23																										5.72	119
"	Hayling Island	9 9	13			14.3																								
"	Threave	9 9	240											5.64																
"	Ely Lodge	9 9	210	15.3	8.6	11.9																								
"	Moneydig	9 9	121	15.9	7.9																									
"	Forres	9 9	155																										4.09	102
"	Fort Augustus	9 9	70																										3.11	
"	Kirkwall	21-9	84																										3.82	99
"	Braemar	9 9	1113																										3.67	
"	Earls Hill	9 9	1100																										4.51	

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METEOROLOGICAL OFFICE
11 JUN 1964
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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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February 1964 — *Dry but dull.*

Anticyclones over, or to the south of the British Isles dominated the weather during the first twelve days but depressions to the south and west of the country maintained generally cyclonic weather during the remainder of the month except for a short anticyclonic period on the 18th-21st.

The very mild, windy weather at the end of January continued into February with gales in the north during the first four days; a gust of 77 kt was recorded at Benbecula on the 1st and one of 73 kt at Edinburgh on the 3rd. The 1st was generally showery with good sunny periods during the day, but a wave depression moving round the northern flank of an anticyclone over the Bay of Biscay gave more continuous rain that night. The 2nd was dry and sunny in the south-east but mainly dull elsewhere with cold-front rain from the Atlantic reaching northern districts during the afternoon. The rain spread south-east over the country during the night becoming heavy locally in southern England the next day. A cooler north-westerly airstream following the front brought showers to most northern districts during the next day or two, the showers being of snow at times on the 3rd, 4th and 5th.

Pressure rose rapidly on the 5th and an anticyclone formed over the British Isles. It persisted until the 10th with its centre mostly over southern districts. From 5th to 8th weather was generally sunny but rather cold with widespread frost at night. Overnight fog over much of southern England was slow to clear on the morning of the 8th. On the 9th and 10th the anticyclone was centred near the Scilly Isles, and moist Atlantic air spreading round its northern side brought generally dull weather with about average temperature to most of the British Isles.

The anticyclone declined during the next two days as it moved southward to the Bay of Biscay. Weather remained mainly dry until the 14th when a trough of low pressure, associated with a deep depression to the west of Ireland, brought rain to most districts as it moved north-east across the country; the rain was preceded in some places by snow.

A week of cold weather followed. On the 16th a depression from the Atlantic moved into the Bay of Biscay and winds backed towards the east bringing snow to all districts from 16th to 19th. There were moderate falls on all high ground from the Peak District northwards—it lay 10 inches deep at Forest in Teesdale—and on the lower ground in the Midlands and north-east England it lay several inches deep on the 18th and 19th. An anti-cyclone moved from the north to the east of the British Isles on the 20th, which was a dry sunny day, and this fine weather continued on the 21st, except in the extreme south-west of the country.

Troughs associated with a deep depression in mid-Atlantic brought rain, heavy locally, and milder weather to all districts during the next two days; falls exceeding 1 inch were recorded in south-west England on the 22nd and in eastern Scotland on the 23rd. Rain continued over most of the country on the 24th as a secondary to the main Atlantic depression approached western Ireland, and weather became very mild in a general southerly airstream. Fairly extensive overnight fog persisted in many districts during the next two days with rain at times. On the 27th and 28th winds were south-westerly and weather showery with local thunder, but the month ended with a rather cold and foggy day following widespread overnight fog.

Pressure and Wind — Mean pressure was above average except in the extreme south-west, the deviation ranging from 5.3 mb at Lerwick to −0.4 at Scilly. Surface winds were mainly westerly at first but became light and variable on the 5th-12th and then south-easterly on the 13th-15th, easterly on the 16th-22nd, and mainly westerly during the last week of the month. Gales were reported on 17 days in Scotland and on the 1st-4th, 13th-19th, 21st-24th and 26th (16 days) in England and Wales.

On the 1st several gusts exceeded 70 kt in the Orkneys and Hebrides, and one of 84 kt recorded at Lowther Hill.

Temperature — It was rather cold for much of the month, but mild spells during the first three or four days and the last week raised the monthly mean temperature above the average. During the second week nights were mild and day temperatures about average.

Extremes included (England and Wales) 15.0°C at Moreton Morrell on the 24th and at Letchworth on the 27th, −13.9°C at Moor House on the 20th; (Scotland) 13.9°C at Nairn on the 25th and 26th, and at several other places on the 26th, −11.7°C at Braemar on the 20th and 21st, and at Bowhill and Cannich on the 21st; (Northern Ireland), 13.7°C at Ballykelly on the 25th, −7.2°C at Pubble Forest on the 8th and 9th.

Rainfall — Rainfall amounts followed the pattern of the two previous months making the winter the driest in England and Wales for more than two hundred years. Only in parts of Essex, Kent, Devon and Cornwall was there more than 80 per cent of the average rainfall during February. Over most of England, and Wales there was less than half the average and in the north Midlands less than 30 per cent of the average was recorded.

Thunder was heard on 4 days in Scotland and on the 15th and 27th-29th in England and Wales.

Snow or sleet was reported in Scotland at one place or another on 18 days, ground being snow-covered on 16 mornings. In England and Wales snow fell on the 5th and 14th-23rd (10 days) ground being covered in places on 16th-19th, to a depth of 3-4 inches in parts of north-east England and to 1-2 inches over much of the Midlands.

Sunshine — It was a dull month generally. In Scotland the largest deficits occurred in the northern areas and Western Isles while there were marked excesses in areas near the Great Glen. In England and Wales some places in the north-west had more than average — Ringway 114 per cent — while parts of the south recorded little more than 60 per cent — Mount Batten only 62.

Fog — Fog was observed in Scotland at one place or another at 09 hr on 23 days and in England and Wales on the 3rd and 6th and daily afterwards. It was widespread on the 23rd-26th and 29th.

Miscellaneous Phenomena — The aurora was observed in Scotland on 10 nights.

TABLE I—DISTRICT VALUES— February 1964 **(1908, revised 1928, 1941, 1956 and 1964)**

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						*% of Average*	
0 SCOTLAND, N.	13.9	-11.7	+0.9	+1.1	+1.0	-	-	68	-5	100
1 SCOTLAND, E.	13.9	-11.7	+0.6	+0.8	+0.7	-	-	51	-4	96
2 ENGLAND, N.E.	14.4	-12.2	+0.3	+0.7	+0.5	+0.3	-0.2	46	-5	86
3 ENGLAND, E.	15.0	-9.4	+0.1	+0.9	+0.5	-0.2	-0.7	61	-2	89
4 MIDLANDS	15.0	-10.0	+0.3	+1.0	+0.6	-0.2	-0.3	43	-3	85
5 ENGLAND, S.E.	14.5	-8.1	+0.3	+1.1	+0.7	-0.3	-0.5	58	-2	79
6 SCOTLAND, W.	14.4	-11.1	+0.4	+0.9	+0.6	+0.6	+0.4	37	-5	89
7 ENGLAND, N.W. and N. Wales	14.5	-13.9	+0.4	+1.0	+0.7	+0.2	+0.1	34	-5	103
8 ENGLAND, S.W. and S. Wales	14.4	-9.4	0.0	+0.5	+0.2	-0.1	-0.4	58	-2	76
N. IRELAND	13.7	-7.2	+0.3	+0.4	+0.3	-	-	44	-6	84
SCOTLAND	-	-	+0.6	+0.9	+0.8	-	-	48	-5	95
ENG. and WALES	-	-	+0.2	+0.9	+0.5	-	-	48	-3	86

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General.

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TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— February 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Height of Vane: Above Ground	Height of Vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at	Highest Gust: Speed	Highest Gust: Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr	knots	day	hm
	SCOTLAND																		
0 Zetland	Lerwick Observatory	304	33	33	1-4,17	23	16	196	231	202	44	0	15.8	220	43	3 06	64	1	0420
Orkney	Kirkwall	134	50	33	1	13	14	125	356	143	59	0	14.9	270	50	1 04	74	1	0330
Caithness	Dounreay	110	39	30															
Sutherland	Shin	78	33	33	1	3	3	19	180	255	239	0	7.6	260	39	1 01	67	1	0020
Ross &	Stornoway (Coastguard)	120	40	36	1-4,25	24	13	118	387	112	55	0	15.9	270	51	1 03	75	1	0225
Cromarty	Duirinish	125	65	55	1-3	10	9	45	246	304	72	19	10.9	270	45	1 01	66	1	0245
Inverness	Benbecula	69	51	35	1-4,25,29	52	22	212	372	34	26	0	20.1	270	49	1 03	77	1	0040
1 Moray	Lossiemouth	101	80	60	-	0	5	28	243	304	120	1	9.4	260	33	1 05	56	1	0435
Aberdeen	Dyce	225	40	40	-	0	2	17	235	284	160	0	8.5	270	31	1 09	49	1	0715
Angus	Auchterhouse ...	822	62	50	1	1	5	28	299	316	44	6	11.0	270	34	1 13	51	1	1245
	Bell Rock Lighthouse	126	131	124															
Perth	Rannoch	1006	56	57	1-4	19	12	83	367	141	72	14	13.8	260	44	1 03	64	1	0125
Fife	Leuchars	78	40	40	-	0	8	42	272	327	55	0	10.9	220	33	3 05	53	1	0510
Midlothian	Turnhouse	137	40	33	1	1	6	43	232	354	66	0	10.2	260	34	1 01	55	4	1220
	Edinburgh, Blackford Hill	496	50	34	1-3	6	7	63	371	225	31	0	12.4	210	40	3 04	73	3	0350
6a Argyll	Tiree	89	60	47	1-4,21-25	44	20	278	271	93	10	0	20.4	210	40	3 03	63	4	1305
Bute	Millport	50	34	34															
Renfrew	Paisley	188	81	31	-	0	2	4	140	422	130	0	7.4	260	25	1 01	53	3	0055
	Renfrew	71	41	39	-	0	4	13	210	389	84	0	8.6	220	32	3 03	58	1	0025
Lanark	Lowther Hill ...	2412	43	33	1-4,16-18,24	47	22	253	345	50	1	0	20.6	280	57	1 01	84	1	0025
Ayr	Prestwick Airport ...	68	33	33	-	0	5	18	288	336	54	0	10.4	280	25	1 02	50	4	1815
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	2	6	101	294	295	0	5.8	220	28	3 03	54	1	0050
Wigtown	West Freugh ...	81	33	33	-	0	9	68	326	230	72	0	11.8	150	29	21 21	46	4	1620
	ENGLAND and WALES																		
6b Isle of Man	Ronaldsway	119	64	39	3,14,18	12	17	222	274	158	30	0	17.2	220	36	3 04	50	3	0330
	Point of Ayre ...	64	33	33	-	0	13	162	377	155	2	0	16.0	050	32	16 11	49	3	0515
2 Durham	Durham	389	53	33	1	4	3	13	246	284	137	12	9.0	260	37	1 09	64	1	1330
	South Shields ...	73	57	44	1	1	5	55	293	262	85	0	11.1	290	34	1 12	56	1	0205
Lincoln	Cranwell	268	47	47	-	0	4	18	344	308	26	0	10.9	290	26	1 12	46	1	1130
3 Norfolk	Gorleston	45	33	33	*														
Suffolk	Mildenhall	98	83	60	-	0	0	0	171	441	84	0	8.0	230	21	3 10	39	4	1350
Bedford	Bedford	327	42	30	-	0	1	1	267	331	97	0	9.0	220	23	3 11	34	3	1050
	Cardington	276	133	133	-	0	4	20	357	273	46	0	11.0	230	27	1 04	37	1	0310
Hertford	Garston	307	50	33	-	0	0	0	43	519	134	0	5.9	260	17	4 13	30	5	0105
	Rothamsted	461	41	33	-	0	0	0	80	468	148	0	6.1	060	15	19 08	33	3	1215
Essex	Stansted ...	358	31	31	-	0	0	0	187	422	87	0	8.1	060	18	19 08	28	1	0135
	Coryton	66	57	48	‡														
	Shoeburyness ...	118	106	91	-	0	9	48	356	258	34	0	12.3	060	30	19 05	41	19	0430
4 Yorks, W.R.	Sheffield	533	83	35	-	0	1	4	50	295	337	10	4.5	280	26	1 05	64	1	0455
Warwick	Edgbaston	643	118	73	-	0	0	0	47	551	98	0	6.2	270	19	1 05	36	1	1225
	Elmdon	362	30	31	-	0	1	4	240	379	73	0	8.6	290	26	1 13	45	1	0620
Buckingham	Amersham	500	50	50	-	0	0	0	62	507	80	47	6.6	050	14	19 12	28	19	1145
Stafford	Keele	706	50	33	-	0	1	3	182	374	137	0	7.7	280	22	1 08	46	1	0725
Gloucester	Avonmouth	92	61	33	*														
5 London	Kingsway	208	143	41	-	0	0	0	112	492	92	0	7.3	260	16	1 01	34	19	0720
Middlesex	London (Heathrow) Airport	115	33	33	-	0	0	0	186	442	68	0	8.3	040	19	19 08	31	19	0935
	Hampton	139	101	100	-	0	0	0	113	382	201	0	6.1	240	17	3 12	32	19	0750
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	160	407	129	0	7.5	050	19	19 06	35	19	0630
	Gatwick	232	38	33	-	0	0	0	119	409	168	0	6.6	180	20	23 15	36	1	0210
Kent	Isle of Grain ...	48	40	33	-	0	0	0	103	386	184	23	6.5	080	21	19 04	33	19	1220
	Dover	68	38	62	-	0	1	6	192	378	120	0	8.2	050	23	19 11	33	19	0750
Sussex	Thorney Island ...	75	65	42	-	0	0	0	141	334	221	0	6.6	240	20	1 06	33	1	0520
Hampshire	Hurn	86	53	46	-	0	0	0	214	382	100	0	8.4	240	20	3 13	34	3	1225
	Calshot	50	41	33	-	0	5	14	362	305	15	0	11.5	110	24	13 24	34	1	1230
	S. Farnborough ...	318	69	35	-	0	0	0	140	441	115	0	7.5	300	16	1 12	-	-	-
Berkshire	Abingdon	295	40	40	-	0	2	3	279	280	134	0	8.9	230	23	1 02	36	1	0100
Wiltshire	Larkhill	491	51	36	-	0	2	7	220	338	131	0	8.6	270	25	1 08	43	1	0700
	Boscombe Down ...	425	55	55	-	0	1	1	199	341	155	0	7.8	280	22	1 07	38	1	0115
	Porton	406	44	44	-	0	1	1	212	303	180	0	7.9	290	22	1 12	34	19	0030
7a Cumberland	Carlisle	137	42	30	-	0	4	20	220	362	94	0	9.0	220	29	3 06	48	3	0515
	Sellafield	83	39	35	-	0	4	6	323	296	71	0	10.4	290	23	4 04	38	4	1910
	Spadeadam	959	51	40	-	0	7	36	263	297	88	12	10.6	(050	27	18 11)	(46	4	1210)
Westmorland	Great Dun Fell ...	2813	33	33	1-4	50	20	192	336	73	4	41	19.7	280	53	1 16	68	1	1545
	Moor House ...	1960	50	45	1,3,4	37	13	85	378	157	15	24	16.0	270	44	4 12	64	4	1530
Lancashire	Squires Gate ...	88	55	35	-	0	9	58	407	212	19	0	13.7	240	30	3 07	45	4	2030
	Southport	59	41	33	-	0	5	30	230	319	102	15	9.6	080	27	18 15	41	18	1345
	Fleetwood	112	50	31	∅														
	Speke	84	41	33	-	0	4	19	321	310	46	0	10.9	240	29	3 05	47	3	0445
	Manchester W/Centre	268	147	55	-	0	2	7	186	382	121	0	8.3	260	24	1 01	48	3	0530
Cheshire	Bidston Observatory	262	64	39	-	0	8	50	334	264	48	0	-	260	30	1 02	50	1	0115
	Ringway	261	33	33	-	0	6	13	253	282	148	0	8.9	270	25	4 13	44	3	0520
7b Anglesey	Valley	86	53	40	3	2	14	107	324	201	62	0	13.3	200	36	3 04	46	3	0340
8a Cardigan	Aberporth	483	41	41	21,22	5	14	116	387	119	69	0	14.7	130	35	22 21	58	13	1655
Pembroke	Brawdy	432	68	45	13	3	11	121	337	151	84	0	15.5	120	35	13 13	52	13	1640
Glamorgan	Port Talbot	91	40	35	-	0	5	52	245	286	113	0	10.2	110	27	21 21	50	13	1345
	Rhoose	257	37	32	-	0	4	33	305	305	53	0	10.6	080	27	19 03	43	19	0215
8b Dorset	Portland Bill ...	190	155	155	∅														
Devon	Plymouth Hoe ...	191	88	65	-	0	9	41	269	229	157	0	10.0	-	29	24 07	40	18	2115
Cornwall	St. Mary's, Scilly ...	230	65	57	18	5	15	183	344	124	40	0	16.2	090	34	18 17	50	18	2110
	The Lizard	315	75	60	13,18,19	16	13	137	314	194	35	0	15.0	120	37	13 16	53	18	2025
	NORTHERN IRELAND																		
9 Londonderry	Ballykelly	56	50	35	-	0	8	34	294	197	171	0	9.7	260	32	1 01	50	3	0325
Antrim	Aldergrove	263	33	33	-	0	6	16	394	238	48	0	11.7	220	28	3 02	43	1	0001
Fermanagh	Castle Archdale ...	263	43	43	-	0	4	18	295	215	168	0	9.5	210	27	3 01	49	3	0025
	CHANNEL ISLES																		
	Jersey Airport ...	359	86	50	-	0	4	14	317	354	11	0	10.9	270	24	1 09	43	13	1830

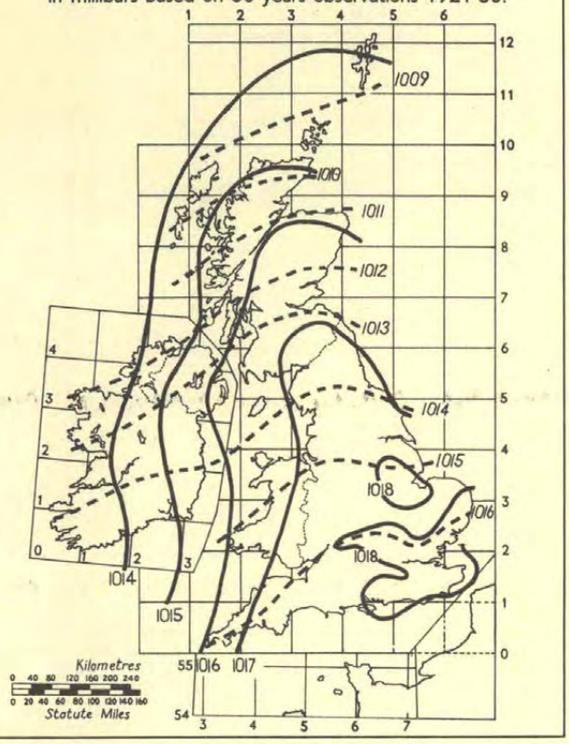
‡ Record ceased ‡ Incomplete record * Defective record

∅ Anemograph out of order

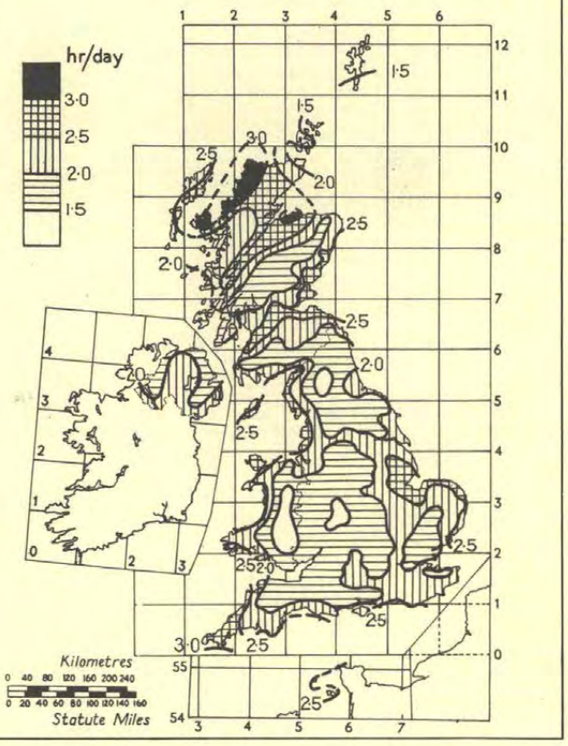
MONTHLY WEATHER CHARTS FEBRUARY 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



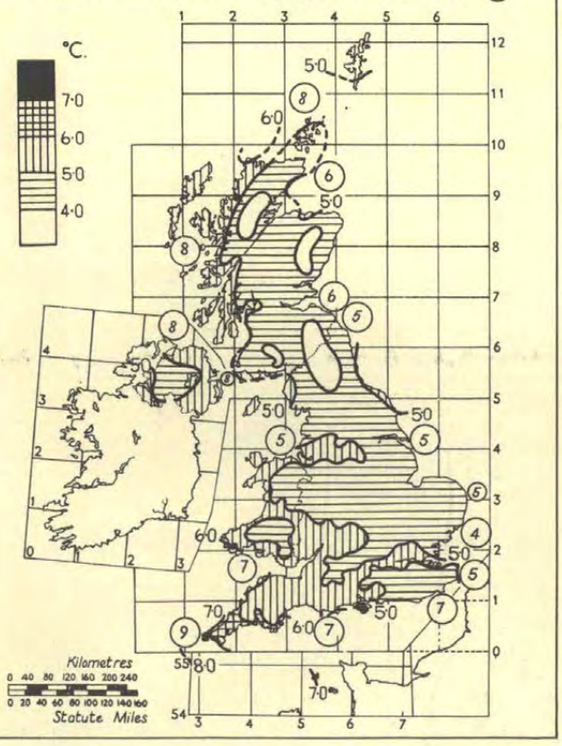
BRIGHT SUNSHINE



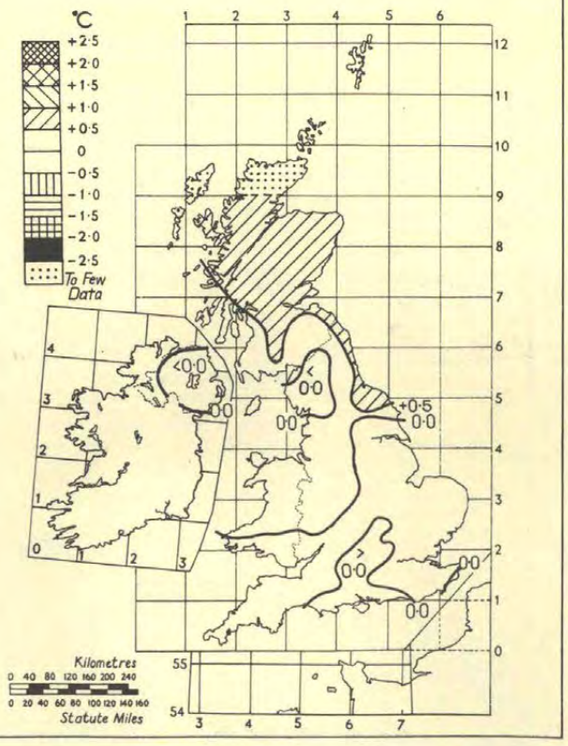
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

FEBRUARY 1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

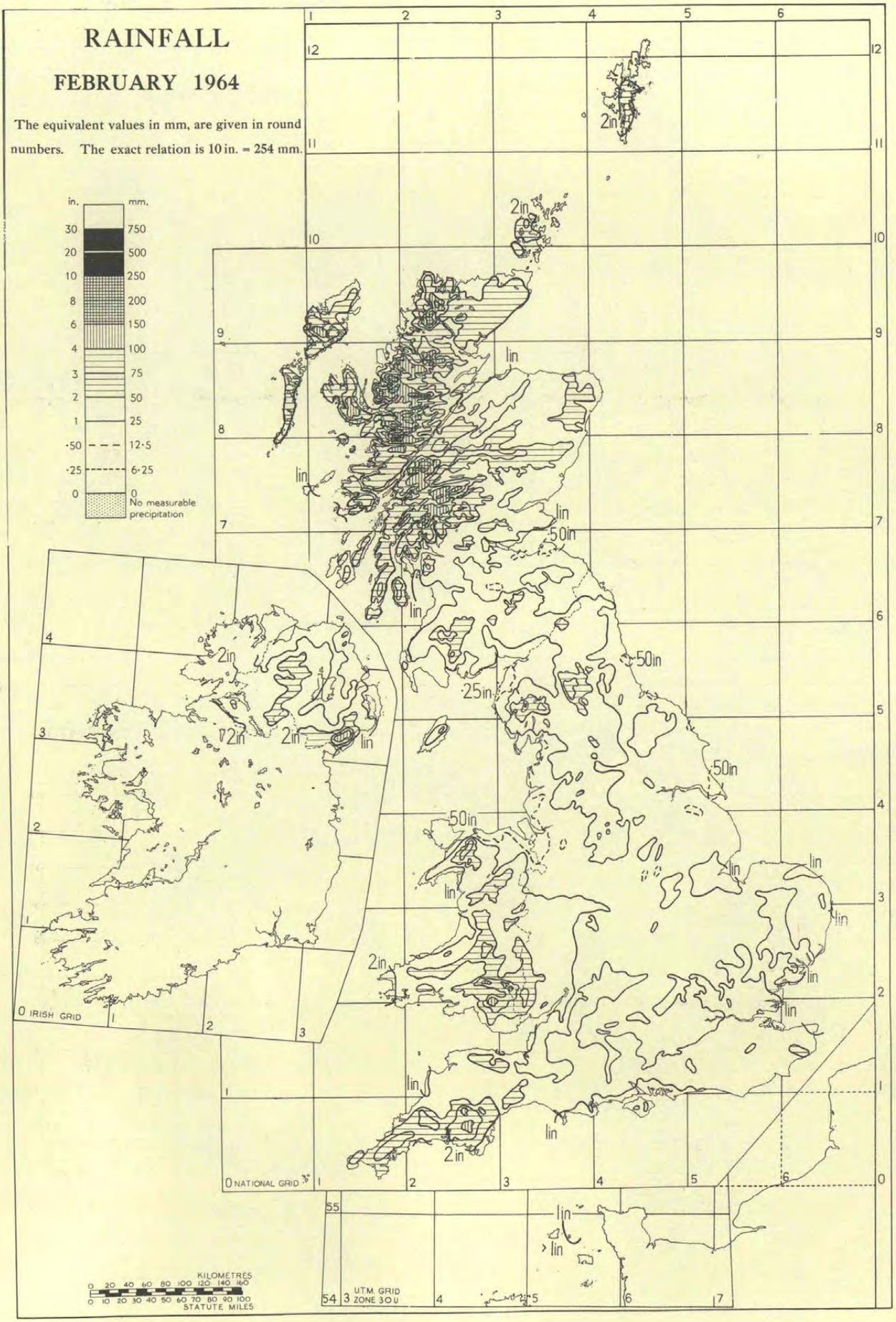


TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: 0·1in.(0·3mm.) or more	0·4in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																													
Zetland	Hamnavoe ...	9 9	70	6.6	3.2	4.9	-	9.4	29	-1.7	5,6	-	-	2.47	-	.57	2	17	14	4	2	3	1	1	0	2	-	9	1.49	-
	Lerwick Obs'y. ¶§	21-9	269	5.9	2.5	4.2	+1.3	8.7	9,29	-3.9	5	-	-	2.30	57	.67	2	17	11	5	2	1	6	2	1	7	10	6	1.31	73
	Baltasound ...	9 9	78	6.7	2.1	4.4	-	9.4	2	-3.9	5	4.5	-	1.69	44	.54	2	20	11	4	0	1	0	0	0	6	-	4	1.28	-
Orkney	Sule Skerry ...	9 9	43	7.2	4.9	6.1	-	9.2	2	0.1	17	-	-	1.40	-	.41	3	13	9	5	0	0	0	0	0	0	4	3	-	-
	Stenness ...	9 9	75	6.9	2.7	4.8	-	10.6	2,28	-2.2	19	4.7	-	2.52	-	.61	23	17	12	4	1	1	1	0	0	3	10	1	1.68	-
	Costa	9 9	115	6.7	2.9	4.8	-	10.0	28	-1.7	5	-	-	3.08	-	.42	10,23	18	14	5	2	3	3	0	0	2	8	4	1.76	-
	Kirkwall ...	21-9	84	6.5	3.1	4.8	-	9.5	2	-1.5	4	-	-	2.51	80	.41	10	15	10	7	1	6	0	1	0	3	9	1	1.64	75
Caithness	Dounreay ...	9 9	70	7.6	1.7	4.7	-	11.7	26,27,28	-3.3	18	-	-	2.40	-	.75	10	16	9	4	0	0	1	0	0	6	12	5	-	-
	Wick ... ¶§	21-9	119	6.3	2.8	4.5	+1.0	11.2	2	-2.1	5	-	-	2.17	109	.54	4	15	10	6	3	0	4	0	0	5	12	2	2.00	76
Sutherland	Cape Wrath ...	21-9	367	7.4	3.6	5.5	+1.2	12.5	26	-1.0	4	-	-	1.76	54	.59	2	12	8	3	0	0	2	0	1	1	4	4	-	-
	Achany ...	9 9	280	7.0	0.4	3.7	-	11.7	1	-8.9	21	3.2	4.6	1.70	50	.33	3	16	8	9	3	1	0	0	2	11	18	1	-	-
	Strathy	9 9	120	7.5	1.3	4.4	+1.5	12.2	26	-5.6	18,21	-	-	1.61	50	.40	3	13	8	4	0	0	4	1	0	8	-	1	2.39	119 S
Ross & Cromarty	Stornoway ¶§	21-9	11	7.7	2.6	5.1	+0.7	11.8	26	-6.0	21	-	-	1.99	74	.83	2	15	10	5	0	2	0	0	0	8	11	4	2.50	115
	Balmacara ...	9 9	2	8.2	2.9	5.5	-	13.9	26	-3.9	21	-	-	2.20	-	.73	2	13	9	-	0	-	-	-	-	5	-	-	-	-
	Poolewe ...	9 9	20	8.2	2.9	5.5	-	12.8	26	-2.8	21	-	-	1.51	-	.37	3	10	7	-	-	-	-	-	0	4	12	-	3.12	-
	Inverpolly ...	9 9	45	7.9	2.1	5.0	-	13.9	26	-5.6	21	5.1	-	1.28	-	.40	2	11	7	4	0	4	0	0	-	6	16	0	2.72	- S
	Achnashellach ...	9 9	220	7.4	0.8	4.1	+1.0	13.3	26	-6.1	21	-	-	3.46	51	.95	1	18	13	3	2	1	0	0	0	12	-	2	-	-
	Kinlochewe ...	9 9	76	8.2	1.4	4.8	-	13.3	26	-6.1	21	4.5	-	3.51	-	1.25	2	14	10	5	2	4	0	1	1	10	16	0	2.22	- S
	Blackbridge ...	9 9	690	5.9	-0.9	2.5	-	11.1	27	-9.4	21	-	-	2.94	-	.64	3	13	8	-	-	-	-	-	0	14	21	-	2.59	-
	Fortrose ... ¶§	9 9	15	7.3	2.4	4.9	+0.8	12.2	25,26	-1.7	21	-	-	1.00	59	.41	3	11	5	-	2	-	-	-	1	6	-	-	2.71	109
	Tarbatness ...	21-9	60	6.7	2.7	4.7	-	12.0	28	-3.5	21	-	-	1.17	-	.59	23	11	8	5	0	0	0	0	0	4	-	1	-	-
Inverness	Benbecula ...	21-9	19	7.6	3.9	5.7	+0.8	10.9	26	-2.4	20	-	-	2.22	74	.44	2	19	13	3	1	1	1	0	0	3	11	9	2.44	-
	Isle of Rhum ...	9 9	15	7.8	3.3	5.5	-	11.1	26	-3.3	19	5.1	6.8	2.97	-	.64	1	18	12	2	0	2	3	1	0	4	17	5	-	-
	Prabost	9 9	220	7.2	2.4	4.8	-	12.2	26	-3.3	21	-	-	2.36	-	.93	2	17	10	3	0	0	4	0	0	16	18	4	3.14	-
	Duntulm ...	9 9	294	7.3	3.1	5.2	+0.8	12.8	26	-2.2	21	-	-	1.46	37	.56	2	17	8	2	0	0	5	0	0	5	11	3	2.94	136
	Onich ... ¶§	9 9	48	7.9	2.4	5.1	+1.2	13.3	26	-6.1	5	-	-	2.70	39	1.10	1	13	10	3	0	2	0	0	0	7	17	2	2.54	125 S
	Fort William ...	9 9	27	8.3	1.3	4.8	-	13.9	26	-8.3	21	3.9	4.9	2.29	-	.78	1	13	7	5	1	0	2	0	0	9	13	1	2.52	- S
	Fort Augustus ...	9 9	70	7.5	0.6	4.1	+0.9	13.9	26	-7.8	21	-	-	1.48	-	.52	1	13	5	4	1	0	0	0	1	10	-	1	2.58	- S
	Cannich	9 9	350	6.9	-1.8	2.5	-	12.8	26	-11.7	21	-	-	2.03	51	.46	2	14	6	2	1	0	0	0	0	15	23	2	-	-
	Inverness ...	9 9	13	7.9	1.3	4.6	-	12.8	26	-5.0	21	-	-	.62	-	.19	3	9	5	-	1	-	-	-	0	10	18	-	2.95	-
	Coire Cas Shieling	9 9	2500	2.1	-1.7	0.2	-	7.8	26	-7.2	5	-	-	1.57	-	(.30)	4	14	11	11	19	0	0	0	2	18	-	2	-	- S
	Cairngorm ...	9 9	3575	-0.9	-4.4	-2.7	-	(4.4)	2	-9.4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	28	-	-	-	-
	Achnagoichan ...	9 9	1000	5.9	-0.7	2.6	-	12.2	26	-8.3	20	2.6	-	.74	-	.20	4	9	6	4	-	0	0	0	-	15	18	0	-	-
	Glenmore Lodge	9 9	1120	5.7	-1.2	2.3	-	11.5	26	-10.3	21	-	-	1.08	-	.27	4	13	6	4	5	0	0	0	2	15	23	1	2.71	- S
1	SCOTLAND, E.																													
Nairn	Nairn ... ¶§	9 9	20	7.8	-0.1	3.9	+0.3	13.9	25,26	-7.8	21	-	-	.86	57	.29	3	10	7	2	2	0	0	0	1	12	18	1	3.07	120
Moray	Forres	9 9	155	7.5	1.0	4.3	-	12.8	25,26	-4.4	18,19	3.4	4.6	.75	53	.18	4,23	11	5	2	4	1	1	0	0	7	14	0	3.21	121
	Kinloss	21-9	15	7.8	1.1	4.5	-	13.6	26	-5.9	21	3.6	-	.98	-	.26	23	12	5	5	1	0	4	0	1	12	20	2	3.08	-
	Elgin	9 9	92	7.9	1.7	4.8	-	12.8	25,26,28	-3.3	18	-	-	1.07	-	.31	3	12	7	2	1	0	0	0	0	9	15	0	3.33	-
	Lossiemouth ...	9 9	21	7.4	0.9	4.1	+0.9	12.8	26	-5.6	21	-	-	1.12	-	.31	23	11	7	5	2	2	0	0	0	8	21	1	-	-
	Gordon Castle ...	9 9	104	7.7	2.0	4.9	+1.4	12.2	1,2	-2.2	18,19,21	-	-	.98	53	.29	3	10	8	4	2	1	0	0	-	7	-	0	2.91	117
Banff	Banff	9 9	80	7.1	2.4	4.7	-	12.8	28	-1.7	21	-	-	1.37	-	.27	4	13	8	4	0	2	0	0	3	3	-	2	1.96	-
Aberdeen	Braemar ...	9 9	1113	5.1	-1.2	1.9	+0.9	11.1	26	-11.7	20,21	-	-	1.13	42	.16	17	14	10	-	5	-	-	-	0	13	-	-	2.02	- S
	Balmoral ...	9 9	927	5.2	-1.5	1.9	+0.7	10.6	26	-11.1	21	-	-	1.31	60	.30	23	15	9	6	12	0	0	0	-	16	20	0	-	-
	Dinnet	9 9	580	6.3	0.7	3.5	-	11.1	2	-5.6	13	3.1	-	1.10	-	.46	23	13	4	-	5	-	-	-	0	12	19	-	2.84	-
	Huntly	9 9	405	6.4	1.1	3.7	-	11.2	2	-4.9	19	-	-	1.24	-	.32	23	14	8	8	5	2	0	0	1	11	16	0	-	-
	Fyvie Castle ...	9 9	218	6.7	0.6	3.7	-	11.1	2,28	-3.3	19	-	-	1.77	-	.60	23	16	10	3	0	0	0	0	-	12	-	1	2.38	- S
	Craibstone ¶§	9 9	300	6.1	1.8	3.9	+1.0	11.1	2	-2.2	18	3.4	4.3	1.90	84	1.10	23	15	6	5	4	1	2	0	3	6	14	1	2.40	84
	Dyce	21-9	190	6.6	1.6	4.1	+1.2	11.2	2	-3.5	21	-	-	2.03	86	1.10	23	13	6	5	3	0	3	0	4	10	18	1	2.30	-
	Aberdeen ...	9 9	170	6.5	1.8	4.1	-	10.6	2	-1.7	13.19,21	-	-	1.69	80	.92	23	9	6	7	3	0	0	0	5	10	16	0	2.34	88
	Hilton	9 9	230	6.5	2.2	4.3	-	10.6	(1),2	-1.1	5,19	3.8	-	1.85	-	.92	23	10	7	2	2	2	1	0	6	7	18	0	-	-
	Udny	9 9	352	5.9	1.3	3.6	-	10.6	2	-2.8	21	-	-	2.32	-	1.20	23	15	8	2	3	1	1	0	3	7	18	1	2.46	-
	Rattray Head ...	21-9	85	6.1	2.5	4.3	+0.7	10.6	2	-1.0	19,21	-	-	2.31	128	.72	23	18	11	4	2	3	0	0	3	4	-	5	2.29	-
Kincardine	Fettercairn ...	9 9	560	5.9	0.9	3.4	-	10.6	7	-2.2	18,21	-	-	2.52	-	1.23	23	15	8	4	5	1	0	0	4	11	20	2	2.39	- S
	Strachan ...	9 9	400	6.5	0.4	3.5	-	10.6	2	-5.6	13	3.3	-	2.73	-	1.44	23	12	9	5	3	0	0	0	1	13	21	0	3.31	-
	Stonehaven ...	9 9	12	6.9	1.8	4.3	+0.6	10.6	2	-3.3	21	-	-	1.58	83	.72	23	12	7	3	1	1	0	0	4	7	-	0	2.51	93 S
	Muchalls ...	9 9	210	6.5	2.2	4.3	-	11.1	7	-1.1	5,19,21	-	-	1.48	-	.69	23	11	5	4	0	0	0	0	4	5	13	0	-	-
Angus	Mylnefield ...	9 9	100	6.7	1.2	3.9	-	11.1	2	-6.1	22	3.2	4.9	1.01	-	.29	23	13	6	2	5	0	1	0	1	8	17	1	2.62	-
	Auchterhouse ...	9 9	760	5.6	-0.1	2.7	-	9.4	2	-5.6	20,21	3.2	4.2	1.48	-	.45	23	15	7	8	6	0	0	0	3	11	21	1	3.19	-
	Dundee ¶	9 9	147	6.6	2.0	4.3	+1.0	11.1	2	-3.3	21	3.1	-	1.11	51	.38	23	13	5	2	5	1	1	0	-	7	17	0	2.89	-
	Glamis Castle ...	9 9	200	6.3	0.4	3.3	-	10.6	2,28	-7.2	21	-	-	1.52	-	.49	23	17	8	3	2	0	0	0	4	9	21	0	-	-
	Whitehillocks ...	9 9	845	5.7	-0.7	2.5	-	11.1	2,7	-7.2	19	-	-	2.70	-	.94	23	15	9	8	5	0	0	0	2	17	20	1	-	-
	Buddon Ness ...	9 9	15	6.6	1.0	3.8	+0.7	10.6	2	-8.9	21	-	-	1.34	72	.45	23	10	6	2	-	1	0	0	1	8	-	1	-	-
	Carnoustie ...	9 9	29	6.6	1.8	4.2	-	11.1	2	-3.9	20,21	3.6	-	1.42	74	.47	23	13	6	3	2	0	2	0	2	9	16	0	2.77	-
	Arbroath §	9 9	95	6.4	2.2	4.3	+0.6	11.1	2	-2.2	20	-	-	1.27	68	.57	23	12	5	2	2	0	0	0	2	5	14	0	2.90	96
	Montrose ...	9 9	186	6.3	1.8	4.1	-	11.1	2	-1.1	6,19,20	-	-	1.60	86	.76	23	11	6	3	1	0	0	0	3	10	17	1	-	-
Perth	Dall	9 9	720	5.9	0.2	3.1	-	11.1	26	-7.8	20,21	-	-	1.54	-	.42	3	9	8	5	0	0	0	0	1	10	14	0	-	-
	Strathyre ...	9 9	425	6.4	0.4	3.4	-	11.7	1	-8.9	21	3.1	4.3	2.97	-	.50	3	14	13	5	2	0	0	0	0	11	17	0	-	-
	Callander ...	9 9	230																											
	Ardtalnaig ...	9 9	427	6.6	1.6	4.1	-	11.1	26	-5.0	21,22	-	-	1.42	-	.22	2	13	10	3	0	0	0	0	0	9	13	0	-	-
	Dunblane ...	9 9	230	-	-	-	-	-	-	-	-	-	-	1.49	-	.40	23	15	13	-	-	-	-	-	-	-	-	-	1.87	- S
	Pitlochry ...	9 9	473	6.3	0.6	3.5	-	10.6	1,2	-7.2	21	-	-	1.17	-	.34	3	11	7	3	1	0	0	0	1	9	15	0	1.88	-
	Faskally ...	9 9	310	6.8	0.8	3.8	-	11.1	2	-7.2	21	3.1	4.3	1.34	-	.36	3	13	8	6	1	0	0	0	2	10	14	0	-	-
	Dunning ...	9 9	250	6.3	0.6	3.5	-	10.6	2,27	-9.4	21	-	-	1.46	-	.41	23	12	8	-	-	-	-	-	0	11	19	-	2.31	- S
	Perth	9 9	77	6.7	1.3	4.0	+0.8	10.6	2,28	-6.1	21	-	-	1.08	49	.45	23	13	9	3	2	1	0	0	3	9	15	0	2.03	77
	Inveralmond ...	9 9	26	7.0	1.2	4.1	-	11.1	2,29	-7.2	21	-	-	.90	-	.43	23	11	6	2	1	0	1	0	-	10	14	0	-	-
	Blairgowrie ...	9 9	230	6.5	0.8	3.7	-	11.1	2	-6.7	21	2.7	-	.89	-	.35	23	13	8	1	-	1	0	0	-	10	17	0	2.54	-
	Glenshee Lodge	9 9	1100	4.9	-0.4	2.3	-	11.1	26	-8.9	21	1.8	-	2.14	-	.67	23	16	10	8	6	0	0	0	3	13	19	0	-	-
Fife	Pitreavie ...	9 9	130	6.8	2.0	4.4	-	11.6	26	-5.1	21	-	-	.94	-	.46	23	10	7	3	2	0	0	0	0	7	16	0	-	-
	Ballingry ...	9 9	425	5.9	1.2	3.5	-	10.0	2	-4.4	20,21	3.3	4.8	1.12	-	.47	23	14	7	6	2	0	0	0	4	9	16	2	2.86	-
	Kirkcaldy ...	9 9	137	6.8	1.7	4.3	+0.8	11.1	2	-4.4	20	-	-	.85	44	.42	23	11	6	4	0	1	0	0	1	6	18	0	2.60	-
	Cupar	9 9	82	7.3	1.6	4.5	-	11.7	27	-7.8	21	3.7	-	1.07	-	.31	23	11	6	2	3	0	0	0	0	6	17	0	-	-
	Leuchars ...	21-9	35	6.9	1.0	3.9	+0.1	11.4	2	-8.9	21	-	-	1.05	61	.31	23	9	7	5	2	0	2	0	2	10	16	2	2.80	94
	St. Andrews ...	9 9	13	7.1	1.7	4.4	+0.8	11.1	2	-7.2	21	4.0	5.3	1.13	62	.39	23	12	5	-	0	-	-	-	1	8	12	-	2.98	103

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n .01in.(0·2mm.) or more	.04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	5.9	0.2	3.1	-	11.7	26	-8.9	20	-	-	.74	-	.22	23	8	6	-	-	-	-	-	6	12	15	-	2.73	110
	Turnhouse ...	21-9	114	7.1	1.7	4.4	+1.0	12.0	25	-8.0	21	-	-	.63	38	.32	23	8	2	6	2	1	3	0	1	9	14	2	2.29	-
	Edinburgh—E. Craigs	9 9	200	6.9	1.6	4.3	-	11.7	25	-6.7	21	-	-	.49	-	.27	23	7	2	4	1	0	0	0	1	8	17	0	2.52	-
	Davidson's Mains	9 9	200	6.7	1.7	4.2	+0.8	11.7	25,27	-6.7	21	3.1	-	.66	-	.35	23	11	3	3	2	0	2	0	1	7	18	0	2.49	- S
	Penicuik	9 9	620	6.1	0.5	3.3	-	12.2	26	-9.4	20	2.9	-	.78	-	.25	17	8	6	5	6	0	0	0	0	10	19	1	2.36	-
	Bush House ...	9 9	605	6.1	0.8	3.5	-	10.6	29	-8.3	20,21	2.7	3.8	.62	-	.19	23	8	5	6	6	1	0	0	0	12	16	1	2.61	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	6.6	2.0	4.3	+0.8	12.2	29	-4.4	21	-	-	.33	20	.13	17	6	2	2	2	0	0	0	0	7	17	0	2.58	96
	Liberton ...	9 9	200	6.9	1.9	4.4	+0.7	11.7	29	-6.1	21	-	-	.45	-	.28	23	4	2	-	-	-	-	-	-	5	13	-	2.65	-
	Royal Bot. Gdns.	9 9	74	7.1	1.6	4.3	+0.5	12.2	25	-7.2	21	3.3	-	.75	-	.42	23	8	3	3	1	0	1	0	1	6	17	0	2.40	104
E. Lothian	Haddington ...	9 9	162	7.0	1.4	4.2	-	12.8	26	-5.6	20,21	-	-	.47	-	.24	23	7	2	3	1	0	1	0	0	8	20	0	2.80	- S
	North Berwick ...	9 9	152	7.3	1.9	4.6	+0.8	13.9	26	-3.3	20,21	-	-	.44	30	.27	23	4	2	-	1	-	-	-	0	5	-	-		
	Dunbar ...	9 9	75	7.2	2.3	4.7	+0.7	11.7	2,26,27	-2.8	20,21	-	-	.41	-	.20	23	4	3	2	0	0	0	0	0	5	13	0	3.18	113
Berwick	Mertoun ...	9 9	225	6.6	0.1	3.3	-	12.2	27	-9.4	21	-	-	.79	-	.38	23	11	6	-	-	-	-	-	-	10	20	-	2.11	-
	Lauder	9 9	600	5.6	-0.3	2.7	-	11.1	2	-10.6	21	-	-	1.16	-	.33	23	14	9	6	6	0	0	0	5	12	20	3	2.40	-
	Marchmont ¶§	9 9	498	5.9	0.7	3.3	+0.5	10.6	2,27	-6.7	21	-	-	.98	45	.41	23	12	5	2	7	0	0	0	1	8	-	4	1.82	84 S
	Whitchester ...	9 9	838	5.6	0.1	2.9	-	10.0	2,27	-7.8	20	-	-	1.37	-	.55	17	12	7	4	-	0	0	0	-	10	-	0	-	-
	St. Abb's Head ...	9 9	245	6.6	3.2	4.9	-	12.1	2	-3.1	21	-	-	-	-	-	-	-	-	3	0	0	0	0	2	2	6	3	-	-
Peebles	Stanhope Farm	9 9	741	5.8	0.5	3.1	-	12.2	26	-10.0	21	-	-	1.19	-	.22	27	14	10	8	2	0	1	0	0	13	17	0	-	-
	Blyth Bridge ...	9 9	830	5.3	0.4	2.9	-	10.6	26	-9.4	20	-	-	.65	-	.15	3	8	6	5	6	0	2	0	1	12	17	0	2.29	-
	West Linton ...	9 9	800	5.4	0.1	2.7	-	11.1	26	-10.0	20	1.9	3.9	.87	-	.19	23	16	6	6	6	1	0	0	0	14	16	0	-	-
	Glentress ...	9 9	580	6.0	0.4	3.2	-	11.1	2	-10.6	20	-	-	.95	-	.27	23	11	7	5	5	0	0	0	0	11	-	0	-	-
Selkirk	Bowhill ...	9 9	600	5.8	-0.2	2.8	-	10.6	29	-11.7	21	-	-	1.14	-	.32	23	11	7	4	6	0	2	0	2	12	-	1	-	-
Roxburgh	Wauchope ...	9 9	560	6.0	-0.5	2.7	-	11.1	27	-11.7	20	-	-	.99	-	.27	23	11	7	-	5	-	-	-	0	13	-	-	-	-
	Sourhope ...	9 9	900	5.1	0.1	2.6	-	10.6	29	-6.1	20	-	-	1.26	-	.58	17	9	6	-	6	-	-	-	0	12	22	-	1.92	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	7.4	4.1	5.7	+0.5	10.7	2	-3.6	19	-	-	.94	30	.22	1	12	8	2	0	0	3	0	0	2	6	3	1.86	71
	Rhuvaal	21-9	65	7.3	4.0	5.7	-	11.1	2	0.6	20,21	-	-	1.53	-	.33	23	13	8	0	0	2	0	0	0	0	6	8	-	-
	Colonsay ...	9 9	87	7.6	3.3	5.5	+0.9	10.6	26	-0.6	5,19,21	-	-	1.09	28	.20	23	17	10	2	-	3	0	0	0	4	-	4	-	-
	Tobermory ...	9 9	270																											
	Craighouse ...	9 9	10	7.6	3.8	5.7	-	11.7	26	0.0	5	-	-	2.24	-	.45	3	17	13	-	0	-	-	-	0	0	6	-	-	-
	Campbeltown ...	9 9	10	7.2	3.2	5.2	-	11.7	1,2	-1.1	5	-	-	1.62	-	.40	22	12	9	2	0	0	0	0	13	3	-	0	1.80	-
	Achaglachgach ...	9 9	40																											
	Oban	9 9	229	7.4	2.6	5.0	+0.9	12.2	26	-3.3	20	-	-	1.29	30	.32	1	15	8	1	0	0	0	0	0	6	11	2	2.81	120
	Lephinmore ...	9 9	30	7.3	2.3	4.8	-	12.2	26	-3.9	20	-	-	1.51	-	.35	6	16	11	3	1	2	0	0	2	6	15	0	1.84	- S
	Glenbranter ...	9 9	120	6.9	1.6	4.3	+1.0	11.1	26	-6.1	20	-	-	2.89	37	.45	3	15	13	-	0	-	-	-	0	8	15	-	-	-
	Benmore Forestry Sch.	9 9	46	7.0	1.0	4.0	-0.1	11.7	26	-7.2	5	3.7	4.7	3.14	42	.44	22	15	13	3	1	0	0	0	3	11	13	0	-	-
	Younger Bot. Gdns.	9 9	40	7.1	2.1	4.6	-	11.7	26	-5.6	20	-	-	3.09	-	.39	2	15	14	4	2	2	1	0	1	6	17	0	-	-
Bute	Rothesay ¶§	9 9	150	6.7	2.7	4.7	+0.5	10.6	2	-1.7	5,6,20	4.3	5.2	1.69	41	.36	3	15	13	3	0	1	0	0	0	5	10	0	1.93	82
	Millport ...	9 9	16																											
Dunbarton	Helensburgh ...	9 9	293	6.4	1.6	4.0	+0.7	12.2	26	-5.0	20	-	-	1.27	28	.21	3	14	10	2	0	0	0	0	1	9	-	0	-	- S
	Cumbernauld ...	9 9	310	5.9	0.7	3.3	-	11.1	26	-7.2	21	-	-	1.28	-	.34	23	17	11	3	3	0	1	0	1	11	20	0	-	-
Stirling	Earls Hill ...	9 9	1100	4.2	-3.2	0.5	-	9.0	26	-8.0	21	-	-	2.42	-	.54	23	16	10	-	-	-	-	-	3	14	17	-	2.50	-
	Stirling	9 9	151	6.9	2.1	4.5	+0.8	11.1	2,28,29	-5.0	20,21	3.6	5.7	1.44	50	.38	23	14	10	3	3	0	0	0	1	6	15	0	2.53	-
	Falkirk	9 9	100	7.2	1.8	4.5	+1.0	12.2	27	-6.1	21	-	-	.99	-	(.30)	23	12	9	-	-	-	-	-	-	6	-	-	-	-
Renfrew	Greenock ...	9 9	200	7.0	2.2	4.6	+0.5	12.8	26	-3.9	21	-	-	1.31	26	.18	3	16	10	3	1	1	0	0	2	8	13	0	2.08	-
	Paisley	9 9	106	7.2	2.3	4.7	+0.5	13.3	26	-5.0	21	4.4	5.7	1.19	34	.22	23	12	9	5	0	0	1	0	5	5	11	0	2.06	103
	Barrhead ...	9 9	97	7.2	1.3	4.3	-	13.3	26	-8.3	21	-	-	1.17	-	.24	3	14	8	3	1	0	0	0	0	7	12	0	-	-
	Renfrew ¶§	21-9	26	7.4	2.4	4.9	+1.0	13.5	26	-6.9	20	-	-	1.02	32	.22	3	12	9	6	0	1	2	0	0	7	12	0	2.19	104
Lanark	Crossmyloof ...	9 9	75	-	1.7	-	-	-	-	-5.6	20,21	-	-	1.19	-	.23	23	14	10	3	2	0	0	0	0	7	14	0	2.21	-
	Thorntonhall ...	9 9	453	6.4	1.1	3.7	-	12.8	26	-7.2	21	-	-	1.03	-	.24	3	13	6	2	1	0	0	0	-	10	17	0	-	-
	Glasgow, Springburn	9 9	351	6.2	1.4	3.8	+0.7	12.2	26	-5.0	20,21	-	-	1.04	36	.23	23	14	9	3	2	1	0	0	0	9	15	0	2.06	100
	Coatbridge ...	9 9	256	7.1	1.4	4.3	-	14.4	26	-7.2	21	-	-	.94	-	.18	23	15	11	4	2	0	0	0	0	7	-	0	-	-
	Happendon Station	21-9	675	6.0	-0.1	2.9	-	12.0	26	-10.5	20	2.6	-	.75	-	.28	3	12	5	3	2	2	1	1	0	11	16	2	2.67	-
	Lowther Hill ...	21-9	2377	1.6	-2.9	-0.7	-	6.0	26	-7.4	20	-	-	-	-	-	-	-	-	6	-	0	0	0	17	23	-	10	1.92	-
	Leadhills ...	9 9	1270	4.6	0.2	2.4	-	10.6	26	-8.3	20	-	-	1.94	-	.31	27	14	14	4	3	0	0	0	0	11	15	0	-	-
	Carnwath ...	9 9	706	5.9	0.2	3.1	-	11.7	26	-11.1	20	-	-	.57	-	.21	3	13	5	3	6	1	0	0	0	10	20	1	-	-
	Camps Reservoir	9 9	969	5.1	-0.3	2.4	-	10.6	26	-10.0	21	-	-	1.13	-	.33	3	15	7	6	2	0	0	0	6	10	-	0	2.34	- S
Ayr	Turnberry ...	9 9	25	7.6	2.3	4.9	+0.5	13.3	26	-5.0	21	-	-	.81	-	.15	4	14	7	3	0	0	0	0	0	8	-	0	2.47	-
	Largs	9 9	20	7.6	3.1	5.3	+0.7	12.8	26	-1.7	(20),21	-	-	1.31	-	.35	3	12	12	4	0	0	0	0	0	3	9	0	1.87	-
	Barr	9 9	400	6.8	0.7	3.7	-	12.2	26	-8.3	20	-	-	1.55	-	.33	3	15	12	1	1	1	1	1	0	10	-	0	-	-
	Auchincruive ...	9 9	147	7.2	1.8	4.5	+0.6	12.2	25	-5.0	20	4.4	5.8	.70	26	.16	4	13	6	3	0	1	0	0	0	7	18	0	2.69	111
	Prestwick Airport	21-9	51	7.3	2.2	4.7	-	12.5	26	-4.9	20	-	-	.54	-	.13	3	12	4	4	1	0	3	0	0	8	14	0	2.48	-
	Kilmarnock ...	9 9	115	7.3	2.0	4.7	+0.9	12.2	26	-3.9	20,21	4.1	5.8	.63	-	.21	3	13	6	2	0	0	0	0	2	8	14	0	2.58	107
Dumfries	Dalmacallan ...	9 9	480	5.7	0.6	3.1	-	10.6	26	-8.3	20	-	-	1.38	-	.24	23	12	11	2	0	1	0	0	0	11	15	0	-	-
	Dumfries ¶§	9 9	140	6.6	1.2	3.9	+0.4	11.7	26	-6.7	21	4.2	5.4	1.28	45	.32	3	10	8	1	-	0	0	0	0	8	19	0	2.23	96
	Eskdalemuir Obs'y. ¶§	21-9	794	5.4	0.0	2.7	+0.8	11.3	26	-9.2	20	3.7	4.9	1.72	37	.52	23	12	9	10	3	0	2	0	1	14	19	0	2.08	90
Kirkcudbright	Bargrennan ...	9 9	360	7.0	0.9	3.9	-	11.1	26	-5.6	5,6	-	-	1.36	-	.21	3	15	13	2	0	1	1	0	0	10	15	0	-	-
	Palnure	9 9	50	7.4	0.6	4.0	-	10.0	26,27,29	-6.1	21	-	-	.94	-	.14	4,24	12	8	1	0	0	0	0	0	9	-	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	2.71	-	.41	2	13	11	-	-	-	-	-	-	-	-	-	2.07	-
	Glenlee	9 9	181	6.9	0.1	3.5	+0.2	11.1	1,26	-10.0	21	-	-	2.07	-	.36	23	14	11	3	1	0	0	0	0	13	15	0	-	-
	Dundeugh ...	9 9	390	6.3	-0.2	3.1	-	10.6	2,26	-11.1	21	4.2	-	2.12	-	.42	3	14	10	4	0	0	0	0	0	15	-	1	-	-
	Glenlochar Barrage	9 9	154	6.7	1.0	3.9	-	11.1	26	-5.6	20,21	-	-	.94	-	.24	23	13	7	-	0	-	-	-	1	10	-	-	-	-
	Threave ...	9 9	240	6.7	1.1	3.9	-	11.7	26	-6.1	20	-	-	.89	-	.21	24	11	8	1	0	0	0	0	2	10	19	0	-	-
	Castle Douglas ...	9 9	196	6.7	0.1	3.4	-	11.7	26,27	(-5.6)	20	3.9	-	.97	-	.20	23	14	8	-	0	-	-	-	1	11	18	-	2.34	-
Wigtown	West Freugh ...	21-9	50	6.9	1.8	4.3	-	10.1	2	-4.0	20	-	-	.65	24	.22	22	10	6	-	-	-	-	-	-	9	-	-	2.07	-
	Penwhirn ...	9 9	546	5.7	0.7	3.2	-	8.9	1,2	-6.7	5	-	-	1.17	-	.42	22	8	6	2	1	0	0	0	2	10	13	0	1.82	-
	Mull of Galloway	21-9	257	6.4	3.2	4.8	-	10.4	1	-1.6	17	-	-	-	-	-	-	-	-	4	0	0	0	1	0	2	-	4	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	7.3	3.6	5.5	-	10.7	2,27	-3.7	6	-	-	.56	24	.12	22	8	7	2	0	0	2	0	0	3	9	5	2.58	-
	Douglas	9 9	284	6.8	3.0	4.9	+0.3	10.0	1,2,29	-2.2	6	-	-	.58	19	.15	26	11	5	4	0	0	0	0	0	5	10	0		
	Point of Ayre ...	21-9	30	7.2	3.9	5.5	-	11.5	28	0.5	6	-	-	-	-	-	-	-	-	1	0	0	1	0	2	0	-	1	2.38	-
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	5.1	-1.4	1.9	-	10.6	25,27	-12.2	20	2.7	-	1.61	45	.42	23	16	11	4	7	0	0	0	3	16	25	0	-	-
	Bellingham ...	9 9	849																											

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270																											
	Corbridge ...	9 9	160	6.3	-0.6	2.9	-	12.8	27	-11.7	21	-	-	.71	-	.30	17	5	3	4	5	0	0	0	2	16	-	0	-	-
	Berwick-on-Tweed	9 9	76	6.6	2.2	4.4	+0.6	10.6	2,28	-4.4	20	-	-	.60	40	.37	23	6	3	2	0	0	0	1	5	13	2	2.07	76
	Cockle Park ¶§	9 9	326	6.1	1.2	3.7	+0.7	11.1	28	-6.1	20	3.4	-	.95	50	.35	23	10	5	3	4	0	1	0	1	7	15	1	1.66	63
	Acklington ...	21-9	138	6.4	1.5	3.9	-	11.8	28	-6.2	21	-	-	.79	-	.47	23	8	4	4	2	5	0	0	2	10	14	3	1.93	-
	Tynemouth ...	21-9	95	6.5	3.0	4.7	+0.3	12.0	2	-4.0	21	-	-	.64	39	.37	23	5	3	3	0	1	1	0	4	4	11	1	1.76	75
Durham	Chopwellwood ...	9 9	446	6.3	1.2	3.7	+0.6	12.8	27	-6.1	20	-	-	1.07	54	.55	17	5	4	4	5	0	0	0	4	10	16	0	-	-
	Ushaw College ...	9 9	594	6.1	0.9	3.5	+0.5	12.2	27	-5.6	21	-	-	1.01	49	.44	17	6	3	3	6	0	0	0	19	11	-	0	-	-
	Houghall ...	9 9	123	7.1	0.1	3.6	+0.4	13.3	27	-11.7	21	-	-	.94	50	.42	17	9	3	3	6	0	2	0	5	12	19	0	2.10	91
	Durham ¶§	9 9	336	6.7	0.6	3.7	+0.4	12.8	27	-8.9	21	3.5	4.9	.98	55	.44	17	9	4	-	6	-	-	-	-	12	19	-	1.99	82
	Gateshead ...	9 9	509	6.0	1.4	3.7	-	11.7	27	-5.0	21	-	-	.86	-	.37	23	5	3	-	3	-	-	-	5	10	-	-	1.81	-
	Middleton St. George	21-9	115	7.3	1.6	4.5	-	12.8	27	-7.0	21	-	-	.91	-	.37	23	9	5	5	3	0	3	0	2	12	17	0	2.21	-
	West Hartlepool	9 9	30	7.4	2.7	5.1	-	12.8	27	-5.6	21	-	-	.93	-	.60	23	8	3	3	1	3	0	0	2	5	11	2	1.99	-
Yorks., N. Riding	Dishforth ...	21-9	105	7.0	1.7	4.3	-	13.4	27	-6.1	21	-	-	1.01	58	.60	23	11	5	4	1	0	1	0	6	10	16	1	1.93	-
	Thirsk ...	9 9	111	6.9	1.2	4.1	-	12.2	2,27	-6.7	6,21	-	-	1.05	-	.59	23	13	5	3	2	0	0	0	3	11	19	0	-	-
	York ... ¶§	9 9	57	7.3	2.2	4.7	+0.7	13.3	2,28	-3.9	6	3.9	5.2	.87	52	.47	23	11	4	2	2	0	0	0	5	9	-	0	1.95	92
	Ampleforth ...	9 9	313	6.6	1.6	4.1	+1.0	11.7	2,27	-4.4	21	-	-	1.30	61	.69	23	11	7	2	-	0	0	0	5	11	15	0	-	-
	Redcar ...	9 9	25	7.7	2.3	5.0	-	13.3	27	-5.0	21	-	-	.88	57	.42	23	12	4	-	1	-	-	-	0	6	-	-	2.14	-
	Pickering ...	9 9	143	7.0	1.0	4.0	-	12.8	27	-7.8	21	-	-	.95	-	.50	23	9	3	2	5	0	1	0	2	11	14	0	-	-
	Whitby ...	9 9	135	7.6	2.3	4.9	-	12.8	27	-5.6	21	-	-	.69	36	.27	23	7	5	2	1	0	3	0	1	6	-	0	-	-
	Scarborough ¶§	9 9	118	7.2	2.7	4.9	+0.4	12.2	27,28	-5.6	21	4.1	5.8	.47	26	.19	23	8	4	2	2	0	0	0	5	5	9	0	2.05	89
	Silpho Moor ...	9 9	665	5.8	0.9	3.3	-	10.6	28	-6.7	20	2.9	-	.86	-	.39	23	12	5	2	3	0	2	0	6	12	19	0	2.21	-
	Whitby C/Guard	21-9	200	6.7	2.3	4.5	-	12.5	27	-5.6	20	-	-	.48	-	.29	23	4	4	1	2	0	2	0	1	6	9	4	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	5.6	0.8	3.2	-	11.1	27	-3.9	6,21	2.9	-	.79	40	.40	23	10	5	2	6	1	1	1	7	12	17	0	2.01	-
	Hull ...	9 9	8	7.1	2.3	4.7	+0.5	13.3	27	-5.6	21	3.7	5.3	.79	43	.21	17	8	6	2	2	0	0	1	2	8	11	0	2.05	94
	Leconfield ...	21-9	24	6.9	1.7	4.3	-	13.4	27	-6.5	21	-	-	.53	-	.25	23	10	4	6	2	0	2	1	6	8	20	0	2.05	-
	Filey ...	9 9	122	6.7	2.0	4.3	-	12.2	27	-6.1	21	-	-	.55	-	.24	23	8	4	1		1	3	0	3	6	11	0	2.03	-
	Bridlington ...	9 9	157	6.3	1.8	4.1	-	12.2	28	-3.9	6	-	-	.65	-	.30	23	10	5	2	1	2	2	0	5	7	13	2	2.15	-
	Spurn Head ...	21-9	29	6.1	2.8	4.5	+0.5	12.0	28	-0.9	6	-	-	.74	-	.22	17	7	5	4	1	0	0	0	4	2	-	1	2.40	98
Lincoln	Gainsborough ...	9 9	110																											
	Navenby ...	9 9	60	6.9	0.9	3.9	-	13.9	27	-6.1	6	-	-	.87	-	.17	17,22	12	7	4	3	0	0	0	5	12	16	0	-	-
	Waddington ...	21-9	224	6.9	1.6	4.3	+0.7	13.3	27	-5.7	21	-	-	.62	-	.16	23	10	5	6	2	0	3	0	6	10	14	0	2.47	-
	Lincoln ...	9 9	22	7.6	0.8	4.2	-	14.4	27	-8.3	6	3.3	4.3	.72	-	.20	23	11	5	2	2	0	0	0	6	10	18	0	2.37	-
	Cranwell ¶§	9 9	205	6.8	0.9	3.9	+0.4	13.2	27	-6.6	21	3.6	4.6	.79	48	.24	29	10	7	5	1	0	1	0	5	13	12	0	2.60	102
	Binbrook ...	21-9	353	6.3	1.9	4.1	-	11.9	27	-3.6	21	-	-	.69	-	.21	17	8	5	5	1	1	0	0	6	10	13	0	-	-
	Cleethorpes ...	9 9	23	7.1	2.3	4.7	+0.7	13.3	2	-3.9	21	-	-	.53	30	.15	17	6	5	5	0	0	1	0	2	5	-	0	2.84	116
	Manby ...	21-9	55	7.0	1.9	4.5	-	13.1	27	-6.3	21	-	-	.68	-	.17	23	7	6	5	2	0	3	0	4	6	11	0	2.44	-
	Skegness ...	9 9	15	6.9	1.8	4.3	+0.6	12.8	2,27	-3.3	6	-	-	.50	33	.16	23	6	6	4	0	0	1	0	4	9	-	0	2.30	92
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	7.2	1.6	4.4	-	12.8	27	-5.6	21	3.8	-	1.03	76	.49	29	10	7	2	0	0	0	0	2	10	10	0	2.57	-
	Marham ...	21-9	76	7.2	1.7	4.5	-	13.4	27	-5.1	21	-	-	.80	-	.13	22	11	8	4	0	0	0	0	1	7	11	0	-	-
	Santon Downham	9 9	80	7.4	0.2	3.9	-	13.9	27	-9.4	21	3.6	4.7	1.02	-	.30	28	13	9	-	0	-	-	-	0	10	19	-	2.15	-
	West Raynham ...	21-9	250	6.6	1.5	4.1	-	13.2	27	-5.5	21	-	-	.75	-	.15	24	12	6	6	0	0	2	0	3	8	14	0	2.53	-
	Cromer ...	9 9	178	6.6	2.3	4.5	+0.6	12.8	27,28	-2.2	21	-	-	.92	50	.27	24	11	7	-	0	-	-	-	0	2	10	-	2.64	102
	Sprowston ¶§	9 9	93	6.7	1.9	4.3	+0.7	13.3	27	-7.2	21	4.2	-	.78	45	.20	25	11	5	3	0	0	2	0	2	7	19	0	2.42	101 S
	Coltishall ...	21-9	55	7.0	2.0	4.5	-	13.5	27	-5.2	21	-	-	.91	-	.20	25	12	5	6	1	3	2	0	4	5	13	0	-	-
	Burlingham ...	9 9	89	6.7	2.1	4.4	-	12.8	27	-4.4	21	-	-	.84	51	.22	24,25	13	5	5	0	0	3	0	5	5	13	0	2.57	-
	Gorleston ¶§	21-9	12	6.4	2.6	4.5	+0.3	12.5	1	-1.1	6	4.4	5.8	.86	54	.29	24	12	6	6	0	0	3	0	2	2	9	2	2.51	102
Suffolk	Mildenhall	21-9	15	7.2	2.1	4.7	-	13.8	27	-7.3	21	-	-	.91	65	.32	29	11	6	4	0	0	1	0	1	7	13	0	2.48	99
	East Bergholt ...	9 9	14	7.1	1.7	4.4	-	13.3	27	-7.2	21	-	-	.97	-	.23	23	13	8	2	0	0	0	0	2	7	-	0	-	-
	Wattisham ...	21-9	292	6.1	1.8	3.9	-	12.7	27	-4.0	21	-	-	1.14	-	.23	24	11	10	3	0	0	2	0	5	9	14	0	-	-
	Aldeburgh ...	21-9	15	6.0				12.0	1											3	-	0	0	0	3		-	0	-	-
	Lowestoft ...	9 9	82	6.4	2.0	4.2	+0.4	12.2	1,2	-1.7	6	4.0	4.9	.84	55	.31	24	10	4	3	0	0	0	0	4	5	7	0	2.47	98
Cambridge	Boxworth ...	9 9	157	7.1	1.3	4.2	-	13.3	27	-7.2	21	-	-	.72	51	.40	29	10	3	4	0	0	0	0	4	10	16	0	2.12	-
	Cambridge Bot. Gdn. ¶	9 9	41	(7.4)	1.3	(4.3)	(+0.4)	13.3	27,28	-7.2	21	3.7	4.9	.85	62	.22	29	11	8	3	0	0	0	0	0	7	21	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	7.3	1.8	4.5	-	13.3	27,28	-6.7	21	-	-	.65	46	.15	28	10	5	3	0	0	2	0	3	8	20	0	2.10	86
Huntingdon	Monkswood ...	9 9	103	7.4	0.3	3.9	-	13.3	27	-9.4	21	3.5	-	.75	-	.32	29	12	7	5	0	0	0	0	4	15	14	0	-	-
	Wyton ...	21-9	129	7.2	1.6	4.4	-	13.8	27	-7.3	21	-	-	.70	-	.34	29	11	4	4	0	1	0	0	7	11	14	0	-	-
Bedford	Woburn ...	9 9	291	6.7	1.3	4.0	+0.6	12.2	27	-6.1	7,21	3.7	5.6	.83	52	.35	29	13	7	4	0	0	0	0	3	10	16	0	2.01	81
	Luton ...	9 9	379		1.1			12.2	27	-6.1	21	3.9	5.2							-	1	-	-	-	9	14	9	-		
	Silsoe ...	9 9	195	6.8	1.4	4.1	-	12.8	27,28	-7.2	21	4.1	5.7	.72	51	.23	29	10	6	3	0	0	1	0	4	10	19	0	2.06	-
	Cardington ...	21-9	93	7.3	1.2	4.3	-	13.6	27	-7.3	6	3.7	5.1	.60	45	.22	29	12	4	4	0	1	1	0	4	9	16	0	2.12	-
	Letchworth ...	9 9	209	7.2	1.4	4.3	-	15.0	27	-6.1	21	-	-							-	-	-	-	-	-	10	15	-	-	-
Hertford	Bovingdon ...	21-9	516	6.1	1.6	3.9	-	12.3	27	-5.4	6	-	-	.91	-	.22	15	11	7	4	2	0	2	0	8	11	17	0	-	-
	Garston ...	9 9	256	7.1	1.6	4.3	-	12.8	27	-5.6	7	-	-	1.00	-	.23	15	11	6	4	2	0	1	0	9	8	19	0	2.16	-
	Rothamsted ¶§	9 9	420	6.4	1.1	3.7	+0.5	12.2	27	-5.0	21	3.6	5.4	1.00	53	.27	29	11	9	3	1	0	1	0	8	13	19	0	1.99	82
	St. Albans ...	9 9	272	7.0	1.3	4.1	+0.7	12.8	27	-5.6	7	3.8	-	.99	58	.26	16	12	8	1	1	0	0	0	1	8	16	0	-	-
	Stanstead Abbotts	9 9	97	7.4	1.6	4.5	-	13.3	27	-7.2	21	4.6	5.7	.86	-	.42	28	9	7	-	-	-	-	-	-	7	13	-	-	-
	Hoddesdon ...	9 9	153	7.2	1.7	4.5	-	13.9	27	-5.6	21	3.9	-	.95	-	.33	28	11	7	3	0	0	0	0	-	7	14	0	2.19	- S
	Eastwick Lodge	9 9	137	7.3	1.2	4.3	-	13.9	27	-7.2	21	-	-	1.01	65	.42	29	14	7	-	0	-	-	-	3	9	-	-	-	-
Essex	Stansted ...	9 9	331	6.3	1.7	4.0	-	12.4	27	-5.8	21	-	-	1.16	-	.35	29	12	8	5	0	0	2	0	7	9	13	0	-	-
	Writtle ...	9 9	105	7.1	1.8	4.5	-	13.9	27	-5.6	21	4.1	-	1.10	71	.35	28	12	6	4	0	0	0	0	1	7	14	0	1.95	-
	Coryton ...	9 9	9																											
	Southend ...	9 9	90	7.2	2.3	4.7	-	13.9	27	-2.2	6	-	-	1.38	99	.44	28	14	10	5	0	0	0	0	3	4	8	0	2.25	87
	Maldon ...	9 9	14	6.8	1.8	4.3	-	13.3	27	-4.4	21	-	-	1.07	-	.23	28	14	8	2	-	0	0	0	6	7	-	0		
	Earls Colne ...	9 9	160	6.8	1.6	4.2	-	12.8	1,26,27	-5.0	21	3.9	5.1	.93	59	.21	24	13	10	-	0	-	-	-	3	7	22	-	-	-
	Shoeburyness ¶§	21-9	7	6.8	2.8	4.8	+0.5	12.8	2	-2.6	6	-	-	1.19	91	.38	28	13	8	5	0	0	2	0	5	7	10	0	1.88	72
	Clacton-on-Sea ...	9 9	53	6.3	2.2	4.3	-	12.2	1	-2.2	6	4.3	5.6	.92	64	.30	24	10	6	3	0	0	0	0	5	3	9	0	2.35	87
	Walton-on-Naze	21-9	15	6.1	2.5	4.3	-	12.0	2	-1.7	6	-	-	.94	-	.26	25	12	7	2	0	0	1	0	6	5	7	0	2.57	-
	Dovercourt ...	9 9	11																											
4	MIDLAND COUNTIES																													
Yorks., W. Riding	Slaidburn ...	9 9	629	5.7	0.7	3.2	-	12.2	27	-6.1	6	-	-	1.15	-	.42	23	14	8	3	2	0	1	0	4	12	15	0	1.99	-
	Malham Tarn ...	9 9	1297	3.9	0.3	2.1	-	9.4	1	-5.6	21	2.7	-	1.63	33	.55	23	16	10	3	6	1	0	1	7	15	21	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·1in. (0·2mm.) or more	0·4in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding— cont.	Huddersfield §	9 9	325	6.8	1.6	4.2	+0.8	13.3	27	-6.7	21	3.4	4.8	.74	-	.41	23	13	6	-	2	-	-	-	4	9	20	-	1.97	123
	Oakes	21-9	761	5.7	1.4	3.5	+0.6	13.2	27	-5.8	21	3.3	4.8	1.11	33	.55	23	17	9	4	2	1	0	0	4	11	21	2	1.97	104
	Bradford ¶	9 9	439	6.1	1.5	3.8	+0.7	12.8	27	-5.0	21	-	-	1.16	42	.56	23	14	10	3	3	1	3	0	5	10	21	1	-	-
	Ilkley	9 9	315	6.6	1.3	3.9	+0.7	12.8	27	-6.1	21	-	-	.87	26	.50	23	8	8	5	4	0	0	0	7	12	-	0	1.84	87
	Sheffield	9 9	429	6.7	1.7	4.2	+0.4	12.8	2	-5.6	21	3.7	4.9	1.13	47	.36	23	12	10	4	4	0	0	0	-	11	15	0	1.74	94
	Wakefield	9 9	121	7.1	1.7	4.4	+0.6	14.4	27	-5.6	21	3.8	5.2	.65	31	.40	23	11	3	2	1	0	2	0	6	10	18	1	-	-
	Pontefract	9 9	255	6.6	1.7	4.1	+0.6	12.2	2,27,28	-5.6	21	-	-	.66	36	.39	23	11	4	3	2	0	0	0	10	9	11	1	-	-
	Bramham	9 9	177	6.7	1.0	3.9	-	12.2	2,28	-7.2	21	-	-	.92	56	.48	23	12	7	3	1	0	0	0	6	13	16	0	2.13	-
	Cawood	9 9	20	7.1	1.3	4.2	-	13.3	27	-6.7	21	3.3	4.4	.76	45	.48	23	7	5	1	1	0	0	0	4	10	17	0	2.24	-
	Askham Bryan	9 9	110	6.7	2.2	4.5	-	13.3	21	-3.3	6,21	-	-	.87	49	.51	23	11	4	2	2	0	0	0	4	4	17	0	2.02	88
Derby	Buxton	9 9	1007	4.1	-0.3	1.9	-0.1	10.6	27,28	-7.2	6	2.8	3.9	1.27	32	.47	23	13	9	3	8	0	0	0	14	15	17	1	-	-
	Chapel en le Frith	9 9	732	5.8	0.5	3.1	-	12.8	27	-7.2	6	-	-	1.20	-	.45	23	13	8	5	5	0	0	0	6	14	21	1	-	-
	Mackworth	9 9	293	6.9	0.9	3.9	-	12.2	29	-7.8	6	-	-	.95	-	.20	22,23	9	8	3	3	0	0	1	4	13	15	0	-	-
	Belper	9 9	203							-7.2	21	-	-							3	0	0	0	1	-	11	-	0	-	-
	Derby	9 9	159	7.3	1.7	4.5	-	12.8	27	-6.1	21	-	-	.67	-	.19	22	10	6	2	2	0	0	1	4	10	18	0	1.70	-
	Morley	9 9	350	6.5	1.3	3.9	-	12.2	27	-5.6	6,21	-	-	.66	33	.16	22	11	8	2	2	0	0	0	-	9	17	0	1.74	- S
	Chesterfield	9 9	298																											
Nottingham	Sutton Bonington	9 9	157	7.2	1.3	4.3	+0.7	13.3	27	-6.7	6,21	4.2	5.2	.48	29	.12	23	11	6	3	2	0	0	0	2	10	21	0	2.06	90
	Watnall	21-9	385	6.6	1.7	4.1	-	12.7	27	-6.2	21	-	-	.96	48	.19	27	11	10	5	4	1	4	1	7	10	15	0	1.81	82
	Nottingham Training College	9 9	169	7.4	1.6	4.5	-	12.8	1	-5.0	21	-	-	.35	-	.11	23	8	5	-	-	-	-	-	5	9	18	-	-	-
	Mansfield	9 9	362	6.4	1.4	3.9	+0.6	12.2	27	-7.2	21	3.4	-	1.11	55	.28	23	12	11	2	-	0	0	0	6	9	15	0	-	-
	Nottingham ¶§	9 9	192	7.3	2.1	4.7	+0.8	13.9	27	-3.9	6	3.3	3.9	.53	30	.11	23	11	4	3	2	0	0	0	4	7	16	0	1.64	85
	Warsop	9 9	150	7.1	0.7	3.9	-	12.8	2,27	-10.0	21	-	-	.84	49	.24	23	13	8	4	2	0	0	0	5	12	17		1.76	-
	Finningley	21-9	34	7.7	2.2	4.9	+1.2	14.0	2	-5.7	21	-	-	.73	-	.29	23	9	5	5	2	0	0	1	5	8	18	1	2.40	- S
Leicester	Newtown Linford	9 9	392	6.6	0.9	3.7	-	12.8	27	-5.6	6,21	-	-	.80	-	.14	23	13	10	4	3	0	2	0	5	10	17	0	1.94	-
	Caldecott	9 9	175	7.4	0.9	4.1	-	13.9	27	-6.7	6,7	-	-	.73	-	.17	16	11	6	-	0	-	-	-	3	14	15	-	1.90	-
Northampton	Bugbrooke Mills	9 9	228	6.8	1.1	3.9	-	12.2	25	-6.1	21	3.9	5.2	.74	-	.20	16	12	6	4	0	0	0	0	14	12	-	0	1.79	-
	Raunds	9 9	193	6.9	0.8	3.9	-	13.3	28	-6.7	21	3.3	5.5	.68	46	.16	29	14	7	4	1	0	0	0	6	13	15	0	2.12	- S
	Wittering	21-9	212	7.0	1.6	4.3	-	13.4	27	-5.8	21	-	-	.81	-	.21	16	9	7	5	1	0	2	1	6	9	18	0	2.37	-
Warwick	Birmingham K.E.S.*	9 9	450	6.7	1.6	4.1	-	12.8	27	-4.4	6	-	-	.98	-	.27	23	9	5	3	2	0	1	0	3	9	-	0	-	-
	Edgbaston ¶§	21-9	536	6.3	2.5	4.4	+0.6	12.2	27	-3.8	21	5.1	6.8	.95	43	.28	16	11	5	4	5	0	0	0	5	7	13	0	1.39	67
	Luddington	9 9	138	7.6	1.2	4.4	-	14.4	27	-6.7	6	-	-	.64	42	.14	16	9	5	4	4	0	0	0	1	8	14	0	1.84	-
	Stratford on Avon	9 9	160																											
	Elmdon	21-9	319	7.0	1.8	4.4	-	12.5	27	-7.0	21	-	-	.70	37	.24	16	9	5	4	2	1	2	0	5	9	14	0	1.72	-
	Shipston on Stour	9 9	365	6.9	1.6	4.3	-	12.8	27,28	-5.0	6	4.1	-	.90	-	.24	15	11	7	4	3	0	0	0	6	12	19	-	1.91	- S
	Wellesbourne	9 9	153	7.1	0.8	3.9	-	13.3	27	-7.2	6	-	-	.58	35	.14	16	9	6	5	-	0	0	0	-	11	-	0	1.76	-
	Moreton Morrell	9 9	280	7.4	1.2	4.3	-	15.0	24	-6.7	22	-	-	.84	-	.27	16	11	7	3	3	1	0	1	1	10	14	0	1.78	- S
	Coventry	9 9	338	7.2	1.7	4.5	+1.0	12.8	27	-4.4	21	4.4	5.5	.61	34	.20	16	8	5	4	-	0	1	0	1	9	17	0	1.90	88
	Rugby	9 9	385	6.7	1.3	4.0	+0.6	12.2	27	-5.6	6	3.2	4.7	.71	-	.22	16	10	5	3	2	0	0	0	-	12	14	0	1.47	-
Oxford	Oxford ¶§	9 9	208	7.3	2.4	4.9	+0.7	13.3	27	-3.9	6,7,21	3.8	5.1	.87	49	.24	15	11	7	3	1	0	0	0	4	7	16	0	1.98	76
	Grendon Underwood	9 9	220	7.3	0.9	4.1	-	13.9	27	-8.3	7	3.5	5.1	.73	-	.27	16	11	7	4	1	0	0	0	-	9	19	0	1.49	-
Buckingham	Medmenham	9 9	98	7.7	0.6	4.1	-	12.8	1,27	-8.3	7	-	-	.79	-	.23	15	13	6	-	-	-	-	-	-	11	18	-	-	-
	Aylesbury	9 9	316	6.9	1.1	4.0	-	12.8	27	-6.1	6	-	-	.72	42	.15	16,19	11	7	2	2	0	0	0	8	14	20	0	1.73	-
Stafford	Keele	9 9	587	6.1	1.3	3.7	-	12.2	27	-5.0	6	3.3	4.9	.91	41	.36	23	12	7	7	1	0	1	0	5	10	14	0	1.78	-
	Oaken	9 9	409																											
	Stone	9 9	350	6.7	1.3	4.0	-	12.2	27	-7.2	6	-	-	.83	-	.29	23	14	7	2	2	0	1	0	4	10	23	0	1.94	- S
	Penkridge	9 9	330	6.8	1.2	4.0	-	12.8	25	-6.7	6,7	-	-	.92	-	.26	23	8	6	4	3	0	0	0	2	10	16	0	-	-
	Onecote	9 9	1350	3.6	-0.4	1.6	-	9.4	27	-6.7	21	2.1	3.8	1.46	-	.45	23	11	11	3	7	0	0	0	8	15	18	0	1.63	-
Shropshire	Oswestry	9 9	570	6.3	1.3	3.8	-	11.1	1,2,27	-4.4	21	-	-	1.00	-	.28	23	13	7	6	0	3	0	0	4	12	23	0	1.64	-
	Church Stretton	-	582											1.60	61	.36	16	16	11	-	-	-	-	-	-	-	-	-	1.81	-
	Shrewsbury	9 9	184	7.3	1.8	4.5	+0.5	13.3	27	-6.1	6	4.6	6.3	.91	54	.31	23	14	7	5	3	0	2	0	1	7	15	0	1.90	79
	Shawbury	21-9	235	7.1	1.7	4.4	+0.6	13.2	27	-6.2	21	-	-	.77	44	.33	23	9	6	4	1	0	2	0	2	8	16	0	1.73	- S
	Bridgnorth	-	245											-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	-
	Newport	9 9	211	7.1	1.1	4.1	+0.7	12.8	27	-6.7	6	-	-	.76	43	.26	23	13	7	5	3	0	0	0	1	9	20	0	1.51	67 S
Worcester	Malvern	9 9	203	7.4	2.2	4.8	-	13.3	25	-5.0	6	4.3	5.9	1.24	61	.26	16,23	14	9	6	1	0	0	0	3	10	15	0	1.43	55 S
	Worcester	9 9	190	7.7	1.5	4.6	-	13.3	25,28	-5.6	6	-	-	.93	56	.34	16	9	7	-	1	-	-	-	1	7	14	-	1.78	-
	Pershore Inst. of Hort.	9 9	130	7.4	1.8	4.6	-	13.3	27	-5.0	6	-	-	.74	-	.22	16	9	5	-	2	-	-	-	3	8	22	-	-	-
	Pershore	21-9	114	7.5	1.6	4.5	-	13.8	27	-6.4	6	-	-	.65	-	.17	16	8	5	6	0	0	1	0	1	7	13	0	1.84	-
	Halesowen	9 9	505	6.7	1.0	3.9	-	12.8	25	-6.7	6	4.2	5.4	.77	-	.28	16	9	4	4	3	0	0	0	3	11	18	0	1.39	-
Hereford	Lyonshall	9 9	510	6.5				12.2	27	-5.6	6	-	-							-	-	-	-	-	-		22	-	-	-
	Credenhill	9 9	246	7.3	1.4	4.3	-	12.8	24,27	-7.8	6	-	-	1.41	-	.26	23	11	10	-	2	-	-	-	0	8	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	7.3	2.5	4.9	+0.4	13.4	27	-6.3	6	4.5	5.8	1.05	52	.24	23	10	8	5	1	0	0	0	1	7	13	0	1.87	74
	Preston Wynne	9 9	274	7.1	1.7	4.4	-	12.8	24	-6.7	6	-	-	.89	-	.26	23	10	8	5	0	0	0	0	6	7	17	0	1.85	-
Gloucester	Avonmouth	9 9	31																											
	Filton	21-9	192	7.4	2.1	4.7	+0.3	13.2	27	-5.9	7	-	-	.92	43	.25	23	12	7	5	0	1	1	0	3	8	14	0	1.48	-
	Hempsted	9 9	39																											
	Gloucester	21-9	79	7.9	2.8	5.3	-	13.9	24,27	-6.3	6	-	-	.74	-	.15	15,27	10	6	3	1	1	2	0	4	7	9	0	1.96	-
	Cheltenham	9 9	214	7.4	2.1	4.7	0.6	13.3	24,27	-5.6	6	-	-	.90	48	.24	23	11	7	-	-	-	-	-	-	7	-	-	2.01	-
	Cirencester	9 9	443	6.8	1.8	4.3	-	12.2	1,24,27	-5.0	7	-	-	1.25	51	.36	22	12	8	3	2	0	0	0	6	9	13	-	1.93	-
	Little Rissington	21-9	740	5.8	1.6	3.7	-	11.8	27	-4.8	21	-	-	1.03	46	.22	15	12	8	5	5	1	1	0	7	12	14	0	1.65	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	7.6	2.6	5.1	+0.4	13.3	1,27	-3.3	7	4.6	5.7	.96	58	.24	28	11	6	3	0	0	0	0	4	6	10	0	-	-
	Hampstead	9 9	450	6.6	2.1	4.3	+0.8	12.8	27	-3.9	6	-	-	.98	54	.26	16	11	7	6	1	0	0	0	-	12	16	0	2.15	98
	St. James's Park	9 9	27	8.4	2.5	5.5	+0.6	13.3	1,27	-3.3	7,8	-	-	.89	59	.26	28	9	7	1	-	0	0	0	-	6	-	0	-	-
	Regent's Park	9 9	129	8.0	2.8	5.4	-	13.3	1,27	-3.9	6,7	-	-	.92	-	.23	28	11	6	-	1	-	-	-	5	7	12	-	1.71	96
	Camden Square	9 9	121	7.8	2.7	5.3	+0.7	13.3	1,27	-2.8	21	3.8	4.2	.85	51	.23	28	10	6	-	-	-	-	-	-	6	-	-	-	-
	Kingsway	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	113
	Bunhill Row	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.82	120
	Greenwich	9 9	24	7.5	2.4	4.9	-	13.3	1,27	-5.6	21	-	-	.87	57	.22	28	11	8	1	0	0	0	0	1	5	7	0	1.89	106
Middlesex	London (Heathrow) Airport	21-9	82	7.5	2.5	5.0	+0.7	13.2	27	-5.1	7	-	-	.66	41	.16	16	10	5	3	1	0	0	0	4	7	11	0	2.04	-
	Hampton	9 9	39	7.6	2.1	4.9	-	12.8	27	-3.9	6,7	-	-	.75	-	.24	15	10	5	3	0	0	0	0	6	7	12	0	2.18	-
	Southgate	9 9	221	7.4	2.1	4.7	-	13.3	27	-3.9	21	3.9	-	1.20	-	.31	28	13	7	2	0	0	0	0	5	10	14	0	2.04	-
Surrey	Wisley	9 9	150	7.3	1.9	4.6	+0.5	13.3	27	-5.6	7	4.0	5.4	.77	43	.20	15	15	6	5	1	0	0	0	4	7	17	0	2.01	91
	Mickleham	9 9	179	7.1	1.2	4.1	-	12.8	2	-7.2	6	-	-	1.33	58	.28	23	13	9	2	1	0	2	0	2	8	18	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in (0·2mm.) or more	·04in (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																														
Surrey	Kew Observatory ¶§	21-9	18	7.5	3.3	5.4	+0.8	12.3	2	-2.0	7	4.1	5.9	.70	45	.19	15	10	5	4	1	0	1	0	3	4	13	0	2.22	98
—cont.	Gatwick ... §	21-9	192	7.3	1.4	4.3	-	14.3	2	-7.4	7	-	-	1.26	-	.26	15	12	8	4	1	0	1	0	5	10	18	0	2.23	-
	Waddon ...	9 9	220	7.3	0.1	3.7	+0.6	12.2	1,2	-6.7	6,21	-	-	1.21	61	.31	28	12	8	-	-	-	-	-	-	14	-	-		
	Addington ...	9 9	474	6.3	1.7	4.0	+0.4	11.7	12,27	-4.4	6	-	-	1.38	67	.30	28	13	10	-	-	-	-	-	2	10	-	-	-	-
Kent	Bromley ...	9 9	213	7.2	2.1	4.7	-0.5	13.3	1	-4.4	6,21	-	-	1.22	69	.29	28	12	8	-	0	-	-	-	7	7	-	-	-	-
	Swanley	9 9	177	6.9	1.6	4.3	-	13.2	2	-6.1	6,21	4.3	-	1.33	-	.35	28	15	8	3	1	0	0	0	6	9	11	0	1.71	-
	Dartford ...	9 9	17	7.6	1.8	4.7	-	13.3	1,2,27	-6.1	21	-	-	1.21	80	.32	28	12	7	4	1	0	0	0	1	7	-	0	-	-
	Tunbridge Wells	9 9	351	6.4	0.7	3.5	+0.1	12.2	1,2	-7.2	6,7	3.4	4.7	1.41	62	.34	23	11	7	3	1	0	2	0	8	12	12	0	2.10	84
	Goudhurst ...	9 9	280	6.8	1.2	4.0	-	12.8	1	-6.1	21	-	-	1.67	70	.45	23	12	9	1	1	0	1	0	4	9	14	0	-	-
	East Malling ¶§	9 9	122	7.2	1.7	4.5	+0.7	13.3	2	-6.1	21	3.9	5.3	1.29	69	.28	28	13	10	4	0	0	0	0	5	8	14	0	1.91	82
	Gillingham ...	9 9	14	7.6	2.0	4.8	-	13.9	2,3	-6.7	21	-	-	1.35	-	.53	28	13	5	1	0	0	0	0	10	7	-	0	1.99	-
	Sittingbourne ...	9 9	224	7.1	1.7	4.4	-	12.8	1,2	-6.1	21	4.1	5.4			.57	28	12	9	4	1	0	0	0	8	8	12	0	2.10	-
	Isle of Grain ...	9 9	9	7.6	2.8	5.2	-	13.9	2	-2.8	21	-	-	1.31	-	.56	28	9	5	-	0	-	-	-	1	5	15	-		
	Faversham ...	9 9	157	6.7	1.6	4.1	-	12.8	2,27	-6.7	6	4.4	5.3	1.72	-	.67	28	12	7	2	0	0	2	0	4	8	14	0	2.05	-
	Dungeness ...	21-9	10	6.5	2.1	4.3	0.0	9.9	27	-4.2	6	-	-	1.61	97	.42	24	10	8	1	0	0	0	0	4	7	-	0	-	-
	Wye	9 9	185	6.9	1.8	4.3	+0.5	12.2	1,2,27	-4.4	21	-	-	1.54	69	.40	24	9	7	2	0	0	0	0	5	7	15	0	2.01	79
	Whitstable ...	9 9	9	7.4	2.6	5.0	-	13.3	2,27	-6.1	21	-	-	1.28	96	.48	28	10	6	3	0	0	0	0	2	8	-	0	2.14	-
	Folkestone ...	9 9	128	6.7	2.3	4.5	-	12.8	1	-1.7	6,20	-	7.2	1.73	94	.52	28	10	8	3	0	0	2	0	2	5	12	0	2.38	-
	Elmstone ...	9 9	28	7.1	1.7	4.4	-	13.9	27	-6.7	21	-	-	1.29	-	.41	28	10	6	-	0	-	-	-	1	8	11	-	-	-
	Herne Bay ...	9 9	21	7.1	2.9	5.0	-	13.3	27	-4.4	21	-	-	1.18	81	.40	28	10	5	1	0	0	0	0	0	3	-	0	1.99	-
	Dover	9 9	19	6.8	2.9	4.9	+0.4	12.8	1	-1.1	6	5.1	6.2	1.77	86	.63	28	10	7	2	0	0	0	0	3	3	9	0	2.33	-
	Deal	21-9	18	6.9	3.4	5.1	-	13.1	2	-1.5	6	-	-	1.25	-	.31	28	9	7	0	0	0	0	0	4	4	7	0	-	-
	Manston ...	21-9	145	6.7	2.3	4.5	-	13.1	1,2	-3.2	21	-	-	.71	-	.22	24	10	5	2	0	0	2	0	5	6	12	0	-	-
	Ramsgate ...	9 9	80	6.7	3.1	4.9	-	13.3	2	-0.6	20	-	-	.61	41	.19	24	10	6	1	0	0	0	0	4	2	-	-	2.30	86
	Margate ...	9 9	51	6.7	3.2	4.9	+0.2	12.8	27	-1.1	21	4.7	6.3	.60	44	.23	24	9	5	0	0	0	0	0	4	2	6	0	2.34	88
Sussex	Thorney Island ...	21-9	10	7.6	2.8	5.2	-	12.7	1	-4.1	6	-	-	.75	37	.22	23	10	6	3	0	0	0	0	4	7	13	0	2.34	-
	Bognor Regis ...	9 9	24	7.0	2.4	4.7	+0.2	12.2	1	-3.3	7	-	6.8	.73	33	.20	15,23	10	5	1	0	0	0	0	2	8	14	0	2.54	87
	Fernhurst ...	9 9	188	7.3	2.0	4.7	-	12.2	1,2	-6.1	7	-	-	1.39	-	.31	23	12	8	1	-	0	0	0	-	9	14	0	1.86	-
	Littlehampton ...	9 9	15	7.2	2.3	4.7	+0.2	12.8	1	-3.3	6,7	-	6.4	.94	45	.25	15	11	7	0	0	0	0	0	2	7	-	0	2.47	85
	Rustington ...	9 9	10	7.4	2.6	5.0	-	12.8	1	-3.3	6	-	5.7	.85	-	.24	15	7	6	-	0	-	-	-	-	5	11		2.30	-
	Worthing ...	9 9	25	7.3	2.8	5.1	+0.6	12.2	1,2	-2.8	6	4.8	6.4	.88	44	.23	15	11	6	0	0	0	0	0	1	5	13	0	2.54	86
	Brighton ...	9 9	32	7.3	3.1	5.2	-	11.1	1	-2.2	6	-	6.6	1.18	61	.26	15,16	10	9	2	0	0	0	0	2	4	-	0	2.45	85
	East Grinstead ...	9 9	400																											
	Seaford	9 9	45	7.1	2.4	4.7	-	10.6	3,27	-3.9	7	-	-	1.47	73	.38	16	9	8	-	-	-	-	-	2	7	-	-	2.40	81
	East Hoathly ...	21-9	130	7.0	1.6	4.3	-	12.5	1	-6.0	6	-	-	1.35	-	.35	23	11	7	2	1	0	0	0	4	9	13	0	2.28	-
	Eastbourne ...	9 9	23	6.8	3.3	5.1	+0.5	11.1	27	-1.1	6	5.5	7.7	1.48	68	.34	16	12	10	0	-	0	0	0	3	3	9	0	2.55	90
	Eastbourne C/Guard	21-9	17	7.1	2.9	5.0	-	12.0	27	-2.9	6	-	-	1.48	-	.31	16,23	14	9	0	0	0	0	0	1	6	11	1	-	-
	Bexhill	9 9	12	6.9	2.6	4.7	+0.3	11.1	1	-3.9	7	5.2	-	1.42	72	.28	16,24	11	9	1	0	0	0	0	5	6	12	0	2.42	86
	Bodiam	9 9	73	7.3	1.4	4.3	-	13.3	1	-5.0	7	4.4	5.9	1.77	-	.54	23	10	9	0	0	1	0	0	8	8	17	0	2.18	-
	Hastings ¶§	9 9	149	6.8	2.8	4.8	+0.4	11.7	1	-1.7	6	4.5	6.4	1.67	83	.44	16	12	8	1	0	0	1	0	3	4	10	0	2.37	84
Berkshire	Letcombe Regis	9 9	350		1.5			12.8	27	-5.6	6,7	-	-	.81	-	.18	23	14	7	4	1	0	0	0	1	12	-	0	-	-
	Abingdon ...	21-9	210	7.5	1.9	4.7	+0.5	14.5	27	-5.8	7	-	-	.75	44	.25	15	11	6	4	1	0	1	0	7	8	7	0	1.93	-
	Compton ...	9 9	339	7.1	1.1	4.1	-	12.2	1	-6.7	6	4.7	-	.80	-	.30	15	11	5	3	1	0	0	0	-	11	16	0	2.13	-
	Woolhampton ...	9 9	370	6.9	1.6	4.3	-	12.2	27	-5.0	7	3.9	-	.69	39	.24	15	10	6	3	1	0	0	0	7	10	18	0	-	-
	Wallingford ...	9 9	157	7.6	1.3	4.5	-	13.3	27	-7.2	6,7	4.5	6.2	.85	-	.27	15	12	7	4	1	0	0	0	4	8	17	0	2.15	-
	Shinfield ...	9 9	200	7.4	1.8	4.6	+0.6	12.8	2,27	-5.6	7	-	-	.62	35	.20	15	9	5	1	1	0	0	0	5	7	12	0	1.95	-
	Reading ...	9 9	148	7.7	2.3	5.0	+0.6	12.8	1,27	-4.4	7	4.5	5.3	.62	35	.23	15	9	5	3	1	0	1	0	5	6	12	0	1.97	-
	Reading S.T.G.	9 9	141	7.5	1.9	4.7	-	12.8	27	-5.0	7	-	-	.61	37	.20	15	8	5	3	1	-	-	-	3	7	15	-	1.91	-
	Finchampstead ...	9 9	212	7.6	1.3	4.5	-	12.8	1,2	-7.2	7	4.5	5.4	.88	-	.21	15	13	8	1	1	0	0	0	5	14	19	0	1.90	- S
	Hurley	9 9	140	7.5	1.5	4.5	-	12.8	27,28	-5.6	7	3.9	-	.69	-	.20	15	11	6	3	1	0	0	0	2	8	14	0	1.94	-
	Bracknell ...	9 9	243	7.3	1.8	4.5	-	12.2	1,2,27	-5.0	6,7	4.1	5.2	.79	-	.22	15	12	5	4	1	0	1	0	6	8	18	0	-	-
Hampshire	Bournemouth ...	9 9	130	7.3	2.9	5.1	+0.4	13.4	1	-4.8	7	4.9	6.1	.93	41	.35	23	7	4	0	0	0	2	0	4	6	9	0	2.18	75
	Hurn	21-9	33	7.7	2.4	5.1	-	13.6	1	-8.0	7	-	-	1.11	49	.41	23	8	6	1	0	0	0	0	4	6	10	0	-	-
	Christchurch ...	9 9	9	7.8	2.2	5.0	-	13.3	1	-5.6	7	-	-	.87	-	.31	23	7	6	0	0	0	0	0	3	7	14	0	-	-
	Everton ...	9 9	51	7.6	2.7	5.1	-	13.3	1	-6.1	7	-	-	.70	-	.15	22,23	8	6	0	0	0	0	0	5	4	11	0	1.97	-
	Southampton ¶§	9 9	65	8.7	2.9	5.8	+1.0	13.9	1,2	-4.4	7	5.2	6.8	1.11	48	.33	23	10	8	1	0	1	0	0	3	5	11	0	1.68	65
	Leckford ...	9 9	385	6.8	1.7	4.3	-	11.7	1	-4.4	6,7	4.4	-	1.09	46	.35	23	7	5	-	0	-	-	-	5	8	-	-	1.96	73
	Winchester ...	9 9	122	7.7	1.2	4.5	-	13.3	1	-7.8	7	-		1.10	46	.38	23	10	6	1	0	0	0	0	1	11	11	0		
	Martyr Worthy	9 9	275	7.2	1.7	4.5	-	11.7	1,2,25	-6.7	7	-	-	.98	-	.41	23	9	5	1	0	0	0	0	1	10	15	0	1.92	-
	Southsea ...	9 9	7	7.5	3.3	5.4	+0.4	12.8	1	-3.3	7	5.3	6.6	.82	38	.21	23	9	7	0	0	0	0	0	2	4	8	0	2.12	74
	Hayling Island ...	9 9	13	7.0	2.7	4.9	-	12.8	1	-3.9	6,7	-	-	.75	-	.23	23	9	5	0	0	0	0	0	3	5	-	0	2.23	-
	Long Sutton ...	9 9	512	6.6	1.2	3.9	+0.5	12.8	2	-5.6	6	4.1	6.2	1.04	45	.26	23	13	8	3	1	0	0	0	8	11	18	0		
	Alice Holt Lodge	9 9	378	6.7	1.7	4.2	-	12.2	2	-5.0	7	-	-	1.01	43	.25	15	14	6	5	1	0	0	0	6	10	17	0	1.97	-
	S. Farnborough	21-9	226	7.3	1.8	4.5	+0.3	12.9	2	-8.1	7	-	-	.87	45	.29	15	11	6	4	1	0	0	0	6	9	12	0	1.84	75
I. of Wight	St. Caterine's Pt.	9 9	51	6.8	3.5	5.1	+0.3	10.1	27	-1.0	17	-	-	.80	37	.18	23	10	7	1	-	0	0	0	5	5	-	0	-	-
	Ventnor Park ...	9 9	443	7.3	3.0	5.1	0.0	11.1	1,3,27	-2.8	6	4.6	6.9	.89	37	.23	15	13	6	0	0	0	0	0	6	5	7	0	2.29	75
	Shanklin ...	9 9	180	7.1	3.0	5.1	-	11.7	1	-5.0	7	-	-	.82	-	.26	23	12	6	1	0	0	0	0	9	4	-	0	2.21	-
	Sandown ...	9 9	13	7.6	3.4	5.5	+0.3	12.8	1	-2.8	7	-	-	.77	34	.23	23	8	5	0	0	0	0	0	5	3	-	-	2.08	70
	Ryde	9 9	15	7.6	3.6	5.6	+0.5	12.8	1	-2.8	7	-	-	.75	33	.26	23	7	6	0	0	0	0	0	1	3	-	0	2.16	76
Wiltshire	Lacock	9 9	160	7.3	1.3	4.3	-	12.8	27	-7.2	7	-	-	.69	-	.15	15	11	6	-	0	-	-	-	5	11	16	-	-	-
	West Lavington	9 9	305	6.8	1.4	4.1	-	11.7	24	-7.2	7	-	-	1.26	58	.30	28	12	10	2	0	0	0	0	5	10	-	0	-	-
	Lyneham ...	21-9	476	6.5	1.8	4.1	-	12.0	27	-5.4	6	-	-	.66	31	.15	23	12	7	4	1	1	1	0	4	11	14	0	1.73	-
	Chiseldon ...	9 9	510																											
	Larkhill	9 9	431	6.9	1.5	4.2	+0.6	11.6	1	-6.6	6	-	-	1.12	56	.33	14	13	6	4	0	0	2	0	3	10	14	0	-	-
	Boscombe Down	21-9	414	6.9	1.8	4.3	+0.4	11.8	1	-5.7	6	-	-	.87	42	.24	23	10	6	3	0	0	1	0	4	10	12	0	1.65	62
	Upavon	21-9	578	6.1	1.7	3.9	-	11.7	27	-5.0	21	-	-	.97	-	.22	23	14	6	4	0	1	1	0	6	11	13	0	-	-
	Porton ... ¶§	9 9	364	7.3	1.3	4.3	+0.7	12.1	24	-6.9	7	3.8	-	.96	45	.31	23	10	6	3	0	1	0	0	3	9	13	0	1.75	65
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	7.4	3.6	5.5	-	11.1	24,26	-2.8	6	-	-	.64	23	.22	23	9	4	-	0	-	-	-	1	3	10	-	2.65	-
	Carlisle	21-9	86	7.0	1.7	4.3	-	12.8	26	-6.1	20	-	-	.76	-	.39	23	9	4	5	0	0	0	0	0	8	13	0	2.46	-
	Newton Rigg ¶§	9 9	560																											
	Spadeadam ...	9 9	900	4.7	-0.7	2.0	-	11.1	27	-8.3	6	2.1	3.6	.90	-	.39	23	13	7	5	6	1	2	0	8	17	16	0	1.96	-
Westmorland	Ambleside ...	9 9	151	7.3	1.0	4.1	-	12.2	27	-8.3	21	-	-	1.64	27	.37	23	14	10	2	1	0	0	0	0	8	-	0	1.77	87 S

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in (0·2mm.) or more	·04in (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	0.1	-2.9	-1.4	-	5.6	26	-9.3	5	-	-	-	-	-	-	-	-	-	5	-	-	-	15	22	-	-	1.36	-
—cont.	Moor House ...	9 9	1825	2.3	-2.2	0.1	-	7.8	27	-13.9	20	1.6	-	2.40	-	0.59	2	17	9	-	7	-	-	-	6	19	21	-	1.31	-
Lancashire	Squires Gate ...	21-9	33	7.5	2.0	4.7	+0.6	14.2	27	-8.1	21	-	-	0.49	22	0.24	23	7	4	3	0	0	0	0	1	9	13	0	2.63	107
	Urswick	9 9	130	7.0	1.4	4.2	-	12.2	27,29	-5.0	6,20	-	-	0.80	-	0.29	23	8	4	2	0	0	0	0	4	9	-	-	-	-
	Southport ...	9 9	16	7.1	1.6	4.3	-	13.3	27	-4.4	20,21	4.4	7.3	0.58	-	0.31	23	9	4	-	-	-	-	-	1	9	14	-	2.75	-
	Poulton-le-Fylde	9 9	38	7.4	2.2	4.8	-	12.2	29	-5.0	6,20	-	-	0.60	-	0.26	22	10	5	2	0	0	0	0	1	6	-	0	-	-
	Grizedale ...	9 9	300	7.3	0.1	3.7	-	11.7	27	-7.8	21	3.8	-	1.47	-	0.44	23	14	10	3	1	0	0	0	0	12	21	0	-	-
	Speke	21-9	80	7.5	3.0	5.3	-	12.9	27	-3.6	21	-	-	0.45	22	0.28	23	8	2	4	0	0	0	0	1	5	9	1	2.15	-
	Kirkham ...	9 9	78	7.4	1.6	4.5	-	13.9	27	-5.6	20,21	-	-	0.61	25	0.33	23	8	6	2	0	0	1	0	0	10	15	0	2.69	-
	Garstang ...	9 9	68	7.3	2.1	4.7	-	13.9	27	-5.0	6	-	-	0.56	-	0.22	23	7	4	-	0	-	-	-	0	9	12	-	2.60	-
	Morecambe ...	9 9	24	7.1	2.4	4.7	+0.8	13.3	27	-3.3	21	-	-	0.54	21	0.20	23	9	5	2	1	0	0	0	0	5	-	0	2.45	100
	Preston	9 9	108	7.3	1.8	4.5	-	13.9	27	-5.0	6	-	-	0.81	30	0.37	23	10	5	3	0	0	2	0	4	11	12	0	-	-
	Stonyhurst ¶§	9 9	377	6.8	1.3	4.1	+0.8	13.3	27	-5.0	6	-	-	1.14	31	0.44	23	10	7	-	1	-	-	-	3	10	12	-	2.32	111
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.82	-
	Helmshore ...	9 9	854	5.3	1.2	3.3	-	10.6	27,29	-6.1	21	3.5	-	1.92	40	0.58	23	14	11	-	4	-	-	-	3	11	16	-	1.97	-
	Burnley	9 9	655	5.8	1.1	3.5	-	12.2	27	5.6	6	3.8	4.8	1.06	-	0.38	23	7	6	3	3	0	0	0	3	11	18	0	1.99	-
	Nelson	9 9	540	5.7	1.4	3.5	-	12.1	27	-5.0	6	3.4	5.0	0.98	27	.36	23	10	7	-	2	-	-	-	2	10	16	-	1.77	- S
	Rochdale ...	9 9	362	6.8	0.7	3.7	-	12.2	28	-6.1	6	-	-	1.45	-	.57	23	12	8	0	0	0	0	0	2	11	14	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	6.8	3.0	4.9	+0.7	12.8	27	-2.8	21	-	-	0.39	20	0.26	23	8	2	-	-	-	-	-	3	4	6	-	2.43	105
	Winnington ...	9 9	65	7.8	2.6	5.2	-	13.9	27,28	-3.9	6	-	-	0.60	28	0.36	23	7	6	5	0	0	0	0	1	6	14	0	-	-
	Knutsford ...	9 9	212	7.4	1.7	4.5	-	14.2	27	-5.3	6	3.7	4.9	0.83	-	0.46	23	13	7	-	1	-	-	-	-	9	14	-	-	-
	Ringway ¶§	21-9	248	7.0	2.5	4.7	+1.0	13.4	27	-4.8	6	-	-	0.63	27	0.40	23	10	3	4	0	0	1	0	3	7	12	0	2.24	114
	Macclesfield ...	9 9	500	6.2	1.7	3.9	+0.8	12.8	27	-4.4	6	-	-	0.77	28	0.35	23	11	6	4	5	0	0	1	2	8	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	7.8	2.6	5.2	+0.3	13.9	25,27	-3.9	6	-	-	0.28	15	.06	16,22	7	5	1	0	0	0	0	0	5	7	0	2.11	85
	Prestatyn ...	9 9	12	7.7	-	-	-	13.9	24,27	-	-	-	-	.50	25	.17	28	7	5	2	0	0	0	0	0	-	-	0	1.76	77
	Hawarden Bridge	9 9	17	7.9	2.2	5.1	+0.6	13.9	27	-6.1	6	-	-	.35	18	.19	23	7	3	3	0	0	1	0	2	8	-	0	-	-
Anglesey	Valley	21-9	33	8.2	3.4	5.8	+0.4	14.5	26	-5.5	20	-	-	.58	25	.22	21	8	5	3	0	0	1	0	0	6	8	1	2.83	101
Denbigh	Colwyn Bay ...	9 9	118	7.9	3.3	5.6	+0.4	13.9	25	-5.0	21	5.1	-	.17	8	.07	4	6	1	1	0	0	0	0	0	4	-	0	2.18	90
	Alwen	9 9	1100	5.4	-0.9	2.3	-	10.6	25,27,29	-10.6	6,21	-	-	1.30	-	.25	27	15	8	-	-	-	-	-	-	17	22	-	-	-
	Ruthin	9 9	248	7.2	1.7	4.5	-	13.3	27	-5.6	6	-	-	.65	-	.17	28	9	7	-	0	-	-	-	0	11	-	-	2.00	-
	Loggerheads ...	9 9	690	6.7	0.7	3.7	-	12.2	24,27	-7.8	7	3.4	5.0	.46	-	.14	23	5	4	5	3	0	0	0	1	12	16	0	-	-
	Bwlchgwyn ...	9 9	1267	4.2	-0.2	2.0	-	9.4	28	-6.7	21	3.2	-	1.97	-	.66	4	15	11	4	6	0	0	0	6	16	17	0	-	-
	Wrexham ...	9 9	275	7.2	1.4	4.3	-	13.9	27	-4.4	21	3.9	5.1	.56	-	.22	23	7	5	5	0	0	0	0	3	10	21	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	7.5	4.6	6.1	-	11.6	1	-0.2	20	-	-	.76	-	.23	22	8	6	-	0	-	-	-	0	1	8	-	-	-
	Botwnnog ...	9 9	112	7.8	2.9	5.3	-	11.7	1,26	-3.3	6,20,21	5.4	6.7	.99	-	.22	22	11	8	4	0	0	0	0	4	10	0	0	2.54	-
	Bryn Adda ...	9 9	275	-	2.9	-	-	-	-	-4.4	20	-	-	.65	-	.24	21	11	6	3	0	0	3	0	0	3	15	0	2.85	-
	Cwm Dyli ...	9 9	324	7.8	2.3	5.1	-	12.2	26	-5.0	6	4.9	-	2.68	-	1.06	2	16	11	-	3	-	-	-	0	6	12	-	-	-
	Aber	9 9	60	8.4	3.9	6.1	+0.7	13.3	24,25	-3.3	20,21	-	-	.57	27	.27	21	10	4	3	0	0	0	0	0	4	13	0	2.07	103
	Llandudno ¶§	9 9	13																											
Merioneth	Llyn Stwlan ...	9 9	1656	3.3	0.1	1.7	-	7.2	2,27,29	-6.1	20,21	-	-	1.39	-	.86	2	12	7	-	6	-	-	-	2	15	18	-	-	-
	Blaenau Ffestiniog	9 9	750	7.1	-	-	-	11.7	25	-	-	-	-							-	2	-	-	-	0	-	-	-	2.25	-
	Corwen	9 9	473	5.9	0.9	3.4	-	10.0	26,27	-8.3	6	-	-	1.14	-	.19	23	14	11	8	2	0	0	0	-	11	-	0	-	-
Montgomery	Ceinws	9 9	200	7.7	1.3	4.5	-	12.8	1,25,27	-7.8	6	-	-	2.35				14	8	-	-	-	-	-	0	11	15	-	-	-
	Lake Vyrnwy ...	9 9	995	5.1	0.5	2.8	-	10.0	29	-6.7	6	3.3	-	1.91	32	.38	23	18	11	6	8	0	1	0	3	14	17	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	7.2	3.2	5.2	+0.4	12.0	27	-4.9	6	-	-	.80	26	.19	23,26	10	8	3	0	0	2	0	0	6	9	4	2.64	-
	Aberystwyth ...	9 9	12																											
	" P.B.S.*	9 9	452	6.9	1.6	4.3	0.0	11.7	25	-7.2	21	-	-	1.11	38	.45	21	11	6	2	0	0	0	0	3	8	16	0	2.68	101
	Gogerddan ...	9 9	103	7.9	1.7	4.8	-	13.3	25	-7.2	6	-	-	.87	28	.41	21	8	5	1	0	0	0	0	0	10	15	0	2.55	-
	Swyddffynnon ...	9 9	540																											
	Trawscoed ...	9 9	200	7.9	1.8	4.9	-	13.3	25	-8.3	6	3.7	-	.90	25	.23	23	12	6	3	0	0	0	0	0	9	14	0	2.00	- S
	Llety-evan-hen ...	9 9	950	5.8	1.3	3.5	-	10.6	24,25,27	-6.1	20	-	-	1.17	-	.29	21	10	7	5	0	0	0	0	3	10	14	0	2.20	92
	Cwmystwyth ...	9 9	989	5.7	0.7	3.2	-	11.1	25	-7.8	6	-	-	1.51	-	.27	2	14	9	2	0	0	0	0	-	14	17	0	-	-
Pembroke	Dale Fort ...	9 9	109	8.0	4.1	6.5	-	11.7	1,2,29	-1.1	6	5.9	-	2.05	-	.55	22	10	9	1	0	0	0	0	0	2	9	1	2.82	-
	Brawdy	9 9	360	6.9	1.9	4.4	-	11.1	1,24	-5.6	7	-	-	2.07	-	.45	22	10	8	3	0	1	1	0	1	8	11	1	2.19	-
	Haverfordwest ...	9 9	131	7.6	2.5	5.1	+0.1	11.7	24,27,28	-6.7	5	-	-	1.88	54	.65	22	10	9	0	0	0	0	0	0	8	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	8.0	1.9	4.9	-	12.8	24,25,27	-7.2	6	5.2	6.2	1.88	-	.54	23	13	9	2	0	1	1	0	0	10	15	0	2.40	-
Radnor	Llandrindod Wells ¶§	9 9	772	6.3	0.9	3.6	+0.5	11.7	24,27	-9.4	6	4.1	-	1.44	45	.23	23	16	11	4	4	0	1	0	0	13	-	0	1.40	63
Brecknock	Llwynon ...	9 9	860	6.1	0.9	3.5	-	11.1	29	-7.2	6	-	-	3.10	-	.74	23	15	12	2	2	0	0	0	4	12	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117	6.9	3.4	5.1	-	12.0	1	-1.8	6,21	-	-	-	-	-	-	-	-	0	0	0	0	0	0	3	8	4	-	-
	Swansea ...	9 9	27	7.8	3.3	5.5	+0.2	12.2	1,28	-3.9	6	5.3	7.8	1.49	46	.33	22	11	9	1	0	0	0	0	0	4	-	0	2.10	78
	Port Talbot ...	9 9	24	8.2	3.3	5.7	-	13.9	25	-5.0	6	-	-	1.86	-	.45	22	15	8	0	0	0	0	0	0	6	10	-	1.58	-
	Neath	9 9	202	8.2	2.8	5.5	-	12.6	1	-4.4	6	-	-	1.64	-	.30	23	14	8	1	0	0	0	0	0	5	12	0	-	-
	Rhoose	21-9	220	7.0	2.2	4.6	-	12.4	27	-5.5	6	-	-	.97	39	.34	23	11	6	4	0	1	0	0	1	7	10	0	1.72	-
	Cardiff ... ¶§	9 9	202	7.7	2.3	5.0	+0.4	13.3	27	-4.4	6	5.1	6.6	1.69	51	.53	23	12	10	3	-	0	0	0	1	7	13	-	1.94	72
Monmouth	Tredegar ...	9 9	1028	5.6	1.0	3.3	-	10.6	24,27,28	-6.1	6	-	-	3.38	-	.75	23	14	12	5	5	0	1	0	13	15	18	0	1.42	- S
	Newport ...	9 9	75	7.4				12.8	1,28	-3.3	6,7	-	-	1.82	63	.60	22	13	9	3	0	0	0	0	0	7	13	1		
	Usk	9 9	70	7.7				13.3	27	-7.8	6	4.4	-	1.97	67	.51	23	13	10	3	0	0	0	0	0	11	22	0		
	Crumbland Plantation	9 9	804	6.1	1.0	3.5	-	11.7	1	-5.0	6	3.8	5.0	1.88	-	.49	23	13	8	3	7	0	0	0	6	13	16	0	1.83	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	5.6	1.3	3.5	-	11.1	25	-6.1	6	-	-	2.35	-	.47	23	13	12	2	0	0	0	0	3	13	17	0	1.51	-
	Cannington ...	9 9	95	8.6				13.3	27,28			5.6	-	.83	39	.35	23	9	5	-	-	-	-	-	0	5	11	-	2.12	78
	Weston-s.-Mare	9 9	28	7.7	2.9	5.3	+0.4	13.9	27	-3.9	7	-	-	.93	43	.39	23	9	4	3	0	0	0	0	2	6	10	0	1.87	71
	Long Ashton ...	9 9	162	7.6	2.2	4.9	+0.4	12.8	24,25,27	-5.0	6	4.9	-	.87	34	.29	23	13	6	6	0	0	0	0	0	8	18	0	1.73	72
	Wincanton ...	9 9	375	7.1	1.7	4.4	-	12.2	24	-5.0	6,7	-	-	.95	-	.41	23	9	5	2	0	0	0	0	8	10	16	0	-	-
	Bath City Boys' School	9 9	388	7.2	2.0	4.6	-	12.2	24,28	-4.4	6	4.9	-	.96	-	.21	23	9	8	4	0	0	1	0	4	12	-	0	1.61	-
Dorset	Lyme Regis ...	9 9	200	7.6	2.4	5.0	-	14.4	1	-4.4	7	-	-	1.25	-	.51	23	9	5	2	0	1	0	0	2	7	9	2	2.19	-
	Portland Bill ...	21-9	35	7.3	4.2	5.7	0.0	11.5	27	-1.5	7	-	-	.65	31	.22	23	6	4	2	0	0	0	0	0	3	-	5	-	-
	Weymouth ...	9 9	16	8.0	2.9	5.5	0.0	12.2	1,24,28	-4.4	7	-	-	.88	38	.32	23	5	5	-	0	-	-	-	0	4	-	-	2.59	87
	Winfrith ...	9 9	85	7.8	2.1	4.9	-	13.3	1	-7.2	7	-	-	1.03	-	.38	23	7	4	-	0	-	-	-	2	8	13	-	-	-
	Shaftesbury ...	9 9	680	6.5	1.6	4.1	+0.6	11.7	24	-4.4	6	-	-	1.08	44	.32	23	10	7	-	0	-	-	-	8	10	-	-	-	-
	Swanage ...	9 9	37	8.3	3.4	5.9	-	13.9	1	-3.3	7	-	7.3	.59	-	.23	23	6	4	1	-	0	0	0	2	4	5	1	2.21	78
	Poole	9 9	18	8.0	2.2	5.1	-	13.9	1	-6.7	7	-	-	.98	-	.47	23	7	5	0	0	0	0	0	2	6	-	0	1.94	69

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER February 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b ENGLAND, S.W.—cont.																														
Devon	Clawton	9 9	412	8.2	-0.6	3.8	-	13.3	27,28,29	-9.4	7	-	-	1.39	-	.27	22	14	11	0	0	0	0	0	0	15	-	0	-	-
	Hartland Point ...	21-9	298	7.1	4.1	5.6	-	11.9	25	-1.3	6	-	-	.99	-	.21	22	7	6	0	0	0	0	0	0	3	7	5	2.61	96
	Mount Batten ...	21-9	87	8.2	3.6	5.9	+0.1	12.0	1,24	-4.8	7	-	-	3.21	103	.93	22	13	9	1	0	1	1	0	1	5	9	0	2.35	82
	Plymouth, The Hoe	9 9	119	8.4	3.3	5.9	+0.1	12.2	1,29	-3.3	7	5.8	7.4	3.24	105	1.07	22	10	9	0	0	1	0	0	2	6	10	0	2.44	85
	Tavistock ...	9 9	457	8.0	2.3	5.1	+0.3	12.8	28	-5.6	7	-	6.8	2.75	-	.86	22	15	10	1	-	0	0	0	0	8	14	1	-	-
	Chivenor ...	21-9	20	8.5	3.4	5.9	-	14.3	25	-5.0	7	-	-	1.25	-	.24	23	9	7	1	0	0	1	0	0	8	11	0	2.38	-
	Ilfracombe ...	9 9	25	8.0	4.3	6.1	+0.1	13.3	25	-1.7	6	5.8	7.8	1.70	61	.31	22	12	8	1	0	0	1	0	0	4	8	0	-	-
	Totnes	9 9	120	8.8	2.1	5.5	-	13.3	25,28	-7.2	7	5.7	7.3	2.44	63	.83	22	13	9	2	0	0	0	0	1	10	14	0	(2.25)	-
	Slapton	9 9	104	8.6	3.6	6.1	-	13.3	1	-1.1	7	-	-	1.63	-	.63	22	13	6	0	0	0	0	0	1	4	10	0	-	-
	Newton Abbot ...	9 9	272	8.3	2.5	5.4	+0.4	13.3	27	-3.9	8	-	-	2.33	73	.70	22	12	8	1	0	0	0	0	0	7	8	0	2.18	78
	Paignton ...	9 9	8	8.7	3.2	5.9	-	13.9	1	-3.3	8	-	-	2.32	73	.63	22	14	11	2	0	0	0	0	0	6	8	0	2.28	85
	Torquay ...	9 9	26	8.7	3.6	6.1	+0.4	13.9	1	-3.3	7	-	7.2	1.80	63	.59	22	9	7	1	0	0	0	0	0	5	6	0	2.56	89
	Teignmouth ¶§	9 9	20	8.1	3.4	5.7	-0.1	13.9	1	-2.8	7	-	-	2.16	80	.60	22	11	9	1	0	0	0	0	0	5	9	1	2.16	76
	Starcross ...	9 9	29	7.9	2.6	5.3	-	12.8	1,27	-5.0	7	5.3	-	2.03	79	.61	22	11	7	1	0	-	-	0	0	6	9	-	2.23	-
	Exeter, Southam	9 9	160	8.1	1.8	4.9	-	13.9	25	-6.1	7	-	-	1.84	-	.65	22	8	7	0	0	0	0	0	3	11	-	0	-	-
	Exmouth ...	9 9	195	7.9	2.7	5.3	+0.3	12.8	1,2	-4.4	7	-	-	1.67	67	.57	23	9	6	1	0	0	0	0	1	7	-	0	2.31	80
	Exeter	21-9	106	8.1	2.9	5.5	-	14.1	25	-6.0	7	-	-	1.90	71	.57	23	12	8	2	0	0	0	0	0	7	10	0	1.81	-
	Sidmouth ...	9 9	25	7.9	2.2	5.1	-0.2	13.3	1	-4.4	7	-	-	1.10	-	.61	23	9	6	-	0	-	-	-	0	9	9	-		
Cornwall	St. Mary's, Scilly	21-9	158	9.3	6.3	7.8	+0.5	13.0	4,25,28	1.2	18	-	-	2.50	92	.56	21	16	11	0	0	0	2	0	1	0	-	2	2.71	94
	Penzance ...	9 9	62	9.5	3.9	6.7	-0.1	13.3	27	-2.8	8	-	-	2.97	85	.94	21	15	11	0	-	1	0	0	0	6	11	1	2.88	98
	Gulval	9 9	50																											
	Culdrose ...	9 9	268	8.4	3.8	6.1	-	12.2	25	-2.2	7	-	-	2.16	-	.49	13	9	7	0	0	2	0	1	2	5	9	0	2.77	-
	Rosewarne ...	9 9	250	8.6	3.9	6.3	-	12.2	23,25,27	-3.3	7	5.9	7.2	2.69	84	.82	22	14	8	1	0	2	0	0	0	5	12	2	2.84	-
	Lizard	9 9	240	8.8	4.3	6.5	0.0	11.8	28	0.0	7	-	-	2.67	94	.66	22	12	9	0	-	0	0	1	1	0	-	5	3.00	-
	Falmouth ¶§	9 9	167	8.8	3.9	6.3	0.0	12.8	27,28	-1.7	7	-	-	2.99	80	.87	21	11	7	0	0	0	0	1	1	3	12	1	2.67	96
	Newquay ...	9 9	176	8.6	4.6	6.6	+0.7	12.8	23,25,27	-2.8	7	-	-	1.68	63	.53	22	10	7	0	-	0	0	0	-	3	-	1	2.91	106
	St. Mawgan ...	21-9	337	8.0	3.6	5.8	-	12.5	23,27	-4.4	7	-	-	2.12	-	.53	22	10	6	0	0	0	1	1	1	6	8	0	2.89	-
	St. Austell ...	9 9	310	8.6	3.7	6.1	-	12.8	24,25	-1.1	7	-	-	2.73	67	.89	22	12	11	0	0	0	0	1	3	1	-	0	-	-
	Fowey	9 9	51	9.0	3.6	6.3	+0.1	13.3	29	-3.3	8	-	-	1.99	-	.81	22	11	6	0	0	0	0	0	1	5	-	0	-	-
	Bude	9 9	50	8.5	2.9	5.7	+0.2	13.3	24,25	-5.0	7	3.8	-	.96	38	.26	13	11	5	-	0	-	-	-	-	8	-	0	2.60	93
	Ellbridge ...	9 9	190	8.4	2.5	5.5	+0.3	12.2	1,24,27	-6.1	6,12	-	-	2.79	87	1.04	22	13	8	0	0	0	0	0	0	5	14	0	2.32	80
9 NORTHERN IRELAND																														
Londonderry	Loughermore Forest	9 9	570	6.6	1.3	3.9	-	11.1	27	-4.4	7	-	-	.94	-	.19	3	12	8	0	0	0	0	0	0	9	16	0	-	-
	Ballykelly ¶§	21-9	6	7.9	2.6	5.3	+0.5	13.7	25	-4.6	9	-	-	.55	22	.13	23	10	6	2	0	1	1	0	0	7	12	2	1.98	74
	Derrynoyd Forest	9 9	290	7.2	1.5	4.3	-	12.8	25	-4.4	9	-	-	2.41	-	.51	22	12	11	0	0	0	0	0	0	10	15	0	-	-
	Somerset Forest	9 9	140	7.6	2.1	4.9	-	11.7	1,27	-3.9	8	-	-	.79	-	.18	23	14	7	0	0	0	0	0	0	7	14	0	-	-
	Garvagh Forest	9 9	290	7.2	1.7	4.5	-	11.7	2	-3.9	8	-	-	1.47	-	.32	23	12	9	2	0	0	0	0	0	11	18	0	-	-
	Moneydig ¶	21-9	112	7.5	2.3	4.9	+0.3	12.1	2	-4.0	9	4.6	-	1.14	40	.26	23	12	8	3	0	2	2	0	0	10	13	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	.69	-	.18	2,3	11	4	-	-	-	-	-	-	-	-	-	1.90	-
	Lisnafillan ...	9 9	124	7.4	1.3	4.3	-	12.8	27	-5.6	8	-	-	.99	-	.36	23	13	7	2	0	0	0	0	4	10	15	0	2.55	-
	Aldergrove ¶§	21-9	225	6.9	2.1	4.5	+0.3	12.4	27	-4.4	9	4.6	6.9	.80	-	.19	23	13	8	3	0	0	1	0	0	8	12	0	2.18	95
	Greenmount ...	9 9	105	7.3	2.1	4.7	-	12.8	27	-4.4	9	4.3	-	.58	-	.15	23	11	5	-	-	-	-	-	-	6	11	-	-	-
	Black Mountain	21-9	969	5.0	1.5	3.3	-	9.2	27	-3.1	8	-	-	.75	-	.19	14	11	9	1	0	0	0	0	6	11	-	1	-	-
	Ballypatrick Forest	9 9	500	6.6	2.0	4.3	-	11.7	27	-2.2	8	-	-	1.90	-	.38	23	11	10	3	0	0	0	0	3	8	12	0	-	-
	Larne	9 9	140	7.7	2.7	5.2	-	11.7	28	-2.8	8	-	-	1.76	-	.56	22	11	9	1	0	1	0	0	2	3	-	0	-	-
	Kilroot	9 9	71																											
Down	Newry Abbey ...	9 9	32	7.8	2.1	4.9	-	11.7	27	-6.1	8	-	-	2.37	-	.72	22	13	12	2	0	0	0	0	0	9	-	0	-	-
	Hillsborough §	9 9	379	6.7	2.1	4.4	+0.4	11.1	23,27	-2.8	5,21	4.7	-	.83	32	.14	14,15	10	8	3	1	0	0	0	0	8	15	0	1.93	83
	Kilkeel	21-9	58	7.4	3.2	5.3	-	11.2	1	-2.0	6	-	-	1.39	-	.41	21	13	8	1	0	1	0	0	1	5	10	0	2.21	-
	Tollymore Park	9 9	249	7.4	2.8	5.1	-	11.1	1,2	-1.7	5,6,9	-	-	4.45	-	1.58	22	13	10	2	1	0	0	0	0	5	12	0	-	-
	Stormont Castle	9 9	185	7.3	2.3	4.8	-	11.1	2,28	-1.7	8	4.6	5.7	1.13	-	.34	22	10	5	2	0	0	1	0	3	7	16	0	1.82	-
	Crossgar ...	9 9	119	7.4	2.6	5.0	-	12.2	2	-3.3	8	-	-	1.30	-	.38	22	14	7	2	0	0	0	0	0	8	11	1	-	-
	Creighton's Green	9 9	391	6.4	2.4	4.4	-	10.6	2	-1.1	8	-	-	1.42	-	.40	22	12	7	2	0	0	1	0	1	6	12	2	-	-
	Helen's Bay ...	9 9	140	7.1	3.1	5.1	-	11.7	2	-0.6	8,9	-	-	1.10	-	.30	22	12	7	4	0	0	3	0	1	2	14	1	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	7.2	3.6	5.4	-	11.0	1	-1.0	5,8	-	-	1.19	-	.26	22	11	10	1	0	1	0	0	0	3	5	4	-	-
	Ballyhalbert ...	9 9	10	7.3	3.3	5.3	-	11.1	2	-1.1	9	-	-	.84	-	.27	24	9	5	1	0	0	0	0	0	1	10	2	2.10	-
Armagh	Armagh ¶§	9 9	202	7.9	2.4	5.1	+0.5	13.3	23,27	-3.3	9	4.6	5.9	1.23	55	.28	23	13	9	3	0	0	0	0	0	9	12	0	2.21	94
	Loughgall ...	9 9	92	7.7	1.6	4.7	-	13.3	27	-4.4	8,9	-	-	1.12	-	.22	14,22	13	9	1	0	0	0	1	0	10	19	0	2.28	-
	Glenanne ...	21-9	438	6.8	2.4	4.6	-	12.5	23,27	-1.5	5,9	-	-	1.64	-	.46	22	13	10	1	1	0	0	0	0	9	11	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	2.08	72	.56	23	14	14	-	-	-	-	-	-	-	-	-	2.03	81
Tyrone	Lough Bradan ...	9 9	554	6.5	1.2	3.9	-	11.1	23,25,27	-4.4	9	-	-	1.76	-	.35	22	15	11	-	-	-	-	-	0	9	15	-	1.46	-
	Baronscourt Forest	9 9	290	7.4	1.6	4.5	-	12.8	27	-6.7	8	-	-	1.43	-	.44	22	13	10	1	0	1	0	0	0	11	16	0	-	-
	Carrigans ...	21-9	371	7.0	2.2	4.6	-	12.1	27	-4.3	9	-	-	1.27	-	.22	22	14	10	3	0	1	1	0	0	9	11	0	-	-
	Lislap Forest ...	9 9	685	7.2	0.9	4.1	-	12.2	23	-4.4	5,9	4.1	-							1	0	0	2	0	0	12	18	0	-	-
	Knockmany Forest	9 9	239	7.3	1.0	4.1	-	12.8	23,27	-7.2	8,9	-	-	2.07	-	.68	22	12	11	1	0	0	0	0	0	11	13	0	-	-
	Pomeroy Forest	9 9	540	6.6	1.1	3.9	-	11.7	23	-3.3	8,9	4.4	-	2.13	-	.62	22	15	10	4	0	0	0	0	1	12	17	0	-	-
	Cookstown ...	9 9	253	7.2	1.4	4.3	-	12.2	27	-4.4	9	4.4	-	1.83	-	.50	21	13	9	-	-	-	-	-	-	10	16	-	-	-
Fermanagh	Roscor	9 9	470	7.3	1.7	4.5	-	12.8	23,27	-2.8	5,7,8	-	-	1.29	39	.21	2	13	9	-	-	-	-	-	0	8	14	0	-	-
	Lough Navar Forest	9 9	485	6.9	1.5	4.2	-	12.2	23,25	-4.4	8	-	-	2.21	-	.35	22	15	11	1	0	0	0	0	0	9	15	0	-	-
	Ely Lodge ...	21-9	210	7.4	2.5	4.9	-	12.8	25	-3.7	8,9	4.9	6.3	1.41	-	.29	22	15	10	0	0	1	0	0	0	6	11	0	1.69	-
	Castle Archdale Forest ¶§	9 9	215	7.4	1.7	4.5	0.0	12.2	27	-5.6	9	4.9	-	1.36	-	.28	22	14	11	1	0	0	0	0	0	8	12	0	1.76	72
	Pubble Forest ...	9 9	290	7.2	0.9	4.1	-	12.2	23,27	-7.2	8,9	-	-	1.37	-	.38	22	14	11	0	0	0	0	0	0	10	13	0	-	-
CHANNEL ISLES																														
Guernsey	States Airport ...	21-9	340	7.8	4.7	6.3	+0.1	11.4	27	0.5	21	6.3	7.4	1.32	49	.52	18	10	6	0	0	0	0	0	3	0	5	0	2.53	-
Alderney	States Airport ...	9 9	288	-	3.9	-	-	-	-	-1.1	21	6.4	-	.79	-	.33	18	9	5	0	0	0	0	0	2	1	-	0	2.56	-
Jersey	Jersey Airport ...	9 9	273	8.1	3.9	6.0	-	12.5	24,27	-1.3	7	-	-	1.12	43	.67	18	13	3	0	-	0	0	0	1	1	7	0	2.69	-
	St. Helier ...	9 9	28	8.6	4.6	6.6	+0.4	12.8	26	-0.6	7	-	-	1.62	68	1.13	18	9	5	0	-	0	0	0	1	1	-	0	2.50	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.57	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. § *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS February 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 to 2	3 to 5	6 to 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																				
0 SCOTLAND, N.																																												
Zetland Lerwick Observatory H	3	273	1013.4	-	4.2	1.0	7.0	83	6.6	1	2	3	5	17	1	0	0	1	0	0	1	10	4	8	5	1	7	11	9	1	2	2	2	4	6	2	6	4
	9	273	1014.3	+5.3	4.0	1.0	6.9	83	6.9	0	1	3	12	13	0	0	0	1	0	0	2	3	9	8	6	2	7	9	9	2	3	1	3	4	5	2	7	9
	15	273	1014.8	-	5.0	1.2	7.1	81	6.7	0	1	2	19	6	1	0	1	0	1	0	1	4	7	8	7	0	7	12	8	2	1	2	2	3	7	2	4	6
	21	273	1015.4	-	4.1	0.9	7.0	84	6.8	0	1	3	10	15	0	0	0	0	1	2	2	8	2	9	5	0	8	14	6	1	5	1	1	5	7	1	5	3
Orkney Kirkwall ... H	3	86	1014.0	-	4.5	0.8	7.5	86	6.0	1	4	4	6	14	0	0	0	0	0	1	2	2	7	16	1	1	6	10	11	1	2	1	1	6	8	1	9	0
	9	86	1014.6	-	4.8	0.8	7.6	87	6.4	0	4	1	14	10	0	0	0	0	0	0	2	5	9	10	3	1	5	12	11	0	2	2	2	7	5	1	9	1
	15	86	1015.1	-	5.8	1.1	7.8	83	6.4	0	2	5	13	7	2	0	0	1	1	0	0	4	5	14	4	0	6	16	6	1	1	1	2	9	5	1	7	2
	21	86	1015.6	-	4.8	0.9	7.5	86	6.0	0	4	5	8	11	1	0	1	0	0	1	1	4	3	17	2	0	4	15	7	3	0	0	2	9	4	2	7	2
Caithness Wick ... H	3	121	1014.2	-	4.3	1.0	7.0	84	5.2	2	4	7	10	6	0	0	0	0	0	0	0	8	3	16	2	0	6	13	9	1	2	1	0	9	7	0	9	0
	9	121	1015.0	+5.1	4.2	0.8	7.1	85	5.9	1	1	7	14	5	1	0	0	0	1	1	2	5	6	10	4	1	1	15	11	1	1	1	0	7	7	1	9	2
	15	121	1015.1	-	5.6	1.2	7.5	81	5.8	1	5	3	14	5	1	0	1	0	0	2	2	4	6	10	4	0	4	16	9	0	0	0	2	11	4	2	5	5
	21	121	1015.7	-	4.5	1.0	7.1	84	5.4	0	6	6	8	8	1	0	0	0	1	1	2	4	5	13	3	0	4	14	10	1	1	1	2	9	6	3	6	0
Sutherland Cape Wrath ... H	3	371	1012.1	-	5.2	1.3	7.0	78	5.2	4	4	4	5	12	0	0	0	0	0	0	0	1	5	4	19	3	3	12	8	3	1	1	3	6	4	5	4	2
	9	371	1013.0	-	5.2	1.4	7.0	78	6.1	1	3	2	14	8	1	0	0	0	1	0	0	2	8	2	16	1	8	8	11	1	1	2	3	6	4	6	6	0
	15	371	1013.4	-	6.3	1.6	7.2	75	5.6	0	4	6	10	9	0	0	0	0	0	0	0	3	4	4	18	3	4	10	10	2	0	2	5	4	4	5	5	2
	21	371	1013.8	-	5.2	1.3	7.1	79	5.4	1	6	4	6	11	1	0	0	0	1	0	0	3	4	5	16	1	9	8	10	1	0	2	4	6	4	5	5	2
Ross & Cromarty Stornoway H	3	16	1013.6	-	4.7	0.7	7.7	88	4.7	7	2	4	10	6	0	0	0	0	0	0	0	2	6	18	3	1	2	8	15	3	1	2	1	8	5	5	3	1
	9	16	1014.5	+5.0	4.5	0.8	7.5	87	5.2	0	9	3	9	8	0	0	0	0	0	0	0	2	9	9	9	0	2	11	13	3	1	0	2	8	5	5	4	1
	15	16	1014.2	-	6.8	1.4	7.9	79	5.5	2	3	5	14	5	0	0	0	0	0	0	0	1	6	12	10	0	3	12	14	0	0	1	3	8	7	4	5	1
	21	16	1014.7	-	5.2	0.8	7.9	87	5.1	5	4	2	6	12	0	0	0	0	0	0	0	3	5	16	5	0	2	9	16	2	1	0	4	9	6	2	5	0
Inverness Benbecula H	3	21	1013.5	-	5.3	0.8	7.9	86	5.3	2	6	3	5	13	0	0	0	0	0	0	0	3	11	12	3	3	5	17	3	1	1	0	4	9	4	5	4	1
	9	21	1014.2	-	5.4	1.0	7.8	85	5.5	0	6	4	14	5	0	0	0	0	0	0	0	2	14	4	9	3	7	14	4	1	0	3	3	9	3	3	6	1
	15	21	1013.8	-	6.6	1.4	7.8	79	6.1	0	3	5	14	7	0	0	0	0	0	0	0	4	8	11	6	1	16	10	2	0	1	1	2	10	7	1	5	2
	21	21	1014.3	-	5.7	1.1	7.7	82	5.6	1	7	1	10	10	0	0	0	0	0	0	0	2	13	10	4	3	10	13	2	1	0	1	3	10	6	2	5	1
1 SCOTLAND, E.																																												
Moray Kinloss ... H	3	19	1014.9	-	3.6	1.2	6.5	81	4.6	3	6	8	3	9	0	0	0	0	0	0	1	5	7	12	4	1	1	12	15	0	0	2	6	2	5	8	5	1
	9	19	1015.7	-	3.6	1.1	6.6	81	5.1	0	8	4	14	3	0	0	0	0	1	0	0	6	5	9	8	1	2	12	12	2	0	2	4	4	2	7	7	1
	15	19	1015.5	-	7.0	2.2	7.0	70	5.3	0	8	1	18	2	0	0	0	0	0	0	0	5	7	11	6	0	4	14	10	1	1	0	4	8	2	2	10	1
	21	19	1016.2	-	4.0	1.1	6.8	83	5.2	3	5	4	7	9	1	0	0	0	1	0	0	8	9	7	4	0	2	10	16	1	0	1	7	4	3	6	4	3
Aberdeen Dyce ... H	3	193	1015.6	-	3.5	1.0	6.6	83	5.2	5	4	3	4	12	1	0	0	2	1	1	1	9	9	5	1	0	2	6	14	7	1	1	1	5	4	1	7	2
	9	193	1016.1	+4.5	3.5	1.0	6.7	84	5.9	0	4	8	6	10	1	0	1	2	1	1	3	6	6	7	2	0	1	10	15	3	3	0	1	5	6	0	10	1
	15	193	1016.2	-	5.8	1.6	7.1	77	5.8	0	6	3	13	4	3	0	0	1	2	2	2	4	10	6	2	0	1	12	16	0	0	0	4	9	4	1	6	5
	21	193	1016.9	-	3.4	0.9	6.7	85	5.2	4	3	7	2	10	3	0	0	1	2	0	4	12	4	6	0	0	0	10	17	2	1	1	2	8	5	2	7	1
	3	108	1015.0	-	4.2	1.0	7.1	84	4.9	2	2	12	9	2	2	0	1	0	1	0	0	5	22	0	0	2	5	13	8	1	0	1	1	4	9	2	10	1
Rattray Head ...	9	108	1015.5	-	4.1	0.9	7.0	85	6.0	0	2	6	16	2	3	0	1	0	2	1	0	6	13	6	0	1	6	13	9	0	1	1	1	6	7	0	12	1
	15	108	1016.0	-	5.6	1.3	7.4	81	5.6	0	4	9	10	3	3	0	2	1	0	0	1	2	16	7	0	1	6	18	2	2	0	0	3	6	7	0	10	1
	21	108	1016.5	-	4.3	0.9	7.2	85	5.1	1	3	11	9	2	3	0	2	1	0	0	2	3	20	1	0	0	6	12	10	1	0	0	2	9	6	1	9	1
Fife Leuchars ... H	3	38	1015.6	-	3.0	0.8	6.6	85	4.7	7	4	1	7	8	2	0	0	0	3	0	2	7	6	9	2	0	3	8	15	3	1	2	4	3	1	10	5	0
	9	38	1016.2	+4.0	3.3	0.9	6.7	85	5.5	1	8	1	8	10	1	0	0	0	2	2	2	5	8	7	3	0	2	9	18	0	3	1	4	5	1	6	9	0
	15	38	1015.2	-	6.0	1.6	7.2	76	5.7	0	6	3	12	7	1	0	0	1	0	3	0	8	7	5	5	0	1	15	11	2	0	1	6	6	0	3	10	1
	21	38	1016.6	-	3.6	1.0	6.6	82	5.0	3	6	4	6	8	2	0	1	1	0	0	4	11	4	4	4	0	0	15	12	2	1	4	3	6	0	7	5	1
Midlothian Turnhouse H	3	144	1016.2	-	3.5	1.1	6.6	82	5.7	2	5	1	11	10	0	0	0	0	0	1	1	11	10	5	1	0	2	8	15	4	0	1	8	0	1	6	8	1
	9	144	1016.8	-	3.4	1.1	6.5	81	5.6	3	2	4	14	6	0	0	0	1	0	0	6	8	8	5	1	0	2	8	15	4	2	2	7	2	0	1	11	0
	15	144	1016.2	-	6.2	1.9	6.9	72	5.9	0	4	2	16	7	0	0	0	0	0	1	4	6	8	9	1	0	3	9	16	1	0	3	9	1	2	4	9	0
	21	144	1017.0	-	3.9	1.2	6.7	81	4.3	6	5	5	7	6	0	0	0	0	0	0	5	14	5	5	0	0	0	9	17	3	1	2	7	2	2	3	9	0
6a SCOTLAND, W.																																												
Argyll Tiree ... H	3	34	1014.0	-	5.7	1.2	7.6	81	5.9	2	3	3	9	12	0	0	0	0	0	0	0	11	6	8	4	2	10	12	5	0	1	2	3	10	3	3	7	0
	9	34	1014.8	+3.9	5.5	1.2	7.5	81	5.6	0	7	3	12	7	0	0	0	0	0	0	0	8	7	9	5	0	12	11	6	0	1	1	6	9	2	4	6	0
	15	34	1014.3	-	6.7	1.6	7.6	75	6.0	0	4	3	15	7	0	0	0	0	0	0	0	5	10	5	9	0	11	13	5	0	1	1	5	8	3	3	6	2
	21	34	1014.8	-	5.9	1.2	7.7	81	5.7	1	4	6	7	11	0	0	0	0	0	0	1	8	8	5	7	0	11	14	4	0	1	1	2	13	4	2	5	1
Rhuvaal ... H	3	63	-	-	5.5	1.2	7.6	82	5.4	0	6	7	4	12	0	0	0	0	0	0	0	1	5	15	8	5	8	11	5	0	1	0	4	9	3	5	6	1
	9	63	-	-	5.5	1.2	7.4	80	6.0	0	2	9	9	9	0	0	0	0	0	0	0	0	3	17	9	5	7	12	5	0	1	1	4	10	3	2	6	2
	15	63	-	-	6.6	1.7	7.5	76	6.1	0	2	5	17	5	0	0	0	0	0	0	0	0	3	18	8	2	10	14	3	0	1	1	3	11	2	1	9	1
	21	63	-	-	5.7	1.2	7.6	81	5.6	0	5	8	6	10	0	0	0	0	0	0	0	0	4	14	11	0	8	18	3	0	2	1	4	10	2	4	6	0
Renfrew Renfrew ... H	3	29	1015.9	-	4.0	0.9	7.1	85	5.9	4	2	1	8	14	0	0	0	0	0	1	2	8	11	7	0	0	1	8	15	5	0	3	7	2	1	2	8	1
	9	29	1016.6	+3.6	4.0	1.0	7.0	83	5.5	2	3	5	12	7	0	0	0	0	0	5	7	11	6	0	0	0	0	8	16	5	0	1	8	4	0	2	8	1
	15	29	1015.9	-	6.4	1.7	7.2	74	6.6	1	0	5	13	10	0	0	0	0	0	2	8	13	5	1	0	0	0	15	14	0	0	2	10	1	4	3	8	1
	21	29	1016.6	-	4.5	1.2	7.0	81	5.2	5	2	3	11	8	0	0	0	0	1	3	7	13	5	0	0	0	0	8	16	5	0	1	9	2	2	2	7	1
Lanark Lowther Hill H	3	-			-0.9	0.0	5.8	98	7.2	0	2	2	1	3	21	3	15	3	0	0	0	0	3	4	1	4	8	15	2	0	2	1	3	7	5	2	2	7
	9	-			-1.0	0.0	5.7	98	6.9	0	3	2	6	2	16	2	9	2	4	0	1	4	3	0	4	2	9	15	3	0	1	0	4	10	2	3	3	6
	15	-			0.1	0.2	6.0	96	7.1	0	2	1	6	5	15	3	9	3	1	0	0	6	2	4	1	3	7	18	1	0	0	1	4	7	5	1	4	7
	21	-			-0.8	0.0	5.8	97	7.0	0	1	5	0	4	19	5	12	2	0	0	0	3	1	3	3	2	12	14	1	0	1	0	4	7	4	4	1	8
Ayr Prestwick Airport H	3	69	1015.6	-	3.9	0.9	7.1	85	5.3	6	2	1	9	11	0	0	0	0	0	0	0	3	18	8	0	0	1	10	17	1	1	4	8	3	6	1	5	0
	9	69	1016.3	-	3.8	0.9	7.0	84	5.2	1	6	6	11	5	0	0	0	0	0	0	0	11	15	3	0	0	0	11	17	1	1	2	9	5	2	1	6	2
	15	69	1015.7	-	6.3	1.7	7.2	74	6.0	0	3	5	15	6	0	0	0	0	0	0	0	9	15	4	1	0	1	17	11	0	0	3	8	4	2	4	8	0
	21	69	1016.3	-	4.3	1.1	7.0	82	5.8	2	4	2	11	10	0	0	0	0	0	0	0	7	19	3	0	0	1	11	17	0	1	4	9	3	3	1	6	2
Dumfries Eskdalemuir Observatory H	3	778	1016.9	-	2.1	0.7	6.4	86	5.9	5	3	0	3	17	1	0	0	1	1	0	1	12	8	6	0	0	2	2	19	6	3	4	3	1	4	3	4	1
	9	778	1017.5	+4.1	1.8	0.8	6.2	85	5.8	3	3	2	9	12	0	0	1	0	0	1	0	7	11	9	0	0	0	4	19	6	4	5	1	2	5	0	5	1
	15	778	1016.6	-	4.6	1.4	6.7	77	6.7	1	1	2	14	11	0	0	0	0	0	0	0	8	8	12	1	0	0	9	19	1	1	3	3	6	4	3	7	1
	21	778	1017.6	-	2.2	0.8	6.3	86	5.7	4	3	3	4	15	0	0	0	0	0	0	0	13	13	3	0	0	0	3	18	8	1	4	2	1	6	1	4	2
Wigtown Mull of Galloway H	3	260	1015.7	-	4.8	0.9	7.5	86	5.8	3	4	1	8	12	1	0	1	0	0	0	0	9	9	8	2	2	12	8	6	1	1	0	3	4	7	4	7	2
	9	260	1016.3	-	4.5	0.8	7.4	87	6.1	1	3	3	10	12	0	0	0	0	0	0	1	7	9	10	2	0	10	14	5	0	1	1	3	6	7	2	6	3
	15	260	1015.7	-	5.7	1.2	7.5	80	6.3	0	3	3	16	6	1	0	0	1	0	0	1	5	11	10	1	0	13	11	5	0	0	2	3	2	10	3	5	4
	21	260	1016.1	-	5.0	0.9	7.5	85	5.4	3	1	8	6	10	1	0	1	0	0	0	2	10	7	8	1	2	11	9	7	0	0	2	3	4	9	2	6	3
6b ISLE OF MAN																																												
Isle of Man Ronaldsway H	3	68	1016.0	-	4.9	0.9	7.5	84	5.7	1	4	6	5	13	0	0	0	0	0	1	3	6	12	3	4	0	8	13	6	2	1	2	3	10	0	3	5	3
	9	68	1016.5	-	5.0	1.1	7.3	82	6.1	0	3	4	15	7	0	0	0	0	0	0	3	8	10	4	4	1	9	12	7	0	1	2	4	8	3	2	7	2
	15	68	1016.0	-	6.5	1.4	7.7	78	5.7	0	5	3	14	7	0	0	0	0	0	0	7	3	11	3	5	0	9	15	5	0	2	3	3	7	5	1	8	0
	21	68	1016.5	-	5.0	1.0	7.5	85	5.5	2	6	3	5	12	1	0	0	1	0	0	5	5	13	1	4	0	10	9	9	1	2	2	1	11	2	3	4	3
Point of Ayre H	3	30	1015.9	-	5.2	1.1	7.4	83	5.3	2	3	5	18	1	0	0	0	0	0	1	0	7	11	9	1	0	8	12	9	0	0	3	2	9	5	3	6	1
	9	30	1016.4	-	5.0	1.1	7.3	83	5.7	0	5	6	14	4	0	0	0	0	2	1	0	7	9	8	2	0	6	16	7	0	1	4	3	9	1	4	7	0
	15	30	1015.9	-	6.5	1.5	7.7	78	5.8	0	3	6	17	3	0	0	0	0	0	1	0	7	8	12	1	0	7	14	8	0	1	2	3	10	1	2	9	1
	21	30	1016.3	-	5.3	1.0	7.6	83	5.0	3	4	5	16	1	0	0	0	0	0	0	0	8	12	8	1	0	8	13	8	0	1	3	5	7	5	2	6	0
2 ENGLAND, N.E.																																												
Northumberland Acklington H	3	151	1016.6	-	3.0	0.8	6.7	87	5.0	5	3	6	1	13	1	0	1	0	1	1	4	4	3	10	5	0	2	9	16	2	0	2	2	3	4	6	9	1
	9	151	1017.0	-	3.3	0.9	6.7	86	5.5	0	6	7	6	9	1	0	1	1	0	3	4	6	5	7	2	0	3	8	15	3	0	4	1	3	5	1	11	1
	15	151	1016.5	-	5.7	1.4	7.3	78	6.4	0	4	1	14	9	1	0	1	1	2	1	3	5	5	8	3	0	4	13	11	1	2	2	1	11	1	1	9	1
	21	151	1017.4	-	3.7	0.9	6.9	85	5.2	6	3	1	6	10	3	0	3	0	0	2	4	4	7	7	2	0	3	9	14	3	0	1	3	6	3	3	9	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS February 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility, Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations, Force (0-12), Beaufort Force, Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																		8 or more	6, 7	4, 5	1 to 3										
2 ENGLAND, N.E. —cont.																																							
Tynemouth H	3	130	1016.8	-	4.0	0.9	7.0	84	4.6	8	2	2	11	6	0	0	0	0	0	1	6	3	15	4	0	0	5	15	6	3	0	0	4	2	8	2	9	1
	9	130	1017.3	+3.9	4.1	1.0	7.0	83	5.9	1	4	5	8	9	2	0	2	0	2	5	2	8	9	1	0	0	5	15	9	0	0	3	1	2	7	3	12	1
	15	130	1016.9	-	5.7	1.4	7.3	79	6.5	0	1	5	14	7	2	1	1	0	2	1	3	12	8	1	0	0	3	19	7	0	0	0	4	6	4	1	10	2
	21	130	1017.5	-	4.8	1.1	7.2	82	5.4	4	3	2	12	5	3	1	1	0	0	5	1	7	12	2	0	0	5	16	7	1	0	0	4	4	7	3	9	1
Durham — Middleton St. George H	3	118	1017.0	-	3.2	0.9	6.7	84	4.7	7	3	2	7	9	1	0	1	0	1	3	5	5	11	2	1	0	2	7	14	6	0	5	0	2	6	2	7	1
	9	118	1017.4	-	3.6	1.1	6.7	82	5.7	2	4	2	11	9	1	0	1	0	1	4	7	8	3	3	2	0	1	9	14	5	0	5	0	3	6	3	6	1
	15	118	1017.0	-	6.6	1.9	7.1	72	6.1	0	3	5	11	10	0	0	0	0	0	1	6	9	7	1	3	0	0	14	13	2	2	4	1	7	3	2	5	3
	21	118	1017.7	-	4.0	1.1	6.8	82	5.7	2	4	3	8	11	1	0	0	0	3	1	6	8	8	3	0	0	1	7	17	4	0	3	0	7	3	2	9	1
Yorks., N.Riding — Dishforth ... H	3	131	1017.1	-	2.7	0.6	6.8	89	4.9	7	4	0	5	11	2	0	2	0	2	5	3	4	5	6	2	0	2	4	19	4	3	4	2	5	3	2	3	3
	9	131	1017.6	-	3.0	0.6	6.9	89	6.0	1	5	3	7	9	4	0	4	1	1	2	1	9	4	4	3	0	0	10	16	3	3	4	4	4	2	0	7	2
	15	131	1017.0	-	6.4	1.4	7.7	78	6.5	0	3	2	13	10	1	0	1	0	1	4	0	8	5	5	5	0	1	14	13	1	3	1	7	3	4	2	4	4
	21	131	1017.8	-	3.9	0.8	7.2	87	6.2	2	4	1	5	16	1	0	1	0	1	3	7	4	7	5	1	0	1	9	17	2	3	4	6	2	2	2	5	3
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1017.0	-	3.9	0.9	7.0	85	5.9	3	3	1	8	13	1	0	1	0	0	2	2	12	10	2	0	1	4	15	9	0	0	2	2	5	9	3	7	1
	15	210	1016.8	-	5.9	1.4	7.4	79	6.3	0	3	6	4	13	3	1	1	0	0	2	2	8	12	3	0	0	4	15	10	0	0	1	6	6	4	1	7	4
	21	210	1017.3	-	4.5	1.0	7.2	84	5.5	1	7	4	2	13	2	0	0	0	2	0	2	19	6	0	0	1	2	16	9	1	0	3	2	6	7	1	9	0
Yorks., E. Riding — Leconfield H	3	28	1017.4	-	3.1	0.8	6.9	88	5.5	5	3	1	6	13	1	0	1	0	1	3	4	9	7	3	1	0	2	7	16	4	0	4	0	4	3	3	8	3
	9	28	1017.8	-	3.7	0.8	7.1	87	6.3	1	3	2	11	9	3	0	3	0	3	1	4	11	6	1	0	0	1	11	14	3	0	4	2	6	2	1	10	1
	15	28	1017.3	-	6.4	1.7	7.3	75	6.2	1	4	3	7	13	1	0	0	1	1	2	2	11	8	4	0	0	1	16	11	1	1	2	4	8	2	1	6	4
	21	28	1018.1	-	3.8	0.7	7.2	88	6.0	3	3	2	6	14	1	0	1	0	1	3	5	12	5	2	0	0	0	8	19	2	0	4	2	5	4	1	8	3
Spurn Head H	3	54	1017.0	-	3.9	0.7	7.1	87	5.8	3	3	4	5	13	1	0	2	0	1	0	5	20	1	0	0	0	7	11	11	0	0	2	3	7	5	3	4	5
	9	54	1017.2	+2.9	3.8	0.7	7.2	87	5.6	2	3	5	7	9	3	2	1	0	1	4	7	13	1	0	0	0	6	12	11	0	1	1	4	5	7	1	9	1
	15	54	1017.0	-	5.3	1.1	7.5	84	6.3	2	0	5	9	10	3	1	3	0	0	3	4	14	4	0	0	0	4	14	10	1	1	2	4	7	3	0	9	2
	21	54	1017.5	-	4.2	0.8	7.3	87	5.7	3	3	2	10	10	1	1	0	0	1	3	5	18	1	0	0	0	5	12	10	2	0	2	3	7	4	1	10	0
Lincoln — Waddington H	3	227	1017.6	-	2.9	0.6	7.0	90	5.3	5	4	1	6	11	2	0	1	3	1	2	6	9	4	2	1	0	0	10	18	1	1	5	2	6	2	3	6	3
	9	227	1018.0	-	3.2	0.2	7.1	90	5.9	5	2	0	6	11	5	0	4	1	1	2	7	7	4	3	0	0	0	14	15	0	1	3	3	9	2	2	8	1
	15	227	1017.3	-	6.1	1.5	7.5	78	5.9	3	2	4	9	11	0	0	0	0	2	0	9	8	6	4	0	0	0	19	9	1	3	0	8	4	4	0	4	5
	21	227	1018.2	-	3.6	0.7	7.1	87	5.4	5	2	4	4	12	2	0	1	1	0	4	11	3	9	0	0	0	0	12	17	0	1	2	7	3	3	2	6	5
Binbrook ... H	3	356	1017.3	-	2.9	0.6	6.7	89	5.6	3	3	6	2	14	1	0	1	2	0	4	6	8	4	3	1	0	3	13	12	1	0	3	3	5	5	2	7	3
	9	356	1017.7	-	3.1	0.6	6.9	89	6.2	3	1	2	8	13	2	0	4	1	1	0	9	9	5	0	0	0	3	16	10	0	0	3	3	6	5	2	7	3
	15	356	1017.1	-	5.6	1.5	7.2	78	6.4	2	2	0	12	12	1	0	1	1	0	1	3	11	10	2	0	0	3	18	8	0	2	1	6	5	4	0	8	3
	21	356	1018.0	-	3.5	0.7	7.0	87	5.8	5	1	3	5	13	2	0	1	1	0	1	7	12	6	1	0	0	0	18	11	0	0	2	5	6	4	2	7	3
Manby ... H	3	47	1017.3	-	3.4	0.6	7.2	91	5.5	3	4	4	3	13	2	0	2	1	0	2	4	15	4	1	0	0	0	10	17	2	2	4	1	6	2	3	3	6
	9	47	1017.8	-	3.6	0.6	7.3	89	5.9	3	2	3	10	6	5	0	3	0	1	4	3	12	4	2	0	0	0	11	16	2	1	2	3	5	4	4	0	8
	15	47	1017.2	-	6.3	1.4	7.6	78	6.0	2	3	3	7	12	2	0	0	0	2	2	2	12	10	1	0	0	1	14	14	0	2	0	8	5	3	1	3	7
	21	47	1018.0	-	3.9	0.7	7.3	88	6.0	4	1	3	5	15	1	0	0	0	2	1	4	12	10	0	0	0	1	14	12	2	0	3	3	4	4	3	4	6
3 ENGLAND, E.																																							
Marham H	3	89	1017.7	-	3.1	0.6	7.0	89	5.7	5	2	1	5	14	2	0	1	1	3	2	8	11	3	0	0	0	1	6	21	1	2	3	4	5	4	2	5	3
	9	89	1018.1	-	3.6	0.7	7.2	88	5.7	2	4	3	8	11	1	0	1	0	0	6	7	10	4	1	0	0	0	10	19	0	1	3	6	4	4	2	4	5
	15	89	1017.5	-	6.6	1.6	7.6	76	6.2	3	2	1	10	13	0	0	0	0	0	0	5	18	6	0	0	0	0	16	10	1	3	3	3	6	3	3	3	4
	21	89	1018.2	-	3.9	0.9	7.0	85	4.8	9	2	2	3	12	1	0	1	0	2	0	7	14	5	0	0	0	0	9	18	2	1	4	5	4	2	1	6	4
West Raynham H	3	263	1017.4	-	2.7	0.4	7.1	93	5.8	4	3	1	4	15	2	0	1	1	2	5	8	5	4	3	0	0	1	10	17	1	0	4	4	5	3	3	6	3
	9	263	1017.8	-	3.2	0.4	7.3	92	5.8	4	3	1	9	10	2	0	2	0	1	4	8	9	3	2	0	0	0	16	13	0	0	5	4	6	2	2	8	2
	15	263	1017.0	-	5.6	1.1	7.9	83	6.1	3	2	1	11	12	0	0	0	0	1	1	4	11	11	1	0	0	1	18	9	1	2	2	4	5	4	2	5	4
	21	263	1017.9	-	3.3	0.5	7.2	91	5.0	7	3	1	5	11	2	0	1	1	0	4	8	9	6	0	0	0	1	15	12	1	1	4	3	5	3	3	6	3
Coltishall ... H	3	57	1017.2	-	3.5	0.6	7.2	90	5.7	4	3	2	6	11	3	0	1	1	1	4	8	7	7	0	0	0	0	7	20	2	0	6	4	2	2	4	8	1
	9	57	1017.6	-	4.0	0.6	7.5	90	5.8	5	2	2	4	14	2	0	0	1	3	3	10	8	3	1	0	0	0	10	19	0	1	6	4	3	3	3	6	3
	15	57	1017.1	-	6.4	1.3	8.0	82	6.3	2	2	2	9	14	0	0	0	0	1	0	8	9	11	0	0	0	0	18	11	0	1	2	7	5	2	2	5	5
	21	57	1017.8	-	3.9	0.7	7.3	89	5.3	7	1	3	2	13	3	0	1	2	1	2	8	10	5	0	0	0	0	8	18	3	0	5	7	0	3	2	6	3
Gorleston H	3	26	1017.7	-	3.8	0.6	7.2	89	5.5	6	2	1	7	12	1	0	0	0	1	1	5	16	6	0	0	0	3	14	12	0	0	4	3	4	5	5	6	2
	9	26	1018.1	+2.1	3.9	0.7	7.3	89	5.7	4	2	4	9	8	2	0	1	0	1	2	5	15	5	0	0	0	2	18	9	0	0	3	6	4	4	3	7	2
	15	26	1017.7	-	5.3	1.2	7.4	82	5.9	2	4	2	8	12	1	0	0	0	2	2	3	15	7	0	0	0	2	22	5	0	1	2	4	4	6	2	4	6
	21	26	1018.1	-	4.3	0.8	7.2	86	5.4	8	1	1	2	14	3	0	2	1	0	1	5	14	6	0	0	0	1	16	12	0	1	5	3	4	5	2	7	2
Mildenhall H	3	39	1017.4	-	3.1	0.6	7.0	90	5.9	4	3	1	3	16	2	0	1	1	3	2	5	11	5	1	0	0	0	4	25	0	1	3	6	4	3	6	4	2
	9	39	1017.9	-	3.6	0.7	7.3	87	6.0	4	2	1	9	13	0	0	0	0	1	5	8	8	4	3	0	0	0	7	22	0	2	1	10	2	3	7	3	1
	15	39	1017.2	-	6.7	1.5	7.9	78	6.2	4	0	4	6	15	0	0	0	0	0	0	8	11	8	2	0	0	0	8	21	0	1	0	8	7	1	2	6	4
	21	39	1018.0	-	3.8	0.7	7.2	88	4.4	12	1	2	1	13	0	0	1	0	1	4	3	14	6	0	0	0	0	5	22	2	1	5	4	3	4	1	7	2
Wattisham H	3	299	1017.6	-	2.7	0.4	7.1	93	6.0	5	0	1	9	10	4	0	2	3	1	2	10	8	3	0	0	0	0	9	20	0	2	5	5	3	3	2	3	6
	9	299	1018.0	-	3.1	0.4	7.3	92	6.2	2	4	0	8	10	5	0	1	1	3	3	10	6	3	2	0	0	0	12	17	0	1	5	5	3	3	2	4	6
	15	299	1017.4	-	5.4	1.0	7.7	85	6.2	3	3	0	7	16	0	0	0	1	1	1	8	11	6	1	0	0	0	18	11	0	2	4	3	3	6	2	5	4
	21	299	1018.2	-	3.4	0.5	7.3	91	5.7	6	1	3	2	14	3	0	3	0	1	3	8	9	5	0	0	0	0	9	20	0	1	6	3	3	5	1	5	5
Aldeburgh H	3	35	1018.0	-	3.7	0.6	7.1	88	6.2	4	2	1	1	20	1	0	0	0	2	1	1	16	9	0	0	0	1	8	20	0	3	4	2	3	4	4	5	4
	9	35	1018.9	-	3.7	0.6	7.2	90	6.1	4	1	3	4	14	3	0	1	2	0	2	1	17	6	0	0	0	2	10	17	0	1	5	4	4	3	2	5	5
	15	35	1018.0	-	5.4	1.1	7.5	83	6.2	3	2	4	0	17	3	0	2	1	0	1	2	14	9	0	0	0	1	13	15	0	2	4	2	4	5	2	2	8
	21	35	1018.0	-	4.2	0.7	7.3	88	5.8	6	1	2	1	16	3	0	1	1	1	0	3	17	6	0	0	0	1	7	21	0	1	4	2	3	8	0	6	5
Wyton ... H	3	141	1017.6	-	3.2	0.7	7.0	88	5.4	5	4	2	0	16	2	2	1	0	4	0	7	9	5	1	0	0	0	8	19	2	2	4	4	2	4	3	6	2
	9	141	1017.9	-	3.4	0.6	7.1	89	6.1	4	1	1	10	13	0	0	0	2	5	2	11	5	1	3	0	0	0	12	16	1	2	2	6	3	2	5	5	3
	15	141	1017.2	-	6.6	1.7	7.5	75	6.2	3	1	2	13	10	0	0	0	0	1	1	10	8	6	3	0	0	0	18	10	1	3	3	5	3	3	1	7	3
	21	141	1018.2	-	3.9	0.8	7.2	86	5.0	8	2	1	4	14	0	0	1	1	0	2	6	15	3	1	0	0	0	9	19	1	1	2	6	3	4	3	6	3
Cardington H	3	96	1017.6	-	3.0	0.5	7.1	92	5.9	6	2	0	1	18	2	0	3	0	1	5	4	9	7	0	0	0	1	9	18	1	2	3	6	2	3	7	4	1
	9	96	1018.0	-	3.5	0.6	7.3	90	6.1	2	3	2	6	15	1	0	1	0	3	5	5	9	5	1	0	0	0	8	19	2	2	3	5	3	2	6	5	1
	15	96	1017.3	-	6.8	1.6	7.7	77	5.9	2	3	2	13	9	0	0	0	0	0	2	1	18	8	0	0	0	0	11	17	1	4	3	6	3	3	2	6	1
	21	96	1018.3	-	3.5	0.6	7.1	89	5.2	6	3	1	7	12	0	0	1	0	0	4	4	13	7	0	0	0	0	8	21	0	1	4	6	1	4	7	5	1
Bovingdon H	3	517	1017.8	-	2.8	0.7	6.8	87	6.6	4	0	1	4	18	2	0	4	1	2	2	6	7	6	1	0	0	0	10	17	2	5	2	4	3	4	1	4	4
	9	517	1018.1	-	3.0	0.6	7.0	89	6.3	3	2	1	8	15	0	0	1	4	3	6	4	5	4	2	0	0	0	10	19	0	5	2	4	5	4	0	4	5
	15	517	1017.4	-	5.8	1.6	7.3	78	6.1	3	2	2	9	13	0	0	0	1	0	2	9	8	8	1	0	0	0	14	13	2	6	1	4	4	4	1	5	2
	21	517	1018.5	-	3.1	0.8	6.8	86	5.6	6	1	2	6	13	1	0	1	1	3	3	4	11	6	0	0	0	0	6	20	3	5	2	4	4	3	0	3	5
Stansted H	3	334	1017.6	-	2.9	0.5	7.1	91	6.4	5	0	0	4	15	5	0	5	1	0	2	7	8	5	1	0	0	0	6	22	1	1	3	3	5	2	4	3	7
	9	334	1018.0	-	3.1	0.5	7.2	92	6.6	1	2	2	10	10	4	0	1	2	4	3	8	6	2	3	0	0	0	10	15	0	4	3	7	3	2	1	8	1
	15	334	1017.4	-	5.8	1.3	7.6	81	6.1	1	3	4	7	14	0	0	0	0	1	0	10	9	6	2	1	0	0	14	14	1	4	2	7	2	3	1	7	2
	21	334	1018.3	-	3.6	0.6	7.2	89	5.3	8	1	0	5	12	3	0	2	2	1	3	4	11	6	0	0	0	0	4	23	2	2	3	5	4	3	1	5	4
Shoeburyness H	9	17	1018.3	+1.9	4.0	0.7	7.4	88	6.4	3	1	1	6	17	1	0	1	1	3	3	8	11	2	0	0	0	1	10	18	0	3	3	4	4	2	3	8	2
	15	17	1017.8	-	6.2	1.4	7.6	80	5.9	3	3	4	3	15	1	0	1	1	0	2	1	9	10	3	3	0	0	13	15	1	3	3	7	2	2	2	5	4
	21	17	1018.6	-	4.5	0.8	7.4	87	5.3	7	1	3	4	13	1	0	1	1	0	4	6	13	4	0	0	0	0	7	20	2	0	4	6	1	3	2	5	6
Walton-on-Naze ... H	3	21	1017.8	-	3.6	0.6	7.2	90	5.9	4	3	2	2	17	1	0	2	0	0	2	6	17	2	0	0	0	1	7	20	1	1	1	5	4	2	2	5	8
	9	21	1018.2	-	3.7	0.5	7.3	91	6.1	5	0	1	8	14	1	0	1	1	4	1	4	16	2	0	0	0	1	11	17	0	2	0	7	4	3	1	4	8
	15	21	1017.7	-	5.4	1.0	7.7	85	5.7	3	4	3	4	14	1	0	1	1	1	2	8	16	0	0	0	0	1	11	17	0	4	2	3	6	5	1	2	6
	21	21	1018.2	-	4.0	0.6	7.3	89	5.7	4	5	0	2	16	2	0	2	1	1	0	6	15	4	0	0	0	2	8	19	0	3	3	4	3	4	2	4	6
4 MIDLAND COUNTIES																																							
Huddersfield Oakes H	3	769	1016.8	-	2.0	0.8	6.2	85	6.0	1	2	9	0	17	0	0	1	1	2	4	10	10	1	0	0	1	1	6	21	0	1	5	3	6	3	2	6	3
	9	769	1017.2	-	2.5	0.7	6.6	87	6.1	3	0	6	4	15	1	1	1	1	1	3	11	9	1	1	0	0	2	9	15	3	2	4	4	4	2	1	8	1
	15	769	1016.7	-	4.7	1.3	6.8	79	6.1	1	2	5	9	10	2	2	1	1	0	1	7	13	1	3	0	0	3	7	16	3	4	2	3	4	4	1	6	2
	21	769	1017.4	-	3.0	0.6	6.8	89	6.1	3	2	2	5	17	0	0	1	0	0	3	9	13	1	2	0	0	0	8	17	4	2	2	5	3	4	0	7	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS February 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Speed in knots: 8 or more	6, 7	4, 5	1 to 3	Calm	Direction: 34 or more	22 to 33	11 to 21	1 to 10	0	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
4 MIDLAND COUNTIES —cont.																																												
Nottingham Watnall ... H	3	390	1017.3	-	2.9	0.5	7.0	91	6.9	3	0	0	5	19	2	2	2	0	2	5	4	9	5	0	0	0	0	6	19	4	1	2	8	0	2	2	4	6
	9	390	1017.8	-	3.1	0.5	7.1	90	6.2	4	1	1	7	15	1	0	3	1	3	9	5	7	1	0	0	0	0	9	17	3	1	4	3	4	2	1	8	3
	15	390	1017.0	-	5.9	1.3	7.5	79	6.1	2	3	2	11	11	0	0	0	1	1	2	8	11	6	0	0	0	0	11	18	0	2	1	6	5	2	2	5	6
	21	390	1017.9	-	3.6	0.7	7.2	88	5.1	5	3	6	1	13	1	0	1	0	5	8	1	13	1	0	0	0	0	9	17	3	1	1	7	4	2	1	5	5
Northampton Wittering H	3	46	1017.3	-	3.5	0.7	7.1	87	6.0	5	0	2	9	11	2	0	1	0	2	2	8	11	3	2	0	0	1	8	18	2	1	2	3	3	5	2	6	5
	9	46	1017.8	-	3.8	0.8	7.1	86	5.9	5	1	3	4	13	3	0	1	1	3	3	6	9	5	1	0	0	2	12	13	2	2	2	6	3	3	1	8	2
	15	46	1016.8	-	6.9	1.8	7.5	75	6.0	2	3	4	7	13	0	0	0	0	1	4	3	9	12	0	0	0	2	20	5	2	3	1	4	8	1	1	5	4
	21	46	1017.9	-	4.1	0.9	7.1	85	5.6	6	1	2	5	15	0	0	1	0	0	5	10	12	1	0	0	0	0	14	14	1	0	2	7	5	2	2	3	7
Warwick Edgbaston H	3	219	1017.6	-	2.9	0.6	7.0	90	5.9	2	4	4	3	12	4	0	4	0	2	3	3	10	5	2	0	0	0	13	15	1	2	3	4	5	2	3	8	1
	9	219	1018.0	-	3.2	0.5	7.2	90	6.0	3	2	2	7	11	4	0	4	0	2	6	5	6	2	3	1	0	1	12	14	2	1	4	3	5	2	3	6	3
	15	219	1017.3	-	6.3	1.5	7.6	77	6.1	2	4	0	11	12	0	0	0	0	0	2	6	8	7	4	2	0	1	14	13	1	3	3	4	4	2	0	10	2
	21	219	1016.2	-	3.4	0.7	7.0	88	4.9	7	4	2	2	13	1	0	2	0	0	4	6	9	5	3	0	0	0	8	19	2	2	3	5	3	0	2	8	2
	9	542	1017.9	-	3.4	0.5	7.2	90	6.7	1	2	2	9	12	3	1	1	0	3	8	6	6	3	1	0	0	1	3	25	0	2	4	4	4	4	3	3	5
	15	542	1017.1	-	5.9	1.6	7.3	77	6.2	0	3	6	8	12	0	0	0	0	2	2	4	13	7	1	0	0	0	4	24	1	2	2	5	5	5	0	6	3
	21	542	1018.1	-	4.1	0.8	7.2	86	5.5	3	5	2	6	13	0	0	0	0	2	5	7	10	4	1	0	0	0	6	23	0	3	2	5	3	8	1	3	4
	3	362	1017.3	-	3.1	0.5	7.2	91	6.2	4	1	1	9	13	1	0	0	1	0	6	3	9	9	1	0	0	0	4	22	3	2	2	3	6	4	1	4	4
Shropshire Shawbury H	9	362	1017.6	-	3.4	0.6	7.1	89	6.8	1	1	0	15	10	2	0	1	1	3	2	13	7	2	0	0	0	0	10	16	3	1	3	4	6	2	3	2	5
	15	362	1016.9	-	6.3	1.8	7.1	73	6.1	0	3	4	17	5	0	0	0	0	0	2	8	14	5	0	0	0	0	13	16	0	2	3	4	6	3	1	6	4
	21	362	1017.8	-	3.8	0.9	7.0	86	5.4	5	2	2	9	11	0	0	0	1	0	3	12	12	1	0	0	0	0	10	16	3	1	3	4	5	4	2	4	3
Worcester Pershore ... H	3	249	1017.2	-	3.4	0.7	7.1	87	6.6	3	0	1	10	15	0	0	0	0	0	3	8	9	6	3	0	0	0	9	20	0	2	3	6	4	2	2	9	1
	9	249	1017.5	-	3.6	0.6	7.2	89	6.5	1	2	3	10	13	0	0	0	0	2	2	7	5	10	3	0	0	1	4	23	1	2	3	4	6	2	4	7	0
	15	249	1016.8	-	6.4	1.7	7.4	75	6.2	2	1	3	17	6	0	0	0	0	0	3	6	5	10	2	3	0	0	15	14	0	2	1	7	5	3	0	7	4
	21	249	1017.8	-	3.7	0.9	6.9	86	5.7	3	3	3	7	13	0	0	0	0	0	2	8	11	4	3	1	0	0	8	18	3	3	1	8	3	3	2	4	2
Hereford Ross-on-Wye H	3	117	1017.4	-	3.5	-0.7	7.1	89	6.1	4	1	2	10	12	0	0	0	1	0	3	6	10	4	4	1	0	2	6	16	5	2	4	5	4	2	4	3	0
	9	117	1017.8	-	3.7	0.7	7.3	89	6.2	2	3	2	8	13	1	0	1	0	0	5	7	5	9	2	0	0	0	10	12	7	1	2	4	5	3	5	1	1
	15	117	1017.0	-	7.1	2.0	7.4	73	6.1	1	3	3	16	6	0	0	0	0	0	1	6	8	9	3	2	0	1	15	11	2	5	1	5	4	2	5	4	1
	21	117	1018.0	-	4.0	0.7	7.2	87	5.8	4	2	3	5	14	1	0	1	0	0	2	8	7	9	2	0	0	0	12	13	4	3	1	6	4	4	2	4	1
Gloucester Filton ... H	9	226	1017.4	+1.6	3.9	0.8	7.2	86	6.9	2	1	0	8	18	0	0	0	0	1	1	6	13	2	6	0	0	0	4	21	4	2	3	7	2	1	6	4	0
	15	226	1016.6	-	6.6	1.8	7.3	74	6.4	1	1	5	7	15	0	0	0	0	0	0	2	2	11	4	9	1	0	0	7	21	1	4	2	7	2	2	5	6	0
	21	226	1017.6	-	4.4	1.0	7.2	84	5.9	5	2	2	2	17	1	0	1	0	0	3	3	14	3	5	0	0	0	2	23	4	1	2	5	4	4	4	4	1
	3	197	1017.2	-	3.5	0.6	7.3	89	6.0	4	2	1	6	15	1	1	0	0	1	1	4	16	4	0	0	0	0	7	16	4	3	2	5	4	3	1	7	0
	9	197	1017.5	-	3.9	0.6	7.5	90	6.6	2	1	3	6	17	0	0	0	1	2	2	10	11	3	0	0	0	0	6	17	6	4	2	7	2	3	3	2	0
	15	197	1016.7	-	6.8	1.6	7.9	77	6.4	1	2	4	11	11	0	0	0	0	1	1	6	15	6	0	0	0	0	9	17	3	5	2	5	1	4	4	5	0
	21	197	1017.6	-	4.4	0.9	7.4	86	5.0	7	3	2	5	12	0	0	0	0	0	1	9	18	1	0	0	0	0	5	21	3	3	4	6	1	5	2	4	1
Gloucester Little Rissington H	3	79	1017.6	-	4.1	0.9	7.2	84	6.3	3	1	3	7	15	0	0	0	0	0	3	7	14	4	1	0	0	0	9	14	6	3	2	3	5	5	4	1	0
	9	79	1018.0	-	4.5	0.9	7.4	85	6.7	1	1	1	14	10	2	0	0	0	4	1	10	8	4	2	0	0	1	8	13	7	3	2	5	5	1	5	1	0
	15	79	1017.2	-	7.4	2.1	7.5	72	6.4	1	2	3	12	11	0	0	0	0	0	2	8	5	7	5	2	0	0	7	21	1	5	2	4	5	3	4	2	3
	21	79	1018.2	-	4.8	1.1	7.4	83	5.3	5	3	3	6	11	1	0	0	0	4	5	9	5	5	1	0	0	0	5	19	5	4	3	4	5	2	6	0	0
Middlesex London (Heathrow) Airport H	3	751	1017.6	-	2.7	0.4	7.1	92	6.5	4	1	1	3	15	5	0	4	1	1	3	5	9	4	2	0	0	3	14	12	0	5	1	6	4	3	0	7	3
	9	751	1018.0	-	2.9	0.5	7.1	91	6.5	1	3	2	5	12	6	0	5	1	1	2	8	6	5	1	0	0	1	15	13	0	2	4	6	3	3	3	4	4
	15	751	1017.2	-	5.2	1.2	7.3	81	6.0	2	3	2	12	8	2	0	0	2	1	0	4	11	8	3	0	0	4	15	9	1	5	3	2	5	4	3	4	2
	21	751	1018.2	-	3.1	0.5	7.0	89	5.8	5	2	0	8	17	2	0	2	0	0	0	8	10	5	4	0	0	1	14	14	0	4	3	7	2	4	2	6	1
5 ENGLAND, S.E.																																												
Surrey Kew Observatory H	3	86	1017.6	-	3.7	0.6	7.4	90	6.3	4	1	1	6	16	1	0	0	0	2	3	8	9	5	1	1	0	0	4	21	4	2	3	4	5	1	3	5	2
	9	86	1018.0	-	3.8	0.7	7.3	88	6.2	3	3	0	8	13	2	0	1	0	3	5	8	7	3	2	0	0	6	23	0	4	3	5	4	1	3	8	1
	15	86	1017.2	-	7.0	1.7	7.8	76	5.9	2	4	3	6	14	0	0	0	0	1	2	7	11	5	3	0	0	0	15	12	2	4	4	4	1	4	3	6	1
	21	86	1018.2	-	4.4	0.8	7.4	86	4.9	9	1	1	6	12	0	0	0	0	2	3	10	8	5	1	0	0	0	4	23	2	3	5	4	2	3	1	7	2
Kent Gatwick H	9	34	1018.2	+1.8	4.5	1.0	7.3	83	6.2	2	3	1	8	14	1	0	1	0	2	3	8	7	6	2	0	0	0	8	20	1	2	3	6	3	2	5	5	2
	15	34	1017.4	-	7.1	2.0	7.4	71	6.0	0	4	5	7	13	0	0	0	0	1	1	7	10	4	6	0	0	0	12	16	1	5	3	3	3	4	3	5	2
	21	34	1018.3	-	4.9	1.2	7.2	81	5.4	6	1	3	7	12	0	0	1	1	0	2	6	12	5	2	0	0	0	5	21	3	3	5	4	2	3	4	3	2
	3	195	1017.7	-	3.1	0.4	7.3	92	6.2	4	3	0	1	19	2	0	1	2	3	0	3	11	8	1	0	0	0	5	21	3	1	5	3	4	3	2	4	4
	9	195	1018.0	-	3.4	0.5	7.4	92	6.2	2	4	0	6	16	1	0	1	1	3	1	8	7	6	2	0	0	0	5	23	1	4	4	5	1	4	2	4	4
	15	195	1017.4	-	6.6	1.5	7.8	78	6.0	1	5	2	7	14	0	0	0	1	0	2	3	13	7	3	0	0	0	14	14	1	5	2	6	1	4	2	4	4
	21	195	1018.3	-	3.4	0.5	7.2	90	5.1	9	1	0	4	15	0	0	1	0	1	3	7	12	4	1	0	0	0	2	22	5	2	6	5	0	1	5	1	4
Kent Deal ... H	3	34	1018.0	-	4.1	0.5	7.6	91	5.9	4	1	5	4	14	1	0	0	2	1	1	6	8	10	1	0	0	0	10	18	1	0	2	3	4	5	2	9	3
	9	34	1018.2	-	4.1	0.6	7.5	89	5.9	4	2	1	4	17	1	0	1	0	3	4	11	4	5	1	0	0	2	10	17	0	1	3	5	3	4	2	7	4
	15	34	1017.9	-	6.4	1.1	8.2	84	5.9	2	3	5	4	14	1	0	0	1	1	3	10	8	6	0	0	0	1	13	15	0	2	3	3	3	5	1	6	6
	21	34	1018.4	-	4.9	0.7	7.8	89	5.3	7	2	1	5	13	1	0	0	1	2	4	3	11	8	0	0	0	2	9	16	2	2	3	4	1	5	1	8	3
Sussex Manston ... H	3	148	1017.8	-	3.7	0.5	7.3	90	6.0	5	1	1	6	14	2	0	1	1	0	3	8	8	5	3	0	0	0	12	17	0	3	3	4	4	3	4	4	4
	9	148	1018.2	-	4.1	0.6	7.6	90	6.1	3	3	1	7	12	3	0	2	1	2	5	5	8	4	1	1	0	1	14	14	0	3	3	5	4	3	2	5	4
	15	148	1017.6	-	6.1	1.2	8.0	83	5.6	4	3	3	6	11	2	0	1	1	2	2	5	11	6	1	0	0	0	19	10	0	2	3	6	1	5	2	6	4
	21	148	1018.4	-	4.2	0.6	7.5	89	5.7	5	2	3	4	13	2	0	2	1	1	3	5	9	8	0	0	0	0	11	17	1	2	4	5	1	5	2	6	3
Sussex Thorney Island H	3	35	1017.8	-	4.0	0.5	7.6	91	5.8	6	2	0	3	17	1	0	0	1	0	1	11	7	6	3	0	0	0	5	23	1	5	1	7	2	4	1	7	1
	9	35	1018.1	-	4.1	0.5	7.7	91	6.2	2	3	1	8	13	2	0	0	3	1	3	6	13	2	1	0	0	0	5	24	0	6	4	5	3	3	2	3	3
	15	35	1017.5	-	6.9	1.4	8.1	80	6.1	0	5	2	11	10	1	0	0	0	1	0	4	13	9	2	0	0	0	11	18	0	5	5	2	5	6	1	4	1
	21	35	1018.4	-	4.3	0.6	7.6	89	5.3	7	1	2	8	11	0	0	1	0	1	3	9	8	5	2	0	0	0	4	22	3	5	3	7	0	2	3	4	2
Sussex East Hoathly H	9	133	1018.1	-	3.4	0.4	7.5	93	6.6	2	2	1	6	17	1	0	0	1	3	10	4	7	2	2	0	0	0	4	23	2	3	1	6	2	3	1	4	7
	15	133	1017.6	-	6.5	1.4	7.9	81	6.1	1	5	2	5	16	0	0	0	0	2	6	5	12	3	1	0	0	0	9	19	1	5	3	6	1	2	4	6	1
	21	133	1018.8	-	3.6	0.5	7.4	90	4.8	8	1	4	1	13	2	0	1	1	0	5	6	11	1	3	1	0	0	3	20	6	2	2	8	1	3	1	5	1
Sussex Eastbourne Coastguard H	9	24	1018.0	-	4.4	0.8	7.3	87	6.5	2	2	2	7	15	1	0	1	0	1	1	2	17	7	0	0	0	1	8	17	3	9	0	7	0	4	0	4	2
	15	24	1017.5	-	6.4	1.3	7.9	81	5.9	3	1	7	4	14	0	0	0	0	1	2	0	3	19	4	0	0	0	2	6	17	4	6	1	7	0	3	2	4
	21	24	1018.3	-	5.2	0.9	7.7	85	5.1	7	0	4	8	10	0	0	0	0	1	2	3	19	4	0	0	0	2	10	13	4	6	1	7	0	2	0	7	2
Berkshire Abingdon H	3	234	1017.6	-	3.2	0.6	7.1	89	6.3	4	1	2	1	18	3	0	1	1	2	2	8	9	5	1	0	0	0	9	15	5	2	2	6	4	1	3	2	4
	9	234	1018.0	-	3.4	0.6	7.3	90	6.4	1	3	2	7	15	1	0	2	0	5	2	7	5	7	1	0	0	0	9	16	4	2	3	8	2	2	2	3	3
	15	234	1017.1	-	6.9	1.7	7.7	75	6.2	2	2	3	11	11	0	0	0	0	1	1	6	11	8	1	1	0	0	15	14	0	3	2	6	5	3	0	6	4
	21	234	1018.2	-	3.7	0.6	7.2	88	5.0	6	2	4	5	12	0	0	0	0	1	2	11	11	3	1	0	0	0	5	18	6	2	2	6	3	2	1	4	3
Hampshire Hurn ... H	3	46	1017.6	-	3.8	0.6	7.5	90	5.8	6	1	1	5	16	0	0	0	1	1	1	4	13	7	2	0	0	0	7	17	5	3	3	4	3	4	2	3	2
	9	46	1017.9	-	4.0	0.6	7.6	90	6.4	1	4	2	5	15	2	0	0	3	1	0	10	7	5	3	0	0	0	7	20	2	5	4	4	4	1	3	3	3
	15	46	1017.3	-	7.1	1.7	7.8	75	6.0	0	6	1	13	9	0	0	0	0	0	1	5	12	7	4	0	0	0	11	18	0	6	4	2	4	5	3	2	3
	21	46	1018.2	-	4.1	0.7	7.5	89	5.3	4	3	5	3	13	1	0	1	0	0	1	4	17	4	2	0	0	0	3	22	4	3	3	4	4	2	4	2	3
Hampshire S. Farnborough H	3	231	1017.8	-	3.4	0.4	7.5	92	6.8	4	0	0	3	21	1	0	0	1	2	3	10	9	3	1	0	0	0	4	20	5	2	3	3	3	2	2	7	2
	9	231	1018.2	-	3.5	0.4	7.5	92	6.1	3	3	1	5	14	3	0	1	2	3	5	5	7	1	3	2	0	0	3	24	2	2	4	5	4	1	0	10	1
	15	231	1017.4	-	6.9	1.4	8.1	80	6.1	2	3	2	8	14	0	0	1	0	0	1	7	10	6	3	1	0	0	11	16	2	2	5	3	3	3	1	7	3
	21	231	1018.5	-	3.6	0.5	7.5	91	5.2	8	0	3	4	13	1	0	0	0	2	4	13	5	3	2	0	0	0	6	17	6	2	4	3	4	1	1	6	2
Wiltshire Lyneham H	3	489	1017.7	-	3.0	0.4	7.2	91	6.7	3	1	0	7	15	3	0	1	0	2	3	5	14	3	1	0	0	0	11	17	1	3	3	3	4	4	4	3	4
	9	489	1017.9	-	3.1	0.5	7.2	90	6.7	1	2	2	6	17	1	0	2	0	2	3	4	9	7	2	0	0	0	15	12	2	3	3	4	5	3	3	4	2
	15	489	1017.2	-	5.9	1.3	7.6	80	7.1	0	3	2	14	10	0	0	0	0	1	0	4	11	9	4	0	0	0	17	11	1	4	3	2	6	5	0	6	2
	21	489	1018.1	-	3.6	0.6	7.3	89	5.6	4	3	1	10	10	1	0	1	0	0	0	7	16	5	0	0	0	0	9	18	2	3	2	5	1	7	4	3	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS February 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
5 ENGLAND, S.E. —cont.																																													
Boscombe Down H	3	419	1017.6	-	3.2	0.5	7.3	91	6.3	5	0	2	3	17	2	0	2	1	2	2	5	13	3	1	0	0	0	7	19	3	2	2	5	3	4	0	6	4
	9	419	1017.9	-	3.3	0.5	7.3	91	6.7	2	2	0	9	13	3	0	4	0	0	4	6	9	4	1	1	0	0	9	18	2	4	1	5	5	2	4	2	4
	15	419	1017.0	-	6.4	1.5	7.7	78	6.1	1	4	2	10	12	0	0	0	0	1	0	3	11	11	2	1	0	0	12	15	1	5	1	4	4	5	2	5	2
	21	419	1018.2	-	3.5	0.6	7.3	89	5.7	5	2	1	10	11	0	0	0	0	2	2	6	13	5	1	0	0	0	6	19	4	3	2	5	5	3	2	5	0
Upavon ... H	9	582	1017.8	-	2.9	0.3	7.3	93	6.7	2	1	1	8	11	6	0	5	1	0	3	3	12	2	2	1	0	1	10	16	2	5	1	7	3	2	1	3	5
	15	582	1017.0	-	5.7	1.2	7.6	81	6.4	1	2	3	12	11	0	0	1	0	0	1	2	15	9	1	0	0	0	17	11	1	6	2	4	4	4	2	4	2
	21	582	1018.0	-	3.3	0.5	7.3	92	5.9	5	1	1	7	14	1	0	1	1	0	1	4	16	6	0	0	0	0	11	13	5	2	2	5	5	4	2	1	3
7a ENGLAND, N.W.																																													
Cumberland Carlisle ... H	3	92	1017.2	-	3.4	0.8	7.0	87	5.8	3	3	4	5	13	1	0	1	0	0	0	2	19	5	2	0	0	2	8	14	5	0	4	6	5	0	5	3	1
	9	92	1017.7	-	3.5	1.0	6.7	83	5.7	1	5	3	12	8	0	0	0	0	0	0	7	12	7	2	1	0	2	5	18	4	1	3	10	3	1	4	3	0
	15	92	1017.1	-	6.4	1.8	7.2	73	6.5	0	2	3	14	10	0	0	0	0	0	0	1	17	7	3	1	0	0	13	13	3	1	2	4	6	3	3	6	1
	21	92	1017.7	-	4.0	1.1	6.8	83	6.0	2	3	3	10	11	0	0	0	0	0	0	4	17	6	2	0	0	0	6	23	0	0	3	9	5	1	6	4	1
Lancashire Squires Gate H	3	35	1016.7	-	3.5	0.6	7.2	89	5.8	3	4	2	5	14	1	0	0	0	2	2	4	8	8	4	1	0	0	15	11	2	1	3	4	8	1	2	5	3
	9	35	1017.1	-	4.1	0.8	7.3	86	6.2	2	2	3	11	11	0	0	0	0	1	2	12	8	5	1	0	0	1	16	12	0	0	2	9	7	1	1	5	4
	15	35	1016.5	-	6.6	1.4	7.9	79	5.7	1	3	6	12	7	0	0	0	0	0	1	8	11	7	2	0	0	1	19	9	0	0	1	5	8	2	1	7	5
	21	35	1017.2	-	4.0	0.7	7.4	88	6.0	1	5	3	5	15	0	0	0	0	1	3	9	13	3	0	0	0	1	14	14	0	0	2	8	8	1	1	6	3
Speke ... H	3	85	1017.1	-	4.3	0.9	7.3	86	6.1	2	3	3	5	16	0	0	0	0	2	2	4	7	9	4	1	0	1	7	18	3	1	4	1	10	2	1	3	4
	9	85	1017.5	-	4.6	1.0	7.3	85	6.3	2	1	4	11	11	0	0	0	0	1	2	8	14	3	1	0	0	0	14	13	2	1	2	4	9	1	1	7	2
	15	85	1016.9	-	6.9	1.8	7.5	74	6.4	1	2	1	17	8	0	0	0	0	0	1	4	15	6	3	0	0	0	19	10	0	2	2	3	9	2	0	8	3
	21	85	1017.6	-	4.9	1.1	7.2	81	5.4	3	3	5	8	10	0	0	0	0	0	2	8	13	4	2	0	0	1	12	15	1	2	2	4	10	2	1	6	1
Cheshire Ringway H	3	251	1017.0	-	3.8	1.0	6.9	84	5.8	3	3	3	5	15	0	0	0	0	0	4	3	14	4	3	1	0	0	9	18	2	1	5	4	5	5	2	5	0
	9	251	1017.4	-	3.9	1.1	6.8	82	5.8	3	1	4	11	10	0	0	1	0	2	1	9	13	2	1	0	0	0	8	16	5	1	2	7	3	4	3	4	0
	15	251	1016.8	-	6.5	2.0	7.0	71	6.1	2	1	4	13	9	0	0	0	0	0	0	11	11	7	0	0	0	2	8	19	0	0	3	5	3	6	1	7	4
	21	251	1017.5	-	4.5	1.3	6.8	78	5.7	4	2	4	5	14	0	0	0	0	0	4	8	13	4	0	0	0	0	10	15	4	1	2	4	7	3	3	5	0
7b NORTH WALES																																													
Anglesey Valley ... H	3	36	1016.1	-	4.6	0.8	7.6	87	5.4	4	3	4	6	12	0	0	0	0	0	0	0	10	14	5	0	0	5	11	10	3	1	6	4	5	4	2	4	0
	9	36	1015.4	+2.1	4.9	1.0	7.4	82	6.3	0	3	3	15	8	0	0	0	0	0	0	0	8	11	8	2	0	3	16	9	1	0	5	8	4	3	2	6	0
	15	36	1016.0	-	7.3	1.9	7.7	73	5.7	1	4	5	13	6	0	0	0	0	0	0	0	8	8	11	2	0	5	13	11	0	1	3	3	4	7	3	6	2
	21	36	1016.5	-	5.0	0.9	7.6	85	5.2	6	2	3	5	13	0	0	0	0	0	1	0	10	12	5	1	0	5	11	11	2	0	3	7	4	6	1	6	0
8a SOUTH WALES																																													
Cardigan Aberporth H	3	382	1016.2	-	4.3	0.7	7.6	88	5.3	6	2	2	7	11	1	0	0	0	1	0	1	9	12	6	0	0	5	6	14	4	1	2	4	6	5	3	3	1
	9	382	1016.5	-	4.7	0.8	7.7	87	6.3	0	5	1	11	12	0	0	0	0	0	0	2	6	15	5	1	0	2	15	10	1	0	2	4	7	7	3	4	1
	15	382	1016.0	-	6.3	1.3	7.8	79	5.7	0	6	3	10	10	0	0	0	0	0	1	6	11	7	4	0	0	7	12	0	2	2	2	8	4	1	8	2
	21	382	1015.6	-	4.6	0.8	7.5	86	5.1	4	6	1	5	13	0	0	0	0	0	0	1	9	11	6	2	0	3	10	12	4	0	2	4	8	5	4	2	0
Glamorgan Mumbles Head H	3	123	1016.1	-	4.6	0.9	7.4	85	6.3	4	1	2	3	19	0	0	0	0	0	0	0	15	13	1	0	2	3	17	7	0	4	4	9	3	1	3	4	1
	9	123	1017.0	-	4.6	0.9	7.4	85	6.1	0	4	4	10	11	0	0	0	0	0	0	2	19	8	0	0	0	9	12	7	1	3	3	10	2	2	1	4	3
	15	123	1016.6	-	6.2	1.6	7.3	76	6.3	0	3	5	8	13	0	0	1	0	0	0	3	17	6	2	0	1	5	13	10	0	0	4	8	4	2	1	9	1
	21	123	1017.2	-	5.1	1.2	7.3	81	5.4	2	7	1	8	10	1	0	0	0	0	1	1	12	13	2	0	2	3	17	6	1	3	2	9	2	1	5	3	3
Rhoose ... H	3	225	1017.1	-	3.7	0.5	7.5	91	6.3	4	0	4	1	20	0	0	0	0	1	1	5	8	10	4	0	0	1	12	13	3	1	4	9	2	2	1	5	2
	9	225	1017.4	-	3.8	0.5	7.5	90	6.6	0	3	3	10	13	0	0	0	0	1	0	9	11	7	1	0	0	1	12	12	4	1	3	6	5	2	1	4	3
	15	225	1016.8	-	6.2	1.3	7.8	80	6.9	1	0	1	16	11	0	0	0	0	0	0	4	12	7	6	0	0	1	18	10	0	0	2	6	4	2	2	11	2
	21	225	1017.6	-	4.1	0.7	7.4	88	4.9	4	5	5	2	13	0	0	0	0	0	3	2	7	15	2	0	0	1	7	19	2	2	2	6	6	1	0	5	5
8b ENGLAND, S.W.																																													
Dorset Portland Bill H	3	35	1016.8	-	5.5	0.7	8.2	89	6.0	5	2	0	2	19	1	1	0	0	0	0	1	10	7	10	0	0	5	10	14	0	3	7	3	3	5	2	4	2
	9	35	1017.1	-	5.4	0.7	8.1	88	6.1	3	2	3	4	17	0	0	0	0	0	2	0	14	7	6	0	0	3	13	11	2	2	4	7	4	4	0	5	1
	15	35	1016.6	-	6.6	1.2	8.2	83	6.2	4	2	3	5	4	1	1	0	0	0	0	1	16	6	5	0	0	5	8	14	2	4	3	6	3	3	1	7	0
	21	35	1017.3	-	5.7	0.8	8.2	88	5.4	6	2	2	3	15	1	1	0	0	0	0	0	16	5	7	0	1	3	7	13	0	4	5	4	4	5	2	4	1
Devon Hartland Pt. H	3	306	1015.6	-	5.4	0.7	8.1	89	5.4	4	1	8	5	11	0	0	0	0	0	0	0	8	15	4	1	0	6	15	4	3	1	1	8	4	3	5	2	2
	9	306	1016.0	-	5.5	0.7	8.2	88	6.1	2	1	6	11	9	0	0	0	0	0	0	1	12	10	5	1	0	5	14	8	2	1	3	6	3	5	3	5	1
	15	306	1015.6	-	6.5	1.2	8.1	82	5.9	0	3	7	10	9	0	0	0	0	0	0	0	11	10	5	3	0	9	11	8	1	0	7	3	5	0	4	8	1
	21	306	1016.2	-	5.7	1.0	7.9	85	4.6	2	8	6	4	9	0	0	0	0	0	0	0	5	15	5	4	2	5	12	10	0	0	3	9	4	3	5	2	3
Mount Batten H	3	100	1016.8	-	4.9	0.5	8.2	91	5.5	7	1	1	5	15	0	0	0	0	1	0	9	13	6	0	0	0	0	12	12	5	1	4	5	6	3	2	2	1
	9	100	1017.1	+0.7	4.8	0.4	8.2	92	6.2	3	2	0	11	13	0	0	0	1	0	3	9	13	2	1	0	0	0	12	10	7	2	3	6	4	2	1	2	2
	15	100	1016.5	-	7.5	1.4	8.5	79	5.6	3	4	2	12	8	0	0	0	0	0	1	4	9	12	3	0	0	0	16	13	0	3	2	7	2	7	3	3	2
	21	100	1017.3	-	5.4	0.7	8.2	88	5.0	7	3	0	7	12	0	0	0	0	0	3	10	16	0	0	0	0	0	9	15	5	1	4	4	6	3	0	4	2
Chivenor ... H	3	23	1016.7	-	4.5	0.6	7.8	89	5.5	4	3	3	7	12	0	0	0	0	0	0	1	16	6	4	2	0	1	9	16	3	0	1	13	4	2	2	2	2
	9	23	1017.1	-	4.8	0.7	7.9	88	6.2	1	3	3	13	9	0	0	0	0	0	0	5	3	16	3	2	0	0	10	16	3	0	3	9	7	2	1	3	1
	15	23	1016.5	-	7.6	1.7	8.1	75	6.3	0	5	1	12	11	0	0	0	0	0	0	1	7	10	5	6	0	4	14	9	2	2	4	4	5	3	1	5	3
	21	23	1017.3	-	4.9	0.8	7.7	87	5.2	5	3	4	5	12	0	0	0	0	0	0	2	14	9	2	2	0	2	8	13	6	0	1	10	3	3	1	4	1
Exeter ... H	3	125	1017.3	-	4.3	0.7	7.6	88	5.8	4	3	1	6	15	0	0	0	0	0	1	3	4	11	7	3	0	0	15	10	4	1	5	2	7	3	1	3	3
	9	125	1017.6	-	4.3	0.7	7.7	88	6.2	2	2	2	12	11	0	0	0	0	0	1	3	15	6	4	0	0	3	15	11	3	2	6	2	8	4	2	1	1
	15	125	1016.9	-	7.3	1.6	8.2	78	6.1	0	4	3	13	9	0	0	0	0	0	0	3	8	10	5	3	0	3	15	10	1	4	3	1	8	3	3	4	2
	21	125	1017.8	-	5.0	0.8	7.8	87	5.8	3	4	2	5	15	0	0	0	0	0	2	4	9	11	2	1	0	1	6	20	2	2	6	1	7	4	2	4	1
Cornwall St. Mary's, Scilly H	3	199	1015.3	-	7.3	0.7	9.3	89	6.2	1	1	5	9	13	0	0	0	0	0	1	1	8	7	7	5	0	7	15	6	1	2	2	6	4	5	4	4	1
	9	199	1015.4	-0.4	7.4	0.9	9.1	87	6.4	0	5	3	5	16	0	0	0	0	0	1	1	13	8	2	4	0	7	13	7	2	2	2	6	3	5	5	4	0
	15	199	1015.0	-	8.4	1.2	9.4	84	6.3	2	1	4	9	13	0	0	0	0	0	0	3	12	9	2	3	0	7	14	8	0	1	1	7	4	6	5	4	1
	21	199	1015.6	-	7.4	1.0	9.0	85	5.5	2	4	6	2	15	0	0	0	0	0	0	2	8	8	6	5	1	4	16	7	1	2	2	5	5	7	4	2	1
St. Mawgan H	3	350	1016.2	-	4.9	0.6	8.1	90	5.7	4	3	2	5	15	0	0	0	0	0	0	4	16	8	1	0	0	2	14	11	2	1	0	8	8	4	1	2	3
	9	350	1016.4	-	5.1	0.8	8.0	88	6.3	0	4	2	12	11	0	0	0	0	1	1	1	12	10	4	0	0	3	11	14	1	3	1	7	6	5	3	3	0
	15	350	1015.9	-	7.2	1.7	8.1	78	5.7	0	5	6	8	9	1	0	1	0	0	1	0	8	10	5	4	0	3	13	13	0	1	5	4	7	4	2	3	3
	21	350	1016.6	-	5.0	0.9	7.7	86	4.9	6	4	1	6	12	0	0	0	0	0	1	2	14	7	4	1	0	2	12	14	1	0	3	6	10	4	2	1	2
9 NORTHERN IRELAND																																													
Londonderry Ballykelly H	3	6	1014.3	-	4.4	1.0	7.2	84	5.4	4	3	2	11	9	0	0	0	0	0	0	2	5	11	11	0	0	2	13	9	5	1	0	3	10	4	3	3	0
	9	6	1014.8	-	4.3	1.0	7.1	83	5.9	0	4	4	16	5	0	0	0	0	0	0	1	8	7	12	1	0	0	13	9	7	0	0	6	7	5	0	4	0
	15	6	1014.1	-	7.0	1.8	7.5	73	6.4	1	0	4	19	5	0	0	0	0	0	0	1	6	7	13	2	0	0	18	8	3	0	1	3	10	3	2	7	0
	21	6	1014.6	-	4.7	1.1	7.2	82	4.8	3	6	5	8	7	0	0	0	0	0	0	2	5	7	15	0	0	3	8	11	7	1	0	3	8	5	3	2	0
Antrim Aldergrove H	3	241	1015.5	-	3.9	0.9	7.0	85	5.8	2	3	4	10	10	0	0	0	0	0	0	2	7	13	7	0	0	2	15	11	1	0	2	3	9	8	4	1	1
	9	241	1015.9	-	3.7	0.9	6.9	84	6.1	1	4	3	10	11	0	0	0	0	0	0	4	8	8	6	3	0	0	19	9	1	0	3	3	11	6	3	2	0
	15	241	1015.2	-	6.4	1.7	7.3	75	6.3	0	2	4	16	7	0	0	0	0	0	1	3	8	5	5	7	0	2	19	8	0	1	2	3	9	6	6	2	0
	21	241	1015.8	-	4.3	1.0	7.1	84	5.6	2	4	5	8	10	0	0	0	0	0	0	4	8	8	6	3	0	0	7	10	2	0	1	5	8	7	4	1	1
CHANNEL ISLES																																													
Guernsey States Airport H	3	360	1017.4	-	5.8	1.0	8.0	85	6.3	1	4	1	8	15	0	0	0	0	1	0	2	9	8	5	4	0	1	14	12	2	1	3	4	3	8	1	3	4
	9	360	1017.6	-	5.8	0.9	8.1	86	6.5	0	2	4	12	11	0	0	1	2	0	0	0	12	4	7	3	0	2	14	11	2	1	5	3	6	4	3	1	4
	15	360	1017.0	-	7.0	1.4	8.1	79	6.0	0	5	2	13	9	0	0	0	0	0	0	1	10	4	11	3	0	1	17	11	0	5	3	5	5	2	4	2	3
	21	360	1017.7	-	5.8	1.0	7.9	84	5.2	3	6	3	5	12	0	0	0	0	1	2	1	10	3	10	2	0	2	13	14	0	3	5	3	6	5	1	2	4

H *See* Notes on Tables in the Introduction.

Table XIII—Solar Radiation and Intensity of Illumination February 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination of a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	203	29	7	24	65.2	29	98	28	7	24	47.8	29	208	29	9	24	75.5	29
Eskdalemuir Observatory ...	226	21	015	23	100.1	29	122	19	015	23	67.1	29	244	21	020	23	1110.9	29
Cambridge	239	21	16	16	105.6	29	130	28	16	16	68.0	29	-	-	-	-	-	-
Kingsway	193	5	11	11	93.8	29	142	28	11	16	68.7	29	215	27	11	16	97.9	29
Kew Observatory	204	27	8	16	99.8	29	148	27	8	16	67.9	29	222	27	9	16	100.6	29
Aberporth	257	28	34.0	19	136.2	29	150	24	34	19	91.7	29	-	-	-	-	-	-

Table VIII—Number of Days in February 1964 with Maximum and Minimum Temperatures between given limits.

Station	Maximum Temperature °C.							Minimum Temperature °C						
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	8	21	0	0	0	0	0	0	0	0	6	17	6	0	0
Stornoway	0	3	22	4	0	0	0	0	0	0	0	7	12	10	0	0
Craibstone	0	11	17	1	0	0	0	0	0	0	0	7	20	2	0	0
Rothesay	0	9	19	1	0	0	0	0	0	0	0	5	18	6	0	0
Renfrew	0	9	15	5	0	0	0	0	0	0	2	4	15	8	0	0
Eskdalemuir Observatory	0	13	14	2	0	0	0	0	0	0	3	13	10	3	0	0
Douglas	0	7	22	0	0	0	0	0	0	0	0	7	17	5	0	0
Cockle Park	0	11	15	3	0	0	0	0	0	0	1	6	21	1	0	0
Gorleston	0	9	16	4	0	0	0	0	0	0	0	3	24	2	0	0
Cambridge	0	9	14	6	0	0	0	0	0	0	1	7	18	3	0	0

Station	Maximum Temperature °C.							Minimum Temperature °C.						
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	1	13	16	1	0	0	0	0	0	0	1	5	23	2	0	0
Kew Observatory	0	11	19	1	0	0	0	0	0	0	0	6	22	3	0	0
Hastings	0	7	20	2	0	0	0	0	0	0	0	5	16	8	0	0
Southampton	0	6	14	9	0	0	0	0	0	0	0	7	13	9	0	0
Stonyhurst	0	9	14	6	0	0	0	0	0	0	1	10	14	4	0	0
Bidston	0	9	14	6	0	0	0	0	0	0	0	5	20	4	0	0
Valley	0	3	18	8	0	0	0	0	0	0	2	2	14	11	0	0
Falmouth	0	1	17	11	0	0	0	0	0	0	0	5	12	12	0	0
Aldergrove	0	9	13	7	0	0	0	0	0	0	0	8	16	5	0	0
Armagh	0	7	15	7	0	0	0	0	0	0	0	9	14	5	0	0

Table II—Additions and Corrections

Month	Station	Height of Vane: Above Mean Sea Level	Height of Vane: Above Ground	Height of Vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N.	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at	Highest Gust: Speed	Highest Gust: Day and Time
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots		knots	day hr.	knots	day h.m.
Sept., 1952 - April, 1963	Valley	83	50	40														
May, 1963 - Nov., 1963	Valley	86	53	40														
1959																		
December	Avonmouth	92	61	33				98	384									
1960																		
August	Avonmouth	92	61	33					240	241	222							
September	Avonmouth	92	61	33					162	294								
October	Avonmouth	92	61	33					199	273	215							
1961																		
February	Avonmouth	92	61	33				85	201									
March	Avonmouth	92	61	33						185	272							
July	Avonmouth	92	61	33						206	214							
1963																		
April-Nov.	West Freugh	81	33	33														
August	Aldergrove	281	65	55				14	407	257	66		11.3		27		43	26 1045
September	Dounreay	110	39	30	26,27	9	7	64	329	314	0	4	12.8	290	43	26 12	73	26 1120
October	Bell Rock	128	131	124	9,11,13,15,19	18	21	199	388	110	29	0	17.2	230	40	9 22	52	9 2125
November	Dounreay	110	39	30	17,22	3	9	71	313	289	39	5	12.2	290	34	22 06	56	22 0500
November	Bell Rock	128	131	124	12,13,17,21,22	25	19	182	304	162	47	0	16.3	280	39	13 06	50	13 0210
November	Moor House	960	50	45	12,13,21,22,24	30	14	121	304	177	64	24	14.9	270	42	21 23	64	21 2055
December	Stansted	358	31	31	-	0	0	0	176	433	135	0	7.8	060	18	3 12	28	3 1310

Table IV—Additions and Corrections

Month	Station	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb	%																																					
1960																																														
October	Elmdon	1500	362					11.6																																						
Annual	"	1500	362					10.3																																						
1963																																														
May	St. Mary's Scilly	0900	199						86																																					

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MO 754

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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March 1964 — *Cold; dull and wet except in north-west Scotland.*

The first ten days and last week of the month were mainly anticyclonic in character with pressure high over Scandinavia or to the north of the British Isles, but from the 11th to the 24th troughs of low pressure from the Atlantic gave unsettled weather.

The month began dull and cold with east to south-east winds covering much of England and Wales associated with an anticyclone over Scandinavia which later developed westwards. The 1st and 2nd were mainly dry although there were a few scattered sleet showers in the east, but on the 3rd a shallow depression moving southwards over the North Sea brought a period of more continuous rain which was followed on the 4th by snow and sleet showers in many parts of the country. During the remainder of the first week high pressure extended from the southern Baltic to western Scotland, and cold easterly winds brought wintry showers of increasing frequency to most districts, but there were long sunny periods in the west; by the 7th the higher ground in Kent and Surrey was snow-covered to a depth of 3 inches in places.

During the next three days the anticyclone to the west of Scotland declined and moved slowly northwards. Many parts of the country had almost unbroken sunshine on the 8th but on the 9th and 10th an almost stationary trough of low pressure gave periods of rain in northern and central England while further south there were scattered snow showers with long sunny periods.

On the 11th the main centre of high pressure moved east to Scandinavia and winds in south-west England and Wales increased to gale force as a deepening depression from the Atlantic reached the South-West Approaches. The next day fronts associated with this depression brought widespread rain to western and southern districts which spread to the remainder of the country during the night and the next morning. Temperature rose rapidly, it reached 15°C at a number of places in the south-east on the 13th, about seven degrees higher than the previous day. The fronts over the country became slow-moving on the 14th and rain was heavy and prolonged in many districts.

A wintry spell began on the 15th as a depression formed over northern France and winds over southern England backed towards the east. The rain turned to snow in parts of the south during the night, and snow fell over most of the country except the extreme west and north throughout the 15th. Snow-drifts 6 ft. deep blocked main roads in Scotland while level snow lay 6-12 inches deep in parts of Yorkshire and 3-6 inches deep in the Home Counties. There were long sunny periods in eastern England on the 16th as the snow moved westwards temporarily, but the troughs spread back that night bringing a renewal of heavy rain and snow. Wintry precipitation continued in most western and southern districts on the 17th and 18th as a deep depression approached Ireland from the Atlantic, and on the 19th milder air brought periods of heavy rain to southern England while a belt of moderate to heavy snow moved north-east from the Midlands to southern Scotland.

The next four days were mild, dull and wet with shallow disturbances over the country, and rain was heavy in southern and central England on the 24th, and in eastern Scotland on the 25th, as a vigorous depression moved east across northern England; 2.13 inches fell at Dyce in about 32 hours.

After a sunny day on the 26th easterly winds set in again on Good Friday (27th) as an anticyclone became established over Scandinavia, and weather during the remainder of the month was generally dull and became progressively colder with rain at times and some snow in eastern coastal districts.

Pressure and Wind — Mean pressure was above the 1921-60 average in the north and below in the south, the deviation at 9h ranging from +9.2 mb at Lerwick to −4.0 mb at Scilly. Surface winds were easterly at first becoming mainly south-easterly (but occasionally south-westerly in the south-west) from the 10th to the 21st after which wind was rather variable until the 27th and mainly easterly during the last four days of the month. Gales were widespread in Scotland on the 14th with wind reaching 60 kt in gusts at a number of places.

Temperature — With winds predominantly between east and south-east, the month was particularly cold in eastern England although there were milder periods around the 13th and 20th. The coldest nights were generally around the 10th in England and Wales and around the 6th in Scotland.

Extremes included: (England and Wales) 15.6°C at Sellafield on the 20th, −8.9°C at Clawton on the 9th; (Scotland) 13.3°C at Kinlochewe on the 1st and at Benmore Forestry School on the 9th, −8.3°C at Dundeugh on the 7th and at Coire Cas Scieling and at Cairngorm on the 18th and 19th; (Northern Ireland) 13.0°C at Carrigans on the 24th, −6.1°C at Loughermore Forest and Baronscourt Forest on the 8th.

Rainfall — Large areas of eastern Scotland had more than twice their average amount of rain while places in Skye, west Inverness-shire and west Argyllshire recorded less than 25 per cent of the average. At Stornoway it was the driest March since 1876. Rainfall was also below the average in Cumberland, parts of Westmorland and over most of Wales, but was more than twice the average over much of the north and east Midlands, Lincolnshire, the Thames Valley, Surrey, Hampshire and also in some coastal regions of Norfolk, Essex and the English Channel.

Thunder was heard on the 14th and 19th in Scotland and on the 13th, 21st, 22nd and 24th in England and Wales.

Snow or sleet fell in Scotland at one place or another on the 4th-7th, 9th, 11th-20th, 23rd-25th and 29th-31st (21 days) and ground was snow-covered on the 7th and 14th-21st (12 days). In England and Wales the corresponding figures were the 3rd-8th, 13th-21st, 24th and 28th-31st (20 days) and the 5th-8th, 15th-21st and 24th (13 days). Snow lay 6-12 inches deep in parts of the Midlands and 3-6 inches deep in south-east England on the 16th.

Sunshine — It was a very dull month, especially in eastern districts. Only in the extreme north-west was sunshine above the average, in many eastern coastal districts it was little more than 30 per cent of the average. At Worthing it was the dullest March since 1900 and at Ross-on-Wye the dullest since sunshine records began in 1914.

Fog — Fog was observed at 9h at one place or another in Scotland on 26 days and in England and Wales every day except the 7th, 8th and 26th. It was widespread on the 21st and 22nd and was reported at Ushaw College on 19 mornings.

Miscellaneous Phenomena — The aurora was visible in Scotland on 19 nights.

TABLE I—DISTRICT VALUES— March 1964 (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
0 SCOTLAND, N.	13.3	-8.3	-0.2	+0.4	0.0	-	-	-10	48	86
1 SCOTLAND, E.	12.8	-7.2	-2.1	-0.2	-1.2	-	-	+1	145	51
2 ENGLAND, N.E.	14.4	-5.1	-3.5	-0.5	-2.0	-0.7	-0.3	+4	210	39
3 ENGLAND, E.	14.4	-6.1	-3.5	-0.6	-2.1	-0.8	-0.6	+2	217	46
4 MIDLANDS	14.6	-7.6	-3.1	-0.7	-1.9	-0.5	-0.3	+2	192	54
5 ENGLAND, S.E.	15.0	-6.1	-2.7	-0.2	-1.5	-0.7	-0.3	+2	212	56
6 SCOTLAND, W.	13.3	-8.3	-1.6	-0.3	-0.9	-0.1	0.0	-4	78	62
7 ENGLAND, N.W. and N. Wales	15.6	-8.0	-2.3	-0.6	-1.4	-0.5	0.0	-1	135	57
8 ENGLAND, S.W. and S. Wales	15.1	-8.9	-2.2	-0.6	-1.4	-0.1	-0.2	-2	149	65
N. IRELAND	13.0	-6.1	-1.3	-0.9	-1.1	-	-	-1	131	62
SCOTLAND	13.3	-8.3	-1.3	0.0	-0.7	-	-	-4	83	66
ENG. and WALES	15.6	-8.9	-2.9	-0.5	-1.7	-	-	+1	170	53

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— March 1964 (1914)

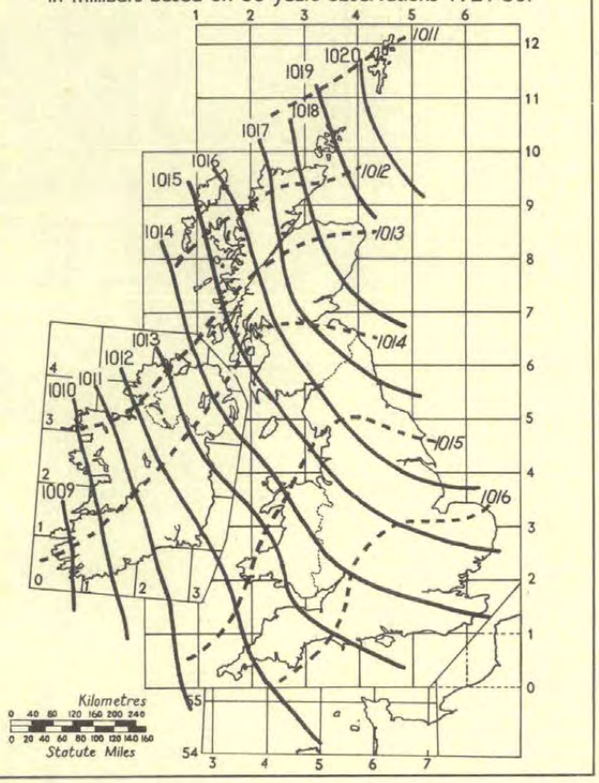
District, County and Place		Height of Vane: Above Mean Sea Level	Height of Vane: Above Ground	Height of Vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at	Highest Gust: Speed	Highest Gust: Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr	knots	day	h m
SCOTLAND																			
0 Zetland	Lerwick Observatory	304	33	33	13-15	31	17	203	289	173	48	0	16.9	150	42	14	13	64	14	1330
Orkney	Kirkwall	134	50	33	14,15	34	11	166	268	214	62	0	15.4	130	41	14	14	60	14	1355
Caithness	Dounreay	110	39	30															
Sutherland	Shin	78	33	33	-	0	7	32	263	265	183	1	9.3	120	27	14	16	54	14	1805
Ross &	Stornoway (Coastguard)	120	40	36	14,19	7	11	115	337	190	95	0	13.0	120	36	19	19	46	19	1910
Cromarty	Duirinish	125	65	55	-	0	8	54	269	276	144	1	9.8	100	30	14	20	46	14	1855
Inverness	Benbecula	69	51	35	14,15,17,18	38	18	208	289	162	47	0	17.1	150	39	15	11	58	17	2320
1 Moray	Lossiemouth	101	80	60	-	0	9	49	237	303	139	16	9.5	130	30	14	15	60	14	1430
Aberdeen	Dyce	225	40	40	-	0	4	31	259	288	166	0	9.2	130	31	14	15	46	14	1650
Angus	Auchterhouse ...	822	62	50	-	0	9	65	303	241	99	36	11.5	100	33	14	14	55	14	1730
	Bell Rock Lighthouse	126	131	124															
Perth	Rannoch	1006	56	57	12,14,19	13	10	130	297	174	126	4	12.8	110	44	14	15	(56	19	1805)
Fife	Leuchars	78	40	40	14	12	10	103	293	255	81	0	12.8	110	40	14	13	56	14	1320
Midlothian	Turnhouse	137	40	33	-	0	4	22	280	320	122	0	9.3	100	28	14	10	49	14	0945
	Edinburgh, Blackford Hill	496	50	34	14	1	8	38	303	336	66	0	10.8	110	34	14	09	56	14	0920
6a Argyll	Tiree	89	60	47	12-19,25	142	18	183	261	66	92	0	20.4	110	44	14	09	60	14	0915
Bute	Millport	50	34	34	12,14,19	28	12	79	285	165	167	0	12.2	060	39	19	11	54	19	1015
Renfrew	Paisley	188	81	31	-	0	0	0	161	377	206	0	6.8	300	21	25	06	40	14	1420
	Renfrew	71	41	39	-	0	3	19	223	367	135	0	8.5	110	26	19	13	42	19	1255
Lanark	Lowther Hill ...	2412	43	33															
Ayr	Prestwick Airport ...	68	33	33	-	0	7	51	288	295	110	0	10.6	100	33	14	10	50	14	1005
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	4	8	116	309	307	4	5.9	310	27	25	08	47	14	1255
Wigtown	West Freugh ...	81	33	33	17	17	7	114	229	310	84	0	11.8	130	36	17	05	54	17	0225
ENGLAND and WALES																			
6b Isle of Man	Ronaldsway	119	64	39	12,14,16-19,25	84	13	112	326	181	41	0	16.7	100	48	19	09	61	19	1050
	Point of Ayre ...	64	33	33	14,16-19,25	46	12	120	379	174	25	0	15.7	090	40	19	11	54	19	0935
2 Durham	Durham	389	53	33	-	0	2	3	210	339	183	9	7.6	310	23	25	12	41	14	1310
	South Shields ...	73	57	44	14,19	10	11	126	271	241	96	0	12.8	130	37	14	14	50	14	1135
Lincoln	Cranwell	268	47	47	-	0	3	14	252	402	52	24	9.6	270	24	25	08	39	25	0610
3 Norfolk	Gorleston	45	33	33	*														
Suffolk	Mildenhall	98	83	60	-	0	1	1	240	382	121	0	8.4	270	22	25	09	37	25	0820
Bedford	Bedford	327	42	30	-	0	1	8	284	333	119	0	8.9	290	24	25	10	38	25	0920
	Cardington	276	133	133	-	0	5	15	399	275	55	0	11.2	100	24	19	11	34	12	1105
Hertford	Garston	307	50	33	-	0	0	0	52	586	106	0	6.3	310	18	25	13	33	25	1220
	Rothamsted	461	41	33	-	0	0	0	184	436	118	6	7.2	310	16	25	13	35	25	1410
Essex	Stansted ...	358	31	31	-	0	1	1	340	336	67	0	9.9	300	22	25	13	31	25	1325
	Coryton	66	57	48	‡														
	Shoeburyness ...	116	106	91	-	0	14	162	322	231	28	1	14.5	100	33	17	22	42	17	2115
4 Yorks, W.R.	Sheffield	533	63	35	-	0	0	0	16	293	435	0	3.6	300	16	25	08	41	25	0925
Warwick	Edgbaston	643	118	73	-	0	1	2	49	532	161	0	6.0	310	23	25	12	41	25	1105
	Elmdon	362	30	31	-	0	1	13	215	416	100	0	8.7	310	32	25	14	47	25	1340
Buckingham	Amersham	500	50	50	-	0	0	0	108	552	72	12	7.1	030	15	8	11	30	25	1115
Stafford	Keele	706	50	33	-	0	2	13	168	344	219	0	7.3	310	27	25	13	51	25	1210
Gloucester	Avonmouth	92	61	33	*														
5 London	Kingsway	208	143	41	-	0	0	0	214	470	60	0	8.1	070	17	9	12	37	9	1140
Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	3	274	455	12	0	9.7	060	22	9	13	34	9	1155
	Hampton	139	101	100	-	0	0	0	211	420	113	0	7.8	060	20	9	12	36	9	1250
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	281	401	62	0	9.3	060	21	9	13	37	9	1355
	Gatwick	232	38	33	-	0	0	0	182	474	88	0	7.8	050	21	8	14	35	8	1135
Kent	Isle of Grain ...	48	40	33	-	0	2	11	219	295	219	0	7.6	060	24	7	20	35	7	2010
	Dover	68	38	62	-	0	5	51	275	314	104	0	10.4	040	26	7	19	(39	7	1705)
Sussex	Thorney Island ...	75	65	42	-	0	1	3	205	385	151	0	7.8	100	22	11	15	37	11	1500
Hampshire	Hurn	86	53	46	-	0	0	0	342	343	59	0	10.0	100	21	11	14	37	11	1335
	Calshot	50	41	33	-	0	6	52	414	259	19	0	12.7	100	26	11	16	36	11	1445
	S. Farnborough ...	316	69	35	-	0	0	0	182	468	94	0	7.9	060	18	9	12	38	9	1140
Berkshire	Abingdon	295	40	40	-	0	0	0	355	291	98	0	9.5	040	21	8	11	34	8	0940
Wiltshire	Larkhill	491	51	36	-	0	5	12	328	307	97	0	10.2	050	23	9	12	37	25	1150
	Boscombe Down ...	425	55	55	-	0	3	9	283	338	114	0	9.0	060	23	9	11	38	9	1030
	Porton	406	44	44	-	0	4	14	286	321	123	0	9.3	060	25	9	12	40	9	1110
7a Cumberland	Carlisle	137	42	30	-	0	4	19	246	391	88	0	9.2	080	26	19	10	42	17	1110
	Sellafield	83	39	35	14,17	2	10	111	211	322	98	0	11.5	120	34	14	09	50	14	0815
	Spadeadam	959	51	40	19	2	8	81	289	306	46	20	12.2	090	34	19	14	51	19	1240
Westmorland	Great Dun Fell ...	2843	33	33	*														
	Moor House ...	1960	50	45	14,16-18	5	10	111	318	217	22	71	13.9	(130	34	17	21)	(50	14	0905)
Lancashire	Squires Gate ...	88	55	35	19	3	10	109	338	281	13	0	13.7	110	36	19	12	48	25	0550
	Southport	59	41	33	-	0	3	22	193	312	204	13	7.9	320	32	25	08	47	25	0710
	Fleetwood	112	50	31															
	Speke	84	41	33	-	0	6	59	232	422	31	0	10.6	300	26	25	06	49	25	0505
	Manchester W/Centre	268	147	55	-	0	1	2	202	465	75	0	8.3	080	23	12	18	49	19	1130
Cheshire	Bidston Observatory	262	64	39	-	0	7	59	212	405	44	24	-	110	29	18	11	47	18	0805
	Ringway	261	33	33	-	0	4	26	253	309	158	0	9.0	100	28	19	12	45	19	1140
7b Anglesey	Valley	86	53	40	-	0	7	36	336	328	44	0	11.3	310	32	25	04	47	25	0255
8a Cardigan	Aberporth	483	41	41	14,17,18	20	12	98	376	227	23	0	14.6	110	39	17	03	(55	18	1525)
Pembroke	Brawdy	432	68	45	11,16-18,25	28	14	129	278	257	52	0	14.2	110	40	17	01	60	16	2340
Glamorgan	Port Talbot	91	40	35	-	0	9	116	189	328	111	0	11.1	110	33	17	05	53	17	0450
	Rhoose	257	37	32	-	0	5	27	356	312	49	0	11.1	340	26	25	11	39	25	1325
8b Dorset	Portland Bill ...	150	155	155	6,10-12,16-18	60	23	261	314	94	15	0	20.2	070	46	11	24	55	11	2345
Devon	Plymouth Hoe ...	191	88	65	-	0	9	46	270	319	109	0	10.4	-	32	11	14	49	11	1500
Cornwall	St. Mary's, Scilly ...	230	65	57	11	1	16	120	470	136	17	0	15.6	120	34	11	12	50	11	1230
	The Lizard	315	75	60	11,12,16	24	17	89	421	141	48	21	14.9	100	40	11	23	51	11	2335
NORTHERN IRELAND																			
9 Londonderry	Ballykelly	56	50	35	14,17,18	6	9	98	217	201	222	0	10.3	140	36	14	08	57	17	0210
Antrim	Aldergrove	263	33	33	-	0	10	112	260	276	96	0	11.8	120	32	14	07	51	19	0720
Fermanagh	Castle Archdale ...	263	43	43	-	0	3	11	204	377	152	0	8.3	090	23	19	12	47	14	0715
CHANNEL ISLES																			
	Jersey Airport ...	359	86	50	-	0	7	37	504	187	16	0	13.3	320	25	15	04	39	8	1605

‡ Record ceased ‡ Incomplete record * Defective record

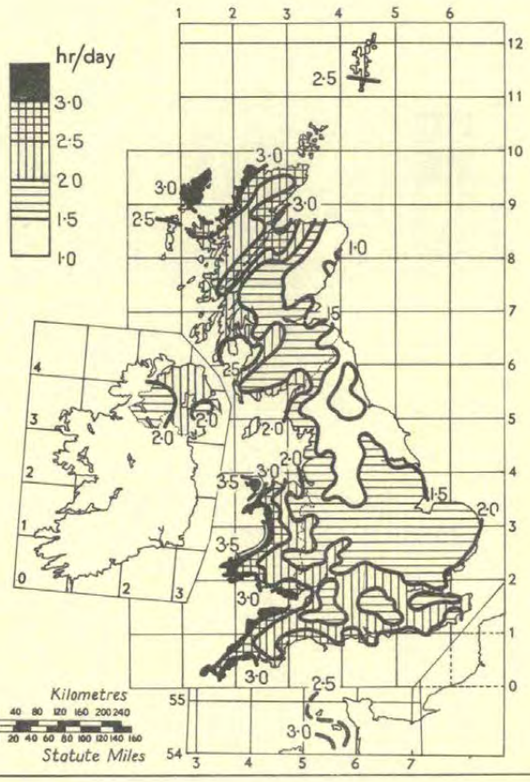
MONTHLY WEATHER CHARTS MARCH 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



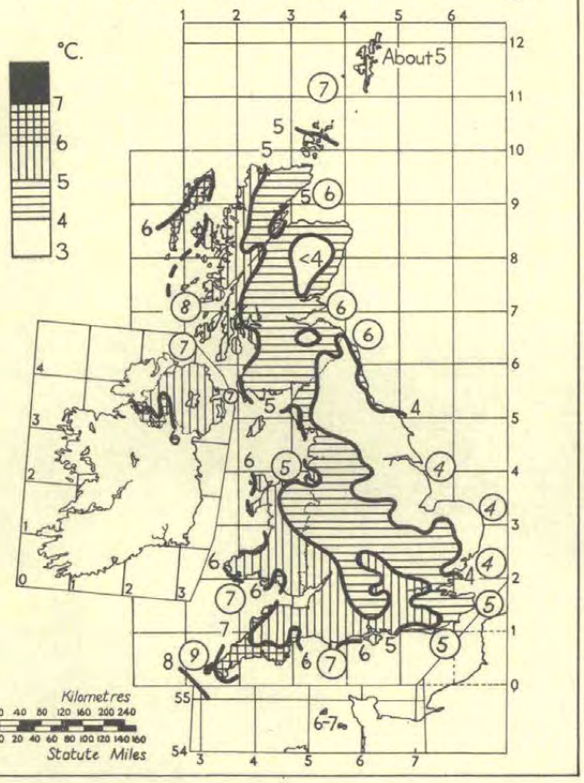
BRIGHT SUNSHINE



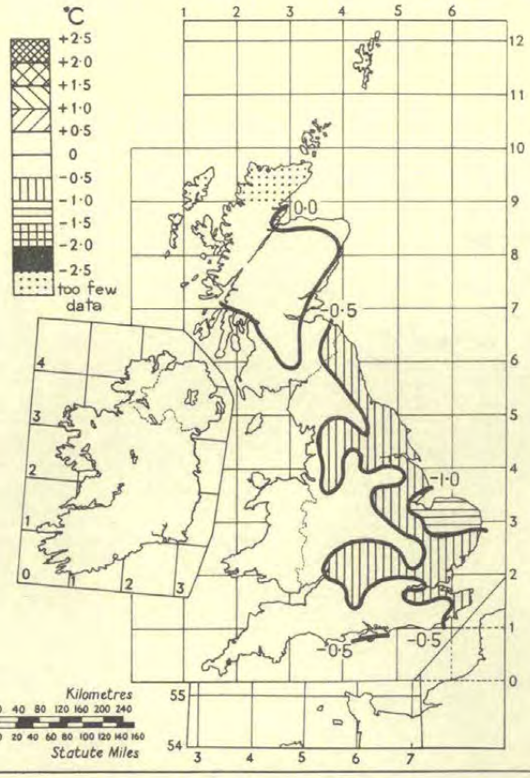
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
MARCH
1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

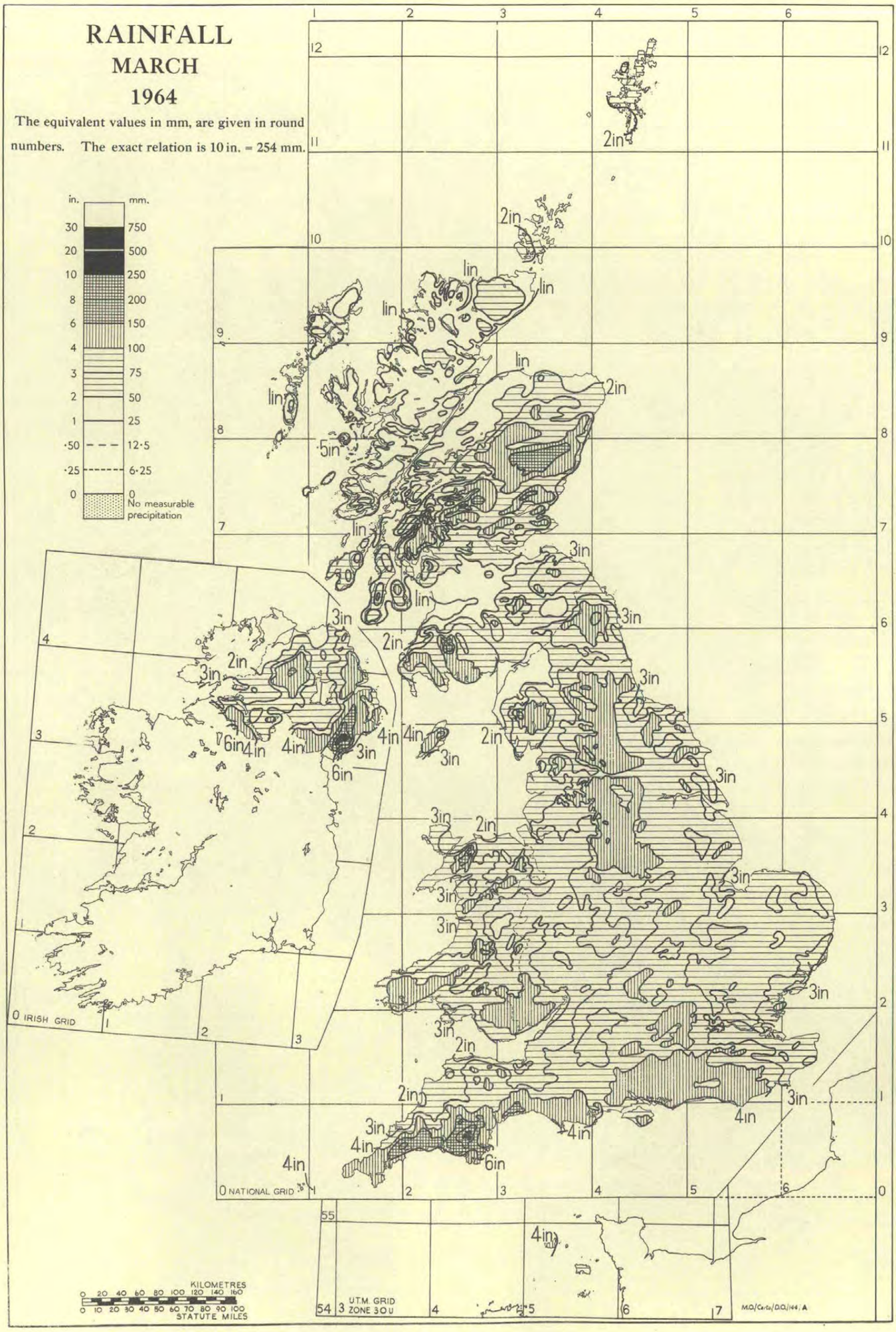


TABLE III.—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0 SCOTLAND, N.																														
Zetland	Hamnavoe	9 9	70	6.8	3.4	5.1	-	10.0	4	0.6	20	-	-	3.27	-	2.21	24	12	9	2	0	3	0	0	0	0	-	11	2.47	-
	Lerwick Obs'y. ¶§	21-9	269	6.1	2.6	4.3	+0.4	9.2	9	-0.8	31	-	-	1.86	52	.80	24	13	10	4	0	0	4	0	0	3	10	4	2.28	79
	Baltasound	9 9	78	6.7	2.8	4.7	-	9.4	9,10	-1.1	30,31	4.7	-	1.23	33	.48	25	12	6	1	0	0	0	0	0	2	-	5	2.23	-
Orkney	Sule Skerry	9 9	43	7.0	4.8	5.9	-	9.6	9	2.5	19	-	-	1.02	-	.44	24	9	5	0	0	0	0	0	0	2	7		-	-
	Stenness	9 9	75	6.8	2.6	4.7	-	10.0	8	-1.7	31	4.8	-	2.08	-	1.04	24	12	7	0	0	0	1	0	0	4	6	6	2.52	-
	Costa	9 9	115	6.6	3.1	4.9	-	10.0	8	0.6	20	-	-	1.67	-	.95	24	11	7	2	0	0	6	0	0	0	2	8	2.83	-
	Kirkwall	21-9	84	6.7	2.9	4.8	-	9.8	8	-0.1	19,31	-	-	1.61	60	.93	24	9	6	7	0	2	0	0	0	2	9	3	2.60	80
Caithness	Dounreay	9 9	70	7.3	1.9	4.6	-	11.7	1	-2.8	5,31	-	-	2.01	-	.91	14	10	6	0	0	0	1	0	0	4	13	9	-	-
	Wick ¶§	21-9	119	6.6	2.5	4.5	-0.3	10.3	8	-2.5	5	-	-	1.28	71	.79	24	9	6	4	0	0	0	0	0	3	9	1	2.55	78
Sutherland	Cape Wrath	21-9	367	7.0	3.1	5.1	-0.2	11.0	27	-1.5	18,19,20	-	-	.87	30	.61	2	6	2	1	0	0	0	0	0	4	2	7	-	-
	Achany	9 9	280	7.4	0.7	4.1	-	12.2	2	-6.1	5	3.8	4.6	1.62	57	.53	24	16	7	5	1	2	0	0	0	13	20	5	-	-
	Strathy	9 9	120	7.2	1.6	4.4	-0.3	11.1	1	-5.0	31	-	-	2.29	82	.97	14	10	6	4	0	0	3	0	0	4	-	1	2.89	89
Ross & Cromarty	Stornoway ¶§	21-9	11	8.7	3.6	6.1	+0.4	10.9	8	-2.7	6	-	-	.91	40	.34	24	11	5	1	0	0	1	0	0	5	8	0	3.84	110
	Balmacara	9 9	2	9.3	3.2	6.3	-	11.7	20	-1.1	5	-	-	.37	-	.16	23	8	4	-	0	-	-	-	-	2	-	-	-	-
	Poolewe	9 9	20	9.4	2.9	6.1	-	12.2	23	-0.6	5,6	-	-	1.22	-	(.58)	24	8	7	-	-	-	-	-	0	2	11	-	4.33	-
	Inverpolly	9 9	45	8.8	2.3	5.5	-	12.8	27	-2.2	5	5.4	-	.99	-	.49	24	5	4	0	0	1	0	0	-	5	19	6	4.10	-
	Achnashellach	9 9	220	8.6	1.7	5.1	-0.1	12.8	24	-3.3	5	-	-	.67	12	.28	24	11	5	1	0	0	0	0	0	4	-	2	-	-
	Kinlochewe	9 9	76	8.7	1.8	5.3	-	13.3	1	-3.3	5	4.8	-	.80	-	.46	24	9	7	2	0	0	0	0	2	4	18	2	3.08	- S
	Blackbridge	9 9	690																											
	Fortrose ¶§	9 9	15	7.3	3.1	5.2	-0.2	11.1	1	0.6	5	-	-	1.00	67	.42	24	7	7	-	0	-	-	-	0	0	-	-	2.27	65
	Tarbatness	21-9	60	6.5	3.2	4.9	-	12.0	2	0.5	5	-	-	.84	-	.50	24	9	4	3	0	0	0	0	0	0	-	2	-	-
Inverness	Benbecula	21-9	19	8.1	3.3	5.7	-0.3	10.3	9	-1.7	6	-	-	.79	31	.17	23	9	5	3	0	0	1	0	1	3	11	7	2.58	-
	Isle of Rhum	9 9	15	8.6	2.9	5.7	-	11.1	9	-1.7	6,26	5.7	6.7	1.21	-	.44	24	9	6	1	0	0	0	0	0	4	20	5	-	-
	Prabost	9 9	220	8.6	2.6	5.6	-	10.6	13,20,23	-1.7	19	-	-	1.11	-	.72	24	9	5	2	0	0	0	0	1	2	20	7	4.05	-
	Duntulm	9 9	294	8.6	3.3	5.9	+0.2	10.6	20,23	-1.7	19	-	-	1.00	31	(.69)	24	8	4	2	0	0	0	0	0	1	11	3	3.92	112
	Onich ¶§	9 9	48	8.2	2.6	5.4	-0.3	10.0	1,11,28	-2.2	26	-	-	.60	11	.20	14	8	4	2	0	0	0	0	1	4	14	6	3.02	100 S
	Fort William	9 9	27	9.2	2.1	5.7	-	11.7	23	-2.8	5,26	4.8	5.2	.67	-	.55	14	5	3	3	0	0	1	0	0	7	16	3	3.19	- S
	Fort Augustus	9 9	70	8.0	1.9	4.9	-0.4	11.1	1	-2.8	5	-	-	.88	-	.40	24	10	4	2	0	0	0	0	1	7	-	6	2.73	-
	Cannich	9 9	350	7.8	-1.1	3.3	-	12.2	2	-7.2	12	-	-	.66	22	.22	24	12	6	1	1	0	0	0	0	16	24	0	-	-
	Inverness	9 9	13	8.1	1.9	5.0	-	11.7	1,2	-2.2	12	-	-	.87	-	.43	24	7	5	-	0	-	-	-	1	4	23	-	2.62	-
	Coire Cas Shieling	9 9	2500	1.6	-2.4	-0.4	-	10.0	2	-8.3	18,19	-	-	(3.28)	-	-	-	-	-	-	27	1	2	0	14	27	-	7	-	-
	Cairngorm	9 9	3575	(-1.7)	(-4.6)	(-3.1)	-	(8.3)	2	-8.3	18,(19)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-
	Achnagoichan	9 9	1000	6.3	-0.6	2.9	-	11.1	2	-5.0	5	3.0	-	1.51	-	.67	24	10	5	4	-	1	0	0	-	21	27	1	-	-
	Glenmore Lodge	9 9	1120	5.7	-0.7	2.5	-	11.9	2	-3.7	2	-	-	2.21	-	.87	24	14	8	6	5	0	0	0	3	22	31	2	3.40	- S
1 SCOTLAND, E.																														
Nairn	Nairn ¶§	9 9	20	7.9	0.8	4.3	-1.0	12.2	2	-3.9	5	-	-	1.09	76	.60	24	8	8	0	0	0	0	0	0	7	21	0	3.24	89
Moray	Forres	9 9	155	7.1	1.4	4.3	-	12.2	2	-2.2	5	4.2	4.7	1.31	98	.96	24	11	5	1	0	0	0	0	3	15	1	2.95	80
	Kinloss	21-9	15	7.6	1.8	4.7	-	12.2	2	-3.3	5	4.3	-	1.24	-	.87	24	11	4	5	0	0	3	0	0	8	16	1	2.86	-
	Elgin	9 9	92	7.3	1.9	4.6	-	12.8	2	-1.1	5,30	-	-	1.40	-	.66	24	10	7	0	0	0	0	0	0	2	16	0	2.61	-
	Lossiemouth	9 9	21	7.1	1.6	4.3	-0.9	12.2	2	-2.8	2	-	-	.94	-	.45	24	7	3	4	0	0	1	0	0	7	19	0	-	-
	Gordon Castle	9 9	104	6.8	1.7	4.3	-1.0	12.8	2	-1.1	12,30	-	-	1.83	108	.98	24	11	8	2	0	0	0	0	-	3	-	2	2.19	62
Banff	Banff	9 9	80	6.3	2.4	4.3	-	11.7	2	0.0	19	-	-	1.94	-	.67	24	19	10	4	0	1	0	0	0	0	-	3	1.39	-
Aberdeen	Braemar	9 9	1113	4.5	-0.6	1.9	-0.9	12.2	2	-3.9	1,7	-	-	2.22	100	.46	24	22	11	-	7	-	-	-	0	15	-	-	1.25	- S
	Balmoral	9 9	927	4.3	-0.4	1.9	-1.1	12.2	2	-4.4	1	-	-	3.18	155	.77	24	23	16	6	7	0	0	0	-	13	18	0	-	-
	Dinnet	9 9	580	5.6	0.7	3.1	-	12.2	2	-2.8	2,7	3.4	-	2.97	-	1.24	14	19	11	-	6	-	-	-	2	13	17	-	1.15	-
	Huntly	9 9	405	5.6	1.0	3.3	-	12.1	2	-3.1	15	-	-	2.65	-	.81	14	20	10	4	2	0	0	0	0	10	13	0	-	-
	Fyvie Castle	9 9	218	5.9	1.4	3.7	-	10.0	2,8	-2.8	8,30	-	-	3.92	-	1.35	24	17	12	3	0	0	0	0	-	4	-	1	1.34	- S
	Craibstone ¶§	9 9	300	5.1	1.8	3.5	-1.0	9.4	8	-1.7	7	3.9	4.4	4.05	199	1.77	24	19	12	5	4	2	0	0	1	3	8	5	1.05	30
	Dyce	21-9	190	5.7	1.9	3.8	-0.7	9.8	9	-4.9	7	-	-	3.89	183	1.98	24	14	9	7	1	0	2	0	0	6	11	1	.97	-
	Aberdeen	9 9	170	5.8	2.2	4.0	-	9.4	8,9	-2.8	7	-	-	4.34	216	2.62	24	11	8	2	0	2	0	0	0	2	8	0	1.29	39
	Hilton	9 9	230	5.7	2.4	4.1	-	9.4	8,9	-1.7	7	4.1	-	3.88	-	2.43	24	14	10	3	0	0	2	0	2	2	12	3	-	-
	Udny	9 9	352	5.3	1.5	3.4	-	8.9	8	-1.7	7,30	-	-	3.94	-	1.83	24	20	11	1	0	0	2	0	1	5	13	1	1.12	-
	Rattray Head	21-9	85	5.6	2.7	4.1	-0.6	9.0	8	0.1	15	-	-	2.24	134	1.13	24	13	9	5	0	0	2	0	0	0	-	4	1.39	-
Kincardine	Fettercairn	9 9	560	4.7	1.4	3.1	-	8.9	8,9	-2.8	7	-	-	5.09	-	1.73	24	18	11	5	7	0	3	0	2	4	16	3	.84	- S
	Strachan	9 9	400	5.2	0.7	2.9	-	10.6	2	-6.1	7	3.8	-	6.34	-	2.15	14	17	9	7	6	1	0	0	7	7	16	5	-	-
	Stonehaven	9 9	12	6.2	2.7	4.5	-0.7	10.6	8	-2.2	7	-	-	4.03	230	2.10	24	14	8	3	0	0	0	0	1	2	-	3	1.26	39 S
	Muchalls	9 9	210	5.8	2.4	4.1	-	8.9	3,9	0.0	7,20	-	-	2.73	-	1.02	24	13	8	3	0	0	0	0	2	0	10	2	-	-
Angus	Mylnefield	9 9	100	6.1	2.1	4.1	-	9.4	9,26	-3.3	7	4.0	5.1	3.74	-	1.18	14	17	10	4	0	0	0	0	1	3	12	1	1.34	-
	Auchterhouse	9 9	760	4.6	0.1	2.3	-	8.9	26	-4.4	7	3.5	4.2	4.58	-	1.25	14	21	13	11	7	0	4	0	6	12	25	2	1.21	-
	Dundee ¶	9 9	147	6.1	2.3	4.2	-0.9	10.0	26	-1.7	7	4.2	-	3.89	198	1.32	14	17	10	2	0	0	2	0	-	2	13	1	1.19	-
	Glamis Castle	9 9	200	5.9	0.8	3.3	-	9.4	9	-5.6	7	-	-	5.17	-	2.31	14	23	10	5	2	0	0	0	2	6	17	2	-	-
	Whitehillocks	9 9	845	4.6	-0.1	2.3	-	(10.0)	2	-5.0	7	-	-	6.41	-	(1.73)	14	22	12	7	10	3	0	0	5	13	17	1	-	- S
	Buddon Ness	9 9	15	6.4	1.6	4.0	-0.7	10.6	9,26	-7.2	7	-	-	3.17	182	1.20	24	17	10	4	-	0	0	0	0	6	-	2	-	-
	Carnoustie	9 9	29	6.4	2.6	4.5	-	10.0	9	-3.3	7	4.7	-	4.17	230	1.34	24	16	10	3	0	0	1	0	0	1	11	2	1.25	-
	Arbroath §	9 9	95	6.1	2.6	4.3	-0.8	10.0	9	-1.1	7,8	-	-	2.91	182	1.35	24	11	7	3	0	0	0	0	1	2	3	6	1.42	38
	Montrose	9 9	186	5.9	2.3	4.1	-	10.0	9	-2.2	7	-	-	3.92	238	1.73	24	17	7	3	0	2	0	0	1	2	12	0	-	-
Perth	Dall	9 9	720																											
	Strathyre	9 9	425	6.2	0.6	3.4	-	10.6	3	-2.2	9,26	3.5	4.2	4.78	-	1.97	14	13	11	2	2	0	0	1	0	10	21	0	-	-
	Callander	9 9	230																											
	Ardtalnaig	9 9	427																											
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	2.38	-	.46	19	12	8	-	-	-	-	-	-	-	-	-	1.40	-
	Pitlochry	9 9	473																											
	Faskally	9 9	310	6.2	1.4	3.8	-	11.1	26	-1.7	5,30	3.7	4.5	3.04	-	1.47	14	13	8	7	1	2	0	0	1	4	15	0	-	-
	Dunning	9 9	250	6.1	1.2	3.7	-	10.0	26	-3.3	7	-	-	4.17	-	1.23	14	18	12	-	-	-	-	-	0	5	15	-	1.94	-
	Perth	9 9	77	6.5	1.8	4.1	-1.0	10.0	26	-3.9	7	-	-	4.73	248	1.83	14	19	11	3	1	0	0	0	1	3	11	0	1.64	51
	Inveralmond	9 9	26	6.9	1.6	4.3	-	11.1	26	-3.3	7	-	-	3.72	-	1.49	14	17	11	2	1	0	0	0	-	3	13	0	-	-
	Blairgowrie	9 9	230	6.0	1.7	3.9	-	10.0	8	-2.8	7	3.7	-	4.26	-	1.65	14	17	9	3	-	0	0	0	-	2	13	1	1.34	-
	Glenshee Lodge	9 9	1100	4.2	-0.4	1.9	-	10.0	2	-4.4	7	2.2	-	4.88	-	1.22	14	21	12	9	10	0	1	0	3	14	23	4	-	-
Fife	Pitreavie	9 9	130	6.6	1.9	4.3	-	10.6	26	-3.0	7	-	-	2.55	-	.67	24	14	10	4	0	0	1	0	2	3	18	1	-	-
	Ballingry	9 9	425	5.4	1.4	3.4	-	10.0	26	-1.7	1,7	3.7	4.6	2.77	-	.64	14	17	12	3	2	0	0	0	6	6	16	2	1.76	-
	Kirkcaldy	9 9	137	6.6	2.1	4.3	-0.9	10.0	8,26	-2.8	7	-	-	2.45	136	.45	14	14	10	2	0	0	0	0	1	3	14	1	1.68	-
	Cupar	9 9	82	6.4	2.2	4.3	-	9.4	9,26	-5.6	7	4.2	-	3.04	-	.82	24	13	8	2	1	0	0	0	0	3	14	0	-	-
	Leuchars	21-9	35	6.2	2.0	4.1	-1.2	9.7	9	-3.8	7	-	-	3.23	198	1.02	14	12	9	6	0	0	0	0	1	4	12	2	1.58	43
	St. Andrews	9 9	13	6.1	2.3	4.2	-1.0	8.3	8,25,26	-3.9	7	4.7	5.3	3.45	195	1.13	14	15	9	-	0	-	-	-	1	3	9	-	1.50	42

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno	9 9	700	6.1	0.3	3.2	-	10.0	1	-4.4	8	-	-	1.91	-	.65	24	13	11	-	-	-	-	11	12	21	-	2.63	80
	Turnhouse ...	21-9	114	6.7	1.7	4.2	-1.0	10.9	26	-4.4	7	-	-	2.11	135	.65	24	12	11	6	0	0	1	0	1	8	17	0	1.70	-
	Edinburgh—E. Craigs	9 9	200	6.2	1.7	3.9	-	9.4	8	-3.9	7	-	-	1.96	-	.63	24	16	10	3	0	0	0	0	1	7	15	0	1.76	-
	Davidson's Mains	9 9	200	6.3	1.7	4.0	-1.3	10.0	26	-2.8	7	3.7	-	2.09	-	.59	24	15	10	3	0	0	1	0	1	8	17	0	1.83	- S
	Penicuik	9 9	620	5.4	0.5	2.9	-	10.0	23	-4.4	7	3.7	-	2.93	-	.98	14	18	12	4	2	0	1	0	3	12	19	0	1.65	-
	Bush House ...	9 9	605	5.1	0.7	2.9	-	8.9	8,23	-3.9	7	3.2	3.9	2.39	-	.75	14	19	8	4	1	0	0	0	3	12	19	0	1.77	-
	Edinburgh— Blackford Hill ¶§	9 9	441	6.1	1.6	3.9	-1.3	9.4	8,23,27	-1.7	7	-	-	1.75	109	.56	24	14	8	4	0	0	0	0	3	7	19	1	1.93	54
	Liberton ...	9 9	200																											
	Royal Bot. Gdns.	9 9	74	6.6	1.7	4.1	-1.3	10.0	8,26	-3.9	7	4.3	-	1.92	-	.52	24	14	9	3	0	0	0	0	2	6	19	0	1.85	59
E. Lothian	Haddington ...	9 9	162	6.2	1.7	3.9	-	9.4	8,23	-3.3	7	-	-	3.06	-	1.55	14	18	9	4	0	1	0	0	1	6	18	1	1.79	-
	North Berwick ...	9 9	152	6.1	2.1	4.1	-1.3	8.3	8,10,(26)	-2.8	7	-	-	2.17	135	.65	24	16	8	-	0	-	-	-	3	2	-	-	1.43	43
	Dunbar ...	9 9	75	5.8	2.2	4.0	-1.5	8.3	8	-2.8	7	-	-	1.99	-	.71	14	17	9	3	0	0	0	0	2	10	0	1.81	50
Berwick	Mertoun ...	9 9	225	6.1	1.1	3.6	-	10.6	8	-3.3	7	-	-	1.54	-	.50	24	21	10	-	-	-	-	-	6	13	-	1.44	-
	Lauder	9 9	600	5.2	0.4	2.8	-	8.9	8	-3.9	7	-	-	3.20	-	.83	14	24	14	6	4	0	0	0	6	12	16	0	1.47	-
	Marchmont ¶§	9 9	498	5.1	1.2	3.1	-1.6	9.4	8	-1.1	7,17	-	-	2.94	139	.83	24	24	16	4	4	0	0	0	4	8	-	0	1.32	42 S
	Whitchester ...	9 9	838	4.2	0.3	2.3	-	9.4	8	-3.9	7	-	-	3.81	-	.81	24	24	18	7	-	0	0	0	-	12	-	1	-	-
	St. Abb's Head ...	9 9	245	5.0	2.9	3.9	-	7.0	26	0.5	18	-	-	-	-	-	-	-	-	3	0	1	0	0	3	0	1	6	-	-
Peebles	Stanhope Farm	9 9	741	5.9	-0.1	2.9	-	10.0	1	-6.7	7,8	-	-	3.09	-	1.17	14	16	11	7	1	0	0	0	0	15	21	0	-	-
	Blyth Bridge ...	9 9	830	5.1	0.2	2.7	-	8.9	8	-5.0	7	-	-	2.03	-	.55	14	15	10	7	2	0	0	0	2	15	18	2	1.84	-
	West Linton ...	9 9	800	5.2	0.1	2.7	-	9.4	8	-5.6	7	2.8	4.1	2.47	-	.80	14	20	12	4	1	0	0	0	0	15	18	0	-	-
	Glentress ...	9 9	580	5.4	0.6	3.0	-	10.0	8	-5.0	7	-	-	2.79	-	1.13	14	16	11	7	2	0	0	0	0	11	-	0	-	-
Selkirk	Bowhill ...	9 9	600	5.5	0.6	3.1	-	9.4	8,26	-4.4	7	-	-	2.43	-	.47	24	18	12	7	4	0	0	0	5	12	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	5.4	0.2	2.8	-	9.4	23	-5.6	7	-	-	2.64	-	.54	15	19	12	-	2	-	-	-	0	14	-	-	-	-
	Sourhope ...	9 9	900	4.3	0.4	2.3	-	8.3	8	-2.8	7	-	-	3.82	-	1.03	24	23	15	-	5	-	-	-	2	11	20	-	1.68	-
6a SCOTLAND, W.																														
Argyll	Tiree ... ¶§	21-9	29	7.7	3.8	5.7	-0.6	9.2	2	0.4	3	-	-	.94	36	.46	23	10	6	3	0	0	1	0	0	0	5	9	2.29	61
	Rhuvaal	21-9	65	7.5	3.9	5.7	-	9.6	22	1.3	19	-	-	2.26	-	1.11	14	12	7	3	0	0	0	0	0	0	2	9	-	-
	Colonsay ...	9 9	87	7.8	2.9	5.3	-0.8	10.6	9,26	-1.7	3	-	-	1.72	55	.50	23	14	10	3	-	2	0	0	0	3	-	5	-	-
	Tobermory ...	9 9	270	7.4	2.7	5.1	-	10.0	2	0.0	26	-	-	1.55	-	.57	23	6	6	-	-	-	-	-	-	0	5	-	-	-
	Craighouse ...	9 9	10	7.9	3.7	5.8	-	11.7	26	1.7	5,17,20	-	-	2.41	-	.92	23	13	8	-	0	-	-	-	0	0	3	-	-	-
	Campbeltown ...	9 9	10	7.6	3.1	5.3	-	11.1	8	-0.6	12	-	-	2.97	-	1.20	19	14	10	3	0	0	0	0	16	1	-	1	2.52	-
	Achaglachgach ...	9 9	40	8.1	2.1	5.1	-	11.7	9	-2.2	8	-	-	3.06	-	.83	19	12	10	3	0	0	0	0	0	3	14	0	-	-
	Oban	9 9	229	7.6	2.2	4.9	-0.8	11.1	9	0.0	5,19,20	-	-	.69	22	.31	14	6	5	2	0	0	0	0	0	0	14	4	2.39	72
	Lephinmore ...	9 9	30	7.6	2.6	5.1	-	10.6	9,26	0.0	5,18,26	-	-	2.05	-	.84	14	10	8	2	0	0	0	0	2	1	18	1	2.32	- S
	Glenbranter ...	9 9	120	7.1	1.6	4.3	-0.9	11.7	9,26	-2.8	8	-	-	3.35	55	1.05	14	12	9	-	1	-	-	-	0	8	17	-	-	-
	Benmore Forestry Sch.	9 9	46	7.3	1.3	4.3	-1.2	13.3	9	-2.2	27	4.3	4.8	5.16	85	1.34	14	12	9	4	1	0	0	0	0	8	16	0	-	-
	Younger Bot. Gdns.	9 9	40	7.2	2.1	4.7	-	11.7	9	-1.1	8,26,27	-	-	5.07	-	1.37	14	12	9	3	1	1	0	0	0	4	12	0	-	-
Bute	Rothesay ¶§	9 9	150	7.2	2.8	5.0	-0.7	10.6	8	0.0	17,18	4.7	5.2	2.69	81	.61	20	13	10	2	0	0	0	0	0	0	6	0	2.11	67
	Millport ...	9 9	16	7.4	3.4	5.4	-	10.6	9	0.6	20	-	-	2.39	86	.73	19	10	6	4	0	0	0	0	0	0	-	6	-	-
Dunbarton	Helensburgh ...	9 9	293	6.3	1.4	3.9	-1.2	11.1	26	-1.1	7,17	-	-	2.66	73	.86	19	13	10	2	1	0	0	0	2	7	-	0	-	-
	Cumbernauld ...	9 9	310	6.2	0.9	3.5	-	11.1	26	-4.4	7	-	-	2.22	-	.72	19	13	7	2	2	0	0	0	5	10	17	4	-	-
Stirling	Earls Hill ...	9 9	1100	3.9	-0.2	1.9	-	8.2	26	-4.4	7	-	-	3.01	-	.63	19	18	11	-	-	-	-	-	11	16	9	-	1.74	-
	Stirling	9 9	151	6.6	2.0	4.3	-1.3	12.2	26	-1.7	1,7	4.4	5.5	2.46	107	.51	19	12	8	2	1	0	0	0	3	2	16	0	1.78	-
	Falkirk	9 9	100	7.2	1.3	4.3	-1.1	11.7	8	(-5.0)	7	-	-	2.09	-	(.65)	24	13	8	-	-	-	-	-	-	7	-	-	-	-
Renfrew	Greenock ...	9 9	200	6.8	2.4	4.6	-1.2	10.6	8,26	-1.1	17	-	-	3.04	75	.75	14	12	9	4	1	0	0	0	1	4	18	0	2.13	-
	Paisley	9 9	106	7.4	2.2	4.8	-1.2	11.7	8,26	-1.7	7	5.0	5.7	2.18	78	.88	19	11	8	3	1	0	1	0	4	3	16	0	1.86	67
	Barrhead ...	9 9	97	7.1	1.3	4.2	-	10.6	8,26	-5.0	7	-	-	1.91	-	.73	19	12	8	2	1	0	0	0	1	7	14	0	-	-
	Renfrew ¶§	21-9	26	7.7	1.8	4.7	-0.9	11.0	8	-4.3	7	-	-	1.91	76	.68	19	12	7	5	1	0	0	0	2	6	15	0	1.93	66
Lanark	Crossmyloof ...	9 9	75	7.4	1.8	4.6	-	11.1	25,26	-3.9	7	-	-	1.88	-	.70	19	14	8	2	1	0	0	0	1	4	14	0	1.78	-
	Thorntonhall ...	9 9	453	6.5	0.9	3.7	-	10.0	26,27	-4.4	7	-	-	1.79	-	.61	19	14	10	1	1	0	0	0	-	14	19	0	-	-
	Glasgow, Springburn	9 9	351	6.4	1.2	3.8	-1.2	9.4	8,11,27	-2.8	7	-	-	2.09	85	.78	19	13	7	3	1	0	0	0	2	7	15	0	2.07	79
	Coatbridge ...	9 9	256	7.1	1.2	4.1	-	11.1	26	-5.0	7	-	-	1.58	-	.45	23	11	5	3	1	0	0	0	0	7	-	0	-	-
	Happendon Station	21-9	675	5.9	-0.6	2.7	-	9.0	23	-8.3	7	3.0	-	1.18	-	.33	24	18	8	4	1	0	1	0	0	18	21	1	2.12	-
	Lowther Hill ...	21-9	2377	1.0	-2.9	-0.9	-	4.5	26	-7.2	17	-	-	-	-	-	-	-	-	10	-	0	3	0	19	28	-	6	1.17	-
	Leadhills ...	9 9	1270	4.7	-0.9	1.9	-	7.8	11,23,26	-7.8	7	-	-	3.00	-	.91	14	13	11	8	3	0	0	0	0	17	21	0	-	-
	Carnwath ...	9 9	706	5.9	0.2	3.1	-	10.6	26	-4.4	8	-	-	1.57	-	.45	24	13	8	5	0	0	0	0	3	15	-	0	-	-
	Camps Reservoir	9 9	969	5.2	-0.6	2.3	-	9.4	23	-7.2	7	-	-	1.97	-	.47	14	15	9	4	1	0	0	0	4	16	-	0	1.95	-
Ayr	Turnberry ...	9 9	25	8.4	2.1	5.3	-0.8	11.1	1,11,23	-2.2	7	-	-	.96	-	.20	24	11	7	3	0	0	0	0	0	4	-	0	2.66	-
	Largs	9 9	20	7.8	2.5	5.1	-1.1	10.6	9	0.0	17,19,26	-	-	3.67	-	1.05	12	11	8	4	4	0	0	0	0	0	8	0	2.46	-
	Barr	9 9	400	7.8	-0.1	3.9	-	10.6	3,11,27	-7.2	7	-	-	2.14	-	.47	14	11	8	2	1	0	0	0	0	16	-	1	-	-
	Auchincruive ...	9 9	147	7.6	1.4	4.5	-1.3	10.0	23,24	-4.4	7	4.7	5.6	.72	30	.29	23	7	4	4	0	0	1	0	0	10	19	0	2.52	75
	Prestwick Airport	21-9	51	7.9	1.2	4.5	-	10.4	9,11	-5.0	7	-	-	.92	41	.38	23	7	4	7	0	0	2	0	0	13	17	1	2.50	-
	Kilmarnock ...	9 9	115	7.7	1.8	4.7	-1.0	10.6	23	-3.9	7	4.6	5.8	1.24	-	.39	23	11	6	2	0	0	0	0	0	5	17	0	2.02	61
Dumfries	Dalmacallan ...	9 9	480	5.6	0.5	3.1	-	9.4	26	-5.6	7	-	-	3.41	-	.71	20	14	12	1	1	0	0	0	0	13	19	0	-	-
	Dumfries ¶§	9 9	140	6.4	1.4	3.9	-1.4	10.0	26	-2.2	7	4.7	5.4	3.19	116	.86	19	14	9	2	-	0	0	0	1	6	15	0	1.74	54
	Eskdalemuir Obs'y. ¶§	21-9	794	5.2	0.2	2.7	-1.1	9.4	26	-4.2	7	4.3	4.9	3.14	79	.96	19	17	10	10	2	1	2	0	1	17	18	0	1.91	63
Kirkcudbright	Bargrennan ...	9 9	360	7.3	0.8	4.1	-	11.1	26	-5.6	7	-	-	3.57	-	.97	19	13	8	5	1	0	1	0	0	11	19	0	-	-
	Palnure	9 9	50	7.3	0.7	4.0	-	10.6	26	-3.9	7	-	-	4.28	-	1.00	19	12	10	3	3	0	0	0	0	14	17	1	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	4.26	-	1.01	19	17	10	-	-	-	-	-	-	-	-	-	1.93	-
	Glenlee	9 9	181	7.1	0.3	3.7	-1.4	10.6	26	-6.1	7	-	-	3.62	-	.98	19	13	9	4	2	0	0	0	0	13	16	0	-	-
	Dundeugh ...	9 9	390	6.3	-0.4	2.9	-	10.6	26	-8.3	7	4.2	-	2.29	-	.49	19	13	9	4	2	0	0	0	0	17	-	2	-	-
	Glenlochar Barrage	9 9	154	6.6	1.2	3.9	-	11.1	26	-3.3	7,8	-	-	4.15	-	1.15	23	12	9	-	2	-	-	-	0	10	-	-	-	-
	Threave ...	9 9	240	6.6	0.4	3.5	-	10.6	26	-6.1	7	-	-	3.77	-	.90	19	10	10	4	1	0	0	0	2	12	19	0	-	-
	Castle Douglas ...	9 9	196	6.5	-	-	-	10.0	26	-	-	4.4	-	3.29	-	.71	19	11	9	-	0	-	-	-	1	-	19	-	1.97	-
Wigtown	West Freugh ...	21-9	50	7.5	1.7	4.6	-	10.6	9	-5.5	7	-	-	3.54	145	.73	19	14	10	-	-	-	-	-	-	6	-	-	2.07	-
	Penwhirn ...	9 9	546	6.0	0.7	3.3	-	8.9	10,12	-5.6	7	-	-	4.86	-	.98	23	14	11	2	5	0	0	0	4	11	17	0	1.78	-
	Mull of Galloway	21-9	257	6.4	3.2	4.8	-	10.0	5	0.6	17	-	-	-	-	-	-	-	-	2	0	0	0	0	3	0	-	5	-	-
6b ISLE OF MAN																														
Isle of Man	Ronaldsway ...	21-9	55	7.0	3.0	5.0	-	9.7	20	-1.2	5	-	-	2.92	135	.66	24	13	11	3	0	0	1	0	0	4	8	8	2.22	-
	Douglas	9 9	284	6.5	2.9	4.7	-1.2	8.9	22,26	0.0	7,17	-	-	3.31	114	.82	19	16	10	4	1	0	0	0	3	0	8	3	2.06	53
	Point of Ayre ...	21-9	30	7.0	3.4	5.2	-	9.8	26	-2.0	17	-	-	-	-	-	-	-	-	5	0	0	2	0	0	3	-	6	2.52	-
2 ENGLAND, N.E.																														
Northumberland	Kielder Castle ...	9 9	660	4.7	-0.1	2.3	-	8.3	26	-7.2	7	3.4	-	3.17	102	1.19	14	20	11	4	3	0	0	0	3	17	21	0	-	-
	Bellingham ...	9 9	849																											

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270																											
	Corbridge ...	9 9	160	5.7	0.8	3.3	-	9.4	23,26	-3.9	11	-	-	3.32	-	1.15	14	17	14	5	0	0	0	0	7	13	14	0	-	-
	Berwick-on-Tweed	9 9	76	5.3	2.6	3.9	-1.3	8.3	8	0.6	3,20	-	-	2.76	183	.97	24	23	11	3	0	1	1	0	2	0	3	2	1.12	31
	Cockle Park ¶§	9 9	326	5.0	1.4	3.2	-1.5	8.9	11	-2.2	11	3.8	-	3.78	208	1.02	14	24	18	5	0	0	2	0	1	6	14	0	.98	29
	Acklington ...	21-9	138	5.2	2.1	3.7	-	8.0	26	-1.8	6	-	-	2.91	-	.78	14	19	13	8	0	2	0	0	3	6	9	1	1.00	-
	Tynemouth ...	21-9	95	4.8	2.9	3.9	-1.8	7.1	25	0.5	11	-	-	3.15	205	1.02	14	17	12	8	0	0	0	0	2	0	4	5	.96	30
Durham	Chopwellwood ...	9 9	446	4.9	1.1	3.0	-2.0	8.9	23	-2.8	11	-	-	3.71	204	1.14	14	18	14	7	6	0	0	0	6	8	15	0	-	-
	Ushaw College ...	9 9	594	4.5	0.8	2.7	-2.2	8.3	23	-3.3	11	-	-	4.14	212	1.20	14	21	16	8	7	0	0	0	19	10	-	0	-	-
	Houghall ...	9 9	123	5.8	1.2	3.5	-1.6	10.0	23	-3.3	11	-	-	3.99	235	1.30	14	23	15	5	0	0	2	0	5	5	15	0	.95	30
	Durham ¶§	9 9	336	5.2	0.8	3.0	-2.1	8.3	23	-3.3	11	3.9	5.0	3.65	223	1.09	14	23	15	-	4	-	-	-	-	10	14	-	1.07	33
	Gateshead ...	9 9	509	4.6	1.6	3.1	-	8.3	23	-1.1	17	-	-	3.65	-	1.21	14	22	14	-	2	-	-	-	6	8	14	-	.98	-
	Middleton St. George	21-9	115	5.7	1.9	3.8	-	9.4	23	-4.0	11	-	-	2.17	-	.64	24	20	12	8	0	0	2	0	2	7	15	0	.94	-
	West Hartlepool	9 9	30	5.6	2.7	4.1	-	8.3	10,25	-1.1	11	-	-	2.73	-	.82	24	17	12	4	0	0	0	0	3	2	5	1	1.14	-
Yorks., N. Riding	Dishforth ...	21-9	105	5.7	1.8	3.7	-	10.0	23,25	-4.2	11	-	-	3.45	230	1.12	14	20	8	8	2	1	2	0	3	7	11	0	1.26	-
	Thirsk	9 9	111	5.5	1.5	3.5	-	9.4	23	-3.9	11	-	-	3.13	-	1.03	14	13	9	7	0	0	0	0	3	7	16	0	-	-
	York ... ¶§	9 9	57	6.1	2.1	4.1	-1.9	10.0	23	-1.7	8,11	4.6	5.4	3.50	245	1.24	14	18	13	4	1	0	0	0	2	4	-	0	1.55	49
	Ampleforth ...	9 9	313	4.9	1.3	3.1	-2.0	8.9	25	-4.4	11	-	-	4.08	223	1.47	14	18	13	8	-	0	0	0	4	10	15	0	-	-
	Redcar	9 9	25	5.6	2.5	4.1	-	8.9	20	-2.2	11	-	-	2.16	159	.69	24	18	11	-	-	-	-	-	0	1	-	-	1.18	-
	Pickering ...	9 9	143	5.3	1.6	3.5	-	8.9	10,23	-4.4	11	-	-	2.66	-	.96	14	21	11	7	2	0	0	0	2	8	12	0	-	-
	Whitby	9 9	135	5.2	2.2	3.7	-	7.8	10,11	-2.2	11	-	-	2.18	134	.55	14	19	13	6	2	0	0	0	0	5	-	0	1.23	33
	Scarborough ¶§	9 9	118	5.1	2.4	3.7	-2.4	7.2	5,10	0.0	15	4.7	6.1	2.19	144	.88	14	16	14	4	0	1	0	0	3	0	7	1	1.25	37
	Silpho Moor ...	9 9	665	4.1	0.3	3.2	-	7.8	10	-4.4	11	3.1	-	4.05	-	1.17	14	24	17	5	6	0	1	0	7	15	22	0	1.21	-
	Whitby C/Guard	21-9	200	4.6	2.0	3.3	-	7.0	10	-2.5	11	-	-	3.03	-	1.66	14	16	10	3	2	1	0	0	1	4	9	9	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	3.9	0.7	2.3		7.8	20	-2.2	11	3.0	-	4.07	179	1.87	14	21	15	5	4	0	1	0	8	12	16	0	-	-
	Hull	9 9	8	5.7	1.9	3.8	-2.2	10.0	24	-3.9	8	4.1	5.2	3.78	254	1.55	14	18	15	3	0	0	0	0	4	6	12	0	1.37	44
	Leconfield ...	21-9	24	5.3	1.6	3.5	-	9.6	24	-3.3	11	-	-	3.57	-	1.61	14	19	13	9	2	0	5	0	4	9	11	0	1.22	-
	Filey	9 9	122	4.8	2.2	3.5	-	7.8	10,24	-2.8	11	-	-	2.67	-	1.15	14	15	10	6	2	0	0	0	2	1	8	0	1.45	-
	Bridlington ...	9 9	157	4.6	1.7	3.1	-	7.8	25	-2.2	11	-	-	3.22	-	1.25	14	18	10	7	2	4	0	0	3	8	14	4	1.48	-
	Spurn Head ...	21-9	29	4.8	2.1	3.5	-2.1	8.0	24,25	-0.3	15	-	-	1.69	-	.50	14	14	8	5	0	0	0	0	4	2	-	3	1.50	41
Lincoln	Gainsborough ...	9 9	110																											
	Navenby ...	9 9	60	6.1	1.3	3.7	-	12.2	20	-4.4	9	-	-	3.22	-	1.21	14	18	10	6	2	0	0	0	1	12	16	1	-	-
	Waddington ...	21-9	224	5.7	1.1	3.4	-2.2	11.9	20	-3.9	8	-	-	3.12	-	1.24	14	14	10	9	2	0	6	0	4	12	15	0	1.91	-
	Lincoln	9 9	22	6.4	1.6	4.0	-	12.2	20	-5.0	8	4.3	4.7	3.12	-	1.25	14	22	11	2	2	0	0	0	3	7	14	0	1.90	-
	Cranwell ¶§	9 9	205	5.9	0.8	3.3	-2.2	11.9	20	-3.4	11	4.1	4.8	3.30	228	1.36	14	15	10	8	1	0	3	0	7	12	16	0	1.75	48
	Binbrook ...	21-9	353	4.6	1.2	2.9	-	10.4	24	-1.9	8	-	-	3.39	-	1.23	14	17	12	8	2	0	7	0	7	9	11	0	-	-
	Cleethorpes ...	9 9	23	5.1	1.9	3.5	-2.2	10.0	24,25	-2.2	11	-	-	2.97	201	1.20	14	18	10	4	0	0	0	0	3	1	7	0	1.62	44
	Manby	21-9	55	5.4	1.6	3.5	-	10.8	24	-5.1	11	-	-	3.24	-	1.23	14	18	12	7	2	0	7	0	3	6	11	0	1.59	-
	Skegness ...	9 9	15	5.7	1.7	3.7	-1.8	14.4	25	-0.6	16,18	-	-	3.36	256	1.50	14	13	10	2	1	0	0	0	3	5	10	0	1.47	39
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	6.2	1.7	3.9	-	12.2	20	-2.2	11	4.4	-	2.79	236	1.40	14	15	9	3	0	0	0	0	1	10	10	0	1.76	-
	Marham ...	21-9	76	6.3	1.7	4.0	-	12.2	20	-1.6	18	-	-	2.59	-	1.26	14	12	10	6	0	0	1	0	1	10	10	0	-	-
	Santon Downham	9 9	80	6.6	0.8	3.7	-	12.8	20	-4.4	11	4.4	5.0	2.57	-	1.10	14	16	11	-	1	-	-	-	0	13	14	-	1.74	-
	West Raynham ...	21-9	250	5.4	1.2	3.3	-	11.6	20	-3.2	11	-	-	2.81	-	1.11	14	18	10	7	0	0	4	0	1	12	14	0	1.79	-
	Cromer	9 9	178	4.8	1.2	3.0	-2.8	10.0	20	-2.2	8	-	-	3.20	204	1.02	14	19	10	-	2	-	-	-	0	4	12	-		
	Sprowston ¶§	9 9	93	5.2	1.2	3.2	-2.5	10.6	20,24	-5.0	11	4.4	-	3.39	220	1.26	14	14	11	4	1	0	2	0	4	10	13	0	1.80	45
	Coltishall ...	21-9	55	5.5	1.5	3.5	-	11.0	20	-4.5	11	-	-	2.79	-	1.06	14	17	9	6	1	0	3	0	3	10	14	0	-	-
	Burlingham ...	9 9	89	5.4	1.5	3.5	-	10.6	20,21	-2.2	11	-	-	3.22	224	1.32	14	16	9	4	2	0	3	0	1	9	14	0	1.92	-
	Gorleston ¶§	21-9	12	4.7	1.9	3.3	-2.3	9.0	25	-0.6	7	4.7	5.9	2.38	176	.84	14	16	12	7	0	0	0	0	5	5	12	2	1.59	40
Suffolk	Mildenhall	21-9	15	6.7	2.0	4.3	-	13.1	20	-2.9	9	-	-	2.47	198	1.33	14	13	7	6	1	0	1	0	0	10	12	0	1.89	47
	East Bergholt ...	9 9	14	6.3	1.7	4.0	-	12.2	20,22,24	-5.0	10	-	-	2.61	-	1.45	14	17	7	5	1	0	0	0	0	7	-	0	-	-
	Wattisham ...	21-9	292	5.5	1.3	3.4	-	11.4	24	-2.9	9	-	-	2.54	-	1.63	14	15	6	9	0	0	4	0	4	10	12	0	-	-
	Aldeburgh ...	21-9	15	4.8	2.4	3.6	-	10.2	22	-0.8	10									6	-	0	4	0	1	3	-	2	-	-
	Lowestoft ...	9 9	82	5.0	1.4	3.2	-2.2	8.9	21,25	-1.1	6,11,18	4.3	5.0	2.18	165	.59	14	15	13	5	1	0	0	0	5	12	14	0	1.99	48
Cambridge	Boxworth ...	9 9	157	6.4	1.1	3.7	-	12.2	20	-4.4	11	-	-	3.09	238	1.38	14	16	9	6	1	0	0	0	2	10	14	0	1.72	-
	Cambridge Bot. Gdn. ¶	9 9	41	6.8	1.6	4.2	-1.9	12.8	20,24	-3.3	10	5.1	5.7	2.92	225	1.25	14	15	9	5	1	0	0	0	0	9	18	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	6.7	1.4	4.1	-	12.8	20,24	-3.9	9	-	-	2.99	228	1.23	14	14	9	3	0	1	4	0	1	10	17	0	1.69	45
Huntingdon	Monkswood ...	9 9	103	6.6	0.3	3.5	-	12.8	20,24	-6.1	11	4.3	-	3.58	-	1.75	14	14	11	5	2	1	0	0	0	15	15	0	-	-
	Wyton	21-9	129	6.6	1.1	3.9	-	12.6	20	-4.0	9	-	-	3.16	-	1.55	14	13	9	7	1	0	3	0	1	11	13	0	-	-
Bedford	Woburn	9 9	291	6.3	1.2	3.7	-1.8	13.3	13	-5.0	11	4.6	5.5	3.19	202	1.00	14	14	11	6	4	0	0	0	4	10	16	0	1.85	48
	Luton	9 9	379	5.6	0.6	3.1	-2.6	13.3	13	-3.9	7,9	4.2	5.3	2.61	165	.74	14	13	11	-	3	-	-	-	6	15	16	-	2.17	60
	Silsoe	9 9	195	6.4	1.1	3.7	-	14.4	13	-4.4	11	4.7	5.7	2.31	166	.80	14	15	9	6	1	0	1	0	1	11	16	1	1.80	-
	Cardington ...	21-9	93	7.1	1.4	4.3	-	14.2	13	-3.4	12	4.5	5.3	2.59	197	.88	14	13	8	8	2	0	2	0	1	11	14	0	1.67	-
	Letchworth ...	9 9	209	6.9	1.5	4.2	-	13.3	13,20	-4.4	9	-	-	2.17	-	.82	14	14	10	-	-	-	-	-	-	10	12	-	-	-
Hertford	Bovingdon ...	21-9	516	6.3	1.3	3.8	-	13.3	13	-3.1	7	-	-	4.17	-	1.49	14	12	9	9	3	0	4	0	4	13	15	0	-	-
	Garston ...	9 9	256	6.9	1.7	4.3	-	14.4	13	-2.8	9,11	-	-	3.35	-	1.19	14	12	10	9	2	0	1	1	2	9	16	0	2.24	-
	Rothamsted ¶§	9 9	420	6.2	0.8	3.5	-1.9	14.4	13	-3.3	7,9	4.4	5.3	3.27	195	.99	14	14	11	8	2	0	1	0	2	12	17	0	2.00	52
	St. Albans ...	9 9	272	6.6	1.3	3.9	-1.8	13.9	13	-2.8	7,9,16	4.8	-	3.23	207	.99	14	15	11	1	1	0	0	0	0	10	14	0	-	-
	Stanstead Abbotts	9 9	97	7.1	1.9	4.5	-	12.8	8,20,24	-3.3	10	5.3	6.1	2.96	-	1.13	14	13	9	-	1	-	-	-	-	8	14	-	-	-
	Hoddesdon ...	9 9	153	6.6	1.9	4.3	-	13.3	20	-2.2	9,10	4.7	-	3.02	-	1.22	14	13	9	6	1	0	0	1	-	8	14	0	1.98	-
	Eastwick Lodge	9 9	137	7.2	1.6	4.4	-	13.9	20	-4.4	9	-	-	2.91	201	1.25	14	16	10	-	1	-	-	-	0	9	-	-	-	-
Essex	Stansted ...	9 9	331	6.1	1.3	3.7	-	12.8	20	-3.2	10	-	-	2.84	-	1.37	14	14	7	8	1	0	1	1	0	13	13	0	-	-
	Writtle	9 9	105	6.7	1.7	4.2	-	13.3	20	-3.9	10	4.8	-	2.40	168	1.20	14	13	7	5	2	0	0	0	0	7	15	0	1.76	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90	6.7	2.1	4.4	-	14.4	21	-3.3	9	-	-	3.50	267	1.82	14	15	11	7	0	0	0	1	0	5	9	0	2.30	56
	Maldon	9 9	14	6.1	1.8	3.9	-	11.7	20,21,24	-3.3	10	-	-	2.99	-	1.69	14	17	7	7	-	0	0	0	1	5	-	0		
	Earls Colne ...	9 9	160							-3.9	10	4.7	5.5							-	1	-	-	-	2	10	17	-	-	-
	Shoeburyness ¶§	21-9	7	6.2	2.4	4.3	-1.8	12.2	21	-2.0	9	-	-	3.36	267	1.92	14	13	10	6	0	0	3	1	2	6	11	0	2.04	50
	Clacton-on-Sea ...	9 9	53	5.3			-	10.0	22			5.1	5.8							4	0	0	0	0	2	2	8	0	1.99	47
	Walton-on-Naze	21-9	15	5.3	2.4	3.9	-	10.0	24,25	-1.0	10	-	-	2.96	-	1.50	14	13	9	8	0	1	1	0	4	3	7	0	2.01	-
	Dovercourt ...	9 9	11	5.8	1.9	3.9	-2.0	11.1	22,24	-5.6	10	-	-	3.50	-	2.11	14	13	12	0	-	0	0	0	4	5	12	0	-	-
4	MIDLAND COUNTIES																													
Yorks., W. Riding	Slaidburn ...	9 9	629	5.2	0.5	2.9	-	10.6	23	-1.7	6,11,18	-	-	3.63	-	.94	14	15	9	7	5	0	2	0	2	14	15	0	1.31	-
	Malham Tarn ...	9 9	1297	3.5	-0.6	1.5	-	8.3	25	-5.0	17	3.0	-	4.53	129	1.19	24	17	12	12	8	0	1	0	5	20	20	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in (0·2mm.) or more	·04in (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding— cont.	Huddersfield §	9 9	325	5.6	1.1	3.3	-1.9	10.6	23,26	-3.9	11	3.9	4.8	3.93	-	1.18	14	17	13	-	7	-	-	-	3	9	11	-	1.36	56
	" Oakes	21-9	761	4.3	0.6	2.5	-2.4	9.5	23	-3.2	11	3.4	4.6	4.33	173	1.31	14	22	15	8	6	0	2	0	13	13	19	0	1.29	44
	Bradford ¶	9 9	439	4.9	1.2	3.1	-1.9	9.4	23	-2.2	11	-	-	4.47	211	1.35	14	20	14	5	6	1	3	0	4	9	15	0	-	-
	Ilkley	9 9	315	5.6	1.2	3.4	-1.7	11.1	23	-4.4	11	-	-	4.12	175	1.33	14	14	12	5	5	0	0	0	4	11	-	0	1.07	35
	Sheffield ...	9 9	429	5.5	1.2	3.3	-2.4	10.6	20	-2.8	11	4.2	4.9	4.81	242	1.30	15	20	15	4	6	0	0	0	-	8	14	0	1.50	53
	Wakefield ...	9 9	121	5.9	1.5	3.7	-2.1	11.1	20	-3.9	11	4.2	5.2	3.59	210	1.14	14	16	9	7	3	0	0	0	5	7	16	0	-	-
	Pontefract ...	9 9	255	5.6	1.1	3.3	-2.1	10.0	20	-2.8	11	-	-	4.31	312	1.05	14	19	10	4	4	0	0	0	9	9	12	0	-	-
	Bramham ...	9 9	177	5.4	1.2	3.3	-	9.4	20,23,25	-4.4	11	-	-	4.23	229	1.31	14	18	16	8	2	0	0	0	4	11	17	0	1.53	-
	Cawood	9 9	20	6.1	1.4	3.7	-	10.0	23	-3.9	8,11	3.9	4.8	3.51	244	1.20	14	15	8	3	1	1	0	0	1	12	16	0	1.64	-
	Askham Bryan ...	9 9	110	5.6	1.2	3.4	-	9.4	23	-2.8	11	-	-	3.38	222	1.22	14	17	15	2	2	0	0	0	4	10	16	0	1.53	48
Derby	Buxton	9 9	1007	4.0	-0.5	1.7	-2.3	8.9	24	-3.9	1,11	2.9	3.8	4.52	157	1.08	14	18	15	8	6	0	0	0	9	21	22	0	-	-
	Chapel en le Frith	9 9	732	5.7	0.2	2.9	-	12.2	20	-2.8	17,19	-	-	3.90	-	.86	24	16	12	4	7	0	1	0	1	14	19	0	-	-
	Mackworth ...	9 9	293					11.1	20,25	-3.3	8	-	-	3.58	-	1.29	14	17	9	4	4	0	0	0	2		11	0	-	-
	Belper	9 9	203	6.7	1.0	3.9	-1.7	11.7	24	-6.1	5	-	-	4.45	246	1.70	14	14	10	5	4	0	0	0	-	12	-	0	-	-
	Derby	9 9	159	6.5	1.6	4.1	-	11.7	20,24	-3.3	8	-	-	3.56	-	1.30	14	17	10	4	2	0	0	0	3	10	14	0	1.73	-
	Morley	9 9	350	5.7	1.5	3.6	-	11.1	24	-3.9	8	-	-	4.14	193	1.29	14	17	9	3	4	0	0	0	-	11	19	0	1.78	- S
	Chesterfield ...	9 9	298	6.0				11.7	24	-5.0	11									6	5	0	0	0	10	13	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	6.5	0.9	3.7	-1.9	12.8	24	-4.4	11,16,17	4.5	5.3	2.67	188	1.03	14	15	9	4	2	0	1	0	1	11	24	0	1.61	49
	Watnall	21-9	385	5.7	1.1	3.4	-	12.3	20	-4.2	8	-	-	4.50	262	1.71	14	15	12	7	5	5	0	0	8	12	13	0	1.55	47
	Nottingham Training College ...	9 9	169	6.3	1.3	3.8	-	12.2	20	-3.3	8	-	-	3.42	-	1.04	14	10	9	-	-	-	-	-	9	10	15	-	-	-
	Mansfield ...	9 9	362	5.4	1.0	3.2	-2.4	10.6	24	-3.9	8,11	4.1	-	4.65	264	1.55	14	18	14	6	5	0	0	0	10	9	15	0	-	-
	Nottingham ¶§	9 9	192	6.4	1.4	3.9	-2.1	12.2	20	-1.1	8,19	3.9	4.3	3.07	209	1.00	14	12	9	3	3	0	0	0	4	10	21	0	1.60	54
	Warsop	9 9	150	(5.9)	1.2	(3.5)	-	11.7	20	-6.7	11	-	-	3.04	205	.66	14	17	12	4	4	0	0	0	3	10	13	0	1.57	-
	Finningley ...	21-9	34	6.4	1.9	4.1	-1.7	12.3	20	-2.9	8	-	-	3.22	-	1.03	14	18	11	6	2	0	2	0	3	7	12	0	1.71	- S
Leicester	Newtown Linford	9 9	392	5.8	0.9	3.3	-	11.7	20,24	-3.3	11	-	-	3.12	-	1.02	14	16	12	4	4	0	1	0	4	11	16	0	1.67	-
	Caldecott ...	9 9	175	6.8	1.1	3.9	-	12.8	20	-3.9	11,16	-	-	3.23	-	1.10	14	14	11	-	3	-	-	-	3	14	13	-	1.62	-
Northampton	Bugbrooke Mills	9 9	228	7.0	0.6	3.8	-	13.9	13,23	-7.6	20	4.6	5.6	3.04	-	.95	14	14	9	3	2	0	0	0	8		-	0	1.85	-
	Raunds	9 9	193	6.4	1.1	3.7	-	12.8	20,24	-5.0	11	4.7	5.6	3.20	222	1.17	14	15	9	6	3	0	0	0	3	11	14	0	1.76	- S
	Wittering ...	21-9	212	6.1	1.5	3.8	-	12.4	24	-2.7	11	-	-	3.48	-	1.65	14	14	9	9	3	0	6	0	5	10	16	0	1.84	-
Warwick	Birmingham K.E.S.*	9 9	450	5.9	1.4	3.7	-	11.7	13	-2.2	16	-	-	3.32	-	.90	14	15	11	6	3	0	2	0	3	9	-	0	-	-
	Edgbaston ¶§	21-9	536	5.8	1.5	3.7	-2.2	11.8	13	-2.7	8	5.0	6.4	3.76	201	1.04	14	16	11	10	5	0	0	0	6	11	18	0	1.66	53
	Luddington ...	9 9	138	7.2	1.2	4.2	-	14.4	13	-3.3	11,16	-	-	2.54	176	.59	14	14	11	10	2	0	1	0	3	11	16	0	2.20	-
	Stratford on Avon	9 9	160	7.0	0.8	3.9	-	12.8	20	-4.4	16	4.9	-	2.82	175	.71	14	11	9	4	1	0	0	0	2	10	15	0	1.96	-
	Elmdon	21-9	319	6.4	1.0	3.7	-	12.4	13	-5.5	11	-	-	3.37	199	.90	14	15	10	10	3	0	2	0	2	13	16	1	1.82	-
	Shipston on Stour	9 9	365	6.5	0.8	3.7	-	13.9	13	-3.3	16	4.6	-	3.28	-	.80	14	18	12	7	2	0	0	0	6	12	23	-	1.95	-
	Wellesbourne ...	9 9	153	6.9	0.9	3.9	-	14.4	13	-4.4	16	-	-	2.54	161	.78	14	12	8	7	-	0	0	0	-	9	-	0	1.87	-
	Moreton Morrell	9 9	280	6.5	0.9	3.7	-	13.3	13	-5.0	16,17	-	-	2.79	-	.73	14	13	9	8	3	0	0	0	0	10	19	0	1.87	-
	Coventry ...	9 9	338									5.3	5.6	3.47	213	.98	14	15	12	5	-	0	0	0	0		16	0	1.98	61
	Rugby	9 9	385	6.3	1.4	3.9	-1.7	11.7	13,21,24	-2.8	9	3.8	5.2	2.18	-	.57	15	13	8	5	2	0	0	0	-	12	15	1	-	-
Oxford	Oxford ¶§	9 9	208	7.2	2.1	4.7	-1.7	13.9	13	-2.8	11	4.9	5.7	3.65	219	1.23	14	14	11	7	3	0	1	0	0	7	17	0	2.13	55
	Grendon Underwood	9 9	220	7.5	1.2	4.3	-	13.9	13	-3.9	16	4.5	5.4	3.16	-	1.13	14	12	10	5	1	0	0	0	-	9	14	0	2.08	-
Buckingham	Medmenham	9 9	98	7.6	1.7	4.7	-	14.4	13	-4.4	11	-	-	4.31	-	1.33	14	14	9	-	-	-	-	-	-	9	15	-		
	Aylesbury ...	9 9	316	6.7	1.2	3.9	-	13.9	13	-4.4	16	-	-	2.76	171	.86	14	12	11	6	3	0	2	0	1	13	19	0	2.11	-
Stafford	Keele	9 9	587	5.6	0.8	3.2	-	10.6	20	-3.3	8	3.8	4.8	3.17	170	.79	24	13	9	4	2	0	2	0	2	13	15	0	1.56	-
	Oaken	9 9	409	6.4	0.2	3.3	-	11.7	20	-4.4	8	4.1	-	2.88	-	.69	14	12	11	-	-	-	-	-	-	14	25	-	-	-
	Stone	9 9	350	6.3	1.0	3.7	-	11.7	20	-5.0	8	-	-	3.20	-	.59	24	20	12	4	3	0	0	0	2	10	27	0	1.81	-
	Penkridge ...	9 9	330	6.2	0.8	3.5	-	11.1	20,24	-4.4	8	-	-	2.66	-	.50	14	16	11	4	3	0	0	0	0	14	20	1	-	-
	Onecote ...	9 9	1350	3.2	-1.1	1.1	-	7.8	24	-4.4	7,8	2.1	3.6							5	8	0	0	0	10	20	19	0	1.57	-
Shropshire	Oswestry ...	9 9	570	5.9	0.8	3.3	-	10.6	23	-2.8	8,11	-	-	3.34	-	.61	24	15	12	5	5	0	0	0	6	14	21	0	1.83	- S
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	2.77	118	.62	24	18	14	-	-	-	-	-	-	-	-	-	2.01	- S
	Shrewsbury ...	9 9	184	7.0	1.5	4.3	-1.7	12.2	20	-5.0	8	5.4	6.5	2.26	139	.60	24	18	12	8	3	0	3	0	5	8	16	0	1.98	60
	Shawbury ...	21-9	235	6.8	1.2	4.0	-2.1	12.1	20	-5.0	8	-	-	2.49	152	.67	24	14	10	8	3	0	5	0	3	9	16	0	2.01	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.95	-
	Newport ...	9 9	211	6.5	1.0	3.7	-1.7	12.8	14	-4.4	9	-	-	2.66	162	.61	24	15	10	6	2	0	1	0	1	11	21	1	1.69	52 S
Worcester	Malvern	9 9	203	7.0	1.8	4.4	-	12.8	13	-1.7	11	5.0	5.9	2.96	155	.45	13	15	13	5	1	0	0	0	7	10	15	0	1.89	49 S
	Worcester ...	9 9	190	7.0	1.5	4.3	-	14.4	13	-2.8	11	-	-	2.88	189	.48	13	14	13	-	2	-	-	-	3	9	20	-	1.41	-
	Pershore Inst. of Hort.	9 9	130	7.0	1.4	4.2	-	13.3	13	-2.8	11	-	-	2.64	-	.49	13	12	11	-	2	-	-	-	3	12	24	-	1.83	-
	Pershore ...	21-9	114	7.3	1.4	4.3	-	14.3	13	-2.6	27	-	-	2.51	-	.50	13	14	11	8	1	0	3	0	2	12	16	0	2.00	-
	Halesowen ...	9 9	505	6.0	0.5	3.3	-	12.2	13	-3.3	11	4.7	5.6	2.72	-	.54	14	12	11	10	3	0	0	0	1	16	21	0	1.47	-
Hereford	Lyonshall ...	9 9	510	5.9	4.3	6.3	+0.1	11.7	13	-1.7	7,8	-	-	2.95	-	.54	23	15	11	-	-	-	-	-	-	12	17	-	-	-
	Credenhill ...	9 9	246	-	1.3	-	-	-	-	-3.3	11,27	-	-	2.72	-	.40	18	14	12	-	2	-	-	-	6	12	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	7.5	2.2	4.9	-1.5	13.8	13	-1.7	27	5.5	6.3	2.37	122	.42	13	15	11	7	1	0	0	0	3	6	16	0	1.98	52
	Preston Wynne ...	9 9	274	6.9	1.6	4.3	-	12.8	13	-2.2	8,27	-	-	2.58	-	.39	24	13	11	7	1	0	0	0	7	8	18	0	2.35	-
Gloucester	Avonmouth ...	9 9	31	8.1	2.7	5.4	-	12.8	13	-1.1	7,8,9	-	-	2.80	-	.61	18	14	11	3	0	0	0	0	4	4	-	0	-	-
	Filton	21-9	192	7.9	2.4	5.1	-1.4	13.9	13	-2.0	8	-	-	2.70	138	.50	18	12	11	6	0	0	0	0	1	6	13	0	1.80	-
	Hempsted ...	9 9	39	7.7	2.4	5.1	-	13.9	13	-2.2	11	6.1	6.8	2.06	-	.28	13,18	14	11	7	0	0	0	0	4	6	9	1	1.96	-
	Gloucester ...	21-9	79	8.0	2.7	5.3	-	14.6	13	-1.9	8	-	-	1.89	-	.33	24	13	10	6	0	0	4	0	2	5	11	0	2.24	-
	Cheltenham ...	9 9	214	7.2	2.0	4.6	-1.8	13.9	13	-2.2	8	-	-	2.14	129	.42	14	16	11	-	-	-	-	-	-	6	-	-	2.19	-
	Cirencester ...	9 9	443	6.8	1.5	4.1	-	13.3	13	-2.8	8	-	-	3.27	148	.60	23	13	12	6	1	0	0	0	4	9	16	-	2.10	-
	Little Rissington	21-9	740	5.6	0.8	3.2	-	12.7	13	-4.0	8	-	-	3.22	158	.91	14	12	10	10	4	1	0	0	10	14	17	0	1.85	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	7.5	2.6	5.1	-2.0	15.0	13	-1.7	7,9	5.6	6.2	3.11	201	.83	14	12	9	6	1	0	0	0	0	6	9	0	-	-
	Hampstead ...	9 9	450	6.3	1.6	3.9	-1.9	14.4	13	-2.8	7	-	-	3.47	213	.96	14	14	9	10	2	0	0	0	-	10	14	0	2.18	61
	St. James's Park	9 9	27	7.9	2.8	5.3	-1.9	14.4	13	-1.1	7	-	-	2.96	197	.81	14	11	10	4	-	0	0	0	-	4	-	0	-	-
	Regent's Park ...	9 9	129	7.7	-	-	-	14.4	13	-	-	-	-	3.01	-	.92	14	10	9	-	0	-	-	-	0	-	10	-	2.00	66
	Camden Square	9 9	121	7.6	2.3	4.9	-2.2	12.8	13,22	-1.7	7,9	4.9	4.7	3.04	192	.89	14	14	9	-	1	-	-	-	-	5	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.22	71
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.05	71
	Greenwich ...	9 9	24	7.7	2.5	5.1	-	15.0	13	-2.2	11	-	-	2.87	198	.79	14	12	9	2	1	0	0	0	0	5	9	0	2.05	62
Middlesex	London (Heathrow) Airport	21-9	82	7.6	2.7	5.1	-1.5	14.6	13	-1.5	9	-	-	3.74	249	1.18	14	12	8	7	1	0	1	0	0	6	11	0	2.15	-
	Hampton ...	9 9	39	7.6	2.6	5.1	-	14.4	13	-1.7	7,9	-	-	3.26	-	.91	15	14	9	9	2	0	1	0	0	5	14	0	2.26	-
	Southgate ...	9 9	221	7.1	1.7	4.4	-	14.4	13	-2.8	7	4.6	-	3.32	-	1.13	14	13	9	8	2	0	0	0	0	10	13	0	1.99	-
Surrey	Wisley	9 9	150	7.4	2.2	4.8	-1.6	15.0	13	-2.2	9	5.1	5.9	3.38	207	1.14	14	12	8	8	2	0	0	0	0	7	15	0	2.18	59
	Mickleham ...	9 9	179	7.0	1.6	4.3	-	12.8	13	-4.4	10	-	-	3.96	210	1.05	14	14	10	8	1	1	1	1	0	11	16	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																														
Surrey	Kew Observatory ¶§	21-9	18	7.4	3.1	5.3	-1.4	13.9	13	-1.4	10	5.1	6.3	3.28	225	.84	14	12	9	8	1	0	0	1	0	3	13	0	2.27	62
—cont.	Gatwick ... §	21-9	192	7.3	2.0	4.7	-	14.4	13	-3.3	10	-	-	3.47	-	.98	14	13	10	9	2	0	6	0	1	9	15	0	2.21	-
	Waddon ...	9 9	220	7.0	-0.1	3.5	-3.0	13.9	13	-5.0	10	-	-	2.62	155	.90	15	11	9	-	-	-	-	-	-	17	-	-		
	Addington ...	9 9	474	6.3	1.4	3.9	-2.0	13.9	13	-3.3	7,9	-	-	2.82	158	.93	15	14	11	-	-	-	-	-	1	10	-	-	-	-
Kent	Bromley ...	9 9	213	7.1	2.2	4.7	-1.8	13.9	20	-2.2	8,10	-	-	2.66	165	.79	15	13	9	-	4	-	-	-	3	9	-	-	-	-
	Swanley	9 9	177	6.9	1.6	4.3	-	13.9	20	-3.9	10	5.2	-	2.70	-	.95	14	14	9	6	2	0	0	0	1	8	13	0	1.84	-
	Dartford ...	9 9	17	7.4	2.0	4.7	-	14.4	20	-5.0	10	-	-	2.48	178	1.08	14	14	9	6	2	0	1	0	0	6	-	0	-	-
	Tunbridge Wells	9 9	351	6.6	1.0	3.8	-1.9	13.9	13	-5.6	10	4.8	5.5	4.09	207	1.54	14	14	11	5	3	0	0	0	2	11	12	0	2.26	56
	Goudhurst ...	9 9	280	6.9	1.4	4.1	-	13.3	13	-4.4	10	-	-	4.75	226	1.81	14	17	11	6	2	1	4	0	1	10	14	0	-	-
	East Malling ¶§	9 9	122	6.9	1.8	4.3	-1.6	13.9	13	-5.0	10	4.9	5.8	3.33	203	1.39	14	17	11	6	1	0	0	0	0	7	12	0	2.20	57
	Gillingham ...	9 9	14	7.1	1.8	4.5	-	13.9	13,20	-6.1	10	-	-	2.83	-	1.39	14	15	10	1	1	0	0	0	3	8	-	0	1.97	-
	Sittingbourne ...	9 9	224	6.7	1.7	4.2	-	13.3	13	-3.9	11	4.7	5.5	2.75	132	1.32	14	16	12	6	2	0	0	0	0	8	12	0	2.07	-
	Isle of Grain ...	9 9	9	7.0	2.9	5.0	-	13.3	13,20	-1.1	7,10	-	-	2.82	-	1.46	14	13	10	5	1	0	1	0	0	3	9	0	1.92	-
	Faversham ...	9 9	157	6.7	1.9	4.3	-	13.9	13	-4.4	10	4.9	5.4	2.46	-	1.23	14	13	11	6	0	0	2	0	0	8	13	0	2.12	-
	Dungeness ...	21-9	10	6.2	2.4	4.3	-1.5	11.6	25	-1.6	8	-	-	2.37	157	.73	14	13	8	6	0	0	0	0	1	3	-	0	-	-
	Wye	9 9	185	6.9	2.3	4.6	-1.4	13.9	13	-3.3	10	-	-	2.27	118	.90	14	15	11	4	1	0	0	0	2	7	10	0	2.46	58
	Whitstable ...	9 9	9	6.7	2.5	4.6	-	13.3	13	-5.0	10	-	-	1.99	149	.87	14	13	10	5	0	0	0	0	0	7	-	0	2.04	-
	Folkestone ...	9 9	128	6.2	2.2	4.2	-	12.2	20	-1.7	7,8	-	7.2	2.80	179	1.13	14	12	11	6	0	0	0	0	1	6	11	0	2.46	-
	Elmstone ...	9 9	28	6.9	1.8	4.3	-	15.0	13	-5.6	10	-	-	2.40	-	.85	14	14	11	-	0	-	-	-	0	7	10	-	-	-
	Herne Bay ...	9 9	21	6.6	2.8	4.7	-	13.3	13	-2.2	10	-	-	2.19	155	1.12	14	12	10	5	0	0	0	0	0	2	-	0	1.87	-
	Dover	9 9	19	6.4	2.8	4.6	-1.7	12.2	20,25	-1.1	7,8	5.6	6.2	2.78	154	1.05	14	13	10	7	0	0	0	0	1	3	8	0	2.20	- S
	Deal	21-9	18	6.0	3.2	4.6	-	12.3	24	-0.7	6,7	-	-	2.29	-	1.11	14	13	9	3	0	0	0	0	1	2	3	0	-	-
	Manston ...	21-9	145	6.5	2.0	4.3	-	13.3	13	-4.0	10	-	-	2.64	-	1.54	14	14	10	8	0	0	1	0	2	6	12	0	-	-
	Ramsgate ...	9 9	80	6.0	2.7	4.3	-	11.7	24,25	-1.1	7	-	-	2.41	184	1.44	14	13	10	5	1	0	0	0	1	4	-	-	2.01	47
	Margate ...	9 9	51	6.1	2.6	4.3	-2.2	12.8	13,20	-1.7	7,8	5.0	6.3	2.39	196	1.43	14	12	8	5	0	0	0	0	0	4	9	0	2.31	51
Sussex	Thorney Island ...	21-9	10	7.7	2.8	5.3	-	12.9	22	-2.0	7	-	-	3.83	220	1.32	14	13	10	7	1	0	0	0	1	4	14	0	2.34	-
	Bognor Regis ...	9 9	24	6.6	2.7	4.7	-1.5	10.6	25,26	-2.2	7,9	-	7.1	4.62	243	1.57	14	13	10	4	1	0	0	0	0	5	7	0	2.73	63
	Fernhurst ...	9 9	188	7.3	2.1	4.7	-	12.8	13	-2.8	10,11	-	-	5.18	-	1.84	14	12	11	6	-	0	0	0	-	6	13	0	1.93	-
	Littlehampton ...	9 9	15	7.2	2.2	4.7	-1.7	11.7	26	-2.8	9	-	6.8	3.95	216	1.21	14	13	11	4	0	0	0	0	0	4	-	0	2.54	59
	Rustington ...	9 9	10	7.2	2.7	4.9	-	12.8	7,21	-2.2	7	-	6.1	3.56	-	1.17	14	14	10	-	0	-	-	-	-	3	11	-	2.41	-
	Worthing ...	9 9	25	6.9	2.7	4.8	-1.6	11.1	26	-2.2	7,9	5.8	6.7	3.52	205	1.12	14	15	11	5	1	0	0	0	0	3	7	0	2.51	55
	Brighton ...	9 9	32	7.1	2.8	4.9	-	11.1	11,25,26	-2.2	7	-	6.9	4.03	233	1.41	14	13	10	3	0	0	0	0	1	3	11	0	2.38	54
	East Grinstead ...	9 9	400	7.1	1.4	4.3	-	11.7	20,21,23	-3.3	9,10	-	5.7	4.52	-	1.17	14	13	11	-	2	-	-	-	1		-	-	-	-
	Seaford	9 9	45	7.1	2.7	4.9	-	11.1	20,26	-2.2	7	-	-	3.74	210	1.18	14	9	8	-	-	-	-	-	0	5	-	-	2.51	55
	East Hoathly ...	21-9	130	7.2	2.3	4.7	-	12.6	13	-2.7	10	-	-	4.41	-	1.75	14	14	9	3	3	0	0	0	1	7	9	0	2.45	-
	Eastbourne ...	9 9	23	6.7	2.9	4.8	-1.6	11.1	25,26	-1.7	7,9	6.2	7.6	4.89	248	1.93	14	12	9	3	-	0	0	0	0	4	8	0	2.40	53
	Eastbourne C/Guard	21-9	17	6.9	2.2	4.5	-	11.5	25	-3.0	7	-	-	4.98	-	1.95	14	10	8	4	0	0	0	0	0	7	10	1	-	-
	Bexhill	9 9	12	6.7	3.0	4.9	-1.4	11.7	25	-2.2	7	6.4	-	4.09	230	1.63	14	10	8	5	1	0	0	0	2	4	9	0	2.51	58
	Bodiam	9 9	73	7.3	1.9	4.6	-	13.3	20	-5.0	10	5.4	6.1	4.13	-	1.82	14	9	9	5	2	0	0	1	3	8	14	0	2.29	-
	Hastings ¶§	9 9	149	6.6	2.6	4.6	-1.8	11.1	20,25	-2.2	7,9	5.7	6.8	4.09	227	1.53	14	14	10	6	1	0	0	0	3	5	13	0	2.56	57
Berkshire	Letcombe Regis	9 9	350	6.9	1.2	4.1	-	13.9	13	-4.4	9	-	-	3.60	-	1.17	14	11	9	7	1	0	0	0	0	17	-	0	-	-
	Abingdon ...	21-9	210	7.4	2.1	4.7	-1.6	14.7	13	-1.8	11,16	-	-	3.34	217	1.14	14	15	10	9	2	0	4	0	1	8	13	0	2.13	-
	Compton ...	9 9	339					12.8	13,14			5.6	-	3.72	-	1.49	14	15	9	4	1	0	0	0	2	12	14	0	-	-
	Woolhampton ...	9 9	370	6.9	1.4	3.7	-	13.3	13	-2.2	9,10	5.1	-	3.49	249	1.43	14	13	8	6	1	0	0	1	1	9	16	0	-	-
	Wallingford ...	9 9	157	7.5	1.6	4.5	-	13.9	13	-5.0	16	5.5	6.4	3.04	-	1.22	14	12	9	7	1	0	0	0	-	8	13	0	2.23	-
	Shinfield ...	9 9	200	7.3	1.9	4.6	-1.6	14.4	13	-2.2	7,9	-	-	3.71	223	1.30	14	14	8	4	1	0	0	0	2	8	15	0	2.09	-
	Reading ...	9 9	148	7.7	2.4	5.1	-1.5	14.4	13	-1.7	7,9	5.6	6.0	4.07	241	1.36	14	15	9	8	1	0	0	1	1	6	12	0	2.04	-
	Reading S.T.G.	9 9	141	7.3	1.8	4.5	-	13.9	13	-2.8	11	-	-	4.15	259	1.38	14	15	10	6	1	0	0	1	1	8	16	0	2.03	-
	Finchampstead ...	9 9	212	7.1	1.4	4.3	-	13.9	13	-3.3	11	5.0	5.7	4.00	-	1.35	14	17	12	8	2	0	0	0	1	11	19	0	1.97	-
	Hurley	9 9	140	7.4	2.0	4.7	-	14.4	13	-2.2	9,10	4.9	-	4.56	-	1.42	14	14	10	7	2	0	0	0	0	7	15	0	2.12	-
	Bracknell ...	9 9	243	7.2	1.8	4.5	-	14.4	13	-3.3	11	5.0	5.7	4.16	-	1.22	14	13	10	11	2	0	0	0	1	8	13	0	-	-
Hampshire	Bournemouth ...	9 9	130	7.6	2.9	5.3	-1.4	12.8	21,22	-2.8	9	5.8	6.4	4.12	200	1.29	18	12	10	4	0	0	0	1	4	11	0	2.70	63
	Hurn	21-9	33	7.9	2.7	5.3	-	13.1	22	-3.8	9	-	-	3.92	192	.98	18	12	10	5	0	0	1	0	0	12	10	0	-	-
	Christchurch ...	9 9	9	8.1	2.8	5.5	-	12.8	21,22	-3.3	9	-	-	3.99	-	1.17	18	12	10	2	0	0	0	0	1	4	12	0	-	-
	Everton ...	9 9	51	7.7	2.9	5.3	-	11.1	13,22,24	-2.8	9	-	-	3.80	-	1.18	18	13	10	3	0	0	0	0	2	4	13	0	2.59	-
	Southampton ¶§	9 9	65	8.5	2.9	5.7	-1.2	14.4	13	-2.2	9	6.4	7.2	4.40	211	1.14	14	14	14	7	0	0	0	0	0	3	11	0	2.15	53
	Leckford ...	9 9	385	6.8	1.6	4.2	-	12.8	13	-2.8	7,9	5.1	-	3.90	193	.99	14	14	11	-	2	-	-	-	2	7	-	-	1.79	47
	Winchester ...	9 9	122	7.7	2.1	4.9	-	15.0	13	-2.8	9,27	-	-	4.42	223	1.15	14	13	11	4	0	0	0	0	0	10	7	0	-	-
	Martyr Worthy	9 9	275	7.3	1.8	4.6	-	12.8	13	-2.8	9,10	-	-	4.15	-	1.24	14	12	11	6	0	0	0	0	0	8	12	0	2.04	-
	Southsea ...	9 9	7	7.4	3.1	5.3	-1.7	12.2	13	-2.2	8	6.3	6.9	3.72	202	1.22	14	14	10	5	0	0	0	0	1	3	7	0	2.33	54
	Hayling Island ...	9 9	13	6.9	2.9	4.9	-	11.1	22	-2.2	7,9	-	-					13	10	4	1	0	0	0	0	4	-	0	2.63	-
	Long Sutton ...	9 9	512	6.4	1.3	3.8	-2.0	12.8	13	-3.9	9		6.3	3.99	196	1.60	14	14	8	5	2	0	0	0	8	10	15	0	-	-
	Alice Holt Lodge	9 9	378	6.7	1.7	4.2	-	12.8	13	-3.3	11	-	-	4.22	208	1.55	14	13	10	4	1	0	0	0	2	10	18	0	1.99	- S
	S. Farnborough	21-9	226	7.2	2.0	4.6	-1.7	13.8	13	-5.0	11	-	-	4.03	236	1.47	14	13	9	8	2	0	0	0	1	9	14	0	1.98	51
I. of Wight	St. Caterine's Pt.	9 9	51	7.0	3.2	5.1	-1.4	10.0	25	-2.5	7	-	-	3.55	183	1.09	18	16	10	5	-	0	0	0	3	3	-	0	-	-
	Ventnor Park ...	9 9	443	6.0	2.7	4.3	-1.6	11.1	26	-2.2	7	6.1	7.0	3.89	182	.91	14	16	11	1	1	0	0	0	4	4	9	0	2.42	52
	Shanklin ...	9 9	180	7.2	3.1	5.1	-	12.2	13	-1.7	7,8,9	-	-	4.51	-	1.30	18	16	8	4	0	0	0	0	2	4	-	0	2.54	-
	Sandown ...	9 9	13	7.9	3.5	5.7	-1.1	12.8	22	-1.7	7	-	-	4.22	214	1.24	14	14	10	2		0	0	0	0	3	-	-	2.55	56
	Ryde	9 9	15	7.4	3.4	5.4	-1.4	12.8	22	-1.7	7	-	-	3.77	196	1.01	14	14	11	4	1	0	0	0	1	3	-	0	2.40	57
Wiltshire	Lacock	9 9	160	7.6	1.4	4.5	-	13.3	13	-3.9	11	-	-	2.64	-	.67	18	14	11	-	0	-	-	-	0	8	15	-	-	-
	West Lavington	9 9	305	7.6	2.0	4.8	-	13.3	13	-2.8	7	-	-	2.76	146	.55	18	13	12	4	0	0	0	0	1	4	-	0	-	-
	Lyneham ...	21-9	476	6.7	1.5	4.1	-	13.1	13	-3.1	7	-	-	2.20	121	.50	14	11	9	8	0	0	2	0	3	11	16	0	2.21	-
	Chiseldon ...	9 9	510	6.7	1.3	4.0	-	13.3	13	-3.9	9	-	-	3.03	-	.99	14	13	10	9	4	1	0	0	2	13	16	0	-	-
	Larkhill	9 9	431	7.1	1.3	4.2	-1.6	13.0	13	-4.3	9	-	-	3.04	167	.62	14	13	12	5	1	1	0	0	1	12	15	0	-	-
	Boscombe Down	21-9	414	7.1	1.8	4.5	-1.5	12.5	13	-2.7	7	-	-	3.03	169	.71	14	13	11	8	0	0	0	0	1	11	13	0	2.25	55
	Upavon	21-9	578	6.3	1.4	3.9	-	12.9	13	-3.1	7	-	-	2.84	-	.82	14	13	11	9	0	0	0	0	2	11	15	0	-	-
	Porton ... ¶§	9 9	364	7.5	1.5	4.5	-1.3	13.6	13	-3.9	27	4.6	-	3.65	195	.81	14	13	12	5	0	0	3	0	1	10	15	0	2.13	51
7a	ENGLAND, N.W.																														
Cumberland	Sellafield ...	9 9	43	7.8	2.9	5.3	-	15.6	20	-0.6	27	-	-	1.63	62	.56	24	11	9	-	0	-	-	-	0	1	17	-	1.87	-
	Carlisle	21-9	86																												
	Newton Rigg ¶§	9 9	560	6.6	0.9	3.7	-1.2	10.6	23	-3.3	11	1.8	-	2.45	111	.85	24	19	9	-	2	-	-	-	0	12	16	-	1.59	47
	Spadeadam ...	9 9	900	4.2	-0.1	2.0	-	8.3	23,26	-3.3	26	2.5	3.6	2.87	-	.64	24	21	13	10	3	1	1	0	7	15	17	1	1.95	-
Westmorland	Ambleside ...	9 9	151	7.0	1.5	4.3	-	11.7	22	-3.9	11	-	-	4.46	95	.85	19	11	10	3	2	0	0	0	0	4	-	0	1.80	56

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	-0.5	-3.0	-1.7	-	3.8	23	-8.0	16,19	-	-	-	-	-	-	-	-	-	0	-	-	-	26	27	-	-	1.24	-
—cont.	Moor House ...	9 9	1825	1.4	-2.1	-0.3	-	6.1	23	-6.1	6,11	1.7	-	3.78	-	1.15	14	24	18	-	13	-	-	-	11	25	29	-	1.10	-
Lancashire	Squires Gate ...	21-9	33	7.5	1.6	4.5	-1.3	14.3	23	-4.3	11	-	-	2.59	138	.96	24	13	9	7	1	0	0	0	0	10	17	1	1.62	43
	Urswick	9 9	130	7.3	1.9	4.6	-	12.2	20	-1.7	6,27	-	-	3.56	-	1.07	24	13	8	1	1	0	0	0	1	4	-	-	-	-
	Southport ...	9 9	16	6.9	1.2	4.1	-	12.2	20,23	-3.3	8	4.9	7.2	2.30	-	1.08	24	9	8	-	1	-	-	-	0	10	14	-	1.62	-
	Poulton-le-Fylde	9 9	38	7.2	1.9	4.5	-	12.8	23	-2.2	9,27	-	-	2.78	-	.95	24	17	10	4	2	0	0	0	0	7	-	0	-	-
	Grizedale ...	9 9	300	6.7	-0.2	3.3	-	10.6	23,26	-4.4	11,27	3.9	-	4.63	-	1.12	19	13	10	4	2	0	1	0	0	17	20	0	-	-
	Speke	21-9	80	7.2	2.4	4.8	-	13.0	20	-2.4	8	-	-	2.55	144	1.21	24	13	9	8	1	0	0	0	0	4	11	0	1.82	-
	Kirkham ...	9 9	78	7.3	1.5	4.4	-	13.3	21	-2.2	7,8	-	-	2.47	118	.79	24	12	7	6	1	0	1	0	0	8	17	0	1.83	-
	Garstang ...	9 9	68	6.9	1.7	4.3	-	11.7	23	-2.2	8	-	-	2.27	-	.69	24	12	8	-	1	-	-	-	0	6	16	-	1.58	-
	Morecambe ...	9 9	24	7.2	2.3	4.7	-1.2	12.2	20,23	0.0	6,7,17	-	-	2.25	105	.86	24	12	9	2	1	0	0	0	0	0	-	0	1.66	44
	Preston	9 9	108	7.1	1.8	4.5	-	12.8	20	-1.7	27	-	-	2.15	99	.82	24	11	8	7	1	0	3	0	1	7	16	0	-	-
	Stonyhurst ¶§	9 9	377	6.3	1.1	3.7	-1.5	11.1	20,23	-1.1	7,11,17	-	-	2.73	104	.79	24	11	9	-	0	-	-	-	1	13	14	0	1.47	45
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.75	-
	Helmshore ...	9 9	854	4.8	0.4	4.6	-	10.0	20	-2.2	7,16,19	3.7	-	4.51	124	.95	14												1.56	-
	Burnley	9 9	655	5.4	0.4	4.9	-	10.6	23	-2.8	8	4.2	4.8	3.17	-	.82	14	14	10	3	3	0	0	0	0	15	18	0	1.75	-
	Nelson	9 9	540	5.5	1.4	3.5	-	11.3	23	-1.1	18,19	3.9	5.1	3.06	127	.90	14	19	9	-	5	-	-	-	1		15	-	1.70	- S
	Rochdale ...	9 9	362	6.6	0.4	3.5	-	11.1	20,23	-6.7	8	-	-	3.38	-	.78	14	11	9	3	0	0	0	0	0	13	16	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	6.6	2.7	4.7	-1.3	11.7	23	-0.6	8	-	-	2.33	142	1.26	24	14	9	-	-	-	-	-	2	2	12	-	1.86	52
	Winnington ...	9 9	65	7.6	2.4	5.0	-	12.2	20	-1.7	8,11,27	-	-	2.94	167	.97	24	11	10	6	0	0	0	0	1	7	19	1	-	-
	Knutsford ...	9 9	212	7.1	1.4	4.3	-	12.3	20	-3.6	8	4.5	5.3	3.10	-	.95	24	11	11	-	1	-	-	-	-	11	17	-	-	-
	Ringway ¶§	21-9	248	6.7	2.0	4.3	-1.6	11.8	20	-3.0	8	-	-	3.01	170	.99	24	10	9	6	1	0	0	0	1	10	13	0	2.03	63
	Macclesfield ...	9 9	500	6.2	1.2	3.7	-1.8	11.1	23	-2.2	8	-	-	2.69	131	1.24	24	11	10	8	2	0	0	0	1	9	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	7.8	2.1	4.9	-1.7	13.9	23	-2.8	8	-	-	2.08	125	1.30	24	11	9	4	0	0	1	0	1	6	8	0	2.28	60
	Prestatyn ...	9 9	12																											
	Hawarden Bridge	9 9	17	7.4	1.9	4.7	-1.6	12.2	20	-3.9	8,11	-	-	2.82	166	1.38	24	13	10	8	2	0	0	0	0	8	-	1	-	-
Anglesey	Valley	21-9	33	8.8	3.0	5.9	-0.9	14.3	20	-1.4	11	-	-	3.08	147	.99	24	14	11	4	0	0	0	0	0	3	12	0	3.67	89
Denbigh	Colwyn Bay ...	9 9	118	7.7	2.4	5.1	-1.7	12.8	13,20,23	-1.7	6,11	5.3	-	1.53	83	.81	24	15	8	2	0	0	0	0	0	3	-	0	2.65	67
	Alwen	9 9	1100	5.9	-1.1	2.4	-	12.2	2,23	-6.7	27	-	-	3.06	-	1.11	24	18	13	-	-	-	-	-	-	19	25	-	-	-
	Ruthin	9 9	248	7.3	1.4	4.3	-	12.8	23	-3.3	8	-	-	2.03	-	1.05	24	15	9	-	0	-	-	-	3	9	-	-	2.13	-
	Loggerheads ...	9 9	690	5.7	0.2	2.9	-	12.8	23	-5.6	8	3.9	5.1	2.95	-	1.23	24	16	14	8	4	0	0	0	8	14	16	0	-	-
	Bwlchgwyn ...	9 9	1267	4.0	-1.0	1.5	-	9.4	23	-5.6	8	3.4	-	4.37	-	1.48	24	16	12	3	4	0	0	0	10	22	22	0	-	-
	Wrexham ...	9 9	275	6.8	0.7	3.7	-	11.7	23,24	-3.3	8	4.5	5.2	3.02	-	.75	24	16	12	6	1	0	0	0	1	12	23	0	-	-
																				-	0	-	-	-	1	1	8	-	-	-
Caernarvon	Bardsey Island ...	21-9	61	7.9	3.8	5.9	-	10.3	20,22	-1.5	5	-	-																	
	Botwnnog ...	9 9	112	8.3	2.5	5.4	-	12.8	20	-2.2	9	6.1	6.8	3.23	-	.80	24	11	10	2	0	0	0	0	1	7	14	0	3.32	-
	Bryn Adda ...	9 9	275	-	2.6	-	-	-	-	-1.7	6	-	-	2.15	-	1.03	24	15	11	1	0	1	0	0	0	3	20	1	3.46	-
	Cwm Dyli ...	9 9	324	8.1	2.1	5.1	-	13.9	23	-1.7	27	5.4	-	5.59	-	1.55	24	17	13	-	3	-	-	-	0	5	13	-	-	-
	Aber	9 9	60	8.5	2.9	5.7	-1.4	13.9	20,23	-0.6	3	-	-	3.21	127	1.30	24	17	10	2	0	0	0	0	0	4	16	2	3.13	80
	Llandudno ¶§	9 9	13	7.7	2.9	5.3	-1.6	12.8	20	-1.1	6	-	-	2.33	125	1.20	24	13	11	2	0	0	0	0	0	1	-	0	2.76	70
Merioneth	Llyn Stwlan ...	9 9	1656	3.5	-0.1	1.7	-	9.4	23	-3.9	8	-	-	3.20	-	.72	24	19	12	-	5	-	-	-	-	18	21	-	-	-
	Blaenau Ffestiniog	9 9	750	7.2	0.4	3.8	-	13.3	23	-3.9	9	-	-	2.77	-	.81	24	20	12	-	2	-	-	-	0	12	-	-	2.61	- S
	Corwen	9 9	473	4.3	0.1	2.2	-	9.4	14	-5.0	8	-	-	2.92	-	.68	24	17	13	7	2	0	0	0	-	19	21	0	-	-
Montgomery	Ceinws	9 9	200	8.0	1.3	4.7	-	13.9	23	-3.9	8	-	-	3.52				13	9	-	-	-	-	-	0	9	-	-	-	-
	Lake Vyrnwy ...	9 9	995	5.2	0.2	2.7	-	10.6	23	-3.9	8	3.6	-	3.08	78	.63	24	18	12	7	4	0	0	0	5	17	22	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	7.9	3.0	5.5	-1.2	12.4	23	-2.0	8	-	-	2.17	79	.59	24	14	10	5	0	0	0	0	0	4	14	5	3.50	-
	Aberystwyth ...	9 9	12																											
	" P.B.S.*	9 9	452	7.8	1.6	4.7	-1.5	13.9	23	-3.9	8	-	-	2.77	88	.91	24	14	9	0	0	0	1	0	4	8	19	1	3.40	84
	Gogerddan ...	9 9	103	8.7	2.1	5.4	-	15.0	23	-3.9	6,8	-	-	2.34	98	.70	23	13	8	1	0	0	0	0	0	8	15	0	3.52	-
	Swyddffynnon ...	9 9	540	7.7	1.2	4.5	-	13.9	23	-3.3	8	-	-	2.45	-	1.00	24	15	11	-	0	-	-	-	0	10	17	-	3.36	-
	Trawscoed ...	9 9	200		1.7			14.4	23	-3.9	6	4.3	-	1.92	68	.34	23	13	8	1	0	0	0	0	0	8	15	0	2.63	-
	Llety-evan-hen ...	9 9	950	6.6	1.3	3.9	-	12.8	23	-3.9	8	-	-	2.94	-	1.15	24	12	9	4	0	0	0	0	0	13	19	1	3.28	87
	Cwmystwyth ...	9 9	969	6.5	0.7	3.6	-	11.7	13	-3.9	8	-	-	2.64	-	1.24	24	13	9	4	0	0	0	0	-	16	20	0	-	-
Pembroke	Dale Fort ...	9 9	109	8.3	3.5	5.9	-	11.1	13,22	-3.3	8	6.3	-	3.79	-	.63	14,18	14	10	2	0	0	0	0	2	3	10	4	3.31	-
	Brawdy	9 9	360	7.4	1.7	4.5	-	11.7	13	-3.9	8,9	-	-	4.26	-	.65	23	14	11	3	0	0	0	0	3	9	14	1	3.15	-
	Haverfordwest ...	9 9	131	8.4	2.5	5.5	-1.1	11.7	13,14	-3.3	8	-	-	4.49	149	.80	18	13	12	3	-	0	0	0	0	6	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	9.1	2.3	5.7	-	13.3	13	-3.3	1	6.4	6.7	3.12	-	.58	23	13	11	2	0	0	0	0	1	8	16	0	3.07	-
Radnor	Llandrindod Wells ¶§	9 9	772	6.6	0.8	3.7	-1.6	12.2	23	-3.3	8,27	4.7	-	2.28	88	.51	23	14	11	2	1	0	0	0	0	16	-	0	2.22	62
Brecknock	Llwynon ...	9 9	860	6.6	0.7	3.7	-	11.7	13	-3.9	6	-	-	3.85	-	.67	13	13	12	1	1	0	0	0	1	14	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117	7.3	3.1	5.2	-	12.5	15	-0.7	9	-	-	-	-	-	-	-	-	2	0	0	0	0	0	4	9	7	-	-
	Swansea ...	9 9	27	8.6	3.4	6.0	-1.2	12.8	13,15	-1.7	8	6.8	8.3	2.67	107	.72	23	12	12	1	0	0	0	0	0	3	-	0	2.24	57
	Port Talbot ...	9 9	24	9.3	3.2	6.3	-	14.4	13	-1.1	8	-	-	3.42	-	.72	23	12	12	1	0	0	0	0	1	6	12	-	3.05	-
	Neath	9 9	202	8.3	3.3	5.8	-	13.3	13	-1.1	6,8	-	-	2.59	-	.64	23	13	13	1	0	0	0	0	1	3	11	2	-	-
	Rhoose	21-9	220	7.7	2.2	4.9	-	12.8	13	-2.6	8	-	-	3.46	164	.85	23	11	11	6	0	0	0	0	3	6	10	0	2.59	-
	Cardiff ... ¶§	9 9	202	7.9	2.3	5.1	-1.5	14.4	13	-1.7	7,8,9	5.8	6.7	5.02	198	1.10	18	11	11	2	-	0	0	0	3	3	10	-	2.47	63
Monmouth	Tredegar ...	9 9	1028	5.8	0.7	3.3	-	11.1	13	-2.8	7,8,27	-	-	4.16	-	1.08	13	13	12	5	3	0	1	0	13	20	18	0	2.22	- S
	Newport ...	9 9	75	7.8	2.6	5.2	-1.3	13.3	13	-1.1	7	-	-	4.93	194	1.03	13	11	11	4	0	0	0	0	3	5	12	0	-	-
	Usk	9 9	70	7.9	2.1	5.0	-	13.9	13	-2.8	27	5.7	-	4.15	156	.90	13	12	11	2	1	0	0	0	1	6	15	0	2.09	-
	Crumbland Plantation	9 9	804	5.9	0.9	3.4	-	12.2	13	-3.3	7,8	4.4	5.3		-	1.06	13			6	4	0	0	0	11	13	20	0	2.07	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	5.9	1.1	3.5	-	11.1	13	-3.3	9	-	-	4.21	-	.69	21	16	15	7	-	0	0	0	-	13	15	0	2.95	-
	Cannington ...	9 9	95	8.6	2.7	5.7	-	13.9	13,19,24	-1.7	7,8	6.2	-	2.81	149	.72	18	13	12	-	-	-	-	-	1	7	15	-	1.84	46
	Weston-s.-Mare	9 9	28	8.2	2.9	5.5	-1.3	14.4	13	-1.1	7,8,9	-	-	2.92	147	.60	18,23	11	11	4	0	0	1	0	1	3	13	1	2.64	66
	Long Ashton ¶§	9 9	162	8.1	2.5	5.3	-1.2	13.9	13	-2.2	11	5.7	-	2.79	125	.60	18	11	6	0	0	0	0	0	1	6	15	0	2.33	61
	Wincanton ...	9 9	375		1.8					-2.8	7,9	-	-	3.40	-	.78	18	13	11	4	0	0	0	0	3	11	16	0	-	-
	Bath City Boys' School	9 9	388		1.8			12.8	13	-2.2	7,8,10	5.8	-			.56	18			4	1	0	3	0	0	12	-	0	2.01	-
Dorset	Lyme Regis ...	9 9	200	8.1	2.6	5.3	-	12.8	22	-2.8	9	-	-	5.18	-	1.02	18	12	12	4	0	0	0	0	2	3	10	2	2.80	- S
	Portland Bill ...	21-9	35	7.3	3.5	5.4	-1.3	11.2	26	-1.4	9	-	-	3.40	191	.69	18	11	10	3	0	0	0	0	0	2	-	4	-	-
	Weymouth ...	9 9	16	8.4	3.2	5.8	-1.3	12.2	23	-1.7	9	-	-	4.59	227	1.34	18	12	11	-	0	-	-	-	0	3	-	-	2.86	64
	Winfrith ...	9 9	85	8.2	2.2	5.2	-	13.9	14	-3.9	9	-	-	4.68	-	1.39	18	12	10	-	0	-	-	-	1	9	14	-	-	-
	Shaftesbury ...	9 9	680	6.6	1.4	4.0	-1.7	11.7	13	-3.9	7,9	-	-	3.25	115	.60	18	13	11	-	1	-	-	-	2	8	-	-	-	-
	Swanage ...	9 9	37	8.3	3.4	5.9	-	12.8	21	-1.1	9	-	7.5	3.71	-	1.07	18	11	9	1	-	0	0	0	2	3	4	3	2.35	54
	Poole	9 9	18	8.4	2.9	5.7	-	13.9	22	-2.2	9	-	-	3.84	-	1.05	18	11	10	2	0	0	1	0	0	4	-	0	2.37	55

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER March 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b ENGLAND, S.W.—cont.																														
Devon	Clawton	9 9	412	9.2	-0.8	4.2	-	13.9	19	-8.9	9	-	-	2.70	-	.48	23	13	12	1	0	0	0	0	3	16	-	3	-	-
	Hartland Point ...	21-9	298	7.7	3.8	5.7	-	13.3	13	-2.6	7	-	-	2.59	-	.58	23	11	10	2	0	0	0	0	1	1	5	7	3.63	84
	Mount Batten ...	21-9	87	8.2	3.6	5.9	-2.4	12.2	13	-2.4	9	-	-	7.00	256	1.28	18	16	12	4	0	0	1	0	1	5	12	0	2.86	67
	Plymouth, The Hoe	9 9	119	8.7	3.7	6.2	-1.4	12.8	13,15	-2.8	9	6.8	7.7	6.89	252	1.31	16	15	12	0	0	0	0	0	0	3	15	1	2.79	65
	Tavistock ...	9 9	457	8.1	2.6	5.3	-1.6	12.2	13	-3.3	9	-	7.1	5.11	-	.91	24	15	12	3	-	0	1	1	0	9	15	1	-	-
	Chivenor ...	21-9	20	9.5	3.2	6.3	-	15.1	13	-1.2	9	-	-	1.88	-	.38	23	12	9	4	0	0	0	0	0	6	15	1	3.33	-
	Ilfracombe ...	9 9	25	8.6	4.1	6.3	-1.3	15.0	13	0.6	7,8	6.9	8.2	2.13	-	.41	16	13	10	0	0	0	0	0	0	0	10	0	3.57	-
	Totnes	9 9	120	8.9	2.9	5.9	-	13.3	13,19,24	-2.8	1,9,31	6.8	7.3	6.05	174	1.48	18	16	14	3	0	0	1	0	0	7	13	0	2.47	-
	Slapton	9 9	104	8.4				13.3	15	-0.6	7,8,9	-	-	7.09	-	1.53	18	16	10	2	0	0	1	0	0	3	6	0	-	-
	Newton Abbot ...	9 9	272	8.3	2.7	5.5	-1.3	12.8	13,19,24	-3.3	9	-	-	5.72	198	1.30	18	15	11	0	0	0	0	0	0	7	11	0	2.63	64
	Paignton ...	9 9	8	8.8	3.7	6.3	-	13.3	19,21,24	-1.1	9	-	-	5.83	201	1.29	18	16	14	2	0	0	0	0	0	5	7	1	2.31	58
	Torquay ...	9 9	26	8.7	4.0	6.3	-1.0	13.3	15,19,24	-1.1	9	-	7.6	5.38	205	1.21	18	15	12	2	0	0	0	0	1	8	1	2.57	60
	Teignmouth ¶§	9 9	20	8.3	3.8	6.1	-1.3	12.8	22,24	-2.2	9	-	-	5.48	218	1.20	18	12	12	1	0	0	0	0	0	3	11	2	2.67	64
	Starcross ...	9 9	29	8.3	3.5	5.9	-	13.3	22,24	-2.2	9	6.5	-	4.81	192	1.18	18	13	10	2	0	0	0	0	0	4	7	0	2.96	-
	Exeter, Southam	9 9	160	8.7	2.7	5.7	-	13.3	21	-2.8	9	-	-	4.03	-	.71	18	13	11	2	0	0	0	0	2	4	-	1	-	-
	Exmouth ...	9 9	195	8.1	2.9	5.5	-1.1	13.9	22	-2.8	9	-	-	4.54	185	1.14	18	13	10	2	0	0	0	0	1	3	-	0	2.78	67
	Exeter	21-9	106	8.4	3.3	5.9	-	13.4	19	-3.0	9	-	-	4.45	190	.79	18	14	11	4	0	0	0	0	0	4	13	0	2.48	-
	Sidmouth ...	9 9	25	8.4	2.9	5.7	-1.1	12.8	14,22	-2.2	8,9	-	-	4.20	-	1.25	18	12	10	-	0	-	-	1	0	4	7	-	3.26	78
Cornwall	St. Mary's, Scilly	21-9	158	9.8	6.0	7.9	-0.6	13.0	15,20,26	-1.2	8	-	-	3.56	141	.59	17	15	15	2	0	0	1	0	0	3	-	1	3.43	82
	Penzance ...	9 9	62	9.8	4.4	7.1	-1.2	12.8	14,19,24	-2.8	9	-	-	4.81	152	.98	16	15	14	1	0	1	0	0	0	3	15	1	3.39	
	Gulval	9 9	50	9.3	4.3	6.8	-1.2	12.8	19,24	-2.8	9	-	-	4.40	146	.82	16	14	12	-	-	-	-	-	0	4	9	-		
	Culdrose ...	9 9	268	8.7	3.7	6.2	-	11.7	19	-3.9	9	-	-	4.25	-	.88	16	13	12	3	0	1	0	0	1	6	11	0	2.98	-
	Rosewarne ...	9 9	250	8.9	4.2	6.5	-	12.2	13,19,24	-5.6	9	6.9	7.5	4.82	166	1.20	16	15	12	2	0	0	1	0	0	5	12	3	3.23	-
	Lizard	9 9	240	8.9	4.2	6.5	-1.2	13.4	23	-0.6	8	-	-	4.27	177	.76	16	12	2	2	-	0	0	0	-	3	1	2	3.05	-
	Falmouth ¶§	9 9	167	8.8	4.2	6.5	-1.3	12.8	21	-2.8	9	-	-	4.75	115	1.10	16	14	11	0	0	0	0	0	0	5	11	1	2.34	75
	Newquay ...	9 9	176	9.1	4.8	6.9	-0.6	13.3	19	0.6	7,8	-	-	3.68	159	.90	15	14	12	0	0	0	0	0	0	0	0	3	3.18	74
	St. Mawgan ...	21-9	337	8.4	3.5	5.9	-	12.9	19	-4.4	9	-	-	3.83	-	.78	16	14	13	2	0	1	0	0	0	7	11	2	3.44	-
	St. Austell ...	9 9	310	8.7	3.5	6.1	-	12.8	19	-2.8	10	-	-	7.65	219	1.70	16	15	13	1	0	0	0	1	1	4	-	0	-	-
	Fowey	9 9	51	9.1	4.1	6.6	-1.2	13.3	15	-2.2	9	-	-	5.94	-	1.01	24	14	12	2	0	0	1	1	0	2	-	0	-	-
	Bude	9 9	50	9.2	2.9	6.1	-1.1	13.3	13	-2.8	9	4.9	-	1.99	93	.52	24			-	0	-	-	-	-	7	-	-	3.04	70
	Ellbridge ...	9 9	190	8.8	3.3	6.1	-1.0	12.2	14,15,24	-2.2	9	-	-	5.97	213	1.02	18	15	12	0	0	0	0	0	0	6	12	0	3.01	70
9 NORTHERN IRELAND																														
Londonderry	Loughermore Forest	9 9	570	7.3	1.0	4.1	-	11.1	1,24	-6.1	8	-	-	2.21	-	.45	19	18	13	3	1	0	0	0	1	11	18	0	-	-
	Ballykelly ¶§	21-9	6	8.6	2.3	5.5	-1.0	12.6	1	-5.3	8	-	-	1.48	68	.56	23	13	8	3	0	0	0	0	0	10	13	4	2.30	64
	Derrynoyd Forest	9 9	290	7.9	1.3	4.6	-	11.7	1,14,24	-3.9	8	-	-	4.51	-	.90	23	16	13	4	0	1	0	0	1	9	14	0	-	-
	Somerset Forest	9 9	140	8.1	1.7	4.9	-	11.1	23,24	-3.9	8	-	-	1.80	-	.56	23	15	12	3	0	0	0	0	1	7	19	0	-	-
	Garvagh Forest	9 9	290	7.6	1.4	4.5	-	10.6	14,23,24	-3.9	8	-	-	3.20	-	.80	23	17	14	5	1	0	0	0	2	11	21	0	-	-
	Moneydig ¶	21-9	112	7.9	1.9	4.9	-1.4	10.9	1,20	-5.2	8	5.2	-	2.41	92	.67	23	16	14	5	0	0	3	0	2	9	13	1	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	1.27	-	.42	23	11	7	-	-	-	-	-	-	-	-	-	2.34	-
	Lisnafillan ...	9 9	124	7.9	1.5	4.7	-	11.7	23	-3.9	1,7	-	-	3.16	-	.86	23	17	13	5	0	0	0	0	2	7	14	0	2.42	-
	Aldergrove ¶§	21-9	225	7.6	2.3	4.9	-1.0	10.6	14	-3.4	7	5.4	6.5	3.40		1.17	19	16	11	4	0	1	0	0	2	7	11	0	2.22	66
	Greenmount ...	9 9	105	7.9	1.9	4.9	-	10.6	1,20,24	-5.0	7	5.2	-	3.50	-	1.02	19	14	12	1	0	0	0	0	0	7	14	-	-	-
	Black Mountain	21-9	989	5.3	1.1	3.2	-	8.6	24	-3.2	19	-	-	4.24	-	1.04	19	16	9	4	4	0	0	0	11	10	-	2	-	-
	Ballypatrick Forest	9 9	500	6.3	1.9	4.1	-	9.4	2	-3.9	8	-	-	4.20	-	1.09	19	15	13	4	0	1	0	0	4	5	12	4	-	-
	Larne	9 9	140	7.7	2.8	5.3	-	11.1	24,26	-2.8	7	-	-	3.69	-	1.03	13	17	11	3	0	0	0	0	0	3	-	0	-	-
	Kilroot	9 9	71	7.4	2.9	5.1	-	10.0	24	-2.8	7	-	-	3.27	-	.96	13	14	13	2	0	0	0	0	2	3	11	0	-	-
Down	Newry Abbey ...	9 9	32	8.4	2.2	5.3	-	11.7	15,23,25	-3.9	7	-	-	5.04	-	1.03	19	14	13	1	0	0	0	0	0	10	-	0	-	-
	Hillsborough §	9 9	379	6.9	2.1	4.5	-1.1	10.0	26	-2.2	7	5.2	-	3.69	173	.84	19	13	11	2	0	0	0	0	1	5	14	0	1.98	61
	Kilkeel	21-9	58	7.4	3.6	5.5	-	11.4	24	0.0	1	-	-	2.93		.65	23	17	13	1	0	0	0	0	0	0	6	3	2.11	-
	Tollymore Park	9 9	249	7.2	2.6	4.9	-	11.1	24	-2.2	7,8		-	7.27	-	1.36	23	18	15	2	0	1	0	0	2	3	17	0	-	-
	Stormont Castle	9 9	185	7.3	2.5	4.9		10.6	24,26	-1.7	7	5.4	6.1	4.20	-	.95	13	18	12	3	0	3	0	0	7	3	13	0	1.82	-
	Crossgar ...	9 9	119	7.5	2.9	5.2	-	11.1	24	-2.2	7	-	-	4.76	-	.95	19	19	12	3	0	0	0	0	4	4	13	2	-	-
	Creighton's Green	9 9	391	6.7	2.3	4.5	-	10.0	24	-2.8	7	-	-	4.76	-	1.12	19	16	11	3	2	0	0	0	5	5	13	5	-	-
	Helen's Bay ...	9 9	140	7.4	3.2	5.3	-	10.6	20,24	0.0	7	-	-	4.37	-	.95	19	15	11	3	1	1	1	0	3	0	15	2	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	7.2	3.9	5.5	-	11.0	24	-1.5	8	-	-	3.92	-	1.02	23	16	12	3	0	0	0	0	0	2	3	6	-	-
	Ballyhalbert ...	9 9	10																										2.40	
Armagh	Armagh ¶§	9 9	202	8.4	2.2	5.3	-1.1	12.2	23,24	-2.8	2,7,8	5.8	6.3	2.59	131	.70	19	15	12	3	0	0	1	0	2	8	15	2	2.24	67
	Loughgall ...	9 9	92	8.4	1.6	5.0	-	12.2	24	-4.4	7,8	-	-	2.62	-	.75	19	16	11	3	0	0	0	0	2	12	18	0	2.29	-
	Glenanne ...	21-9	438	7.4	2.3	4.8	-	11.0	14,24	-2.5	7	-	-	3.46	-	.84	19	18	13	2	0	0	0	0	7	3	16	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	4.52	182	.93	23	18	12	-	-	-	-	-	-	-	-	-	2.08	61
Tyrone	Lough Bradan ...	9 9	554	7.7	1.4	4.5	-	12.2	24	-2.8	8	-	-	2.88	-	.53	23	20	15	-	-	-	-	-	2	8	17	0	1.76	-
	Baronscourt Forest	9 9	290	8.4	1.8	5.1	-	12.8	23,24	-6.1	8	-	-	2.61	-	.61	23	17	14	3	0	1	0	0	0	6	14	0	-	-
	Carrigans ...	21-9	371	8.1	2.5	5.3	-	13.0	24	-2.7	8	-	-	2.64	-	.72	23	19	13	4	0	1	0	0	3	4	14	3	-	-
	Lislap Forest ...	9 9	685	7.6	1.6	4.6	-	11.1	23,24	-2.8	8	5.1	-	4.40	-	1.04	23	18	14	4	0	1	0	0	2	6	13	0	-	-
	Knockmany Forest	9 9	239	8.2	0.9	4.5	-	11.7	1,14,24	-3.9	7,8	-	-	2.81	-	.53	23	16	13	3	0	0	0	0	1	11	15	0	-	-
	Pomeroy Forest	9 9	540	7.4	1.6	4.5	-	11.7	24	-2.2	8	5.1	-	4.25	-	1.19	23	17	15	3	1	0	0	0	5	8	13	0	-	-
	Cookstown ...	9 9	253	7.7	1.8	4.7	-	11.7	24	-2.2	7	5.2	-	2.77	-	.43	19	17	12	-	-	-	-	-	-	7	13	-	-	-
Fermanagh	Roscor	9 9	470	8.6	1.7	5.1	-	12.2	23	-3.3	8	-	-	3.10	113	.67	19	16	11	3	0	0	0	0	0	7	19	0	-	-
	Lough Navar Forest	9 9	485	8.0	1.9	4.9	-	11.7	24	-4.4	7	-	-	3.63	-	.62	18	17	14	3	0	0	1	0	3	8	13	0	-	-
	Ely Lodge ...	21-9	210	8.5	2.9	5.7	-	12.0	14	-1.7	8	5.8	6.3	3.28	-	.50	23	17	12	1	0	0	0	0	3	4	12	0	1.67	-
	Castle Archdale Forest ¶§	9 9	215	8.7	1.9	5.3	-1.0	11.7	1,14,24	-5.0	8	5.8	-	2.37	-	.43	23	16	11	1	0	0	0	0	1	6	13	0	1.79	54
	Pubble Forest ...	9 9	290	8.2	1.4	4.8	-	11.7	1,14,24	-4.4	8	-	-	2.89	-	.73	23	16	11	2	0	0	0	0	1	10	11	0	-	-
CHANNEL ISLES																														
Guernsey	States Airport ...	21-9	340	7.9	4.4	6.1	-1.5	11.9	1	-2.0	7	6.6	7.3	4.38	184	.93	17	15	14	6	-	0	0	0	0	1	5	4	2.17	-
Alderney	States Airport ...	9 9	288	7.3	3.6	5.5	-	11.1	23	-2.2	7,8	6.5	-	3.36	-	.70	17	15	14	3	2	0	2	0	1	2	-		2.27	-
Jersey	Jersey Airport ...	9 9	273	8.4	3.7	6.1	-	13.0	12	-2.4	7	-	-	3.57	153	.59	16	15	11	7	-	0	0	0	0	3	8	0	2.83	-
	St. Helier ...	9 9	28	8.7	4.3	6.5	-1.7	13.9	12	-1.1	7,8	-	-	3.18	157	.52	18	16	10	4	-	0	0	0	0	2	-	0	2.96	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.60	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. § *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS March 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																					
0 SCOTLAND, N.																																													
Zetland — Lerwick Observatory H	3	273	1020.3	-	3.8	1.1	6.7	83	6.6	1	2	4	7	17	0	0	0	0	0	0	1	9	8	9	4	2	8	9	9	3	4	1	1	1	8	1	1	1
	9	273	1020.5	+9.2	4.7	1.2	6.9	81	6.7	0	2	4	10	15	0	0	0	0	0	0	2	9	6	13	1	2	8	13	7	1	3	3	2	0	8	1	2	1
	15	273	1020.1	-	5.4	1.5	7.0	78	6.6	0	3	2	9	16	1	0	0	1	0	0	1	7	9	7	6	1	7	13	9	1	1	2	4	9	9	2	2	1
	21	273	1020.7	-	4.0	1.1	6.7	82	5.9	0	6	4	10	11	0	0	0	0	0	0	1	6	9	11	4	1	9	10	9	2	3	0	4	11	6	1	1	3
Orkney — Kirkwall ... H	3	86	1018.5	-	4.1	0.9	7.0	86	6.5	1	4	1	7	18	0	0	0	0	0	0	0	7	13	8	3	2	5	11	11	2	1	0	2	15	6	0	1	4
	9	86	1019.0	-	4.9	1.0	7.2	83	6.4	0	4	2	12	13	0	0	0	0	0	0	0	9	8	9	5	1	8	9	13	0	3	0	3	15	4	1	1	4
	15	86	1018.5	-	5.9	1.5	7.1	77	6.2	0	4	3	13	11	0	0	0	0	0	1	0	8	6	6	10	1	10	11	9	0	4	2	3	18	1	1	2	0
	21	86	1019.1	-	4.2	0.9	7.1	86	6.0	0	5	5	7	14	0	0	0	0	0	0	1	9	9	7	5	1	8	12	8	2	1	2	5	16	1	0	3	1
Caithness — Wick ... H	3	121	1018.0	-	3.7	0.8	6.9	86	5.9	1	4	5	8	13	0	0	0	0	0	0	1	13	5	12	0	0	5	14	11	1	2	0	1	16	6	0	2	3
	9	121	1018.4	+6.5	4.5	1.0	7.1	83	6.2	0	5	2	15	9	0	0	0	0	0	0	0	14	6	7	4	1	6	12	9	3	2	0	2	15	4	0	3	2
	15	121	1018.0	-	5.8	1.5	7.2	78	6.4	0	3	4	14	10	0	0	0	0	0	0	2	12	6	9	2	1	4	15	10	1	4	1	2	19	2	0	0	2
	21	121	1018.6	-	4.2	0.9	7.1	85	5.6	2	4	4	11	10	0	0	0	0	0	0	1	13	9	7	1	1	4	14	11	1	1	2	4	13	4	0	4	2
Sutherland — Cape Wrath ...	3	371	1015.5	-	4.6	1.1	7.0	82	5.1	1	8	4	7	10	1	0	1	0	0	0	0	3	3	8	16	3	2	7	15	4	2	0	7	10	5	1	2	0
	9	371	1015.3	-	5.0	1.3	7.0	81	5.7	0	4	7	8	12	0	0	0	0	0	0	0	4	5	7	15	2	3	9	15	2	2	1	9	7	6	2	1	1
	15	371	1015.1	-	6.2	1.5	7.3	76	6.0	0	4	4	13	9	1	0	0	0	1	0	0	2	4	10	14	3	3	8	12	5	1	1	8	9	1	4	0	2
	21	371	1015.5	-	5.1	1.3	7.1	80	6.0	0	7	3	4	16	1	0	1	0	0	0	0	3	4	7	16	3	3	10	13	2	2	2	8	9	5	2	1	0
Ross & Cromarty — Stornoway H	3	16	1015.5	-	4.8	1.2	7.1	82	4.5	6	5	3	8	9	0	0	0	0	0	0	0	2	9	19	1	0	2	13	15	1	1	0	5	11	7	1	2	3
	9	16	1015.9	+4.2	5.9	1.4	7.3	78	5.6	0	5	7	12	7	0	0	0	0	0	0	0	3	7	14	7	0	3	16	11	1	0	2	3	14	7	1	1	2
	15	16	1015.5	-	7.7	2.3	7.3	69	5.4	0	5	7	13	6	0	0	0	0	0	0	0	3	5	16	7	0	3	14	14	0	1	2	3	15	6	0	2	2
	21	16	1016.0	-	5.6	1.3	7.4	80	5.2	3	6	3	8	11	0	0	0	0	0	0	0	3	11	14	3	0	3	11	15	2	1	1	6	12	4	2	3	0
Inverness — Benbecula H	3	21	1014.1	-	4.6	0.9	7.3	85	5.2	3	6	4	3	15	0	0	0	0	0	0	2	7	9	9	4	1	9	9	11	1	2	1	5	16	3	1	1	1
	9	21	1014.4	-	5.7	1.2	7.5	81	5.7	0	4	7	15	5	0	0	0	1	0	0	0	4	12	6	8	4	4	16	7	0	1	1	4	17	4	0	1	3
	15	21	1014.2	-	7.3	1.8	7.7	75	6.5	0	3	1	18	9	0	0	0	0	0	0	0	4	14	4	9	3	9	13	5	1	0	4	2	14	7	0	1	2
	21	21	1014.8	-	5.2	0.9	7.6	85	5.7	0	6	4	11	10	0	0	0	0	0	0	0	9	11	5	6	0	11	7	9	4	1	1	5	14	3	0	2	1
1 SCOTLAND, E.																																													
Moray — Kinloss ... H	3	19	1017.4	-	3.3	1.0	6.5	83	6.3	1	4	3	6	17	0	0	0	0	0	0	0	9	9	10	3	0	1	10	20	0	0	2	8	10	2	8	1	0
	9	19	1017.9	-	4.3	1.3	6.6	79	6.2	0	3	5	16	7	0	0	0	0	0	0	0	8	9	10	4	0	2	13	15	1	0	1	8	11	2	6	1	1
	15	19	1017.3	-	6.8	2.3	6.7	67	6.5	0	1	4	19	7	0	0	0	0	0	0	0	3	10	12	6	1	3	15	12	0	4	0	7	12	3	0	3	2
	21	19	1018.0	-	4.0	1.1	6.7	81	5.6	1	7	3	8	12	0	0	0	0	0	0	0	9	11	9	2	0	3	8	18	2	1	1	8	11	3	2	3	0
Aberdeen — Dyce ... H	3	193	1018.3	-	3.1	0.7	6.7	88	6.7	1	1	5	1	22	1	0	0	0	0	1	2	5	11	8	4	0	4	9	13	5	1	1	4	13	3	0	0	4
	9	193	1018.7	+5.5	3.8	0.9	6.8	84	7.1	0	1	3	9	18	0	0	0	0	0	3	4	16	7	1	0	1	6	9	11	4	1	1	3	13	3	2	1	3
	15	193	1018.3	-	5.1	1.4	7.0	79	7.3	0	0	3	12	16	0	0	0	0	0	1	6	13	10	1	0	1	5	13	11	1	2	2	5	13	4	0	0	4
	21	193	1018.9	-	3.2	0.8	6.7	86	6.4	4	2	1	3	21	0	0	0	0	0	3	10	15	2	1	0	1	4	10	12	4	3	0	6	14	1	0	0	3
Rattray Head ...	3	108	1018.3	-	3.9	1.0	6.7	82	6.3	0	2	5	15	8	1	0	0	0	1	0	0	15	15	0	0	3	7	15	6	0	1	2	9	10	3	2	3	1
	9	108	1018.5	-	4.3	1.1	6.9	82	6.4	0	1	6	17	7	0	0	0	0	0	0	0	13	16	2	0	1	10	14	6	0	2	0	9	10	4	0	2	4
	15	108	1018.3	-	5.1	1.3	7.0	79	6.7	0	0	5	18	8	0	0	0	0	0	0	0	12	14	5	0	2	9	12	8	0	4	0	8	13	3	0	1	2
	21	108	1018.5	-	4.0	1.0	6.7	82	5.7	1	1	10	12	7	0	0	0	0	0	1	0	9	21	0	0	2	9	10	10	0	4	0	12	7	5	0	2	1
Fife — Leuchars ... H	3	38	1017.0	-	3.3	0.7	6.8	87	6.6	2	3	1	4	20	1	0	1	0	0	1	5	9	9	5	1	0	4	14	10	3	1	1	10	9	0	2	3	2
	9	38	1017.4	+3.8	4.0	0.9	6.9	85	7.3	0	1	1	12	16	1	0	0	1	0	4	4	7	5	6	4	1	4	12	11	3	0	4	9	8	0	2	1	4
	15	38	1016.8	-	5.5	1.3	7.3	80	6.8	0	2	4	9	16	0	0	0	0	0	3	2	12	5	5	4	2	5	12	11	1	1	4	13	9	0	1	1	1
	21	38	1017.4	-	3.6	0.8	6.9	86	6.5	1	3	4	2	21	0	0	0	0	0	2	6	7	11	4	1	0	5	14	8	4	3	2	9	10	0	0	2	1
Midlothian — Turnhouse H	3	144	1016.9	-	2.7	0.7	6.5	87	6.7	3	0	3	6	18	1	0	1	0	0	1	3	17	7	2	0	0	0	11	12	8	0	4	12	4	0	1	2	0
	9	144	1017.2	-	3.6	1.2	6.5	81	6.7	2	1	0	14	13	1	0	1	0	0	1	8	15	4	1	1	0	2	11	11	7	0	2	15	2	1	0	4	0
	15	144	1016.5	-	5.8	1.8	6.8	74	6.6	0	3	3	10	15	0	0	0	0	0	2	6	11	9	1	2	0	2	14	14	1	1	8	14	5	0	1	0	1
	21	144	1017.2	-	3.8	1.1	6.7	83	6.3	3	3	0	9	16	0	0	0	0	0	1	8	18	1	2	1	0	0	11	16	4	0	7	16	1	0	0	1	2
6a SCOTLAND, W.																																													
Argyll — Tiree ... H	3	34	1014.1	-	5.0	1.0	7.4	84	5.9	1	5	3	9	13	0	0	0	0	0	0	0	13	7	6	5	3	12	7	7	2	1	2	10	12	1	0	1	2
	9	34	1014.5	+2.1	5.7	1.2	7.5	81	5.9	0	7	3	8	13	0	0	0	0	0	1	0	10	9	5	6	4	7	12	5	3	2	1	6	16	2	0	0	1
	15	34	1014.0	-	7.0	1.7	7.6	75	6.2	0	5	2	12	11	1	0	0	0	1	0	1	11	8	2	8	5	6	13	5	2	3	1	7	14	2	0	0	2
	21	34	1014.6	-	5.4	1.1	7.5	82	6.1	3	3	2	9	14	0	0	0	0	1	0	0	13	6	5	6	2	8	13	5	3	4	1	8	13	0	0	0	2
Rhuvaal ... H	3	63	-	-	4.9	1.1	7.1	81	6.0	0	4	5	9	13	0	0	0	0	0	0	0	3	9	14	5	5	7	11	8	0	3	0	6	15	5	0	0	2
	9	63	-	-	5.3	1.3	7.1	79	5.8	0	2	10	13	6	0	0	0	0	0	0	0	3	7	13	8	5	8	11	7	0	0	1	9	14	4	1	0	2
	15	63	-	-	6.6	1.7	7.3	75	6.1	0	2	9	9	11	0	0	0	0	0	0	0	7	3	15	6	4	6	11	10	0	3	0	7	14	4	1	0	2
	21	63	-	-	5.5	1.3	7.3	79	5.9	0	5	5	9	11	1	0	0	1	0	0	0	5	5	12	8	5	8	8	10	0	3	0	10	12	4	0	0	2
Renfrew — Renfrew ... H	3	29	1016.0	-	3.1	0.8	6.7	86	6.3	2	3	3	5	17	1	0	0	2	0	3	3	9	11	2	1	0	0	7	16	8	0	2	19	0	0	0	0	2
	9	29	1016.4	+2.3	3.8	1.0	6.6	82	6.7	0	3	2	11	14	1	0	1	0	1	6	5	17	0	0	1	0	1	9	15	6	0	2	18	2	0	0	1	2
	15	29	1015.5	-	6.9	2.3	6.7	68	6.8	0	3	1	12	15	0	0	0	0	0	5	5	17	3	1	0	0	0	13	15	3	1	1	19	3	1	1	1	1
	21	29	1016.4	-	4.5	1.2	6.9	82	6.5	3	1	2	9	16	0	0	0	0	0	6	8	16	0	1	0	0	0	10	18	3	1	3	21	1	0	0	1	1
Lanark — Lowther Hill H	3	-	-	-	-1.1	0.3	5.3	93	6.8	0	2	5	1	3	20	2	11	6	2	0	0	2	1	5	2	2	3	16	10	0	2	5	8	11	4	1	0	1
	9	-	-	-	-1.1	0.3	5.3	94	7.2	0	1	3	4	6	17	1	10	5	3	0	0	6	2	3	1	4	5	14	7	1	3	3	8	12	3	0	0	1
	15	-	-	-	0.1	0.5	5.5	90	7.4	0	0	3	7	6	15	1	8	5	1	0	2	5	3	5	1	5	2	13	9	2	2	4	7	11	5	0	0	0
	21	-	-	-	-1.0	0.5	5.1	90	7.0	0	3	2	2	8	16	2	10	4	1	0	1	6	2	3	2	3	7	14	6	1	2	3	12	10	2	0	0	1
Ayr — Prestwick Airport H	3	69	1015.1	-	2.6	0.8	6.5	87	5.7	4	1	6	6	14	0	0	0	0	0	0	3	8	17	2	1	0	2	8	19	2	3	3	17	5	0	0	0	1
	9	69	1015.5	-	4.0	1.2	6.5	79	6.6	0	3	2	16	10	0	0	0	0	0	2	3	10	13	2	1	0	2	16	12	1	0	4	19	6	0	0	0	1
	15	69	1014.7	-	6.9	2.3	6.7	67	6.5	0	3	2	15	11	0	0	0	0	0	1	3	8	12	5	2	0	3	15	13	0	1	6	13	5	1	2	2	1
	21	69	1015.4	-	3.9	1.1	6.7	82	6.1	3	2	4	6	16	0	0	0	0	0	0	4	10	16	1	0	0	0	12	17	2	1	5	20	2	0	0	0	1
Dumfries — Eskdalemuir Observatory H	3	778	1016.6	-	1.5	0.6	6.1	89	7.0	2	1	2	3	22	1	0	1	1	0	0	5	13	7	4	0	0	0	4	21	6	6	7	6	5	0	0	1	0
	9	778	1016.8	+2.5	2.3	0.9	6.1	84	6.9	0	2	3	9	17	0	0	0	0	1	2	2	13	6	6	1	0	1	5	21	4	5	9	6	6	0	0	0	1
	15	778	1015.6	-	4.4	1.4	6.5	78	7.1	0	0	3	11	17	0	0	0	0	1	1	2	11	5	11	0	0	0	7	23	1	2	5	14	6	1	1	0	1
	21	778	1016.9	-	1.9	0.7	6.2	88	6.5	2	3	2	3	21	0	0	0	0	1	1	2	13	9	5	0	0	0	2	20	9	0	8	9	4	0	0	0	1
Wigtown — Mull of Galloway H	3	260	1014.3	-	4.1	0.7	7.3	88	6.2	2	3	3	6	15	2	0	2	0	0	0	4	14	6	5	0	4	2	17	7	1	2	2	11	6	8	1	0	0
	9	260	1014.5	-	4.4	0.9	7.2	85	6.8	0	3	2	8	15	3	0	3	0	0	1	3	11	6	7	0	4	2	18	6	1	1	2	11	7	8	0	0	1
	15	260	1014.3	-	5.7	1.4	7.2	79	6.7	0	1	6	11	12	1	0	1	0	0	1	2	11	8	8	0	4	4	13	10	0	2	0	6	10	11	0	2	0
	21	260	1014.6	-	4.7	0.9	7.3	85	6.5	2	1	3	6	19	0	0	0	0	0	1	4	11	11	4	0	2	2	18	9	0	3	1	9	4	12	1	0	1
6b ISLE OF MAN																																													
Isle of Man — Ronaldsway H	3	68	1014.0	-	4.4	0.8	7.4	87	6.5	4	0	1	8	18	0	0	0	0	0	2	5	12	8	3	1	4	5	11	11	0	3	5	14	5	2	0	0	2
	9	68	1014.3	-	5.0	1.0	7.4	85	6.3	1	3	3	10	14	0	0	0	0	0	3	5	6	11	4	2	5	4	14	8	0	0	8	13	7	1	0	0	2
	15	68	1013.9	-	6.2	1.5	7.4	77	6.7	1	2	0	15	13	0	0	0	0	0	1	9	6	7	6	2	2	5	15	9	0	1	3	18	5	1	1	1	1
	21	68	1014.4	-	5.0	1.0	7.4	83	7.0	0	3	2	5	21	0	0	0	0	0	2	4	12	7	4	2	3	4	14	8	2	2	7	11	6	1	0	0	2
Point of Ayre H	3	30	1014.2	-	4.6	0.8	7.5	88	5.9	3	2	3	15	8	0	0	0	0	0	1	0	15	10	5	0	1	7	13	10	0	3	8	12	6	0	0	1	1
	9	30	1014.5	-	4.8	0.9	7.5	86	6.1	0	4	4	15	8	0	0	0	0	0	4	0	11	8	8	0	3	4	18	6	1	2	7	13	6	0	0	0	2
	15	30	1013.9	-	6.3	1.4	7.6	79	6.3	1	1	5	17	7	0	0	0	0	0	0	1	12	8	10	0	2	6	10	13	0	1	9	11	6	0	0	2	2
	21	30	1014.4	-	5.0	0.8	7.6	87	6.0	4	0	3	15	9	0	0	0	0	0	0	1	15	7	8	0	2	6	17	5	1	1	11	9	5	0	1	3	0
2 ENGLAND, N.E.																																													
Northumberland — Acklington H	3	151	1016.8	-	3.1	0.6	7.0	90	6.8	1	2	3	3	21	1	0	0	1	1	1	8	8	6	4	2	0	3	12	14	2	5	3	3	12	1	2	0	3
	9	151	1017.2	-	3.4	0.7	6.9	89	7.4	1	0	2	4	22	2	0	1	1	1	2	8	11	6	1	0	0	7	9	14	1	4	5	6	9	2	1	1	2
	15	151	1016.7	-	4.5	1.0	7.1	84	7.2	0	1	4	5	21	0	0	0	0	0	3	7	12	4	5	0	0	5	9	17	0	4	7	7	10	1	1	0	1
	21	151	1017.2	-	3.4	0.6	7.0	89	6.7	1	2	4	2	19	3	0	0	2	1	0	8	10	5	5	0	0	4	11	15	1	6	5	6	8	2	1	1	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS March 1964

District, County	Place	Hour of Observation (G.M.T.)	Height of Barometer above Mean Sea Level (ft.)	Mean Pressure: At Mean Sea Level (mb.)	Mean Pressure: Difference from Average (mb.)	Dry Bulb (°C.)	Depression of Wet Bulb (°C.)	Vapour Pressure (mb.)	Relative Humidity (%)	Cloud Amount (Oktas): Mean Amount	Cloud No. of Obs.: 0	1–2	3 to 5	6–7	8	9	Visibility: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind Force: 8 or more (34 or more knots)	6, 7 (22 to 33 knots)	4, 5 (11 to 21 knots)	1 to 3 (1 to 10 knots)	Calm (0)	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
2 ENGLAND, N.E.—cont.																																							
	Tynemouth H	3	130	1016.6	-	3.9	0.7	7.1	88	6.9	2	1	1	6	20	1	0	0	0	2	3	4	7	13	2	0	2	4	18	6	1	4	3	4	12	4	0	3	0
		9	130	1017.0	+2.4	3.7	0.7	7.1	88	7.4	1	0	1	6	22	1	0	1	0	1	5	4	8	11	1	0	3	7	11	10	0	3	5	5	11	3	1	1	2
		15	130	1016.6	-	4.4	0.8	7.3	86	7.3	1	0	3	3	23	1	0	0	0	1	5	9	7	7	2	0	2	9	11	9	0	4	5	8	12	0	0	2	0
		21	130	1017.0	-	4.1	0.8	7.1	86	7.0	1	1	3	4	21	1	0	1	0	0	3	5	5	15	2	0	1	6	15	8	1	5	4	6	10	2	0	2	1
Durham	Middleton St. George H	3	118	1016.3	-	3.0	0.8	6.5	85	6.8	3	0	1	4	22	1	0	1	0	1	6	5	13	4	1	0	0	0	6	19	6	4	3	10	2	1	2	2	1
		9	118	1016.7	-	3.5	1.0	6.6	83	6.9	1	1	3	6	20	0	1	0	0	1	2	12	7	8	0	0	0	0	12	17	2	5	5	8	5	3	0	1	2
		15	118	1015.9	-	5.1	1.5	6.8	77	7.3	0	1	1	9	20	0	0	0	0	0	1	11	14	3	2	0	0	0	16	15	0	7	6	11	1	4	0	0	2
		21	118	1016.6	-	3.4	0.9	6.7	85	6.8	0	2	4	5	20	0	0	0	1	0	4	10	12	4	0	0	0	0	8	21	2	8	5	7	6	1	0	0	2
Yorks., N.Riding	Dishforth ... H	3	131	1015.9	-	2.5	0.5	6.7	91	6.5	3	2	2	3	18	3	0	1	1	2	4	1	14	5	1	2	0	0	9	19	3	8	5	8	4	0	0	0	3
		9	131	1016.3	-	3.1	0.7	6.8	88	7.0	1	1	1	10	17	1	0	2	0	1	5	5	9	7	1	1	0	1	11	18	1	8	6	6	6	2	0	0	2
		15	131	1015.6	-	5.0	1.1	7.3	83	7.2	0	0	3	10	18	0	0	0	0	1	2	5	13	8	0	2	0	2	11	18	0	3	6	8	14	0	0	0	0
		21	131	1016.3	-	3.1	0.6	6.9	90	7.0	0	2	2	5	21	1	0	0	2	0	5	6	11	3	3	1	0	0	7	22	2	8	6	6	6	1	0	1	1
	Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		9	210	1016.5	-	3.1	0.7	6.8	89	7.4	0	1	1	6	22	1	0	1	0	0	3	8	8	10	1	0	2	8	7	12	2	1	8	9	6	3	0	0	2
		15	210	1015.9	-	3.9	0.7	7.1	88	7.1	1	0	4	5	18	3	1	0	1	2	2	3	13	5	4	0	2	8	4	16	1	2	4	13	7	0	0	1	3
		21	210	1015.9	-	3.4	0.7	7.0	89	7.2	1	0	3	3	22	2	0	1	0	1	2	5	16	5	1	0	1	7	9	14	0	4	4	10	7	3	0	1	2
Yorks., E. Riding	Leconfield H	3	26	1016.1	-	2.6	0.6	6.6	89	7.2	1	2	1	1	22	4	1	2	1	1	2	6	5	8	5	0	0	1	8	19	3	4	7	9	3	0	0	3	2
		9	26	1016.6	-	3.3	0.8	6.7	86	7.4	0	1	1	7	19	3	0	2	1	1	4	5	9	5	3	1	0	3	15	10	3	2	8	11	3	1	0	0	3
		15	28	1015.8	-	4.6	1.2	6.9	81	7.4	0	1	1	9	20	0	0	0	0	1	3	5	10	7	4	1	0	3	17	11	0	3	10	11	5	0	1	0	1
		21	28	1016.4	-	3.2	0.7	6.9	89	7.1	0	2	3	4	19	3	0	1	1	1	4	7	8	5	4	0	0	1	14	14	2	4	8	7	7	0	1	0	2
	Spurn Head H	3	54	1015.2	-	3.3	0.7	6.9	88	6.7	2	3	0	4	17	5	0	3	1	1	5	0	16	5	0	0	1	6	11	11	2	2	5	7	10	1	2	1	1
		9	54	1015.6	+0.5	3.3	0.6	6.9	88	7.3	0	2	1	6	18	4	0	1	3	0	6	6	12	3	0	0	1	6	12	11	1	0	4	14	8	1	0	1	2
		15	54	1014.9	-	3.8	0.8	7.0	87	7.2	0	2	0	7	19	3	0	1	2	2	6	5	12	3	0	0	1	9	9	9	3	2	5	11	7	1	0	1	1
		21	54	1015.4	-	3.6	0.6	7.1	89	6.5	2	4	1	3	18	3	1	0	2	0	5	2	17	3	1	0	1	7	10	12	1	2	5	10	9	2	0	0	2
Lincoln	Waddington H	3	227	1015.4	-	2.2	0.5	6.6	90	7.3	1	0	3	1	22	4	0	4	0	1	3	5	12	4	2	0	0	0	12	18	1	5	5	12	3	0	1	1	3
		9	227	1015.8	-	2.8	0.6	6.7	89	7.1	0	2	1	6	21	1	0	1	1	2	7	5	8	4	3	0	0	2	15	14	0	5	8	10	3	2	0	0	3
		15	227	1014.8	-	4.9	1.4	6.9	79	6.8	1	2	1	9	17	1	0	0	0	1	3	4	11	6	5	1	0	1	17	13	0	3	9	11	5	1	0	0	2
		21	227	1015.7	-	2.8	0.6	6.7	88	7.3	1	1	0	7	20	2	0	1	1	0	3	7	12	4	3	0	0	0	13	18	0	6	8	10	3	1	2	0	1
	Binbrook ... H	3	356	1015.5	-	2.1	0.6	6.4	89	7.2	2	1	0	1	21	6	0	4	2	2	5	4	7	3	4	0	0	0	12	17	2	4	5	11	3	2	1	0	3
		9	356	1015.9	-	2.5	0.7	6.5	88	7.2	0	2	0	8	16	5	0	3	2	2	5	5	8	2	4	0	0	1	17	12	1	1	9	12	3	2	0	1	2
		15	356	1015.1	-	3.9	1.2	6.6	81	6.9	1	0	3	9	16	2	0	0	1	1	2	4	14	5	3	1	0	4	17	10	0	3	8	11	5	1	0	0	3
		21	356	1015.8	-	2.7	0.7	6.6	88	7.3	1	1	0	5	20	4	0	1	3	1	3	7	10	4	2	0	0	1	16	14	0	4	6	9	6	4	0	1	1
	Manby ... H	3	47	1015.5	-	2.5	0.6	6.6	89	7.1	1	2	1	2	21	4	0	3	2	1	6	5	5	6	3	0	0	1	10	18	2	6	2	14	4	0	1	1	1
		9	47	1016.0	-	3.2	0.7	6.8	87	7.2	0	2	1	7	19	2	0	0	1	2	8	4	10	3	2	1	0	1	12	16	2	1	2	16	4	1	1	0	4
		15	47	1015.1	-	4.4	1.0	7.0	83	7.3	0	1	1	9	19	1	0	1	0	0	4	5	13	6	2	0	0	3	12	14	2	4	7	8	8	1	0	0	1
		21	47	1015.8	-	3.1	0.7	6.8	87	7.3	0	1	2	6	21	1	0	0	0	3	5	2	14	5	2	0	0	1	12	14	4	4	6	10	5	2	0	0	0
3 ENGLAND, E.																																							
Norfolk	Marham H	3	89	1015.0	-	2.7	0.8	6.4	85	6.7	3	1	2	3	21	1	0	1	0	1	4	5	14	5	1	0	0	0	9	21	1	6	8	10	2	1	1	0	2
		9	89	1015.4	-	3.4	1.0	6.5	82	7.3	1	0	2	9	19	0	0	0	0	1	3	10	12	5	0	0	0	1	15	13	2	6	7	11	1	1	0	1	2
		15	89	1014.5	-	5.4	1.7	6.7	73	6.6	2	2	0	9	18	0	0	0	0	0	3	3	14	9	2	0	0	1	19	10	1	8	4	9	4	2	1	0	2
		21	89	1015.3	-	3.4	1.0	6.6	83	7.1	2	0	3	1	24	1	0	0	0	1	3	5	15	7	0	0	0	0	12	17	2	6	8	12	0	2	0	0	1
	West Raynham H	3	263	1014.8	-	2.0	0.5	6.5	87	6.8	3	0	3	3	18	4	0	1	2	2	3	7	10	4	2	0	0	0	18	12	1	2	10	11	3	0	2	0	2
		9	263	1015.1	-	2.8	0.7	6.7	88	7.2	1	0	2	7	21	0	0	0	0	1	5	8	10	6	1	0	0	2	20	5	4	1	10	10	2	1	1	1	1
		15	263	1014.3	-	4.5	1.2	6.9	80	6.8	1	2	1	9	18	0	0	0	0	1	2	4	11	10	3	0	0	3	18	9	1	4	10	6	6	2	0	2	0
		21	263	1015.1	-	2.7	0.7	6.7	89	7.1	2	0	1	8	18	2	0	2	2	0	3	7	9	5	3	0	0	1	20	8	2	1	10	10	3	1	1	0	3
	Coltishall ... H	3	57	1014.8	-	2.6	0.7	6.5	87	6.8	3	0	3	1	19	5	0	2	3	1	5	5	8	6	1	0	0	0	14	15	2	3	8	12	1	2	0	1	2
		9	57	1015.2	-	3.2	0.9	6.6	84	7.0	2	0	2	7	19	1	0	1	0	2	7	5	9	6	1	0	0	0	17	11	3	2	11	8	2	2	0	2	1
		15	57	1014.5	-	4.5	0.8	6.8	79	6.9	1	1	2	10	17	0	0	0	0	0	5	6	9	9	2	0	0	1	18	10	2	4	8	11	2	1	1	1	1
		21	57	1015.1	-	3.2	0.9	6.6	85	7.0	2	0	2	5	19	3	0	0	2	2	4	7	8	7	1	0	0	1	15	12	3	4	8	11	1	2	0	0	2
	Gorleston H	3	26	1015.1	-	3.2	0.7	6.8	87	6.3	5	0	2	2	20	2	0	1	0	1	4	4	13	8	0	0	0	8	12	10	1	1	10	6	8	1	0	1	3
		9	26	1015.4	-0.7	3.2	0.7	6.9	88	6.9	1	2	1	6	16	5	0	0	4	1	3	3	15	5	0	0	0	7	15	9	0	1	11	8	5	2	1	1	2
		15	26	1014.8	-	3.6	0.8	6.8	85	6.7	1	2	4	5	16	3	0	0	2	2	2	5	14	6	0	0	0	5	16	9	1	2	11	6	6	3	0	0	2
		21	26	1015.3	-	3.5	0.8	6.8	87	6.5	4	0	2	4	19	2	0	2	0	0	4	2	16	7	0	0	0	9	11	10	1	2	11	6	5	3	1	0	2
Suffolk	Mildenhall H	3	39	1014.4	-	2.8	0.7	6.7	88	7.2	0	0	4	6	21	0	0	0	1	1	4	8	9	7	1	0	0	0	5	24	2	8	5	12	0	2	0	0	2
		9	39	1014.9	-	3.6	1.0	6.7	83	7.4	1	0	1	6	23	0	0	0	0	0	4	11	8	7	1	0	0	1	9	19	2	2	10	11	1	2	0	2	1
		15	39	1013.9	-	6.0	1.8	6.9	73	6.6	2	2	1	8	18	0	0	0	0	0	0	9	5	12	5	0	0	0	14	16	1	4	7	11	2	1	1	2	2
		21	39	1014.7	-	3.6	0.9	6.8	85	6.6	3	2	0	7	19	0	0	0	0	1	1	9	10	10	0	0	0	0	7	23	1	5	10	9	2	1	1	1	1
	Wattisham H	3	299	1014.4	-	2.1	0.5	6.6	91	6.5	4	0	3	2	21	1	0	1	1	2	4	10	6	7	0	0	0	0	14	17	0	4	10	8	4	0	3	0	2
		9	299	1014.8	-	2.7	0.6	6.8	90	6.7	2	3	0	5	20	1	0	0	0	4	2	11	8	5	1	0	0	1	14	15	1	6	8	9	2	2	0	2	1
		15	299	1014.0	-	4.7	1.4	6.8	78	6.3	2	2	2	11	14	0	0	0	0	1	2	6	8	11	3	0	0	0	19	11	1	4	9	8	5	0	1	1	2
		21	299	1014.7	-	2.9	0.7	6.7	87	6.9	3	0	0	8	19	1	0	1	1	0	2	7	16	4	0	0	0	0	10	21	0	4	12	8	1	2	2	1	1
	Aldeburgh H	3	35	1015.0	-	3.2	0.8	6.7	86	5.9	8	0	0	1	20	2	0	1	0	2	1	2	14	11	0	0	0	5	12	14	0	3	8	9	3	0	4	2	2
		9	35	1015.5	-	3.4	0.7	7.0	89	7.1	1	1	1	7	20	1	0	0	0	1	2	6	15	7	0	0	0	5	12	14	0	5	10	7	3	1	2	2	1
		15	35	1015.0	-	3.9	0.9	6.9	84	6.3	3	2	2	6	17	1	1	0	1	1	2	5	12	9	0	0	0	6	12	13	0	3	11	7	4	3	0	1	2
		21	35	1015.1	-	3.7	0.9	6.9	86	6.3	5	1	1	1	22	1	0	0	1	1	4	0	13	12	0	0	1	6	13	11	0	3	9	10	4	1	1	0	3
Huntingdon	Wyton ... H	3	141	1014.6	-	2.4	0.5	6.7	90	7.0	2	1	2	1	25	0	0	0	3	0	1	7	15	5	0	0	0	0	13	17	1	7	7	9	2	0	2	1	2
		9	141	1015.0	-	3.2	0.8	6.8	87	6.8	1	2	2	9	17	0	0	0	1	0	5	11	9	5	0	0	0	1	13	16	1	6	8	8	3	2	0	2	1
		15	141	1013.9	-	5.8	1.6	7.1	76	6.8	1	3	1	7	19	0	0	0	0	1	1	6	16	4	3	0	0	0	18	10	3	6	9	7	3	1	1	1	0
		21	141	1014.9	-	3.3	0.7	6.9	86	6.5	3	0	5	2	21	0	0	1	0	1	2	10	11	6	0	0	0	0	13	16	2	7	7	9	2	0	2	0	2
Bedford	Cardington H	3	96	1014.3	-	2.8	0.6	6.9	90	7.3	1	1	1	5	23	0	0	0	1	0	5	5	16	4	0	0	0	0	6	24	1	10	5	10	1	1	1	1	1
		9	96	1014.7	-	3.5	0.7	7.0	87	6.6	3	1	0	11	15	1	0	0	0	1	5	8	12	5	0	0	0	0	11	20	0	9	8	9	2	1	0	2	0
		15	96	1013.7	-	6.3	1.9	6.9	72	6.6	2	1	3	10	15	0	0	0	0	1	2	4	10	14	0	0	0	0	16	12	3	7	6	9	3	0	1	1	1
		21	96	1014.6	-	3.5	0.8	6.9	86	6.0	5	1	2	5	18	0	0	0	0	0	5	5	12	8	1	0	0	0	9	20	2	8	7	8	2	0	2	1	1
Hertford	Bovingdon H	3	517	1014.1	-	2.3	0.5	6.6	90	7.0	3	0	1	2	25	0	0	0	0	1	8	5	13	4	0	0	0	0	10	19	2	5	11	8	3	0	1	1	0
		9	517	1014.5	-	2.8	0.8	6.6	86	6.5	2	3	2	3	21	0	0	0	1	3	4	8	8	7	0	0	0	0	11	18	2	3	9	7	5	2	0	0	3
		15	517	1013.4	-	5.3	1.8	6.5	72	6.7	1	1	5	5	19	0	0	0	1	2	2	2	11	8	5	0	0	0	16	14	1	4	7	4	7	4	1	1	2
		21	517	1014.4	-	3.1	0.8	6.7	85	6.1	3	3	1	3	21	0	0	1	0	1	3	8	12	6	0	0	0	0	6	23	2	6	7	6	7	1	2	0	0
Essex	Stansted H	3	334	1014.2	-	2.3	0.4	6.7	92	7.1	2	1	0	4	24	0	0	0	2	1	2	13	7	5	1	0	0	0	14	16	1	4	8	10	2	0	3	1	2
		9	334	1014.6	-	3.0	0.8	6.7	87	6.6	2	1	3	8	17	0	0	0	0	0	3	13	9	2	4	0	0	0	16	12	3	5	6	8	4	1	0	1	3
		15	334	1013.6	-	5.3	1.7	6.7	74	6.5	2	3	1	9	16	0	0	0	0	1	2	3	7	11	3	4	0	0	18	10	3	4	9	9	2	0	1	1	2
		21	334	1014.5	-	3.0	0.7	6.7	88	6.2	3	2	3	4	18	1	0	1	0	1	2	8	11	4	4	0	0	0	12	18	1	5	11	7	3	0	3	0	1
	Shoeburyness H	9	17	1014.8	-1.7	3.9	0.9	7.0	85	6.6	3	0	3	7	18	0	0	0	0	2	5	6	16	2	0	0	0	0	16	15	0	5	6	9	5	1	0	2	3
		15	17	1013.9	-	5.2	1.3	7.1	79	6.5	2	2	1	10	16	0	0	0	1	1	1	5	14	9	0	0	0	1	17	11	2	5	9	8	4	0	1	0	2
		21	17	1014.7	-	3.8	0.9	6.9	85	5.9	6	1	2	4	18	0	0	0	1	0	2	5	12	11	0	0	0	2	12	17	0	6	6	7	5	1	2	2	2
	Walton-on-Naze ... H	3	21	1014.1	-	3.3	0.7	6.9	87	6.0	5	2	1	3	16	4	1	0	1	1	2	4	20	2	0	0	0	3	13	15	0	5	5	8	7	0	1	3	2
		9	21	1014.7	-	3.5	0.7	6.9	87	6.8	1	2	0	10	16	2	0	0	0	4	4	4	18	1	0	0	0	8	11	12	0	2	3	11	7	2	2	0	4
		15	21	1014.0	-	4.4	0.9	7.2	85	6.3	3	2	1	9	14	2	0	0	0	4	2	4	18	3	0	0	0	7	10	14	0	2	6	12	5	2	2	0	2
		21	21	1014.3	-	3.9	0.8	7.0	86	6.6	1	3	2	5	18	2	0	1	0	0	2	4	18	6	0	0	0	9	10	11	1	2	5	12	6	0	2	1	2
4 MIDLAND COUNTIES																																							
Yorks, W.R.	Huddersfield Oakes H	3	769	1015.2	-	1.0	0.5	6.0	89	6.9	1	1	4	1	24	0	2	4	1	5	1	10	6	1	1	0	0	0	11	15	5	6	5	8	4	0	2	0	1
		9	769	1015.5	-	1.5	0.5	6.3	91	7.3	1	0	2	4	23	1	1	5	4	3	2	9	6	0	1	0	0	0	7	22	2	3	13	8	2	2	0	1	0
		15	769	1014.5	-	3.7	1.2	6.4	81	7.1	0	0	4	6	21	0	0	3	3	1	3	6	12	1	1	1	0	0	8	21	2	3	7	9	8	0	1	0	1
		21	769	1015.4	-	1.9	0.5	6.5	91	6.9	0	3	2	5	21	0	1	2	3	0	4	7	12	0	2	0	0	0	5	20	6	3	6	7	6	0	1	0	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS March 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount: No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1014.9	-	1.9	0.4	6.6	93	7.0	3	0	1	4	19	4	0	2	1	3	5	3	12	5	0	0	0	0	9	17	5	4	4	15	1	0	0	2	0
	9	390	1015.3	-	2.7	0.6	6.8	90	6.6	2	1	1	6	19	2	0	2	1	5	6	8	5	4	0	0	0	0	9	21	1	2	12	9	3	2	0	0	2
	15	390	1014.2	-	5.1	1.3	7.1	80	6.7	2	1	4	5	19	0	0	0	0	2	4	7	11	4	3	0	0	0	13	16	2	2	5	15	3	2	0	1	1
	21	390	1015.3	-	2.6	0.5	6.8	90	6.9	2	0	4	4	20	1	0	0	1	1	7	6	15	1	0	0	0	0	5	24	2	2	5	15	3	1	2	0	1
Finningley H	3	46	1015.5	-	2.8	0.6	6.8	89	6.8	3	0	2	4	18	4	0	1	0	4	3	4	15	3	1	0	0	0	11	18	2	9	0	14	2	0	0	1	3
	9	46	1016.0	-	3.4	0.8	6.8	86	6.9	1	2	1	7	20	0	0	0	1	2	6	4	12	4	2	0	0	4	5	20	2	10	5	9	2	2	0	0	1
	15	46	1015.1	-	5.7	1.6	7.0	76	7.0	0	1	4	9	17	0	0	0	0	0	2	5	13	8	3	0	0	3	14	14	0	4	9	9	4	3	0	1	1
	21	46	1015.8	-	3.5	0.8	6.8	86	7.2	1	0	2	6	22	0	0	0	0	1	3	6	16	4	1	0	0	0	7	20	4	6	8	9	3	0	1	0	0
Northampton Wittering H	3	219	1014.9	-	2.5	0.6	6.7	90	7.4	2	0	0	2	24	3	0	0	4	3	0	8	9	6	1	0	0	0	10	19	2	7	5	8	4	0	2	0	3
	9	219	1015.2	-	2.9	0.7	6.8	89	7.2	1	1	0	8	17	4	0	1	1	3	7	2	11	3	2	1	0	1	15	15	0	7	7	10	1	2	0	2	2
	15	219	1014.2	-	5.4	1.5	6.9	77	6.8	1	2	2	9	17	0	0	0	0	0	3	3	11	11	3	0	0	0	17	14	0	7	10	6	5	1	1	0	1
	21	219	1015.1	-	3.2	0.8	6.8	87	6.9	2	0	2	6	19	2	0	1	0	1	2	6	16	4	1	0	0	0	12	17	2	6	8	11	0	0	1	2	1
Warwick Edgbaston H	9	542	1014.8	-	2.8	0.7	6.7	88	6.8	2	1	2	5	19	2	0	2	1	3	12	6	6	0	1	0	0	0	6	25	0	9	5	9	5	0	0	0	3
	15	542	1013.8	-	5.3	1.6	6.9	76	6.8	2	2	0	7	20	0	0	0	1	0	8	5	11	5	1	0	0	1	7	23	0	3	9	11	4	1	1	0	2
	21	542	1014.7	-	3.6	0.9	6.9	85	6.6	3	1	2	4	20	1	0	1	1	1	6	8	10	4	0	0	0	0	4	27	0	5	8	12	2	1	1	0	2
	3	362	1014.3	-	2.2	0.4	6.7	92	6.4	4	1	2	4	20	0	0	0	1	3	1	11	10	3	2	0	0	0	9	15	7	3	7	8	1	1	0	2	2
Elmdon ... H	9	362	1014.6	-	2.9	0.7	6.7	87	7.0	1	1	1	9	18	1	0	0	1	1	8	9	11	1	0	0	0	1	8	20	2	7	6	8	6	0	0	0	2
	15	362	1013.6	-	5.7	1.7	6.9	74	6.7	1	3	0	10	17	0	0	0	0	1	2	6	14	8	0	0	0	1	14	16	0	4	10	7	6	1	1	0	2
	21	362	1014.4	-	3.4	0.8	6.8	85	6.6	2	2	2	5	19	1	0	1	0	1	2	14	10	3	0	0	0	0	8	20	3	3	11	9	2	0	1	0	2
Shropshire Shawbury H	3	249	1014.4	-	2.4	0.5	6.7	90	6.6	4	0	2	3	21	1	0	0	0	2	5	12	7	3	2	0	0	0	4	24	3	7	3	10	3	0	1	3	1
	9	249	1014.8	-	3.2	0.8	6.7	86	6.6	1	3	2	6	19	0	0	0	0	3	5	7	12	2	1	1	0	1	8	20	2	6	4	14	3	0	0	0	2
	15	249	1013.6	-	6.1	1.8	7.0	73	6.3	1	3	4	8	15	0	0	0	0	2	2	5	15	4	1	2	0	1	9	20	1	3	8	12	5	1	0	0	1
	21	249	1014.7	-	3.5	0.7	7.0	87	7.2	2	1	1	8	19	0	0	0	1	0	8	7	10	3	1	1	0	0	8	23	0	5	7	14	2	0	1	1	1
Worcester Pershore ... H	3	117	1014.2	-	2.8	0.6	6.8	89	6.4	2	3	3	2	20	1	0	0	0	2	3	10	10	4	1	1	0	0	9	18	4	3	8	11	2	1	0	1	1
	9	117	1014.5	-	3.7	0.7	7.1	88	6.8	1	3	1	4	22	0	0	0	1	1	8	8	9	1	2	1	0	1	11	16	3	3	6	10	6	1	0	0	2
	15	117	1013.5	-	6.7	2.3	7.0	71	6.7	1	3	0	0	10	17	0	0	0	0	1	6	9	12	1	2	0	1	17	12	1	1	11	7	2	5	2	0	2
	21	117	1014.3	-	4.1	1.1	6.8	82	6.7	2	2	1	4	22	0	0	0	0	1	4	6	13	5	1	1	0	0	13	15	3	3	7	11	3	2	1	0	1
Hereford Ross-on-Wye H	9	226	1013.7	-2.3	4.0	0.9	7.0	84	6.8	1	1	3	9	16	1	0	1	0	2	3	5	15	1	4	0	0	0	3	25	3	4	12	5	2	3	1	0	1
	15	226	1012.7	-	6.8	2.2	7.0	70	6.6	1	2	3	8	17	0	0	0	1	0	2	1	20	2	4	1	0	0	8	23	0	6	7	10	1	3	2	1	1
	21	226	1013.8	-	4.5	1.2	7.0	81	6.8	1	2	2	7	19	0	0	0	0	0	3	4	18	4	2	0	0	0	3	28	0	2	10	8	4	0	3	3	1
Gloucester Filton ... H	3	197	1013.1	-	3.4	0.7	7.0	87	7.1	2	1	0	6	21	1	0	1	0	0	2	1	20	5	1	1	0	0	5	22	4	5	11	4	4	0	2	1	0
	9	197	1013.6	-	4.4	0.9	7.4	85	6.5	1	2	3	12	13	0	0	0	0	1	1	7	17	2	1	2	0	0	9	20	2	5	7	9	2	3	1	0	2
	15	197	1012.6	-	7.1	2.1	7.3	71	6.6	0	3	2	13	13	0	0	0	0	0	1	2	13	10	3	2	0	0	14	16	1	6	6	9	0	3	2	3	1
	21	197	1013.5	-	4.5	1.1	7.1	82	6.1	1	2	7	7	14	0	0	0	0	0	2	3	18	6	1	1	0	0	8	21	2	7	5	10	1	1	2	3	0
Gloucester H	3	79	1014.0	-	3.8	0.9	7.0	85	6.9	2	2	0	3	23	1	0	0	0	2	5	10	12	1	1	0	0	0	5	22	4	6	9	4	3	2	2	1	0
	9	79	1014.3	-	4.7	1.1	7.2	82	6.7	2	1	1	10	16	1	0	0	0	2	4	9	9	5	0	2	0	1	7	21	2	9	7	4	4	3	1	0	1
	15	79	1013.4	-	7.3	2.2	7.2	70	6.8	1	1	3	7	19	0	0	0	0	0	1	6	14	7	1	2	0	1	9	20	1	4	7	8	3	2	2	2	2
	21	79	1014.3	-	5.1	1.5	7.1	79	6.4	2	1	5	6	17	0	0	0	0	0	6	7	12	5	0	1	0	0	4	26	1	5	6	9	2	2	3	1	2
Little Rissington H	3	751	1014.0	-	1.8	0.4	6.6	93	6.8	2	3	0	0	19	7	0	3	2	4	1	8	6	6	1	0	0	0	10	19	2	4	10	7	4	0	1	2	1
	9	751	1014.4	-	2.3	0.5	6.7	90	6.8	3	1	0	5	12	10	0	7	2	1	2	8	6	2	2	1	0	0	11	19	1	5	8	9	2	3	1	0	2
	15	751	1013.3	-	4.9	1.4	6.9	78	6.7	1	1	4	6	16	3	0	1	0	3	1	2	11	8	5	0	0	1	14	14	2	4	9	8	2	4	1	1	0
	21	751	1014.2	-	2.8	0.7	6.7	88	6.3	4	2	1	5	18	1	0	0	1	2	5	5	8	9	1	0	0	0	12	19	0	6	11	7	1	2	3	0	1
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	86	1013.6	-	3.6	0.8	7.0	86	6.8	2	1	3	5	20	0	0	0	0	0	1	8	15	7	0	0	0	0	8	23	0	5	12	9	0	1	2	0	2
	9	86	1014.1	-	4.2	1.1	7.0	82	6.6	3	1	1	7	19	0	0	0	0	0	3	10	12	5	1	0	0	0	14	17	0	6	9	7	3	2	1	0	3
	15	86	1013.1	-	6.8	2.3	6.8	68	6.5	1	4	2	7	17	0	0	0	0	2	1	5	12	8	2	1	0	0	17	14	0	5	9	5	3	3	1	2	3
	21	86	1013.9	-	4.6	1.2	7.0	80	6.6	0	3	3	7	18	0	0	0	0	0	2	10	14	4	1	0	0	0	10	21	0	5	10	7	2	2	2	0	3
Surrey Kew Observatory H	9	34	1014.2	+3.7	4.6	1.5	6.7	76	6.8	2	2	0	7	20	0	0	0	0	0	3	7	14	5	1	1	0	0	15	14	2	6	8	9	1	2	1	0	2
	15	34	1013.2	-	6.7	2.5	6.5	64	6.7	1	2	3	8	17	0	0	0	0	2	1	7	11	6	2	2	0	0	15	15	0	5	7	10	2	2	3	1	1
	21	34	1014.1	-	4.9	1.5	6.8	76	7.0	2	0	0	12	17	0	0	0	0	0	1	10	15	4	1	0	0	0	10	21	0	5	10	8	3	1	2	1	1
Gatwick H	3	195	1013.4	-	3.2	0.6	7.0	88	6.8	2	2	1	3	23	0	0	0	0	0	3	5	13	10	0	0	0	0	4	27	0	7	8	8	2	1	2	0	3
	9	195	1013.9	-	3.8	0.9	7.1	85	6.7	3	1	1	4	22	0	0	0	0	1	4	5	16	4	1	0	0	0	11	20	0	3	11	7	1	3	1	0	5
	15	195	1013.0	-	6.2	1.8	7.1	74	6.5	0	4	3	5	19	0	0	0	0	0	2	5	11	8	5	0	0	0	16	15	0	4	10	5	1	4	3	2	2
	21	195	1013.6	-	4.0	0.9	7.1	85	6.6	1	2	4	6	18	0	0	0	0	0	0	7	18	6	0	0	0	0	8	23	0	2	13	7	2	2	3	0	2
Kent Deal ... H	3	34	1014.1	-	4.0	0.5	7.6	91	5.6	8	0	2	1	20	0	0	0	1	0	1	5	8	15	1	0	0	6	11	14	0	3	4	11	5	2	2	1	3
	9	34	1014.2	-	4.1	0.7	7.3	87	6.5	2	2	0	11	16	0	0	0	0	0	6	4	17	4	0	0	0	5	12	12	2	4	7	7	2	4	0	2	3
	15	34	1013.9	-	5.3	4.4	7.8	87	6.5	4	0	0	9	18	0	0	0	0	0	5	5	13	8	0	0	0	4	16	11	0	3	8	9	3	2	3	0	3
	21	34	1014.3	-	4.6	0.6	7.6	89	5.9	5	2	2	3	19	0	0	0	0	1	1	3	16	10	0	0	0	7	10	14	0	4	7	8	4	0	4	2	2
Manston ... H	3	148	1013.8	-	3.2	0.9	6.7	85	6.4	4	0	2	6	18	1	0	0	1	0	2	5	11	9	3	0	0	1	17	13	0	2	9	6	6	1	3	1	3
	9	148	1014.3	-	3.9	1.0	6.9	82	6.3	3	0	4	11	13	0	0	0	0	2	1	7	14	6	1	0	0	1	19	11	0	4	8	8	4	2	0	2	3
	15	148	1013.6	-	5.6	1.6	7.1	75	6.4	4	1	2	6	17	1	0	0	0	1	2	2	13	9	4	0	0	2	22	6	1	3	10	7	2	2	2	1	3
	21	148	1014.2	-	4.0	1.0	6.9	83	6.2	3	2	3	4	19	0	0	0	0	2	0	5	10	13	1	0	0	0	21	10	0	2	9	7	5	0	5	0	3
Sussex Thorney Island H	3	35	1013.2	-	4.1	0.8	7.3	86	6.5	3	2	2	1	23	0	0	0	0	0	2	5	14	6	3	1	0	0	6	24	1	7	7	7	3	1	2	1	2
	9	35	1013.7	-	4.6	0.9	7.4	85	6.3	2	3	2	8	16	0	0	0	0	1	2	6	14	3	3	2	0	0	12	18	1	5	10	5	2	4	0	1	3
	15	35	1012.8	-	6.6	1.8	7.4	74	6.4	2	1	6	7	15	0	0	0	0	0	0	3	14	9	3	2	0	1	17	12	1	4	8	7	3	2	3	1	2
	21	35	1013.7	-	4.6	0.9	7.4	85	6.6	3	1	1	7	18	1	0	0	0	1	1	6	14	5	3	1	0	0	7	21	3	2	8	8	3	0	2	3	2
East Hoathly H	9	133	1013.8	-	4.4	1.0	7.1	83	6.3	2	2	4	4	19	0	0	0	0	1	5	6	15	3	0	0	0	0	8	23	0	7	8	6	3	3	1	2	1
	15	133	1013.0	-	6.4	1.8	7.1	74	6.6	1	2	4	6	18	0	0	0	0	0	3	5	16	4	3	0	0	1	14	15	1	5	6	6	4	3	2	1	3
	21	133	1013.8	-	4.1	0.9	7.1	84	6.8	3	0	1	6	21	0	0	0	0	2	0	5	19	2	2	1	0	0	7	20	4	7	5	7	3	1	2	1	1
Eastbourne Coastguard H	9	24	1013.9	-	4.3	0.9	7.2	85	6.3	3	1	4	8	15	0	0	0	0	0	3	4	18	6	0	0	0	0	15	12	4	7	4	11	0	3	0	1	1
	15	24	1013.0	-	6.0	1.5	7.2	76	6.6	2	0	4	9	16	0	0	1	0	0	1	1	19	9	0	0	1	2	16	8	4	7	0	12	1	2	1	4	0
	21	24	1013.4	-	4.8	1.1	7.2	83	6.4	3	0	5	8	15	0	0	0	0	3	1	0	16	10	0	1	0	3	12	11	5	7	1	13	0	1	0	4	0
Berkshire Abingdon H	3	234	1013.9	-	3.0	0.6	6.9	88	6.5	5	0	1	3	22	0	0	0	0	1	4	9	9	7	1	0	0	0	11	17	3	7	10	7	0	1	1	0	2
	9	234	1014.3	-	3.8	0.9	7.0	85	6.4	3	2	1	6	19	0	0	0	0	1	3	14	7	4	1	1	0	0	12	15	4	5	10	6	4	0	0	0	2
	15	234	1013.3	-	6.5	0.9	7.1	72	6.7	1	1	3	9	17	0	0	0	0	1	0	6	11	8	4	1	0	0	19	11	1	5	7	9	3	2	1	1	2
	21	234	1014.3	-	4.1	1.0	7.0	83	6.4	3	0	4	7	17	0	0	0	0	1	3	5	13	8	1	0	0	0	7	21	3	4	9	8	3	0	2	0	2
Hampshire Hurn ... H	3	46	1013.0	-	3.8	0.8	7.1	86	6.4	5	1	0	3	22	0	0	0	0	0	1	5	14	10	1	0	0	0	7	23	1	7	4	7	2	3	2	1	4
	9	46	1013.5	-	5.0	1.1	7.4	81	6.2	2	2	4	8	15	0	0	0	0	0	1	8	13	6	2	1	0	0	14	16	1	6	8	6	4	2	1	1	2
	15	46	1012.7	-	7.0	2.1	7.1	70	6.5	1	2	4	9	15	0	0	0	0	0	2	5	10	7	6	1	0	0	18	13	0	4	6	8	1	5	4	0	3
	21	46	1013.5	-	4.9	1.1	7.4	82	7.1	2	0	0	12	17	0	0	0	0	0	1	4	15	8	3	0	0	0	5	26	0	6	6	8	3	1	0	3	4
Wiltshire Lyneham H	3	231	1013.7	-	3.1	0.5	7.1	89	6.5	3	2	1	4	21	0	0	0	0	0	5	9	13	3	1	0	0	0	3	24	4	7	5	8	1	1	1	3	1
	9	231	1014.2	-2.2	4.1	0.9	7.1	84	6.4	2	3	1	9	16	0	0	0	0	1	2	11	9	5	2	1	0	0	9	20	2	6	7	9	2	2	0	2	1
	15	231	1013.1	-	6.5	1.9	7.2	72	6.5	0	4	2	9	16	0	0	0	0	0	1	6	10	7	6	1	0	0	13	17	1	3	8	6	5	3	0	2	3
	21	231	1014.0	-	4.2	0.9	7.2	85	6.3	2	4	1	6	18	0	0	0	0	0	2	10	16	2	1	0	0	0	6	24	1	4	8	7	4	1	2	1	3
	3	489	1013.6	-	2.6	0.5	6.8	89	7.0	2	0	3	3	22	1	0	0	1	0	2	8	13	5	1	1	0	0	14	17	0	6	7	8	4	1	1	2	2
	9	489	1014.0	-	3.4	0.8	7.0	86	6.4	2	2	3	8	14	2	0	1	1	1	2	7	13	3	3	0	0	0	17	14	0	5	9	7	2	4	2	0	2
	15	489	1013.0	-	5.9	1.8	7.0	74	6.4	0	3	4	10	14	0	0	0	0	1	1	1	13	6	6	3	0	0	22	9	0	1	11	7	2	3	2	2	3
	21	489	1013.9	-	3.5	0.9	6.8	85	6.3	1	3	3	8	16	0	0	0	0	0	2	6	13	5	4	1	0	0	14	17	0	4	9	6	5	0	3	1	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS March 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 to 2	3 to 5	6 to 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more (Speed in knots: 34 or more)	6, 7 (22 to 33)	4, 5 (11 to 21)	1 to 3 (1 to 10)	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																														
5 ENGLAND, S.E.—cont.																																						
Boscombe Down H	3	419	1013.4	-	3.0	0.7	6.9	87	6.9	3	1	0	3	24	0	0	0	0	2	1	6	14	8	0	0	0	0	13	15	3	2	8	7	3	1	0	2	5
	9	419	1013.8	-	3.8	0.8	7.0	84	6.4	3	1	4	6	17	0	0	1	0	0	3	8	9	6	4	0	0	0	12	16	3	6	6	8	2	4	0	0	2
	15	419	1012.8	-	6.2	1.9	7.0	73	6.6	1	3	1	10	16	0	0	0	0	1	1	1	9	9	7	3	0	0	16	14	1	3	8	7	2	3	2	2	3
	21	419	1013.2	-	3.6	0.9	6.9	84	6.2	2	2	4	8	15	0	0	0	0	1	0	6	10	14	0	0	0	0	9	22	0	3	8	9	3	2	1	2	3
Upavon ... H	9	582	1013.6	-	3.4	0.6	7.1	88	6.0	3	4	1	7	15	1	0	2	0	0	1	4	19	3	1	1	0	3	12	16	0	5	7	9	3	4	2	0	1
	15	582	1012.6	-	5.7	1.6	7.1	75	6.7	0	3	2	11	15	0	0	0	0	1	1	2	13	5	7	2	0	4	13	13	1	5	7	7	2	4	0	4	1
	21	582	1013.5	-	3.1	0.7	6.9	88	5.6	6	2	3	4	16	0	0	0	0	2	4	2	12	6	5	0	0	1	11	19	0	2	9	8	4	1	2	4	1
7a ENGLAND, N.W.																																						
Cumberland Carlisle ... H	3	92	1016.3	-	2.9	0.7	6.6	87	6.7	1	3	2	5	20	0	0	0	0	0	2	3	22	3	1	0	0	0	4	23	4	5	5	14	1	0	0	1	1
	9	92	1016.7	-	3.7	1.0	6.7	83	6.7	1	1	2	14	13	0	0	1	0	0	1	4	16	8	1	0	0	1	9	18	3	0	8	14	3	0	0	1	2
	15	92	1015.8	-	6.3	1.9	6.8	71	6.8	0	2	4	9	16	0	0	0	0	0	0	4	12	11	3	1	0	1	11	19	0	2	7	13	6	1	0	1	1
	21	92	1016.6	-	3.7	1.0	6.7	84	6.6	2	3	0	8	18	0	0	0	0	0	1	6	17	6	1	0	0	0	9	18	4	3	7	14	1	0	0	1	1
Lancashire Squires Gate H	3	35	1014.6	-	2.9	0.6	6.9	90	6.3	2	2	3	10	14	0	0	0	0	1	3	9	9	9	0	0	0	2	9	20	0	3	7	12	7	0	0	0	2
	9	35	1015.0	-	4.1	0.8	7.1	86	6.8	1	1	3	10	16	0	0	0	0	0	3	12	13	3	0	0	0	6	10	14	1	1	4	15	5	2	0	0	2
	15	35	1014.4	-	6.4	1.5	7.5	77	6.8	1	0	3	14	13	0	0	0	0	1	1	11	12	5	1	0	0	5	16	10	0	0	4	14	17	1	0	1	4
	21	35	1014.9	-	3.7	0.8	7.0	87	6.6	1	2	4	6	18	0	0	0	0	0	5	11	13	2	0	0	0	1	12	18	0	0	6	13	8	0	0	0	4
Speke ... H	3	85	1014.7	-	3.5	0.8	6.9	87	6.5	3	1	2	4	21	0	0	0	0	0	2	10	11	7	0	1	0	4	6	20	1	4	7	11	4	1	0	1	2
	9	85	1015.1	-	4.1	1.0	6.9	83	6.6	1	1	4	10	15	0	0	0	0	0	4	12	13	2	0	0	0	5	6	20	0	3	6	13	6	1	0	1	1
	15	85	1014.2	-	6.6	1.9	7.1	72	6.5	1	1	6	9	14	0	0	0	0	0	3	6	19	2	1	0	0	3	14	14	0	1	6	11	8	3	0	1	1
	21	85	1014.9	-	4.5	1.1	7.1	82	6.2	3	3	1	8	16	0	0	0	0	1	3	13	12	2	0	0	0	0	13	17	1	2	8	11	6	0	0	1	2
Cheshire Ringway H	3	251	1014.5	-	3.1	1.0	6.4	81	6.5	4	1	0	7	18	1	0	0	0	0	1	4	20	5	1	0	0	0	11	13	7	1	8	10	2	1	0	1	1
	9	251	1014.9	-	3.7	1.4	6.2	77	6.5	3	1	2	8	16	1	0	0	0	1	1	5	21	2	1	0	0	2	6	20	3	2	8	11	5	0	0	0	2
	15	251	1013.8	-	6.1	2.4	6.2	65	6.5	2	1	3	8	17	0	0	0	0	1	0	6	19	5	0	0	0	2	14	14	1	1	8	10	5	2	1	1	2
	21	251	1014.8	-	3.9	1.4	6.3	77	6.2	3	2	4	3	17	2	0	0	0	0	2	10	17	2	0	0	0	0	10	21	0	0	8	14	5	1	0	1	2
7b NORTH WALES																																						
Anglesey Valley ... H	3	36	1013.1	-	4.3	0.8	7.3	86	5.8	4	1	0	7	18	1	0	0	0	0	1	4	20	5	1	0	0	0	11	13	7	1	8	10	2	1	0	1	1
	9	36	1013.4	-1.3	5.6	1.2	7.6	83	6.0	3	1	2	8	16	1	0	0	0	1	1	5	21	2	1	0	0	2	6	20	3	2	8	11	5	0	0	0	2
	15	36	1012.8	-	7.7	1.8	7.9	74	6.1	2	1	3	8	17	0	0	0	0	1	0	6	19	5	0	0	0	2	14	14	1	1	8	10	5	2	1	1	2
	21	36	1013.5	-	5.2	1.0	7.6	85	5.3	3	2	4	3	17	2	0	0	0	0	2	10	17	2	0	0	0	0	10	21	0	0	8	14	5	1	0	1	2
8a SOUTH WALES																																						
Cardigan Aberporth H	3	382	1012.3	-	4.0	0.8	7.1	85	5.8	4	3	3	3	18	0	0	0	0	0	0	3	17	8	2	1	0	5	11	13	2	1	1	9	8	8	0	1	1
	9	382	1012.8	-	4.8	1.1	7.2	81	5.8	2	5	2	9	13	0	0	0	0	0	2	0	17	5	4	3	0	2	13	16	0	1	5	7	10	6	0	0	2
	15	382	1012.0	-	7.0	1.9	7.5	73	5.5	0	7	4	12	7	1	0	1	0	0	0	0	10	15	4	1	0	1	21	9	0	3	8	2	8	4	2	3	1
	21	382	1012.8	-	5.0	1.1	7.3	82	6.0	2	3	4	9	13	0	0	0	0	0	0	2	17	9	3	0	0	2	12	17	0	2	4	5	12	1	3	3	1
Glamorgan Mumbles Head H	3	123	1012.7	-	4.3	1.1	6.9	82	5.3	5	4	3	2	17	0	0	0	0	0	2	1	14	12	2	0	4	3	12	11	1	2	6	13	4	1	0	0	4
	9	123	1013.0	-	4.6	1.1	7.0	81	6.4	1	2	5	7	15	1	1	0	0	3	1	4	16	6	0	0	3	2	16	9	1	2	8	11	3	1	1	1	3
	15	123	1012.3	-	6.4	1.9	7.4	73	6.5	0	2	5	14	9	1	0	1	0	1	1	2	18	6	2	0	1	9	13	8	0	1	5	9	4	4	3	4	1
	21	123	1012.9	-	5.2	1.3	7.2	80	5.5	4	5	2	4	16	0	0	0	0	0	1	2	20	8	0	0	2	5	14	9	1	4	5	14	1	0	1	4	1
Rhoose ... H	3	225	1012.8	-	3.3	0.6	7.0	89	5.9	3	4	2	5	16	1	0	0	1	0	5	3	11	6	4	1	0	1	17	9	4	1	5	13	4	1	0	1	2
	9	225	1013.4	-	4.2	0.8	7.3	86	6.4	0	4	4	9	11	3	0	1	1	1	3	8	9	3	5	0	0	3	15	11	2	0	9	11	3	2	0	1	3
	15	225	1012.5	-	6.7	1.9	7.2	73	6.8	0	2	2	14	13	0	0	0	0	1	1	3	13	9	2	3	0	1	20	10	0	0	6	14	4	1	0	5	1
	21	225	1013.4	-	4.3	1.0	7.2	85	6.4	2	2	3	5	18	1	0	0	0	1	2	3	13	9	2	1	0	1	13	16	1	2	4	12	4	1	1	3	3
8b ENGLAND, S.W.																																						
Dorset Portland Bill H	3	35	1012.1	-	4.9	0.7	7.8	88	6.2	5	2	0	1	22	1	0	0	0	1	0	0	13	7	10	0	1	7	16	7	0	5	8	6	3	3	1	3	2
	9	35	1012.6	-	5.2	0.9	7.7	86	6.4	2	1	4	8	15	1	0	0	0	0	0	1	17	6	7	0	0	9	17	5	0	5	8	7	2	2	2	3	2
	15	35	1011.9	-	6.5	1.4	7.8	79	6.8	0	3	2	10	15	1	0	0	0	1	0	1	20	4	5	0	3	6	13	9	0	3	6	12	2	1	2	4	1
	21	35	1012.5	-	5.6	1.0	7.8	85	6.2	3	1	5	4	18	0	0	0	0	0	1	0	20	5	5	0	1	7	18	5	0	4	7	11	2	0	2	2	3
Devon Hartland Pt. H	3	306	1011.4	-	5.2	0.8	8.0	88	5.3	3	6	3	6	13	0	0	0	0	0	0	1	15	10	3	2	1	8	10	12	0	0	7	7	4	6	3	2	2
	9	306	1011.7	-	5.5	1.0	7.8	84	6.3	1	2	5	11	12	0	0	0	0	1	0	0	13	10	6	1	1	7	17	6	0	1	8	8	3	4	4	1	2
	15	306	1011.2	-	6.9	1.5	8.0	79	5.8	1	3	8	8	11	0	0	0	0	0	0	2	11	13	3	2	3	8	12	7	1	1	10	5	2	3	3	5	1
	21	306	1012.0	-	5.8	1.0	7.9	83	5.2	3	6	2	10	10	0	0	0	0	0	0	0	16	12	2	1	2	7	15	6	1	1	7	7	6	2	3	3	1
Mount Batten H	3	100	1011.9	-	5.0	0.6	8.1	90	5.9	4	3	2	6	16	0	0	0	0	0	1	9	13	6	1	0	0	0	10	16	5	5	5	10	1	2	0	1	2
	9	100	1012.4	-3.6	5.7	0.9	8.1	86	5.9	0	5	5	8	13	0	0	0	0	1	2	8	10	8	2	0	0	0	14	14	3	1	6	12	1	3	2	1	2
	15	100	1011.6	-	7.4	1.5	8.2	79	6.5	0	2	4	11	14	0	0	0	0	0	2	3	14	7	3	2	0	0	18	13	0	3	4	11	5	3	2	2	1
	21	100	1012.3	-	5.7	0.8	8.1	86	5.3	4	4	4	5	14	0	0	0	0	0	2	8	18	3	0	0	0	0	8	22	1	3	7	10	3	1	0	4	2
Chivenor ... H	3	23	1012.4	-	4.6	0.8	7.5	86	6.1	1	4	4	5	17	0	0	0	0	0	0	2	18	8	3	0	0	1	6	22	2	1	5	15	5	0	1	0	2
	9	23	1012.9	-	5.7	1.2	7.6	81	5.9	1	6	1	12	11	0	0	0	0	0	0	1	11	10	5	4	0	2	14	14	1	0	5	9	7	3	1	2	3
	15	23	1012.1	-	8.4	2.2	7.8	69	5.7	0	5	5	11	10	0	0	0	0	0	1	0	6	11	10	3	0	4	16	10	1	0	6	10	4	1	2	4	3
	21	23	1012.8	-	5.6	1.1	7.6	82	5.6	5	0	6	8	12	0	0	0	0	0	0	2	16	10	2	1	0	0	9	20	2	1	4	14	4	0	1	2	3
Exeter ... H	3	125	1012.7	-	4.5	0.8	7.5	86	6.6	2	2	2	7	18	0	0	0	0	0	1	5	14	8	2	1	0	1	13	16	1	3	10	4	5	3	1	3	1
	9	125	1013.2	-	5.3	1.2	7.5	82	6.1	0	6	2	11	12	0	0	0	0	0	1	3	12	8	6	1	0	3	13	15	0	2	10	6	2	6	1	0	4
	15	125	1012.3	-	7.5	2.1	7.4	70	6.9	0	2	2	13	14	0	0	0	0	0	0	4	8	11	4	4	0	5	17	8	1	1	8	4	7	2	1	3	4
	21	125	1013.2	-	5.4	1.1	7.6	83	6.2	3	2	3	7	16	0	0	0	0	0	1	5	8	13	3	1	0	2	11	17	1	4	7	5	6	1	2	0	5
Cornwall St. Mary's, Scilly H	3	199	1011.0	-	7.3	0.8	9.2	87	5.7	1	4	7	7	11	1	0	0	0	1	0	1	9	12	5	3	0	5	21	4	1	1	0	9	5	6	2	5	2
	9	199	1011.2	-4.0	7.5	0.9	9.2	87	6.5	0	1	7	9	14	0	0	0	0	0	0	2	11	11	4	3	0	4	19	8	0	2	0	9	5	8	3	3	1
	15	199	1010.9	-	8.4	1.4	9.2	81	6.3	0	2	7	13	8	1	0	0	1	0	0	0	12	11	5	2	0	2	25	4	0	0	4	5	6	6	5	4	1
	21	199	1011.2	-	7.5	0.9	9.2	87	5.8	2	3	5	4	15	1	0	0	0	0	0	4	9	10	5	2	0	3	22	6	0	0	1	10	4	7	1	6	2
St. Mawgan H	3	350	1011.8	-	4.9	0.5	8.2	91	6.0	5	1	2	4	18	1	0	0	0	1	1	6	12	7	3	1	0	3	12	16	0	2	8	5	6	5	1	2	2
	9	350	1012.1	-	5.6	0.8	8.2	86	5.6	2	4	4	10	11	0	0	0	0	0	1	1	14	9	4	2	0	3	13	15	0	2	6	8	7	3	2	2	1
	15	350	1011.0	-	7.5	1.6	8.3	79	6.2	0	3	5	13	10	0	0	0	0	0	0	1	11	11	6	2	0	5	18	8	0	1	8	2	9	3	1	5	2
	21	350	1012.2	-	5.5	0.7	8.1	87	5.6	4	3	3	8	13	0	0	0	0	0	0	5	16	7	3	0	0	3	15	13	0	1	8	6	7	3	1	1	4
9 NORTHERN IRELAND																																						
Londonderry Ballykelly H	3	6	1012.7	-	3.9	0.7	7.3	89	5.6	4	4	2	9	12	0	0	0	0	1	0	1	12	9	8	0	1	4	5	10	11	0	0	2	15	2	0	0	1
	9	6	1013.2	-	4.9	0.8	7.6	86	6.1	3	0	5	13	10	0	0	0	0	0	0	3	11	7	8	2	0	6	7	9	9	0	0	3	17	1	0	0	1
	15	6	1012.5	-	7.7	1.8	8.0	76	6.6	0	1	5	15	10	0	0	0	0	0	0	1	12	7	8	3	0	5	12	13	1	0	3	4	15	4	0	1	2
	21	6	1013.3	-	4.8	0.9	7.5	87	5.1	7	3	1	8	12	0	0	0	0	0	0	3	11	7	8	2	0	3	7	15	6	0	2	4	16	1	0	0	2
Antrim Aldergrove H	3	241	1013.6	-	4.0	0.8	7.1	87	6.3	3	0	6	5	17	0	0	0	0	0	0	7	12	8	4	0	0	6	8	14	3	2	2	8	13	2	0	0	1
	9	241	1013.8	-	4.4	0.8	7.3	86	6.2	0	5	3	8	14	1	0	0	0	2	1	6	8	12	2	0	0	4	11	11	5	1	2	8	12	1	1	0	1
	15	241	1013.3	-	6.8	1.7	7.5	76	6.4	1	3	1	14	12	0	0	0	0	1	1	6	9	7	4	3	0	4	15	11	1	1	3	10	13	0	0	2	1
	21	241	1014.1	-	4.7	0.9	7.3	84	6.2	2	3	2	9	15	0	0	0	0	0	1	5	14	7	4	0	0	4	7	17	3	1	2	10	12	1	0	1	1
CHANNEL ISLES																																						
Guernsey States Airport H	3	360	1012.2	-	5.4	0.8	7.9	86	6.2	5	2	0	4	19	1	0	3	0	1	2	1	11	7	4	2	0	1	21	8	1	4	5	7	3	4	1	4	2
	9	360	1012.6	-	5.6	0.9	8.0	85	6.7	0	3	3	11	14	0	0	0	0	0	3	1	12	6	7	2	0	3	19	8	1	3	8	6	3	3	2	2	3
	15	360	1011.8	-	6.8	1.5	7.8	77	6.4	0	1	5	16	9	0	0	1	0	1	0	1	11	8	7	2	0	1	20	9	1	0	9	4	7	1	3	2	4
	21	360	1012.5	-	5.8	1.1	7.8	83	6.4	1	1	5	11	13	0	0	0	1	0	0	4	11	6	8	1	0	1	22	6	2	2	7	5	3	5	2	2	3

H *See* Notes on Tables in the Introduction.

TABLE XIII—SOLAR RADIATION AND INTENSITY OF ILLUMINATION March 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination of a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	448	30	23	24	141.8	31	170	31	23	23,24	90.1	31	465	30	24	23	150.2	31
Eskdalemuir Observatory ...	447	26	14	13	152.2	31	177	30	14	13	106.1	31	469	26	19	13	164.2	31
Cambridge	380	8	24	15	157.6	31	200	17	23	15	114.3	31	-	-	-	-	-	-
Kingsway	411	26	25	15	159.6	31	199	30	25	15	110.8	31	416	26	27	15	167.7	31
Kew Observatory	498	26	27	1,15	159.8	31	170	20	27	1,15	106.5	31	567	26	28	1	171.6	31
Aberporth	483	26	101	4	257.8	31	260	16	83	1	161.7	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN March 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

Station	Maximum Temperature °C.								Minimum Temperature °C						
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	11	20	0	0	0	0	0	0	0	0	3	26	2	0	0
Stornoway	0	0	29	2	0	0	0	0	0	0	0	4	17	10	0	0
Craibstone	0	17	14	0	0	0	0	0	0	0	0	6	25	0	0	0
Rothesay	0	4	26	1	0	0	0	0	0	0	0	2	29	0	0	0
Renfrew	0	4	21	6	0	0	0	0	0	0	0	7	22	2	0	0
Eskdalemuir Observatory	0	17	14	0	0	0	0	0	0	0	0	15	16	0	0	0
Douglas	0	7	24	0	0	0	0	0	0	0	0	2	26	3	0	0
Cockle Park	0	19	12	0	0	0	0	0	0	0	0	8	23	0	0	0
Gorleston	0	18	13	0	0	0	0	0	0	0	0	5	26	0	0	0
Cambridge	0	14	13	4	0	0	0	0	0	0	0	9	19	3	0	0

Station	Maximum Temperature °C.								Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	14	14	3	0	0	0	0	0	0	0	10	17	4	0	0
Kew Observatory	0	9	15	7	0	0	0	0	0	0	0	3	21	7	0	0
Hastings	0	13	15	3	0	0	0	0	0	0	0	5	20	6	0	0
Southampton	0	6	14	11	0	0	0	0	0	0	0	5	16	8	0	0
Stonyhurst	0	11	18	2	0	0	0	0	0	0	0	13	16	0	0	0
Bidston	0	11	17	3	0	0	0	0	0	0	0	4	22	5	0	0
Valley	0	0	22	9	0	0	0	0	0	0	0	3	20	8	0	0
Falmouth	0	4	15	12	0	0	0	0	0	0	0	5	11	15	0	0
Aldergrove	0	3	24	4	0	0	0	0	0	0	0	6	23	2	0	0
Armagh	0	2	22	7	0	0	0	0	0	0	0	8	16	5	0	0

TABLE III—ADDITIONS AND CORRECTIONS March, 1964

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
			G.M.T.	ft.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in	%	in.													hr	%
1962	Coventry	9 9	338											.69	38															
1963 May	Hartland Point	21-9	298																										7.16	104
"	Valley	21-9	26												94															
June	Chesterfield	9 9	298	20.2	8.9	14.5	-	25.6	8,12	5.6	6	-	-	2.57	-	.59	12	16	14	0	0	0	0	3	1	0	-	0	-	-
"	Newry Abbey	9 9	35	(17.8	8.7	13.3)	-	23.9	1,8,9	7.2	3,15,24	-	-	3.37	-	1.15	17	18	14	0	0	0	0	2	0	0	-	-	-	-
July	Slapton	9 9	104											2.03	-	.48	5	11	10											
"	Huddersfield Oakes	21-9	761									14.0																		
August	Achany	9 9	280	15.9	8.3	12.1	-	22.8	1	0.0	28	13.6	11.7	3.58	110	.57	19	22	17	0	0	0	0	0	0	0	5	0	-	-
"	Glenmore Lodge	9 9	1120	15.2	6.2	10.7	-	23.2	1	1.9	19	-	-	8.20	-	1.57	20	25	21	-	0	-	-	-	0	0	1	-	2.41	-
"	Largs	9 9	20	16.6	10.8	13.7	-1.5	25.0	1	5.0	28	-	-	4.71	-	.73	20	18	15	-	0	-	-	-	0	0	0	-	3.18	-
"	Worley	9 9	350											3.42	110	1.65	3	16	14											
"	Hartland Point	21-9	298																										5.00	80
"	Loughermore Forest	9 9	572																						0					
"	Blackbridge	9 9	690																										(1.68)	-
September	Achany	9 9	280	14.8	7.2	11.0	-	20.0	21	1.7	18,19	11.4	11.1	3.77	103	.91	3	25	14	0	0	0	0	0	0	0	10	0	-	-
"	Glenmore Lodge	9 9	1120	13.9	6.4	10.1	-	21.2	21	-0.7	18	-	-	4.39	-	.78	3	17	17	-	0	-	-	-	0	1	5	-	3.56	-
"	Edinburgh Liberton	9 9	200	15.6	8.3	11.9	-0.8	21.7	15	4.4	12,19	-	-	3.15	-	.96	1	14	12	0	0	0	0	0	0	0	0	0	4.85	-
"	Millport	9 9	16	15.0	10.0	12.5	-	18.3	2	3.9	27	-	-	3.08	75	.80	25	17	12	0	0	1	0	0	0	0	-	1	-	-
"	Coatbridge	9 9	256	15.6	8.1	11.9	-	20.6	20	4.4	12,19	-	-	2.52	-	.62	25	17	12	0	0	0	0	0	0	0	-	0	-	-
"	Largs	9 9	20	-	9.6	-	-	-	-	6.1	(8),12	-	-	3.73	-	.95	25	16	14	-	0	-	-	-	0	0	0	-	4.17	-
"	Whitby	9 9	135	16.6	8.7	12.7	-	22.8	15,17	3.3	20	-	-	1.31	61	.25	25	10	9	0	0	0	0	0	0	0	-	0	6.14	130
"	Chesterfield	9 9	298	17.9	7.2	12.5	-							1.29	-	.55	25													
"	Worley	9 9	350													.84	1													
"	Pershore (Inst. of Hort.)	9 9	130	17.7	9.3	13.5	-	23.9	16	4.4	13	-	-	1.70	-	.50	1	13	8	-	0	-	-	-	2	0	-	-	4.32	-
"	Newry Abbey	9 9	35	(16.7	8.3	12.5)	-	20.0	15	2.2	18	-	-	2.61	-	.68	25	19	9	0	0	0	0	0	2	0	-	-	-	-
"	Glasgow Springburn	9 9	351																										4.21	130
"	Edinburgh Royal Bot. Gardens	9 9	74																										5.12	123
"	Greenock	9 9	200																										4.40	-
"	Blackbridge	9 9	690																										3.00	-
"	Lislap Forest	9 9	686									13.1																		
"	Somerset Forest	9 9	142											3.67					17											
October	Achany	9 9	280	12.7	4.6	8.7	-	16.7	7	-3.3	7	8.9	9.8	3.46	74	.66	20	26	16	0	0	0	0	0	3	1	16	0	-	-
"	Glenmore Lodge	9 9	1120	12.6	4.3	8.5	-	16.9	8	-2.1	28	-	-	2.80	-	.53	1	12	10	-	0	-	-	-	0	3	9	-	2.74	- S
"	Aberdeen	9 9	170	12.6	5.8	9.2	+0.3	17.2	11	1.7	5,7	-	-	1.41	41	.28	1	9	9	0	0	0	0	0	2	0	5	0	4.31	114
"	Fettercairn	9 9	560											1.94					9		1									
"	Fernhurst	9 9	188																										2.76	-
"	Leckford	9 9	385	13.7		10.7	-						-	2.27	65	.46	30	15	13											
"	Sellafield													4.30	91			24	17											
"	Cardiff	9 9	202	14.6	9.0	11.8	+0.9	19.4	12	5.0	14	12.9	13.4	2.76	61	.49	29	21	15	0	-	0	0	0	1	0	0	-	2.52	75
"	Usk	9 9	70		7.6	11.2	-																							

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

MO 754
METEOROLOGICAL OFFICE
9 SEP 1964
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April 1964 — *Cloudy and rather wet.*

Weather was cyclonic in character for most of the month.

The month began with a ridge of high pressure near Iceland, and cold east to north-east winds on its southern flank persisted over England and Wales for about four days. Weather was dull in the south, east and Midlands with rain sleet or snow at times; amounts generally were not large although some of the higher ground in the extreme south-east became snow-covered. In Scotland and north-west England, however, weather was less cold with long sunny periods.

On the 5th, as a ridge of high pressure moved slowly south across the British Isles, winds backed and light northerlies brought the brighter milder weather to all districts. The 6th and 7th were dry sunny days with temperature a little above average, but rain, associated with a small depression approaching the west of Scotland, spread over western and northern districts on the 8th and 9th.

After a day of scattered showers on the 10th, frontal rain from the Atlantic reached western areas on the 11th spreading over the whole country during the night and persisting for much of the next day. The rain was followed on the 13th and 14th by good sunny periods in a showery westerly airstream.

The weather pattern changed on the 15th as low pressure near Iceland was transferred southwards and fronts from the Atlantic brought rain to all districts. The next day a depression became established to the south-west of the British Isles and a trough in its circulation moved northwards from France bringing thunderstorms and outbreaks of heavy rain to east and south-east England. Warm southerly winds with occasional rain continued on the 17th and 18th, afternoon temperatures reaching 19°C locally on the 18th.

Rain, associated with a depression from France which had moved northwards to south-east England on the night of the 18th, spread over the remainder of the country, except the extreme south-west, on the 19th. Winds veered towards the west and afternoon temperatures at most places in the cooler airstream were at least 5°C lower than the previous day. As the area of low pressure which now covered the British Isles slowly declined during the next four days (20th-23rd)) sunny intervals were broken by showers and periods of rain and there were scattered thunderstorms in the east and Midlands.

A developing ridge of high pressure moving east across the country gave a mainly dry, sunny day on the 24th but troughs from the Atlantic brought rain to all areas the next day. Meanwhile an anticyclone became established over Germany and the next two days were the warmest of the month as it extended its influence westwards—afternoon temperatures exceeded 21°C in many eastern and midland districts on the 27th.

Rain from the Atlantic spread to all areas during the afternoon and evening of the 27th, becoming heavy at times in the early hours of the 28th with widespread thundery rain and renewed thunderstorms in east and south-east England later in the day. The month ended with two sunny days with occasional showers in an unstable westerly airstream.

Pressure and Wind — Mean pressure was below the average except in the extreme south-east of the country, the deviation at 09 hr ranging from −2.1 mb at Tiree to +0.3 mb at Shoeburyness. Surface winds were between east and north-east at first becoming mainly northerly on the 5th-7th and between west and south-west during most of the remainder of the month, apart from rather variable winds on the 20th-22nd and interludes of southerlies on the 15th-18th and 26th-27th. Wind reached gale force in Scotland on eight days and in England and Wales on the 2nd-4th, 7th, 9th, 14th, 15th, 17th, 20th-22nd and 27th-29th (fourteen days). Gusts of 54 kt were recorded at Prestwick, the Lizard and Benbecula on the 14th, 17th and 19th respectively.

Temperature — The first four days of the month were cold especially in south-east England where London had its coldest spell of April weather since 1911. However, there were warm intervals at the beginning of the third week and towards the end of the month.

Extremes included: (England and Wales) 22.2°C at Gillingham, Kent, on the 27th, −6.7°C at Alwen on the 7th; (Scotland) 18.9°C at Sourhope and at Mertoun on the 27th, −6.7°C at Cairngorm on the 1st; (Northern Ireland) 17.6°C at Ballykelly on the 25th, −3.9°C at Baronscourt Forest on the 5th.

Rainfall—The number of days of rain was above average in nearly all districts, but amounts were near average except in parts of west Scotland and south-east England, where values reached 150 per cent of the average, and in parts of eastern Scotland and south-west England where only 75 per cent of the average was recorded. Glasgow had its wettest April since 1947 and Tiree its wettest since 1949.

Thunder was heard in Scotland on eight days mainly during the second half of the month. In England and Wales it was reported on the 15th-17th, 20th-23rd, 26th, 28th and 29th (ten days). Thunderstorms were fairly widespread in east and south-east England on the 16th, 22nd and 23rd.

Snow or sleet was reported from one place or another in Scotland on the 1st-4th, 6th, and 12th-15th (nine days) ground being snow-covered at 09 h in some places on the 13th and 14th. In England and Wales it occurred during the first four days of the month and was widespread on the 3rd and 4th.

Sunshine — It was a cloudy month in all areas, most places having between 70 and 90 per cent of their average amount of sunshine. Watnall reported as little as 57 per cent but Aberystwyth and Gordon Castle recorded 100 per cent.

Fog — Fog was observed at 09 hr at one place or another in Scotland on fourteen days mainly during the second half of the month. In England and Wales it was rarely widespread but was reported on the 1st-4th, 6th, 8th, 11th, 12th, 16th-19th, 22nd-25th and 26th-28th (twenty days).

Miscellaneous Phenomena — The aurora was visible on nine nights in Scotland.

TABLE I—DISTRICT VALUES— April 1964 **(1908, revised 1928, 1941, 1956 and 1964)**

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						*% of Average*	
0 SCOTLAND, N.	17.8	-6.7	+0.5	+0.6	+0.5	-	-	+4	124	79
1 SCOTLAND, E.	18.9	-6.1	+0.5	+1.0	+0.8	-	-	+2	99	86
2 ENGLAND, N.E.	20.6	-5.0	+0.2	+1.3	+0.8	+0.1	-0.5	+2	110	82
3 ENGLAND, E.	21.7	-3.3	-0.3	+0.7	+0.2	-0.6	-0.9	0	147	77
4 MIDLANDS	21.1	-3.9	-0.3	+0.6	+0.2	-0.3	-0.5	+3	94	75
5 ENGLAND, S.E.	22.2	-4.0	-0.8	+0.6	-0.1	-0.4	-0.7	+3	134	81
6 SCOTLAND, W.	17.8	-6.2	+0.1	+0.8	+0.5	+0.4	-0.4	+5	114	84
7 ENGLAND, N.W. and N. Wales	20.0	-6.7	-0.2	+0.9	+0.3	-0.3	-0.5	+4	108	82
8 ENGLAND, S.W. and S. Wales	20.6	-4.4	-0.8	+0.1	-0.3	-0.3	-0.5	+4	91	78
N. IRELAND	17.6	-3.9	+0.4	+0.4	+0.4	-	-	+3	90	86
SCOTLAND	18.9	-6.7	+0.4	+0.8	+0.6	-	-	+4	113	83
ENG. and WALES	22.2	-6.7	-0.4	+0.7	+0.2	-	-	+3	111	79

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— April 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22 to 33 knots: No. of days	Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Speed	Hour ended at		Highest Gust: Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h.m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	-	0	16	109	295	286	30	0	13.2	050	32	20	08	49	20	0820
Orkney	Kirkwall	134	50	33	-	0	9	60	374	227	59	0	12.1	260	33	14	12	45	14	0955
Caithness	Dounreay	110	39	30	-	0	8	32	442	246	0	0	12.9	180	27	25	13	40	12	1450
Sutherland	Shin	78	33	33	-	0	4	19	194	303	203	1	7.9	270	29	12	14	46	12	1310
Ross &	Stornoway (Coastguard)	120	40	36	12,19,20,29	8	22	228	358	83	43	0	17.5	030	39	20	02	50	20	0115
Cromarty	Duirinish	125	65	55	-	0	10	45	339	262	73	1	11.4	200	29	15	08	(48	13	2315)
Inverness	Benbecula	69	51	35	19,20	2	17	159	434	110	15	0	16.7	030	34	19	24	54	19	2340
1 Moray	Lossiemouth	101	80	60	-	0	5	10	227	349	133	1	8.4	250	26	12	13	43	12	1320
Aberdeen	Dyce	225	40	40	-	0	1	2	182	337	199	0	7.1	280	22	12	12	32	12	1010
Angus	Auchterhouse ...	822	62	50	-	0	6	21	253	313	102	31	9.7	280	25	12	14	46	19	1510
	Bell Rock Lighthouse	126	131	124	-	0	13	101	395	146	78	0	13.7	220	32	14	07	46	14	0645
Perth	Rannoch	1006	56	57	-	0	9	49	350	179	92	50	12.0	(050	30	19	20)	(46	13	2340)
Fife	Leuchars	78	40	40	-	0	9	41	323	294	62	0	11.1	260	31	12	12	47	12	1115
Midlothian	Turnhouse	137	40	33	-	0	8	51	321	274	74	0	11.1	270	27	12	15	48	30	1230
	Edinburgh, Blackford Hill	496	50	34	*															
6a Argyll	Tiree	89	60	47	-	0	16	111	393	147	69	0	14.0	130	32	25	07	49	13	2145
Bute	Millport	50	34	34																
Renfrew	Paisley	188	81	31	-	0	0	0	139	422	159	0	7.1	270	19	29	14	46	30	1140
	Renfrew	71	41	39	-	0	3	6	216	373	125	0	8.2	230	23	14	05	38	30	1000
Lanark	Lowther Hill ...	2412	43	33	9,10,12,14,27,29	8	20	211	367	112	22	0	17.4	310	36	10	02	53	14	0750
Ayr	Prestwick Airport ...	68	33	33	-	0	1	1	350	323	46	0	10.2	190	22	9	12	36	14	0425
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	1	6	118	372	224	0	6.4	200	23	9	09	41	29	1730
Wigtown	West Freugh ...	81	33	33	-	0	3	9	338	315	58	0	10.1	200	26	9	12	41	9	1115
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	-	0	13	60	430	213	17	0	13.5	210	33	9	09	45	9	0905
	Point of Ayre ...	64	33	33	-	0	7	38	448	224	10	0	12.8	180	27	9	09	41	9	0950
2 Durham	Durham	389	53	33	-	0	3	11	306	311	92	0	9.7	260	26	12	13	51	14	0655
	South Shields ...	73	57	44	-	0	3	6	277	347	90	0	9.4	030	22	4	01	38	14	0820
Lincoln	Cranwell	268	47	47	-	0	3	9	390	282	39	0	11.3	270	29	14	10	46	28	1335
3 Norfolk	Gorleston	45	33	33	*															
Suffolk	Mildenhall	98	83	60	-	0	3	8	333	307	72	0	10.1	260	23	14	12	42	23	1335
Bedford	Bedford	327	42	30	-	0	5	33	334	269	84	0	10.9	020	27	4	07	40	4	0630
	Cardington	276	133	133	-	0	9	56	431	196	37	0	13.0	230	27	12	11	40	3	2140
Hertford	Garston	307	50	33	-	0	0	0	144	463	113	0	7.4	020	18	3	19	36	20	1945
	Rothamsted	461	41	33	-	0	0	0	189	388	139	4	7.5	040	17	4	12	42	28	1255
Essex	Stansted ...	358	31	31	-	0	0	0	306	295	51	68	10.2	220	21	15	13	(33	20	2030)
	Coryton	66	57	48																
	Shoeburyness ...	118	106	91	21	7	12	70	392	197	38	16	13.6	160	37	21	03	51	21	0645
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	55	355	310	0	4.8	270	14	14	09	36	14	0730
Warwick	Edgbaston	643	118	73	-	0	0	0	91	548	81	0	6.9	010	16	4	03	33	14	1140
	Elmdon	343	31	31	-	0	3	9	359	294	58	0	10.8	260	24	14	10	41	14	0915
Buckingham	Amersham	500	50	50	-	0	0	0	205	426	89	0	8.3	150	20	20	16	36	20	1530
Stafford	Keele	706	50	33	-	0	0	0	152	432	136	0	7.3	240	19	14	13	40	14	1330
Gloucester	Avonmouth	92	61	33	-	0	13	104	314	197	78	27	13.0	020	29	4	04	42	21	2300
5 London	Kingsway	208	143	41	-	0	0	0	298	357	65	0	9.3	220	20	28	14	40	28	1325
Middlesex	London (Heathrow) Airport	115	33	33	-	0	4	10	324	346	40	0	10.4	210	23	28	13	39	28	1330
	Hampton	139	101	100	-	0	1	2	289	289	140	0	8.9	230	22	28	12	39	29	1115
Surrey	Kew Observatory ...	92	75	50	-	0	1	2	309	304	105	0	9.5	220	23	28	13	44	28	1305
	Gatwick	232	38	33	-	0	3	7	275	327	111	0	9.0	230	26	28	15	50	21	0155
Kent	Isle of Grain ...	48	40	33	-	0	3	10	157	346	207	0	6.9	180	30	21	07	44	21	0740
	Dover	68	38	62	-	0	5	9	263	286	162	0	9.4	180	23	21	08	41	20	1720
Sussex	Thorney Island ...	75	65	42	-	0	3	8	321	293	98	0	9.6	250	23	28	16	45	29	1230
Hampshire	Hurn	86	53	46	-	0	3	10	339	308	63	0	10.5	230	27	28	13	42	28	1215
	Calshot	50	41	33	-	0	2	16	448	239	17	0	12.4	230	26	21	15	36	28	1320
	S. Farnborough ...	318	69	35	-	0	3	7	340	314	59	0	10.3	250	23	29	12	38	20	1420
Berkshire	Abingdon	295	40	40	-	0	2	3	373	226	118	0	10.1	250	23	29	11	36	28	1315
Wiltshire	Larkhill	491	51	36	-	0	7	54	298	289	79	0	11.2	020	27	2	14	42	28	1150
	Boscombe Down ...	425	55	55	-	0	2	5	283	300	132	0	9.3	210	23	21	15	40	21	1605
	Porton	406	44	44	-	0	4	12	307	278	123	0	10.0	220	27	21	17	42	21	1600
7a Cumberland	Carlisle	137	42	30	-	0	4	15	279	339	87	0	9.3	210	24	9	16	37	9	1630
	Sellafield	83	39	35	-	0	1	1	273	383	59	4	9.4	180	23	15	16	35	15	1555
	Spadeadam	959	51	50	-	0	4	9	349	270	92	0	10.5	200	24	9	13	44	14	0625
Westmorland	Great Dun Fell ...	2813	33	33	1,3,4,9,11 ∅	70	23	284	225	113	9	19	20.9	240	47	9	17	59	9	1050
	Moor House ...	1960	50	45	9,11,15	5	18	135	360	171	25	24	15.5	230	38	9	12	55	15	2020
Lancashire	Squires Gate ...	88	55	35	-	0	8	52	419	225	24	0	13.1	250	30	14	09	40	14	0750
	Southport	59	41	33	-	0	3	10	231	307	172	0	8.5	250	26	14	10	37	9	1445
	Fleetwood	112	50	31	‡															
	Speke	84	41	33	-	0	5	16	353	307	44	0	10.8	160	26	15	13	41	15	1250
	Manchester W/Centre	268	147	55	-	0	0	0	230	423	67	0	8.7	260	19	14	11	40	14	1250
Cheshire	Bidston Observatory	262	64	39	-	0	3	9	295	381	35	0	-	250	24	14	12	46	28	1220
	Ringway	261	33	33	-	0	1	2	261	366	91	0	9.5	170	22	15	15	41	15	1410
7b Anglesey	Valley	86	53	40	9,15	6	15	109	437	133	35	0	14.9	160	40	15	14	53	15	1350
8a Cardigan	Aberporth	483	41	41	-	0	16	139	411	135	35	0	15.4	360	29	4	05	49	15	0925
Pembroke	Brawdy	432	68	45	-	0	10	89	424	154	53	0	13.5	150	33	15	11	49	15	1030
Glamorgan	Port Talbot	91	40	35	-	0	4	14	342	282	82	0	10.3	130	26	18	14	41	18	1310
	Rhoose	257	37	32	-	0	12	57	344	293	26	0	12.1	030	28	4	10	44	4	0940
8b Dorset	Portland Bill ...	190	155	155	14,20-22,28,29	28	23	285	266	129	12	0	19.3	230	42	21	15	54	21	1640
Devon	Plymouth Hoe ...	191	88	65	-	0	6	36	371	186	127	0	10.9	-	27	15	13	39	20	0805
Cornwall	St. Mary's, Scilly ...	230	65	57	4,21	8	18	230	375	89	18	0	18.1	250	36	21	17	50	21	1810
	The Lizard	315	75	60	17,21,28	6	12	113	372	195	34	0	14.6	280	35	28	15	54	17	2330
NORTHERN IRELAND																				
9 Londonderry	Ballykelly	56	50	35	-	0	1	1	273	275	171	0	8.4	250	22	13	13	46	13	1315
Antrim	Aldergrove	263	33	33	-	0	2	6	392	276	43	3	10.9	200	24	9	10	38	9	0905
Fermanagh	Castle Archdale ...	263	43	43	-	0	3	6	249	319	146	0	8.5	220	26	9	10	46	14	0355
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	-	0	8	53	420	220	27	0	13.3	250	29	28	15	42	28	1440

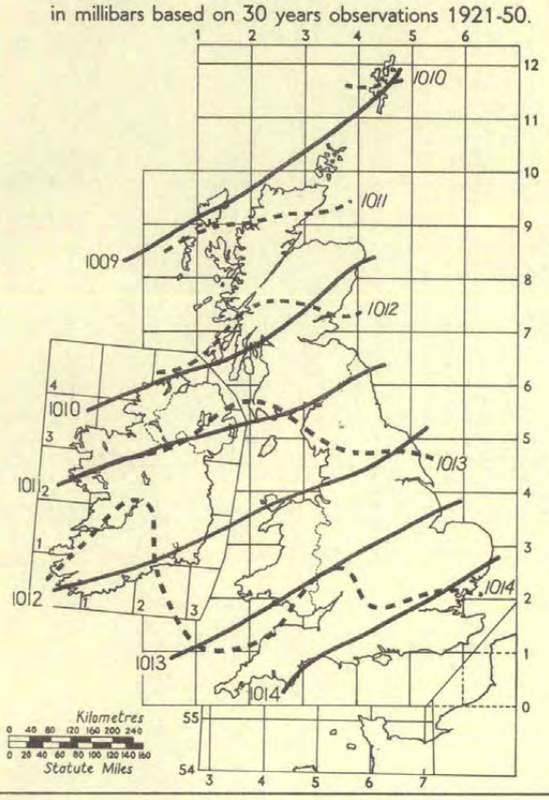
‡ Record ceased ‡ Incomplete record * Defective record

∅ Also 13th-15th, 19th, 20th and 28th-30th

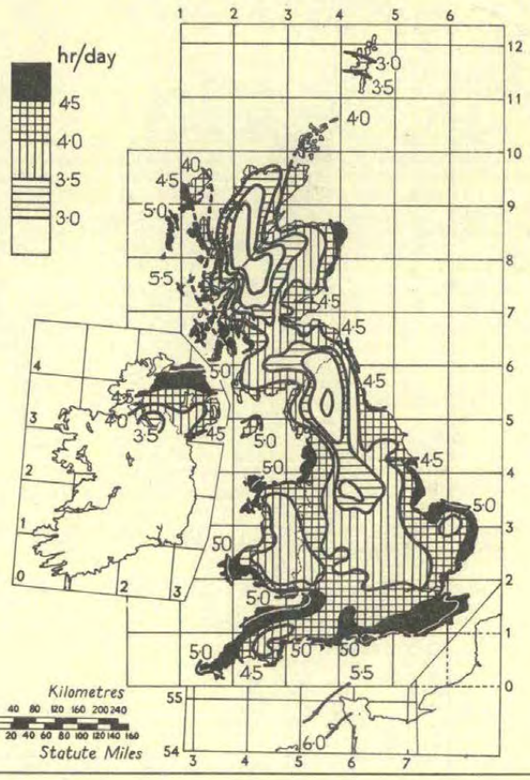
MONTHLY WEATHER CHARTS APRIL 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



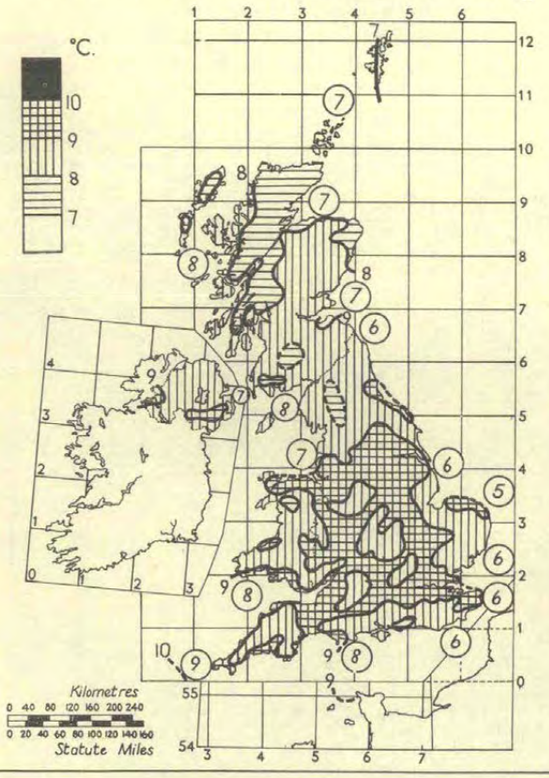
BRIGHT SUNSHINE



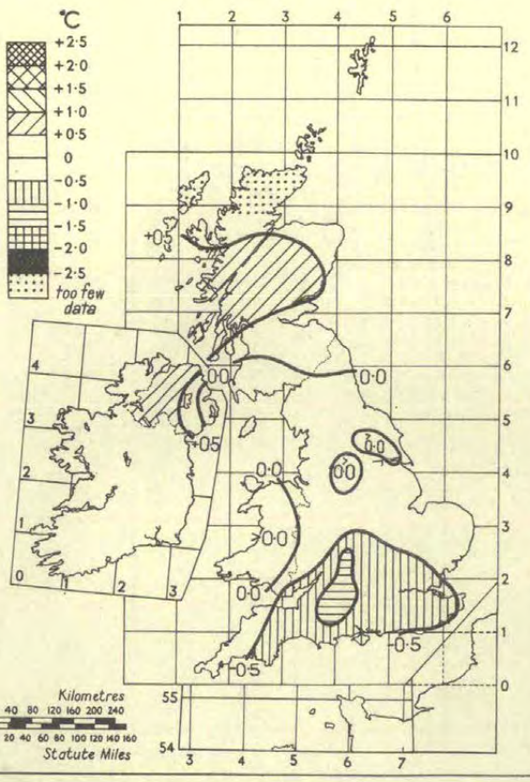
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
APRIL
1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

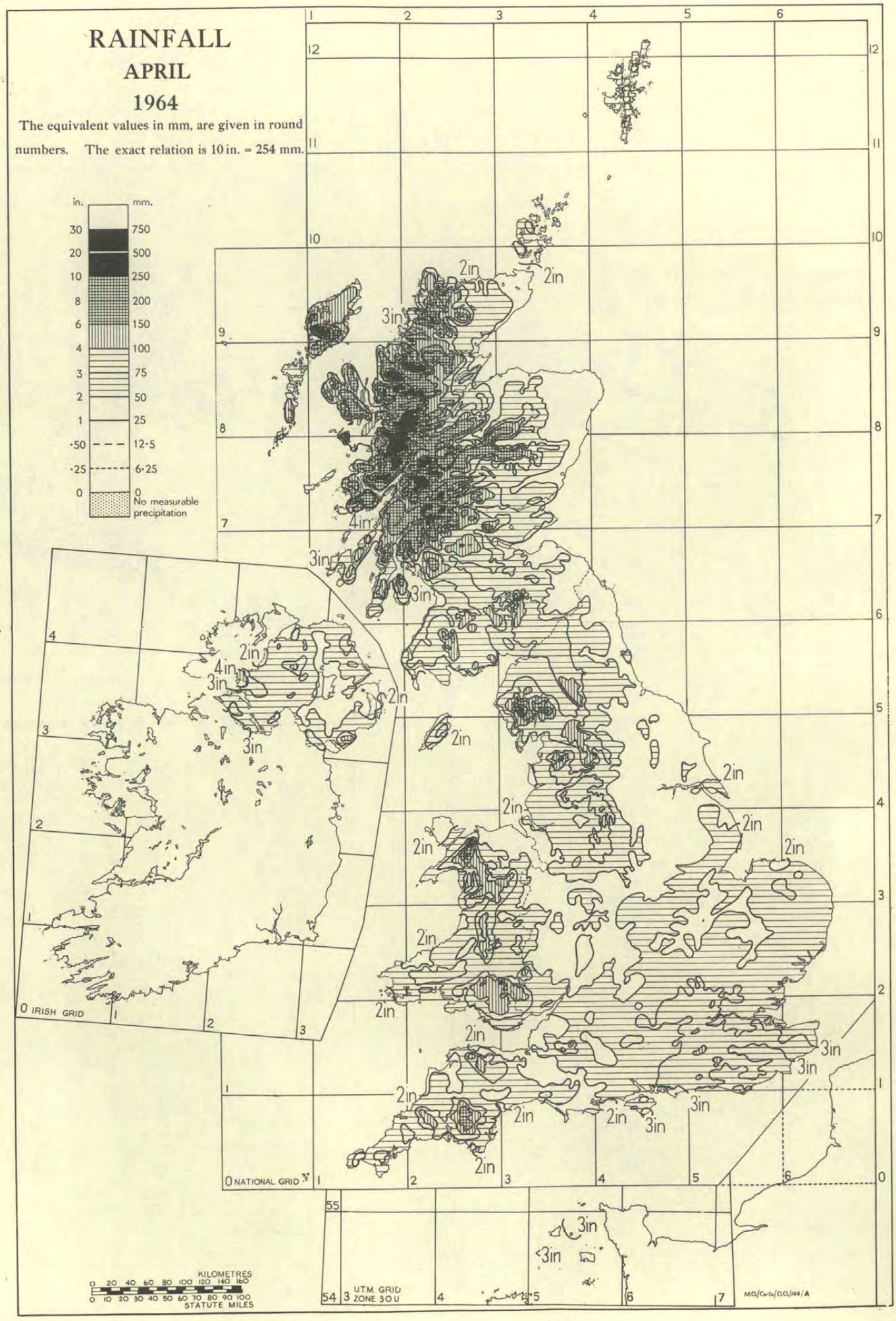


TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0 SCOTLAND, N.																														
Zetland	Hamnavoe ...	9 9	70	8.9	5.0	6.9	-	13.3	27	2.2	1,2,7	-	-	2.46	-	.33	7	22	16	1	0	1	0	0	0	0	-	1	3.80	-
	Lerwick Obs'y. ¶§	21-9	269	8.4	3.9	6.1	+0.6	11.2	27,29	-0.1	6	-	-	2.80	96	.36	7	26	19	2	0	0	3	0	3	1	7	1	3.12	71
	Baltasound ...	9 9	78	9.2	3.7	6.5	-	12.8	27,29	0.0	1,7	5.8	-	2.89	98	.35	8	28	21	1	0	2	0	0	3	0	-	1	2.88	-
Orkney	Sule Skerry ...	9 9	43	9.0	5.9	7.5	-	12.2	27	2.7	7	-	-	2.35	-	.53	8	24	16	0	0	0	0	0	0	0	1	0	-	-
	Stenness ...	9 9	75	10.6	4.2	7.4	-	15.6	27	-3.3	1	6.8	-	2.12	-	.33	7	23	14	1	0	2	0	0	1	1	9	0	-	-
	Costa	9 9	115	10.1	4.6	7.3	-	16.1	27	0.0	7	-	-	3.11	-	.48	11	24	17	1	0	2	1	0	2	0	5	2	4.18	-
	Kirkwall ...	21-9	84	9.9	4.4	7.1	-	13.8	28	-1.0	7	-	-	2.07	80	.31	7	24	16	2	0	2	0	0	1	2	6	1	4.34	87
Caithness	Dounreay ...	9 9	70	11.2	3.9	7.5	-	16.7	27	-2.8	1	-	-	1.93	-	.34	14	22	13	1	0	0	1	0	0	3	5	0	-	-
	Wick ... ¶§	21-9	119	10.4	3.9	7.1	+0.7	14.7	28	-3.4	7	-	-	1.07	53	.22	19	21	8	0	0	0	2	0	2	4	14	0	4.23	84
Sutherland	Cape Wrath ...	21-9	367	8.4	4.9	6.7	+0.4	15.0	27	0.5	14	-	-	3.52	116	.51	8	28	19	0	0	0	0	0	3	0	0	2	-	-
	Achany ...	9 9	280	11.3	3.4	7.3	-	16.1	26	-6.1	7	6.6	5.6	3.17	105	.70	19	27	17	1	0	1	1	0	1	4	15	0	-	-
	Strathy	9 9	120	10.8	3.3	7.1	+0.6	16.7	27	-5.0	1	-	-	2.51	90	.32	7,14	21	13	4	0	0	1	0	0	5	-	0	3.51	84
Ross & Cromarty	Stornoway ¶§	21-9	11	10.3	4.3	7.3	+0.3	13.6	26	-2.2	7	-	-	4.47	192	.80	19	25	22	1	0	1	1	0	0	2	8	0	4.29	91
	Balmacara ...	9 9	2	11.7	4.9	8.3	-	16.1	27	-1.1	7	-	-	5.30	-	.67	30	23	21	-	0	-	-	-	-	1	-	-	-	-
	Poolewe ...	9 9	20	11.1	4.3	7.7	-	17.2	27	-0.6	1,7	-	-	5.94	-	.75	7	20	19	-	-	-	-	-	0	2	5	-	3.33	- S
	Inverpolly ...	9 9	45	11.0	4.5	7.7	-	16.7	27	-2.2	1,2,7	7.4	-	3.46	-	.47	13	24	17	0	0	2	0	0	-	3	10	0	2.86	- S
	Achnashellach ...	9 9	220	11.2	3.3	7.3	+0.4	17.8	27	-3.3	7	-	-	8.68	155	.92	10	27	26	3	0	0	0	0	1	3	-	0	-	-
	Kinlochewe ...	9 9	76	11.8	4.2	8.0	-	16.7	27	-3.3	7	6.9	-	8.87	-	1.20	14	27	22	0	0	0	0	0	0	1	9	0	2.06	- S
	Blackbridge ...	9 9	690	10.8	2.2	6.5	-	(16.1)	26	-6.1	7	-	-	4.69	-	.90	19	23	18	-	-	-	-	-	0	4	15	-	3.08	-
	Fortrose ... ¶§	9 9	15	10.3	5.4	7.9	+0.5	13.9	26,(27)	1.7	7,14	-	-	2.34	141	1.11	19	22	13	-	0	-	-	-	2	0	-	-	3.36	72
	Tarbatness ...	21-9	60	10.3	4.9	7.6	-	15.5	26	-1.0	7	-	-	1.37	-	.48	19	19	10	0	0	0	0	0	3	1	-	0	-	-
Inverness	Benbecula ...	21-9	19	10.9	4.8	7.9	+0.4	14.8	18	-0.4	3	-	-	3.81	149	.41	7	21	18	1	0	1	2	0	0	1	7	3	5.29	-
	Isle of Rhum ...	9 9	15	11.7	4.3	8.0	-	16.1	18,19	-1.1	7	8.6	7.5	8.53	-	1.15	7	23	22	0	0	0	1	0	0	1	15	4	-	-
	Prabost	9 9	220	11.0	4.4	7.7	-	15.6	27	0.0	7	-	-	5.61	-	.60	14	27	21	1	0	0	4	0	0	0	14	6	4.29	-
	Duntulm ...	9 9	294	10.1	4.8	7.5	+0.5	15.0	27	0.6	14	-	-	4.59	135	.59	19	27	21	1	0	1	0	0	0	0	4	1	4.09	90
	Onich ... ¶§	9 9	48	11.3	4.3	7.8	+0.4	16.7	18	-2.2	5	-	-	6.74	140	.80	14	23	20	1	0	1	0	0	0	1	13	1	3.12	78 S
	Fort William ...	9 9	27	11.8	4.2	8.0	-	17.2	18	-2.8	5	7.4	6.9	4.29	-	.44	19	23	19	0	0	0	2	0	0	2	9	0	2.45	-
	Fort Augustus ...	9 9	70	11.0	4.3	7.7	+0.6	15.6	26,27	-0.6	3,7	-	-	4.12	-	.95	19	25	21	0	0	0	0	0	0	2	-	0	2.87	-
	Cannich	9 9	350	11.3	2.6	6.9	-	16.1	26	-2.2	18,19,25	-	-	4.67	151	1.08	19	27	17	1	1	0	0	0	0	7	16	0	-	-
	Inverness ...	9 9	13	11.5	4.8	8.1	-	16.7	26,27	-0.6	7	-	-	2.31	-	1.08	19	15	11	0	0	1	0	0	1	1	5	1	3.84	-
	Coire Cas Shieling	9 9	2500	6.2	0.8	3.5	-	12.2	26	-3.3	1	-	-	4.90	-	(1.20)	19	24	18	12	9	2	0	0	4	11	-	0	-	-
	Cairngorm ...	9 9	3575	2.8	-1.9	0.5	-	7.8	18,26,27	-6.7	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-
	Achnagoichan ...	9 9	1000	10.4	2.4	6.4	-	16.1	26	-3.3	3	5.6	-	2.00	-	.74	19	19	12	4	-	1	0	0	-	5	13	0	-	-
	Glenmore Lodge	9 9	1120																											
1 SCOTLAND, E.																														
Nairn	Nairn ... ¶§	9 9	20	11.6	3.7	7.7	+0.4	16.7	26	2.8	1	-	-	1.91	119	.77	19	25	11	0	0	0	0	0	3	3	6	0	4.29	91
Moray	Forres	9 9	155	11.4	3.1	7.3	-	15.7	26	-2.2	7	7.4	6.3	1.63	105	.63	19	20	12	0	0	1	0	0	0	5	7	0	4.16	90
	Kinloss	21-9	15	11.6	4.2	7.9	-	16.2	27	-3.1	7	7.3	-	1.67	-	.67	19	18	12	1	0	0	1	0	0	3	11	0	4.38	-
	Elgin	9 9	92	11.8	4.6	8.2	-	16.7	27	-1.7	7	-	-	1.44	-	.67	19	19	8	0	0	0	0	0	0	3	5	0	4.64	-
	Lossiemouth ...	9 9	21	11.3	4.2	7.7	+0.6	16.1	27,28	-3.3	7	-	-	1.26	-	.42	19	17	9	1	0	0	1	0	1	2	8	0	-	-
	Gordon Castle ...	9 9	104	11.4	4.5	7.9	+0.6	15.6	26,27,28	-1.1	3,7	-	-	1.77	97	.67	19	19	12	0	0	1	0	0	-	3	-	0	4.54	100
Banff	Banff	9 9	80	10.9	4.9	7.9	-	16.1	27	1.1	1	-	-	1.24	-	.41	19	14	8	0	0	1	0	0	4	0	-	0	4.13	-
Aberdeen	Braemar ...	9 9	1113	9.8	2.6	6.2	+1.0	15.6	26	-3.9	7	-	-	2.06	92	.70	19	19	9	-	0	-	-	-	0	4	-	-	3.71	-
	Balmoral ...	9 9	927	10.1	2.6	6.3	+0.9	16.7	26	-3.9	7	-	-	2.48	111	1.26	19	16	9	3	0	0	0	0	-	4	11	0	-	-
	Dinnet	9 9	580	11.5	3.6	7.5	-	17.2	18,26	-1.7	3,7	6.6	-	1.86	-	.88	19	19	7	-	0	-	-	-	1	3	9	-	4.34	-
	Huntly	9 9	405	11.0	3.3	7.1	-	17.8	26	-1.6	1	-	-	1.59	-	.61	19	21	11	0	0	1	0	0	0	3	5	0	-	-
	Fyvie Castle ...	9 9	218	11.4	3.3	7.3	-	15.6	26,27	-2.8	1,3	-	-	1.41	-	.50	19	19	12	0	0	0	0	0	-	4	-	0	4.96	-
	Craibstone ¶§	9 9	300	11.0	3.8	7.4	+0.9	17.2	26	-1.1	1	6.3	5.4	1.71	78	.73	19	16	10	0	0	1	0	0	1	2	6	0	4.30	87
	Dyce	21-9	190	11.5	3.5	7.5	+0.9	18.6	26	-1.7	1,7	-	-	1.52	66	.72	19	14	9	0	0	1	0	0	1	3	12	0	3.99	-
	Aberdeen ...	9 9	170	11.0	3.9	7.5	-	17.2	26,28	-0.6	7	-	-	1.74	79	.82	19	13	10	0	0	0	0	0	3	1	9	0	4.51	94
	Hilton	9 9	230	11.3	4.3	7.8	-	17.2	28	-0.6	5	7.0	-	1.69	-	.75	19	14	10	2	0	0	1	1	1	3	9	0	-	-
	Udny	9 9	352	10.9	3.4	7.1	-	17.2	28	-1.7	1,3	-	-	1.58	-	.61	19	17	11	0	0	0	0	0	1	3	11	0	4.57	-
	Rattray Head ...	21-9	85	9.9	4.5	7.2	+0.7	14.9	28	0.5	1	-	-	1.24	69	.26	19	17	13	0	0	0	0	0	5	0	-	0	4.83	-
Kincardine	Fettercairn ...	9 9	560	10.6	3.7	7.1	-	16.7	28	-1.1	7	-	-	2.24	-	.70	19	17	14	1	1	1	0	0	1	2	15	0	3.87	-
	Strachan ...	9 9	400	11.4	3.6	7.5	-	17.8	26	-3.3	3	5.7	-	1.97	-	1.09	19	12	8	1	0	1	0	0	1	4	14	0	4.29	-
	Stonehaven ...	9 9	12	11.4	3.8	7.6	+0.5	17.2	28	-2.2	8	-	-	1.68	85	.84	19	15	11	0	0	0	0	0	0	2	-	0	4.45	91
	Muchalls ...	9 9	210	10.8	3.9	7.3	-	16.1	28,29	-0.5	7	-	-	1.77	-	.96	19	13	8	1	0	0	0	0	0	1	10	0	-	-
Angus	Mylnefield ...	9 9	100	11.6	5.2	8.4	-	16.7	27	0.6	5	7.5	6.1	1.93	-	.62	19	14	9	0	0	0	0	0	0	0	4	0	4.24	-
	Auchterhouse ...	9 9	760	10.8	2.9	6.9	-	15.6	18,26	-2.2	3	5.9	5.1	2.57	-	.91	19	16	11	2	0	1	5	0	2	3	14	0	3.70	-
	Dundee ¶	9 9	147	11.8	5.3	8.5	+1.1	16.7	26	0.0	5	8.2	-	1.79	103	.78	19	17	8	0	0	0	0	0	-	0	8	0	3.73	-
	Glamis Castle ...	9 9	200	11.6	3.9	7.7	-	16.1	26,27	-2.8	5	-	-	2.02	-	.52	19	16	11	1	0	0	0	0	0	3	12	0	-	-
	Whitehillocks ...	9 9	845	10.7	2.7	6.7	-	16.1	26	-2.2	7,18	-	-	2.85	-	.90	19	18	11	0	0	1	0	0	1	3	7	0	-	-
	Buddon Ness ...	9 9	15	11.1	4.3	7.7	+1.0	15.6	28	-2.8	5	-	-	2.23	130	.91	19	16	11	0	-	0	0	0	0	4	-	0	-	-
	Carnoustie ...	9 9	29	11.2	5.0	8.1		15.6	28	0.0	5	8.3	-	2.32	130	.92	19	17	11	0	0	0	0	0	0	1	4	0	4.36	-
	Arbroath §	9 9	95	10.8	4.9	7.9	+0.6	15.6	28	0.6	3,7	-	-	1.86	120	.71	19	16	10	0	0	0	0	0	0	0	3	0	4.52	82
	Montrose ...	9 9	186	11.3	4.5	7.9	-	17.2	26	0.0	3	-	-	1.74	94	.71	19	21	11	0	0	1	0	0	0	1	9	0	-	-
Perth	Dall	9 9	720	11.0	3.1	7.1	-	16.1	27	-2.8	7	-	-	3.34	-	.76	19	24	15	1	0	0	0	0	0	5	12	0	-	-
	Strathyre ...	9 9	425	10.6	3.4	7.0	-	15.6	18	-3.9	5	7.0	5.9	5.76	-	.88	13	23	21	0	0	0	0	0	0	3	9	0	-	-
	Callander ...	9 9	230	11.3	4.0	7.7	-	16.1	18	-2.2	5	-	-	5.17	-	.93	13	22	21	-	0	-	-	-	0	2	7	-	-	-
	Ardtalnaig ...	9 9	427	11.2	4.0	7.6	-	16.1	26	-0.6	3,5	-	-	3.79	-	.71	19	23	19	0	0	1	0	0	0	2	7	0	-	-
	Dunblane ...	9 9	230	-	-	-	-	-	-	-	-	-	-	3.30	-	.69	19	22	18	-	-	-	-	-	-	-	-	-	3.80	-
	Pitlochry ...	9 9	473	11.4	3.3	7.3	-	16.1	18,26,28	-3.9	4	-	-	1.99	-	.65	19	19	21	1	0	0	0	0	0	6	10	0	4.14	-
	Faskally ...	9 9	310	12.0	3.8	7.9	-	16.7	18,26,27	-2.8	4	7.3	6.0	1.98	-	.59	19	19	12	1	0	0	0	0	0	4	7	0	-	-
	Dunning ...	9 9	250	11.6	4.2	7.9	-	17.2	27	-1.1	3	-	-	3.16	-	.88	19	20	10	-	-	-	-	-	0	3	10	-	4.15	-
	Perth	9 9	77	11.8	5.1	8.5	+0.8	16.1	18	-1.7	5	-	-	3.07	179	1.30	19	20	11	0	0	0	0	0	0	2	4	0	4.08	84
	Inveralmond ...	9 9	26	12.4	4.9	8.7	-	16.7	18,27,28	-2.8	5	-	-	2.63	-	.95	19	17	10	1	0	0	0	1	-	2	5	0	-	-
	Blairgowrie ...	9 9	230	11.6	4.4	8.0	-	17.2	27	-0.6	5	7.3	-	1.97	-	.69	19	14	9	0	-	0	0	0	-	1	8	0	4.03	-
	Glenshee Lodge	9 9	1100	9.7	2.4	6.1	-	15.0	18,26	-5.0	7	5.6	-	2.74	-	.46	13	23	15	1	1	0	1	0	0	5	10	0	-	-
Fife	Pitreavie ...	9 9	130	11.7	5.0	8.3	-	16.2	27	-1.0	5	-	-	2.09	-	.87	19	18	11	0	0	0	0	0	1	1	4	0	-	-
	Ballingry ...	9 9	425	10.8	4.3	7.5	-	16.1	27	0.6	5	6.5	5.4	2.59	-	.74	19	19	13	0	0	0	0	1	1	0	7	0	4.06	-
	Kirkcaldy ...	9 9	137	11.5	5.0	8.3	+0.8	15.6	26,27,28	-0.6	5	-	-	2.14	130	.91	19	17	12	0	0	1	0	0	0	1	2	0	4.21	-
	Cupar	9 9	82	12.1	5.1	8.6	-	17.8	27	-0.6	5	7.6	-	1.78	-	.74	19	12	10	0	0	1	0	0	0	1	4	0	-	-
	Leuchars ...	21-9	35	11.6	4.9	8.3	+0.7	17.4	27	0.5	3	-	-	1.76	115	.78	19	17	10	0	0	0	0	0	0	2	3	0	4.45	82
	St. Andrews ...	9 9	13	11.4	5.3	8.3	+0.9	17.2	27	1.1	5	7.8	6.7	1.99	126	.81	19	16	10	-	0	-	-	-	0	0	2	-	4.16	77

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno	9 9	700	10.9	3.6	7.3	-	16.1	27	-2.2	6	-	-	2.48	-	.82	19	12	9	-	-	-	-	-	8	3	8	-	3.35	72
	Turnhouse ...	21-9	114	11.9	4.9	8.4	+1.1	16.6	27	-2.9	5	-	-	2.00	126	.78	19	17	8	1	0	0	2	0	1	2	6	0	4.05	-
	Edinburgh—E. Craigs	9 9	200	11.4	4.9	8.1	-	16.1	27	-1.7	5	-	-	2.04	-	.81	19	16	7	0	0	1	0	0	0	1	6	0	3.65	-
	Davidson's Mains	9 9	200	11.7	5.1	8.4	+0.8	16.7	27	0.0	5	7.1	-	2.11	-	.85	19	16	10	0	0	0	0	0	4	1	6	0	3.93	- S
	Penicuik	9 9	620	10.8	3.8	7.3	-	16.7	27	-2.2	5	7.0	-	2.49	-	.57	19	21	9	1	0	0	0	0	1	2	9	0	3.85	-
	Bush House ...	9 9	605	10.8	3.9	7.3	-	16.7	27	-2.2	5	6.6	5.3	2.39	-	.53	19	19	12	1	0	0	0	1	2	2	9	0	4.33	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	11.5	5.0	8.3	+0.8	16.1	27	0.6	3	-	-	1.87	116	.78	19	14	8	0	0	0	0	0	1	0	7	0	4.28	88
	Liberton ...	9 9	200	11.8	4.8	8.3	+0.7	16.7	28	0.0	3,5	-	-	1.98	-	.74	19	12	9	-	-	-	-	-	-	0	4	-	-	-
	Royal Bot. Gdns.	9 9	74	11.7	5.2	8.5	+0.8	17.2	27	-1.7	5	8.0	-	2.05	-	.90	19	16	9	0	0	0	0	0	0	1	8	0	4.24	88
E. Lothian	Haddington ...	9 9	162	11.8	4.9	8.3	-	17.8	27	-1.7	5	-	-	1.40	-	.53	19	15	7	0	0	1	0	0	0	2	3	0	3.93	-
	North Berwick ...	9 9	152	11.4	6.0	8.7	+1.1	16.7	27	2.8	2,3,(22)	-	-	1.94	134	.66	19	14	10	-	0	-	-	-	5	0	-	-	4.14	83
	Dunbar ...	9 9	75	11.1	5.1	8.1	+0.7	18.3	27	0.6	5	-	-	1.30	-	.53	19	12	9	0	0	0	0	0	0	0	1	0	4.60	87
Berwick	Mertoun ...	9 9	225	11.8	4.4	8.1	-	18.9	27	-1.7	3,5	-	-	1.48	-	.37	19	18	8	-	-	-	-	-	-	2	7	-	3.76	-
	Lauder	9 9	600	11.0	3.4	7.2	-	17.2	27	-1.7	3,5	-	-	2.23	-	.39	13	19	11	1	0	3	0	2	0	2	14	0	3.90	-
	Marchmont ¶§	9 9	498	10.9	4.2	7.5	+0.6	18.3	27	-1.1	3	-	-	1.47	79	.42	19	17	10	0	0	0	0	1	1	1	-	0	3.91	83 S
	Whitchester ...	9 9	838	10.4	3.2	6.8	-	17.8	27	-1.7	3,5	-	-	1.88	-	.55	19	20	12	1	-	0	0	0	-	2	-	0	-	-
	St. Abb's Head ...	9 9	245	10.2	5.1	7.7	-	17.4	27	2.2	14	-	-	-	-	-	-	-	-	0	0	1	0	0	5	0	0	0	-	-
Peebles	Stanhope Farm	9 9	741	10.5	3.8	7.1	-	16.7	18	-5.0	5	-	-	2.99	-	.52	19	27	18	4	0	0	0	1	0	2	9	0	-	-
	Blyth Bridge ...	9 9	830	10.1	3.5	6.8	-	16.1	27	-6.1	5	-	-	2.82	-	.45	19	23	15	3	0	1	1	1	0	2	9	0	3.46	-
	West Linton ...	9 9	800	10.2	3.2	6.7	-	16.1	27	-2.8	5	6.3	5.4	3.13	-	.46	19	23	18	0	0	0	0	0	0	2	2	0	-	-
	Glentress ...	9 9	580	11.1	4.3	7.7	-	17.2	27	-2.2	3	-	-	2.33	-	.37	21	24	15	0	0	1	0	1	0	1	-	0	-	-
Selkirk	Bowhill ...	9 9	600	11.2	4.0	7.6	-	17.2	18,27	-2.2	5	-	-	2.50	-	.54	21	21	12	4	0	0	0	1	1	2	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	11.1	3.9	7.5	-	17.8	27	-5.0	3	-	-	2.18	-	.36	19	19	13	-	0	-	-	-	0	1	-	-	-	-
	Sourhope ...	9 9	900	10.5	3.7	7.1	-	18.9	27	-2.2	5	-	-	1.78	-	.41	18	19	12	-	0	-	-	-	0	2	9	-	2.93	-
6a SCOTLAND, W.																														
Argyll	Tiree ... ¶§	21-9	29	10.9	5.1	8.0	+0.2	15.4	18	-1.3	3	-	-	3.81	147	.55	16	22	19	1	0	0	3	0	0	1	12	0	5.60	98
	Rhuvaal	21-9	65	10.9	5.8	8.3	-	15.4	18	2.6	14	-	-	3.28	-	.61	13	21	19	0	0	0	0	1	0	0	0	0	-	-
	Colonsay ...	9 9	87	11.6	4.7	8.1	+0.4	16.1	18	0.6	3	-	-	3.28	108	.45	13	23	20	0	-	1	0	0	0	0	-	0	-	-
	Tobermory ...	9 9	270	11.2	4.2	7.7	-	15.6	18	0.0	1	-	-	4.79	-	.58	7	23	22	-	-	-	-	-	-	0	7	-	-	-
	Craighouse ...	9 9	10	11.8	5.5	8.7	-	16.1	18	1.7	1,3	-	-	4.15	-	.60	13	23	21	-	0	-	-	-	0	0	2	-	-	-
	Campbeltown ...	9 9	10	11.6	4.6	8.1	-	14.4	26,27	0.0	7	-	-	2.35	-	.52	19	15	9	0	0	0	0	0	7	0	-	0	5.66	-
	Achaglachgach ...	9 9	40	11.8	3.7	7.7	-	17.2	18	-2.8	5	-	-	3.88	-	.41	11	23	22	0	-	1	0	0	0	4	13	0	-	-
	Oban	9 9	229																											
	Lephinmore ...	9 9	30	11.6	4.7	8.1	-	16.7	18	-1.1	5	-	-	5.23	-	.63	13	22	21	0	0	2	0	0	0	2	13	0	3.24	-
	Glenbranter ...	9 9	120	11.2	3.5	7.3	0.0	15.6	18	-2.8	2,3,5	-	-	6.93	117	.78	13	23	23	-	0	-	-	-	0	5	12	-	-	-
	Benmore Forestry Sch.	9 9	46	11.7	3.6	7.7	+0.1	16.1	18	(-2.8)	4	7.4	6.5	7.32	131	1.10	13	23	23	0	0	0	0	0	2	6	9	0	-	-
	Younger Bot. Gdns.	9 9	40	11.4	4.3	7.9	-	16.7	18	-1.7	4	-	-	7.62	-	1.06	13	23	22	0	0	1	0	0	0	4	11	0	-	-
Bute	Rothesay ¶§	9 9	150	11.2	5.4	8.3	+0.5	16.1	18	1.7	2,3,5	7.7	6.6	3.41	104	.86	19	23	19	1	0	0	0	0	0	0	5	0	4.50	93
	Millport ...	9 9	16																											
Dunbarton	Helensburgh ...	9 9	293	11.3	4.4	7.9	+0.5	15.6	18	-0.6	3,5	-	-	5.10	156	.70	21	24	21	0	0	0	0	0	0	2	-	0	-	-
	Cumbernauld ...	9 9	310	11.3	4.1	7.7	-	16.7	27	-2.2	5	-	-	4.02	-	.83	21	24	21	0	0	0	0	1	1	2	6	0	-	-
Stirling	Earls Hill ...	9 9	1100	9.2	3.1	6.1	-	14.7	27	-0.8	4	-	-	5.27	-	.90	19	23	19	-	-	-	-	-	3	3	10	-	3.39	-
	Stirling	9 9	151	12.1	5.2	8.7	+0.6	17.2	18,27	-0.6	5	8.4	6.3	2.61	120	.57	13	22	15	0	0	0	0	1	1	1	5	0	3.90	-
	Falkirk	9 9	100	12.1	4.5	8.3	+0.4	17.8	27	-1.7	5	-	-	2.50	-	.57	19	21	15	-	-	-	-	-	-	2	-	-	-	-
Renfrew	Greenock ...	9 9	200	11.5	5.4	8.5	+0.5	16.1	18	1.7	5	-	-	4.26	120	.68	13	23	21	0	0	0	0	0	0	0	7	0	3.86	-
	Paisley	9 9	106	12.1	5.4	8.7	+0.4	17.8	18,27	0.0	5	8.3	6.7	3.04	123	.47	19	24	19	1	0	0	0	2	0	0	3	0	3.38	73
	Barrhead ...	9 9	97	11.7	4.4	8.1	-	17.2	18,27	-3.9	5	-	-	3.07	-	.44	21	23	19	0	0	0	0	1	0	2	8	0	-	-
	Renfrew ¶§	21-9	26	12.1	5.1	8.6	+0.8	17.4	27	-2.5	5	-	-	2.43	105	.52	19	21	17	0	0	1	0	1	0	1	7	0	3.51	76
Lanark	Crossmyloof ...	9 9	75	11.8	5.2	8.5	-	16.7	18,(27)	-2.2	5	-	-	2.83	-	.55	19	23	19	1	0	0	0	1	0	1	4	0	3.31	-
	Thorntonhall ...	9 9	453	11.0	4.0	7.5	-	17.2	18	-1.7	5	-	-	3.02	-	.50	19	23	22	0	0	0	0	0	-	2	11	0	-	-
	Glasgow, Springburn	9 9	351	11.3	4.6	7.9	+0.3	15.6	18,27	-1.1	5	-	-	3.83	166	.66	19	24	20	0	0	1	0	1	0	1	6	0	3.45	81
	Coatbridge ...	9 9	256	11.6	4.6	8.1	-	16.1	18	-2.2	5	-	-	3.05	-	.49	19	24	17	0	0	1	0	1	0	2	-	0	-	-
	Happendon Station	21-9	675	10.5	2.9	6.7	-	16.2	18	-6.2	5	6.3	-	3.00	-	.59	19	23	18	0	0	0	0	1	0	4	12	0	3.75	-
	Lowther Hill ...	21-9	2377	5.6	0.5	3.1	-	11.0	18	-5.0	3	-	-	-	-	-	-	-	-	4	-	0	0	1	21	10	-	8	2.50	-
	Leadhills ...	9 9	1270	9.4	2.8	6.1	-	17.2	27	-5.6	3	-	-	4.22	-	.54	19	24	21	2	0	0	2	0	0	3	9	0	-	-
	Carnwath ...	9 9	706	10.7	3.4	7.1	-	16.7	18	-6.1	5	-	-	2.32	-	.42	19	21	15	0	0	1	0	1	0	2	10	0	-	-
	Camps Reservoir	9 9	969	9.4	2.8	6.1	-	15.0	18	-5.6	5	-	-	2.82	-	.56	19	25	18	0	0	1	0	0	0	3	-	0	-	-
Ayr	Turnberry ...	9 9	25	11.9	5.2	8.5	+0.5	17.2	18	-2.2	5	-	-	1.91	-	.55	19	17	12	0	0	0	0	0	0	2	-	0	3.92	-
	Largs	9 9	20	11.4	5.1	8.3	+0.1	17.2	18	-0.6	6	-	-	3.28	-	.51	13	19	17	0	0	0	0	0	0	1	4	0	3.87	-
	Barr	9 9	400	11.5	3.3	7.4	-	17.2	18	-5.6	5	-	-	3.16	-	.54	19	24	19	0	0	0	0	0	0	5	-	0	-	-
	Auchincruive ...	9 9	147	11.5	4.8	8.1	+0.4	17.2	18,27	-2.2	5	7.2	6.6	1.60	74	.54	19	20	12	0	0	0	0	0	0	3	10	0	4.29	88
	Prestwick Airport	21-9	51	11.8	5.0	8.4	-	17.2	27	-2.6	5	-	-	1.70	84	.57	19	17	13	0	0	0	0	0	0	4	6	0	4.62	-
	Kilmarnock ...	9 9	115	11.8	5.0	8.4	+0.6	17.2	18,19	-1.7	5	7.9	6.8	2.41	-	.47	19	21	17	0	0	0	0	0	0	1	7	0	3.98	82S
Dumfries	Dalmacallan ...	9 9	480	10.5	3.8	7.1	-	15.0	18	-3.3	5	-	-	3.91	-	.52	27	23	19	0	0	0	0	0	0	3	8	0	-	-
	Dumfries ¶§	9 9	140	11.1	4.7	7.9	+0.3	16.1	18,27	-1.1	3,5	7.3	6.5	2.80	115	.47	19	24	18	0	-	1	0	1	0	2	9	0	3.82	84
	Eskdalemuir Obs'y. ¶§	21-9	794	10.4	3.4	6.9	+0.8	16.9	18	-5.3	5	6.5	5.6	3.69	97	.73	27	21	16	3	0	6	0	1	2	2	10	0	3.01	69
Kirkcudbright	Bargrennan ...	9 9	360	11.6	3.6	7.6	-	16.1	18	-3.9	5	-	-	3.48	-	.42	19	23	21	0	0	0	0	0	1	3	10	0	-	-
	Palnure	9 9	50	11.3	3.3	7.3	-	16.1	18	-3.3	5,7	-	-	3.22	-	.48	19	22	20	0	0	0	0	0	0	4	8	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	4.82	-	.68	19	24	20	-	-	-	-	-	-	-	-	-	4.11	-
	Glenlee	9 9	181	11.9	4.1	8.0	+0.6	16.1	18	-4.4	5	-	-	3.55	-	.50	19	23	21	0	0	0	0	1	0	4	5	0	-	-
	Dundeugh ...	9 9	390	11.2	3.2	7.2	-	15.6	18	-6.1	3	6.3	-	3.58	-	.51	19	22	19	1	0	1	0	1	0	5	-	0	-	-
	Glenlochar Barrage	9 9	154	11.4	4.4	7.9	-	16.1	18	-2.8	5	-	-	3.32	-	.49	19	24	21	-	0	-	-	-	0	3	-	-	-	-
	Threave ...	9 9	240	11.1	4.2	7.7	-	16.1	18	-2.8	3	-	-	3.56	-	.52	19	22	21	0	0	2	0	2	0	4	7	0	-	-
	Castle Douglas ...	9 9	196	11.2	5.3	8.3	-	16.7	18	-1.1	4	7.2	-	3.26	-	.52	19	20	18	-	0	-	-	-	0	1	10	-	4.37	-
Wigtown	West Freugh ...	21-9	50	11.1	4.7	7.9	-	14.6	18	-3.8	5	-	-	2.60	118	.49	19	20	16	-	-	-	-	-	-	4	-	-	4.42	-
	Penwhirn ...	9 9	546	10.2	3.7	6.9	-	14.4	18	-2.8	3,5	-	-	3.24	-	.45	19	20	18	0	0	0	0	0	2	4	4	0	3.71	-
	Mull of Galloway	21-9	257	10.3	5.3	7.8	-	14.6	28	0.5	3	-	-	-	-	-	-	-	-	0	0	0	0	0	2	0	-	1	-	-
6b ISLE OF MAN																														
Isle of Man	Ronaldsway ...	21-9	55	10.6	5.6	8.1	-	13.3	29	0.2	3	-	-	1.83	92	.38	24	18	12	0	0	0	0	0	1	0	6	1	4.79	-
	Douglas	9 9	284	10.6	5.4	8.0	+0.2	14.4	18	1.7	3	-	-							0	0	0	0	0	5	0	5	0	4.95	84
	Point of Ayre ...	21-9	30	11.8	5.8	8.8	-	15.9	26	0.4	7	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	1	5.01	-
2 ENGLAND, N.E.																														
Northumberland	Kielder Castle ...	9 9	660	10.4	3.1	6.7	-	17.8	27	-5.0	3,5	6.6	-	3.31	111	.53	19	22	16	0	0	0	1	0	3	2	14	0	-	-
	Bellingham ...	9 9	849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corbridge ...	9 9	160	12.1	4.2	8.1	-	18.9	27	-3.3	5	-	-	1.85	-	.37	19	17	11	0	0	1	0	0	1	3	6	0	-	-
	Berwick-on-Tweed	9 9	76	10.8	5.2	8.0	+1.4	14.4	26	0.0	5	-	-	1.46	108	.44	19	14	6	0	0	0	0	0	2	1	1	0	4.30	82
	Cockle Park ¶§	9 9	326	11.1	4.7	7.9	+1.0	17.8	27	0.6	5	6.9	-	1.89	98	.49	18	20	10	0	0	0	1	0	2	0	5	0	3.69	75
	Acklington ...	21-9	138	11.5	4.8	8.1	-	17.2	27	-0.3	5	-	-	1.87	-	.43	18	22	9	0	0	3	0	1	1	1	8	1	4.63	-
	Tynemouth ...	21-9	95	10.9	6.0	8.5	+0.8	16.4	27	2.0	5	-	-	2.13	131	.57	18	14	9	0	0	1	0	1	1	0	2	0	4.19	86
Durham	Chopwellwood ...	9 9	446	11.9	4.4	8.1	+0.7	17.2	18,27	-1.1	5	-	-	2.31	124	.60	18	16	11	1	0	0	0	0	1	1	8	0	-	-
	Ushaw College ...	9 9	594	11.7	4.4	8.1	+0.9	17.8	27	0.0	2,5	-	-	2.27	121	.60	21	15	12	0	0	0	0	1	5	0	-	0	-	-
	Houghall ...	9 9	123	12.7	4.6	8.7	-1.2	18.9	27	-2.8	5	-	-	2.03	114	.48	18	19	12	0	0	2	0	0	1	1	9	0	3.84	84
	Durham ¶§	9 9	336	12.1	4.7	8.4	+1.0	17.8	27	-0.6	5	7.2	6.2	2.04	120	.48	18	17	13	-	0	-	-	-	-	1	4	-	4.05	88
	Gateshead ...	9 9	509	11.2	5.2	8.2	-	16.7	27	0.0	5	-	-	2.07	-	.49	18	17	11	-	0	-	-	-	2	1	3	-	3.14	-
	Middleton St. George	21-9	115																											
	West Hartlepool	9 9	30	12.5	6.1	9.3	-	20.0	27	1.7	5	-	-	1.61	-	.54	18	14	7	0	0	0	0	0	1	0	1	0	4.61	-
Yorks., N. Riding	Dishforth ...	21-9	105	12.9	5.5	9.2	-	19.3	27	-1.4	2	-	-	1.77	107	.38	18	16	11	0	0	0	0	0	0	1	4	0	4.20	-
	Thirsk	9 9	111	12.7	5.0	8.9	-	18.9	27	-0.1	2,11	-	-	1.46	-	.30	18	15	9	0	0	0	0	0	0	2	12	0	-	-
	York ... ¶§	9 9	57	13.1	5.8	9.5	+0.9	20.0	27	0.0	2	8.1	6.8	2.34	138	.64	19	15	13	0	0	0	0		0	0	-	0	4.03	85
	Ampleforth ...	9 9	313	12.1	4.7	8.4	+0.7	18.3	27	0.0	2	-	-	1.75	88	.34	18	14	9	0	-	0	0	0	3	0	8	0	-	-
	Redcar	9 9	25	12.7	6.2	9.5	-	20.0	27	3.3	1,2,3,5	-	-	1.50	104	.58	18	15	8	-	0	-	-	-	0	0	-	-		
	Pickering ...	9 9	143	12.7	4.4	8.5	-	19.4	27	-1.7	11	-	-	1.56	-	.25	23	15	10	0	0	0	0	0	0	2	8	0	-	-
	Whitby	9 9	135	12.2	5.7	8.9	-	19.4	27	1.7	6	-	-	1.32	82	.40	18	10	10	0	0	0	0	0	1	0	-	0	4.56	91
	Scarborough ¶§	9 9	118	12.5	5.6	9.1	+0.6	17.8	26	1.7	6	8.4	7.6	1.47	83	.32	18	14	9	0	0	0	0	1	1	0	0	0	4.43	88
	Silpho Moor ...	9 9	665	11.1	4.1	7.6	-	17.2	26	0.0	2	6.1	-	1.80	-	.41	18	16	11	0	0	0	0	1	1	1	8	0	4.22	-
	Whitby C/Guard	21-9	200	11.3	5.7	8.5	-	18.9	27	1.4	6	-	-	1.14	-	.38	18	10	7	0	0	0	0	0	1	0	1	0	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	11.2	4.5	7.9	-	17.8	27	0.6	3	6.3	-	1.31	69	.27	18	13	9	0	0	0	0	0	1	0	3	0	3.79	-
	Hull	9 9	8	12.7	5.9	9.3	+0.6	20.0	27	1.7	2,5	7.9	6.1	1.78	97	.25	16	14	11	0	0	0	0	2	0	0	7	0	4.12	87
	Leconfield ...	21-9	24	12.8	5.3	9.1	-	19.7	27	0.3	5	-	-	1.69	-	.33	26	13	10	0	0	0	1	2	0	0	10	0	3.98	-
	Filey	9 9	122	11.7	5.2	8.5	-	17.2	26	1.1	11	-	-	1.27	-	.25	18	12	9	0	0	0	0		1	0	9	0	4.19	-
	Bridlington ...	9 9	157	11.4	4.7	8.1	-	17.2	26	0.6	8,11	-	-	1.36	-	.31	21	11	7	0	0	0	0	0	2	0	5	2	4.32	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Navenby ...	9 9	60	12.8	4.5	8.7	-	20.6	27	-1.7	11	-	-	1.84	-	.34	16	19	9	1	0	1	0	1	0	2	10	0	-	-
	Waddington ...	21-9	224	12.4	5.2	8.8	+0.5	20.2	27	0.4	2	-	-	1.57	-	.33	16	16	9	1	0	0	1	1	0	0	7	0	3.70	-
	Lincoln	9 9	22	13.3	4.7	9.0	-	21.1	27	-1.1	5,11	7.2	5.9	1.75	-	.32	21	16	10	0	0	0	0	0	0	3	13	0	3.64	
	Cranwell ¶§	9 9	205	12.4	4.8	8.6	+0.4	20.0	27	0.6	2	7.6	6.4	1.85	111	.31	20	17	10	1	0	0	0	0	0	0	11	0	3.86	74
	Binbrook ...	21-9	353	11.8	5.0	8.4	-	18.9	27	0.9	6	-	-	2.02	-	.31	28	16	11	2	0	1	1	2	0	0	6	0	-	-
	Cleethorpes ...	9 9	23	12.8	5.7	9.3	+0.9	20.0	27	2.8	2,5,8	-	-	2.14	126	.43	21	13	10	0	0	0	0	2	0	0	-	0	4.86	92
	Manby	21-9	55	12.8	5.2	9.0	-	19.8	27	0.9	11	-	-	2.04	-	.37	21	15	10	0	0	1	1	1	0	0	5	0	4.43	-
	Skegness ...	9 9	15	12.4	4.9	8.7	+0.6	19.4	27	0.6	8	-	-	1.99	124	.43	18	14	10	0	0	0	0	0	0	0	3	0	-	-
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	12.8	4.9	8.9	-	21.1	27	-1.1	6,25	7.9	-	2.01	135	.40	16	16	10	0	0	1	0	1	0	2	4	0	4.40	-
	Marham ...	21-9	76	12.6	4.9	8.7	-	19.6	27	-2.1	6	-	-	2.32	-	.74	16	15	10	1	0	1	0	5	0	1	7	0	-	-
	Santon Downham	9 9	80	13.3	4.1	8.7	-	20.6	27	-2.8	6,8	7.6	6.6	2.75	-	.62	16	16	11	-	0	-	-	-	0	5	11	-	3.96	-
	West Raynham ...	21-9	250	12.1	4.9	8.5	-	19.2	27	-1.4	6	-	-	2.55	-	.59	16	18	12	3	0	3	0	4	0	1	8	2	4.71	-
	Cromer	9 9	178	12.3	5.2	8.7	+0.4	20.0	27	1.1	4	-	-	2.48	136	.44	3	16	11	-	0	-	-	-	0	0	3	-	5.18	96
	Sprowston ¶§	9 9	93	12.1	5.3	8.7	+0.4	18.9	27	0.0	6	7.6	-	2.71	151	.63	3	14	9	0	0	0	0	5	0	0	6	0	3.91	75
	Coltishall ...	21-9	55	12.3	5.2	8.7	-	18.6	26,27	0.0	6	-	-	2.73	-	.49	3	15	9	1	0	2	0	4	0	0	7	0	-	-
	Burlingham ...	9 9	89	12.2	5.4	8.8	-	18.3	26,27	0.6	4,6	-	-	2.23	127	.50	3	15	9	0	0	0	1	5	0	0	4	2	4.31	-
	Gorleston ¶§	21-9	12	10.9	5.4	8.1	0.0	15.6	8	0.2	6	8.3	7.4	2.67	160	.57	28	11	8	0	0	1	0	3	1	0	1	0	4.75	86
Suffolk	Mildenhall	21-9	15	13.1	5.6	9.3	+0.5	20.3	27	-0.2	6	-	-	1.98	116	.59	16	14	9	1	0	1	0	2	0	1	8	0	4.41	82
	East Bergholt ...	9 9	14	13.0	4.7	8.9	-	19.9	27	-1.7	7	-	-	2.81	-	.69	16	19	12	0	0	0	0	1	0	2	12	0	-	-
	Wattisham ...	21-9	292	11.7	4.5	8.1	-	18.1	27	-0.6	8	-	-	2.76	-	.78	16	14	10	3	0	1	0	4	0	3	8	0	-	-
	Aldeburgh ...	21-9	15	10.4	5.6	8.0	-	15.2	29	1.6	4	-	-	-	-	-	-	-	-	0	-	1	0	3	1	0	-	1	-	-
	Lowestoft ...	9 9	82	11.3	5.3	8.3	+0.1	16.1	28	0.6	4	8.3	7.0	2.41	144	.44	16	13	8	0	0	1	0	3	1	0	1	0	4.72	85
Cambridge	Boxworth ...	9 9	157	12.5	4.8	8.7	-	20.0	27	0.0	6	-	-	2.17	128	.51	20	14	10	0	0	1	0	2	0	1	8	0	3.86	-
	Cambridge Bot. Gdn. ¶	9 9	41	13.3	4.7	9.0	+0.2	20.6	27	-2.8	6	8.4	7.4	2.07	117	.42	16	12	10	0	0	0	0	1	0	2	9	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	12.9	5.1	9.0	-	20.6	27	-1.7	6	-	-	2.33	135	.40	16	14	10	0	0	1	0	1	0	2	10	0	3.80	74
Huntingdon	Monkswood ...	9 9	103	13.0	3.8	8.4	-	21.1	27	-2.8	6	7.6	-	2.14	-	.45	20	14	11	0	0	2	0	0	0	6	7	0	-	-
	Wyton	21-9	129	12.8	5.2	9.0	-	20.8	27	-0.4	5	-	-	2.22	-	.41	20	14	11	2	0	0	0	2	0	1	8	0	-	-
Bedford	Woburn	9 9	291	12.0	4.8	8.4	+0.2	20.0	27	-2.2	6	7.5	6.4	2.53	131	.37	15	15	11	0	0	1	0	1	0	2	6	0	3.58	70
	Luton	9 9	379	11.1	4.2	7.7	-0.6	18.9	27	-1.7	6	6.8	6.2	2.95	152	.71	20	17	15	-	0	-	-	-	1	1		-	3.59	72
	Silsoe	9 9	195	12.4	4.8	8.6	-	20.0	27	-2.8	6	7.6	6.6	2.57	150	.52	20	18	11	1	0	0	0	5	0	2	7	1	3.48	-
	Cardington ...	21-9	93	12.8	4.7	8.7	-	20.6	27	-2.4	6	7.5	6.5	2.36	151	.48	20	17	9	1	0	0	3	2	0	3	8	0	3.44	-
	Letchworth ...	9 9	209	12.8	5.1	8.9	-	21.1	27	-1.7	2	-	-	2.55	-	.55	20	16	12	-	-	-	-	-	-	1	8	-	-	-
Hertford	Bovingdon ...	21-9	516	11.5	4.3	7.9	-	18.9	27	-2.5	6	-	-	3.38	-	.61	22	18	13	3	0	2	0	3	1	3	8	0	-	-
	Garston ...	9 9	256	12.3	4.8	8.5	-	20.6	27	-2.2	6	-	-	3.86	-	.80	20	17	14	2	0	0	1	4	0	3	7	0	3.76	-
	Rothamsted ¶§	9 9	420	12.1	4.2	8.1	0.0	20.6	27	-1.1	6	7.3	6.3	3.27	156	.76	20	17	13	2	0	0	0	4	0	2	8	0	3.37	65
	St. Albans ...	9 9	272	12.2	4.5	8.3	0.0	20.0	27	-2.2	6	7.8	-	3.31	173	.68	20	16	13	2	0	0	0	2	0	4	7	0	-	-
	Stanstead Abbotts	9 9	97	12.8	4.5	8.7	-	20.0	27	-3.3	6	7.7	7.6	2.76	-	.58	16	15	11	-	0	-	-	-	0	3	6	-	-	-
	Hoddesdon ...	9 9	153	12.7	4.8	8.7	-	20.6	27	-2.2	6	8.0	-	2.84	-	.60	22	16	11	1	0	0	0	3	-	2	7	0	3.85	-
	Eastwick Lodge	9 9	137	13.1	4.6	8.9	-	21.7	27	-3.3	6	-	-	2.69	144	.47	22	17	12	-	0	-	-	-	0	4	-	-	-	-
Essex	Stansted ...	9 9	331	12.0	4.5	8.3	-	19.6	27	-2.8	6	-	-	2.24	-	.55	16	15	11	3	0	2	2	3	1	2	8	0	-	-
	Writtle	9 9	105	12.9	4.9	8.9	-	19.4	27	-1.7	7	7.6	-	2.68	143	.64	16	15	11	0	0	1	0	3	0	2	9	0	3.99	-
	Coryton ...	9 9	9																											
	Southend ...	9 9	90	13.0	5.4	9.2	-	20.0	27	0.6	4,5,6	-	-	2.64	160	.75	16	15	11	2	0	0	0	2	0	0	1	0	4.55	81
	Maldon	9 9	14	12.8	4.8	8.8	-	19.4	27	-1.7	7	-	-	2.61	-	.78	16	19	12	0	-	0	0	2	0	1	-	0	-	-
	Earls Colne ...	9 9	160	12.8	4.5	8.7	-	18.3	26,27	-1.1	7	7.9	7.2	2.68	143	.84	16	17	9	-	0	-	-	-	0	1	9	-	-	-
	Shoeburyness ¶§	21-9	7	12.4	5.7	9.1	+0.3	17.6	27	-0.9	7	-	-	2.39	150	.70	3	15	10	0	0	1	0	3	0	1	8	0	4.75	86
	Clacton-on-Sea ...	9 9	53	11.1	5.6	8.3	-	16.1	29	0.6	4	8.6	7.5	2.46	150	.52	15	15	10	1	0	0	0	2	0	0	2	0	4.45	77
	Walton-on-Naze	21-9	15	10.8	5.6	8.2	-	15.6	29	0.5	7	-	-	2.25	-	.47	16	15	11	2	0	0	0	3	0	0	3	0	4.78	-
	Dovercourt ...	9 9	11	12.1	5.0	8.5	-0.2	16.1	28	-1.1	7	-	-	2.70	-	.51	16	16	10	1	-	0	0	0	1	1	7	0	-	-
4	MIDLAND COUNTIES																													
Yorks., W. Riding	Slaidburn ...	9 9	629	10.7	4.3	7.5	-	17.8	27	-0.6	5	-	-	3.28	-	.41	19	21	17	1	0	0	0	0	1	2	7	0	2.98	-
	Malham Tarn ...	9 9	1297	9.1	3.1	6.1	-	16.1	27	-1.1	2	5.8	-	3.74	104	.57	11	25	20	2	0	0	0	0	1	2	11	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	12.2	5.6	8.9	+1.0	19.4	27	-0.6	2	7.4	6.2	1.96	-	.45	18	18	9	-	0	-	-	-	0	1	8	-	3.71	93
	" Oakes	21-9	761	11.4	4.7	8.1	+0.6	18.5	26	-0.7	2	6.3	5.5	2.31	92	.53	19	22	13	1	0	0	1	0	1	2	9	0	3.39	78
	Bradford ¶	9 9	439	11.6	5.2	8.4	+0.7	19.4	27	-0.6	2	7.0	5.6	2.14	92	.31	28	20	14	0	0	0	0	0	0	1	8	0	-	-
	Ilkley	9 9	315	12.3	5.2	8.7	+0.9	20.0	27	-1.7	2	-	-	2.16	84	.39	19	16	13	0	0	0	1	0	0	2	-	0	3.16	69
	Sheffield ...	9 9	429	12.7	5.3	9.0	+0.6	20.0	27	0.0	2,3	7.6	6.1	1.81	87	.53	18	16	11	0	0	0	0	0	-	0	8	0	3.04	70
	Wakefield ...	9 9	121	13.2	5.5	9.3	+0.7	20.6	27	0.6	2,3,5	7.4	6.4	1.42	78	.24	26	12	9	0	0	0	0	0	1	0	11	0	-	-
	Pontefract ...	9 9	255	12.3	5.2	8.7	+0.6	19.4	27	0.0	2,3	-	-	1.25	75	.32	18	10	8	0	0	0	0	0	1	0	2	0	-	-
	Bramham ...	9 9	177	12.8	4.8	8.8	-	20.0	27	-1.1	3	-	-	1.48	86	.29	18	15	10	0	0	0	0	0	1	3	8	0	4.33	-
	Cawood	9 9	20	13.1	4.7	8.9	-	20.0	27	-0.6	2,3,11	7.5	6.4	1.13	66	.27	20	13	9	0	0	0	0	0	0	3	8	0	3.62	-
	Askham Bryan ...	9 9	110	12.7	4.6	8.7	-	19.4	27	-1.1	2	-	-	1.41	77	.27	18,20	14	12	0	0	0	0	0	1	2	6	0	4.76	104
Derby	Buxton	9 9	1007	10.2	3.9	7.1	+0.6	17.8	27	-1.1	2	6.3	5.3	3.44	103	.38	18	18	16	0	0	0	0	0	4	3	8	0	-	-
	Chapel en le Frith	9 9	732	11.4	4.1	7.7	-	18.9	27	-1.7	11	-	-	3.10	-	.37	19	19	17	1	0	2	0	0	0	2	8	0	-	-
	Mackworth ...	9 9	293	12.1	4.5	8.3	-	19.4	27	-1.1	6	-	-	2.06	-	.44	18,28	16	11	-	-	-	-	-	0	4	8	-	-	-
	Belper	9 9	203	12.7	4.1	8.4	+0.2	20.0	27	-1.7	11	-	-	2.29	117	.45	19	17	16	0	0	0	0	0	-		-	0	-	-
	Derby	9 9	159	12.8	5.2	9.0	-	20.6	27	0.6	2,11	-	-	1.74	-	.36	28	17	10	0	0	0	0	0	0	0	7	0	3.57	-
	Morley	9 9	350	12.1	4.7	8.4	-	19.4	27	-0.6	2	-	-	1.84	98	.37	18	16	11	0	0	0	0	1	-	1	14	0	3.29	-
	Chesterfield ...	9 9	298	12.9	4.6	8.7	-	20.6	27	-0.6	2	-	-	2.40	-	.58	18	13	9	0	0	0	0	0	0	1	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	12.6	4.6	8.6	+0.3	19.4	27	0.0	11	7.1	6.6	1.29	77	.34	18	20	10	0	0	0	0	0	1	0	14	0	3.14	67
	Watnall	21-9	385	12.4	4.8	8.6	-	20.7	27	-0.6	2	-	-	1.87	97	.31	18	15	11	2	0	0	1	1	1	1	13	0	2.70	57
	Nottingham Training College ...	9 9	169	12.8	4.9	8.9	-	20.6	27	0.6	5	-	-	1.59	-	.40	28	13	10	-	-	-	-	-	0	0	5	-	-	-
	Mansfield ...	9 9	362	12.1	5.1	8.6	+0.4	20.0	27	0.0	2	7.5	-	1.88	95	.41	23	15	12	1	0	2	0	0	1	1	6	0	-	-
	Nottingham ¶§	9 9	192	12.7	5.2	8.9	+0.2	20.6	27	1.1	2,6,8	7.5	5.8	1.65	92	.35	18	13	11	0	0	0	0	0	1	0	9	0	2.64	61
	Warsop	9 9	150	(12.6)	4.3	(8.5)	-	20.0	27	-3.3	11	-	-	1.28	81	.35	18	13	9	0	0	0	0	0	1	3	11	0	3.11	-
	Finningley ...	21-9	34	13.1	5.5	9.3	+0.8	20.8	27	-0.1	11	-	-	1.83	-	.33	23,28	14	10	0	0	1	0	0	1	1	8	0	3.74	-
Leicester	Newtown Linford	9 9	392	12.1	4.4	8.3	-	19.4	27	-0.6	6	-	-	1.95	-	.38	18	20	12	1	0	0	1	2	0	1	10	0	3.20	-
	Caldecott ...	9 9	175	12.7	4.2	8.5	-	20.6	27	-1.7	6,8	-	-	1.90	-	.28	15	16	12	-	0	-	-	-	0	3	6	-	3.70	-
Northampton	Bugbrooke Mills	9 9	228	12.5	3.9	8.2	-	20.0	27	-1.7	7	7.3	6.6	1.65	-	.36	18	11	10	0	0	0	0	0	2	3	-	0	3.88	-
	Raunds	9 9	193	12.9	4.4	8.7	-	21.1	27	-1.1	6	7.9	6.5	1.95	113	.32	3	15	11	1	0	2	0	1	0	2	9	0	3.42	-
	Wittering ...	21-9	212	12.6	4.9	8.7	-	20.2	27	-0.2	6	-	-	2.09	-	.47	20	14	12	3	0	0	0	1	0	1	11	0	3.87	-
Warwick	Birmingham K.E.S.*	9 9	450	12.0	4.9	8.5	-	19.4	27	0.0	2	-	-	1.86	-	.38	22	20	12	3	0	0	0	1	0	0	-	0	-	-
	Edgbaston ¶§	21-9	536	11.8	5.3	8.5	0.0	19.8	27	0.1	2	6.7	7.0	1.88	82	.44	22	18	9	3	0	1	0	1	1	0	7	0	3.15	68
	Luddington ...	9 9	138	12.8	4.6	8.7	-	20.6	27	-1.7	6.	-	-	1.22	68	.26	21	16	9	0	0	0	0	0	0	3	11	0	4.03	-
	Stratford on Avon	9 9	160	13.1	3.9	8.5	-	20.6	27	-2.8	6,7	8.3	-	1.35	88	.27	21	18	11	0	0	0	0	0	0	4	13	0	3.79	-
	Elmdon	21-9	319	12.2	4.5	8.3	-	20.1	27	-2.6	6	-	-	1.78	90	.39	22	17	10	0	0	1	1	1	0	4	13	0	3.72	-
	Shipston on Stour	9 9	365	12.2	4.6	8.4	-	20.0	27	0.0	7	6.8	-	1.95	-	.48	21	15	11	1	0	2	0	1	0	1	13	-	4.11	- S
	Wellesbourne ...	9 9	153	12.6	4.1	8.3	-	20.6	27	-2.8	6,7	7.6	7.0	1.61	85	.29	21	20	10	0	0	0	1	1	0	5	13	0	3.59	-
	Moreton Morrell	9 9	280	12.5	4.4	8.5	-	20.0	27	-1.1	6	-	-	1.73	-	.34	21	15	11	1	0	2	0	0	0	1	9	0	3.94	-
	Coventry ...	9 9	338	12.5	-	-	-	19.4	27	-	-	7.8	6.5	1.80	90	.45	16	17	10	0	-	0	0	0	0	-	8	0	3.50	72
	Rugby	9 9	385	12.2	4.7	8.5	+0.3	19.4	27	-1.1	6	7.3	7.1	2.34	-	.38	19	14	12	1	0	1	0	2	0	1	8	1	-	-
Oxford	Oxford ¶§	9 9	208	12.7	5.6	9.1	0.0	20.6	27	-0.6	6	8.3	7.2	2.34	123	.30	15,27	16	12	0	0	0	0	1	0	1	7	0	4.28	81
	Grendon Underwood	9 9	220	13.0	4.4	8.7	-	20.0	27	-2.2	8	7.5	6.7	2.21	-	.45	15	15	10	0	0	0	0	0	-	3	6	0		
Buckingham	Medmenham	9 9	98	13.0	3.7	8.3	-	20.0	27	-3.9	6	-	-	3.07	-	.61	22	16	14	-	-	-	-	-	-	5	13	-	-	-
	Aylesbury ...	9 9	316	12.2	4.3	8.3	-	20.6	27	-1.7	6	-	-	2.16	111	.30	3,18	16	11	3	0	1	0	1	1	3	10	0	3.86	-
Stafford	Keele	9 9	587	11.6	4.4	8.0	-	18.9	27	-1.7	2	6.8	5.8	3.00	149	.79	19	17	13	0	0	0	1	1	1	1	9	0	3.54	-
	Oaken	9 9	409									7.1	-	2.32				13	12	-	-	-	-	-	-			-	-	-
	Stone	9 9	350	12.1	4.3	8.2	-	19.4	27	-2.2	2	-	-	2.53	-	.59	19	17	12	0	0	0	0	0	0	3	16	0	3.57	-
	Penkridge ...	9 9	330	12.2	4.4	8.3	-	20.0	27	-1.7	2,5	-	-	2.09	-	.54	16	15	13	0	0	1	0	0	0	3	14	0	-	-
	Onecote ...	9 9	1350	9.2	2.9	6.1	-	16.7	27	-2.2	2	4.8	4.1	3.58	-	.53	19	15	15	1	0	0	0	1	1	5	7	0	3.00	-
Shropshire	Oswestry ...	9 9	570	11.9	4.5	8.2	-	18.3	27	-1.1	2	-	-	2.27	-	.72	21	15	11	0	0	0	0	0	0	3	10	0	4.17	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	2.09	82	.39	20	18	11	-	-	-	-	-	-	-	-	-	4.31	-
	Shrewsbury ...	9 9	184	12.7	5.1	8.9	+0.3	19.4	27	-1.7	7	8.2	7.8	1.32	71	.31	20	17	12	1	0	2	0	0	0	3	7	0	4.10	82
	Shawbury ...	21-9	235	12.6	4.2	8.4	+0.2	19.9	27	-3.0	7	-	-	1.54	85	.38	23	17	12	0	0	1	0	0	0	7	13	0	3.92	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.32	-
	Newport ...	9 9	211	12.5	4.0	8.3	+0.4	19.4	27	-1.7	6,7	-	-	1.46	82	.22	19	15	10	0	0	1	0	0	0	5	15	0	3.06	63
Worcester	Malvern	9 9	203	12.8	5.3	9.1	-	20.0	27	0.0	6	8.2	6.9	1.06	49	.22	20	17	9	1	0	0	0	0	0	1	6	0	4.00	76
	Worcester ...	9 9	190	12.8	4.9	8.9	-	20.0	27	-1.7	6	-	-	.96	53	.17	20	16	10	-	0	-	-	-	3	2	11	-	3.83	-
	Pershore Inst. of Hort.	9 9	130	13.0	5.3	9.1	-	20.0	27	-0.6	6	-	-	1.05	-	.16	27	15	11	-	0	-	-	-	0	3	12	-	4.30	-
	Pershore ...	21-9	114	12.9	4.8	8.9	-	20.7	27	-1.4	11	-	-	.98	-	.21	16	15	8	0	0	0	0	1	0	3	6	0	4.07	-
	Halesowen ...	9 9	505	12.1	4.1	8.1	-	20.0	27	-1.1	6,11	7.5	6.4	2.03	-	.38	16	19	12	3	0	0	0	1	0	4	10	0		-
Hereford	Lyonshall ...	9 9	510	11.9	4.7	8.3	+0.1	18.3	27	-0.6	6,7	-	-	2.09	-	.58	20	15	9	-	-	-	-	-	-	3	11	-	-	-
	Credenhill ...	9 9	246	12.6	4.6	8.6	-	20.0	28	-1.7	6,7,11	-	-	1.39	-	.53	20	17	11	-	0	-	-	-	0	0	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	12.6	5.1	8.9	0.0	19.7	27	-1.7	6	8.3	7.7	1.62	83	.52	20	18	11	2	0	1	0	0	0	4	10	0	3.72	70
	Preston Wynne ...	9 9	274	12.5	4.2	8.3	-	18.3	26,27	-2.2	6,11	-	-	1.19	-	.37	20	17	12	3	0	0	0	0	0	4	12	0	4.95	-
Gloucester	Avonmouth ...	9 9	31	12.0	5.8	8.9	-	18.3	27	0.6	8	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	3	0	-	-
	Filton	21-9	192	12.4	5.3	8.9	+0.1	19.6	27	-1.5	8	-	-	1.88	96	.43	20	17	10	1	0	0	0	0	0	2	7	0	4.06	-
	Hempsted ...	9 9	39	12.6	5.2	8.9	-	20.0	27	-1.7	6,7	8.4	7.6	1.96	-	.53	15	20	11	2	-	1	0	0	0	3	5	0	3.85	-
	Gloucester ...	21-9	79	13.1	5.7	9.4	-	20.8	27	-1.4	6	-	-	1.84	-	.50	15	16	11	0	0	0	2	0	0	3	5	0	4.17	-
	Cheltenham ...	9 9	214	12.7	5.2	8.9	0.0	20.0	27	-1.1	6,7	-	-	1.79	93	.39	15	16	12	-	-	-	-	-	-	2	-	-	3.85	-
	Cirencester ...	9 9	443	12.0	4.3	8.1	-	18.9	27	-1.1	6,11	-	-	2.63	114	.52	15	16	14	2	0	0	1	0	0	3	11	-	4.30	-
	Little Rissington	21-9	740	11.2	4.5	7.7	-	19.2	27	0.0	3	-	-	1.93	86	.36	15	13	10	4	0	0	2	0	1	0	8	0	3.79	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	13.1	5.9	9.5	-0.3	21.1	27	-0.6	6	8.6	7.6	3.38	176	.72	20	18	13	0	0	0	0	1	0	1	5	0	-	-
	Hampstead ...	9 9	450	12.0	5.2	8.6	+0.1	20.6	27	0.0	6	-	-	3.54	167	.83	20	18	13	2	0	0	0	3	-	1	7	0	4.17	81
	St. James's Park	9 9	27	13.4	5.5	9.5	-0.5	19.4	26	-0.6	6	-	-	3.07	165	.66	16	15	13	1	-	0	0	0	-	1	-	0	-	-
	Regent's Park ...	9 9	129	12.8	5.9	9.3	-	21.1	27	-1.1	6	-	-	3.28	-	.70	16	15	12	-	0	-	-	-	1	1	5	-	3.71	77
	Camden Square	9 9	121	13.3	5.3	9.3	-0.7	21.7	27	0.0	6	8.1	6.4	3.27	166	.56	20	17	12	-	-	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.94	81
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.00	85
	Greenwich ...	9 9	24	13.0	5.5	9.3	-	21.1	27	(1.1)	6	-	-	2.77	155	.40	16	18	14	1	0	0	0	2	0	1	3	0	4.26	90
Middlesex	London (Heathrow) Airport	21-9	82	12.8	5.5	9.1	-0.2	20.3	27	-1.4	6	-	-	2.89	162	.58	20	16	11	2	0	1	0	3	0	2	6	0	4.20	-
	Hampton ...	9 9	39	12.8	5.6	9.2	-	20.0	27	-1.1	6	-	-	3.05	-	.70	20	16	13	1	0	0	0	3	0	2	7	0	4.26	-
	Southgate ...	9 9	221	12.8	5.3	9.1	-	20.6	27	-0.6	6	7.2	-	3.28	-	.65	22	15	11	1	0	0	0	2	0	1	5	0	3.49	- S
Surrey	Wisley	9 9	150	13.0	5.1	9.1	+0.1	21.1	27	-1.7	6	8.4	7.4	3.62	179	.78	20	17	12	1	0	0	1	3	0	2	6	1	4.27	83
	Mickleham ...	9 9	179	12.6	4.2	8.4	-	19.4	27	-2.8	6	-	-	3.67	163	1.13	20	17	12	2	0	0	0	2	0	4	12	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	12.6	6.2	9.4	0.0	19.7	27	-0.3	6	8.3	7.8	3.16	175	.73	20	16	11	1	0	1	0	3	0	1	7	0	4.31	91
—cont.	Gatwick ... §	21-9	192	12.6	3.6	8.1	-	19.6	27	-4.0	6	-	-	3.52	-	.81	20	17	13	4	0	1	1	2	0	4	12	0	4.44	-
	Waddon ...	9 9	220	12.7	3.8	8.3	-0.8	18.9	27	-1.1	6	-	-	3.43	157	.76	20	16	14	-	-	-	-	-	-	4	-	-	-	-
	Addington ...	9 9	474	12.0	5.1	8.5	-0.1	19.4	27	-0.6	6	-	-	3.63	159	.72	20	19	16	-	-	-	-	-	0	1	-	-	-	-
Kent	Bromley ...	9 9	213	12.7	5.4	9.1	-0.2	18.3	26	-1.1	6	-	-	3.04	149	.63	3	18	14	-	-	-	-	-	2	2	-	0	-	-
	Swanley ...	9 9	177	12.7	4.6	8.7	-	20.6	27	-2.2	6	8.1	-	3.05	-	.74	3	15	14	2	0	0	0	2	1	2	9	0	4.16	-
	Dartford ...	9 9	17	13.1	5.1	9.1	-	20.6	27	-2.2	6	-	-	2.55	142	.54	3	16	14	0	0	0	0	1	0	2	-	0	-	-
	Tunbridge Wells	9 9	351	12.1	3.8	7.9	-0.5	20.0	27	-3.3	7	8.2	7.3	3.16	142	.70	16	17	12	1	0	1	0	2	1	4	7	0	4.74	84
	Goudhurst ...	9 9	280	12.4	4.3	8.3	-	20.0	27	-2.8	7	-	-	3.44	148	.79	16	18	14	1	0	1	0	2	0	3	7	0	-	-
	East Malling ¶§	9 9	122	12.7	4.4	8.5	-0.1	19.4	27	-2.2	7	8.1	7.3	3.15	151	.79	3	19	13	3	0	0	0	1	0	2	9	0	4.62	87
	Gillingham ...	9 9	14	13.3	5.5	9.4	-	22.2	27	-1.1	7	-	-	2.97	-	.77	16	17	12	0	0	0	0	0	0	1	-	0	3.48	-
	Sittingbourne ...	9 9	224	12.2	4.9	8.5	-	18.3	27	-1.1	7	7.7	6.9	3.26	191	.81	3	17	14	0	0	0	0	1	0	2	8	0	5.00	-
	Isle of Grain ...	9 9	9	12.9	6.6	9.7	-	19.4	27	1.7	4,6,7	-	-	2.65	-	.72	3	15	14	1	0	0	0	1	0	0	5	0	4.46	-
	Faversham ...	9 9	157	12.2	5.2	8.7	-	18.9	27	-1.1	7	8.1	7.0	2.91	-	.82	3	17	13	1	0	1	0	2	0	1	3	0	5.00	-
	Dungeness ...	21-9	10	10.7	5.6	8.1	-0.3	15.6	27	-2.0	7	-	-	2.27	128	.49	3	15	12	0	0	0	0	2	0	1	-	0	-	-
	Wye ...	9 9	185	12.6	4.8	8.7	0.0	20.0	27	-1.7	7	-	-	3.05	141	1.03	3	17	15	1	0	0	0	2	0	1	4	1	4.89	86
	Whitstable ...	9 9	9	12.5	6.1	9.3	-	20.0	27	-1.7	7	-	-	2.35	151	.72	3	15	11	0	0	0	0	2	0	1	-	1	5.46	-
	Folkestone ...	9 9	128	11.4	5.3	8.3	-	16.1	26,27	0.6	4,7	-	8.2	3.32	179	1.21	3	16	11	1	0	2	0	2	0	0	1	0	5.39	-
	Elmstone ...	9 9	28	13.2	4.9	9.1	-	20.6	27	-1.1	7	-	-	2.89	-	.72	15	16	12	-	0	-	-	-	0	1	1	-	-	-
	Herne Bay ...	9 9	21	12.9	6.4	9.7	-	20.6	27	0.0	7	-	-	2.45	149	.73	3	16	10	0	0	0	0	0	0	0	-	0	5.03	-
	Dover ...	9 9	19	11.6	5.8	8.7	-0.2	17.8	27	0.0	7	8.9	7.8	4.00	198	1.60	3	16	13	1	0	1	0	2	0	0	1	0	5.42	- S
	Deal ...	21-9	18	12.1	6.7	9.4	-	19.5	27	1.2	7	-	-	2.58	-	.74	3	15	9	0	0	0	0	1	0	0	1	0	-	-
	Manston ...	21-9	145	12.3	5.0	8.7	-	19.3	27	-1.7	7	-	-	2.37	-	.78	3	13	8	1	0	0	0	2	0	1	5	0	-	-
	Ramsgate ...	9 9	80																											
	Margate ...	9 9	51	11.8	6.6	9.2	+0.2	19.4	27	1.7	7	8.6	7.7	2.33	166	.55	3	14	9	0	0	1	0	3	0	0	0	0	5.54	91
Sussex	Thorney Island ...	21-9	10	12.1	5.5	8.8	-	16.9	27	-0.6	6	-	-	2.30	130	.43	16	16	9	2	0	0	0	1	0	1	6	0	4.59	-
	Bognor Regis ...	9 9	24	10.3	5.6	7.9	-0.9	15.0	24	-0.6	7	-	8.3	2.89	147	.66	20	15	10	0	0	0	1	1	0	2	5	0	5.18	86
	Fernhurst ...	9 9	188	12.2	4.4	8.3	-	18.9	27	-2.2	6	-	-	3.23	-	.61	20	17	13	2	-	1	0	0	-	4	6	0	4.49	-
	Littlehampton ...	9 9	15	10.8	5.2	8.0	-0.9	15.0	24	-1.1	6,7	-	7.9	3.27	176	.85	16	15	11	0	0	0	0	1	0	2	-	0	5.04	83
	Rustington ...	9 9	10	11.2	4.7	7.9	-	14.4	24,26,27	-2.2	8	-	7.3	3.24	-	.95	20	16	12	-	0	-	-	-	-	3	7	-	4.40	-
	Worthing ...	9 9	25	10.8	5.7	8.3	-0.7	14.4	24	0.0	6	8.6	7.8	2.27	128	.46	16	16	11	0	0	0	0	1	0	0	5	0	4.99	80
	Brighton ...	9 9	32	10.4	5.9	8.1	-	15.0	24,27	0.6	7	-	8.5	2.36	130	.66	16	16	12	0	0	1	0	1	2	0	5	0	4.79	80
	East Grinstead ...	9 9	400																											
	Seaford ...	9 9	45	11.1	5.2	8.1	-	16.7	27	-1.1	7	-	-	2.64	139	.44	3	14	14	-	-	-	-	-	1	2	-	-	5.09	83
	East Hoathly ...	21-9	130	11.8	4.5	8.1	-	19.0	27	-3.1	7	-	-	2.55	-	.52	16	16	13	0	0	0	0	0	2	3	7	0	4.63	-
	Eastbourne ...	9 9	23	10.7	5.8	8.3	-0.7	13.9	16,27	0.0	7	9.3	8.8	2.99	149	.56	16	15	14	0	-	0	1	2	0	1	4	0	5.65	90
	Eastbourne C/Guard	21-9	17	11.1	5.2	8.1	-	14.5	27	-0.7	7	-	-	2.97	-	.59	16	17	15	0	0	1	0	2	0	1	4	1	-	-
	Bexhill ...	9 9	12	10.8	5.8	8.3	-0.5	16.1	16	-1.1	7	9.3	-	2.78	147	.86	16	14	13	0	0	1	0	2	1	1	2	0	5.08	85
	Bodiam ...	9 9	73	12.3	4.4	8.3	-	18.9	27	-2.2	7	8.4	7.4	3.37	-	.94	16	15	13	0	0	1	0	2	0	2	8	0	4.56	-
	Hastings ¶§	9 9	149	10.8	5.8	8.3	-0.6	16.7	16	1.1	4	9.6	8.6	2.73	141	.55	3	15	13	0	0	1	0	2	4	0	5	0	5.42	86
Berkshire	Letcombe Regis	9 9	350																											
	Abingdon ...	21-9	210	12.9	5.0	8.9	+0.1	21.2	27	-1.5	6	-	-	2.28	125	.31	28	18	15	2	0	1	0	2	0	3	7	0	4.06	-
	Compton ...	9 9	339	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Woolhampton ...	9 9	370	12.2	4.5	8.3	-	18.9	27	-1.1	6	7.9	-	2.62	137	.39	19	16	11	1	0	0	0	3	0	1	12	0	-	-
	Wallingford ...	9 9	157	11.7	4.7	8.2	-	20.0	27	-2.8	6,7	8.0	7.3	2.37	-	.46	22	16	11	1	0	0	0	1	0	4	10	0	3.81	-
	Shinfield ...	9 9	200	12.7	4.8	8.7	-0.2	21.1	27	-1.7	6,7	-	-	2.44	132	.41	22	16	12	1	0	1	0	3	0	2	7	0	4.61	-
	Reading ...	9 9	148	12.9	5.4	9.1	-0.2	20.6	27	-0.6	6,7	8.7	7.6	2.60	137	.34	16	18	13	1	0	0	1	3	0	2	6	0	4.49	-
	Reading S.T.G.	9 9	141	12.7	5.1	8.9	-	20.0	27	-1.7	6	-	-	2.57	144	.37	19	17	13	1	0	0	0	3	0	2	6	0	4.29	-
	Finchampstead ...	9 9	212	12.5	4.3	8.4	-	20.0	27	-1.7	6,7,8	7.5	7.0	2.40	-	.36	16	18	13	2	0	0	1	3	0	4	12	0	4.56	-
	Hurley ...	9 9	140	12.8	4.6	8.7	-	20.0	27	-1.7	6,7	7.8	-	3.05	-	.61	22	17	13	0	0	2	0	2	0	4	7	0	4.18	
	Bracknell ...	9 9	243	12.7	4.9	8.8	-	20.6	27	-1.7	6	8.2	7.2	2.98	-	.44	16	18	13	2	0	0	0	2	0	2	5	0	-	-
Hampshire	Bournemouth ...	9 9	130	11.3	5.5	8.4	-0.8	16.1	24	-0.6	6,7	8.3	7.9	2.17	109	.58	16	16	10	2	0	1	0	0	0	2	4	0	4.76	77
	Hurn ...	21-9	33	11.9	5.1	8.5	-	16.5	24	-3.2	6	-	-	2.30	116	.53	16	17	10	2	0	2	0	1	0	3	6	0	-	-
	Christchurch ...	9 9	9	11.7	5.2	8.5	-	15.6	24	-2.8	6	-	-	2.01	-	.56	16	13	8	0	0	0	0	0	2	3	5	0	-	-
	Everton ...	9 9	51	11.2	5.3	8.3	-	15.6	26,27	-2.2	7	-	-	2.47	-	.53	20	17	9	1	0	0	0	0	0	2	6	0	5.04	-
	Southampton ¶§	9 9	65	13.6	5.7	9.7	+0.2	19.4	27	0.0	7	9.4	8.6	2.54	118	.61	20	16	11	2	0	0	0	0	0	0	5	0	4.31	75
	Leckford ...	9 9	385	11.9	4.9	8.4	-	18.3	27	-0.6	6	7.6	-	2.72	121	.64	20	13	11	-	0	-	-	-	0	1	-	-	4.23	77
	Winchester ...	9 9	122	12.7	4.3	8.5	-	19.4	27	-3.3	6,7	-	-	2.78	124	.65	20	13	12	2	0	0	0	0	0	4	6	0	-	-
	Martyr Worthy	9 9	275	12.2	4.3	8.3	-	18.3	27	-1.7	7,8	-	-	2.52	-	.65	20	15	10	1	0	0	0	0	0	3	6	0	4.01	-
	Southsea ...	9 9	7	11.4	6.2	8.8	-0.8	16.1	24	1.1	6	9.1	8.3	2.37	129	.46	21	15	9	0	0	0	0	1	0	0	4		4.60	74
	Hayling Island ...	9 9	13	10.9	5.6	8.3	-	14.4	24	-0.5	6	-	-	2.10	-	.39	15,27	15	9	0	0	0	0	2	0	2	-	0	5.27	-
	Long Sutton ...	9 9	512	11.6	4.7	8.1	-0.3	18.3	26,27	-1.1	5,6	7.7	6.9	2.34	105	.41	16	17	12	2	0	0	0	2	0	2	7	0	-	-
	Alice Holt Lodge	9 9	378	11.9	4.3	8.1	-	18.9	27	-1.7	6	-	-	2.80	126	.48	20	18	11	1	0	0	0	1	0	3	8	0	4.29	- S
	S. Farnborough	21-9	226	12.6	4.7	8.7	-0.2	19.9	27	-3.7	6	-	-	3.00	149	.44	16	15	11	3	0	1	0	2	0	3	6	0	4.58	85
I. of Wight	St. Caterine's Pt.	9 9	51	9.8	5.7	7.7	-0.8	13.4	27	1.0	3	-	-	2.91	149	.44	16	14	13	2	-	0	0	1	1	0	-	1	-	-
	Ventnor Park ...	9 9	443	10.8	5.4	8.1	-1.1	14.4	24,26,27	0.6	3	9.1	8.1	3.17	148	.53	16	14	13	2	0	0	0	0	2	0	2	0	5.38	83
	Shanklin ...	9 9	180	11.3	5.8	8.5	-	16.1	27	0.0	6	-	-	3.03	-	.60	27	15	13	3	0	0	0	1	2	0	-	0	5.79	-
	Sandown ...	9 9	13	11.5	6.1	8.8	-0.5	15.6	24	0.6	6	-	-	2.81	143	.47	21	16	11	0	0	0	0	0	1	0	0	-	5.54	86
	Ryde ...	9 9	15	12.1	6.1	9.1	-0.4	16.1	24,26,27	0.6	6	-	-	2.53	132	.44	27	16	11	0	0	0	0	1	0	0	0	3	4.97	81
Wiltshire	Lacock ...	9 9	160	12.3	4.1	8.2	-	18.9	27	-3.3	6	-	-	2.22	-	.40	22	17	11	-	0	-	-	-	1	4	7	-	-	-
	West Lavington	9 9	305	12.2	4.3	8.3		18.9	27	-2.8	6	-	-	1.74	82	.38	22	14	10	2	0	0	0	0	1	4	-	0	-	-
	Lyneham ...	21-9	476	11.6	4.6	8.1	-	18.5	27	-0.8	6	-	-	2.09	102	.35	21	17	10	3	0	0	1	0	0	2	8	0	4.32	-
	Chiseldon ...	9 9	510	12.0	4.3	8.1	-	20.0	27	-2.2	6	-	-	2.88	-	.39	20	17	15	4	0	1	0	0	0	4	8	0	-	-
	Larkhill ...	9 9	431	12.1	4.3	8.2	-0.1	18.4	27	-1.9	6	-	-	1.74	90	.47	20	13	10	2	0	0	0		1	3	6	0	-	-
	Boscombe Down	21-9	414	12.1	4.6	8.3	-0.1	18.7	27	-1.2	6	-	-	1.56	80	.42	20	13	10	2	0	0	0	0	1	2	6	0	4.69	85
	Upavon ...	21-9	578	11.5	4.2	7.9	-	18.4	27	-1.0	6	-	-	2.44	-	.48	20	17	11	4	0	1	0	1	1	1	8	0	-	-
	Porton ... ¶§	9 9	364	12.4	4.2	8.3	0.0	19.4	27	-2.6	6	7.1	-	1.78	86	.46	20	14	8	2	0	0	1	0	1	4	8	0	4.42	78
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	11.1	5.5	8.3	-	16.1	18,27	-1.1	3	-	-	2.27	93	.36	19	23	15	-	0	-	-	-	3	1	6	-	4.21	-
	Carlisle ...	21-9	86	12.3	5.1	8.7	-	19.3	27	-3.6	5	-	-	2.12	-	.49	19	17	10	0	0	1	0	1	0	3	4	0	3.91	-
	Newton Rigg ¶§	9 9	560	10.9	4.6	7.8	+0.6	16.7	18,27	-2.2	5	6.8	-	2.25	109	.47	19	23	12	-	0	-	-	-	0	2	7	-	4.04	87
	Spadeadam ...	9 9	900	9.8	3.1	6.5	-	16.7	27	-3.9	5	5.7	4.9	3.90	-	.70	19	22	16	2	0	3	1	0	5	4	10	0	2.77	-
Westmorland	Ambleside ...	9 9	151	11.7	4.9	8.3	-	18.3	27	-1.1	5	-	-	4.09	102	.66	27	23	20	0	0	0	0	1	1	1	-	0	3.02	68

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	4.2	0.5	2.3	-	11.7	27	-4.5	4	-	-	-	-	-	-	-	-	-	7	-	-	-	22	9	-	-	1.64	-
—cont.	Moor House ...	9 9	1825	7.3	1.7	4.5	-	15.0	27	-4.4	5	4.0	-	4.70	-	.63	28	24	20	-	2	-	-	-	5	8	15	-	2.19	-
Lancashire	Squires Gate ...	21-9	33	12.0	5.4	8.7	+0.7	18.5	18	-3.3	7	-	-	1.99	108	.40	19	20	12	0	0	0	0	0	0	2	7	0	4.77	84
	Urswick	9 9	130	11.8	4.4	8.1	-	17.2	18	-3.3	5	-	-	2.56	-	.52	19	21	14	0	0	1	0	1	1	5	-	0	-	-
	Southport ...	9 9	16		4.9					-2.8	7	8.7	7.6	2.65	-	.49	19	19	13	-	0	-	-	-	1	4	6	-	4.95	-
	Poulton-le-Fylde	9 9	38	11.8	5.5	8.7	-	17.8	18,27	-1.7	7	-	-	1.98	-	.39	19	18	14	0	0	0	0	0	1	2	-	0	-	-
	Grizedale ...	9 9	300	11.4	2.4	6.9	-	16.7	18,19,27	-4.4	5	6.8	-	4.43	-	.68	10	25	19	0	0	0	0	0	0	7	13	0	-	-
	Speke	21-9	80	12.7	5.9	9.3	-	18.8	27	-0.2	2,3	-	-	2.30	135	.50	19	18	5	0	0	0	0	0	0	2	6	0	4.37	-
	Kirkham ...	9 9	78	12.4	5.1	8.7	-	18.3	18,27	-2.2	7	-	-	2.33	114	.49	19	17	14	1	0	0	0	0	0	4	8	0	5.01	-
	Garstang ...	9 9	68	11.7	5.2	8.5	-	17.8	27	-1.7	5	-	-	2.23	-	.47	19	20	15	-	0	-	-	-	0	2	8	-	4.16	-
	Morecambe ...	9 9	24	11.4	6.2	8.8	+0.5	18.9	27	2.2	2,3	-	-	2.64	128	.49	19			0	0	0	0	0	0	0	-	0	4.05	73
	Preston	9 9	108	12.2	5.4	8.8	-	18.9	27	-1.1	5	-	-	2.72	123	.41	19	21	13	0	0	1	0	0	0	3	10	0	-	-
	Stonyhurst ¶§	9 9	377	11.4	4.9	8.1	+0.4	17.8	27	-0.6	2,3,5	-	-	3.39	126	.79	11	20	16	-	0	-	-	-	0	3	-	-	3.24	68
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.35	-
	Helmshore ...	9 9	854	10.4	4.1	7.3	-	17.8	27	-1.1	2,3	6.4	-	3.63	98	.58	21	19	17	-	-	-	-	-	2	2	8	-	3.13	-
	Burnley	9 9	655	10.9	4.6	7.7	-	18.3	27	-1.7	5	6.5	5.4	3.50	-	.62	22	21	17	0	0	0	0	0	0	3	11	0	3.09	-
	Nelson	9 9	540	10.9	5.0	7.9	-	17.8	27	-1.1	5	7.0	5.8	2.79	104	.40	11,19	19	11	-	0	-	-	-	0	3	8	-	3.07	- S
	Rochdale ...	9 9	362	11.8	4.3	8.1	-	18.9	27	-2.2	11	-	-	3.08	-	.42	22,28	19	17	0	0	0	0	0	0	4	7	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	11.7	5.9	8.8	+0.5	17.8	27	0.6	3	-	-	1.87	111	.25	22	17	13	-	-	-	-	-	0	0	3	-	4.82	92
	Winnington ...	9 9	65	13.2	6.0	9.6	-	20.0	27	-0.6	2	-	-	2.45	131	.72	19	19	14	0	0	0	1	1	1	2	9	0	-	-
	Knutsford ...	9 9	212	12.8	5.2	9.0	-	19.4	27	-0.6	2	7.6	6.7	2.36	-	.45	19	18	15	-	0	-	-	-	1	1	7	-	-	-
	Ringway ¶§	21-9	248	12.1	5.5	8.8	+0.7	19.4	27	-1.2	2	-	-	2.04	108	.37	19	18	15	0	0	0	0	0	1	1	5	0	3.78	82
	Macclesfield ...	9 9	500	11.8	5.0	8.4	+0.5	19.4	27	-0.6	2	-	-	3.57	147	.41	22	19	17	1	0	0	0	0	1	1	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	12.1	6.1	9.1	+0.5	18.1	27	-0.6	7	-	-	1.53	97	.35	28	17	12	0	0	1	0	0	0	1	2	0	4.34	80
	Prestatyn ...	9 9	12	12.2	6.2	9.2	-	19.4	27	0.0	5,7	-	-	1.60	95	.27	24	19	13	0	0	1	0	0	0	0	-	0	3.44	67
	Hawarden Bridge	9 9	17	13.2	5.5	9.3	+0.4	18.9	27	-1.7	7	-	-	1.41	80	.30	21	16	12	0	0	0	1	0	0	1	-	0	-	-
Anglesey	Valley	21-9	33	11.7	6.1	8.9	+0.4	19.0	18	0.1	5	-	-	1.77	94	.29	27	15	9	0	0	0	0	0	0	0	4	2	5.20	88
Denbigh	Colwyn Bay ...	9 9	118	12.1	6.6	9.3	+0.6	18.9	27	0.6	5	8.4	-	1.35	78	.58	28	15	6	0	0	0	0	0	0	0	-	0	4.94	89
	Alwen	9 9	1100	9.9	2.4	6.1	-	17.8	27	-6.7	7	-	-	2.32	-	.30	20	20	15	-	-	-	-	-	-	9	13	-	-	-
	Ruthin	9 9	248	11.3	4.8	8.1	-	18.9	27	-1.7	6	-	-	1.04	-	.23	21	16	9	-	0	-	-	-	0	3	-	-	3.99	-
	Loggerheads ...	9 9	690	11.3	4.1	7.7	-	18.3	27	-2.8	7	6.3	6.5	1.59	-	.34	21	18	11	0	0	0	0	0	3	5	8	0	-	-
	Bwlchgwyn ...	9 9	1267	9.6	2.9	6.3	-	16.7	27	-3.3	2,3	5.5	-	2.27	-	.44	20	19	13	1	0	1	0	0	0	7	-	0	-	-
	Wrexham ...	9 9	275	12.8	4.9	8.9	-	19.4	27	-1.7	7	7.4	6.6	1.63	-	.43	21	17	11	0	0	0	0	0	0	3	11	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	10.4	6.4	8.4	-	13.2	18	1.9	3	-	-	2.09	-	.31	16	13	12	-	0	-	-	-	0	0	5	-	-	-
	Botwnnog ...	9 9	112	11.8	5.7	8.7	-	16.1	18,27	0.0	7	9.3	8.2	2.27	-	.42	27	19	11	0	0	0	0	0	0	0	5	0	5.43	-
	Bryn Adda ...	9 9	275	12.2	5.7	8.9	-	17.8	27	0.6	5,7	-	-	2.44	-	.61	28	18	13	0	0	1	1	0	0	0	8	0	4.56	-
	Cwm Dyli ...	9 9	324	11.6	5.6	8.6	-	17.8	27	0.0	7	7.7	-	6.77	-	1.26	27	22	19	-	-	-	-	-	1	1	4	-	-	-
	Aber	9 9	60	12.3	6.5	9.4	+0.6	17.8	18	1.1	7	-	-	2.18	94	.58	28	21	13	0	0	1	0	0	0	0	6	0	4.52	85
	Llandudno ¶§	9 9	13																											
Merioneth	Llyn Stwlan ...	9 9	1656	6.6	2.3	4.5	-	13.9	27	-1.7	3	-	-	3.52	-	.76	12	23	16	-	0	-	-	-	-	7	8	-	-	-
	Blaenau Ffestiniog	9 9	750	10.7	4.3	7.5	-	17.8	27,28	-0.6	3	-	-	3.91	-	.54	20	23	15	2	0	0	0	0	3	4	-	0	-	-
	Corwen	9 9	473	8.7	4.1	6.4	-	13.3	26,27	-2.2	5	-	-	2.31	-	.47	21	16	13	0	0	0	0	0	-	6	8	0	-	-
Montgomery	Ceinws	9 9	200	12.6	4.5	8.5	-	19.4	27	-2.2	5,6	-	-	4.38	-	.85	21	21	14	-	-	-	-	-	0	4	7	-	-	-
	Lake Vyrnwy ...	9 9	995	10.3	3.6	6.9	-	17.8	27	-2.2	6,7	6.3	-	3.91	97	.73	21	22	17	2	0	0	0	0	0	4	9	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	11.0	5.7	8.3	+0.1	16.8	27	1.3	7	-	-	2.09	88	.54	16	18	9	0	0	0	0	0	0	0	4	0	4.38	-
	Aberystwyth ...	9 9	12	12.2	5.5	8.9	+0.3	19.4	28	1.1	4	-	-	1.45	-	.42	21	10	10	-	0	-	-	-	0	0	-	-	5.35	100
	" P.B.S.*	9 9	452	11.2	4.8	8.0	0.0	17.8	27	-0.6	2,3	-	-	1.75	75	.47	21	17	12	0	0	0	0	0	1	2	9	0	4.18	79
	Gogerddan ...	9 9	103	11.9	5.0	8.5	-	18.9	27	-1.7	3	-	-	1.50	65	.42	21	18	10	0	0	0	0	0	0	4	9	0	4.27	-
	Swyddffynnon ...	9 9	540	11.3	4.5	7.9	-	18.3	27	-2.2	6	-	-	1.77	-	.37	21	17	12	-	0	-	-	-	0	3	10	-	4.18	-
	Trawscoed ...	9 9	200	12.1	5.2	8.7	-	18.9	27	-2.8	6	6.7	-	2.08	73	.80	21	13	11	0	0	0	0	0	0	4	9	0	3.86	-
	Llety-evan-hen ...	9 9	950	10.1	4.3	7.2	-	17.2	27	-1.7	3	-	-	2.17	-	.53	21	13	12	0	0	0	0	0	2	3	10	0	3.17	65
	Cwmystwyth ...	9 9	989	10.3	2.8	6.5	-	17.2	27	-3.3	1	-	-	3.00	-	.88	21	15	12	0	0	0	0	0	-	6	9	0	-	-
Pembroke	Dale Fort ...	9 9	109	11.2	6.0	8.6	-	14.4	24	1.1	2,3	9.1	-	1.88	-	.46	27	11	9	0	0	0	0	0	2	0	2	0	5.76	-
	Brawdy	9 9	360	10.4	5.4	7.9	-	13.9	27	0.0	2	-	-	2.41	-	.53	27	13	10	0	0	0	0	0	2	0	3	0	5.06	-
	Haverfordwest ...	9 9	131	11.7	5.2	8.5	-0.1	15.0	24	-1.1	7	-	-	2.30	95	.62	24,26	12	9	0	0	0	0	0	2	2	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	12.4	4.9	8.7	-	18.9	27	-1.7	6	9.0	7.9	2.54	-	.71	27	16	13	0	0	0	0	0	0	5	10	0	4.60	-
Radnor	Llandrindod Wells ¶§	9 9	772	11.9	4.0	7.9	+0.1	18.3	27	-2.8	7	6.9	-	2.54	96	.61	22	20	14	0	0	0	0	0	1	7	-	0	3.45	69
Brecknock	Llwynon ...	9 9	860	10.7	3.6	7.1	-	17.2	27	-2.2	6,7	-	-	4.82	-	.72	15	22	18	0	0	0	0	0	0	4	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117									-	-	-	-	-	-	-	-	0	0	0	0	0	0			1	-	-
	Swansea ...	9 9	27	12.1	6.1	9.1	-0.4	16.7	24,27	1.1	7	10.0	9.7	2.33	97	.70	27	14	8	0	0	0	0	0	0	0	-	0	-	-
	Port Talbot ...	9 9	24	12.8	5.9	9.3	-	20.0	27	-1.1	7	-	-	2.07	-	.70	15	15	7	0	0	0	0	0	0	1	6	-	4.03	-
	Neath	9 9	202	12.3	6.0	9.1	-	18.9	27	0.6	7	-	-	2.84	-	.75	27	15	9	0	0	1	0	1	1	0	5	0	-	-
	Rhoose	21-9	220	11.3	5.1	8.2	-	17.0	27	-1.5	7	-	-	1.69	75	.60	27	14	7	0	0	0	0	0	1	2	5	0	4.95	-
	Cardiff ... ¶§	9 9	202	12.6	4.8	8.7	-0.4	19.4	27	0.6	7	8.3	7.8	2.56	100	.59	15	18	10	0	-	0	0	0	1	0	-	-	4.99	88
Monmouth	Tredegar ...	9 9	1028	10.4	3.5	6.9	-	17.2	27	-2.2	7	-	-	4.64	-	1.06	15	20	16	2	0	1	0	0	2	6	13	0	3.72	- S
	Newport ...	9 9	75	12.4	4.8	8.6	-0.6	20.6	26	0.0	7,11	-	-	2.04	82	.46	15	16	7	0	0	0	0	0	0	2	10	0	4.20	-
	Usk	9 9	70	12.9	4.2	8.5	-	19.4	27	-2.8	7,11	8.6	-	2.55	100	.61	20	20	12	0	0	0	0	0	0	4	10	0	3.97	-
	Crumbland Plantation	9 9	804	10.8	4.0	7.4	-	18.9	27	-0.6	2,4,5	7.1	6.6	2.91	-	.74	20	23	14	2	1	0	0	0	2	4	9	0	3.66	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	9.6	3.8	6.7	-	16.1	27	-2.2	1	-	-	3.44	-	.57	27	18	14	-	-	-	-	-	-	3	-	-	-	-
	Cannington ...	9 9	95	12.5	5.4	8.9	-	18.3	26,27	1.1	11	8.4	-	1.83	94	.50	20	15	8	-	-	-	-	-	0	0	9	-	4.69	81
	Weston-s.-Mare	9 9	28	12.2	5.9	9.1	-0.2	18.9	27	-1.1	7	-	-	1.71	84	.55	20	12	7	0	0	0	0	0	0	1	-	0	5.25	93
	Long Ashton ¶§	9 9	162	12.4	5.3	8.9	+0.3	20.0	27	-1.1	7	8.3	-	1.77	79	.34	20	19	11	4	0	0	0	0	0	2	9	0	4.95	92
	Wincanton ...	9 9	375	11.8	4.7	8.3	-	18.3	27	-2.2	7	-	-	2.41	-	.50	20	17	12	2	0	1	0	0	0	2	11	0	-	-
	Bath City Boys' School	9 9	388	11.9	5.2	8.5	-	18.9	27	-1.1	8	8.2	-	2.46	-	.59	22	15	10	2	0	0	1	0	1	1	-	0	4.48	-
Dorset	Lyme Regis ...	9 9	200	11.4	5.1	8.3	-	16.1	30	0.6	4	-	-	2.37	-	.53	20	19	11	4	0	1	0	0	0	0	4	0	4.34	- S
	Portland Bill ...	21-9	35	10.2	6.1	8.1	-0.6	15.0	17	1.3	4	-	-	1.49	95	.29	20	14	8	2	0	0	0	0	0	0	-	3	-	-
	Weymouth ...	9 9	16	12.5	5.8	9.1	-0.3	18.3	24	1.1	3,4,6	-	-	1.41	78	.34	20	15	8	-	0	-	-	-	0	0	-	-	5.22	83
	Winfrith ...	9 9	85	11.9	5.0	8.5	-	16.7	24	-1.7	6	-	-	1.73	-	.46	27	14	8	-	0	-	-	-	0	4	7	-	-	-
	Shaftesbury ...	9 9	680	11.1	4.5	7.8	-0.3	17.2	27	-1.1	7	-	-	1.73	81	.38	20	15	10	-	0	-	-	-	1	-	-	-	-	-
	Swanage ...	9 9	37	11.6	5.8	8.7	-	15.6	24	0.6	7	-	8.5	2.18	-	.60	16	14	9	1	-	0	0	0	0	0	2	2	5.16	83
	Poole	9 9	18	12.3	5.0	8.7	-	16.7	24	-1.7	6	-	-	1.83	-	.42	16	16	10	0	0	0	0	0	0	2	-	0	4.48	74

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER April 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 32° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b ENGLAND, S.W.—cont.																														
Devon	Clawton	9 9	412	11.7	2.1	6.9	-	17.2	26	-4.4	7	-	-	2.85	-	.54	21	20	16	1	0	0	0	0	4	7	-	2	-	-
	Hartland Point ...	21-9	298	10.5	6.3	8.4	-	16.5	26	1.5	3	-	-	1.84	-	.46	15	17	12	0	0	0	0	0	1	0	1	3	5.85	97
	Mount Batten ...	21-9	87	11.3	6.2	8.7	-0.5	16.2	26	0.9	7	-	-	2.15	98	.40	27	16	9	0	0	0	1	0	1	0	5	0	4.39	72
	Plymouth, The Hoe	9 9	119	11.9	6.4	9.1	-0.6	17.2	26	1.1	7	9.3	8.8	2.19	100	.41	27	15	9	0	0	0	0	0	1	0	6	0	4.00	66
	Tavistock ...	9 9	457	11.7	5.1	8.4	-0.4	17.2	26	-0.6	11	-	8.1	3.97	-	.65	15	18	14	2	0	0	0	0	1	2	7	0	-	-
	Chivenor ...	21-9	20	12.8	6.1	9.5	-	19.6	26	-0.4	7	-	-	1.36	-	.24	16	15	8	0	0	0	0	0	2	1	6	0	4.96	-
	Ilfracombe ...	9 9	25	11.9	7.2	9.5	+0.2	18.9	27	2.8	7	9.8	9.6	2.16	94	.49	27	12	10	0	0	0	0	0	0	0	-	1	5.69	95
	Totnes	9 9	120	12.6	4.9	8.7	-	18.9	26	-2.8	7	8.8	8.2	2.57	87	.52	27	18	13	2	0	0	1	0	0	4	7	0	3.89	-
	Slapton	9 9	104	11.7	5.6	8.7	-	15.0	24	1.7	4,11	-	-	2.16	-	.44	20	19	13	1	0	0	0	0	2	0	1	0	-	-
	Newton Abbot ...	9 9	272	12.2	4.8	8.5	-0.5	18.3	26	0.0	11	-	-	2.40	96	.40	21	16	11	2	0	1	0	0	0	1	5	0	4.42	75
	Paignton ...	9 9	8	12.4	5.7	9.1	-	16.7	24,26	0.6	7	-	-	1.80	72	.32	20	16	12	2	0	2	0	0	0	0	0	0	4.88	81
	Torquay ...	9 9	26	12.1	6.0	9.1	-0.3	16.1	27	1.1	11	-	8.9	1.73	77	.36	21	15	8	1	0	0	0	0	1	0	2	1	4.72	75
	Teignmouth ¶§	9 9	20	11.6	5.7	8.7	-0.8	15.6	27,29,30	-1.1	7	-	-	1.79	84	.40	20	18	6	1	0	0	0	0	0	1	5	0	4.39	71
	Starcross ...	9 9	29	12.1	5.2	8.7	-	16.1	24,27	0.0	7	8.8	-	1.90	84	.40	20	14	9	-	0	-	-	-	0	-	4	-	4.60	-
	Exeter, Southam	9 9	160	12.4	4.8	8.6	-	17.2	26	0.0	9	-	-	1.96	-	.32	15,20	11	10	0	-	0	0	0	-	-	-	0	-	-
	Exmouth ...	9 9	195	11.7	5.4	8.5	-0.2	16.7	24	0.6	7	-	-	1.35	61	.36	20	15	8	2	0	0	0	0	0	0	-	0	4.42	74
	Exeter	21-9	106	12.4	5.7	9.1	-	18.0	24	-0.6	7	-	-	1.75	82	.25	19	18	10	2	0	0	0	0	2	1	8	0	3.53	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	11.8	7.2	9.5	-0.2	14.3	28	3.4	2	-	-	2.46	117	.30	15	16	12	0	0	0	0	0	2	0	-	5	5.14	80
	Penzance ...	9 9	62	11.9	6.3	8.1	-1.8	14.4	19,29	1.1	7	-	-	3.16	123	.58	15	19	16	0	0	0	0	0	1	0	5	1	4.90	79
	Gulval	9 9	50	11.5	6.2	8.9	-0.7	13.3	14,23,30	1.7	7	-	-	2.83	119	.57	15	22	13	0	0	0	0	0	1	0	5	0	4.22	69
	Culdrose ...	9 9	268	11.1	5.8	8.5	-	15.0	26	1.1	7	-	-	2.07	-	.42	15	15	12	0	0	0	0	0	2	0	5	0	4.87	-
	Rosewarne ...	9 9	250	11.3	6.0	8.7	-	15.6	26	1.1	7	8.9	8.7	3.20	137	.56	15	20	15	1	0	0	0	0	0	0	7	1	4.72	-
	Lizard	9 9	240	11.0	6.3	8.7	-0.6	14.1	26	2.1	2	-	-	2.22	110	.35	20	18	13	0	-	0	0	0	-	0	-	1	5.19	-
	Falmouth ¶§	9 9	167	11.4	5.9	8.7	-0.8	14.4	19,23,30	2.2	2,3,7	-	-	2.50	96	.49	15	17	12	0	0	0	0	0	1	0	-	1	4.27	69
	Newquay ...	9 9	176	11.6	6.0	8.8	-0.3	16.1	26,27	0.0	7	-	-	2.26	116	.40	15	19	12	0	-	0	0	0	-	1	-	0	4.91	81
	St. Mawgan ...	21-9	337	11.1	5.6	8.3	-	15.2	26	0.1	7	-	-	2.46	-	.37	15	19	13	0	0	0	0	0	2	0	3	0	4.88	-
	St. Austell ...	9 9	310	11.6	5.8	8.7	-	15.0	24	1.1	8	-	-	2.79	95	.47	21	18	15	0	0	0	0	0	1	0	-	0	-	-
	Fowey	9 9	51	11.9	6.2	9.1	-0.5	15.6	19,20	1.1	7,8	-	-	2.07	-	.39	27	16	11	0	0	0	0	0	1	0	-	0	-	-
	Bude	9 9	50	11.7	5.7	8.7	-0.3	17.8	26	-1.7	7	7.8	-	1.79	92	.27	21,27	19	14	-	0	-	-	-	-	2	-	-	4.65	77
	Ellbridge ...	9 9	190	11.8	5.4	8.6	-0.5	16.1	26	-0.6	8	-	-	2.79	117	.45	27	18	15	0	0	0	0	0	1	1	5	0	3.69	61
9 NORTHERN IRELAND																														
Londonderry	Loughermore Forest	9 9	570	11.6	3.6	7.6	-	16.1	25	-3.3	2	-	-	2.66	-	.38	16	20	18	0	0	0	0	0	0	3	12	0	-	-
	Ballykelly ¶§	21-9	6	12.6	5.3	8.9	+0.7	17.6	25	-2.0	2	-	-	2.19	91	.39	22	18	16	0	0	1	0	0	0	4	8	0	5.14	98
	Derrynoyd Forest	9 9	290	12.1	4.3	8.2	-	16.1	25,26	-1.7	2	-	-	3.00	-	.77	16	18	15	0	0	1	0	0	0	2	8	0	-	-
	Somerset Forest	9 9	140	12.3	4.6	8.5	-	16.1	18	-2.2	2	-	-	2.24	-	.34	19	18	15	0	0	0	0	0	0	1	14	0	-	-
	Garvagh Forest	9 9	290	12.5	4.2	8.3	-	16.7	26	-1.7	2	-	-	2.68	-	.42	13	18	14	0	0	1	0	0	0	2	14	0	-	-
	Moneydig ¶	21-9	112	12.6	4.5	8.5	+0.1	16.1	26	-2.9	2	8.3	-	2.15	81	.31	13	20	15	0	0	1	0	0	0	2	12	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	2.15	-	.37	19	20	15	-	-	-	-	-	-	-	-	-	5.19	-
	Lisnafillan ...	9 9	124	12.0	4.2	8.1	-	15.5	18,26,28	-3.3	5	-	-	1.79	-	.20	5	20	13	0	0	0	0	0	0	4	7	0	4.59	-
	Aldergrove ¶§	21-9	225	12.1	4.6	8.3	+0.4	15.8	26	-1.5	5	7.9	7.1	1.44	-	.20	20	17	13	0	0	1	0	0	0	2	9	0	4.26	86
	Greenmount ...	9 9	105	12.2	4.8	8.5	-	15.6	25,26,28	-2.2	5	8.1	-	1.40	-	.24	20	16	13	0	0	0	0	0	-	3	8	-	-	-
	Black Mountain	21-9	969	9.9	3.3	6.6	-	14.2	18	-0.8	5	-	-	2.23	-	.35	20	19	17	-	-	-	-	-	2	2	-	0	-	-
	Ballypatrick Forest	9 9	500	10.9	4.2	7.5	-	16.1	26	-1.7	2	-	-	2.59	-	.49	19	20	15	0	0	1	0	0	1	2	5	0	-	-
	Larne	9 9	140	12.1	5.1	8.6	-	15.6	26	0.6	5,7	-	-	3.13	-	.76	16	20	18	0	0	1	0	0	0	0	-	0	-	-
	Kilroot	9 9	71	11.6	5.3	8.5	-	15.6	28	0.6	7	-	-	1.75	-	.22	20	18	15	0	0	0	0	0	2	0	7	0	-	-
Down	Newry Abbey ...	9 9	32	12.5	4.9	8.7	-	16.1	25	-1.7	5	-	-	2.22	-	.42	16	15	15	0	0	0	0	1	1	2	-	0	-	-
	Hillsborough §	9 9	379	11.1	4.7	7.9	+0.3	15.0	26	-0.6	2,3,5	7.4	-	1.52	69	.32	20	14	12	0	0	0	0	0	0	3	7	0	3.68	76
	Kilkeel	21-9	58	10.9	5.6	8.3	-	15.1	28	1.0	5	-	-	2.46	-	.35	24	21	14	0	0	0	0	0	1	0	5	0	4.47	-
	Tollymore Park	9 9	249	12.2	5.4	8.8	-	15.6	26,28	-2.2	3	-	-	2.74	-	.69	15	15	14	0	0	1	0	0	0	2	6	0	-	-
	Stormont Castle	9 9	185	12.1	4.8	8.5	-	16.1	28	0.6	3	8.3	7.3	1.66	-	.40	20	18	12	0	0	1	0	0	1	0	13	-	4.18	-
	Crossgar ...	9 9	119	12.1	5.4	8.7	-	15.6	26	-0.6	3	-	-	1.97	-	.39	20	18	11	0	0	0	1	0	0	2	7	0	-	-
	Creighton's Green	9 9	391	11.1	4.8	7.9	-	14.4	26,28	1.1	3,5	-	-	1.99	-	.39	20	18	13	0	0	0	0	0	1	0	6	3	-	-
	Helen's Bay ...	9 9	140	11.9	5.5	8.7		15.0	8,26,28	2.2	1,5	-	-	1.62	-	.29	20	19	12	0	0	0	0	0	1	0	5	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	10.6	5.4	8.0	-	15.0	28,29	-0.5	5	-	-	2.35	-	.50	21	18	13	0	0	0	0	0	1	1	3	0	-	-
	Ballyhalbert ...	9 9	10	10.9	5.5	8.2	-	15.9	28,29	1.7	5	-	-	2.12	-	.60	21	16	12	-	-	-	-	-	-	0	3	0	4.21	-
Armagh	Armagh ¶§	9 9	202	12.8	5.0	8.9	+0.6	16.7	25	-0.6	5	9.1	8.1	2.07	100	.38	16	17	11	0	0	0	0	0	0	1	5	0	4.04	84
	Loughgall ...	9 9	92	12.5	4.6	8.5	-	16.1	25	-2.8	5	-	-	2.09	-	.57	16	18	12	0	0	0	1	0	0	3	12	0	4.09	-
	Glenanne ...	21-9	438	11.6	4.6	8.1	-	16.6	25	0.5	3,5	-	-	2.31	-	.55	16	21	14	0	0	0	0	0	1	0	7	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	2.15	91	.37	16	17	13	-	-	-	-	-	-	-	-	-	3.70	76
Tyrone	Lough Bradan ...	9 9	554	11.4	4.3	7.9	-	15.6	25	-0.6	2	-	-	3.53	-	.40	16	26	19	-	-	-	-	-	0	1	13	0	4.27	-
	Baronscourt Forest	9 9	290	12.4	3.9	8.1	-	16.7	19	-3.9	5	-	-	2.39	-	.49	16	21	16	0	0	0	0	0	0	3	10	0	-	-
	Carrigans ...	21-9	371	12.0	4.4	8.2	-	15.3	25,26	-1.5	5	-	-	2.71	-	.50	13	21	15	0	0	1	0	0	0	3	12	0	-	-
	Lislap Forest ...	9 9	685	11.3	3.4	7.3	-	14.4	18,26	-1.7	2,5	7.6	-	2.66	-	.53	16	21	17	0	0	0	0	0	0	4	11	0	-	-
	Knockmany Forest	9 9	239	11.8	4.1	7.9	-	16.9	25	-1.7	7	-	-	2.64	-	.48	16	22	16	0	0	0	0	0	0	2	11	0	-	-
	Pomeroy Forest	9 9	540	11.6	4.0	7.8	-	16.1	26	-1.1	5	7.5	-	2.71	-	.59	16	20	16	0	0	0	0	0	0	3	10	0	-	-
	Cookstown ...	9 9	253	11.6	4.6	8.1	-	16.1	25	0.0	7	7.9	-	2.51	-	.62	16	19	15	-	-	-	-	-	-	0	9	-	-	-
Fermanagh	Roscor	9 9	470	11.7	4.3	8.0	-	16.1	26	0.0	1,2,4	-	-	2.98	105	.45	19	25	17	-	-	-	-	-	0	3	8	0	-	-
	Lough Navar Forest	9 9	485	11.6	4.4	8.0	-	16.1	25	0.0	5	-	-	2.90	-	.51	16	22	16	0	0	0	0	0	0	1	10	0	-	-
	Ely Lodge ...	21-9	210	12.0	5.1	8.5	-	16.3	25	-0.7	5	8.3	7.3	2.42	-	.29	16	23	17	0	0	0	0	2	0	1	12	0	3.46	-
	Castle Archdale Forest ¶§	9 9	215	11.9	4.3	8.1	0.0	16.1	25	-2.8	5	8.2	-	2.41	-	.40	13	22	16	0	0	0	0	0	0	3	12	0	4.18	88
	Pubble Forest ...	9 9	290	11.7	3.9	7.8	-	16.1	18,25	-2.2	2	-	-	2.79	-	.46	20	22	17	0	0	0	0	0	0	3	9	0	-	-
CHANNEL ISLES																														
Guernsey	States Airport ...	21-9	340	11.0	6.3	8.7	-0.4	17.0	26	1.8	4	9.1	8.4	2.52	120	.68	27	16	9	1	0	0	1	0	1	0	5	0	5.54	-
Alderney	States Airport ...	9 9	288	10.3	6.2	8.3	-	15.0	26	2.2	3,4,5	8.6	-	3.04	-	.75	16	15	10	0	0	0	0	0	1	0	-	0	5.55	-
Jersey	Jersey Airport ...	9 9	273	11.4	6.3	8.9	-	18.3	27	2.4	4	-	-	2.66	127	.54	20	12	11	1	-	0	0	0	0	0	4	0	5.86	-
	St. Helier ...	9 9	28	12.1	6.9	9.5	-0.6	18.3	27	2.8	4	-	-	2.97	154	.69	16	11	10	0	-	0	0	0	0	0	-	0	6.03	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.88	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. S *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

Table IV—Summary of Observations at Fixed Hours April 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force 8 or more	6, 7	4, 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																		Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0								
0 SCOTLAND, N.																																						
Zetland — Lerwick Observatory H	3	273	1009.0	-	5.2	0.6	8.0	90	6.3	0	3	7	4	13	3	0	3	0	0	1	2	6	6	8	4	0	4	6	19	1	4	2	4	1	6	5	4	3
	9	273	1009.0	-1.3	6.6	1.0	8.3	85	6.4	0	2	5	11	10	2	0	2	0	1	0	2	5	5	10	5	0	5	13	11	1	3	4	3	2	4	6	5	2
	15	273	1009.1	-	7.6	1.5	8.2	79	6.1	0	1	9	10	10	0	0	0	0	0	2	1	6	1	11	9	0	5	18	6	1	0	5	3	1	4	8	3	5
	21	273	1009.1	-	5.6	0.7	8.2	90	6.2	0	4	4	9	12	1	0	0	1	2	0	1	7	8	7	4	0	6	12	11	1	4	4	3	0	7	6	4	1
Orkney — Kirkwall ... H	3	86	1009.2	-	5.4	0.5	8.3	92	6.2	0	3	6	8	12	1	0	0	1	1	0	0	6	4	13	5	0	2	14	11	3	3	3	2	5	6	2	5	1
	9	86	1009.2	-	7.5	1.0	8.9	86	6.5	0	3	3	16	7	1	0	0	1	0	1	1	4	3	10	10	0	1	18	10	1	4	2	4	1	4	1	11	2
	15	86	1009.7	-	8.9	1.9	8.6	75	6.4	0	1	6	14	9	0	0	0	0	0	0	0	5	1	3	11	0	2	19	9	0	4	3	4	0	6	4	8	1
	21	86	1009.4	-	6.3	0.6	8.7	90	6.4	0	3	3	13	10	1	0	0	0	1	0	3	5	4	11	6	0	3	9	17	1	2	2	3	4	5	3	7	3
Caithness — Wick ... H	3	121	1009.0	-	4.9	0.5	8.0	91	5.9	0	5	3	10	9	3	0	2	1	0	0	3	5	2	11	6	0	1	15	10	4	1	4	1	3	7	4	2	4
	9	121	1009.2	-1.6	7.6	1.2	8.7	83	6.0	0	3	6	14	5	2	0	0	2	0	0	3	2	4	3	16	0	2	19	8	1	2	4	3	2	5	1	9	3
	15	121	1009.2	-	9.0	2.3	8.1	71	6.7	0	1	2	20	6	1	0	0	1	0	0	1	4	7	9	8	0	2	18	10	0	3	4	5	2	8	0	6	2
	21	121	1009.4	-	6.3	0.9	8.2	85	6.3	0	2	5	13	9	1	0	0	0	1	1	2	4	4	10	8	0	1	11	16	2	2	3	2	3	8	5	3	2
Sutherland — Cape Wrath ...	3	371	1007.9	-	6.1	0.5	8.7	91	6.3	0	5	1	10	12	2	0	2	0	0	0	1	2	2	2	21	0	5	7	17	1	1	4	4	3	4	7	4	2
	9	371	1008.0	-	6.9	0.8	8.8	89	6.6	0	1	5	9	12	3	0	2	1	0	1	1	3	1	0	21	0	8	7	14	1	2	1	9	1	2	9	4	1
	15	371	1008.2	-	7.5	0.8	9.2	88	6.5	0	2	3	16	6	3	0	2	0	1	0	1	3	0	5	18	1	5	13	8	3	1	2	7	0	2	9	6	0
	21	371	1008.1	-	6.6	0.6	8.9	91	6.5	0	1	6	8	14	1	0	1	0	0	0	2	3	1	4	19	1	6	8	14	1	2	3	5	2	3	9	5	0
Ross & Cromarty — Stornoway H	3	16	1008.9	-	5.9	0.4	8.8	94	4.4	6	6	3	7	8	0	0	0	0	0	0	0	5	8	14	3	0	3	8	16	3	2	7	2	1	5	7	2	1
	9	16	1009.3	-1.6	8.0	0.9	9.3	86	6.3	0	3	5	13	9	0	0	0	0	0	0	0	4	5	11	10	0	2	21	7	2	1	7	3	2	6	5	4	0
	15	16	1009.3	-	9.1	1.3	9.6	83	6.1	0	4	5	13	8	0	0	0	0	0	0	0	1	7	9	13	0	2	16	12	0	0	8	3	1	9	4	4	1
	21	16	1009.2	-	6.6	0.5	9.1	93	5.1	0	8	6	7	9	0	0	0	0	0	0	1	5	5	13	6	0	0	14	15	1	2	7	1	1	7	6	1	4
Inverness — Benbecula H	3	21	1008.7	-	6.2	0.6	8.7	91	4.6	1	9	5	9	6	0	0	0	0	0	0	1	4	5	12	8	0	7	11	9	3	1	7	3	3	3	4	5	1
	9	21	1009.1	-	8.2	1.1	9.2	84	5.7	0	5	5	13	7	0	0	0	0	0	0	0	4	9	7	10	0	7	21	2	0	3	5	4	1	7	2	6	2
	15	21	1009.0	-	9.7	1.7	9.4	78	5.8	0	4	6	15	5	0	0	0	0	0	0	1	3	4	11	11	0	7	21	2	0	0	7	2	3	9	5	3	1
	21	21	1009.0	-	7.0	0.8	8.9	88	4.9	1	8	4	9	8	0	0	0	0	0	0	1	1	11	7	10	0	6	18	6	0	3	5	2	4	6	4	3	3
1 SCOTLAND, E.																																						
Moray — Kinloss ... H	3	19	1009.5	-	6.0	0.9	8.2	87	5.4	1	6	5	6	11	1	0	2	0	0	0	2	2	6	6	12	0	0	14	15	1	2	2	4	1	8	10	2	0
	9	19	1009.8	-	8.3	1.4	8.9	81	6.4	0	3	5	11	11	0	0	0	0	0	1	0	5	3	9	12	0	5	10	14	1	3	3	3	1	1	10	7	1
	15	19	1009.6	-	10.5	2.6	8.6	69	6.6	0	0	5	18	7	0	0	0	0	0	0	1	3	3	7	16	0	3	19	8	0	7	4	3	0	4	5	7	0
	21	19	1009.8	-	7.1	1.1	8.5	84	5.7	0	6	3	12	9	0	0	0	0	0	0	3	1	7	10	9	0	0	16	13	1	3	3	6	3	2	10	0	2
Aberdeen — Dyce ... H	3	193	1010.1	-	5.1	0.8	7.9	88	5.5	2	6	2	7	9	4	0	0	3	2	0	0	9	4	7	5	0	0	9	14	7	2	1	2	2	2	8	2	4
	9	193	1010.0	-1.7	8.2	1.7	8.4	77	5.9	0	6	2	14	7	1	0	0	1	0	1	1	3	10	6	8	0	0	21	8	1	5	1	0	1	6	5	5	6
	15	193	1010.0	-	10.0	2.6	8.4	69	7.1	0	0	2	18	10	0	0	0	0	1	0	2	7	3	7	10	0	0	21	9	0	3	1	5	5	7	1	6	2
	21	193	1010.4	-	6.2	1.0	8.1	85	5.8	0	5	6	5	13	1	0	1	0	0	3	3	9	3	4	7	0	0	6	17	7	5	1	1	2	3	6	4	1
Rattray Head ...	3	108	1009.8	-	5.5	0.9	7.8	86	5.2	0	6	7	11	3	3	0	2	0	1	0	0	7	17	3	0	0	0	12	17	1	6	0	4	0	13	2	4	0
	9	108	1009.8	-	7.6	1.3	8.6	81	5.7	0	3	10	11	1	5	0	2	1	2	0	0	4	6	15	0	0	0	20	10	0	4	1	4	1	7	4	5	4
	15	108	1010.1	-	8.6	1.8	8.5	76	5.4	0	3	13	9	3	2	0	0	1	1	0	0	6	8	14	0	0	1	19	10	0	9	0	5	3	5	0	5	3
	21	108	1010.0	-	6.7	1.1	8.3	84	6.3	0	0	7	13	5	5	1	1	2	2	0	1	4	16	3	0	0	0	14	16	0	6	1	4	2	10	2	5	0
Fife — Leuchars ... H	3	38	1009.9	-	5.8	0.7	8.4	89	5.7	2	5	3	7	10	3	0	0	1	2	1	1	2	9	12	2	0	0	11	17	2	4	3	3	1	2	9	6	0
	9	38	1010.1	-2.0	8.2	1.5	8.6	79	6.2	0	3	4	15	8	0	0	0	0	0	1	3	3	4	10	9	0	3	15	10	2	2	5	2	2	1	4	9	3
	15	38	1009.8	-	10.5	2.6	8.7	69	6.3	0	2	6	13	9	0	0	0	0	1	0	0	6	6	8	9	0	5	10	14	1	0	5	8	1	2	3	9	1
	21	38	1010.2	-	7.0	1.0	8.6	85	6.4	0	3	3	13	9	2	0	0	0	2	0	2	6	7	7	6	0	0	10	17	3	2	5	4	2	0	7	7	0
Midlothian — Turnhouse H	3	144	1010.6	-	5.8	0.9	8.1	87	5.7	1	6	3	11	7	2	0	2	0	1	1	3	3	7	13	0	0	0	14	10	6	2	4	3	0	2	9	4	0
	9	144	1010.9	-	8.1	1.6	8.4	77	6.3	0	2	5	17	5	1	0	0	1	0	2	1	4	7	13	2	0	3	14	10	3	4	5	2	1	0	8	6	1
	15	144	1010.4	-	10.4	2.7	8.4	67	6.2	0	3	4	16	7	0	0	0	0	0	1	2	3	9	9	6	0	4	16	10	0	0	7	5	1	4	6	7	0
	21	144	1010.9	-	7.3	1.2	8.5	82	5.9	0	4	4	15	7	0	0	0	0	0	1	2	11	12	4	0	0	0	13	15	2	1	9	2	0	1	9	6	0
6a SCOTLAND, W.																																						
Argyll — Tiree ... H	3	34	1009.1	-	6.4	0.5	9.0	92	5.2	3	5	5	5	12	0	0	0	0	0	0	3	5	8	7	7	0	1	16	10	3	4	4	3	3	1	7	5	0
	9	34	1009.5	-2.1	8.5	1.2	9.3	84	5.2	0	8	5	11	6	0	0	0	0	0	0	1	4	8	8	9	0	3	11	16	0	4	3	5	3	5	2	8	0
	15	34	1009.5	-	9.9	1.8	9.4	77	5.5	0	6	4	14	6	0	0	0	0	0	0	0	4	5	9	12	0	3	20	6	1	6	1	1	5	4	6	6	0
	21	34	1009.5	-	7.2	0.8	9.1	89	3.9	1	14	5	1	9	0	0	0	0	0	0	1	5	8	11	5	0	2	18	9	1	6	3	3	4	3	6	3	1
Rhuvaal ... H	3	63	-	-	7.4	1.2	8.6	83	5.0	0	7	9	7	7	0	0	0	0	0	0	0	0	1	15	14	0	3	15	12	0	5	1	4	3	5	9	3	0
	9	63	-	-	8.2	1.4	8.8	80	5.6	0	3	8	14	5	0	0	0	0	0	0	0	0	3	16	11	0	1	17	12	0	2	2	4	5	3	6	4	4
	15	63	-	-	9.6	1.9	9.0	76	5.7	0	2	10	11	7	0	0	0	0	0	0	0	0	2	14	14	0	1	15	14	0	2	1	1	3	6	2	12	3
	21	63	-	-	7.7	1.3	8.5	81	5.0	0	7	9	8	6	0	0	0	0	0	0	1	0	1	8	20	0	2	12	16	0	5	4	1	2	3	9	5	1
Renfrew — Renfrew ... H	3	29	1010.3	-	6.4	0.9	8.5	87	5.5	1	8	2	8	11	0	0	0	0	0	0	0	11	12	6	1	0	0	8	18	4	1	6	5	0	3	10	1	0
	9	29	1010.6	-2.1	8.1	1.5	8.7	79	6.2	0	3	4	16	7	0	0	0	0	0	2	4	16	5	2	1	0	0	11	15	4	2	5	4	0	4	6	5	0
	15	29	1010.2	-	10.9	2.7	8.8	68	7.1	0	0	2	17	11	0	0	0	0	0	1	1	13	9	5	1	0	1	12	14	3	2	3	5	2	2	6	5	2
	21	29	1010.6	-	8.2	1.3	8.9	81	6.4	1	2	2	13	12	0	0	0	0	0	2	4	15	9	0	0	0	0	3	22	5	3	1	7	1	1	4	8	0
Lanark — Lowther Hill H	3	-	-	-	2.2	0.2	7.0	97	7.1	0	2	3	2	1	22	3	19	0	0	0	0	0	2	5	1	0	10	13	6	1	0	6	2	4	2	8	5	2
	9	-	-	-	2.7	0.1	7.3	98	7.6	0	1	1	3	3	22	3	14	3	1	0	1	3	3	2	0	2	8	13	6	1	1	5	1	5	3	6	4	4
	15	-	-	-	4.5	0.7	7.6	90	7.3	0	1	1	9	10	9	1	7	1	0	0	0	6	1	11	3	1	7	16	6	0	1	6	1	0	5	10	2	5
	21	-	-	-	2.6	0.3	7.0	95	7.2	0	1	3	7	3	16	2	14	1	0	0	0	2	2	6	3	0	8	16	6	0	1	4	2	4	3	7	3	6
Ayr — Prestwick Airport H	3	69	1010.2	-	6.1	0.7	8.5	89	5.6	2	6	2	9	11	0	0	0	0	0	0	0	4	21	5	0	0	0	14	14	2	2	5	6	2	8	3	2	0
	9	69	1010.5	-	8.2	1.3	9.1	82	6.0	1	3	3	16	7	0	0	0	0	0	0	1	7	14	7	1	0	1	18	11	0	3	5	4	3	6	8	1	0
	15	69	1010.2	-	10.8	2.6	8.9	68	6.5	0	0	5	17	8	0	0	0	0	0	0	1	2	7	13	7	0	0	21	9	0	1	3	3	2	7	6	7	1
	21	69	1010.6	-	7.5	1.0	9.0	86	6.1	0	3	5	14	8	0	0	0	0	0	0	0	6	16	6	2	0	0	10	16	4	0	3	5	1	6	7	4	0
Dumfries — Eskdalemuir Observatory H	3	778	1011.4	-	4.7	0.5	7.9	91	6.4	2	3	2	5	18	0	0	0	2	2	0	2	9	12	3	0	0	0	5	21	4	5	4	2	0	9	5	2	0
	9	778	1011.2	-1.3	6.9	1.1	8.5	84	7.0	0	1	2	13	13	1	0	1	0	1	0	0	7	7	14	0	0	1	6	20	3	2	5	3	2	5	6	4	0
	15	778	1010.8	-	9.0	2.1	8.3	72	6.9	0	1	1	19	9	0	0	0	0	0	0	0	5	10	12	3	0	1	8	20	1	1	5	2	1	10	2	8	0
	21	778	1011.6	-	5.5	0.8	8.1	88	5.9	1	4	6	8	10	1	0	0	0	1	1	0	1	6	12	7	2	0	0	3	24	3	4	4	1	0	5	6	5	2
Wigtown — Mull of Galloway H	3	260	1010.9	-	6.2	0.7	8.7	90	4.6	3	9	4	3	11	0	0	0	0	0	0	0	6	8	16	0	0	6	18	6	0	1	0	5	2	5	7	9	1
	9	260	1011.3	-	7.4	0.8	9.1	88	5.9	0	6	2	15	5	2	0	1	0	1	0	0	3	6	18	1	1	2	20	7	0	2	2	3	2	3	6	8	4
	15	260	1011.2	-	9.1	1.6	9.1	78	6.3	0	1	5	17	5	2	0	2	0	0	0	0	1	4	19	4	1	5	15	9	0	3	2	2	0	8	7	4	4
	21	260	1011.9	-	7.1	0.9	8.8	87	6.0	0	2	8	10	7	3	0	0	2	1	0	0	1	6	17	3	0	4	15	11	0	4	1	4	1	4	9	5	2
6b ISLE OF MAN																																						
Isle of Man — Ronaldsway H	3	68	1011.1	-	6.8	0.8	8.9	89	5.2	3	5	4	6	11	1	0	0	1	0	0	0	9	10	4	6	0	1	19	10	0	5	1	3	2	4	9	5	1
	9	68	1011.4	-	8.0	1.0	9.3	86	5.9	0	7	2	8	12	1	0	0	1	0	1	0	6	9	7	6	0	5	16	9	0	1	6	3	2	4	3	9	2
	15	68	1011.4	-	9.7	1.9	9.2	76	5.7	0	6	3	15	6	0	0	0	0	0	0	0	6	8	10	6	0	5	18	7	0	3	4	2	2	7	8	3	1
	21	68	1011.7	-	7.6	1.0	9.0	85	5.6	2	2	8	7	11	0	0	0	0	0	0	2	5	7	9	7	0	2	17	10	1	1	5	4	1	4	4	9	1
Point of Ayre H	3	30	1010.8	-	6.8	0.7	9.0	90	4.9	3	5	5	13	4	0	0	0	0	0	0	0	2	10	18	0	0	1	17	11	1	4	1	3	3	7	8	2	1
	9	30	1011.0	-	8.5	1.0	9.6	86	5.7	0	5	3	18	4	0	0	0	0	0	0	0	4	8	18	0	0	3	19	7	1	5	1	2	5	3	8	3	2
	15	30	1010.9	-	10.8	2.1	9.6	74	5.5	0	3	11	12	4	0	0	0	0	0	0	0	6	23	1	0	0	2	20	8	0	3	1	5	5	2	6	7	1
	21	30	1010.9	-	7.7	0.9	9.2	86	5.1	0	5	10	10	5	0	0	0	0	0	0	0	2	4	23	1	0	0	17	12	1	1	4	3	2	6	7	6	0
2 ENGLAND, N.E.																																						
Northumberland — Acklington H	3	151	1011.0	-	6.1	0.8	8.5	89	5.5	2	5	6	3	13	1	0	0	1	1	2	0	4	8	6	8	0	0	12	16	2	1	5	1	2	7	7	5	0
	9	151	1011.0	-	8.4	1.5	8.9	80	6.6	0	2	3	15	9	1	0	0	1	0	0	5	1	6	11	6	0	2	17	10	1	6	4	1	0	5	11	2	0
	15	151	1010.7	-	10.1	2.0	9.3	75	6.1	0	2	6	14	8	0	0	0	0	0	1	4	6	5	7	7	0	5	12	13	0	6	3	3	3	4	5	6	0
	21	151	1011.3	-	7.1	0.9	8.9	87	6.1	0	4	4	11	11	0	0	0	0	1	1	5	5	9	4	5	0	0	10	18	2	5	3	0	4	3	9	3	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS April 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
2 ENGLAND, N.E. —cont.																																												
Tynemouth H	3	130	1011.4	-	6.9	1.0	8.6	84	5.9	4	1	3	7	15	0	0	0	0	0	0	1	6	17	6	0	0	1	13	16	0	2	4	1	2	9	3	7	2
	9	130	1011.4	-1.4	8.3	1.6	8.7	79	6.2	0	3	6	9	11	1	0	0	0	1	4	2	6	16	1	0	0	2	20	5	3	4	4	0	2	6	2	9	0
	15	130	1011.2	-	9.4	1.9	8.9	76	5.9	1	1	11	8	7	2	0	1	1	0	0	4	7	10	7	0	0	1	18	11	0	7	1	2	4	5	3	8	0
	21	130	1011.6	-	8.0	1.3	8.8	81	5.9	0	4	8	6	11	1	0	0	0	1	0	2	9	17	1	0	0	1	12	17	0	5	2	1	1	9	4	7	1
Durham Middleton St. George H	3	118																																										
	9	118																																										
	15	118																																										
	21	118																																										
Yorks., N.Riding Dishforth ... H	3	131	1011.8	-	6.4	0.7	8.8	90	5.2	3	8	1	4	14	0	0	0	0	0	2	4	10	6	4	4	0	0	9	19	2	4	3	1	5	4	4	5	2
	9	131	1012.0	-	8.9	1.6	9.1	79	6.4	0	2	4	16	8	0	0	0	0	0	1	5	10	2	7	5	0	1	19	9	1	3	4	2	0	7	5	6	2
	15	131	1011.3	-	11.7	2.7	9.4	68	6.5	0	0	6	15	9	0	0	0	0	0	1	1	8	6	8	6	0	3	17	10	0	4	5	0	0	8	1	10	2
	21	131	1012.2	-	8.2	1.2	9.2	83	5.2	2	5	5	8	10	0	0	0	0	0	1	3	10	5	8	3	0	0	12	18	0	3	4	1	4	4	3	10	1
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1011.6	-	8.4	1.5	9.1	80	6.4	0	1	4	19	5	1	0	0	1	0	0	1	5	17	6	0	0	5	16	8	1	2	4	1	2	9	6	3	2
	15	210	1011.4	-	10.2	2.9	9.4	76	6.0	0	1	11	14	4	0	0	0	1	0	0	1	8	12	8	0	0	5	15	10	0	1	5	5	3	4	4	5	3
	21	210	1011.6	-	8.1	1.3	8.9	82	5.5	0	4	10	7	8	1	0	0	0	0	1	1	12	15	1	0	0	3	12	14	1	1	3	0	5	8	5	3	4
Yorks., E. Riding Leconfield H	3	28	1012.2	-	6.5	0.8	8.6	88	5.0	3	7	4	5	11	0	0	1	0	0	1	2	10	12	4	0	0	0	12	16	2	5	3	0	2	7	7	4	0
	9	28	1012.4	-	9.3	1.9	8.8	75	6.4	0	2	4	15	9	0	0	0	0	0	0	1	11	5	2	0	0	3	19	8	0	3	4	1	0	6	8	7	1
	15	28	1011.9	-	11.7	3.1	8.9	64	6.4	0	1	4	21	4	0	0	0	0	0	0	0	5	13	8	4	0	2	20	8	0	5	3	0	4	5	6	7	0
	21	28	1012.6	-	7.8	1.3	8.8	82	5.3	1	7	5	8	9	0	0	0	0	0	2	4	11	8	5	0	0	0	12	14	4	5	2	1	2	4	7	5	0
Spurn Head H	3	54																																										
	9	54																																										
	15	54																																										
	21	54																																										
Lincoln Waddington H	3	227	1012.7	-	6.1	0.7	8.5	88	5.7	3	3	5	3	15	1	0	0	0	1	2	4	11	11	0	1	0	0	13	17	0	2	4	2	2	5	13	1	1
	9	227	1012.9	-	8.4	1.4	9.1	82	6.4	0	3	1	16	10	0	0	0	0	0	1	1	14	10	4	0	0	1	18	11	0	2	4	0	0	9	8	6	1
	15	227	1012.4	-	11.3	2.9	8.9	66	6.7	0	1	4	15	10	0	0	0	0	0	0	0	9	9	10	2	0	0	22	8	0	2	4	0	2	7	6	7	2
	21	227	1013.1	-	8.0	1.3	8.9	82	5.1	3	5	6	4	12	0	0	0	0	0	1	3	12	11	3	0	0	1	13	16	0	3	3	2	2	4	9	5	2
Binbrook ... H	3	356	1012.2	-	6.0	0.7	8.5	89	6.0	2	3	4	6	15	0	0	0	0	0	2	6	10	4	7	1	0	0	20	10	0	4	3	1	3	7	8	4	0
	9	356	1012.6	-	8.1	1.5	8.7	80	6.7	0	1	4	15	10	0	0	0	0	0	0	4	11	11	4	0	0	0	24	6	0	2	4	0	0	9	9	5	1
	15	356	1012.1	-	10.7	2.6	8.8	69	6.6	0	1	6	14	9	0	0	0	0	0	0	0	8	14	7	1	0	0	25	5	0	1	5	0	4	7	6	6	1
	21	356	1012.8	-	7.4	1.2	8.6	83	5.6	1	6	3	8	12	0	0	0	0	1	0	5	13	8	3	0	0	0	13	14	3	1	3	1	3	6	5	7	1
Manby ... H	3	47	1012.4	-	6.2	0.6	8.8	91	6.0	3	2	4	7	14	0	0	0	0	0	0	6	19	5	0	0	0	0	9	19	2	2	4	1	2	5	5	8	1
	9	47	1012.8	-	9.0	1.5	9.3	80	6.6	0	2	2	16	10	0	0	0	0	0	0	1	10	18	1	0	0	1	17	12	0	2	2	2	0	9	6	8	1
	15	47	1012.3	-	11.6	2.5	9.7	71	6.4	0	0	7	15	8	0	0	0	0	0	0	1	7	15	6	1	0	1	22	7	0	2	4	1	1	9	3	8	2
	21	47	1013.0	-	7.7	1.0	9.2	87	5.1	4	5	4	5	12	0	0	0	0	0	2	2	15	11	0	0	0	1	9	15	5	3	2	1	3	3	6	6	1
3 ENGLAND, E.																																												
Norfolk Marham H	3	89	1012.9	-	6.3	0.7	8.6	89	5.3	6	1	6	3	13	1	0	0	0	1	1	7	14	6	0	1	0	0	17	12	1	3	2	1	5	10	4	3	1
	9	89	1013.5	-	9.0	1.7	9.1	78	6.5	0	3	3	13	11	0	0	0	0	0	1	1	15	9	4	0	0	0	20	9	1	3	3	0	3	12	2	5	1
	15	89	1012.8	-	11.7	3.1	8.9	65	6.8	0	1	3	16	10	0	0	0	0	0	0	0	10	14	6	0	0	5	17	7	1	3	4	1	1	7	8	5	0
	21	89	1013.4	-	8.6	1.5	9.0	80	6.7	1	1	3	10	15	0	0	0	0	0	0	3	13	13	1	0	0	1	16	10	3	0	2	1	8	5	1	0	0
West Raynham H	3	263	1012.7	-	5.9	0.5	8.6	91	5.7	2	5	3	6	14	0	0	0	0	1	1	5	13	10	0	0	0	1	22	5	2	2	4	0	5	3	9	4	1
	9	263	1013.1	-	8.6	1.4	9.2	81	6.1	0	2	8	10	10	0	0	0	0	0	0	0	9	16	4	1	0	4	20	5	1	2	4	0	2	9	6	5	1
	15	263	1012.5	-	10.8	2.6	9.0	69	6.7	0	1	3	17	9	0	0	0	0	0	0	4	15	10	1	0	0	5	16	6	1	4	3	0	3	7	4	8	0
	21	263	1013.1	-	7.9	1.3	8.9	83	6.2	0	3	5	9	13	0	0	0	0	0	1	3	9	14	3	0	0	1	17	11	1	2	4	1	4	6	7	3	2
Coltishall ... H	3	57	1012.6	-	6.5	0.7	8.8	89	5.6	4	5	1	5	14	1	0	0	1	0	0	9	9	10	1	0	0	1	14	12	3	1	4	1	3	4	8	4	2
	9	57	1013.2	-	9.1	1.6	9.3	79	6.1	0	2	9	6	13	0	0	0	0	0	0	1	12	12	5	0	0	1	17	11	1	3	3	0	4	7	5	5	2
	15	57	1012.6	-	11.2	2.8	8.9	67	6.7	0	2	0	17	11	0	0	0	0	0	0	0	8	13	7	2	0	1	21	8	0	2	3	3	1	7	7	5	2
	21	57	1013.1	-	8.2	1.3	9.0	82	6.6	1	3	1	7	18	0	0	0	0	1	1	4	13	11	1	0	0	1	10	17	2	3	4	0	5	6	5	4	1
Gorleston H	3	26	1013.3	-	6.6	0.6	9.0	91	4.7	9	1	4	3	13	0	0	0	0	1	0	1	19	9	0	0	0	2	9	19	0	1	4	0	1	8	6	7	3
	9	26	1013.7	0.0	8.1	1.2	9.2	85	6.1	1	1	7	11	9	1	0	1	0	0	0	0	23	6	0	0	0	4	17	9	0	3	3	2	3	8	5	4	2
	15	26	1013.5	-	9.1	1.6	9.1	79	6.3	0	1	5	17	7	0	0	0	0	0	1	1	21	8	0	0	0	4	21	5	0	3	4	2	3	10	2	4	2
	21	26	1013.7	-	7.7	1.1	9.0	85	5.4	8	0	2	7	13	0	0	0	0	0	0	0	19	11	0	0	0	5	10	15	0	3	4	1	1	12	5	2	2
Suffolk Mildenhall H	3	39	1012.8	-	6.6	0.9	8.7	87	6.1	5	0	2	8	14	1	0	1	0	0	2	1	14	12	0	0	0	0	9	20	1	3	3	2	4	3	12	2	0
	9	39	1013.4	-	9.2	1.7	9.2	78	6.3	1	2	4	12	11	0	0	0	0	0	0	2	14	7	6	1	0	0	14	15	1	1	5	0	2	7	8	5	1
	15	39	1012.8	-	12.0	3.2	8.9	64	6.6	0	1	6	13	10	0	0	0	0	0	0	1	4	12	12	1	0	0	17	13	0	3	4	1	1	7	6	8	0
	21	39	1013.4	-	8.8	1.7	9.0	79	5.9	3	2	3	10	12	0	0	0	0	0	0	2	10	17	1	0	0	0	10	19	1	0	6	1	4	4	10	3	1
Wattisham H	3	299	1013.2	-	5.4	0.2	8.7	96	5.6	5	1	3	9	12	0	0	0	0	0	2	6	13	9	0	0	0	0	12	18	0	3	3	1	3	5	9	4	2
	9	299	1013.6	-	8.0	1.0	9.4	87	6.2	0	4	4	11	11	0	0	0	0	0	0	2	15	9	3	1	0	2	14	13	1	3	4	0	2	8	6	5	1
	15	299	1013.1	-	10.3	2.0	9.5	75	6.8	0	1	3	15	11	0	0	0	0	0	0	1	10	11	7	1	0	2	20	8	0	3	3	2	2	6	7	5	2
	21	299	1013.6	-	7.3	0.9	9.1	88	5.7	2	4	5	6	13	0	0	0	0	0	2	3	14	9	2	0	0	0	12	17	1	2	4	0	4	6	7	4	2
Aldeburgh H	3	35	1013.8	-	6.5	0.7	8.7	89	5.1	7	2	3	4	14	0	0	0	0	0	0	0	18	12	0	0	0	3	4	23	0	2	4	0	2	8	5	8	1
	9	35	1014.3	-	8.2	1.3	9.0	83	6.2	1	1	9	4	14	1	0	1	0	0	0	1	17	11	0	0	0	4	9	17	0	3	5	0	0	14	3	4	1
	15	35	1013.9	-	9.4	1.7	9.1	77	6.2	0	2	7	12	9	0	0	0	0	0	1	2	12	15	0	0	0	3	9	18	0	4	4	1	3	12	3	3	0
	21	35	1014.1	-	7.4	1.0	8.9	86	5.5	5	2	3	5	15	0	0	0	0	0	1	0	12	17	0	0	0	4	7	19	0	2	3	1	1	11	7	3	2
Huntingdon Wyton ... H	3	141	1012.8	-	6.4	0.9	8.5	87	5.6	3	4	5	6	11	1	0	1	0	0	1	5	10	13	0	0	0	0	14	14	2	4	3	0	4	3	9	3	2
	9	141	1013.4	-	8.8	1.7	8.9	78	6.9	0	1	2	16	11	0	0	0	0	0	0	7	13	7	3	0	0	1	17	11	1	4	3	0	3	5	8	6	0
	15	141	1012.7	-	11.6	3.1	8.8	65	6.6	1	5	3	21	0	0	0	0	0	0	0	3	5	11	11	0	0	1	19	10	0	3	3	0	1	5	12	6	0
	21	141	1013.4	-	8.7	1.6	8.9	78	5.8	2	5	3	5	15	0	0	0	0	0	1	4	12	10	3	0	0	1	14	13	2	4	2	1	1	7	10	2	1
Bedford Cardington H	3	96	1012.9	-	5.8	0.7	8.5	91	5.7	5	1	3	8	13	0	0	0	0	1	2	4	13	9	1	0	0	0	11	19	0	6	0	0	6	6	9	3	0
	9	96	1013.4	-	8.7	1.5	9.0	80	6.7	1	0	4	11	14	0	0	0	0	0	2	3	10	11	4	0	0	0	16	14	0	5	1	1	4	5	8	6	0
	15	96	1012.8	-	11.7	3.2	8.7	64	6.6	0	0	5	16	9	0	0	0	0	0	0	0	7	14	9	0	0	1	18	10	1	7	0	1	0	10	9	2	0
	21	96	1013.5	-	8.0	1.4	8.8	82	5.0	1	8	6	3	12	0	0	0	0	0	0	3	13	14	0	0	0	0	12	18	0	4	3	1	2	7	11	2	0
Hertford Bovingdon H	3	517	1013.5	-	5.2	0.6	8.2	90	5.6	7	1	1	5	16	0	0	0	0	2	1	9	10	7	1	0	0	0	10	17	3	5	3	1	0	6	8	2	2
	9	517	1013.8	-	7.8	1.4	8.6	81	6.6	1	1	4	11	13	0	0	0	0	1	1	5	9	11	3	0	0	0	15	15	0	4	3	1	1	5	6	6	2
	15	517	1013.2	-	10.5	2.8	8.4	66	6.7	0	1	6	12	11	0	0	0	0	0	0	2	10	5	8	5	0	0	21	8	1	4	2	1	1	7	5	9	0
	21	517	1014.1	-	7.4	1.3	8.5	81	5.2	4	6	2	3	15	0	0	0	0	0	2	2	11	11	4	0	0	1	10	15	4	3	3	1	0	4	7	7	1
Essex Stansted H	3	334	1013.2	-	5.5	0.5	8.4	91	5.3	5	3	5	3	13	1	0	1	1	0	1	8	11	5	2	0	0	0	10	16	4	2	4	0	5	3	9	2	1
	9	334	1013.7	-	8.2	1.3	9.0	82	6.4	1	2	3	12	12	0	0	0	1	0	0	5	11	7	2	4	0	0	17	13	0	1	5	0	3	7	6	7	1
	15	334	1013.1	-	10.7	2.9	8.4	67	6.5	0	2	4	14	10	0	0	0	0	0	0	1	7	5	9	8	0	0	22	8	0	3	3	1	0	7	5	9	2
	21	334	1013.8	-	7.8	1.4	8.6	81	5.3	3	4	6	6	11	0	0	0	0	0	0	4	12	7	7	0	0	0	8	20	2	2	4	1	4	4	4	9	0
Shoeburyness H	9	17	1014.4	+0.3	8.8	1.2	9.7	84	6.0	1	4	3	12	10	0	0	0	0	0	0	6	19	5	0	0	0	1	13	16	0	4	2	2	2	8	4	6	2
	15	17	1013.9	-	11.2	2.4	9.5	72	6.3	0	2	7	10	11	0	0	0	0	0	0	3	13	10	4	0	0	2	16	12	0	2	3	2	1	8	6	7	1
	21	17	1014.5	-	8.1	1.1	9.3	85	5.1	6	2	4	6	12	0	0	0	0	0	0	4	16	8	2	0	0	2	10	16	2	4	2	2	3	6	7	4	0
Walton-on-Naze ... H	3	21	1013.5	-	6.6	0.7	8.9	90	4.7	6	2	7	5	10	0	0	0	0	0	0	2	21	6	1	0	0	2	8	18	2	2	4	0	1	5	9	3	4
	9	21	1013.9	-	8.1	1.1	9.3	85	6.3	0	2	8	6	14	0	0	0	0	0	2	3	22	3	0	0	0	2	14	14	0	2	6	0	2	8	5	4	3
	15	21	1013.4	-	9.7	1.8	9.3	77	6.2	0	1	9	12	8	0	0	0	0	0	0	6	20	4	0	0	0	2	16	12	0	0	5	1	3	7	9	4	1
	21	21	1013.7	-	7.9	1.1	9.0	84	5.3	3	5	5	3	14	0	0	0	0	0	1	0	24	5	0	0	0	2	10	18	0	2	4	1	2	5	8	7	1
4 MIDLAND COUNTIES	3	769	1011.5	-	5.2	0.8	7.8	86	6.0	2	1	7	7	13	0	0	1	0	1	1	5	15	5	2	0	0	1	12	15	2	1	4	4	1	6	4	6	2
Yorks, W.R. Huddersfield Oakes H	9	769	1011.6	-	7.5	1.4	8.4	80	6.3	0	1	7	12	10	0	0	0	0	1	0	5	15	6	2	1	0	0	13	16	1	2	4	1	4	4	6	8	0
	15	769	1011.1	-	10.3	3.0	8.0	64	6.3	0	0	8	16	6	0	0	0	0	1	0	0	9	6	14	0	0	0	20	9	1	3	3	0	2	8	4	9	0
	21	769	1012.1	-	7.2	1.3	8.3	81	5.5	4	1	6	6	13	0	0	0	0	0	0	4	9	9	8	0	0	1	10	18	1	4	1	1	2	8	3	6	4

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS April 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1012.3	-	4.9	1.7	8.6	92	4.9	8	0	5	5	12	0	0	0	0	3	2	7	7	11	0	0	0	0	2	26	2	1	6	1	2	2	6	10	0							
	9	390	1012.6	-	8.1	1.2	9.1	84	6.7	1	1	2	12	14	0	0	0	0	1	2	4	18	3	2	0	0	1	10	17	2	3	3	0	1	4	9	8	0							
	15	390	1011.9	-	11.3	2.8	9.0	66	6.7	0	0	5	18	7	0	0	0	1	0	0	0	9	10	10	0	0	0	18	11	1	1	5	0	1	5	6	10	1							
	21	390	1012.9	-	7.6	1.1	8.9	84	5.0	5	4	4	4	13	0	0	0	0	0	3	5	15	7	0	0	0	0	2	28	0	2	5	2	2	4	3	9	3							
Northampton Finningley H	3	46	1012.1	-	6.6	0.8	8.8	88	5.3	5	2	4	7	12	0	0	0	0	0	2	6	13	7	2	0	0	0	14	15	1	6	2	2	3	7	6	3	0							
	9	46	1012.5	-	9.2	1.7	9.0	77	6.4	0	4	3	10	13	0	0	0	0	1	0	2	15	10	2	0	0	1	21	8	0	5	2	0	3	8	4	5	3							
	15	46	1011.9	-	12.2	3.3	8.9	62	6.7	0	0	4	21	5	0	0	0	0	0	0	0	7	14	5	4	0	2	22	6	0	2	4	0	4	8	2	9	1							
	21	46	1012.7	-	8.5	1.4	9.1	81	5.5	3	3	5	9	10	0	0	0	0	0	0	2	19	8	1	0	0	0	13	17	0	5	0	2	3	5	7	5	3							
Warwick Edgbaston H	3	219	1012.8	-	6.0	0.7	8.5	89	5.8	4	3	1	7	14	1	0	1	0	0	1	3	11	10	3	1	0	2	8	19	1	6	1	1	2	6	7	4	2							
	9	219	1013.2	-	8.5	1.5	9.0	81	6.5	1	1	2	16	10	0	0	0	0	0	1	4	7	9	5	4	0	2	18	10	0	5	2	0	2	10	4	7	0							
	15	219	1012.6	-	11.5	2.9	8.9	66	6.7	0	0	6	15	9	0	0	0	0	0	0	0	5	8	9	8	0	0	24	6	0	5	1	2	2	7	5	7	1							
	21	219	1013.3	-	8.1	1.3	9.0	82	5.7	4	4	1	8	13	0	0	0	0	0	1	2	8	10	9	0	0	0	15	12	2	5	0	2	1	6	8	3	3							
	9	542	1013.0	-	7.6	1.4	8.4	80	6.0	1	2	6	12	9	0	0	0	0	1	2	5	11	8	3	0	0	0	7	23	0	5	2	0	4	7	5	5	2							
	15	542	1012.4	-	10.9	3.2	8.1	63	6.8	0	0	4	17	9	0	0	0	0	0	1	1	9	11	6	2	0	0	14	16	0	4	2	0	2	7	5	8	2							
	21	542	1013.4	-	8.3	1.7	8.5	76	5.0	4	4	4	10	8	0	0	0	0	0	0	2	14	10	4	0	0	0	3	27	0	2	3	1	2	6	8	3	5							
Shropshire Shawbury H	3	362	1012.6	-	5.8	0.8	8.3	88	5.8	1	5	3	11	10	0	0	0	0	0	0	2	13	11	4	0	0	0	8	20	2	6	0	0	3	9	6	3	1							
	9	362	1012.8	-	7.9	1.9	8.7	80	6.0	0	2	4	15	9	0	0	0	0	0	1	6	14	9	0	0	0	0	16	13	1	5	2	0	3	8	4	6	1							
	15	362	1012.3	-	11.1	3.2	8.3	63	7.1	0	0	1	20	9	0	0	0	0	0	0	2	9	12	6	1	0	1	22	7	0	1	5	0	3	4	8	7	2							
	21	362	1013.1	-	8.1	1.7	8.0	77	6.0	2	2	5	(10)	11	0	0	0	0	0	1	6	20	2	1	0	0	0	12	18	0	3	3	1	2	8	5	4	4							
Worcester Pershore ... H	3	249	1012.4	-	5.7	0.8	8.3	88	5.6	2	4	5	11	8	0	0	0	0	0	1	4	6	10	9	0	0	0	7	23	0	6	0	2	2	7	10	3	0							
	9	249	1012.6	-	8.5	1.5	8.9	79	6.3	0	1	6	17	6	0	0	0	0	0	0	2	7	10	10	1	0	1	11	16	2	4	1	1	3	7	6	4	2							
	15	249	1012.0	-	11.4	3.2	8.5	64	6.8	0	0	4	19	7	0	0	0	0	0	0	0	5	11	9	5	0	0	22	8	0	4	2	1	2	6	5	9	1							
	21	249	1013.0	-	7.9	1.4	8.8	80	6.1	0	2	6	15	7	0	0	0	0	0	0	1	6	11	11	1	0	0	7	22	1	4	2	2	3	5	9	3	1							
Hereford Ross-on-Wye H	3	117	1013.1	-	6.1	0.8	8.3	87	5.2	4	2	9	2	13	0	0	0	0	0	1	1	11	10	4	3	0	1	9	16	4	2	4	0	3	5	10	2	0							
	9	117	1013.3	-	8.9	1.7	8.9	77	6.4	0	4	1	11	14	0	0	0	0	0	0	1	11	9	5	4	0	2	17	9	2	2	4	1	1	7	7	4	2							
	15	117	1012.6	-	11.9	3.3	8.7	63	7.0	0	0	3	15	12	0	0	0	0	0	0	0	4	12	6	8	0	2	21	7	0	2	4	3	1	6	4	10	0							
	21	117	1013.6	-	8.3	1.5	8.9	80	5.5	2	6	3	7	12	0	0	0	0	0	0	1	9	13	5	2	0	0	14	15	1	3	5	2	1	5	11	2	0							
Gloucester Filton ... H	9	226	1012.9	-1.2	8.8	1.8	8.8	77	5.9	0	7	1	10	12	0	0	0	0	0	0	2	10	2	16	0	0	0	5	24	1	1	4	0	1	9	9	4	1							
	15	226	1012.2	-	11.6	3.1	8.8	64	6.7	0	1	5	10	14	0	0	0	0	0	0	0	8	7	12	3	0	0	15	14	1	0	5	2	2	7	4	8	1							
	21	226	1013.3	-	8.5	1.6	8.9	80	6.7	1	1	2	10	16	0	0	0	0	0	0	0	16	1	12	1	0	0	5	23	2	3	2	0	3	6	8	5	1							
Little Rissington H	3	197	1012.8	-	6.5	0.8	8.7	87	6.3	2	3	2	8	15	0	0	0	0	0	0	1	21	8	0	0	0	0	7	20	3	4	1	1	4	5	7	4	1							
	9	197	1013.3	-	8.8	1.4	9.3	81	5.7	0	5	8	7	10	0	0	0	0	0	0	3	11	8	8	0	0	1	14	13	2	5	0	1	2	6	9	5	0							
	15	197	1012.7	-	11.2	2.5	9.4	70	6.6	0	1	5	11	13	0	0	0	0	0	1	0	7	9	13	0	0	5	19	6	0	2	3	0	2	6	10	6	1							
	21	197	1013.7	-	8.1	1.2	9.2	84	5.5	2	4	6	7	11	0	0	0	0	0	0	0	20	9	1	0	0	0	12	16	2	5	0	2	1	6	13	1	0							
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	79	1013.3	-	6.8	1.0	8.6	85	5.2	6	0	6	8	10	0	0	0	0	0	0	5	14	9	2	0	0	0	7	21	2	2	3	0	5	10	7	0	1							
	9	79	1013.5	-	9.4	1.9	9.0	75	6.3	0	4	2	14	10	0	0	0	0	0	1	3	9	9	4	4	0	0	16	13	1	4	2	0	4	7	8	2	2							
	15	79	1012.9	-	12.1	3.3	8.9	63	6.9	0	0	2	17	11	0	0	0	0	0	0	1	5	12	4	8	0	1	17	12	0	4	4	1	3	6	11	1	0							
	21	79	1013.9	-	8.9	1.7	9.0	77	5.8	3	2	3	10	12	0	0	0	0	0	0	4	15	7	4	0	0	0	9	20	1	3	2	2	3	8	8	3	0							
Surrey Kew Observatory H	3	751	1013.1	-	5.3	0.5	8.4	92	5.5	4	4	2	7	12	1	0	0	1	0	1	8	9	10	1	0	0	0	13	17	0	3	4	1	2	5	9	2	4							
	9	751	1013.3	-	7.4	1.1	8.8	85	6.0	3	2	2	11	12	0	0	0	0	1	1	4	6	9	6	3	0	2	17	11	0	2	5	1	0	7	8	3	4							
	15	751	1012.7	-	10.0	2.4	8.7	71	7.2	0	0	1	16	13	0	0	0	0	0	0	1	7	10	10	2	0	3	19	8	0	0	7	0	2	5	7	7	2							
	21	751	1013.8	-	7.0	1.0	8.6	85	4.8	5	5	4	5	11	0	0	0	0	1	0	2	9	12	5	1	0	1	16	12	1	1	5	2	1	5	6	9	0							
Kent Gatwick H	3	86	1013.2	-	6.3	0.7	8.7	90	5.5	4	3	4	6	13	0	0	0	0	0	2	5	11	8	4	0	0	0	7	22	1	3	2	2	2	5	8	6	1							
	9	86	1013.7	-	8.7	1.5	9.1	80	6.2	1	1	7	10	11	0	0	0	0	0	1	3	12	6	6	2	0	0	16	14	0	2	3	0	3	7	4	9	2							
	15	86	1013.1	-	11.8	3.1	8.9	65	6.7	0	0	7	11	12	0	0	0	0	0	0	1	10	7	5	7	0	1	20	9	0	5	2	1	1	8	5	6	2							
	21	86	1013.8	-	8.6	1.5	9.0	79	5.5	3	4	4	8	11	0	0	0	0	0	0	4	10	11	5	0	0	0	10	19	1	4	4	0	3	4	7	7	0							
Surrey Kew Observatory H	9	34	1014.0	-0.3	9.0	1.8	8.8	76	6.4	1	2	1	15	11	0	0	0	0	0	2	1	9	8	7	3	0	0	15	14	1	1	4	0	2	5	10	5	2							
	15	34	1013.3	-	11.7	3.3	8.6	63	6.9	0	0	4	15	11	0	0	0	0	0	0	2	8	4	7	9	0	2	20	8	0	5	3	0	1	6	9	5	1							
	21	34	1014.1	-	8.8	1.7	8.9	78	5.6	2	4	3	11	10	0	0	0	0	0	0	3	13	7	6	1	0	0	9	18	3	3	4	1	2	4	8	5	0							
Gatwick H	3	195	1013.6	-	5.2	0.5	8.4	93	5.7	4	1	5	6	14	0	0	0	0	0	5	2	10	11	2	0	0	0	10	15	5	4	2	1	0	5	8	4	1							
	9	195	1014.0	-	8.8	1.3	9.5	83	6.2	1	2	5	11	11	0	0	0	0	0	1	5	8	14	2	0	0	0	14	16	0	1	5	1	1	6	7	7	2							
	15	195	1013.5	-	11.3	2.8	9.1	69	6.5	0	0	7	13	10	0	0	0	0	0	0	1	11	7	7	4	0	2	18	10	0	4	4	0	1	6	7	7	1							
	21	195	1013.4	-	7.0	0.7	8.9	86	5.0	1	6	8	6	9	0	0	0	0	0	0	4	8	16	2	0	0	0	8	21	1	2	4	2	1	5	11	4	0							
Kent Deal ... H	3	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	9	34	1014.5	-	8.7	1.0	9.5	86	5.9	1	4	4	7	14	0	0	0	0	0	2	4	13	11	0	0	0	3	13	12	2	4	2	1	0	7	8	3	3							
	15	34	1014.2	-	10.6	1.7	10.1	80	5.4	1	4	7	10	8	0	0	0	0	0	2	4	14	10	4	0	0	4	14	12	0	6	1	1	3	6	8	4	1							
	21	34	1014.6	-	8.0	0.7	9.7	89	4.2	8	5	2	3	12	0	0	0	0	0	0	2	8	18	2	0	0	4	9	17	0	7	0	3	1	4	7	8	0							
Sussex Manston ... H	3	148	1013.7	-	6.2	0.5	8.8	92	4.8	6	5	2	6	10	1	0	2	0	0	0	3	13	5	7	0	0	2	11	16	1	2	4	0	3	7	7	5	1							
	9	148	1014.3	-	8.7	1.2	9.5	83	5.9	1	4	4	12	9	0	0	0	0	0	0	3	12	11	4	0	0	4	16	10	0	4	3	1	2	7	7	4	2							
	15	148	1013.7	-	11.1	2.6	9.2	70	5.8	1	4	4	13	8	0	0	0	0	0	0	0	11	8	11	0	0	5	13	12	0	3	5	1	3	7	7	2	2							
	21	148	1014.3	-	7.3	0.9	9.1	87	5.1	5	4	3	6	12	0	0	0	0	0	0	1	13	10	6	0	0	2	16	11	1	2	4	3	4	4	11	1	0							
Sussex Thorney Island H	3	35	1013.7	-	6.5	0.6	9.0	91	5.2	5	4	2	6	13	0	0	0	0	0	0	6	8	12	4	0	0	0	10	19	1	1	4	3	2	5	5	6	3							
	9	35	1014.3	-	8.9	1.3	9.6	84	5.6	2	4	5	7	12	0	0	0	0	0	0	4	9	9	6	2	0	0	12	17	1	2	4	0	4	5	5	9	0							
	15	35	1014.0	-	10.7	2.1	9.6	75	6.5	0	2	4	15	9	0	0	0	0	0	0	2	10	8	7	3	0	2	18	10	0	3	3	1	2	7	8	6	0							
	21	35	1014.6	-	7.9	0.9	9.4	87	4.7	6	1	8	7	7	1	0	0	0	1	0	2	9	13	5	0	0	1	8	21	0	2	3	4	2	2	7	9	1							
East Hoathly H	9	133	1014.4	-	8.5	1.3	9.3	84	6.3	0	2	7	9	11	1	0	0	0	2	1	3	17	4	3	0	0	0	13	17	0	2	4	0	3	8	4	6	3							
	15	133	1014.1	-	10.9	2.3	9.5	72	6.5	0	1	6	11	12	0	0	0	0	0	0	4	14	11	1	0	0	2	17	11	0	4	2	2	3	3	10	5	1							
	21	133	1014.6	-	7.0	0.8	9.0	89	4.5	3	8	5	6	8	0	0	0	0	1	0	3	19	2	5	0	0	0	6	19	5	2	3	1	5	2	8	4	0							
Eastbourne Coastguard H	9	24	1014.3	-	8.5	1.2	9.3	84	6.1	1	3	6	5	15	0	0	0	0	0	0	1	20	9	0	0	0	5	10	13	2	4	2	3	0	6	2	11	0							
	15	24	1014.4	-	10.0	1.8	9.4	77	6.0	1	0	12	7	10	0	0	0	0	0	0	1	16	13	0	0	0	10	8	11	1	3	1	3	3	5	2	12	0							
	21	24	1014.5	-	7.9	1.0	9.3	86	4.0	7	6	7	1	9	0	0	0	0	0	0	0	21	9	0	0	0	6	10	8	6	1	4	3	0	1	0	15	0							
Berkshire Abingdon H	3	234	1013.3	-	5.8	0.7	8.5	90	5.1	5	2	6	7	10	0	0	0	0	0	0	3	14	12	1	0	0	0	8	15	7	4	2	1	4	4	5	3	0							
	9	234	1013.7	-	8.7	1.5	9.1	80	6.1	2	2	5	8	13	0	0	0	0	0	1	3	9	11	5	1	0	0	16	12	2	1	4	2	3	4	4	8	2							
	15	234	1013.1	-	11.6	2.9	9.2	67	6.6	0	1	6	12	11	0	0	0	0	0	0	1	7	11	11	0	0	0	24	6	0	2	5	1	1	7	10	4	0							
	21	234	1014.1	-	7.9	3.2	9.0	82	4.8	6	5	2	5	12	0	0	0	0	0	0	2	12	12	4	0	0	0	11	16	3	3	3	2	1	5	8	5	0							
Hampshire Hurn ... H	3	46	1013.7	-	6.1	0.7	8.6	89	4.8	7	4	3	1	15	0	0	0	0	0	1	3	11	11	4	0	0	0	7	21	2	3	2	1	3	3	8	6	2							
	9	46	1014.3	-	8.8	1.5	9.2	80	5.9	1	3	5	10	11	0	0	0	0	0	0	3	7	9	10	1	0	0	16	12	2	2	3	0	4	4	6	9	0							
	15	46	1013.8	-	11.0	2.6	9.1	69	6.5	0	1	6	12	11	0	0	0	0	0	0	1	9	7	8	5	0	2	18	10	0	1	4	1	2	6	11	4	1							
	21	46	1014.6	-	8.2	1.3	9.0	81	5.1	3	6	4	7	10	0	0	0	0	0	0	2	11	13	4	0	0	0	9	20	1	4	2	2	4	2	9	5	1							
Wiltshire Lyneham H	3	231	1013.6	-	5.7	0.4	8.7	92	5.8	4	1	5	5	15	0	0	0	0	1	0	1	6	9	8	3	2	0	0	8	20	2	4	1	0	6	3	6	8	0							
	9	231	1014.0	-0.3	8.7	1.3	9.4	82	5.8	2	3	4	10	11	0	0	0	0	0	1	3	9	3	7	7	0	0	16	14	0	0	5	0	5	5	5	7	3							
	15	231	1013.4	-	11.4	2.6	9.5	70	6.8	0	0	7	11	12	0	0	0	0	0	0	1	8	4	8	9	0	2	19	9	0	3	4	0	4	5	6	7	1							
	21	231	1014.3	-	8.1	1.1	9.3	84	5.3	2	4	6	9	9	0	0	0	0	0	0	5	7	9	5	4	0	0	11	18	1	3	3	3	3	3	7	7	0							
	3	489	1013.4	-	5.6	0.6	8.4	91	5.1	4	4	6	4	12	0	0	0	0	0	0	5	14	10	1	0	0	1	8	21	0	4	1	0	3	6	10	3	3							
	9	489	1013.7	-	7.7	1.2	8.8	82	6.3	0	3	4	11	12	0	0	0	0	0	0	1	12	6	10	1	0	2	14	14	0	3	3	0	2	8	5	6	3							
	15	489	1013.0	-	10.4	2.4	9.0	71	6.9	0	0	4	15	11	0	0	0	0	0	0	2	6	8	11	3	0	2	20	8	0	0	6	1	2	6	6	9	0							
	21	489	1014.1	-	7.2	1.0	8.8	84	4.9	1	8	6	6	9	0	0	0	0	0	0	2	8	15	5	0	0	1	10	19	0	1	4	1	3	6	10	5	0							

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS April 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind: Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
5 ENGLAND, S.E. —cont.																																												
Boscombe Down H	3	419	1013.7	-	5.5	0.6	8.4	91	5.7	3	5	0	11	11	0	0	1	0	0	0	3	17	8	1	0	0	0	8	18	4	3	2	2	4	4	6	3	2
	9	419	1014.1	-	8.2	0.7	8.9	81	5.9	0	6	2	13	9	0	0	0	0	1	1	0	11	8	8	1	0	0	15	15	0	3	3	0	3	6	3	8	4
	15	419	1013.5	-	10.9	2.8	8.7	67	6.3	0	3	4	12	11	0	0	0	0	0	0	0	4	9	15	2	0	1	22	6	1	3	3	0	2	8	5	7	1
	21	419	1014.5	-	7.3	1.2	8.6	83	5.0	4	4	6	6	10	0	0	0	0	0	1	1	9	16	3	0	0	0	7	22	1	3	3	2	3	6	4	8	0
Upavon ... H	9	582	1013.5	-	7.7	1.0	9.1	86	6.1	0	3	4	13	10	0	0	1	0	0	1	0	14	5	7	2	0	2	16	12	0	4	3	2	1	7	2	7	4
	15	582	1012.9	-	10.5	2.4	9.1	72	6.4	0	0	8	12	10	0	0	0	0	0	0	0	9	9	7	6	0	5	19	4	2	1	5	0	0	8	3	10	1
	21	582	1014.0	-	6.9	0.9	8.8	86	4.7	5	7	2	4	12	0	0	0	0	0	1	0	6	16	7	0	0	1	9	19	1	1	3	3	1	5	5	9	2
7a ENGLAND, N.W.																																												
Cumberland Carlisle ... H	3	92	1011.8	-	6.4	0.9	8.6	87	6.4	2	2	1	10	15	0	0	0	0	0	0	2	9	16	3	0	0	0	6	18	6	1	5	3	3	4	8	0	0
	9	92	1011.8	-	8.3	1.5	8.8	80	6.5	0	4	1	16	9	0	0	0	0	0	0	3	10	9	8	0	0	1	9	17	3	5	1	3	5	2	10	1	0
	15	92	1011.5	-	10.8	2.8	8.6	67	6.6	0	0	5	17	8	0	0	0	0	0	0	1	3	9	9	8	0	0	16	13	1	1	5	0	3	3	13	2	2
	21	92	1012.0	-	7.5	1.1	8.8	83	5.4	2	4	6	10	8	0	0	0	0	0	0	1	10	11	8	0	0	0	7	18	5	3	3	4	0	4	10	1	0
Lancashire Squires Gate H	3	35	1011.8	-	6.5	0.5	9.0	91	5.8	2	4	4	8	12	0	0	0	0	0	1	3	10	10	6	0	0	0	14	15	1	3	1	2	4	5	6	6	2
	9	35	1012.0	-	8.7	1.1	9.7	85	6.0	1	1	8	11	9	0	0	0	0	0	0	5	12	11	2	0	0	1	17	12	0	3	2	1	4	6	4	9	1
	15	35	1011.7	-	10.5	1.8	9.9	77	5.7	0	3	9	13	5	0	0	0	0	0	0	3	6	15	6	0	0	2	19	9	0	1	2	1	2	3	3	10	8
	21	35	1012.1	-	7.6	0.7	9.5	89	5.8	2	2	6	10	10	0	0	0	0	0	0	4	16	9	1	0	0	0	17	12	1	0	4	4	4	2	5	9	1
Speke ... H	3	85	1012.3	-	6.9	0.9	8.7	85	4.8	7	1	6	7	9	0	0	0	0	0	0	1	6	15	8	0	0	0	9	20	1	4	2	1	4	9	3	5	1
	9	85	1012.5	-	8.8	1.7	8.8	77	6.1	0	2	5	18	5	0	0	0	0	0	0	3	11	13	2	1	0	0	17	12	1	3	2	1	4	9	1	6	3
	15	85	1012.0	-	11.5	3.0	8.8	65	6.3	0	2	6	17	5	0	0	0	0	0	0	1	4	17	6	2	0	3	18	8	1	0	4	0	2	7	4	9	3
	21	85	1012.6	-	8.9	1.6	9.1	78	5.4	2	3	6	12	7	0	0	0	0	0	0	1	14	11	4	0	0	0	13	16	1	2	2	2	4	4	9	4	2
Cheshire Ringway H	3	251	1011.9	-	6.5	1.1	8.3	84	5.6	1	4	6	6	13	0	0	0	0	0	1	1	11	8	9	0	0	0	4	25	1	1	4	1	4	11	4	3	1
	9	251	1012.2	-	8.2	1.8	8.3	75	6.5	1	1	2	17	9	0	0	0	1	0	1	1	18	8	1	0	0	0	13	16	1	1	3	0	1	14	1	7	2
	15	251	1011.6	-	11.3	3.6	7.8	58	6.5	0	6	4	20	0	0	0	0	0	1	0	0	10	14	5	0	0	0	19	11	0	1	3	0	2	7	3	11	3
	21	251	1012.4	-	8.5	1.9	8.4	74	6.3	2	1	3	14	10	0	0	0	0	0	1	1	21	5	2	0	0	0	9	19	2	1	4	2	3	6	8	4	0
7b NORTH WALES																																												
Anglesey Valley ... H	3	36	1011.8	-	7.0	0.6	9.2	91	5.1	6	1	6	6	11	0	0	0	0	0	1	1	3	11	13	1	0	4	18	4	4	3	2	1	3	9	5	3	0
	9	36	1012.0	-1.5	8.7	1.1	9.7	85	6.1	0	1	8	12	9	0	0	0	0	0	1	1	5	9	12	2	0	6	19	5	0	3	3	2	1	12	5	3	1
	15	36	1011.7	-	10.3	1.7	9.8	78	6.0	0	2	6	17	5	0	0	0	0	0	0	4	10	9	7	1	0	6	18	5	0	3	1	0	2	12	4	4	4
	21	36	1012.3	-	8.0	0.8	9.6	89	6.4	0	2	4	17	6	1	0	0	0	1	0	2	3	11	9	4	0	4	14	11	1	4	4	0	2	8	6	5	0
8a SOUTH WALES																																												
Cardigan Aberporth H	3	382	1012.2	-	6.7	0.9	8.7	87	5.7	0	7	2	10	11	0	0	0	0	0	0	0	7	17	5	1	0	1	18	9	2	2	3	0	2	13	2	6	0
	9	382	1012.4	-	8.2	1.3	9.1	83	5.9	0	3	5	17	5	0	0	0	0	0	1	0	2	20	5	2	0	5	15	10	0	2	3	0	4	7	5	5	4
	15	382	1012.4	-	9.9	2.0	9.2	75	6.0	0	4	5	16	5	0	0	0	0	0	0	0	3	9	13	5	0	5	14	11	0	3	2	0	3	5	5	7	5
	21	382	1013.0	-	7.6	1.1	8.9	84	5.7	1	6	1	13	9	0	0	0	0	0	0	1	4	15	8	2	0	3	14	11	2	3	3	0	4	6	9	3	0
Glamorgan Mumbles Head H	3	123	-	-	-	-	-	-	4.9	4	3	8	7	7	1	0	0	1	0	0	1	5	21	2	0	0	4	16	8	2	3	4	4	2	4	4	6	1
	9	123	-	-	-	-	-	-	5.7	0	4	8	11	7	0	0	0	0	0	0	1	15	10	4	0	0	7	14	8	1	3	4	2	3	5	6	5	1
	15	123	-	-	-	-	-	-	5.8	0	3	10	7	10	0	0	0	0	0	1	0	10	11	6	2	1	8	17	4	0	0	3	1	6	1	9	10	0
	21	123	-	-	-	-	-	-	5.7	2	4	5	7	12	0	0	0	1	1	0	0	8	15	5	0	0	4	16	9	1	3	2	5	2	1	6	8	2
Rhoose ... H	3	225	1013.1	-	6.4	0.8	8.7	88	6.1	2	2	4	7	14	1	0	0	0	1	0	2	7	15	5	0	0	2	10	16	2	1	5	2	3	3	3	9	2
	9	225	1013.5	-	8.2	1.1	9.4	84	5.5	1	5	6	9	9	0	0	0	0	1	1	1	7	11	8	1	0	4	13	11	2	0	5	1	4	2	4	10	2
	15	225	1013.2	-	10.2	1.9	9.6	77	6.0	0	4	4	14	8	0	0	0	0	1	0	0	6	11	4	8	0	6	15	9	0	1	4	1	3	5	1	15	0
	21	225	1014.0	-	7.4	0.9	9.1	87	5.4	2	7	2	7	12	0	0	0	0	0	0	0	7	19	3	1	0	0	11	18	1	1	4	0	5	3	2	10	4
8b ENGLAND, S.W.																																												
Dorset Portland Bill H	3	35	1013.1	-	7.2	0.6	9.4	91	5.2	8	2	1	1	18	0	0	0	0	0	0	0	8	4	18	0	0	7	15	8	0	2	5	2	2	5	5	7	2
	9	35	1013.7	-	8.1	0.9	9.6	89	5.4	3	3	6	8	10	0	0	0	0	0	0	0	12	5	13	0	0	9	10	11	0	2	4	1	3	6	2	12	0
	15	35	1013.4	-	9.3	1.2	10.0	85	6.3	0	1	8	9	11	1	0	0	0	1	0	0	15	1	13	0	2	10	13	4	1	0	5	3	0	4	9	8	0
	21	35	1014.0	-	7.9	0.8	9.6	89	4.8	4	5	7	2	12	0	0	0	0	0	0	1	6	5	18	0	0	8	14	8	0	6	2	3	1	2	7	9	0
Devon Hartland Pt. H	3	306	1012.3	-	7.5	0.8	9.3	88	5.4	3	3	5	9	9	1	0	1	0	0	0	0	4	13	9	3	0	8	15	6	0	3	4	0	2	3	9	9	0
	9	306	1012.8	-	8.3	0.9	9.7	88	5.7	0	2	13	10	4	1	0	1	0	0	0	0	8	14	5	2	0	9	14	5	2	0	6	0	1	6	6	9	0
	15	306	1012.7	-	9.6	1.4	9.6	83	6.1	0	3	5	14	7	1	0	1	0	0	0	0	5	10	10	4	0	12	13	5	0	0	5	0	0	6	3	16	0
	21	306	1013.3	-	8.1	0.8	9.8	89	5.1	0	7	7	5	10	1	0	0	1	0	0	1	8	12	6	2	2	10	9	8	1	1	4	1	4	3	7	9	0
Mount Batten H	3	100	1013.2	-	7.2	0.6	9.4	91	6.0	2	3	3	7	14	1	0	0	0	0	2	4	13	11	0	0	0	0	15	11	4	4	3	3	1	4	5	4	2
	9	100	1013.7	-0.8	8.5	0.8	9.9	88	6.3	0	3	3	14	9	1	0	0	0	1	0	4	15	9	1	0	0	0	20	6	4	2	4	0	3	7	3	6	1
	15	100	1013.6	-	10.3	1.5	10.2	81	6.7	0	1	2	16	11	0	0	0	0	0	2	2	8	9	7	2	0	4	17	9	0	4	2	1	2	6	9	5	1
	21	100	1014.2	-	8.4	0.8	9.9	89	5.6	5	1	3	10	11	0	0	0	0	0	3	0	15	11	0	0	0	1	13	15	1	4	1	2	3	4	5	7	3
Chivenor ... H	3	23	1013.3	-	7.1	0.8	9.0	87	5.9	3	1	6	9	11	0	0	0	1	0	0	1	7	9	6	6	0	0	11	15	4	1	4	4	6	3	3	4	1
	9	23	1013.7	-	9.1	1.3	9.7	83	6.3	0	2	6	11	10	1	0	0	1	1	0	0	5	13	6	4	0	2	17	10	1	1	4	2	6	5	4	6	1
	15	23	1013.6	-	11.4	2.0	9.4	76	6.0	0	5	3	13	9	0	0	0	0	0	0	1	3	8	11	7	0	5	23	2	0	2	3	0	5	1	4	15	0
	21	23	1014.1	-	8.4	1.0	9.6	86	5.7	0	6	4	8	12	0	0	0	0	0	0	0	9	11	6	4	0	1	11	15	3	4	2	2	4	5	3	7	0
Exeter ... H	3	125	1013.6	-	6.6	0.7	8.9	89	6.0	1	3	4	12	10	0	0	0	1	0	3	1	6	15	2	2	0	1	9	15	5	5	2	0	4	3	4	5	2
	9	125	1014.1	-	8.6	1.3	9.4	83	6.4	0	2	5	12	9	2	0	0	2	0	0	2	8	7	7	4	0	2	18	10	0	4	3	0	4	6	3	8	2
	15	125	1013.6	-	11.1	2.4	9.6	72	6.9	0	0	3	15	12	0	0	0	0	0	0	1	7	8	10	4	0	7	16	7	0	4	0	1	7	3	6	7	2
	21	125	1014.6	-	8.0	1.0	9.3	85	5.2	3	6	4	4	13	0	0	0	0	0	1	0	7	17	4	1	0	1	12	16	1	2	2	0	7	7	2	6	3
Cornwall St. Mary's, Scilly H	3	199	1013.3	-	8.4	0.6	10.1	91	5.0	3	4	8	5	8	2	0	0	1	1	0	0	2	12	6	8	0	7	17	6	0	0	5	1	0	7	5	8	4
	9	199	1013.4	-1.1	9.6	1.2	10.1	84	5.9	0	3	9	7	9	2	0	0	1	1	0	1	5	10	7	5	0	8	15	6	1	2	3	2	0	6	5	8	3
	15	199	1013.8	-	10.3	1.3	10.7	84	6.0	0	5	3	13	9	0	0	0	0	0	0	1	3	8	11	7	0	5	23	2	0	2	3	0	5	1	4	15	0
	21	199	1014.2	-	8.8	0.8	10.1	88	5.6	0	6	4	8	12	0	0	0	0	0	0	0	9	11	6	4	0	1	11	15	3	4	2	2	4	5	3	7	0
St. Mawgan H	3	350	1013.4	-	6.8	0.5	9.3	92	5.2	3	4	6	6	10	1	0	0	1	0	0	2	12	8	6	1	0	2	16	11	1	3	4	0	3	9	5	5	0
	9	350	1013.6	-	8.6	0.9	9.8	88	6.4	0	1	9	8	10	2	0	1	0	1	0	0	7	13	8	0	0	5	17	8	0	2	4	0	6	4	3	8	3
	15	350	1013.8	-	10.0	1.5	10.0	80	6.2	0	2	8	11	8	1	0	0	0	0	1	0	2	12	10	5	0	4	22	4	0	5	1	0	4	4	3	11	2
	21	350	1014.3	-	7.9	0.7	9.7	90	5.8	1	6	3	8	12	0	0	0	0	0	1	4	8	9	5	3	0	3	13	14	0	3	3	1	5	6	4	7	1
9 NORTHERN IRELAND																																												
Londonderry Ballykelly H	3	6	1009.7	-	6.6	0.8	8.7	88	5.3	4	3	6	8	9	0	0	0	0	0	0	0	3	9	14	4	0	1	7	13	9	0	2	1	2	5	5	5	1
	9	6	1010.1	-	9.2	1.9	8.9	76	6.0	0	1	7	21	1	0	0	0	0	0	0	0	2	5	16	7	0	0	14	11	5	0	1	4	2	4	4	10	0
	15	6	1010.0	-	11.1	2.6	9.0	68	6.1	0	2	6	18	4	0	0	0	0	0	0	0	1	3	10	16	0	2	15	13	0	4	2	5	5	1	1	11	1
	21	6	1010.4	-	7.9	1.2	8.9	83	4.7	0	8	7	11	4	0	0	0	0	0	0	0	0	7	16	7	0	0	6	19	5	1	3	1	6	1	6	6	1
Antrim Aldergrove H	3	241	1010.6	-	6.1	0.7	8.5	88	5.6	5	1	2	12	10	0	0	0	0	0	0	0	6	13	9	2	0	0	15	12	3	3	1	5	1	7	6	3	1
	9	241	1011.1	-	8.1	1.2	9.1	83	6.0	0	4	5	16	5	0	0	0	0	0	0	1	4	9	10	6	0	1	16	11	2	2	2	3	2	6	5	6	2
	15	241	1011.1	-	10.9	2.6	9.0	68	6.6	0	0	5	18	7	0	0	0	0	0	0	0	2	4	13	11	0	0	23	6	1	2	4	1	4	4	5	8	1
	21	241	1011.3	-	7.4	1.1	8.8	84	6.1	0	3	5	16	6	0	0	0	0	0	0	0	4	8	12	6	0	0	9	21	0	5	1	3	4	6	4	5	2
CHANNEL ISLES																																												
Guernsey States Airport H	3	360	1014.2	-	7.2	0.7	9.3	91	5.5	3	3	6	5	13	0	0	1	0	2	0	0	9	5	12	1	0	1	17	12	0	3	4	1	5	7	3	6	1
	9	360	1014.8	-	8.4	0.9	9.7	88	5.4	1	4	8	8	9	0	0	0	1	0	1	0	7	5	15	1	0	4	18	7	1	1	4	0	2	6	6	7	3
	15	360	1014.8	-	10.0	1.7	9.7	79	5.8	0	4	7	10	9	0	0	1	0	1	0	1	6	8	10	3	0	2	20	8	0	0	5	0	6	2	7	7	3
	21	360	1015.5	-	7.9	0.8	9.6	90	4.9	4	4	6	8	7	1	0	0	1	0	0	1	9	8	9	2	0	0	18	10	2	2	4	2	2	5	5	7	1

H *See* Notes on Tables in the Introduction.

TABLE XIII—SOLAR RADIATION AND INTENSITY OF ILLUMINATION April 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination on a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	635	30	73	17	277.6	30	301	25	73	17	180.7	30	701	30	92	17	362.6	30
Eskdalemuir Observatory ...	544	18	47	9	241.9	30	266	30	46	9	172.0	30	626	18	60	9	271.6	30
Cambridge	592	27	50	4	303.3	30	316	26	48	4	200.8	30	-	-	-	-	-	-
Kingsway	630	27	45	4	308.2	30	344	26	45	4	197.6	30	688	27	47	4	326.1	30
Kew Observatory	609	27	46	1	305.7	30	337	26	46	1	185.4	30	693	27	58	1	340.9	30
* Aberporth	617	29	146	19	369.8	30	290	24	115	4	213	30	-	-	-	-	-	-

* Aberporth radiation data for the period March to December 1958 is withdrawn due to instrumental fault.

TABLE VIII—NUMBER OF DAYS IN April 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

Station	Maximum Temperature °C.								Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	0	26	4	0	0	0	0	0	0	0	2	18	10	0	0
Stornoway	0	0	15	15	0	0	0	0	0	0	0	2	13	15	0	0
Craibstone	0	0	13	15	2	0	0	0	0	0	0	2	17	11	0	0
Rothesay	0	0	9	20	1	0	0	0	0	0	0	0	13	17	0	0
Renfrew	0	0	6	22	2	0	0	0	0	0	0	1	15	14	0	0
Eskdalemuir Observatory	0	0	14	14	2	0	0	0	0	0	1	1	21	7	0	0
Douglas	0	0	13	17	0	0	0	0	0	0	0	0	10	20	0	0
Cockle Park	0	0	11	17	2	0	0	0	0	0	0	0	17	13	0	0
Gorleston	0	5	4	19	2	0	0	0	0	0	0	0	10	20	0	0
Cambridge	0	3	2	17	7	1	0	0	0	0	0	2	11	16	1	0

Station	Maximum Temperature °C.								Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	2	7	18	3	0	0	0	0	0	0	0	12	17	1	0
Kew Observatory	0	3	3	18	6	0	0	0	0	0	0	1	8	19	2	0
Hastings	0	2	7	20	1	0	0	0	0	0	0	0	10	20	0	0
Southampton	0	1	3	17	9	0	0	0	0	0	0	1	11	18	0	0
Stonyhurst	0	0	8	19	3	0	0	0	0	0	0	3	12	13	2	0
Bidston	0	0	8	19	3	0	0	0	0	0	0	0	9	20	1	0
Valley	0	0	4	25	1	0	0	0	0	0	0	0	9	21	0	0
Falmouth	0	0	5	25	0	0	0	0	0	0	0	0	13	17	0	0
Aldergrove	0	0	6	21	3	0	0	0	0	0	0	2	14	14	0	0
Armagh	0	0	6	19	5	0	0	0	0	0	0	1	13	16	0	0

TABLE III—ADDITIONS AND CORRECTIONS April 1964

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	Precip'n ·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1963 October	Newry Abbey	9 9	35											4.10	-			20	16											
"	Cambridge (NIAB)	9 9	85																										2.80	83
"	Santon Downham	9 9	80			10.3																								
November	Achany	9 9	280	6.9	1.2	4.1	-	11.1	4,5	-6.7	17,19	6.1	8.3	4.18	104	.66	10	24	20	7	6	0	0	0	0	14	19	0	-	-
"	Glenmore Lodge	9 9	1120	6.8	0.5	3.7	-	11.2	5	-10.0	21	-	-	4.73	-	.72	10	26	21	-	7	-	-	-	1	11	16	-	0.69	- S
"	Aberdeen	9 9	170	8.2	3.9	6.1	+0.4	10.6	2,10,12	-3.3	15,30	-	-	6.05	178	.76	17	23	18						3	6	9		1.41	78 S
"	Kilmarnock	9 9	115	9.1		6.2	0.0																							
"	Belper	9 9	203	10.8	4.1	7.5	+1.0	13.9	5,10,12	-3.3	21	-	-	4.85	165	.55	28	22	21											
"	Lyonshall	9 9	510	10.3	4.5	7.4	-	13.9	18	-1.7	21			6.08	-	.91	18	26	23											
"	Hempsted	9 9	39	11.6	5.6	8.6	-	16.7	10	-1.7	21	10.1	11.7	5.72	-	1.51	17	26	17	0	0	0	0	1	3	1	9	3	1.96	-
"	Sittingbourne	9 9	224											4.99	170	.92	17	21	20										1.97	-
"	Martyr Worthy	9 9	275	11.5		8.5	-							5.45	-			26	20											
"	Chiseldon	9 9	510	10.7	5.0	7.9	-	14.3	10	-1.1	21	-	-	4.97	-	1.28	17	21	20	1	0	0	0	0	1	1	7	2	-	-
"	Spaderoom	9 9	900											9.92	-	1.27	23	28	21											
"	Newton Rigg	9 9	560	9.2	2.2	5.7	+0.1	12.8	7	-3.9	17	6.5	-	6.84	204	1.30	12	25	21	-	0	-	-	-	2	4	11	-	1.19	75 S
"	Urswick	9 9	130											7.18	-	.81	23	27	23											
"	Poulton-le-Fylde	9 9	38											5.50	-	.76	14	28	22											
"	Grizdale	9 9	300	9.8		6.3																								
"	Llandudno	9 9	12	11.5	6.7	9.1	+0.6	14.4	5,10	1.7	16,21	-	-	5.28	185	.71	7	21	17	0	0	0	0	0	0	0	-	2	2.29	124
"	Cardiff	9 9	202	11.7	6.5	9.1	+1.5	14.4	5,10,19	2.2	14,30	10.2	11.9	9.67	220	1.54	17	30	26	0	-	0	0	0	0	0	7	-	2.04	105
"	Usk	9 9	70	11.9	5.3	8.6	-	15.6	10	-2.2	21	9.2	-	10.23	246	2.76	17	27	22	0	0	0	0	1	0	4	11	1	1.81	-
"	Exeter, Southam	9 9	160	13.1	6.3	9.7	-	15.6	10,11	2.2	14,21	-	-	8.57	-	1.89	6	25	24	0	0	0	0	0	2	0	-	0	-	-
"	Gulval	9 9	50											7.29	156	1.34	18	28	20										2.73	115
"	Dovercourt	9 9	11	10.1	5.2	7.7	+0.2																							
"	Isle of Grain	9 9	9																										2.06	
"	Brawdy	9 9	360																										2.04	
"	Cambridge (NIAB)	9 9	85																										1.97	104
"	Lauder	9 9	600																										1.76	
December	Achany	9 9	280	4.9	-0.8	2.1	-	12.2	28	-5.0	10,14,20	2.8	5.7	2.10	50	.49	30	23	10	6	6	1	0	0	1	18	27	0	-	-
"	Kirkcaldy	9 9	137																											
"	Lauder	9 9	600																										1.94	
"	Cambridge (NIAB)	9 9	85											.43	26	.15	25	9	5										1.76	131
"	Askham Bryan	9 9	110	4.9		2.7																								
"	Long Sutton	9 9	512																										-	-
"	Celnes	9 9	200	6.1	-1.2	2.5	-	10.6	2	-11.7	21	-	-	1.85	-	.94	30	7	5	-	-	-	-	-	0	17	19	-	-	-
"	Scilly (St Marys)	21-9	158											2.14		.47	25	11	8											
"	Gulval	9 9	50	8.6		6.1	-1.7	12.8	2									10	9	-	0	-	-	-	0	5	12	-	2.16	125
"	Mickleham	9 9	179											.77	25															
"	Lacock	9 9	160											.76																

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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May 1964 — *Changeable; warm spells.*

Until the 13th weather was of a westerly cyclonic type with a series of troughs and ridges crossing the country. After a mainly anticyclonic spell on the 14th-20th weather again became cyclonic in character over most of the country with south-west to south winds backing to east on the 23rd as depressions to the west of Ireland became slow-moving over the Bay of Biscay and France.

Depressions between Scotland and Iceland during the first five days maintained a westerly airstream over the British Isles; most districts had long sunny periods and scattered showers except on the 2nd when fronts from the Atlantic brought more general rain. Winds backed towards the south early on the 6th as a small depression formed to the west of Ireland; warm-front rain spread from Cornwall over much of the country during the day and the night was very close with rain in most districts. Winds reached gale force in many places on the 7th as the depression deepened and moved north-east near western Scotland. Rain was widespread and heavy at times in the west with scattered thunderstorms in Scotland where falls exceeded 1 inch locally.

An anticyclone covering the Bay of Biscay or western Europe gave mainly dry sunny weather in southern and eastern England by day during the second week although some rain spread over the area at night. Depressions moving north-east near the north of Scotland, however, brought gales with more cloudy showery weather and periods of more continuous rain to the north and north-west. Frontal rain spread from the Atlantic to all districts on the night of the 9th-10th, and after a sunny day the following night was also wet with heavy rain locally in the north-west, as a wave depression moved east across Scotland. The 12th was very warm in southern England with afternoon temperatures exceeding 26°C in places, but further north a deep depression brought renewed rain and gales to western Scotland; gusts of 68 kt were recorded at Benbecula and Duirinish. Cloudy cooler weather spread to southern England also on the 13th.

The weather pattern changed on the 14th as an anticyclone from the south of Ireland slowly drifted across southern England to the continent giving four or five days of fine quiet weather over most of the country with progressively rising day temperatures; 27°C was recorded at some places in southern England on the 17th. Whit Monday (18th) remained generally fine and warm in the south but a thundery trough gave rain and scattered thunderstorms in the north, and rain spread over the whole country during the night persisting in south-east England for much of the following day.

After a generally bright showery day with normal temperature on the 20th, the 21st was dull and wet as a depression moved south-east to the west coast of Ireland and thence to the Bay of Biscay. Widespread overnight rain continued in parts of southern England on the 22nd becoming general again at night.

An easterly airstream became established over the British Isles on the 23rd as pressure rose to the north of Scotland and over Scandinavia. Depressions in the Bay of Biscay and over northern France maintained generally cloudy weather with occasional rain and scattered thunderstorms over southern England until the 25th but it was fine and very warm over most of the remainder of the country away from the east coast. Winds became rather variable on the 26th, and from then until the 28th dry and fine weather with day and night temperatures considerably above the average extended to most of the country, although overnight fog in many southern and eastern districts was slow to clear during the mornings.

Fronts associated with a deepening depression to the west of the British Isles gave a wet day in Cornwall on the 28th but apart from heavy thunderstorms which broke out in London and the Home Counties during the evening it was fine elsewhere. The next day thunderstorms accompanied by torrential rain caused flooding in central and northern England and thundery rain and thunderstorms occurred in many parts of the country during the last two days of the month.

Pressure and Wind — Mean preassure was below the 1921-50 average in the north and above in the south, the deviation at 9 h ranging from −4.1 mb at Stornoway to +1.6 mb at Shoeburyness. Surface winds were predominantly between west and south-west until the 20th except for an interlude of variable winds on the 14th-15th and of southerlies on the 16th-17th. Winds were mainly southerly on the 21st-22nd as well and then easterly or variable until the end of the month. Winds reached gale force on thirteen days in Scotland and on the 1st, 3rd-5th, 7th-12th and 30th (eleven days) in England and Wales. Gales were fairly widespread, especially in the north, on the 7th-9th: a gust of 70 kt was recorded at Edinburgh, Blackford Hill on the 9th.

Temperature — Day temperatures were mostly about average during the first half of the month in Scotland and the first ten days in England and Wales. They were considerably above average during the second half, maxima being 4°-8°C above normal over wide areas on the 12th, 17th and 22nd-30th. Night temperatures were mostly above average except on the 15th when air frost was reported at a few places. In Scotland temperature fell to −2.2°C at Cairngorm (3,600 ft above MSL) on the 14th; at lower levels 0.0 was recorded at Blackbridge on the 2nd and at Fyvie Castle on the 14th.

Rainfall — In Scotland rainfall was more than 150 per cent of the average in the north and north west and more than 200 per cent near the Great Glen, but below the average in the east. In England and Wales amounts exceeded twice the average in parts of Wiltshire, Hampshire and Sussex, but was less than half the average over much of the country east of the Pennines and in the east Midlands.

Snow or sleet was reported on six days in Scotland.

Thunder was heard on fourteen days in Scotland and on the 3rd, 4th, 7th, 8th, 10th, 13th, 17th, 18th and 23rd-31st (seventeen days) in England and Wales. Thunderstorms were widespread and heavy during the last three days of the month.

Sunshine — Sunshine was mostly above average in east and north-east England but below elsewhere. At Tiree it was the dullest May since at least 1927 and at Ross-on-Wye it was the 15th successive month with less than average sunshine.

Fog — Fog was observed in Scotland at one place or another at 9 h on twenty-five days in England and Wales on the 2nd, 6th, 7th, 9th, 11th, 13th, 18th, 20th and 23rd-31st (seventeen days) and was widespread on the 24th and 27th-29th.

Miscellaneous Phenomena — The aurora was reported in Scotland on only one night (1st).

TABLE I—DISTRICT VALUES— May 1964 **(1908, revised 1928, 1941, 1956 and 1964)**

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						*% of Average*	
0 SCOTLAND, N.	24.4	-2.2	+0.5	+1.3	+0.9	-	-	+2	138	75
1 SCOTLAND, E.	23.9	0.0	+1.0	+1.3	+1.1	-	-	-1	57	91
2 ENGLAND, N.E.	25.6	0.0	+2.1	+1.8	+2.0	+1.2	+0.5	-3	43	121
3 ENGLAND, E.	27.2	-0.6	+2.6	+1.9	+2.2	+1.2	+0.3	0	69	110
4 MIDLANDS	26.1	-0.6	+1.9	+1.8	+1.9	+1.4	+0.7	0	74	106
5 ENGLAND, S.E.	26.1	0.0	+1.6	+2.1	+1.8	+1.3	+0.9	+2	140	99
6 SCOTLAND, W.	25.0	-0.3	+0.4	+1.8	+1.1	+1.4	+0.1	+3	131	87
7 ENGLAND, N.W. and N. Wales	26.1	0.0	+1.5	+2.2	+1.8	+1.0	+0.8	+1	108	100
8 ENGLAND, S.W. and S. Wales	26.7	-1.7	+0.8	+1.4	+1.2	+0.9	+0.3	+1	98	87
N. IRELAND	22.8	0.0	+1.1	+1.3	+1.2	-	-	+2	92	88
SCOTLAND	25.0	-2.2	+0.6	+1.5	+1.0	-	-	+1	116	84
ENG. and WALES	27.2	-1.7	+1.7	+1.9	+1.8	-	-	0	95	104
SCC										

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— May 1964 (1914)

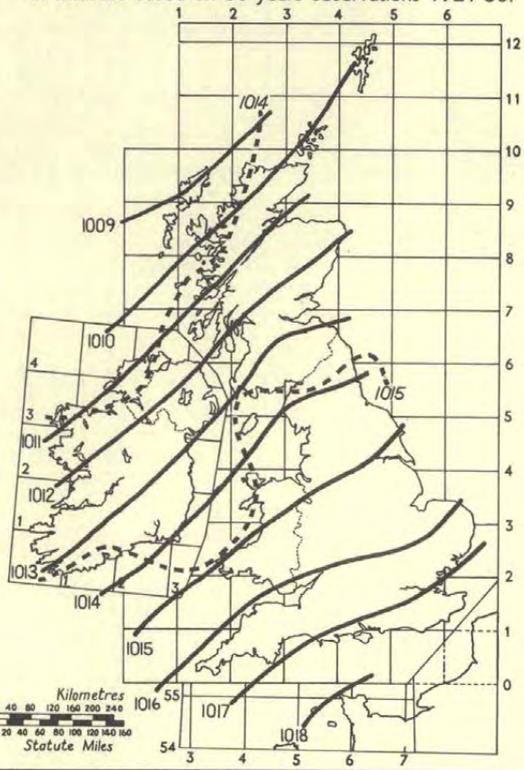
District, County and Place		Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22 to 33 knots: No. of days	Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Speed	Hour ended at		Highest Gust: Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	8,12,13	23	10	77	329	268	47	0	13.0	220	40	13	12	61	8	1130
Orkney	Kirkwall	134	50	33	8	1	6	49	425	222	47	0	12.5	270	36	8	10	51	8	1000
Caithness	Dounreay	110	39	30	-	0	13	107	442	195	0	0	14.4	150	33	18	12	53	12	1800
Sutherland	Shin	78	33	33	12	1	7	34	231	311	167	0	9.3	230	43	12	17	69	12	1620
Ross &	Stornoway (Coastguard)	120	40	36	3,9,10,12,13	28	18	208	287	155	66	0	16.6	180	49	12	15	67	12	1420
Cromarty	Duirinish	125	65	55	8,12	7	11	115	313	228	81	0	12.7	200	42	12	15	68	12	1405
Inverness	Benbecula	69	51	35	3,8,9,12	15	16	180	394	140	15	0	16.5	200	41	12	14	68	12	1250
1 Moray	Lossiemouth	101	80	60																
Aberdeen	Dyce	225	40	40	-	0	5	18	197	285	244	0	7.5	180	28	9	19	41	9	1910
Angus	Auchterhouse ...	827	62	50	-	0	7	32	304	298	110	0	10.4	230	27	8	09	49	8	0750
	Bell Rock Lighthouse	126	131	124	8,9	12	14	118	382	164	68	0	14.6	230	42	8	03	59	8	0630
Perth	Rannoch	1006	56	57	8	1	12	144	274	196	99	30	13.2	260	34	8	06	58	9	1655
Fife	Leuchars	78	40	40	-	0	11	75	297	280	92	0	11.4	250	33	8	08	55	8	0055
Midlothian	Turnhouse	137	40	33	8	2	11	67	372	269	34	0	12.6	220	35	8	02	67	8	0115
	Edinburgh, Blackford Hill	496	50	34	7,8,9,12	13	14	133	281	259	49	9	13.7	190	38	12	13	70	9	1755
6a Argyll	Tiree	89	60	47	3,8,9,12	7	14	177	310	176	74	0	14.6	200	41	12	14	61	12	1250
Bute	Millport	50	34	34																
Renfrew	Paisley	188	81	31	-	0	4	9	224	418	93	0	8.5	170	26	12	12	58	8	0050
	Renfrew	71	41	39	-	0	8	40	399	229	76	0	11.6	230	30	8	01	54	8	0045
Lanark	Lowther Hill ...	2412	43	33	1,7-9,12,14	40	21	258	352	85	9	0	19.4	200	45	9	18	73	8	0030
Ayr	Prestwick Airport ...	68	33	33	-	0	5	22	425	235	62	0	11.5	230	31	7	24	50	8	0005
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	7	30	183	339	192	0	8.2	200	33	9	16	53	9	1430
Wigtown	West Freugh ...	81	33	33	-	0	6	35	319	299	91	0	10.6	210	33	9	16	50	7	2205
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	7,9	6	12	110	371	191	66	0	13.7	200	37	7	20	55	7	2055
	Point of Ayre ...	64	33	33	7	1	10	87	420	216	20	0	13.5	230	34	7	22	52	7	2115
2 Durham	Durham	389	53	33	-	0	6	33	254	346	111	0	9.9	230	30	7	24	53	8	0940
	South Shields ...	73	57	44	-	0	3	10	327	306	101	0	9.8	250	26	8	10	43	8	0740
Lincoln	Cranwell	268	47	47	-	0	9	38	266	365	75	0	10.4	240	31	7	22	52	7	2210
3 Norfolk	Gorleston	45	33	33	*															
Suffolk	Mildenhall	98	83	60	-	0	2	10	219	375	140	0	8.2	240	27	7	23	52	7	2140
Bedford	Bedford	327	42	30	-	0	3	10	309	346	79	0	9.9	210	26	7	21	46	7	2045
	Cardington	226	133	133	-	0	12	61	359	276	48	0	12.1	230	32	7	22	46	7	2050
Hertford	Garston	307	50	33	-	0	0	0	90	512	142	0	6.3	240	17	7	21	38	7	1935
	Rothamsted	461	41	33	-	0	0	0	88	400	234	22	5.8	220	16	7	21	39	7	2150
Essex	Stansted ...	358	31	31	-	0	0	0	252	379	87	26	8.8	(240	21	7	22)	(35	7	2115)
	Coryton	66	57	48																
	Shoeburyness ...	118	106	91	-	0	8	31	363	273	77	0	11.3	190	26	3	06	47	7	2155
4 Yorks, W.R.	Sheffield	533	63	35	-	0	0	0	90	368	286	0	5.6	220	19	7	22	46	7	2120
Warwick	Edgbaston	643	118	73	-	0	0	0	106	495	143	0	6.5	230	20	7	21	41	7	2040
	Elmdon	323	31	31	-	0	4	18	295	356	75	0	10.1	240	28	7	22	52	7	2105
Buckingham	Amersham	500	50	50	-	0	0	0	137	468	139	0	6.9	200	17	7	20	34	7	1815
Stafford	Keele	706	50	33	-	0	0	0	188	395	161	0	7.6	230	20	8	15	45	7	2055
Gloucester	Avonmouth	92	61	33	-	0	7	60	294	212	146	32	10.7	250	32	7	20	49	7	1950
5 London	Kingsway	208	143	41	-	0	0	0	195	479	70	0	8.2	240	19	7	21	42	7	2110
Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	2	265	417	60	0	9.1	220	25	7	20	41	7	2025
	Hampton	139	101	100	-	0	1	2	207	325	210	0	7.2	230	25	7	21	43	7	2020
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	224	367	153	0	7.9	220	21	7	20	42	7	2000
	Gatwick	232	38	33	-	0	1	1	208	388	147	0	7.7	250	24	7	21	43	4	1445
Kent	Isle of Grain ...	48	40	33	-	0	1	1	251	237	253	2	7.2	220	22	7	21	36	7	2040
	Dover	68	38	62	-	0	3	7	174	368	195	0	7.3	060	24	31	16	40	7	2250
Sussex	Thorney Island ...	75	65	42	-	0	1	2	247	345	150	0	8.2	250	24	7	21	46	7	2000
Hampshire	Hurn	86	53	46	-	0	2	3	299	308	134	0	8.9	240	23	7	20	36	7	1905
	Calshot	50	41	33	-	0	4	8	420	273	43	0	11.1	200	25	3	04	33	3	0345
	S. Farnborough ...	318	69	35	-	0	3	6	266	330	142	0	8.9	230	25	7	21	39	7	2045
Berkshire	Abingdon	295	40	40	-	0	3	5	290	257	192	0	8.5	240	25	7	22	39	7	2110
Wiltshire	Larkhill	491	51	36	-	0	0	0	251	352	141	0	8.3	270	21	3	15	44	7	1945
	Boscombe Down ...	425	55	55	-	0	1	1	200	325	218	0	7.2	220	22	9	23	37	7	1755
	Porton	406	44	44	-	0	3	3	219	304	218	0	7.6	210	23	7	19	41	7	1845
7a Cumberland	Carlisle	137	42	30	-	0	8	43	348	266	87	0	11.1	220	29	7	23	51	7	2315
	Sellafield	83	39	35	-	0	4	17	326	344	56	1	10.5	260	32	7	23	47	7	2215
	Spadeadam	959	51	50	-	0	9	64	404	225	51	0	12.6	230	32	8	03	55	7	2320
Westmorland	Great Dun Fell ...	2813	33	33	1,3-12	97	23	272	303	55	17	0	22.2	250	51	7	23	67	7	2155
	Moor House ...	1960	50	45	2,5,9	9	14	180	367	119	69	0	15.7	220	37	9	14	55	9	1350
Lancashire	Squires Gate ...	88	55	35	7,8	8	13	115	418	182	21	0	14.9	240	41	7	23	55	7	2220
	Southport	59	41	33	-	0	5	35	244	307	158	0	9.3	250	32	7	23	47	7	2350
	Fleetwood	112	50	31	-	0	4	13	319	313	95	4	9.9	200	25	7	24	50	7	2305
	Speke	84	41	33	-	0	8	65	390	248	41	0	12.4	230	33	7	23	50	7	2225
	Manchester W/Centre	268	147	55	-	0	1	3	300	376	65	0	9.7	240	23	8	15	56	7	1955
Cheshire	Bidston Observatory	262	64	39	-	0	7	25	352	322	45	0	-	260	27	8	05	55	7	2105
	Ringway	261	33	33	-	0	6	17	321	300	106	0	10.2	210	27	7	20	49	7	2120
7b Anglesey	Valley	86	53	40	7,9	13	15	222	327	155	27	0	17.0	180	38	9	16	56	9	1735
8a Cardigan	Aberporth	483	41	41	-	0	10	105	345	218	76	0	12.9	230	33	7	20	55	7	1825
Pembroke	Brawdy	432	68	45	7	1	9	56	432	218	37	0	13.0	240	35	7	19	60	7	1840
Glamorgan	Port Talbot	91	40	35	-	0	3	12	296	373	63	0	9.9	250	28	7	20	46	7	1905
	Rhoose	257	37	32	7	1	7	53	287	391	12	0	11.3	260	34	7	20	55	7	1915
8b Dorset	Portland Bill ...	190	155	155	3,4,7-9,30	17	23	213	345	142	27	0	17.4	100	43	30	23	55	30	2220
Devon	Plymouth Hoe ...	191	88	65	-	0	4	16	322	281	125	0	9.8	-	26	9	20	37	9	2215
Cornwall	St. Mary's, Scilly ...	230	65	57	7	2	8	59	471	185	27	0	13.5	280	37	7	17	52	7	1625
	The Lizard	315	75	60	7	2	7	51	425	255	10	1	13.2	250	35	7	18	48	7	1625
NORTHERN IRELAND																				
9 Londonderry	Ballykelly	56	50	35	-	0	6	18	255	281	190	0	8.6	260	28	7	22	51	12	1210
Antrim	Aldergrove	263	33	33	-	0	6	33	458	227	26	0	12.5	250	32	7	21	60	9	1435
Fermanagh	Castle Archdale ...	263	43	43	-	0	5	18	285	383	58	0	10.1	270	30	7	20	51	7	1925
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	-	0	1	4	393	319	28	0	11.0	250	26	7	20	42	7	1850

‡ Record ceased ‡ Incomplete record * Defective record

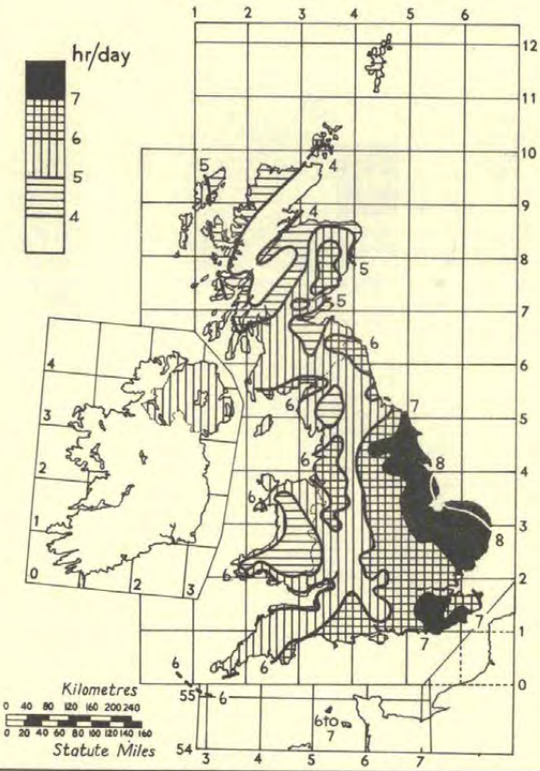
MONTHLY WEATHER CHARTS MAY 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



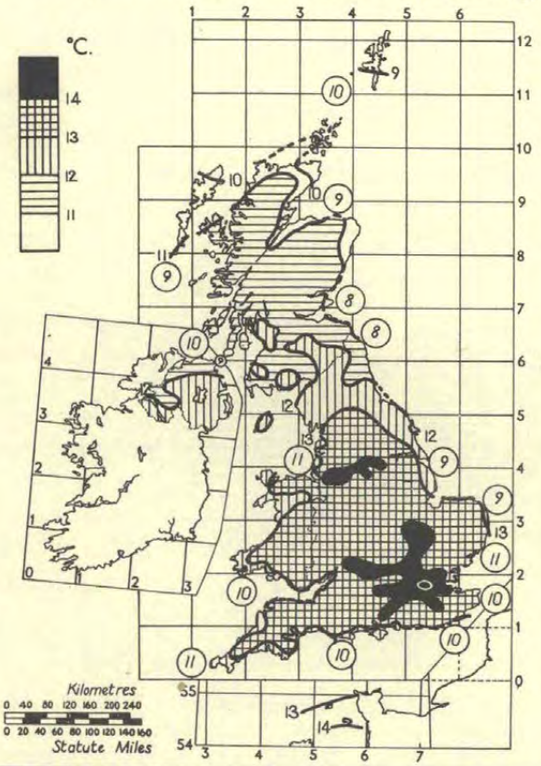
BRIGHT SUNSHINE



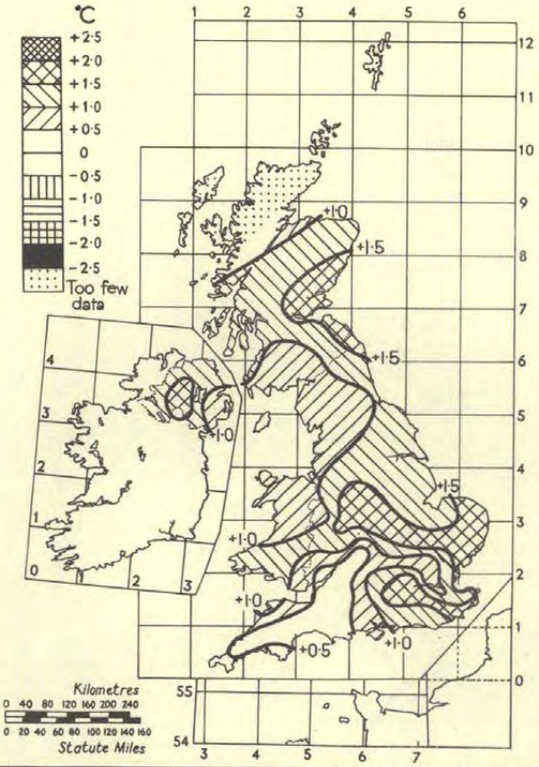
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
MAY 1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

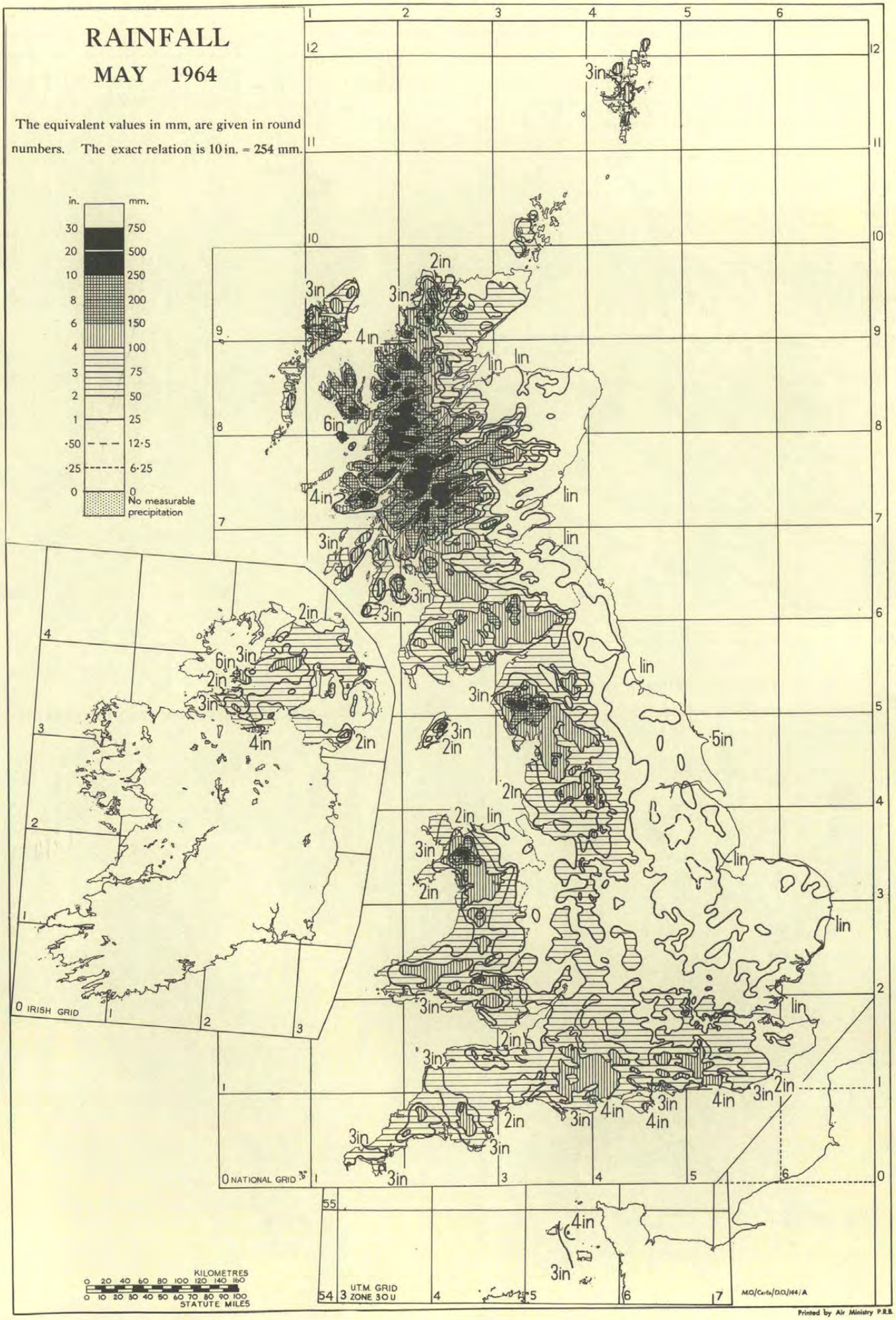


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TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																													
Zetland	Hamnavoe	9 9	70	11.4	7.2	9.3	-	13.3	26,28	4.4	3,6,31	-	-	3.51	-	1.09	7	16	13	0	0	1	0	0	1	0	-	3	6.15	-
	Lerwick Obs'y. ¶§	21-9	269	10.8	6.3	8.5	+0.7	12.9	20	1.3	31	-	-	3.88	168	1.43	7	19	12	1	0	0	1	1	4	0	2	3	4.84	91
	Baltasound	9 9	78	11.5	5.7	8.6	-	14.4	25	3.3	1,31	8.3	-	4.14	173	.90	7	21	15	2	0	0	0	0	0	0	-	3	4.78	-
Orkney	Sule Skerry	9 9	43	10.7	7.5	9.1	-	12.5	21	5.2	5	-	-	2.02	-	.43	16	16	12	0	0	0	0	0	2	0	0	2	-	-
	Stenness	9 9	75	12.9	6.8	9.9	-	16.1	12	2.8	31	9.7	-	2.16	-	.47	7,16	17	11	0	0	0	0	0	0	0	1	2	4.40	-
	Costa	9 9	115																											
	Kirkwall	21-9	84	12.0	7.0	9.5	-	14.5	12	3.9	15	-	-	1.78	92	.37	7	14	10	0	0	1	0	2	0	0	0	1	4.04	72
Caithness	Dounreay	9 9	70	13.0	6.4	9.7	-	16.7	26,29	2.8	31	-	-	1.88	-	.56	7	13	11	0	0	0	0	0	0	0	9	4	-	-
	Wick ¶§	21-9	119	12.0	6.8	9.4	+1.0	16.0	19	2.0	15	-	-	1.61	89	.37	7	13	10	0	0	1	1	1	3	0	4	0	3.69	65
Sutherland	Cape Wrath	21-9	367	11.6	7.0	9.3	+0.7	17.7	21	3.0	8	-	-	2.55	98	.61	16	18	13	0	0	0	0	0	5	0	0	1	-	-
	Achany	9 9	280	14.8	6.7	10.7	-	23.9	29	2.2	10	10.4	7.8	2.55	120	.66	7	20	14	0	0	0	0	0	0	0	10	0	-	-
	Strathy	9 9	120	14.2	6.3	10.3	+1.1	21.1	26	2.2	10	-	-	1.66	76	.41	7	17	10	0	0	0	0	1	0	0	-	0	4.83	91
Ross & Cromarty	Stornoway ¶§	21-9	11	12.8	7.5	10.1	+0.8	17.6	29	3.1	2	-	-	3.02	132	.49	21	20	18	0	0	0	0	0	0	0	1	1	4.88	78
	Balmacara	9 9	2	15.1	8.1	11.6	-	23.9	27,29	5.6	10	-	-	6.73	-	.88	7	22	21	-	0	-	-	-	-	0	-	-	-	-
	Poolewe	9 9	20	14.5	8.0	11.3	-	22.8	28	3.9	2	-	-	6.22	-	1.18	7	17	17	-	-	-	-	-	0	0	0	-	5.47	- S
	Inverpolly	9 9	45	14.9	7.7	11.3	-	21.1	28	5.0	10	10.5	-	3.76	-	.66	7	20	17	0	0	0	0	0	-	0	1	0	4.79	-
	Achnashellach	9 9	220	15.4	7.2	11.3	+1.2	23.3	26,29	2.8	1	-	-	8.24	216	1.62	5	21	19	0	0	0	0	0	0	0	-	0	-	-
	Kinlochewe	9 9	76	15.6	7.4	11.5	-	22.8	29	2.8	2	9.9	-	8.44	-	1.81	7	20	20	1	0	0	0	0	0	0	1	0	3.62	- S
	Blackbridge	9 9	690	14.6	6.3	10.5	-	21.1	28,29	0.0	2	-	-	4.37	-	1.05	5	21	19	-	-	-	-	-	0	0	2	-	4.37	-
	Fortrose ¶§	9 9	15	12.8	8.2	10.5	+0.9	17.2	17	4.4	2	-	-	1.52	79	.30	7	19	13	-	0	-	-	-	0	0	-	-	3.50	63
	Tarbatness	21-9	60	12.6	7.5	10.1	-	16.0	12	5.0	1,14	-	-	1.32	-	.47	7	13	7	0	0	0	0	0	1	0	-	0	-	-
Inverness	Benbecula	21-9	19	13.6	8.0	10.8	+1.0	21.0	27	5.5	26	-	-	3.54	129	.43	11	20	19	0	0	0	2	1	0	0	1	4	5.51	-
	Isle of Rhum	9 9	15	15.0	7.7	11.3	-	23.3	27	4.4	2	12.5	9.6	8.45	-	1.52	7	20	20	0	0	1	0	3	0	0	0	9	-	-
	Prabost	9 9	220	14.0	7.3	10.7	-	22.2	27,28	2.8	8	-	-	6.22	-	1.54	7	21	18	0	0	1	2	1	0	0	0	4	4.56	-
	Duntulm	9 9	294	13.3	7.2	10.3	+0.9	21.7	27	3.9	2,10	-	-	4.26	149	.89	7	20	18	0	0	3	0	0	1	0	0	5	4.67	72
	Onich ¶§	9 9	48	15.3	8.1	11.7	+1.3	23.3	26,27,28	4.4	2	-	-	8.95	220	1.37	5	22	21	0	0	1	0	1	3	0	0	0	4.22	76 S
	Fort William	9 9	27	15.8	8.1	11.9	-	24.4	28	4.4	10	11.3	9.8	6.39	-	1.30	5	21	17	1	0	0	2	1	0	0	0	0	3.80	-
	Fort Augustus	9 9	70	13.7	7.8	10.7	+0.8	19.4	17	5.0	10	-	-	5.79	-	1.41	5	22	19	0	0	0	0	0	1	0	-	0	4.30	-
	Cannich	9 9	350	14.5	6.6	10.5	-	22.8	29	2.8	2,5	-	-	4.21	184	.71	7	21	18	0	0	0	0	0	0	0	3	0	-	-
	Inverness	9 9	13	14.2	7.7	10.9	-	18.9	21	4.4	2	-	-	2.29	-	.71	21	12	8	0	0	0	0	0	1	0	0	0	4.42	-
	Coire Cas Shieling	9 9	2500	10.8	4.7	7.7	-	20.6	29	1.7	1,10,31	-	-	3.21	-	.84	7	18	14	2	0	1	0	0	1	0	-	0	-	-
	Cairngorm	9 9	3575	7.8	2.2	5.0	-	17.2	29	-2.2	14	-	-	4.56	-	-	-	-	-	-	-	-	-	-	-	11	-	-	-	-
	Achnagoichan	9 9	1000	14.7	5.7	10.2	-	23.3	29	2.8	27	9.1	-	2.01	-	.56	5	18	14	0	-	0	0	0	-	0	3	0	-	-
	Glenmore Lodge	9 9	1120	14.7	5.7	10.2	-	23.2	29	0.8	20	-	-	1.64	-	.46	5	18	12	0	0	0	0	0	0	0	5	0	5.50	-
1	SCOTLAND, E.																													
Nairn	Nairn ¶§	9 9	20	14.2	6.8	10.5	+0.7	18.9	21	2.2	10	-	-	1.28	65	.45	7	17	10	0	0	0	0	0	0	0	1	1	4.26	76
Moray	Forres	9 9	155	14.7	5.8	10.3	-	21.7	28	1.7	2	11.2	8.8	1.18	62	.45	7	14	6	0	0	0	0	0	0	0	2	1	4.77	83
	Kinloss	21-9	15	14.6	7.3	10.9	-	19.2	21	3.3	10	10.4	-	1.37	-	.51	7	15	7	0	0	0	0	0	0	0	3	2	4.55	-
	Elgin	9 9	92	15.0	7.4	11.2	-	20.6	28	4.4	2,10	-	-	1.17	-	.44	7	12	8	0	0	0	0	0	0	0	0	0	4.80	-
	Lossiemouth	9 9	21	13.7	7.0	10.3	+0.7	18.9	21	2.2	10	-	-	1.19	-	.47	7	14	5	0	0	0	0	0	1	0	3	2	-	-
	Gordon Castle	9 9	104	15.5	7.3	11.4	+1.3	20.0	26,28,29	3.9	10	-	-	.97	46	.36	7	11	6	0	0	0	0	0	-	0	-	0	5.11	90
Banff	Banff	9 9	80	14.9	7.3	11.1	-	17.8	12	3.9	10	-	-	.61	-	.28	7	7	2	0	0	0	0	1	3	0	-	0	4.18	-
Aberdeen	Braemar	9 9	1113	14.1	4.8	9.5	+1.2	21.7	29	1.7	20,26,28	-	-	2.21	85	.55	7	20	14	-	0	-	-	-	0	0	-	-	5.45	- S
	Balmoral	9 9	927	14.5	4.5	9.5	+1.2	22.8	29	0.6	3,20,28	-	-	1.54	63	.43	7	17	11	0	0	0	0	0	-	0	6	0	-	-
	Dinnet	9 9	580	15.6	5.9	10.7	-	23.9	29	2.8	2,20,27	10.6	-	1.09	-	.34	7	14	5	-	0	-	-	-	0	0	6	-	6.02	-
	Huntly	9 9	405	15.6	6.3	10.9	-	23.2	29	2.4	20	-	-	1.03	-	.40	7	15	7	0	0	0	0	0	1	0	0	0	-	-
	Fyvie Castle	9 9	218	15.2	5.6	10.4	-	21.7	29	0.0	14	-	-	1.14	-	.24	16	11	8	0	0	0	0	0	-	0	-	0	5.66	-
	Craibstone ¶§	9 9	300	14.3	6.1	10.2	+1.3	20.0	29	3.3	2,10,26	10.3	8.1	1.59	59	.39	21	15	8	0	0	1	0	0	2	0	0	2	5.57	95
	Dyce	21-9	190	14.8	6.2	10.5	+1.5	20.8	29	2.1	5	-	-	1.48	53	.37	21	10	8	0	0	0	0	0	3	0	4	0	5.51	-
	Aberdeen	9 9	170	14.2	6.7	10.5	+1.3	18.3	29	2.8	14	-	-	1.54	59	.36	7	11	6	0	0	0	0	0	1	0	2	0	5.82	102
	Hilton	9 9	230	14.3	6.8	10.5	-	18.3	29	3.9	14	11.3	-	1.63	-	.40	7	10	8	0	0	1	0	0	2	0	0	0	-	-
	Udny	9 9	352	14.2	6.1	10.1	-	17.8	17,29	2.8	10	-	-	1.60	-	.34	18	14	8	0	0	0	0	0	3	0	0	0	5.78	-
	Rattray Head	21-9	85	12.7	7.2	9.9	+1.2	16.2	29	3.4	14	-	-	1.18	60	.25	16	17	7	0	0	0	0	0	7	0	-	0	4.66	-
Kincardine	Fettercairn	9 9	560	14.5	6.0	10.3	-	18.9	27	2.2	2,14	-	-	1.86	-	.64	21	13	10	0	0	0	0	0	3	0	7	1	5.85	-
	Strachan	9 9	395	15.4	5.6	10.5	-	21.7	29	1.1	26	9.2	-	1.61	-	.40	18	11	7	0	0	0	0	0	1	0	7	0	6.49	-
	Stonehaven	9 9	12	14.2	6.3	10.3	+1.2	18.3	11	1.7	5	-	-	1.67	70	.49	18	11	8	0	0	0	0	0	6	0	-	0	5.39	95
	Muchalls	9 9	210	13.9	6.2	10.1	-	17.2	11,16	2.2	2	-	-	1.54	-	.40	18	9	8	0	0	0	0	0	5	0	3	0	-	-
Angus	Mylnefield	9 9	100	14.9	7.4	11.1	-	19.4	17	3.9	20	11.3	8.5	1.44	-	.43	21	13	9	0	0	1	0	0	0	0	1	0	6.16	-
	Auchterhouse	9 9	760	14.2	5.5	9.9	-	19.4	26	1.7	5	9.3	7.4	1.91	-	.43	21	17	11	0	0	0	0	1	2	0	9	1	5.96	-
	Dundee ¶	9 9	147	15.4	7.7	11.5	+1.4	19.4	17,30	4.4	2	12.8	-	1.46	56	.35	21	14	11	0	0	0	0	0	-	0	1	1	5.25	-
	Glamis Castle	9 9	200	15.3	6.2	10.7	-	20.6	29	2.2	26	-	-	1.58	-	.40	18	16	11	0	0	1	0	0	1	0	6	0	-	-
	Whitehillocks	9 9	845	15.0	5.3	10.1	-	20.0	29	0.6	2	-	-	2.24	-	.69	7	16	10	0	0	0	0	0	1	0	2	0	-	- S
	Buddon Ness	9 9	15	14.2	6.4	10.3	+1.4	17.8	17	1.1	27	-	-	.98	43	.32	18	16	6	0	-	0	0	0	2	0	-	1	-	-
	Carnoustie	9 9	29	14.5	7.3	10.9	-	17.8	17,26	3.3	2	12.5	-	1.06	44	.35	18	15	8	0	0	0	0	0	1	0	0	0	5.87	-
	Arbroath §	9 9	95	13.9	7.0	10.5	+1.0	18.3	26	2.2	1	-	-	1.00	47	.33	18	14	8	0	0	0	0	0	4	0	0	0	5.98	93
	Montrose	9 9	186	14.9	6.7	10.8	-	18.3	17	3.3	1	-	-	1.68	74	.61	18	12	7	0	0	0	0	0	3	0	4	0	-	-
Perth	Dall	9 9	720	14.5	6.1	10.3	-	23.3	29	3.3	10,26	-	-	4.33	-	.70	5	16	16	0	0	0	0	1	0	0	0	0	-	-
	Strathyre	9 9	425	14.6	6.9	10.7	-	21.7	29	2.2	2	11.2	8.9	7.87	-	1.19	7	19	19	0	0	0	0	0	0	0	0	0	-	-
	Callander	9 9	230	15.5	7.5	11.5	-	22.8	29	2.2	2	-	-	6.09	-	.82	7	16	16	-	0	-	-	-	0	0	0	-	-	-
	Ardtalnaig	9 9	427	15.2	7.1	11.1	-	23.9	29	4.4	10	-	-	4.41	-	.82	5	16	14	0	0	0	0	0	1	0	0	0	-	-
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	2.75	-	1.02	6	14	12	-	-	-	-	-	-	-	-	-	5.94	-
	Pitlochry	9 9	473	15.1	6.3	10.7	-	21.7	29	2.2	10	-	-	2.12	-	.40	9	16	13	0	0	0	0	0	0	0	0	0	5.52	-
	Faskally	9 9	310	15.5	6.7	11.1	-	21.7	29	3.3	5,10	11.6	8.9	2.04	-	.40	7	18	11	0	0	0	0	1	0	0	2	0	-	-
	Dunning	9 9	250	15.1	7.2	11.1	-	21.1	29	2.8	2	-	-	1.91	-	.34	7,18	17	13	-	-	-	-	-	0	0	3	-	6.35	-
	Perth	9 9	77	15.3	7.9	11.6	+1.0	21.7	29	4.4	26	-	-	1.49	65	.36	18	17	11	0	0	0	0	0	0	0	0	0	5.85	101
	Inveralmond	9 9	26	15.8	7.4	11.6	-	21.7	29	3.3	26	-	-	1.63	-	.37	18	16	10	0	0	0	0	0	-	0	0	0	-	-
	Blairgowrie	9 9	230	15.4	6.8	11.1	-	21.1	30	2.8	2	11.5	-	1.73	-	.48	21	13	12	0	-	0	0	0	-	0	4	0	5.84	-
	Glenshee Lodge	9 9	1100	13.4	4.8	9.1	-	21.1	29	1.1	20	9.7	-	3.67	-	.88	7	22	15	0	0	0	2	1	0	0	3	0	-	-
Fife	Pitreavie	9 9	130	14.7	7.7	11.2	-	20.0	17	3.8	2	-	-	1.13	-	.33	18	14	10	0	0	1	0	1	0	0	0	0	-	-
	Ballingry	9 9	425	14.4	6.9	10.7	-	18.9	17	3.3	8	10.1	7.6	1.94	-	.45	18	14	11	0	0	0	1	0	0	0	1	1	5.25	-
	Kirkcaldy	9 9	137	14.3	7.8	11.1	+1.1	18.9	17	3.3	2	-	-	1.75	72	.40	18	13	10	0	0	0	0	0	0	0	0	1	4.37	-
	Cupar	9 9	82	14.8	7.3	11.1	-	17.8	17	3.9	2	10.9	-	.98	-	.35	18	8	6	0	0	0	0	0	0	0	1	0	-	-
	Leuchars	21-9	35	14.3	6.9	10.6	+0.8	19.5	17	3.3	2	-	-	.85	39	.24	18	12	6	0	0	0	0	0	2	0	1	1	5.24	84
	St. Andrews	9 9	13	14.1	7.6	10.9	+1.3	18.3	17	3.9	2	11.2	9.1	.74	32	.26	18	12	6	-	0	-	-	-	0	0	0	-	4.83	79

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	14.4	6.5	10.5	-	19.4	17	3.3	3,27	-	-	2.20	-	.40	7	14	11	-	-	-	-	-	12	0	0	-	4.57	77
	Turnhouse ...	21-9	114	14.5	7.8	11.1	+1.2	19.5	17	4.1	8	-	-	1.65	76	.31	21	15	10	1	0	0	0	1	0	0	0	2	4.55	-
	Edinburgh—E. Craigs	9 9	200	14.2	7.8	11.0	-	19.4	17	4.4	2,8	-	-	1.68	-	.36	7	17	10	0	0	0	0	0	1	0	0	0	4.38	-
	Davidson's Mains	9 9	200	14.3	7.7	11.0	+0.8	18.9	17	4.4	2,8	11.0	-	1.79	-	.30	18	17	11	0	0	0	0	1	2	0	0	1	4.25	- S
	Penicuik	9 9	620	14.3	6.6	10.5	-	21.7	17	2.8	2	11.1	-	2.04	-	.57	7	18	12	0	0	1	0	1	7	0	0	2	4.45	-
	Bush House ...	9 9	605	13.7	6.7	10.2	-	19.4	17	3.3	2,8	10.7	8.2	2.02	-	.56	7	17	11	0	0	0	0	1	3	0	0	0	4.99	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	14.3	7.6	10.9	+1.0	19.4	17	3.9	8	-	-	1.32	60	.28	5	15	7	0	0	0	0	0	6	0	0	5	4.70	80
	Liberton ...	9 9	200	14.5	7.9	11.2	+1.1	20.6	17	4.4	8	-	-	1.87	-	(.39)	7	12	9	-	0	-	-	-	2	0	0	0	4.76	-
	Royal Bot. Gdns.	9 9	74	14.4	7.8	11.1	+0.8	18.9	16	4.4	8	12.1	-	1.40	-	.26	18,21	16	9	0	0	0	1	1	3	0	0	0	4.47	76
E. Lothian	Haddington ...	9 9	162	14.9	8.1	11.5	-	20.0	17,29	3.3	2	-	-	.68	-	.22	21	11	7	0	0	0	0	1	1	0	0	1	5.14	-
	North Berwick ...	9 9	152	14.5	8.3	11.4	+1.5	18.9	17	5.0	14	-	-	1.13	54	.22	18	14	7	-	0	-	-	-	6	0	-	-	4.08	70
	Dunbar ...	9 9	75	13.9	7.7	10.8	+1.2	17.2	11	5.0	2	-	-	1.07	-	.46	21	11	4	0	0	0	0	0	0	0	0	0	5.47	89
Berwick	Mertoun ...	9 9	225	15.7	6.6	11.1	-	23.9	29	2.2	2	-	-	1.21	-	.27	7	14	10	-	-	-	-	-	-	0	2	-	6.08	-
	Lauder	9 9	600	15.5	5.8	10.7	-	22.8	29	1.7	2	-	-	1.15	-	.35	18	13	7	0	0	0	0	1	0	0	6	0	6.19	-
	Marchmont ¶§	9 9	498	15.3	6.5	10.9	+1.2	21.7	17	2.2	2,25	-	-	.97	44	.39	18	12	7	0	0	0	0	0	0	0	-	0	6.16	111 S
	Whitchester ...	9 9	838	14.3	5.9	10.1	-	19.4	17,29,30	1.1	2	-	-	1.19	-	.38	18	16	8	1	-	1	0	0	-	0	-	1	-	-
	St. Abb's Head ...	9 9	245	13.7	7.6	10.7	-	18.7	12	4.6	2	-	-	-	-	-	-	-	-	0	0	0	0	0	4	0	0	1	-	-
Peebles	Stanhope Farm	9 9	741	15.1	6.8	10.9	-	21.1	17,28,29	1.1	26	-	-	3.56	-	.93	7	19	16	0	0	0	0	3	0	0	1	0	-	-
	Blyth Bridge ...	9 9	830	13.9	6.3	10.1	-	21.1	17	2.8	2	-	-	2.39	-	.50	7	18	14	0	0	0	0	2	0	0	1	1	4.99	-
	West Linton ...	9 9	800	14.0	6.1	10.1	-	21.1	17,19	2.8	2	10.4	8.1	2.28	-	.38	18	20	14	0	0	1	0	0	4	0	0	0	-	-
	Glentress ...	9 9	580	15.8	6.6	11.2	-	22.8	29	1.7	2	-	-	1.57	-	.47	18	15	10	0	0	0	0	2	0	0	-	0	-	-
Selkirk	Bowhill ...	9 9	600	15.5	6.3	10.9	-	22.8	29	1.7	2	-	-	1.70	-	.46	18	14	9	0	0	0	0	3	0	0	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	15.4	6.5	10.9	-	23.9	29	2.2	26	-	-	3.97	-	1.80	30	15	11	-	0	-	-	-	0	0	-	-	-	-
	Sourhope ...	9 9	900	14.7	5.8	10.3	-	22.2	29	0.6	20	-	-	1.26	-	.28	18	13	9	-	0	-	-	-	0	0	3	-	5.99	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	13.7	8.3	11.0	+0.9	20.1	27	3.5	2	-	-	3.43	135	.75	7	19	18	0	0	0	1	2	1	0	1	1	5.56	74
	Rhuvaal	21-9	65	14.4	8.4	11.4	-	21.5	28	3.9	2	-	-	3.48	-	.83	7	19	17	0	0	0	0	1	1	0	0	1	-	-
	Colonsay ...	9 9	87	15.1	7.7	11.4	+1.1	23.3	29	4.4	2	-	-	3.55	119	.88	7	21	16	0	-	0	0	2	0	0	-	1	-	-
	Tobermory ...	9 9	270	14.4	7.8	11.1	-	22.2	28	4.4	2	-	-	5.80	-	1.08	6	20	18	-	-	-	-	-	-	0	0	-	-	-
	Craighouse ...	9 9	10	15.4	8.4	11.9	-	21.7	27,29	4.4	2	-	-	4.66	-	1.20	7	22	16	-	0	-	-	-	0	0	1	-	-	-
	Campbeltown ...	9 9	10	14.2	-	-	-	22.2	26	-	-	-	-	2.83	-	.46	7	19	15	0	0	0	0	0	13	-	-	0	5.88	-
	Achaglachgach ...	9 9	40	15.4	7.8	11.6	-	22.2	27	2.2	2	-	-	3.29	-	.45	7	19	17	0	-	0	0	0	0	0	1	0	-	-
	Oban	9 9	229																											
	Lephinmore ...	9 9	30	15.4	8.5	11.9	-	21.7	26,27,28	4.4	2	-	-	4.19	-	.66	7	20	18	0	0	0	0	2	0	0	1	0	4.15	-
	Glenbranter ...	9 9	120	15.4	7.5	11.5	+1.3	22.2	29	3.3	2	-	-	6.71	137	.66	7	21	20	-	0	-	-	-	0	0	0	-	-	-
	Benmore Forestry Sch.	9 9	46	15.4	7.2	11.3	+1.0	22.8	27,29	2.2	2	11.4	9.4	6.32	131	.97	7	19	19	0	0	0	0	2	0	0	0	0	-	- S
	Younger Bot. Gdns.	9 9	40	15.3	8.2	11.7	-	23.3	29	3.9	2	-	-	6.46	-	1.00	7	21	20	0	0	0	0	0	0	0	0	0	-	-
Bute	Rothesay ¶§	9 9	150	14.6	8.6	11.6	+1.0	20.0	25,26,29	5.6	8	10.9	9.2	3.27	94	.51	7	21	16	0	0	0	0	1	0	0	0	0	5.25	82
	Millport ...	9 9	16	14.5	9.1	11.8	-	20.6	25	5.0	1	-	-	3.61	126	.58	7	20	18	0	0	1	0	0	0	0	-	0	-	-
Dunbarton	Helensburgh ...	9 9	293	15.2	7.8	11.5	+1.2	21.7	26,29	3.9	2	-	-	4.79	135	.90	21	20	18	0	0	0	0	0	0	0	-	0	-	-
	Cumbernauld ...	9 9	310	15.0	7.5	11.3	-	20.6	29	3.3	2	-	-	3.30	-	.49	18	17	16	0	0	0	0	0	1	0	0	0	-	-
Stirling	Earls Hill ...	9 9	1100	12.7	6.3	9.5	-	18.5	29	2.5	2	-	-	5.00	-	.71	7	18	17	-	-	-	-	-	5	0	1	-	5.07	-
	Stirling	9 9	151	15.5	8.2	11.9	+1.0	20.6	17,26,29	4.4	2	13.3	8.7	2.82	108	.40	18	18	16	0	0	0	0	0	0	0	0	0	5.62	-
	Falkirk	9 9	100	15.5	7.6	11.5	+0.8	20.0	17	(3.9)	2	-	-	2.38	-	.53	18	16	13	-	-	-	-	-	-	0	-	-	-	-
Renfrew	Greenock ...	9 9	200	15.3	8.4	11.9	+0.9	21.1	26,29	5.0	2	-	-	5.02	140	.90	29	18	18	0	0	0	0	1	0	0	0	0	5.23	-
	Paisley	9 9	106	15.9	8.7	12.3	+1.0	22.8	29	5.0	8	12.6	9.1	3.38	121	.68	7	21	17	1	0	0	0	1	0	0	0	2	5.41	93
	Barrhead ...	9 9	97	15.3	7.9	11.6	-	21.1	17,29	3.3	26	-	-	4.20	-	.90	7	20	17	0	0	1	0	1	0	0	0	0	-	-
	Renfrew ¶§	21-9	26	15.9	8.2	12.1	+1.4	22.7	29	3.8	2	-	-	2.90	110	.51	7	21	18	0	0	2	0	1	0	0	1	0	5.40	90
Lanark	Crossmyloof ...	9 9	75	15.8	8.3	12.1	-	22.2	29	5.0	2	-	-	2.74	-	.63	7	19	14	0	0	0	1	2	0	0	0	0	5.31	-
	Thorntonhall ...	9 9	453	14.7	7.1	10.9	-	21.1	17	3.9	2,8	-	-	3.82	-	.96	7	19	15	0	0	0	0	0	-	0	2	0	-	-
	Glasgow, Springburn	9 9	351	15.2	7.7	11.5	+0.9	20.6	17,25,29	4.4	2,8	-	-	3.03	112	.42	21	20	17	0	0	1	0	1	0	0	0	2	5.14	90
	Coatbridge ...	9 9	256	15.1	7.6	11.3	-	22.2	17	4.4	2,8	-	-	2.43	-	.41	7	19	15	0	0	0	0	0	0	0	-	0	-	-
	Happendon Station	21-9	675	14.6	6.0	10.3	-	20.4	28	0.8	26	10.5	-	4.34	-	.84	7	18	15	0	0	1	0	4	0	0	0	2	5.55	-
	Lowther Hill ...	21-9	2377	10.4	3.9	7.1	-	19.0	28	-0.3	8	-	-	-	-	-	-	-	-	4	-	0	0	1	13	1	-	8	4.78	-
	Leadhills ...	9 9	1270	13.9	5.8	9.9	-	21.1	17,27,28	1.7	2,20,26	-	-	5.02	-	1.21	7	19	17	0	0	0	0	2	0	0	0	1	-	-
	Carnwath ...	9 9	706	14.6	6.4	10.5	-	21.7	29	2.2	25	-	-	2.55	-	.60	18	18	11	0	0	1	0	3	0	0	3	1	-	-
	Camps Reservoir	9 9	969	13.9	5.4	9.7	-	20.6	28	0.6	25	-	-	3.67	-	.86	7	19	18	0	0	0	0	4	1	0	-	0	-	-
Ayr	Turnberry ...	9 9	25	15.6	7.2	11.4	+0.8	22.8	26,27	5.0	3,5,26	-	-	2.37	-	.36	11	19	16	0	0	0	0	1	0	0	-	0	6.44	-
	Largs	9 9	20	15.5	9.2	12.3	+1.1	22.8	27,29	5.0	2	-	-	3.38	-	.71	7	20	19	0	0	0	0	0	0	0	0	0	5.14	-
	Barr	9 9	400	16.4	6.7	11.5	-	25.0	28	3.3	2,13,15	-	-	4.04	-	.66	30	19	19	0	0	0	0	1	0	0	-	0	-	-
	Auchincruive ...	9 9	147	15.8	7.9	11.9	+1.4	23.9	28	5.0	2,8,10	11.1	8.9	2.60	103	.55	7	18	14	1	0	1	0	1	0	0	2	1	5.75	90
	Prestwick Airport	21-9	51	16.0	8.2	12.1	-	24.5	28	5.4	10	-	-	2.63	112	.48	7	18	14	0	0	1	0	1	0	0	0	0	6.03	-
	Kilmarnock ...	9 9	115	15.8	7.9	11.9	+1.1	22.2	29	5.0	2,8	12.4	9.1	4.09	-	.68	29	18	0	0	0	0	0	0	0	0	0	0	5.61	86 S
Dumfries	Dalmacallan ...	9 9	480	14.8	6.6	10.7	-	21.7	28	2.8	2	-	-	4.63	-	.86	7	17	17	0	0	0	0	5	0	0	1	0	-	-
	Dumfries ¶§	9 9	140	15.2	7.8	11.5	+1.0	22.2	28	4.4	13	11.2	9.3	4.47	163	1.56	29	17	13	0	-	0	0	2	0	0	0	0	6.01	99
	Eskdalemuir Obs'y. ¶§	21-9	794	14.6	6.0	10.3	+1.1	22.1	28	0.7	2	9.9	7.7	5.78	153	.90	7	19	16	0	0	5	0	4	0	0	3	1	5.09	91
Kirkcudbright	Bargrennan ...	9 9	360	16.1	6.8	11.5	-	23.3	27	2.2	1,5,15	-	-	4.09	-	.63	10	21	15	0	0	0	0	1	0	0	5	0	-	-
	Palnure	9 9	50	15.8	7.1	11.5	-	23.9	27	2.2	5	-	-	3.54	-	.67	10	17	16	0	0	0	0	0	0	0	0	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	5.35	-	.77	10	19	19	-	-	-	-	-	-	-	-	-	5.74	-
	Glenlee	9 9	181	15.9	6.9	11.4	+1.1	23.3	28	3.3	2	-	-	4.42	-	.71	10	19	18	0	0	0	0	0	0	0	0	0	-	-
	Dundeugh ...	9 9	390	15.3	5.9	10.6	-	23.3	27	2.2	2	9.6	-	4.77	-	.66	7,10	21	18	0	0	0	0	1	0	0	-	0	-	-
	Glenlochar Barrage	9 9	154	15.7	7.7	11.7	-	23.3	28	4.4	1,2	-	-	3.66	-	.59	10	18	16	-	0	-	-	-	0	0	-	-	-	-
	Threave ...	9 9	240	15.6	7.7	11.7	-	23.9	28	5.0	1,8,14	-	-	3.18	-	.55	10	16	15	0	0	0	0	2	0	0	0	0	-	-
	Castle Douglas ...	9 9	196	15.6	8.3	11.9	-	23.3	28	5.0	17	10.9	-	3.72	-	.88	29	16	15	-	0	-	-	-	0	0	0	0	6.26	-
Wigtown	West Freugh ...	21-9	50	15.1	7.9	11.5	-	21.6	27	4.6	1	-	-	2.12	84	.37	10	16	14	-	-	-	-	-	0	0	-	-	5.91	-
	Penwhirn ...	9 9	546	14.7	6.9	10.8	-	22.2	26,27	3.9	1,15	-	-	3.78	-	.73	10	17	15	0	0	0	0	0	2	0	0	0	4.65	-
	Mull of Galloway	21-9	257	13.6	8.3	10.9	-	21.1	25	4.9	3	-	-	-	-	-	-	-	-	0	0	0	0	0	3	0	-	5	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	14.5	8.3	11.4	-	21.4	26	3.7	15	-	-	1.94	89	.54	10	17	10	0	0	0	0	0	1	0	0	2	5.64	-
	Douglas	9 9	284	14.4	8.6	11.5	+1.1	21.7	26	5.6	1,10	-	-	3.22	111	.93	10	14	12	0	0	0	0	0	3	0	0	0	5.74	80
	Point of Ayre ...	21-9	30																											
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	15.3			-	22.8	17	0.6	2	11.4	-	3.61	121	1.11	7	16	13	0	0	0	0	2	1	0	6	0	-	-
	Bellingham ...	9 9	849																											

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270																											
	Corbridge ...	9 9	160	16.6	6.5	11.5	-	23.3	17	0.6	2	-	-	.75	-	.24	31	9	6	0	0	0	0	1	1	0	1	0	-	-
	Berwick-on-Tweed	9 9	76	14.0	7.6	10.8	+1.5	19.4	12	3.9	2	-	-	.71	41	.35	18	10	6	0	0	1	0	0	4	0	0	2	5.82	99
	Cockle Park ¶§	9 9	326	15.3	7.1	11.2	+1.8	21.1	17	2.8	2	-	-	.98	45	.28	31	10	7	0	0	0	1	0	1	0	2	1	6.43	114
	Acklington ...	21-9	138	15.6	7.1	11.3	-	21.2	17	1.4	2	-	-	.78	-	.24	31	9	7	0	0	0	0	2	0	0	3	1	7.00	-
	Tynemouth ...	21-9	95	14.5	8.6	11.5	+1.8	20.8	12	5.6	2	-	-	.74	37	.22	31	11	7	0	0	0	0	1	5	0	0	0	5.48	99
Durham	Chopwellwood ...	9 9	446	16.5	6.9	11.7	+1.7	22.8	17	0.0	2	-	-	.91	42	.42	31	11	5	0	0	0	0	0	1	0	4	0	-	-
	Ushaw College ...	9 9	594	16.1	7.3	11.7	+1.8	21.7	17	3.9	1,2	-	-	1.17	53	.40	31	10	6	0	0	0	0	0	9	0	-	1	-	-
	Houghall ...	9 9	123	17.2	7.0	12.1	+2.0	22.8	17	2.2	1	-	-	1.00	47	.34	31	11	7	0	0	0	0	1	1	0	2	0	6.73	124
	Durham ¶§	9 9	336	16.7	7.4	12.1	+2.0	22.2	17	3.9	1	11.7	9.1	.97	48	.36	31	10	7	-	0	-	-	-	-	0	0	-	6.85	126
	Gateshead ...	9 9	509	15.8	8.1	11.9	-	22.8	17	5.0	1,2	-	-	1.02	-	.31	31	9	6	-	0	-	-	-	0	0	0	-	6.34	-
	Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	West Hartlepool	9 9	30	15.7	8.6	12.1	-	21.7	12	5.0	1,5	-	-	.89	-	.29	31	10	6	0	0	0	0	1	2	0	0	1	5.10	-
Yorks., N. Riding	Dishforth ...	21-9	105	18.1	8.5	13.3	-	23.8	29	4.8	15	-	-	.68	35	.11	2	14	7	0	0	0	0	2	0	0	0	0	6.79	-
	Thirsk	9 9	111	17.9	7.8	12.9	-	23.3	17	2.2	15	-	-	.75	-	.16	7	16	7	0	0	0	0	2	0	0	5	0	-	-
	York ... ¶§	9 9	57	18.4	8.8	13.6	+2.0	24.4	17	5.6	15	12.9	10.2	.82	42	.19	21	15	8	0	0	0	0	1	0	0	-	0	7.06	117
	Ampleforth ...	9 9	313	17.0	7.5	12.3	+1.8	21.7	12,17	3.3	1,5,15	-	-	.80	37	.20	21	13	8	0	-	0	0	0	0	0	3	0	-	-
	Redcar	9 9	25	15.7	8.8	12.3	-	22.2	12	6.1	1,5,15	-	-	.78	43	.28	7	13	5	-	0	-	-	-	2	0	-	-	5.17	-
	Pickering ...	9 9	143	17.7	7.0	12.3	-	23.9	17	1.1	15	-	-	.76	-	.22	21	11	7	0	0	1	0	2	0	0	3	0	-	-
	Whitby	9 9	135	16.2	8.3	12.3	-	23.3	12	4.4	1	-	-							0	0	0	0	0	2	0	-	0	7.09	125
	Scarborough ¶§	9 9	118	16.6	8.9	12.7	+2.1	23.3	12	5.6	1,5	12.8	10.7	.86	47	.21	2	11	7	0	0	0	0	0	0	0	0	1	7.42	129
	Silpho Moor ...	9 9	665	16.2	6.6	11.4	-	22.2	12,17	3.3	1,16	10.3	-	1.00	-	.24	2	12	8	0	0	0	0	0	0	0	1	0	7.21	-
	Whitby C/Guard	21-9	200	14.9	8.0	11.5	-	22.5	12	5.0	1	-	-	.50	-	.17	21	8	4	0	0	0	0	2	3	0	0	1	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	15.9	7.1	11.5	-	21.1	12,17	2.8	15	10.9	-	1.14	50	.24	2	12	10	0	0	0	0	0	0	0	1	0	7.34	-
	Hull	9 9	8	17.9	8.9	13.4	+2.0	24.4	12	5.6	8,15	12.5	8.7	.88	45	.26	2	12	7	0	0	0	0	0	0	0	0	1	7.06	125
	Leconfield ...	21-9	24	17.5	8.2	12.9	-	23.1	12	3.6	16	-	-	.74	-	.23	2	12	9	0	0	0	1	0	0	0	0	0	7.18	-
	Filey	9 9	122	15.3	7.8	11.5	-	22.8	12	2.8	15	-	-	.49	-	.21	2	10	4	0	0	0	0	0	1	0	0	0	7.00	-
	Bridlington ...	9 9	157	16.0	7.4	11.7	-	23.3	12	2.8	15	-	-	.71	-	.21	2	13	6	0	0	0	0	0	0	0	0	5	7.35	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110																											
	Navenby ...	9 9	60	18.9	7.6	13.3	-	24.4	12	1.7	15	-	-	.62	-	.15	1	10	7	0	0	0	0	0	0	0	2	0	-	-
	Waddington ...	21-9	224	18.3	8.2	13.3	+2.1	24.3	12	4.5	16	-	-	.47	-	.13	1	9	4	0	0	0	0	0	0	0	0	0	7.36	-
	Lincoln	9 9	22	19.4	7.7	13.5	-	24.4	2,17,30	0.6	15	11.8	9.6	.48	-	.10	2	14	5	0	0	0	0	0	0	0	5	1	6.85	-
	Cranwell ¶§	9 9	205	18.3	7.9	13.1	+2.0	24.7	12	4.1	15	13.0	10.2	.65	33	.24	2	12	4	0	0	0	0	1	0	0	0	1	7.50	121 $
	Binbrook ...	21-9	353	16.8	8.1	12.5	-	23.9	12	4.1	5	-	-	1.05	-	.31	2	13	5	0	0	0	0	1	1	0	0	0	-	-
	Cleethorpes ...	9 9	23	16.9	8.9	12.9	+2.0	23.3	12	5.6	15	-	-	.72	39	.21	2	11	7	-	0	-	-	-	1	0	-	-	7.73	125
	Manby	21-9	55	17.5	7.8	12.7	-	25.6	12	3.7	15	-	-	.74	-	.24	2	13	7	0	0	0	0	1	0	0	0	0	7.91	-
	Skegness ...	9 9	15	16.6	8.0	12.3	+1.6	25.0	12	3.9	15,20	-	-	.76	46	.29	10	8	5	0	0	0	0	0	0	0	-	0	-	-
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	18.8	7.9	13.3	-	26.1	12	2.2	15	12.5	-	1.22	78	.39	19	11	8	0	0	0	0	0	0	0	1	0	7.32	-
	Marham ...	21-9	76	18.8	8.0	13.4	-	25.5	12	2.7	15	-	-	1.18	-	.29	19	11	8	0	0	0	0	0	0	0	1	1	-	-
	Santon Downham	9 9	80	19.9	6.8	13.3	-	27.2	12	-0.6	15	12.3	10.0	1.31	-	.33	19	10	9	-	0	-	-	-	0	1	8	-	7.40	-
	West Raynham ...	21-9	250	17.9	7.7	12.8	-	25.1	12	3.4	15	-	-	1.57	-	.44	19	12	8	0	0	0	0	1	0	0	1	1	7.80	-
	Cromer	9 9	178	16.9	8.7	12.8	+1.7	25.0	12	5.6	6	-	-	.94	50	.28	19	9	7	-	0	-	-	-	0	0	1	-	8.40	125
	Sprowston ¶§	9 9	93	18.6	8.5	13.5	+2.3	25.0	12	5.6	15,20	12.4	-	.93	52	.40	19	10	7	0	0	0	0	0	0	0	0	1	7.61	117 $
	Coltishall ...	21-9	55	17.9	8.2	13.1	-	24.5	12	4.4	16	-	-	.99	-	.43	19	11	6	0	0	0	0	0	0	0	4	0	-	-
	Burlingham ...	9 9	89	18.0	8.5	13.3	-	24.4	12,18	5.6	2,15,21	-	-	.79	47	.22	19	12	6	0	0	0	0	0	0	0	0	1	7.85	-
	Gorleston ¶§	21-9	12	16.4	9.2	12.8	+2.0	23.5	18	5.8	6,15	13.0	10.6	1.15	76	.34	19	13	7	0	0	0	0	0	0	0	0	0	8.12	120
Suffolk	Mildenhall	21-9	15	19.7	8.7	14.2	+2.3	26.9	12	3.8	15	-	-	1.16	72	.25	19	10	8	0	0	0	0	1	0	0	0	0	7.35	113
	East Bergholt ...	9 9	14	19.2	8.1	13.7	-	25.0	12,18	2.8	15,16	-	-	1.02	-	.27	19	9	6	0	0	0	0	0	0	0	-	0	-	-
	Wattisham ...	21-9	292	18.2	8.0	13.1	-	24.5	12	3.0	15	-	-	1.22	-	.26	19	9	9	0	0	0	0	0	0	0	2	0	-	-
	Aldeburgh ...	21-9	15	16.2	9.9	13.1	-	21.7	18	6.7	2	-	-	-	-	-	-	-	-	0	-	0	0	0	1	0	-	0	-	-
	Lowestoft ...	9 9	82	16.7	8.9	12.8	+1.9	22.2	18	5.0	15	13.1	10.7	1.28	86	.38	19	12	8	0	0	0	0	0	0	0	0	0	7.84	116
Cambridge	Boxworth ...	9 9	157	19.1	8.0	13.5	-	25.6	12	3.9	6	-	-	.66	37	.15	2	10	5	0	0	0	0	0	1	0	2	0	7.11	-
	Cambridge Bot. Gdn. ¶	9 9	41	19.7	8.3	14.0	+2.1	26.7	12	1.7	15	13.8	11.2	.95	53	.21	2	9	7	0	0	0	0	0	0	0	3	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	19.6	8.7	14.1	-	26.7	12	3.9	15	-	-	.84	47	.18	21	10	6	0	0	0	0	0	0	0	1	0	6.73	109
Huntingdon	Monkswood ...	9 9	103	19.2	7.2	13.2	-	26.7	12	2.2	15,20	13.1	-	.92	-	.15	10,19	9	7	0	0	0	0	0	1	0	1	0	-	-
	Wyton	21-9	129	19.1	8.5	13.8	-	26.8	12	4.3	15	-	-	.95	-	.18	1,21	10	7	0	0	0	0	0	1	0	0	0	-	-
Bedford	Woburn	9 9	291	18.2	8.1	13.1	+1.9	25.0	12	1.1	15	12.9	9.1	1.12	51	.20	21	13	8	0	0	0	0		1	0	1	0	6.51	108
	Luton	9 9	379	18.1				24.4	12	5.0	6,17	10.8	-	1.26	65	.25	2	12	10	-	0	-	-	-	5	0	2	-		
	Silsoe	9 9	195	18.7	8.3	13.5	-	26.1	12	1.1	15	12.8	9.5	.71	37	.16	21	7	6	0	0	0	0	0	0	0	4	0	6.23	-
	Cardington ...	21-9	93	19.2	7.9	13.5	-	26.3	12	0.1	15	12.5	9.8	.80	44	.20	21	10	6	0	0	0	0	1	0	0	1	0	6.13	-
	Letchworth ...	9 9	209	19.2	8.9	14.1	-	26.7	12	2.8	15	-	-	.80	-	.21	21	10	7	-	-	-	-	-	-	0	0	-	-	-
Hertford	Bovingdon ...	21-9	516	17.8	8.4	13.1	-	24.7	12	3.2	15	-	-	2.06	-	.40	31	16	10	0	0	0	0	5	0	0	1	0	-	-
	Garston ...	9 9	256	18.8	8.8	13.8	-	25.6	12	2.2	15	-	-	1.67	-	.38	31	13	8	0	0	0	0	2	0	0	3	0	6.75	-
	Rothamsted ¶§	9 9	420	18.7	8.2	13.5	+2.4	25.6	12	2.8	15	12.5	9.0	1.53	74	.27	19	12	7	0	0	0	0	3	0	0	1	0	6.30	105
	St. Albans ...	9 9	272	18.8	8.4	13.6	+2.3	24.4	12	1.7	15	13.6	-	1.69	92	.27	21,31	12	9	0	0	0	0	1	0	0	1	0	-	-
	Stanstead Abbotts	9 9	97	-	-	-	-	-	-	-	-	-	-	1.12	-	.29	21	8	6	-	-	-	-	-	-	-	-	-	-	-
	Hoddesdon ...	9 9	153	19.1	8.6	13.9	-	26.1	12	2.8	15	13.7	-	1.20	-	.29	21	9	6	0	0	0	0	0	-	0	-	0	5.82	
	Eastwick Lodge	9 9	137	19.9	8.3	14.1	-	26.7	12	1.7	15	-	-	1.17	70	.35	19	11	6	-	0	-	-	-	1	0	-	-	-	-
Essex	Stansted ...	9 9	331	18.5	8.5	13.5	-	25.5	12	4.3	15	-	-	1.24	-	.39	19	12	6	0	0	0	0	0	0	0	1	0	-	-
	Writtle	9 9	105	18.9	8.3	13.6	-	25.6	12	2.2	15	12.2	-	.90	55	.24	19	11	6	0	0	0	0	0	0	0	2	0	6.79	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90	18.9	9.8	14.3	-	25.0	18	7.2	1,15,20	-	-	1.02	65	.25	19	12	7	0	0	0	0	1	1	0	0	0	6.72	98
	Maldon	9 9	14	18.8	9.2	14.0	-	25.6	12	4.4	16	-	-	1.14	-	.30	19	18	7	0	-	0	0	0	0	0	-	0	-	-
	Earls Colne ...	9 9	160	19.4	8.4	13.9	-	26.1	12	4.4	15,16	12.9	10.7	.94	56	.25	19	9	7	-	0	-	-	-	0	0	3	-	-	-
	Shoeburyness ¶§	21-9	7	17.8	10.0	13.9	+2.2	23.9	16	6.0	15	-	-	1.35	88	.48	19	12	7	0	0	0	0	0	3	0	0	0	6.77	99
	Clacton-on-Sea ...	9 9	53	17.1	10.2	13.7	-	20.6	18	5.6	15	14.2	11.4	.97	65	.25	19	8	7	0	0	0	0	0	0	0	0	0	7.34	106
	Walton-on-Naze	21-9	15	17.1	10.1	13.6	-	23.8	18	5.5	15	-	-	.99	-	.26	19	9	6	0	0	0	0	0	2	0	0	0	7.98	-
	Dovercourt ...	9 9	11	18.0	8.7	13.3	+1.6	25.0	18	4.4	6	-	-	.95	-	.25	19	8	6	0	-	0	0	0	0	0	0	0	-	-
4	MIDLAND COUNTIES																													
Yorks., W. Riding	Slaidburn ...	9 9	629	15.9	7.6	11.7	-	22.8	17	3.3	16	-	-	3.92	-	.55	10	19	15	0	0	0	0	0	0	0	0	0	6.07	-
	Malham Tarn ...	9 9	1297	13.9	6.7	10.3	-	21.1	17	2.8	15	10.4	-	3.72	106	.51	11	16	15	0	0	0	0	4	0	0	2	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding— cont.	Huddersfield §	9 9	325	18.1	8.4	13.3	+2.5	25.0	17	5.0	16	12.4	9.6	3.48	-	1.87	30	17	12	-	0	-	-	-	0	0	0	-	6.38	131
	" Oakes	21-9	761	17.2	7.5	12.3	+1.8	24.2	17	4.2	15	11.0	8.4	3.56	133	1.23	30	17	12	0	0	1	0	7	1	0	0	1	5.97	116
	Bradford ¶	9 9	439	17.0	8.2	12.6	+2.0	23.9	17	4.4	15	11.7	8.6	2.30	94	.72	30	17	12	0	0	0	0	4	0	0	0	0	-	-
	Ilkley	9 9	315	17.7	8.2	12.9	+2.1	24.4	17	2.2	15	-	-	2.13	81	.54	30	11	10	0	0	0	1	2	0	0	-	0	6.15	110
	Sheffield ...	9 9	429	18.2	8.7	13.5	+2.2	23.9	17	5.0	4	12.6	9.1	2.18	95	.74	29	13	10	0	0	0	0	1	-	0	0	0	6.55	125
	Wakefield ...	9 9	121	18.8	8.4	13.6	+2.1	24.4	17	4.4	15	11.8	9.4	1.90	86	.61	30	12	11	0	0	0	0	3	0	0	1	3	-	-
	Pontefract ...	9 9	255	17.5	8.3	12.9	+2.0	22.8	17	3.9	15	-	-	1.10	55	.34	29	12	9	0	0	0	0	2	0	0	0	0	-	-
	Bramham ...	9 9	177	17.9	7.7	12.8	-	22.8	17	4.4	15,16	-	-	1.25	58	.22	29	17	9	0	0	0	0	1	0	0	0	0	7.14	-
	Cawood	9 9	20	18.5	7.5	13.0	-	23.9	17	1.7	15	11.9	9.8	.94	47	.18	29	12	9	0	0	0	0	0	0	0	3	0	6.57	-
	Askham Bryan ...	9 9	110	18.1	7.7	12.9	-	23.3	17	3.9	15	-	-	.89	42	.20	21,29	12	9	0	0	0	0	0	0	0	0	0	7.20	126
Derby	Buxton	9 9	1007	15.6	7.4	11.5	+2.1	21.1	17	2.8	10	11.6	9.2	3.81	132	.92	30	15	14	0	-	0	0	2	1	0	0	0	-	-
	Chapel en le Frith	9 9	732	16.9	7.9	12.8	-	22.2	17,27	1.7	15	-	-	2.58	-	.62	30	15	13	0	0	0	0	3	0	0	4	0	-	-
	Mackworth ...	9 9	293																											
	Belper	9 9	203	18.9	7.5	13.2	+1.9	23.9	17,27,29	1.1	15	-	-	2.09	94	.65	31	14	10	0	0	0	0	2	-	0	-	0	-	-
	Derby	9 9	159	18.8	8.9	13.9	-	23.9	17,27,30	2.8	15	-	-	1.94	-	.39	31	15	12	0	0	0	0	3	0	0	0	0	6.29	-
	Morley	9 9	350	17.8	8.3	13.1	-	22.8	27,30	2.8	15	-	-	2.28	103	.71	30	14	12	0	0	1	0	2	-	0	1	0	6.27	-
	Chesterfield ...	9 9	298	18.7	7.9	13.3	-	23.3	17,26,30	3.9	15	-	-	1.77	-	.43	29	12	12	0	0	0	0	3	0	0	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	18.3	7.9	13.1	+2.0	23.9	12	2.8	15	11.7	10.0	1.20	64	.28	2	15	10	0	0	0	0	2	0	0	4	0	6.23	109
	Watnall	21-9	385	18.5	8.1	13.3	-	24.5	30	3.7	14	-	-	1.55	75	.26	2	14	10	0	0	0	0	2	0	0	3	0	6.20	107
	Nottingham Training College ...	9 9	169					23.9	29,30	3.9	15	-	-							-	-	-	-	-	6	0	1	-	-	-
	Mansfield ...	9 9	362	18.2	8.3	13.3	+2.1	24.4	30	5.0	15,19	12.6	-	.79	37	.17	2	10	8	0	0	0	0	0	0	0	0	0	-	-
	Nottingham ¶§	9 9	192	18.9	8.9	13.9	+2.2	25.0	30	4.4	14,15	12.7	-	1.03	52	.37	4	9	8	0	0	0	0	0	0	0	2	0	5.71	107
	Warsop	9 9	150	18.5	7.4	12.9	-	23.9	12,30	1.1	15	-	-	.65	36	.12	1,9	11	9	0	0	0	0	1	0	0	4	0	6.60	-
	Finningley ...	21-9	34	19.0	8.9	13.9	+2.4	24.8	29	5.9	15	-	-	.52	-	.11	2	10	4	0	0	0	0	0	0	0	0	1	6.95	-
Leicester	Newtown Linford	9 9	392	18.1	7.6	12.9	-	23.3	12,17,27	2.8	15	-	-	1.21	-	.20	10	14	10	0	0	0	0	1	0	0	4	0	6.17	-
	Caldecott ...	9 9	175	18.7	6.9	12.8	-	24.4	12	1.7	15,16	-	-	.79	-	.15	1	11	7	-	0	-	-	-	0	0	2	-	6.65	-
Northampton	Bugbrooke Mills	9 9	228	18.6	7.6	13.1	-	24.4	12	1.1	15	12.1	9.4	.95	-	.17	1	10	8	0	0	0	0	0	3	0	-	0	6.48	-
	Raunds	9 9	193	19.3	7.9	13.6	-	26.1	12	2.2	15	13.3	9.2	.99	51	.18	1	12	8	0	0	0	0	1	1	0	1	0	6.27	-
	Wittering ...	21-9	212	18.9	8.1	13.5	-	25.6	12	3.4	15	-	-	.75	-	.16	2	13	8	0	0	0	0	1	0	0	5	0	7.20	-
Warwick	Birmingham K.E.S.*	9 9	450	17.9	8.6	13.3	-	22.8	17	3.3	15	-	-	1.87	-	.42	30	15	12	0	0	0	0	1	0	0	-	0	-	-
	Edgbaston ¶§	21-9	536	17.6	8.9	13.3	+1.9	23.3	17	5.6	15	10.0	8.9	1.70	66	.30	30	16	11	0	0	0	0	2	0	0	1	0	5.55	103
	Luddington ...	9 9	138	18.4	7.7	13.1	-	24.4	12	0.0	15	-	-	1.33	65	.32	30	15	8	0	0	0	0	2	0	1	3	0	5.96	-
	Stratford on Avon	9 9	160	18.6	7.6	13.1	-	23.9	12,17	-0.6	15	14.0	-	1.34	67	.30	30	14	9	0	0	0	0	2	0	1	4	1	5.77	-
	Elmdon	21-9	319	18.2	8.0	13.1	-	24.0	12	0.1	15	-	-	1.34	60	.36	30	13	10	0	0	0	0	2	0	0	1	0	6.07	-
	Shipston on Stour	9 9	365	17.8	7.8	12.8	-	23.9	12	2.2	15	11.4	-	1.53	-	.34	30	16	9	0	0	0	0	4	1	0	2	-	6.00	-
	Wellesbourne ...	9 9	153	18.2	7.4	12.8	-	24.4	12	0.0	15	12.5	10.4	1.92	89	.53	29	16	7	0	0	0	0	3	0	1	4	0	5.26	-
	Moreton Morrell	9 9	280	18.4	7.8	13.1	-	23.9	12,17	1.1	15	-	-	1.80	-	.34	29	15	8	0	0	0	0	2	0	0	1	0	5.49	-
	Coventry ...	9 9	338	17.9	7.5	12.7	+1.4	22.8	17	2.2	15	12.3	9.2	1.55	71	.24	30	14	12	0	-	0	0	2	0	0	3	0	5.41	99
	Rugby	9 9	385	18.4	7.8	13.1	+2.0	23.9	12	2.2	15	12.8	-							0	0	0	0	2	0	0	1	0		
Oxford	Oxford ¶§	9 9	208	18.6	9.3	13.9	+1.9	25.0	12	4.4	15	14.0	11.2	1.75	86	.34	21	15	9	0	0	0	0	3	1	0	0	0	6.15	100
	Grendon Underwood	9 9	220	18.8	7.5	13.1	-	24.4	12	-0.6	15	13.2	10.1	1.63	-	.37	22	11	10	0	0	0	0	1	-	1	3	0	6.17	-
Buckingham	Medmenham	9 9	98	19.0	7.8	13.4	-	25.0	12	0.0	15	-	-	1.90	-	.44	31	12	10	-	-	-	-	-	-	0	9	0	-	-
	Aylesbury ...	9 9	316	18.5	8.3	13.4	-	25.6	12	2.2	15	-	-	1.70	82	.40	31	12	8	0	0	0	0	4	2	0	1	0	6.22	-
Stafford	Keele	9 9	587	16.8	8.2	12.5	-	22.2	17,27	3.3	15	11.7	8.7	1.80	75	.75	30	14	10	0	0	1	0	3	0	0	0	0	6.11	-
	Oaken	9 9	409					23.3	17	1.7	15	12.2	-	2.47	-	.70	30	15	14	-	-	-	-	-	-	0	13	-	-	-
	Stone	9 9	350	17.4	7.6	12.5	-	22.2	27,30	0.6	15	-	-	2.79	-	.94	30	15	9	0	0	0	0	3	1	0	7	1	6.28	- S
	Penkridge ...	9 9	330	17.6	8.0	12.8	-	22.8	17,27	2.2	15	-	-	2.14	-	.37	31	16	14	0	0	1	0	3	0	0	2	0	-	-
	Onecote ...	9 9	1350	14.2	6.3	10.3	-	20.0	27	2.8	1,15	9.2	6.6	3.00	-	.93	30	12	12	0	0	0	0	1	1	0	0	0	5.35	-
Shropshire	Oswestry ...	9 9	570	16.4	8.1	12.3	-	22.2	27	4.4	15	-	-	1.70	-	.32	9	14	12	0	0	0	0	0	0	0	0	0	5.65	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.44	54	.23	21	14	12	-	-	-	-	-	-	-	-	-	5.19	- S
	Shrewsbury ...	9 9	184	18.3	8.7	13.5	+2.0	23.3	26,27	2.8	15	12.8	10.9	1.58	75	.29	31	14	10	0	0	0	0	2	0	0	1	0	6.14	108
	Shawbury ...	21-9	235	18.1	8.0	13.1	+1.9	23.6	17	1.1	15	-	-	1.53	72	.29	31	12	9	0	0	0	0	3	0	0	4	0	6.16	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.09	-
	Newport ...	9 9	211	17.8	7.6	12.7	+1.9	23.3	17,27	1.1	15	-	-	2.26	104	.83	30	15	11	0	0	1	0	4	0	0	7	1	5.35	94
Worcester	Malvern	9 9	203	17.8	8.9	13.3	-	23.3	17	3.3	15	13.2	9.7	1.99	78	.64	30	14	13	0	0	0	0	2	3	0	1	0	5.40	89
	Worcester ...	9 9	190	17.9	7.7	12.8	-	23.9	17	2.8	15	-	-	2.20	96	.72	31	13	10	-	0	-	-	-	0	0	2	-	5.66	-
	Pershore Inst. of Hort.	9 9	130	18.6	8.6	13.6	-	23.3	12,17	1.1	15	-	-	1.90	-	.60	30	14	12	-	-	-	-	2	0	5	-	5.39	-
	Pershore ...	21-9	114	18.3	8.4	13.3	-	24.7	17	0.8	15	-	-	2.04	-	.53	30	15	12	0	0	0	0	2	0	0	3	0	5.73	-
	Halesowen ...	9 9	505	17.7	7.7	12.7	-	22.8	12,17	1.1	15	12.3	9.3	2.80	-	.78	31	15	12	0	0	0	1	3	0	0	2	0	5.64	-
Hereford	Lyonshall ...	9 9	510	17.2	8.2	12.7	+1.6	22.2	17,26	2.2	15	-	-	1.88	-	.58	30	15	11	-	-	-	-	-	-	0	4	-	-	-
	Credenhill ...	9 9	246	17.6	8.5	13.1	-	23.3	17,26	4.4	14,20	-	-	1.56	-	.48	30	13	11	-	-	-	-	-	0	0	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	17.3	9.0	13.1	+1.4	23.6	17	2.0	15	13.1	11.0	1.56	72	.37	31	13	13	0	0	0	0	2	0	0	1	0	5.20	87
	Preston Wynne ...	9 9	274	17.1	7.6	12.3	-	22.2	17,26	0.6	15	-	-	2.01	-	.67	31	16	11	0	0	0	0	1	0	0	2	0	5.15	-
Gloucester	Avonmouth ...	9 9	31																											
	Filton	21-9	192	17.2	9.1	13.1	+1.4	23.5	17	3.0	15	-	-	2.47	109	.63	31	16	12	0	0	0	0	2	0	0	1	0	5.12	-
	Hempsted ...	9 9	39																											
	Gloucester ...	21-9	79	18.3	9.6	13.8	-	24.4	17	2.8	15	-	-	1.71	-	.61	30	15	10	0	0	0	0	4	0	0	1	1	5.39	-
	Cheltenham ...	9 9	214	18.1	9.2	13.7	+1.6	23.9	12	3.3	15	-	-	2.18	108	1.02	30	14	10	-	-	-	-	-	-	0	-	-	5.17	-
	Cirencester ...	9 9	443	17.3	7.8	12.5	-	22.8	17,29	2.2	15	-	-	3.17	121	1.82	30	15	11	0	0	0	0	2	2	0	5	-	5.70	-
	Little Rissington	21-9	740	16.9	8.1	12.5	-	23.0	12	5.4	1,9,14	-	-	1.75	77	.56	30	16	10	0	0	0	0	4	2	0	0	0	5.26	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	19.7	10.1	14.9	+1.9	26.1	12	6.1	15	14.1	11.3	2.85	153	1.10	29	17	11	0	0	0	0	2	0	0	0	0	-	-
	Hampstead ...	9 9	450	18.5	9.4	13.9	+2.2	25.0	12	6.1	15	-	-	3.39	170	1.36	29	16	10	0	0	0	0	4	-	0	1	0	6.72	108
	St. James's Park	9 9	27	19.6	10.2	14.4	+1.3	25.6	12	6.7	12,15	-	-	2.91	166	1.00	29	12	11	0	-	0	0	0	-	0	-	0	-	-
	Regent's Park ...	9 9	129	19.3	10.1	14.7	-	25.6	12	5.0	15	-	-	2.82	-	.85	31	14	10	-	0	-	-	-	4	0	0	-	6.32	106
	Camden Square	9 9	121	19.9	9.7	14.8	+1.5	26.7	12	6.7	15	14.2	-	1.94	110	.51	31	13	9	-	-	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.60	111
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.68	115
	Greenwich ...	9 9	24	19.5	9.9	14.7	-	25.6	12	4.4	15,16	-	-	2.34	136	.58	31	13	10	0	0	0	0	3	0	0	0	0	6.97	117
Middlesex	London (Heathrow) Airport	21-9	82	19.5	9.9	14.7	+2.2	25.5	12	4.8	15	-	-	1.81	99	.63	31	15	9	0	0	0	0	3	0	0	0	0	6.38	-
	Hampton ...	9 9	39	19.2	9.9	14.5	-	25.0	17	5.0	15	-	-	2.00	-	.77	31	17	9	0	0	0	0	2	2	0	0	0	6.48	-
	Southgate ...	9 9	221	19.2	9.5	14.3	-	26.1	12	6.1	15	12.2	-	1.75	-	.56	31	11	7	0	0	0	0	3	0	0	0	0	5.76	- S
Surrey	Wisley	9 9	150	19.4	8.9	14.1	+2.0	25.0	12,30	2.8	15	14.1	11.2	3.07	165	1.56	31	16	11	0	0	0	0	5	0	0	1	0	6.48	105
	Mickleham ...	9 9	179				-	23.9	30	1.1	15	-	-							0	0	0	0	4	0	0	2	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	19.1	10.4	14.7	+2.2	24.9	30	5.4	15	14.0	11.3	1.70	94	.51	31	13	9	0	0	0	0	4	0	0	0	0	6.71	105
—cont.	Gatwick ... §	21-9	192	18.8	7.9	13.3	-	24.2	30	1.3	15	-	-	2.69	-	.63	31	14	11	0	0	0	0	3	0	0	1	0	7.05	-
	Waddon ...	9 9	220	18.9	8.0	13.5	+1.3	25.0	30	3.3	15	-	-	2.14	113	.76	31	11	10	-	-	-	-	-	-	0	-	-	-	-
	Addington ...	9 9	474	18.5	9.2	13.9	+2.2	24.4	30	5.0	15	-	-	2.27	113	.72	31	16	11	-	-	-	-	-	0	0	-	-	-	-
Kent	Bromley ...	9 9	213	19.4	9.8	14.6	+2.2	25.0	12	3.9	15	-	-	2.80	151	1.00	31	18	11	-	-	-	-	-	0	0	-	-	-	-
	Swanley	9 9	177	18.9	8.7	13.8	-	25.0	12	1.7	15	13.2	-	2.13	-	.87	31	11	10	0	0	0	0	1	3	0	0	0	6.50	-
	Dartford ...	9 9	17	19.3	9.4	14.3	-	25.0	12	2.8	15	-	-	1.71	105	.60	31	12	9	0	0	0	0	2	0	0	-	0	-	-
	Tunbridge Wells	9 9	351	18.6	8.1	13.3	+1.6	24.4	12,30	2.2	15	14.6	12.0	2.43	117	.64	31	11	11	0	0	0	0	2	0	0	0	0	7.25	108
	Goudhurst ...	9 9	280	18.7	7.7	13.4	-	25.6	12	1.1	15	-	-	3.39	161	1.39	31	15	11	0	0	0	0	2	0	0	3	0	-	-
	East Malling ¶§	9 9	122	18.9	8.4	13.6	+2.1	25.0	12	2.2	15,16	13.9	11.1	1.96	102	.35	31	15	10	0	0	0	0	4	0	0	0	0	6.84	104
	Gillingham ...	9 9	14	19.5	9.8	14.7	-	26.1	12	4.4	16	-	-	1.37	-	.26	23	13	11	0	0	0	0	0	0	0	-	0	6.55	-
	Sittingbourne ...	9 9	224	17.8	8.7	13.2	-	24.4	12	3.9	15,16	12.8	10.2	1.50	84	.24	31	13	11	0	0	0	0	2	4	0	3	0	7.15	-
	Isle of Grain ...	9 9	9	18.3	9.7	14.0	-	25.0	12	6.1	15	-	-	1.21	-	.42	19	11	7	0	0	0	0	2	0	0	0	0	6.84	-
	Faversham ...	9 9	157	18.5	8.4	13.4	-	25.6	12	3.9	15	13.2	10.6	1.49	-	.23	19	12	10	0	0	0	0	3	2	0	0	0	6.78	-
	Dungeness ...	21-9	10	15.0	9.4	12.2	+1.0	18.9	12,14	4.5	20	-	-	1.29	79	.23	24	14	9	0	0	0	0	0	3	0	-	0	-	-
	Wye	9 9	185	18.4	8.6	13.5	+1.9	24.4	12	3.9	16	-	-	2.15	102	.29	21	14	14	0	0	0	0	2	2	0	0	0	6.89	101
	Whitstable ...	9 9	9	18.3	9.7	14.0	-	26.0	12	5.6	15	-	-	1.16	80	.26	21	13	11	0	0	0	0	2	0	0	-	0	7.31	-
	Folkestone ...	9 9	128	16.8	9.4	13.1	-	21.7	12,31	0.6	5	-	11.0	1.22	71	.24	1	12	8	0	0	0	0	3	2	0	1	0	7.24	-
	Elmstone ...	9 9	28	19.1	8.2	13.7	-	26.1	12	2.8	16	-	-	1.58	-	.33	21	14	9	-	0	-	-	-	1	0	0	-	-	-
	Herne Bay ...	9 9	21	18.4	10.1	14.3	-	26.1	12	7.2	1,2	-	-	1.07	69	.26	21	14	7	0	0	0	0	1	0	0	-	0	6.85	-
	Dover	9 9	19	16.8	10.0	13.4	+1.6	23.3	12	7.2	1,15	14.1	11.6	1.16	67	.29	2	12	8	0	0	0	0	4	2	0	0	0	6.49	- S
	Deal	21-9	18	16.7	10.4	13.5	-	25.8	12	7.5	20	-	-	1.06	-	.22	21	12	9	0	0	0	0	1	2	0	0	0	-	-
	Manston ...	21-9	145	18.1	8.9	13.5	-	25.3	12	5.5	2	-	-	1.03	-	.29	21	13	8	0	0	0	0	2	0	0	0	0	-	-
	Ramsgate ...	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Margate ...	9 9	51	17.1	10.5	13.8	+2.1	25.6	12	7.2	1,9	13.9	11.2	.98	69	.34	19	9	6	0	0	0	0	0	1	0	0	0	7.13	99
Sussex	Thorney Island ...	21-9	10	17.4	9.8	13.6	-	24.5	31	5.4	15	-	-	2.72	158	.58	31	14	10	0	0	0	0	2	1	0	0	0	6.32	-
	Bognor Regis ...	9 9	24	15.7	10.1	12.9	+1.1	22.8	31	7.2	20	-	11.6	3.97	212	1.26	31	13	11	0	0	0	0	2	1	0	0	0	6.92	98
	Fernhurst ...	9 9	188	18.3	8.3	13.3	-	24.4	31	2.2	15	-	-	4.21	-	1.53	24	14	11	0	-	0	0	2	-	0	1	0	6.69	-
	Littlehampton ...	9 9	15	16.2	9.4	12.8	+1.7	23.9	31	5.0	1,15	-	11.3	2.95	163	.90	31	13	12	0	0	0	0	2	0	0	-	0	7.02	96
	Rustington ...	9 9	10	16.6	8.9	12.7	-	23.9	31	3.9	15	-	10.6	3.06	-	.84	31	13	12	-	0	-	-	-	-	0	0	-	6.39	-
	Worthing ...	9 9	25	16.4	10.2	13.3	+1.2	22.2	31	6.1	26	13.9	11.2	3.98	241	1.67	31	15	12	0	0	0	0	3	0	0	0	0	7.31	98
	Brighton ...	9 9	32	16.1	10.2	13.1	-	24.4	31	7.2	12	-	11.9	5.11	315	2.95	31	15	12	0	0	0	0	3	1	0	0	0	6.55	91
	East Grinstead ...	9 9	400																											
	Seaford	9 9	45																											
	East Hoathly ...	21-9	130	17.5	8.2	12.8	-	23.9	31	1.7	15	-	-	3.17	-	1.00	31	15	12	0	0	0	0	3	3	0	1	0	6.73	-
	Eastbourne ...	9 9	23	15.9	10.1	13.0	+1.0	20.6	12,28	6.7	16	14.4	11.9	3.29	191	1.27	31	13	11	0	-	0	0	2	1	0	0	1	7.50	101
	Eastbourne C/Guard	21-9	17	16.5	9.4	12.9	-	21.8	12	5.3	16	-	-	2.52	-	.51	31	14	13	0	0	0	0	1	1	0	2	2	-	-
	Bexhill	9 9	12	16.1	10.1	13.1	+1.2	22.2	30,31	6.7	16	14.4	-	2.67	155	.73	31	15	12	0	0	0	0	2	1	0	0	0	7.17	101
	Bodiam	9 9	73	18.7	8.1	13.4	-	24.4	12,30	1.7	15	14.2	10.5	2.58	-	1.09	31	12	11	0	0	0	0		0	0	1	0	6.86	-
	Hastings ¶§	9 9	149	16.4	10.2	13.3	+1.4	22.8	30,31	7.8	1,5,20	15.3	12.2	2.23	128	.43	24	13	12	0	0	0	0	5	2	0	0	0	7.31	101
Berkshire	Letcombe Regis	9 9	350	18.0	8.2	13.1	-	23.9	12	2.2	15	-	-	2.06	-	.42	31	16	11	0	0	0	0	2	0	0	-	0	-	-
	Abingdon ...	21-9	210	18.9	8.6	13.8	+2.1	25.8	12	2.6	15	-	-	1.79	94	.31	21	16	12	0	0	0	0	3	1	0	0	0	5.98	-
	Compton ...	9 9	339	18.1				23.3	12,17	0.0	15	12.7	-	1.70	-	.44	31	15	10	0	0	0	0	3	-	1	-	0	6.00	-
	Woolhampton ...	9 9	370	18.2	8.7	13.4	-	23.9	17	5.6	12	13.7	-	1.94	100	.58	31	12	8	0	0	0	0	2	0	0	4	0	-	-
	Wallingford ...	9 9	157	18.6	8.3	13.4	-	24.4	12	1.1	15	12.9	10.1	1.57	-	.36	21	14	10	0	0	0	0	3	-	0	4	0	5.82	-
	Shinfield ...	9 9	200	18.9	8.7	13.8	+1.9	24.4	12,17	2.2	15	-	-	1.91	106	.61	31	14	11	-	0	-	-	-	3	0	0	-	6.16	-
	Reading ...	9 9	148	19.1	9.4	14.2	+1.8	25.0	12,17	3.9	15	14.3	11.6	1.62	87	.45	31	14	10	0	0	0	0	3	0	0	1	0	5.89	-
	Reading S.T.G.	9 9	141	19.2	9.0	14.1	-	25.0	12	2.8	15	-	-	1.73	99	.48	31	15	10	0	0	0	0	2	0	0	3	0	5.92	-
	Finchampstead ...	9 9	212	18.4	8.2	13.3	-	23.9	12,17	0.6	15	11.9	10.2	2.23	-	.72	31	17	13	0	0	0	0	2	0	0	8	0	6.11	-
	Hurley	9 9	140	18.9	8.7	13.8	-	24.4	12	0.6	15	13.6	-	1.93	-	.50	31	13	10	0	0	0	0	1	0	1	1	0	6.34	-
	Bracknell ...	9 9	243	18.9	8.9	13.9	-	25.0	12	2.2	15	13.8	11.1	1.97	-	.78	31	16	9	0	0	0	0	3	1	0	1	0	-	-
Hampshire	Bournemouth ...	9 9	130	16.3	9.2	12.7	+0.6	21.1	30	4.4	15	13.0	11.2	4.18	220	.99	30	17	11	0	0	0	0	2	0	0	1	0	6.83	97
	Hurn	21-9	33	17.1	8.8	12.9	-	22.5	30	2.6	15	-	-	4.33	229	.94	31	15	12	0	0	0	0	3	0	0	1	0	-	-
	Christchurch ...	9 9	9	16.7	9.1	12.9	-	21.7	30	3.3	15	-	-	4.51	-	1.27	30	14	12	0	0	0	0	3	0	0	0	0	-	-
	Everton ...	9 9	51	16.4	9.2	12.8	-	21.7	30,31	4.4	15	-	-	3.43	-	.85	24	15	10	0	0	0	0	2	0	0	0	0	6.43	-
	Southampton ¶§	9 9	65	18.9	9.8	14.3	+1.8	24.4	31	5.0	15	14.8	14.1	2.63	130	.56	31	12	10	0	0	0	0	2	0	0	0	0	6.26	93
	Leckford ...	9 9	385	17.7	8.3	13.0	-	23.3	30	3.9	15	12.2	-	3.33	173	1.49	31	14	10	-	0	-	-	-	0	0	-	-	5.99	91
	Winchester ...	9 9	122	18.7	8.5	13.6	-	24.4	30	1.1	15	-	-	2.50	123	.61	31	11	10	0	0	0	0	2	0	0	0	0	-	-
	Martyr Worthy	9 9	275	17.9	8.1	13.0	-	23.9	30	1.7	15	-	-	2.91	-	1.11	31	11	8	0	0	0	0	2	0	0	2	0	5.75	-
	Southsea ...	9 9	7	16.7	10.7	13.7	+1.0	23.3	31	7.8	14	14.5	11.6	2.99	171	.75	23	13	11	0	0	0	0	2	1	0	0	0	6.42	89
	Hayling Island ...	9 9	13	16.3	10.0	13.1	-	23.3	31	5.6	15	-	-	2.83	-	.70	31	14	10	0	0	0	0	2	1	0	-	0	6.80	-
	Long Sutton ...	9 9	512	19.2	9.4	14.3	+2.9	22.8	30	4.4	15,20	13.1	9.1	2.95	140	.89	31	13	11	0	0	0	0	2	3	0	1	2	6.35	100
	Alice Holt Lodge	9 9	378	18.1	8.3	13.2	-	23.9	30	2.2	15	-	-	4.05	194	1.35	31	16	10	0	0	0	0	2	0	0	3	0	5.69	-
	S. Farnborough	21-9	226	18.9	8.9	13.9	+2.0	24.5	30	1.9	15	-	-	2.69	141	.92	31	14	11	0	0	0	0	2	0	0	1	0	5.98	93
I. of Wight	St. Caterine's Pt.	9 9	51	14.3	9.5	11.9	+0.5	20.5	31	6.8	14	-	-	3.22	175	1.04	31	13	10	0	-	0	0	3	5	0	-	1	-	-
	Ventnor Park ...	9 9	443	15.1	9.5	12.3	+0.3	21.7	31	6.7	14	13.7	10.9	3.87	198	.97	31	14	12	0	0	0	0	0	3	0	0	0	6.17	83
	Shanklin ...	9 9	180	15.7	9.3	12.5	-	21.1	31	5.0	15	-	-	4.34	-	1.25	31	14	10	0	0	0	0	3	1	0	-	0	7.24	-
	Sandown ...	9 9	13	16.2	10.2	13.2	+0.9	21.7	31	6.7	15,24	-	-	3.03	172	.74	31	11	10	0	0	0	0	1	0	0	0	-	6.49	86
	Ryde	9 9	15	16.8	10.2	13.5	+1.1	21.7	12	6.7	15	-	-	2.97	173	.58	31	13	12	0	0	0	0	3	1	0	-	0	6.43	88
Wiltshire	Lacock	9 9	160	17.4	7.7	12.5	-	23.3	18	0.0	15	-	-	2.79	-	.93	30	15	11	-	0	-	-	-	0	0	0	-	-	-
	West Lavington	9 9	305	17.4	8.1	12.7	-	22.2	12,17	1.7	15	-	-	3.16	140	1.08	31	13	11	0	0	0	0	2	1	0	-	0	-	-
	Lyneham ...	21-9	476	16.8	8.6	12.7	-	22.7	17	5.3	15	-	-	2.83	129	.78	30	15	10	0	0	0	0	2	1	0	1	0	6.07	-
	Chiseldon ...	9 9	510	17.6	8.1	12.9	-	23.9	17	2.2	15	-	-					17	11	0	0	0	0		0	0	1	0	-	-
	Larkhill	9 9	431	17.4	7.9	12.7	+1.6	22.4	17	3.2	15	-	-	3.86	201	1.26	31	14	12	0	0	0	0	3	0	0	2	0	-	-
	Boscombe Down	21-9	414	17.7	8.2	12.9	+1.5	22.6	17	2.9	15	-	-	4.43	239	1.30	31	14	12	0	0	0	0	2	0	0	2	0	6.28	98
	Upavon	21-9	578	16.9	8.1	12.5	-	22.0	12	4.6	9	-	-	2.92	-	.81	30	14	10	0	0	0	0	2	2	0	1	0	-	-
	Porton ... ¶§	9 9	364	17.6	7.9	12.7	+1.6	22.5	17,30	1.7	15	12.0	-	4.59	244	1.36	31	14	12	0	0	1	0	2	0	0	1	0	6.00	91
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	15.6	9.3	12.5	-	25.6	26	6.1	2	-	-	3.70	136	.83	10	17	16	-	0	-	-	-	0	0	0	-	5.55	-
	Carlisle	21-9	86	16.5	8.1	12.3	-	23.7	28	5.3	16	-	-	2.81	-	.94	29	14	8	0	0	0	0	3	0	0	0	0	6.23	-
	Newton Rigg ¶§	9 9	560																											
	Spadeadam ...	9 9	900	14.4	6.1	10.3	-	21.7	29	3.3	1,10,16	9.8	8.0	3.02	-	.53	18	17	12	0	0	0	0	2	1	0	0	1	5.27	-
Westmorland	Ambleside ...	9 9	151	16.6	8.1	12.3	-	25.0	27	3.9	2,19	-	-	6.56	169	1.16	10	21	17	0	0	0	0	4	0	0	-	0	4.76	81

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·1in. (0·2mm.) or more	0·4in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	9.7	3.8	6.7	-	17.5	17	0.2	1	-	-	-	-	-	-	-	-	-	0	-	-	-	14	0	-	-	4.18	-
—cont.	Moor House ...	9 9	1825	12.4	4.1	8.2	-	20.0	17	0.6	23,28	7.7	-							-	-	-	-	-	1	0	8	-		
Lancashire	Squires Gate ...	21-9	33	17.1	9.1	13.1	+2.2	25.0	27	3.7	16	-	-	2.29	97	.89	10	14	11	0	0	0	0	2	0	0	0	2	6.39	92
	Urswick	9 9	130	16.9	8.3	12.6	-	25.0	27	3.9	15,16	-	-	3.57	-	1.15	10	19	14	0	0	0	0	3	1	0	-	4	-	-
	Southport ...	9 9	16	16.8	8.7	12.7	-	23.3	27	4.4	16	13.1	9.4	2.37	-	.80	10	14	12	-	0	-	-	-	2	0	0	-	6.51	-
	Poulton-le-Fylde	9 9	38	16.8	9.1	12.9	-	23.9	26,27	5.6	2,16	-	-	2.56	-	1.06	10	15	12	0	0	0	0	0	0	0	-	0	-	-
	Grizedale ...	9 9	300	16.4	5.9	11.1	-	26.1	30	0.6	15	11.2	-	6.89	-	1.16	10	21	18	0	0	0	0	2	0	0	0	0	-	-
	Speke	21-9	80	18.1	9.8	13.9	-	25.0	27	6.0	15	-	-	2.17	95	.79	10	14	11	0	0	0	0	2	0	0	0	2	6.04	-
	Kirkham ...	9 9	78	17.3	8.3	12.8	-	23.9	27	3.9	16	-	-	2.97	117	1.02	10	15	13	0	0	0	0	2	0	0	0	0	6.65	-
	Garstang ...	9 9	68	16.8	8.9	12.8	-	23.9	31	3.9	16	-	-	3.45	-	1.02	10	14	12	-	0	-	-	-	0	0	0	-	5.66	-
	Morecambe ...	9 9	24	16.8	10.2	13.5	+1.9	25.0	27	7.2	5	-	-	4.70	182	1.42	29	15	10	0	0	0	0	0	0	0	-	0	5.05	74
	Preston	9 9	108	17.2	9.3	13.3	-	23.3	27	5.6	16	-	-	3.64	138	.87	10	15	12	0	0	0	0	2	0	0	0	0	-	-
	Stonyhurst ¶§	9 9	377	16.6	8.4	12.5	+1.6	23.3	17	4.4	5	-	-	5.01	180	1.29	30	17	14	-	0	-	-	-	0	0	-	-	6.04	98
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.70	-
	Helmshore ...	9 9	854	15.5	7.8	11.6	-	21.7	17	5.0	1,4,15	10.5	-	5.25	144	.94	30	18	15	-	0	-	-	-	2	0	0	-	5.72	-
	Burnley	9 9	655	16.2	8.0	12.1	-	23.3	17	4.4	16	10.5	8.1	3.69	-	.64	30	18	17	0	0	0	0	3	0	0	1	0	5.58	-
	Nelson	9 9	540	16.2	8.3	12.3	-	23.9	17	4.4	16	11.6	9.5	3.90	143	.65	30	18	15	-	0	-	-	-	0	0	0	-	5.74	- S
	Rochdale ...	9 9	362	16.9	8.3	12.6	-	23.3	17	1.7	16	-	-	4.19	-	1.01	30	15	14	0	0	0	0	2	0	0	0	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	17.0	9.6	13.3	+2.0	23.9	27	7.2	5,10	-	-	1.42	63	.38	10	12	11	-	-	-	-	-	0	0	0	-	6.32	100
	Winnington ...	9 9	65	18.7	9.9	14.3	-	24.4	26,27	4.4	15	-	-	2.33	105	.67	30	14	11	0	0	0	0	3	0	0	0	0	-	-
	Knutsford ...	9 9	212	18.4				24.4	27	3.9	15	13.3	10.3	2.66	-	.66	30	15	12	-	0	-	-	-	-	0	0	-	-	-
	Ringway ¶§	21-9	248	17.5	9.5	13.5	+2.4	24.3	27	4.5	15	-	-	2.37	106	.77	30	16	13	0	0	1	0	3	0	0	0	0	6.16	108
	Macclesfield ...	9 9	500	17.3	8.9	13.1	+2.0	23.9	29	4.4	5,15	-	-	2.81	112	1.06	30	15	12	0	0	0	0	4	0	0	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	17.0	9.6	13.3	+2.0	25.0	17,27	5.0	15	-	-	.85	40	.21	9	14	9	0	0	0	0	1	0	0	0	0	5.83	89
	Prestatyn ...	9 9	12	17.3	9.4	13.3	-	24.4	17,27	6.1	15,16,25	-	-	1.13	51	.29	31	15	9	0	0	0	0	0	0	0	-	0	5.27	84
	Hawarden Bridge	9 9	17	18.7	9.4	14.1	+2.5	24.4	17,27	2.8	15	-	-	1.40	66	.39	30	14	9	0	0	0	0	1	0	0	-	0	-	-
Anglesey	Valley	21-9	33	15.6	9.4	12.5	+1.5	23.0	17	6.5	5	-	-	2.82	125	1.04	10	14	13	0	0	0	0	2	1	0	0	4	5.92	82
Denbigh	Colwyn Bay ...	9 9	118	16.7	9.6	13.1	+1.8	23.9	17	6.7	15	12.6		.85	41	.20	30	13	8	0	0	0	0	0	0	0	-	0	5.92	88
	Alwen	9 9	1100	15.2	6.3	10.7	-	21.7	17,27	1.1	15,16	-	-	2.30	-	.37	7,9	15	11	-	-	-	-	-	-	0	3	-	-	-
	Ruthin	9 9	248	17.2	8.3	12.7	-	22.8	17,27	4.4	15,16	-	-	1.16	-	.35	9	12	8	-	0	-	-	-	0	0	-	-	5.71	-
	Loggerheads ...	9 9	690	16.3	7.4	11.9	-	22.2	26,27	2.8	15,16	10.9	9.4	1.24	-	.27	1	12	9	0	0	0	0	1	1	0	0	0	-	-
	Bwlchgwyn ...	9 9	1267	14.7	6.8	10.7	-	20.6	17,25,27	2.8	1	9.1	-	1.48	-	.29	7	14	11	0	0	0	0	0	3	0	6	0	-	-
	Wrexham ...	9 9	275	18.1	8.6	13.3	-	23.3	25,26,27	2.2	15	11.8	9.7	1.80	-	.65	29	11	9	0	0	0	0	1	2	0	3	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	14.1	9.5	11.8	-	20.5	17	7.5	1	-	-	1.98	-	.50	9	13	9	-	0	-	-	-	2	0	0	-	-	-
	Botwnnog ...	9 9	112	16.1	9.1	12.6	-	23.9	26	6.7	4,14,19	13.2	10.7	2.40	-	.54	10	13	9	0	0	0	0	1	1	0	0	0	6.10	-
	Bryn Adda ...	9 9	275	16.2	8.9	12.5	-	23.9	27	5.6	14	-	-	4.36	-	1.74	10	16	12	0	0	0	0	0	0	0	1	0	5.50	-
	Cwm Dyli ...	9 9	324	15.9	9.1	12.5	-	25.0	17	3.3	15	11.5	-	9.71	-	2.18	10	18	15	-	0	-	-	-	1	0	1	-	-	-
	Aber	9 9	60	16.6	9.7	13.1	+1.8	23.3	27	6.1	15	-	-	3.40	130	1.27	10	15	12	0	0	0	0	0	0	0	0	0	5.40	82
	Llandudno ¶§	9 9	13	16.1	10.2	13.1	+1.8	23.9	27	6.1	15	-	-	1.35	65	.31	10	13	10	0	0	0	0	0	0	0	-	0	6.68	98
Merioneth	Llyn Stwlan ...	9 9	1656	11.7	6.2	8.9	-	20.6	27	2.8	1	-	-	10.05	-	3.12	10	20	15	-	0	-	-	-	-	0	0	-	-	-
	Blaenau Ffestiniog	9 9	750	15.0	7.7	11.3	-	24.4	30	4.4	2,30	-	-	6.81	-	1.80	10	15	14	0	0	0	0	0	2	0	-	1	4.02	- S
	Corwen	9 9	473	13.1	7.0	10.1	-	18.9	17	0.6	15	-	-	1.84	-	.51	7	11	10	0	0	0	0	1	-	0	0	0	-	-
Montgomery	Ceinws	9 9	200	17.3	8.2	12.7	-	24.4	26	0.0	15	-	-	5.52	-	1.22	10	14	12	-	-	-	-	-	0	0	1	-	-	-
	Lake Vyrnwy ...	9 9	995	15.3	7.6	11.5	-	22.2	26	2.2	15	10.6	-	4.49	123	.56	3	16	13	0	0	0	0	1	0	0	1	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	15.2	9.2	12.2	+1.6	23.3	17	4.3	15	-	-	2.18	92	.40	10	18	11	0	0	0	0	2	0	0	1	0	6.07	-
	Aberystwyth ...	9 9	12	16.2	8.9	12.5	+1.1	26.7	17	5.6	1,4	-	-	1.47	-	.25	9	11	11	-	0	-	-	-	0	0	-	-	6.81	105
	" P.B.S.*	9 9	452	16.0	8.7	12.3	+1.4	24.4	17	2.8	15	-	-	2.90	122	.92	10	15	13	0	0	0	0	0	1	0	-	0	5.23	82
	Gogerddan ...	9 9	103	17.2	9.3	13.3	-	25.6	17	1.1	15	-	-	2.92	123	.99	10	13	11	0	0	0	0	0	0	0	2	0	5.13	-
	Swyddffynnon ...	9 9	540	16.7	7.6	12.1	-	23.3	17,26,28	0.6	15	-	-	2.76	-	.62	10	13	11	-	0	-	-	-	0	0	1	-	4.90	-
	Trawscoed ...	9 9	200	17.3	8.6	12.9	-	24.4	17	0.0	15	10.6	-	2.52	94	.71	10	14	10	0	0	0	0	0	0	1	1	0	4.74	-
	Llety-evan-hen ...	9 9	950	15.3	8.5	11.9	-	22.8	17	5.0	1,15	-	-	4.27	-	1.44	10	15	13	0	0	0	0	0	1	0	1	0	4.55	77
	Cwmystwyth ...	9 9	989	15.2	7.5	11.3	-	22.2	17,26	-0.6	15	-	-	3.60	-	.86	10	15	14	-	-	-	-	-	-	1	-	-	-	-
Pembroke	Dale Fort ...	9 9	109	14.9	9.1	12.0	-	23.9	31	3.9	21	12.7	-	1.88	-	.38	6	16	12	0	0	0	0	4	1	0	1	3	5.92	-
	Brawdy	9 9	360	14.2	8.6	11.4	-	21.1	17	4.4	15	-	-	3.64	-	.70	21	16	13	0	0	0	0	2	2	0	0	1	5.04	-
	Haverfordwest ...	9 9	131	16.0	9.1	12.5	+1.3	22.8	26	1.1	15	-	-	2.70	100	.60	6	17	15	0	0	0	0	1	0	0	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	16.7	8.6	12.7	-	25.0	26	0.6	15	13.4	10.6	3.13	-	.61	6	21	13	0	0	0	0	1	0	0	4	0	5.87	-
Radnor	Llandrindod Wells ¶§	9 9	772	16.8	7.8	12.3	+1.7	22.2	27	0.0	15	10.9	-	2.93	138	1.20	30	17	15	0	0	0	0	0	0	1	-	0	4.54	81
Brecknock	Llwynon ...	9 9	860	15.7	7.4	11.5	-	21.7	17,26	1.1	15	-	-	3.63	-	.60	6	20	14	0	0	0	0	0	2	0	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117	14.6	10.0	12.3	-	23.5	26	4.6	14,15	-	-	-	-	-	-	-	-	0	0	0	0	2	1	0	0	3	-	-
	Swansea ...	9 9	27	17.1	10.3	13.7	+1.3	25.6	26	6.7	14,15	14.9	12.6	2.65	131	.71	21	20	11	0	0	0	0	2	0	0	-	0	6.10	95
	Port Talbot ...	9 9	24	17.8	10.3	14.1	-	23.9	31	4.4	15	-	-	2.60	-	.78	21	18	13	0	0	0	0	0	1	0	0	-	4.35	- S
	Neath	9 9	202	16.6	9.8	13.2	-	24.4	26	3.9	15	-	-	2.89	-	.82	21	18	12	0	0	0	0	1	1	0	0	0	-	-
	Rhoose	21-9	220	16.5	9.2	12.9	-	22.7	17	3.1	15	-	-	2.22	93	.44	21	11	10	0	0	0	0	1	0	0	1	1	5.46	-
	Cardiff ... ¶§	9 9	202	17.5	8.9	13.2	+1.3	23.3	17	5.6	1	12.8	10.6	2.11	72	.35	21,31	16	10	0	-	0	0	0	0	0	2	0	6.04	95
Monmouth	Tredegar ...	9 9	1028	15.3	7.4	11.3	-	22.2	26	1.1	15	-	-	3.09	-	.50	9	18	17	0	0	0	0	0	5	0	2	1	4.93	- S
	Newport ...	9 9	75	17.3	9.3	13.3	+1.2	23.3	26	3.9	5	-	-	2.03	76	.36	6	17	12	0	0	0	0	1	0	0	1	0	6.11	-
	Usk	9 9	70	17.2	8.2	12.7	-	22.8	17	0.6	15	12.4	-	2.17	83	.37	31	14	11	0	0	0	0	1	0	0	1	0	4.74	-
	Crumbland Plantation	9 9	804	15.7	8.0	11.9	-	21.7	17	3.9	1	11.7	9.8	2.13	-	.42	30	14	12	0	0	0	0	1	3	0	1	0	4.94	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	14.7	7.4	11.1	-	20.6	26	0.6	15	-	-	3.92	-	.68	23	18	13	0	0	0	0	3	4	0	1	0	5.41	-
	Cannington ...	9 9	95	17.4	9.1	13.3	-	22.8	17	2.8	15	12.3	-	2.64	119	.80	23	15	9	-	-	-	-	-	1	0	-	-	6.10	92
	Weston-s.-Mare	9 9	28	17.4	10.1	13.7	+1.6	23.9	17	5.0	15	-	-	1.79	77	.44	13	12	9	0	0	0	0	0	1	0	0	0	5.86	91
	Long Ashton ¶§	9 9	162	17.6	8.9	13.3	+1.5	23.9	17	4.4	14,15	13.2	-	2.14	84	.44	2	14	12	0	0	0	0	1	0	0	2	0	6.08	97
	Wincanton ...	9 9	375	17.8	8.3	13.1	-	22.2	17	4.4	15	-	-	3.90	-	.87	23	15	12	0	0	0	0	6	1	0	1	0	-	-
	Bath City Boys' School	9 9	388	17.1	8.9	13.0	-	22.2	17	5.6	6	12.4	-	2.74	-	.83	31	13	10	0	0	0	0	2	0	0	-	0	5.45	-
Dorset	Lyme Regis ...	9 9	200	16.0	8.6	12.3	-	23.3	31	5.6	15,16	-	-	3.10	-	.72	24	14	10	0	0	0	0	4	1	0	0	0	5.57	- S
	Portland Bill ...	21-9	35	14.0	9.8	11.9	+0.7	19.6	31	8.0	1	-	-	2.15	122	.32	23	18	12	0	0	0	0	1	0	0	-	4	-	-
	Weymouth ...	9 9	16	17.2	9.9	13.5	+1.3	21.7	26,31	6.7	20	-	-	2.19	112	.41	23	13	10	-	0	-	-	-	0	0	-	-	6.76	93
	Winfrith ...	9 9	85	16.5	7.9	12.2	-	23.3	16	1.7	15	-	-	3.41	-	.57	30	17	12	-	0	-	-	-	1	0	1	-	-	-
	Shaftesbury ...	9 9	680	15.7	8.2	11.9	+1.0	21.1	31	5.0	15,18	-	-	4.47	209	1.03	31	14	14	-	0	-	-	-	0	0	-	-	-	-
	Swanage ...	9 9	37	15.8	9.6	12.7	-	20.6	31	5.6	14,15	-		3.78	-	.80	31	15	12	0	-	0	0	2	0	0	0	0	6.50	89
	Poole	9 9	18	17.2	8.7	12.9	-	21.7	17,18,30	3.9	15	-	-	4.63	-	1.00	24	16	14	0	0	0	0	2	0	0	-	0	6.27	89

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER May 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b	ENGLAND, S.W.—cont.																													
Devon	Clawton	9 9	412	16.5	5.8	11.1	-	23.3	26	-1.7	15	-	-	2.71	-	.65	21	16	11	0	0	0	0	2	0	1	-	0	-	-
	Hartland Point ...	21-9	298	14.2	9.6	11.9	-	20.7	18	7.1	15	-	-	3.02	-	.70	21	16	14	0	0	0	0	0	1	0	0	5	6.52	94
	Mount Batten ...	21-9	87	15.3	9.7	12.5	+0.8	21.4	26,31	3.7	15	-	-	2.61	109	.57	21	16	12	0	0	0	0	3	0	0	0	0	5.96	84
	Plymouth, The Hoe	9 9	119	15.9	9.8	12.9	+0.7	22.2	31	5.0	14,15	13.5	11.4	2.52	106	.59	21	17	12	0	0	0	0	1	1	0	0	0	5.55	80
	Tavistock ...	9 9	457	16.3	8.8	12.5	+1.1	23.9	26	3.3	14,15	-	10.7	3.03	-	.67	21	18	14	0	0	0	0	2	0	0	4	0	-	-
	Chivenor ...	21-9	20	17.3	9.8	13.5	-	23.0	31	2.6	15	-	-	2.63	-	.66	21	13	10	0	0	0	0	2	0	0	0	1	5.77	-
	Ilfracombe ...	9 9	25	15.8	10.8	13.3	+1.4	22.8	17	5.6	15	14.6	12.4	2.76	123	.69	21	12	11	0	0	0	0	2	0	0	0	0	6.49	92
	Totnes	9 9	120	17.8	8.5	13.1	-	23.9	26	0.6	15	13.4	10.6	3.02	102	.63	23	18	13	0	0	0	0	2	0	0	5	0	6.03	-
	Slapton	9 9	104	15.3	9.5	12.4	-	20.6	26	6.1	5	-	-	3.06	-	.55	2	14	13	0	0	0	0	1	2	0	0	0	-	-
	Newton Abbot ...	9 9	272	16.3	8.4	12.3	+0.7	22.2	26	2.8	15	-	-	2.53	100	.62	23	13	10	0	0	0	0	0	1	0	0	0	6.02	94
	Paignton ...	9 9	8	16.5	9.6	13.1	-	21.1	26	4.4	15	-	-	2.72	108	.69	23	17	11	0	0	0	0	1	0	0	0	0	6.51	95
	Torquay ...	9 9	26	16.5	9.8	13.1	+1.0	21.8	26	5.6	14,15	-	12.1	2.40	106	.62	23	15	10	0	0	0	0	0	1	0	0	0	6.34	88
	Teignmouth ¶§	9 9	20	16.3	9.8	13.1	+1.0	21.7	26	5.0	15	-	-	2.76	122	.63	31	13	11	0	0	0	0	0	0	0	0	0	6.19	88
	Starcross ...	9 9	29	16.7	8.9	12.8	-	21.7	26,31	3.3	15	12.7	-	2.02	87	.48	23	14	10	0	0	0	0	1	1	0	0	0	6.14	-
	Exeter, Southam	9 9	160	17.0	8.8	12.9	-	22.2	26	2.2	15	-	-	1.26	-	.49	23	11	8	-	0	-	-	-	-	0	-	-	-	-
	Exmouth ...	9 9	195	16.2	9.3	12.7	+1.4	22.2	26	4.4	15	-	-	1.96	84	.47	23	12	9	0	0	0	0	4	1	0	-	0	5.96	88
	Exeter	21-9	106	17.2	9.0	13.1	-	22.0	12,26,31	2.4	15	-	-	1.95	88	.65	21	14	8	0	0	0	0	3	0	0	3	0	5.35	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	14.4	10.8	12.6	+0.9	20.0	26	7.5	14	-	-	3.07	141	.73	31	18	15	0	0	0	0	2	2	0	-	2	5.82	77
	Penzance ...	9 9	62	15.8	9.7	12.7	+0.5	21.7	26	3.3	15	-	-	3.17	130	.60	28	20	16	0	0	0	0	0	0	0	-	0		
	Gulval	9 9	50																											
	Culdrose ...	9 9	268	14.7	9.3	12.0	-	20.0	26	5.0	14	-	-	2.99	-	.64	28	16	12	0	0	0	0	0	2	0	2	0	5.78	-
	Rosewarne ...	9 9	250	15.1	9.5	12.3	-	20.6	31	3.9	15	12.6	11.3	3.18	136	.73	28	17	15	0	0	0	0	0	2	0	1	0	5.07	-
	Lizard	9 9	240	14.2	9.6	11.9	+0.5	17.7	26	5.8	14	-	-	2.38	120	.50	31	20	13	0	-	0	0	0	-	0	-	4	6.00	-
	Falmouth ¶§	9 9	167	15.2	9.2	12.2	+0.3	21.1	26	4.4	15	-	-	2.75	106	.62	28	15	12	0	0	0	0	0	0	0	-	0	5.24	74
	Newquay ...	9 9	176	15.6	9.6	12.6	+1.1	22.8	31	2.8	15	-	-	2.60	119	.42	23	14	12	0	-	0	0	0	-	0	-	0	5.36	76
	St. Mawgan ...	21-9	337	15.4	9.4	12.4	-	22.9	31	5.0	15	-	-	2.84	-	.45	21	17	12	0	0	0	0	0	1	0	0	0	5.54	-
	St. Austell ...	9 9	310	15.9	9.4	12.7	-	22.8	26	6.7	10,15	-	-	3.39	111	.76	28	17	14	0	0	0	0	0	3	0	-	0	-	-
	Fowey	9 9	51	15.7	9.7	12.7	+0.6	21.1	31	3.9	15	-	-	2.57	-	.45	23	16	14	0	0	0	0	0	1	0	-	0	-	-
	Bude	9 9	50	15.9	9.6	12.7	+1.3	23.3	17,31	1.7	15	12.3	-	3.04	145	.71	23	17	14	-	0	-	-	-	-	0	-	-	5.27	77
	Ellbridge ...	9 9	190	16.3	8.9	12.6	+0.9	23.3	26	2.8	15	-	-	2.59	99	.55	23	17	13	0	0	0	0	0	1	0	0	0	5.29	78
9	NORTHERN IRELAND																													
Londonderry	Loughermore Forest	9 9	570	15.2	6.4	10.8	-	21.1	26	0.0	15	-	-	3.09	-	.73	7	18	14	0	0	0	0	0	0	0	2	0	-	-
	Ballykelly ¶§	21-9	6	16.2	8.1	12.1	+1.4	22.0	27	3.2	23	-	-	2.13	91	.78	7	17	12	0	0	0	0	0	0	0	0	0	5.91	92
	Derrynoyd Forest	9 9	290	15.9	7.1	11.5	-	21.1	24,26,30	2.2	15	-	-	3.33	-	.82	7	20	14	0	0	0	0	0	0	0	2	0	-	-
	Somerset Forest	9 9	140	15.8	7.2	11.5	-	21.7	26,27	3.3	23	-	-	2.42	-	.71	7	18	11	0	0	0	0	0	0	0	0	0	-	-
	Garvagh Forest	9 9	290	15.8	6.7	11.3	-	20.6	26,27,30	1.1	15	-	-	2.52	-	.50	7	19	13	0	0	0	0	1	0	0	4	2	-	-
	Moneydig ¶	21-9	112	16.2	7.3	11.7	+0.8	21.8	26	2.7	15	12.7	-	2.19	79	.36	7	20	14	0	0	3	0	1	0	0	4	2	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	1.95	-	.61	7	18	9	-	-	-	-	-	-	-	-	-	5.36	-
	Lisnafillan ...	9 9	124	16.1	7.6	11.9	-	20.6	26,27	3.9	1,15	-	-	2.21	-	.59	19	19	15	0	0	0	1	1	1	0	0	0	5.30	-
	Aldergrove ¶§	21-9	225	16.2	7.6	11.9	+1.4	21.5	25	4.F	15	11.7	8.9	2.09	-	.33	19	18	13	0	0	2	0	0	0	0	0	1	5.14	81
	Greenmount ...	9 9	105	16.2	7.9	12.1	-	21.1	25	3.9	23	11.9	-	1.75	-	.26	10	17	13	0	0	0	0	0	-	0	0	-	-	-
	Black Mountain	21-9	959	14.2	6.4	10.3	-	18.5	25,27	2.9	1	-	-	2.56	-	.41	10	19	17	0	0	0	2	0	6	0	-	2	-	-
	Ballypatrick Forest	9 9	500	14.8	6.7	10.7	-	19.4	26	3.3	2	-	-	2.03	-	.39	7	17	12	0	0	0	1	1	1	0	0	2	-	-
	Larne	9 9	140	16.2	7.5	11.9	-	21.1	26	4.4	5,13,15	-	-	2.91	-	.49	19	18	16	0	0	0	1	4	0	0	-	0	-	-
	Kilroot	9 9	71	15.3	7.9	11.6	-	19.4	26	5.0	5,15	-	-	2.01	-	.43	19	13	13	0	0	0	0	0	2	0	0	0	-	-
Down	Newry Abbey ...	9 9	32	16.4	8.1	12.3	-	21.7	26	5.0	2	-	-	2.08	-	.35	10	18	14	0	0	0	0	0	1	0	-	0	-	-
	Hillsborough §	9 9	379	15.2	7.4	11.3	+1.3	18.9	25,26	3.9	1	10.9	-	1.56	62	.29	7,10	14	13	0	0	0	0	1	0	0	0	0	5.46	88
	Kilkeel	21-9	58	14.7	8.3	11.5	-	20.0	25	5.0	1	-	-	2.15	-	.42	10	20	13	0	0	0	0	0	1	0	0	2	5.27	-
	Tollymore Park	9 9	249	15.9	7.9	11.7	-	20.6	27	5.0	1	-	-	2.35	-	.53	9	17	13	0	0	0	0	1	2	0	0	0	-	-
	Stormont Castle	9 9	185	15.8	7.7	11.9	-	20.0	25,26	4.4	1,10,13	12.6	10.1	1.82	-	.36	19	15	12	0	0	0	1	0	2	0	0	-	5.69	-
	Crossgar ...	9 9	119	15.5	7.8	11.7	-	19.4	27	5.0	1	-	-	1.55	-	.38	10	17	19	0	0	0	0	1	2	0	0	2	-	-
	Creighton's Green	9 9	391	14.7	7.5	11.1	-	18.9	27	5.0	1,8,15	-	-	1.75	-	.25	9	16	13	0	0	1	0	2	1	0	0	4	-	-
	Helen's Bay ...	9 9	140	15.7	8.2	11.9	-	20.6	27	5.6	1,8,10	-	-	2.01	-	.33	19	18	11	0	0	0	1	2	0	0	1	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	13.5	8.1	10.8	-	18.5	25,26	5.7	14	-	-	1.49	-	.21	10	18	13	0	0	0	0	1	2	0	0	2	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.44	-
Armagh	Armagh ¶§	9 9	202	16.4	8.1	12.3	+1.4	20.6	25,27,30	4.4	1	13.4	11.1	1.85	78	.28	9	18	13	0	0	1	0	0	0	0	0	2	5.48	92
	Loughgall ...	9 9	92	16.2	7.6	11.9	-	20.6	26	3.3	15,23	-	-	1.37	-	.21	9,10	19	11	0	0	0	0	0	0	0	5	1	5.30	-
	Glenanne ...	21-9	438	15.7	7.9	11.8	-	20.0	25,26	4.5	1	-	-	2.32	-	.40	10	20	13	0	0	0	0	0	1	0	0	3	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	1.93	71	.38	10	19	12	-	-	-	-	-	-	-	-	-	5.38	86
Tyrone	Lough Bradan ...	9 9	554	15.2	6.2	10.7	-	20.6	26,27	1.1	15	-	-	4.06	-	.60	10	23	18	-	-	-	-	-	0	0	2	0	5.08	-
	Baronscourt Forest	9 9	290	16.0	7.4	11.7	-	22.8	26	1.7	15,23	-	-	3.98	-	.91	7	21	15	0	0	0	0	1	0	0	2	0	-	-
	Carrigans ...	21-9	371	15.7	7.5	11.6	-	21.8	30	3.2	15	-	-	3.58	-	.68	7	23	19	0	0	1	0	1	0	0	4	3	-	-
	Lislap Forest ...	9 9	685	15.0	6.7	10.9	-	20.0	25,26	1.7	15	11.7	-	3.29	-	.71	7	24	16	0	0	0	0	0	0	0	3	0	-	-
	Knockmany Forest	9 9	239	15.8	6.9	11.3	-	21.1	24,25	1.7	15	-	-	2.80	-	.78	7	19	15	0	0	1	0	1	0	0	3	0	-	-
	Pomeroy Forest	9 9	540	15.3	6.9	11.1	-	19.4	24,26,30	3.9	1,8,13	11.1	-	2.91	-	.43	7	22	18	0	0	0	0	1	0	0	1	0	-	-
	Cookstown ...	9 9	253	15.6	7.3	11.5	-	20.6	25	3.3	5,13	11.6	-	2.56	-	.38	10	21	16	-	-	-	-	-	0	0	0	-	-	-
Fermanagh	Roscor	9 9	470	15.6	7.4	11.5	-	22.2	27	3.3	13,15	-	-	2.87	98	.34	7	19	16	-	-	-	-	-	0	0	0	0	-	-
	Lough Navar Forest	9 9	485	15.3	7.3	11.3	-	21.7	30	3.3	13,15	-	-	3.11	-	.46	7	18	18	0	0	0	0	1	0	0	2	1	-	-
	Ely Lodge ...	21-9	210	16.0	8.2	12.1	-	21.6	27	4.6	15	12.2	9.5	3.26	-	.67	7	19	17	0	0	0	1	1	0	0	1	0	5.14	-
	Castle Archdale Forest ¶§	9 9	215	15.7	7.9	11.8	+0.9	21.7	27,30	3.3	15	11.8	-	3.03	-	.70	7	18	16	0	0	0	0	0	0	0	2	0	5.27	85
	Pubble Forest ...	9 9	290	15.6	7.2	11.4	-	21.1	26,27,30	1.1	15	-	-	3.21	-	.51	7	18	16	0	0	0	0	0	0	0	2	0	-	-
	CHANNEL ISLES																													
Guernsey	States Airport ...	21-9	340	15.4	9.8	12.6	+0.9	23.0	17	7.8	8	14.0	11.6	2.62	128	.51	24	15	13	0	0	0	0	3	5	0	0	0	6.44	-
Alderney	States Airport ...	9 9	288	14.2	9.6	11.9	-	18.9	17	7.2	15	12.7	-	4.49	-	1.04	30	17	12	0	0	0	0	2	5	0	-	0	6.12	-
Jersey	Jersey Airport ...	9 9	273	16.1	9.9	13.0	-	24.5	17	7.1	15	-	-	3.38	185	.91	30	15	11	0	-	0	0	4	1	0	0	0	6.77	-
	St. Helier ...	9 9	28	16.8	10.9	13.9	+0.8	26.7	17	8.9	1,9	-	-	3.54	209	1.03	30	15	9	0	-	0	0	2	1	0	-	0	6.89	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.34	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. § *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

Table IV—Summary of Observations at Fixed Hours May 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																					
0 SCOTLAND, N.																																													
Zetland — Lerwick Observatory H	3	273	1010.3	-	7.2	0.6	9.3	91	6.3	0	3	6	9	9	4	1	3	0	0	1	2	5	7	8	4	1	3	9	18	0	2	3	3	5	6	8	4	0
	9	273	1010.5	-3.8	9.0	1.1	9.7	85	6.4	0	3	5	11	12	0	0	0	1	3	0	3	3	8	7	6	1	2	18	10	0	1	5	2	5	6	8	3	1
	15	273	1010.9	-	9.7	1.4	9.8	82	6.3	0	1	7	13	8	2	0	1	1	2	0	0	6	6	10	5	2	2	15	12	0	0	2	5	3	9	5	4	3
	21	273	1011.2	-	7.7	0.8	9.4	89	5.9	0	5	3	15	7	1	0	1	0	1	0	1	6	9	9	4	1	4	8	18	0	3	2	5	3	5	9	3	1
Orkney — Kirkwall ... H	3	86	1010.3	-	7.7	0.6	9.7	92	6.2	0	4	4	9	13	1	0	0	1	0	2	0	9	2	10	7	0	0	19	10	2	0	2	4	7	2	10	4	0
	9	86	1010.6	-	9.8	1.2	10.4	85	6.6	0	2	4	12	13	0	0	0	0	0	0	2	8	6	5	10	1	3	18	8	0	2	1	5	3	6	6	7	0
	15	86	1011.0	-	10.9	1.8	10.1	77	5.9	0	5	5	9	12	0	0	0	0	0	0	2	5	5	7	12	0	8	14	9	0	2	3	6	4	5	3	7	1
	21	86	1011.1	-	8.5	0.8	9.9	89	6.8	0	2	2	16	9	2	0	0	2	0	0	0	7	5	10	7	0	0	19	12	0	1	2	6	6	5	4	7	0
Caithness — Wick ... H	3	121	1010.2	-	7.6	0.7	9.5	90	6.1	0	3	7	8	10	3	0	3	0	1	0	0	8	2	9	8	0	0	17	14	0	2	2	4	6	9	6	2	0
	9	121	1010.7	-3.6	9.7	1.4	10.0	83	6.8	0	1	3	14	10	3	0	0	1	2	0	1	4	7	4	12	0	5	10	15	1	0	2	4	5	8	2	9	0
	15	121	1010.9	-	10.9	2.0	9.8	75	6.5	0	3	4	12	10	2	0	0	1	1	0	2	4	5	4	14	0	6	16	9	0	2	4	4	5	6	2	7	1
	21	121	1011.2	-	8.5	1.0	9.7	87	6.5	0	3	3	13	8	4	0	2	2	1	1	0	7	1	6	11	0	0	15	15	1	0	4	3	9	6	5	3	0
Sutherland — Cape Wrath ...	3	371	1008.4	-	8.4	0.7	10.0	91	6.7	0	2	2	11	11	5	0	4	0	1	0	1	3	0	6	16	0	3	13	14	1	0	0	7	5	2	11	5	0
	9	371	1009.0	-	8.9	0.9	10.0	87	6.9	0	2	2	9	13	5	0	4	0	1	0	0	3	4	4	15	0	4	12	14	1	0	0	12	0	0	15	1	2
	15	371	1009.1	-	9.9	1.0	10.5	87	6.6	0	0	6	14	7	4	0	3	1	0	0	0	3	3	9	12	0	4	14	13	0	1	0	11	2	1	13	2	1
	21	371	1009.2	-	8.9	1.0	10.0	88	6.8	0	1	3	12	12	3	1	2	0	0	0	1	4	7	6	10	0	6	15	10	0	0	1	11	3	1	13	2	0
Ross & Cromarty — Stornoway H	3	16	1009.1	-	8.6	0.4	10.6	94	5.8	0	7	5	4	15	0	0	0	0	0	0	0	10	9	10	2	0	0	18	12	1	2	5	2	3	8	7	3	0
	9	16	1009.8	-4.1	10.5	1.1	10.9	86	6.0	0	3	5	16	6	1	0	0	0	1	0	1	2	6	18	3	0	5	13	11	2	0	7	2	2	10	4	3	1
	15	16	1009.8	-	11.0	1.3	11.1	84	6.5	0	1	6	14	10	0	0	0	0	0	0	0	6	10	7	8	1	6	15	9	0	0	9	2	4	7	5	3	1
	21	16	1010.1	-	9.0	0.7	10.4	90	5.8	0	4	8	11	7	1	0	0	0	1	0	0	6	7	11	6	0	2	9	20	0	2	9	2	1	8	7	2	0
Inverness — Benbecula H	3	21	1009.0	-	9.0	0.7	10.4	91	5.5	2	3	8	8	10	0	0	0	0	0	0	1	6	9	14	1	1	8	15	7	0	1	3	5	4	8	6	3	1
	9	21	1009.4	-	10.9	1.2	11.1	85	6.4	0	2	3	21	5	0	0	0	0	0	0	0	3	15	8	4	1	9	14	7	0	2	3	6	3	5	8	3	1
	15	21	1009.3	-	12.3	1.6	11.7	82	5.5	1	6	4	12	8	0	0	0	0	0	0	1	3	13	8	6	1	8	15	7	0	1	1	4	2	7	8	3	5
	21	21	1009.7	-	9.8	0.8	10.9	89	5.6	0	4	10	9	8	0	0	0	0	0	1	0	2	14	10	4	0	4	18	8	1	3	4	5	3	5	7	2	1
1 SCOTLAND, E.																																													
Moray — Kinloss ... H	3	19	1010.7	-	8.6	1.0	9.8	87	6.6	0	2	3	15	9	2	0	1	1	0	3	2	2	3	7	12	0	0	9	21	1	0	3	6	0	4	16	1	0
	9	19	1011.1	-	11.5	2.0	10.3	76	6.6	0	1	4	20	6	0	0	0	0	0	0	3	3	4	7	14	0	6	12	13	0	2	4	6	0	4	7	8	0
	15	19	1010.9	-	13.1	2.7	10.6	71	5.9	0	4	5	16	6	0	0	0	0	0	0	2	5	5	3	16	0	6	17	8	0	4	5	6	0	5	4	7	0
	21	19	1011.3	-	9.9	1.3	10.1	82	6.1	0	4	4	14	8	1	0	0	1	1	2	0	6	2	4	15	0	0	12	19	0	1	1	11	1	4	11	2	0
Aberdeen — Dyce ... H	3	193	1011.7	-	7.5	0.7	9.4	90	6.5	1	1	4	12	7	6	0	2	3	3	1	2	2	4	9	5	0	0	6	13	12	1	1	1	2	2	10	1	1
	9	193	1012.0	-2.8	11.5	2.3	9.9	73	6.2	1	2	4	16	5	3	0	0	0	3	0	3	6	2	6	11	0	2	17	12	0	1	3	3	5	6	5	6	2
	15	193	1011.9	-	13.3	3.2	9.8	65	6.0	0	3	4	17	6	1	0	0	1	0	0	2	7	5	4	12	0	5	16	10	0	0	3	7	4	7	4	4	2
	21	193	1012.4	-	9.4	1.5	9.6	82	5.8	0	5	6	9	7	4	0	0	1	5	1	2	6	3	5	8	0	1	11	12	7	2	0	2	6	5	5	3	1
Rattray Head ...	3	108	1011.5	-	7.7	0.7	9.5	90	6.1	0	1	9	9	4	8	0	5	1	2	0	2	2	16	3	0	0	1	11	17	3	2	0	2	3	17	1	3	0
	9	108	1011.9	-	9.7	1.4	9.8	83	6.0	0	2	7	14	2	6	0	3	1	3	1	1	1	7	14	0	0	1	18	11	1	4	1	3	5	8	2	7	0
	15	108	1011.9	-	11.4	2.1	10.1	77	5.9	0	1	11	13	3	3	0	1	1	1	0	1	3	9	15	0	0	6	15	10	0	5	1	6	3	6	2	7	1
	21	108	1012.1	-	9.2	1.2	9.9	85	5.7	0	2	10	13	2	4	0	4	0	0	0	1	6	8	12	0	0	0	15	15	1	5	1	4	4	9	3	4	0
Fife — Leuchars ... H	3	38	1011.6	-	8.0	0.6	9.8	91	5.9	0	4	8	6	10	3	0	1	1	2	4	2	0	9	9	3	0	2	9	15	5	0	3	4	1	2	9	7	0
	9	38	1012.1	-2.7	11.0	1.7	10.4	80	6.1	0	3	7	12	8	1	0	0	0	2	1	5	1	3	14	5	1	4	13	12	1	0	3	6	0	3	6	10	2
	15	38	1012.0	-	13.0	2.6	10.6	72	6.0	1	2	5	15	8	0	0	0	0	0	3	3	1	2	15	7	0	6	16	9	0	0	2	9	1	2	8	8	1
	21	38	1012.2	-	9.5	1.2	10.1	85	5.6	0	6	5	11	5	4	0	0	1	3	2	1	4	7	7	6	0	0	12	17	2	0	4	5	2	0	9	8	1
Midlothian — Turnhouse H	3	144	1012.6	-	8.6	0.7	10.1	90	6.5	0	2	6	9	12	2	0	0	1	3	2	2	4	5	13	1	1	0	12	15	3	0	2	8	0	3	14	1	0
	9	144	1012.8	-	11.3	1.9	10.3	77	6.5	0	1	4	19	7	0	0	0	0	0	4	4	2	4	15	2	0	5	14	12	0	1	7	4	0	3	11	4	1
	15	144	1012.5	-	13.1	2.6	10.6	70	6.2	0	2	9	11	9	0	0	0	0	0	1	4	4	3	11	8	0	4	17	10	0	2	7	3	1	4	8	6	0
	21	144	1012.8	-	9.9	1.2	10.4	85	5.9	0	6	3	12	8	2	0	1	2	1	0	3	7	9	5	3	0	1	12	17	1	1	4	5	1	5	14	0	0
6a SCOTLAND, W.																																													
Argyll — Tiree ... H	3	34	1009.9	-	9.3	0.6	10.8	92	5.5	1	4	5	14	7	0	0	0	0	0	0	4	6	9	9	3	0	6	13	8	4	3	1	2	5	6	6	4	0
	9	34	1010.2	-3.8	11.4	1.2	11.6	86	5.9	1	3	6	12	9	0	0	0	1	0	0	0	12	8	7	3	0	6	12	11	2	4	0	4	7	3	8	2	1
	15	34	1010.3	-	12.5	1.6	11.9	82	5.7	1	3	7	13	7	0	0	0	0	1	0	1	10	7	8	4	1	4	15	11	0	6	0	3	5	4	9	3	1
	21	34	1010.5	-	10.1	0.8	11.2	90	5.7	1	4	8	9	9	0	0	0	0	0	0	0	10	9	8	4	0	2	14	13	2	3	2	5	5	2	8	4	0
Rhuvaal ... H	3	63	1011.3	-	9.7	1.2	10.3	86	4.9	0	7	11	7	6	0	0	0	0	0	0	0	0	0	21	10	0	5	16	10	0	0	1	2	3	8	9	7	1
	9	63	1011.7	-	11.9	1.9	10.9	80	5.5	0	6	6	14	5	0	0	0	1	0	0	0	0	1	24	5	0	7	13	11	0	0	0	5	2	9	4	7	4
	15	63	1011.4	-	13.2	2.3	11.3	75	5.5	0	3	11	7	10	0	0	0	0	0	0	0	1	3	20	7	1	7	14	9	0	2	0	2	2	8	3	12	2
	21	63	1011.5	-	10.9	1.6	10.6	82	5.6	0	4	7	11	9	0	0	0	0	0	0	0	1	0	25	5	0	6	15	9	0	3	0	5	2	6	3	11	1
Renfrew — Renfrew ... H	3	29	1012.0	-	9.3	0.7	10.6	89	6.2	0	2	7	9	13	0	0	0	0	0	0	1	11	15	4	0	0	1	13	10	7	0	5	3	1	4	9	2	0
	9	29	1012.4	-2.5	11.7	1.8	10.9	79	5.9	0	4	6	14	7	0	0	0	0	0	0	2	12	12	4	1	0	2	16	10	3	0	7	3	2	4	9	3	0
	15	29	1011.9	-	14.7	3.2	11.3	68	5.9	2	4	3	11	11	0	0	0	0	0	1	0	12	11	5	2	0	3	20	7	1	0	8	3	1	4	10	3	1
	21	29	1012.4	-	11.2	1.5	11.0	82	6.1	1	2	4	17	7	0	0	0	0	0	0	0	23	8	0	0	0	0	16	12	3	0	3	6	2	3	10	4	0
Lanark — Lowther Hill H	3	-																																											
	9	-																																											
	15	-																																											
	21	-																																											
Ayr — Prestwick Airport H	3	69	1011.9	-	9.2	0.9	10.3	89	6.1	0	3	5	15	8	0	0	0	0	0	0	0	7	17	7	0	0	1	16	13	1	1	5	3	4	8	7	2	0
	9	69	1012.1	-	12.4	1.9	11.2	78	5.5	0	6	5	15	5	0	0	0	0	0	0	0	3	15	11	2	0	1	22	8	0	0	7	2	4	7	10	1	0
	15	69	1011.8	-	14.5	2.8	11.7	72	6.1	0	4	4	12	11	0	0	0	0	0	0	0	4	10	12	5	0	2	18	11	0	1	4	3	2	7	9	4	1
	21	69	1012.0	-	11.3	1.4	11.2	83	6.1	0	3	6	15	7	0	0	0	0	0	0	0	5	14	11	1	0	0	13	15	2	0	4	5	2	8	7	3	0
Dumfries — Eskdalemuir Observatory H	3	778	1013.5	-	7.1	0.6	9.3	91	5.9	0	5	7	8	11	0	0	0	2	1	1	3	8	7	9	0	0	0	6	21	4	7	2	1	0	7	7	3	0
	9	778	1013.4	-1.3	10.8	1.8	10.2	79	6.6	0	2	5	11	13	0	0	0	0	0	0	2	6	12	11	0	0	2	8	20	1	2	5	2	0	6	12	3	0
	15	778	1012.9	-	13.4	2.9	10.6	71	6.1	0	4	6	9	12	0	0	0	0	1	0	3	2	9	15	1	0	2	11	17	1	1	3	4	1	5	11	4	1
	21	778	1013.6	-	9.1	1.0	10.1	87	5.9	0	4	7	5	15	0	0	0	1	0	0	2	10	9	9	0	0	2	3	21	5	2	3	2	0	7	7	4	1
Wigtown — Mull of Galloway H	3	260	1012.8	-	9.0	0.7	10.3	90	5.2	1	5	8	9	6	2	0	2	0	1	0	2	7	8	11	0	1	10	13	6	1	2	3	4	1	2	12	3	3
	9	260	1013.0	-	10.8	1.3	10.9	85	6.0	0	3	7	10	8	3	0	3	0	0	0	0	2	11	14	1	2	9	9	10	1	1	3	3	2	1	12	8	0
	15	260	1012.7	-	12.3	1.7	11.5	81	6.1	0	2	7	14	4	4	0	4	0	0	0	0	2	10	14	1	2	10	11	8	0	1	1	5	2	1	15	4	1
	21	260	1012.8	-	10.4	1.2	10.8	86	5.9	0	3	8	11	8	1	0	1	0	0	1	0	4	14	11	0	2	6	12	10	1	3	1	6	0	2	14	2	2
6b ISLE OF MAN																																													
Isle of Man — Ronaldsway H	3	68	1013.2	-	9.5	0.9	10.5	88	4.6	0	10	6	9	6	0	0	0	0	0	0	2	8	5	8	8	0	3	18	6	4	3	4	3	0	3	8	6	0
	9	68	1013.6	-	11.7	1.5	11.2	82	5.7	0	7	2	13	9	0	0	0	0	1	0	3	5	13	2	7	0	7	15	7	1	0	4	3	4	7	8	4	0
	15	68	1013.2	-	13.6	2.2	11.9	77	6.2	1	4	2	11	12	1	0	0	0	1	0	2	6	12	3	7	0	5	17	9	0	0	3	5	2	6	14	0	1
	21	68	1013.2	-	11.0	1.3	11.1	85	5.9	0	3	9	9	9	1	0	0	0	2	0	1	5	13	5	5	1	1	11	16	2	2	5	3	1	4	8	5	1
Point of Ayre H	3	30	1012.6	-	9.4	0.7	10.8	91	4.4	1	9	7	13	1	0	0	0	0	0	0	0	4	8	13	0	0	3	14	12	2	2	6	0	3	6	9	3	0
	9	30	1013.0	-	11.9	1.4	11.5	82	5.8	0	2	13	5	11	0	0	0	0	0	0	0	5	5	20	1	0	6	18	7	0	1	5	2	6	5	8	4	0
	15	30	1012.9	-	14.5	2.5	12.1	74	5.8	1	0	11	10	9	0	0	0	0	0	0	1	5	7	17	1	0	5	16	10	0	1	6	2	5	6	9	2	0
	21	30	1012.6	-	10.8	0.9	11.4	89	5.5	0	1	16	6	8	0	0	0	0	0	0	0	4	8	17	2	0	3	12	14	2	2	7	0	2	6	11	1	0
2 ENGLAND, N.E.																																													
Northumberland — Acklington H	3	151	1013.1	-	8.3	0.7	10.0	91	5.6	2	5	4	10	8	2	0	1	0	3	3	1	5	5	7	6	1	0	11	17	2	6	0	1	1	3	9	7	2
	9	151	1013.4	-	12.3	2.2	10.6	74	6.2	0	2	7	17	5	0	0	0	0	0	0	2	7	5	10	7	0	3	18	10	0	5	2	3	1	3	11	6	0
	15	151	1013.2	-	14.4	3.1	10.9	67	6.2	0	3	4	17	7	0	0	0	0	0	0	3	4	9	5	10	0	7	13	10	1	2	5	1	5	5	10	2	0
	21	151	1013.6	-	10.2	1.1	10.7	86	5.8	0	4	6	12	8	1	0	0	1	1	1	4	7	7	9	1	0	0	13	15	3	5	2	0	2	4	11	3	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS May 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind. Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																			
2 ENGLAND, N.E. —cont.																																											
Tynemouth H	3	130	1013.7	-	9.3	1.0	10.2	87	5.8	2	4	5	7	8	5	2	3	0	1	1	1	7	7	9	0	0	1	11	15	4	6	0	0	1	7	4	9	0
	9	130	1014.0	-1.2	11.4	2.1	10.0	75	6.4	0	2	6	10	9	4	1	2	1	1	0	1	10	7	8	0	0	3	18	9	1	5	1	3	0	6	3	11	1
	15	130	1013.8	-	13.1	2.8	10.3	70	6.2	1	0	9	12	6	3	0	2	0	2	0	3	6	9	9	0	0	2	22	6	1	5	2	3	2	5	4	9	0
	21	130	1013.6	-	11.2	1.7	10.7	80	5.8	0	5	7	8	8	3	1	2	0	0	1	2	11	13	1	0	0	2	13	16	0	7	0	1	1	5	5	11	1
Durham — Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding — Dishforth ... H	3	131	1014.3	-	9.2	0.8	10.4	89	5.6	1	4	6	8	12	0	0	0	0	3	2	2	5	9	8	2	0	2	11	15	3	7	0	1	0	8	4	7	1
	9	131	1014.6	-	12.8	2.0	11.4	77	6.1	0	3	3	22	3	0	0	0	0	0	3	1	10	6	5	6	0	3	16	12	0	7	1	1	2	5	3	10	2
	15	131	1013.9	-	17.2	4.1	12.0	61	5.6	0	3	8	15	5	0	0	0	0	0	0	1	8	7	7	8	0	2	23	6	0	3	0	3	4	3	5	11	2
	21	131	1014.4	-	11.8	1.6	11.2	81	5.1	0	7	8	9	7	0	0	0	0	0	5	1	6	10	6	3	0	1	10	20	0	6	1	1	2	3	7	8	3
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1014.4	-	11.8	1.9	10.7	78	5.9	0	3	10	8	8	2	1	2	0	0	0	1	9	11	6	1	0	5	14	11	1	1	0	4	0	7	6	7	5
	15	210	1014.1	-	13.6	2.8	10.8	71	6.0	0	3	7	14	6	1	0	0	0	0	2	1	11	9	8	0	0	2	18	9	2	1	0	6	2	5	5	4	6
	21	210	1014.1	-	11.4	1.7	10.8	80	5.5	0	6	8	6	11	0	0	0	0	0	1	1	16	12	1	0	0	1	11	18	1	1	1	0	2	11	7	4	4
Yorks., E. Riding — Leconfield H	3	28	1014.8	-	9.2	0.8	10.5	90	5.5	1	7	4	7	9	3	0	2	1	0	1	3	9	10	5	0	0	0	10	17	4	7	1	1	0	5	8	5	0
	9	26	1015.1	-	13.5	2.4	11.4	73	5.3	0	7	5	17	2	0	0	0	0	0	0	0	9	13	8	1	0	2	17	11	1	5	4	0	1	4	6	9	1
	15	28	1014.5	-	16.6	4.2	11.1	58	5.5	1	3	9	13	5	0	0	0	0	0	0	2	12	13	4	0	5	22	4	0	1	5	4	0	5	5	9	2
	21	28	1014.9	-	11.7	1.8	10.9	79	4.8	0	8	6	12	5	0	0	0	0	0	0	4	8	12	4	3	0	1	6	24	0	4	5	0	2	6	10	4	0
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln — Waddington H	3	227	1015.3	-	9.2	0.8	10.5	90	4.7	2	10	4	5	9	1	0	0	0	1	1	3	13	10	3	0	0	0	10	21	0	4	2	5	0	4	13	3	0
	9	227	1015.6	-	13.4	2.2	11.7	75	5.8	0	2	8	13	8	0	0	0	0	0	0	0	6	14	11	0	0	1	18	12	0	1	6	2	1	4	8	7	2
	15	227	1014.7	-	17.3	4.2	11.8	59	5.4	0	5	9	14	3	0	0	0	0	0	0	0	1	8	19	3	0	4	18	9	0	0	6	3	0	5	8	6	3
	21	227	1015.2	-	11.9	1.7	11.2	80	4.9	1	7	7	11	5	0	0	0	0	0	0	0	7	18	6	0	0	1	13	16	1	1	5	4	2	4	8	4	2
Binbrook ... H	3	356	1015.1	-	8.8	0.7	10.2	90	5.1	3	4	7	8	7	2	0	2	0	1	0	3	14	6	4	1	0	0	17	12	2	6	0	2	0	8	10	3	0
	9	356	1015.3	-	12.6	2.2	10.9	74	5.8	1	2	8	15	5	0	0	0	1	0	0	0	10	13	7	0	0	1	17	13	0	3	4	2	1	4	9	7	1
	15	356	1014.6	-	15.6	3.8	11.0	62	5.6	1	2	8	16	4	0	0	0	0	0	0	0	3	17	10	1	0	0	21	10	0	0	5	4	0	5	9	6	2
	21	356	1015.0	-	11.3	1.8	10.6	79	5.0	2	7	5	11	6	0	0	0	0	0	0	3	11	9	8	0	0	1	13	17	0	3	2	4	3	4	11	4	0
Manby ... H	3	47	1015.2	-	8.7	0.6	10.4	92	4.8	4	5	4	12	5	1	0	1	1	0	2	1	17	8	1	0	0	1	9	18	3	5	2	1	0	5	8	7	0
	9	47	1015.6	-	13.5	2.2	11.7	76	5.4	1	5	6	12	7	0	0	0	0	0	0	3	8	14	6	0	0	2	12	17	0	2	5	2	1	3	10	5	3
	15	47	1015.0	-	16.4	3.7	11.9	64	5.8	1	2	8	14	6	0	0	0	0	0	0	0	1	22	8	0	0	1	16	14	0	1	5	4	2	4	7	6	2
	21	47	1015.3	-	11.2	1.3	11.2	84	4.7	1	9	5	10	6	0	0	0	0	0	0	5	11	12	3	0	0	0	8	21	2	3	1	4	3	3	11	2	2
3 ENGLAND, E.	3	89	1015.8	-	9.1	0.8	10.5	90	4.1	7	6	4	7	7	0	0	0	1	0	0	5	16	7	2	0	0	1	10	14	6	2	1	3	2	8	6	2	1
Norfolk — Marham H	9	89	1015.1	-	14.2	2.4	12.0	74	5.4	2	4	6	12	7	0	0	0	0	0	0	1	14	12	3	1	0	2	14	15	0	3	3	2	1	9	5	7	1
	15	89	1015.3	-	17.6	4.5	11.6	58	6.0	0	3	4	17	7	0	0	0	0	0	0	1	5	18	5	2	0	4	18	9	0	3	3	4	1	5	10	4	1
	21	89	1015.7	-	12.5	1.9	11.4	78	5.1	2	7	4	10	8	0	0	0	0	1	0	1	16	8	5	0	0	1	10	20	0	3	3	5	1	8	6	5	0
West Raynham H	3	263	1015.5	-	8.7	0.7	10.3	90	3.6	7	6	9	4	5	0	0	0	1	0	0	3	13	14	0	0	0	0	15	15	1	3	3	3	0	4	11	6	0
	9	263	1015.7	-	13.6	2.2	11.9	76	4.6	2	9	5	9	6	0	0	0	0	0	0	0	9	13	6	3	0	3	18	10	0	3	3	4	1	6	8	6	0
	15	263	1014.9	-	16.7	4.0	11.7	62	5.4	1	5	7	11	7	0	0	0	0	0	0	1	1	16	9	4	0	5	18	8	0	1	5	4	1	7	5	7	1
	21	263	1015.5	-	11.4	1.5	11.1	82	4.9	1	9	4	11	6	0	0	0	0	0	1	3	8	15	4	0	0	1	13	15	2	2	4	5	1	6	6	5	0
Coltishall ... H	3	57	1015.5	-	9.5	0.9	10.7	89	3.6	8	6	6	6	5	0	0	0	1	0	1	4	11	13	1	0	0	0	10	16	5	1	3	4	0	7	9	2	0
	9	57	1015.9	-	14.1	2.3	12.1	75	4.8	2	6	9	7	7	0	0	0	0	0	0	0	10	15	4	2	0	1	16	14	0	2	5	2	1	7	9	4	1
	15	57	1015.3	-	16.6	3.6	12.3	65	5.2	1	6	7	11	6	0	0	0	0	0	0	1	0	18	10	2	0	0	22	9	0	2	8	1	1	4	11	4	0
	21	57	1015.5	-	11.9	1.6	11.3	86	4.8	3	7	4	11	6	0	0	0	0	0	0	3	12	15	1	0	0	0	9	19	3	2	5	2	2	6	8	2	1
Gorleston H	3	26	1016.1	-	10.5	0.9	11.3	88	3.7	8	7	5	2	8	1	0	0	0	1	0	0	15	15	0	0	0	0	12	19	0	4	1	4	0	6	9	5	2
	9	26	1016.4	+1.0	12.7	1.7	11.7	80	4.7	3	7	8	5	8	0	0	0	0	0	0	0	22	9	0	0	0	0	14	17	0	5	2	2	2	7	3	7	3
	15	26	1016.0	-	13.8	2.1	12.1	78	5.5	1	4	6	15	5	0	0	0	0	0	0	0	20	11	0	0	0	0	21	10	0	3	7	2	4	6	5	3	1
	21	26	1016.0	-	12.7	1.7	11.8	80	4.5	4	6	6	7	8	0	0	0	0	0	0	0	13	18	0	0	0	1	14	16	0	4	4	2	1	7	7	4	2
Suffolk — Mildenhall H	3	39	1015.7	-	9.6	1.0	10.6	88	4.5	7	5	1	10	8	0	0	0	1	2	0	5	12	8	3	0	0	0	5	24	2	1	0	4	1	7	10	4	2
	9	39	1016.0	-	14.6	2.7	12.0	72	5.4	2	4	7	11	7	0	0	0	0	0	0	4	7	11	8	1	0	0	11	19	1	2	2	2	1	4	9	9	1
	15	39	1015.1	-	18.4	4.9	11.7	56	6.0	0	2	7	11	11	0	0	0	0	0	0	1	2	18	8	2	0	2	12	16	1	1	0	7	2	1	10	6	3
	21	39	1015.6	-	13.3	2.2	11.6	76	5.1	3	6	2	13	7	0	0	0	0	0	0	1	10	13	7	0	0	0	5	25	1	1	4	5	2	5	8	5	0
Wattisham H	3	299	1016.1	-	8.8	0.5	10.7	94	4.3	6	5	6	7	6	1	0	0	2	1	0	7	10	9	2	0	0	0	9	22	0	2	6	1	1	4	12	2	3
	9	299	1016.4	-	13.6	1.9	12.4	79	5.0	1	6	8	9	7	0	0	0	0	0	1	1	13	9	6	1	0	0	14	17	0	3	3	2	3	2	12	4	2
	15	299	1015.4	-	17.3	3.9	12.5	63	5.3	0	5	9	11	6	0	0	0	0	0	0	1	5	10	13	2	0	3	19	9	0	0	4	3	3	6	9	6	0
	21	299	1016.0	-	12.1	1.3	12.1	85	5.3	2	7	2	12	8	0	0	0	0	1	0	4	11	8	7	0	0	1	5	25	0	0	8	4	2	5	8	3	1
Aldeburgh H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	1017.1	-	13.6	2.3	11.7	76	4.8	2	6	7	8	7	1	0	0	0	1	0	0	17	13	0	0	0	0	9	22	0	1	5	2	0	11	5	4	3
	15	35	1016.7	-	14.9	2.8	12.0	71	5.4	3	2	8	9	8	1	0	0	0	1	0	0	16	14	0	0	0	0	12	19	0	0	7	3	0	12	3	5	1
	21	35	1016.5	-	12.6	1.6	11.9	81	5.2	3	5	6	5	12	0	0	0	0	0	0	0	14	17	0	0	0	1	7	23	0	4	6	2	1	11	4	3	0
Huntingdon — Wyton ... H	3	141	1015.8	-	9.5	0.9	10.5	87	5.0	1	8	4	9	8	1	0	1	0	1	0	5	10	10	4	0	0	0	8	21	2	5	2	3	0	5	10	4	0
	9	141	1016.1	-	13.8	2.4	11.7	74	5.9	1	3	5	13	9	0	0	0	0	1	0	4	7	13	4	2	0	1	17	12	1	5	4	1	0	4	10	6	0
	15	141	1015.1	-	18.1	4.8	11.7	56	6.1	0	4	6	11	10	0	0	0	0	0	0	0	5	16	7	3	0	0	19	12	0	2	2	3	2	4	10	5	3
	21	141	1015.6	-	13.1	2.1	11.5	76	5.6	1	5	4	13	8	0	0	0	0	0	0	4	14	7	6	0	0	0	11	19	1	4	2	4	2	6	10	2	0
Bedford — Cardington H	3	96	1015.9	-	9.2	0.6	10.8	92	5.2	3	6	4	6	11	1	0	0	1	0	1	5	13	10	1	0	0	1	6	21	3	5	1	2	0	8	10	2	0
	9	96	1016.2	-	14.1	2.4	11.9	74	6.0	0	4	5	14	8	0	0	0	0	0	1	2	9	13	6	0	0	0	13	15	3	5	2	0	2	4	10	5	0
	15	96	1015.3	-	17.9	4.6	11.8	58	5.7	1	4	5	14	7	0	0	0	0	0	0	0	5	12	14	0	0	0	17	14	0	1	3	3	3	4	10	4	3
	21	96	1015.8	-	12.5	1.8	11.5	79	5.1	4	5	3	12	7	0	0	0	0	0	1	1	12	15	3	0	0	1	8	22	0	5	1	3	2	5	11	4	0
Hertford — Bovingdon H	3	517	1016.4	-	9.1	0.6	10.7	91	5.0	2	7	5	5	11	1	0	1	0	2	2	4	11	9	2	0	0	0	8	19	4	2	3	1	1	3	10	5	2
	9	517	1016.5	-	12.9	2.0	11.6	78	6.1	0	1	9	13	8	0	0	0	0	0	1	4	9	13	3	1	0	0	12	18	1	5	2	2	0	7	7	5	2
	15	517	1015.6	-	16.7	4.2	11.3	59	5.9	0	5	3	17	6	0	0	0	0	0	0	0	6	14	7	4	0	2	16	12	1	3	2	2	3	4	6	9	1
	21	517	1016.2	-	12.2	1.6	11.6	81	5.4	2	6	4	10	9	0	0	0	0	0	1	3	11	11	5	0	0	0	6	23	2	3	3	2	1	5	5	10	0
Essex — Stansted H	3	334	1016.3	-	9.4	0.5	11.1	93	5.4	4	4	3	7	12	1	0	3	0	1	1	4	11	9	2	0	0	0	6	23	2	4	1	2	2	6	8	4	2
	9	334	1016.5	-	13.5	1.8	12.4	80	5.7	0	6	7	10	8	0	0	0	0	0	3	0	9	6	10	3	0	0	13	16	2	3	2	1	3	4	10	5	1
	15	334	1015.5	-	17.4	4.1	12.2	61	5.3	0	6	6	12	7	0	0	0	0	0	0	1	3	8	8	11	0	1	18	11	1	1	1	4	3	4	7	8	2
	21	334	1016.1	-	12.7	1.5	12.3	83	5.2	2	5	6	10	8	0	0	0	1	0	0	2	11	5	12	0	0	0	5	24	2	2	3	4	2	5	9	4	0
Shoeburyness H	9	17	1017.3	+1.6	14.0	1.7	13.1	81	5.9	0	1	12	8	10	0	0	0	1	2	0	2	16	8	2	0	0	0	11	18	2	1	2	3	2	6	9	5	1
	15	17	1016.4	-	16.4	2.8	13.4	71	5.1	2	7	3	14	5	0	0	1	0	0	0	5	9	6	9	1	0	1	14	16	0	0	4	6	0	6	10	5	0
	21	17	1016.8	-	12.8	1.2	12.8	86	5.1	1	8	5	8	8	1	0	1	0	0	1	5	11	13	0	0	0	0	12	17	2	1	3	5	1	4	11	2	2
Walton-on-Naze ... H	3	21	1016.1	-	10.9	1.0	11.5	87	4.3	6	6	6	3	9	1	0	1	1	0	0	0	22	5	2	0	0	1	6	24	0	3	3	2	2	3	6	7	5
	9	21	1016.8	-	13.5	2.0	12.0	77	5.5	1	5	5	12	6	2	0	0	0	2	1	10	24	4	0	0	0	0	13	18	0	1	2	6	0	5	8	5	4
	15	21	1016.0	-	15.6	2.9	12.5	71	4.6	3	5	7	13	3	0	0	0	0	0	0	2	25	3	1	0	0	1	15	15	0	0	1	6	1	9	7	5	2
	21	21	1016.1	-	13.2	1.7	12.3	81	4.7	1	8	10	4	7	1	0	1	0	0	0	2	14	12	2	0	0	1	10	20	0	2	6	2	1	4	10	4	2
4 MIDLAND COUNTIES	3	769	1014.1	-	8.0	1.2	8.9	83	5.7	2	2	9	4	14	0	0	1	0	1	1	4	17	2	4	1	0	3	10	18	0	3	5	1	2	8	7	2	3
Yorks, W.R. — Huddersfield Oakes H	9	769	1014.4	-	12.2	2.2	10.6	75	6.3	0	1	6	17	7	0	0	0	0	1	0	6	15	4	5	0	0	3	11	17	0	1	7	1	2	6	10	4	0
	15	769	1013.6	-	16.0	4.2	10.3	60	5.7	0	4	5	16	6	0	0	0	0	0	0	1	8	4	13	5	0	2	17	12	0	0	4	3	3	9	6	6	0
	21	769	1014.1	-	10.7	1.4	10.5	79	4.5	4	5	8	4	10	0	0	0	0	1	0	2	13	5	9	1	0	2	12	17	0	1	5	2	2	8	3	7	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS May 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount: No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
4 MIDLAND COUNTIES —cont.																																												
Nottingham Watnall ... H	3	390	1015.1	-	8.8	0.7	10.4	91	5.1	1	7	7	6	10	0	0	0	0	0	3	4	16	7	1	0	0	0	9	21	1	2	4	4	0	1	10	9	0
	9	390	1015.3	-	13.1	2.1	11.5	76	6.0	0	1	10	14	6	0	0	0	0	0	2	3	11	12	3	0	0	0	11	20	0	1	6	2	1	3	9	7	2
	15	390	1014.3	-	17.3	4.5	11.5	58	5.7	0	2	9	18	2	0	0	0	0	0	0	0	3	10	17	1	0	0	18	13	0	0	2	7	1	4	5	10	2
	21	390	1015.0	-	11.8	1.6	11.2	80	4.9	1	8	8	9	5	0	0	0	0	0	2	16	13	0	0	0	0	8	21	2	1	2	6	1	3	7	8	1
Finningley H	3	46	1014.9	-	9.7	0.9	10.6	88	5.1	3	6	3	11	8	0	0	0	1	0	2	5	12	7	4	0	0	1	12	17	1	6	3	2	0	4	10	5	0
	9	46	1015.2	-	13.9	2.7	11.2	70	6.3	0	0	8	17	6	0	0	0	0	0	0	1	13	12	5	0	0	2	19	9	1	2	7	0	1	4	6	8	2
	15	46	1014.5	-	18.1	5.0	11.2	54	6.0	0	1	8	18	4	0	0	0	0	0	0	0	3	19	8	1	0	7	18	6	0	0	5	5	1	4	6	8	2
	21	46	1014.8	-	12.7	2.1	11.1	75	4.6	3	4	10	10	4	0	0	0	0	0	0	0	13	16	2	0	1	2	12	16	0	2	4	4	2	3	10	5	1
Northampton Wittering H	3	219	1015.7	-	9.1	0.8	10.5	90	4.8	4	6	4	7	9	1	0	0	1	0	1	3	8	9	7	2	0	0	10	19	2	5	2	3	0	5	9	5	0
	9	219	1015.9	-	13.6	2.3	11.7	75	6.0	0	3	8	12	8	0	0	0	0	0	1	2	7	7	9	5	0	0	14	17	0	5	3	1	1	5	8	6	2
	15	219	1015.0	-	17.8	4.7	11.5	56	5.9	0	3	8	16	4	0	0	0	0	0	0	0	0	14	9	8	0	1	21	8	1	0	3	5	0	7	10	3	2
	21	219	1015.2	-	12.3	1.8	11.4	79	5.3	2	7	3	10	9	0	0	0	0	0	0	0	11	6	10	4	0	0	9	20	2	3	5	2	1	4	11	1	2
Warwick Edgbaston H	9	542	1015.8	-	12.6	2.5	10.5	72	5.1	0	8	7	9	7	0	0	0	0	0	5	2	4	11	8	1	0	0	12	16	1	2	3	3	0	8	7	6	1
	15	542	1014.8	-	16.8	4.8	10.4	55	5.8	0	1	9	18	3	0	0	0	0	0	0	0	6	8	11	6	0	0	17	14	0	0	3	4	2	7	8	6	1
	21	542	1015.3	-	13.2	2.7	10.7	70	5.5	0	4	9	8	10	0	0	0	0	0	0	1	9	18	3	0	0	1	5	24	1	3	4	0	3	4	12	4	0
Elmdon ... H	3	362	1015.3	-	9.1	0.9	10.4	89	5.0	1	8	4	10	8	0	0	0	0	1	2	4	9	11	3	1	0	1	5	18	7	3	2	1	0	10	5	3	0
	9	362	1015.5	-	13.0	2.4	10.9	73	6.0	0	3	8	11	9	0	0	0	0	0	2	3	10	12	4	0	0	0	16	15	0	2	4	2	1	6	6	8	2
	15	362	1014.6	-	17.2	4.7	11.0	56	6.2	0	0	9	18	4	0	0	0	0	0	0	0	5	12	13	1	0	1	18	11	1	1	2	3	2	8	7	5	2
	21	362	1015.1	-	13.0	2.5	10.9	72	5.7	0	3	9	13	6	0	0	0	0	0	0	3	14	14	0	0	0	1	6	24	0	0	6	1	3	6	10	3	2
Shropshire Shawbury H	3	249	1014.8	-	9.3	0.9	10.4	88	3.5	2	3	6	14	6	0	0	0	1	0	1	3	9	8	9	0	0	0	6	19	6	2	0	4	1	9	6	2	1
	9	249	1015.2	-	13.2	2.4	11.1	73	6.3	0	2	4	19	6	0	0	0	0	0	0	3	9	6	7	6	0	0	11	19	1	3	3	0	5	8	6	4	1
	15	249	1014.3	-	17.0	4.5	11.2	58	6.0	0	2	6	20	3	0	0	0	0	0	0	1	4	8	6	12	0	5	16	10	0	0	3	4	1	8	6	8	1
	21	249	1014.9	-	12.1	1.9	11.0	77	6.2	0	3	5	13	10	0	0	0	0	0	0	1	6	13	8	3	0	1	6	23	1	2	6	2	0	6	6	7	1
Worcester Pershore ... H	3	117	1015.7	-	9.5	1.0	10.5	87	5.5	2	6	3	9	11	0	0	1	0	1	1	1	12	7	6	2	0	1	6	16	8	1	3	0	1	4	9	5	0
	9	117	1016.1	-	13.6	2.5	11.3	73	6.1	0	3	8	9	11	0	0	0	0	0	2	2	8	8	4	7	0	0	16	12	3	1	4	2	1	4	9	6	1
	15	117	1015.0	-	17.5	12.8	11.2	56	6.3	0	2	4	18	7	0	0	0	0	0	0	0	5	9	6	11	0	3	19	7	2	2	4	1	1	5	7	8	1
	21	117	1015.5	-	12.9	2.2	11.3	75	5.7	1	5	4	11	10	0	0	0	0	0	0	3	6	11	7	4	0	2	9	17	3	0	4	3	3	4	7	7	0
Hereford Ross-on-Wye H	9	226	1015.7	+0.2	13.3	2.2	11.5	76	5.9	1	4	3	13	10	0	0	0	0	0	1	6	4	8	12	0	0	0	8	20	3	1	4	0	1	3	11	5	3
	15	226	1014.8	-	16.5	3.8	11.7	63	6.2	0	1	9	11	10	0	0	0	0	0	0	1	7	5	16	2	0	0	15	16	0	1	4	3	0	7	6	9	1
	21	226	1015.2	-	12.9	2.0	11.5	77	5.4	1	6	4	14	6	0	0	0	0	0	0	2	9	5	12	3	0	1	3	26	1	0	3	6	1	4	12	3	1
Gloucester Filton ... H	3	197	1015.6	-	10.3	0.7	11.4	91	5.3	3	4	6	9	9	0	0	0	0	0	2	0	15	12	2	0	0	1	6	19	5	4	1	2	1	8	9	1	0
	9	197	1016.2	-	13.1	2.6	12.5	83	6.1	1	2	4	15	9	0	0	0	0	0	3	3	7	9	7	2	0	0	14	16	1	5	2	0	3	8	9	2	1
	15	197	1015.3	-	16.4	3.0	13.2	71	5.6	0	4	9	13	5	0	0	0	0	0	0	1	8	5	13	4	0	5	10	15	1	3	3	1	3	3	7	8	2
	21	197	1015.5	-	12.7	1.4	12.4	84	5.6	3	2	8	6	12	0	0	0	0	0	0	0	3	8	14	6	0	2	5	21	3	2	3	1	1	6	10	4	1
Gloucester H	3	79	1015.9	-	10.6	1.1	11.2	87	5.2	2	6	3	8	11	1	0	1	0	1	2	4	11	7	3	2	0	0	4	22	5	3	3	0	0	12	6	2	0
	9	79	1016.3	-	13.8	2.3	11.8	75	6.4	0	2	3	16	10	0	0	0	0	0	2	6	4	8	9	2	0	0	11	17	3	5	1	0	1	6	11	1	3
	15	79	1015.5	-	17.4	4.1	12.2	61	6.4	0	1	7	16	7	0	0	0	0	0	0	1	5	6	9	10	0	1	16	13	1	2	3	1	2	6	14	2	0
	21	79	1015.8	-	13.7	2.3	11.8	75	5.5	2	5	5	8	11	0	0	0	0	0	0	3	5	11	8	4	0	0	8	20	3	2	6	0	1	7	11	1	0
Little Rissington H	3	751	1015.9	-	9.2	0.5	10.9	93	5.2	3	6	3	7	10	2	0	2	0	0	1	3	14	8	3	0	0	1	8	20	2	3	2	2	1	3	10	7	1
	9	751	1016.2	-	12.0	1.5	11.6	82	6.2	0	2	7	13	8	1	0	0	1	1	1	5	9	6	5	3	0	1	16	13	1	2	4	1	2	5	7	7	2
	15	751	1015.2	-	15.9	3.2	12.3	67	6.4	0	1	4	20	6	0	0	0	0	0	0	1	5	9	11	5	0	3	17	11	0	2	3	3	0	5	9	8	1
	21	751	1015.8	-	11.9	1.4	11.7	83	5.4	1	7	5	9	9	0	0	0	0	0	0	3	8	13	6	1	0	3	7	20	1	1	6	1	0	5	7	9	1
5 ENGLAND, S.E.																																												
Middlesex London (Heathrow) Airport H	3	86	1016.3	-	10.7	0.9	11.4	88	5.2	6	2	5	5	12	1	0	1	0	1	1	1	9	13	5	0	0	0	4	24	3	3	3	3	0	9	6	3	1
	9	86	1016.5	-	14.1	2.3	12.1	74	5.5	0	8	5	7	11	0	0	0	0	0	1	5	8	10	6	1	0	0	13	17	1	4	2	0	1	6	8	8	1
	15	86	1015.6	-	18.4	4.8	12.0	57	5.7	0	4	6	14	7	0	0	0	0	0	0	1	7	6	13	4	0	0	17	14	0	2	3	2	1	6	10	6	1
	21	86	1016.0	-	14.1	2.3	12.3	75	5.5	2	5	5	9	10	0	0	0	0	0	0	3	11	10	5	2	0	1	8	22	0	2	5	2	2	7	11	2	0
Surrey Kew Observatory H	9	34	1016.7	+1.1	14.5	2.7	11.7	71	6.4	0	4	1	15	11	0	0	0	0	0	1	4	6	7	8	5	0	0	9	20	2	2	5	2	0	6	7	6	1
	15	34	1015.7	-	18.0	4.6	11.8	58	6.1	1	2	6	15	7	0	0	0	0	0	0	2	5	3	10	11	0	0	16	13	2	0	1	4	1	3	10	8	2
	21	34	1016.2	-	14.0	2.3	11.8	74	5.1	2	6	4	13	6	0	0	0	0	0	0	3	9	7	10	2	0	0	8	19	4	1	2	4	0	5	12	3	0
Gatwick H	3	195	1016.7	-	9.2	0.4	11.1	94	4.6	7	5	3	4	10	2	0	3	0	1	3	3	10	9	2	0	0	0	6	20	5	2	3	1	0	2	14	2	2
	9	195	1016.9	-	14.0	2.0	12.5	78	6.0	0	4	5	13	9	0	0	0	0	0	2	3	9	8	9	0	0	0	9	21	1	2	3	3	0	5	9	6	2
	15	195	1016.1	-	17.2	3.6	12.8	65	5.8	0	3	7	14	7	0	0	0	0	0	0	1	6	8	13	3	0	0	17	13	1	0	3	2	1	6	11	5	2
	21	195	1016.5	-	12.0	1.2	12.1	86	4.7	4	6	6	6	9	0	0	0	1	0	1	4	10	11	4	0	0	1	5	22	3	0	4	3	0	3	12	6	0
Kent Deal ... H	3	34	1017.4	-	10.6	0.7	11.7	91	4.3	7	5	6	1	11	1	0	0	1	0	0	6	4	15	3	2	0	0	3	23	5	0	2	0	2	3	9	9	1
	9	34	1017.6	-	13.1	1.7	12.1	80	5.8	2	3	6	7	11	2	0	0	1	1	2	4	11	11	1	0	0	0	7	9	5	3	2	1	2	7	7	2	2
	15	34	1017.1	-	15.1	2.4	12.9	76	5.6	1	5	1	19	2	3	0	1	1	1	1	5	8	13	1	0	0	1	11	19	0	2	4	2	3	6	10	3	1
	21	34	1017.0	-	12.4	1.2	12.4	86	5.1	1	6	7	6	10	1	0	1	0	0	1	3	4	19	3	0	0	0	7	22	2	1	3	2	2	4	11	3	3
Manston ... H	3	148	1016.7	-	10.3	0.8	11.4	90	4.4	7	6	3	4	10	1	0	1	0	2	0	3	8	12	5	0	0	0	10	19	2	0	1	4	3	3	11	4	3
	9	148	1017.2	-	13.6	1.9	12.3	78	5.4	0	7	7	8	9	0	0	0	0	0	2	2	11	11	5	0	0	2	15	13	1	4	0	2	4	5	7	4	4
	15	148	1016.3	-	16.8	3.7	12.2	64	4.8	1	7	8	12	3	0	0	0	0	0	0	2	11	6	12	0	0	2	18	10	1	3	2	4	2	4	12	2	1
	21	148	1016.7	-	12.1	1.3	11.9	84	5.2	1	7	5	8	9	1	0	1	0	0	1	1	9	6	12	1	0	1	12	16	2	3	3	2	4	11	1	2	1
Sussex Thorney Island H	3	35	1016.8	-	10.7	0.6	12.1	93	6.0	5	0	2	8	16	0	0	0	1	0	0	5	9	13	3	0	0	0	8	17	6	1	1	5	0	2	6	5	5
	9	35	1017.2	-	13.8	1.7	12.8	81	6.3	0	2	5	15	8	1	0	0	0	1	0	2	10	11	6	1	0	0	8	21	2	1	2	4	3	3	5	9	2
	15	35	1016.7	-	15.8	2.7	13.0	73	6.2	1	2	5	16	7	0	0	0	0	0	1	1	7	10	10	2	0	0	15	16	0	0	0	2	4	3	16	5	1
	21	35	1016.8	-	12.4	1.0	12.8	88	5.6	0	6	4	10	11	0	0	0	0	0	1	5	9	10	5	1	0	0	9	19	3	1	3	3	0	1	10	9	1
East Hoathly H	9	133	1017.2	-	14.0	1.9	12.9	80	5.8	0	5	5	12	8	1	0	0	0	3	1	3	7	12	4	1	0	0	8	22	1	0	0	6	3	4	8	7	2
	15	133	1016.7	-	15.9	2.6	13.4	74	5.5	0	6	6	11	8	0	0	0	0	1	0	1	12	10	6	1	0	1	14	15	1	0	1	2	2	6	15	3	1
	21	133	1017.0	-	11.6	0.9	12.4	90	5.3	1	7	3	13	7	0	0	1	0	0	3	0	22	1	4	0	0	1	2	18	10	0	0	5	1	4	9	2	0
Eastbourne Coastguard H	9	24	1017.4	-	13.6	1.5	12.4	80	5.1	2	4	11	7	7	0	0	0	1	0	0	1	14	15	0	0	0	2	9	14	6	2	0	6	0	5	1	11	0
	15	24	1017.1	-	15.1	2.6	12.5	73	5.2	0	6	9	10	6	0	0	0	0	0	1	0	16	14	0	0	0	5	14	12	0	0	0	5	0	7	2	17	0
	21	24	1016.9	-	12.8	1.6	12.1	82	5.0	0	7	11	4	9	0	0	0	0	0	0	1	18	12	0	0	0	4	8	8	11	1	0	4	0	1	1	12	1
Berkshire Abingdon H	3	234	1016.3	-	9.5	0.7	10.9	91	4.8	3	9	3	4	12	0	0	0	2	2	0	2	14	11	0	0	0	0	5	16	10	2	2	1	1	5	7	2	1
	9	234	1016.5	-	13.5	1.9	12.1	78	6.4	0	2	6	13	10	0	0	0	0	1	2	2	8	10	7	1	0	1	10	15	5	3	2	1	3	4	6	6	1
	15	234	1015.7	-	17.6	4.0	12.5	62	6.0	0	2	8	15	6	0	0	0	0	0	0	3	6	3	15	4	0	1	17	11	2	0	4	3	0	8	7	5	2
	21	234	1016.0	-	13.0	1.8	12.0	79	5.2	1	7	6	9	8	0	0	0	0	0	1	4	5	15	6	0	0	1	9	17	4	2	5	1	1	6	5	6	1
Hampshire Hurn ... H	3	46	1016.7	-	9.9	0.5	11.5	93	5.4	3	5	3	6	14	0	0	0	0	0	3	3	10	12	3	0	0	0	7	15	9	1	3	0	0	4	10	4	0
	9	46	1017.2	-	13.6	1.9	12.4	80	6.2	0	3	6	12	10	0	0	0	0	0	1	4	8	7	10	1	0	0	10	20	1	4	3	1	2	5	8	6	1
	15	46	1016.6	-	16.0	3.1	12.5	69	5.5	0	4	8	13	6	0	0	0	0	0	0	2	9	7	11	2	0	1	18	12	0	1	1	2	1	9	15	1	1
	21	46	1016.7	-	12.2	1.2	12.2	85	5.8	1	4	3	15	8	0	0	0	0	0	3	3	8	13	4	0	0	0	9	18	4	1	2	2	1	3	8	8	2
S. Farnborough H	3	231	1016.6	-	9.9	0.6	11.3	92	5.0	6	3	4	7	11	0	0	0	1	0	2	6	9	4	8	1	0	0	6	17	8	1	1	2	2	1	11	5	0
	9	231	1016.8	+1.3	13.9	2.0	12.4	77	6.1	0	2	7	14	8	0	0	0	0	0	0	5	6	4	8	8	0	0	11	15	3	2	5	0	3	2	7	8	1
	15	231	1015.9	-	17.6	3.9	12.7	64	6.3	0	1	8	15	7	0	0	0	0	0	0	0	8	4	7	12	0	1	17	13	0	0	1	3	3	5	10	9	0
	21	231	1016.4	-	13.1	1.7	12.3	81	5.2	3	6	2	12	8	0	0	0	0	0	0	6	11	1	7	6	0	1	6	21	3	1	2	4	2	5	10	4	0
Wiltshire Lyneham H	3	489	1016.2	-	9.6	0.7	11.0	91	5.8	2	3	5	7	13	1	0	0	1	0	2	6	12	6	4	0	0	0	6	25	0	3	3	0	5	7	9	3	1
	9	489	1016.6	-	12.5	1.6	11.8	81	6.4	0	3	4	15	9	0	0	0	0	1	1	2	7	9	9	2	0	0	16	15	0	4	2	1	3	6	9	5	1
	15	489	1015.7	-	15.7	3.2	12.0	67	6.3	0	1	9	13	8	0	0	0	0	0	0	0	8	5	7	11	0	0	17	14	0	1	5	1	2	3	10	7	2
	21	489	1016.1	-	12.1	1.6	11.6	82	5.6	0	7	4	9	11	0	0	0	0	0	0	3	8	9	9	2	0	0	8	22	1	1	6	1	0	6	9	7	0

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS May 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
5 ENGLAND, S.E. —cont.																																												
Boscombe Down H	3	419	1016.6	-	9.3	0.5	11.0	93	5.4	3	6	1	9	12	0	0	0	1	2	1	8	9	10	0	0	0	0	4	19	8	1	2	2	1	6	8	2	1
	9	419	1016.9	-	13.3	1.9	12.1	79	6.3	0	2	6	13	10	0	0	0	0	0	0	3	9	6	13	0	0	0	9	19	3	3	2	1	2	4	7	8	1
	15	419	1016.0	-	16.3	3.5	12.0	66	6.2	0	1	6	19	5	0	0	0	0	0	1	7	8	7	8	0	0	0	14	17	0	1	5	0	2	5	10	7	1
	21	419	1016.5	-	11.4	1.1	11.8	87	5.2	0	7	5	11	8	0	0	0	0	1	4	6	12	7	1	0	0	5	23	3	1	2	2	1	9	5	6	2
Upavon ... H	9	582	1016.4	-	12.7	1.4	12.5	84	6.2	0	2	6	17	5	1	0	0	0	2	0	2	7	6	12	2	0	0	15	15	1	3	1	3	3	3	8	8	1
	15	582	1015.4	-	15.9	2.8	13.0	72	6.3	0	2	6	16	7	0	0	0	0	0	0	0	11	5	7	8	0	1	18	12	0	2	3	3	0	2	9	9	3
	21	587	1016.0	-	11.2	0.8	12.0	89	5.5	1	4	8	9	8	1	0	1	0	0	1	4	5	9	11	0	0	1	5	22	3	0	2	6	0	3	8	6	3
7a ENGLAND, N.W.																																												
Cumberland Carlisle ... H	3	92	1013.8	-	9.0	0.9	10.1	87	5.2	1	7	5	12	6	0	0	0	0	1	0	2	7	13	7	1	0	1	7	15	8	1	5	3	1	1	8	4	0
	9	92	1014.1	-	12.5	2.3	10.7	74	6.0	0	5	2	15	9	0	0	0	0	0	2	4	12	8	5	0	2	14	12	3	0	6	3	1	4	10	4	0
	15	92	1013.6	-	15.5	3.8	10.9	62	5.7	0	3	8	13	7	0	0	0	0	0	1	3	7	11	9	0	4	20	6	1	0	1	6	2	2	14	5	0
	21	92	1013.9	-	11.3	1.5	10.9	81	5.8	0	3	8	15	5	0	0	0	0	1	0	6	17	5	2	0	0	10	18	3	0	7	2	2	2	10	5	0
Lancashire Squires Gate H	3	35	1013.8	-	10.0	0.9	10.9	88	5.7	0	6	5	11	9	0	0	0	0	0	4	6	13	8	0	0	3	13	15	0	1	3	6	3	4	5	9	0
	9	35	1014.3	-	13.9	2.1	12.3	78	5.6	1	6	1	18	5	0	0	0	0	0	3	5	19	4	0	0	3	20	8	0	0	1	7	3	7	8	5	0
	15	35	1013.9	-	15.4	2.7	12.8	74	6.0	0	5	3	14	9	0	0	0	0	0	1	6	11	9	4	0	3	21	7	0	1	0	5	2	3	7	9	4
	21	35	1013.9	-	11.7	1.2	11.8	85	6.6	0	1	6	15	9	0	0	0	0	0	2	11	15	3	0	0	2	17	10	2	0	1	8	1	5	7	7	0
Speke ... H	3	85	1014.4	-	10.7	1.3	10.8	83	4.5	0	10	10	5	6	0	0	0	0	0	2	10	11	7	1	0	1	13	17	0	1	4	3	4	8	4	6	1
	9	85	1014.7	-	13.7	2.6	11.2	71	6.5	0	0	7	17	7	0	0	0	0	0	2	12	7	7	3	0	3	16	12	0	1	3	1	4	8	8	6	0
	15	85	1014.2	-	17.0	4.3	11.5	59	5.9	0	4	5	15	7	0	0	0	0	0	0	9	6	12	4	0	7	19	5	0	0	2	3	2	8	9	6	1
	21	85	1014.3	-	13.2	2.3	11.3	74	5.5	2	2	10	9	8	0	0	0	0	1	2	16	7	5	0	1	1	16	13	0	2	5	4	0	5	10	3	2
Cheshire Ringway H	3	251	1014.2	-	10.2	1.6	10.0	80	5.8	1	2	10	8	10	0	0	0	0	1	2	9	15	4	0	0	0	8	21	2	2	3	4	0	12	2	6	0
	9	251	1014.6	-	13.6	3.3	10.0	64	6.1	0	3	5	17	6	0	0	0	0	0	2	12	17	0	0	0	0	16	14	1	0	5	0	0	13	4	8	0
	15	251	1013.8	-	16.7	5.2	9.6	51	5.8	0	1	12	13	5	0	0	0	0	0	0	7	8	12	4	0	1	21	9	0	0	3	4	1	9	7	6	1
	21	251	1014.1	-	12.8	2.6	10.5	71	5.6	0	5	7	11	8	0	0	0	0	0	3	11	13	4	0	0	2	12	13	4	0	5	4	0	9	5	2	2
7b NORTH WALES																																												
Anglesey Valley ... H	3	36	1013.8	-	10.3	0.8	11.4	91	5.0	2	7	4	10	8	0	0	0	0	2	1	7	10	10	1	0	9	8	11	3	1	5	1	1	10	4	6	0
	9	36	1014.3	-1.3	12.6	1.5	12.0	83	5.8	0	5	5	13	7	1	0	0	1	1	5	3	9	10	2	0	12	13	6	0	1	5	1	1	16	4	3	0
	15	36	1013.8	-	14.2	2.0	12.6	79	5.8	1	3	5	13	9	0	0	0	0	1	2	10	10	6	2	1	10	15	5	0	0	6	0	0	16	6	1	2
	21	36	1013.8	-	11.2	0.9	11.8	89	6.3	0	2	6	15	6	2	0	0	1	1	1	8	11	6	2	1	8	13	8	1	0	8	1	0	14	5	2	0
8a SOUTH WALES																																												
Cardigan Aberporth H	3	382	1014.6	-	10.3	1.1	10.9	86	5.3	3	3	8	5	12	0	0	0	0	2	0	10	13	6	0	0	2	12	15	2	1	2	0	4	8	10	3	1
	9	382	1015.0	-	12.6	2.0	11.4	78	5.7	0	5	5	14	7	0	0	0	0	0	2	7	13	7	2	0	6	12	12	1	2	2	1	3	11	5	6	0
	15	382	1015.0	-	14.0	2.5	11.7	74	5.8	0	3	8	12	8	0	0	0	0	1	0	8	11	7	4	0	3	16	11	1	3	3	1	2	7	10	2	2
	21	382	1014.7	-	11.3	1.4	11.2	84	5.4	0	6	7	9	9	0	0	0	1	0	0	5	16	7	2	0	4	10	12	5	0	4	1	3	7	10	1	0
Glamorgan Mumbles Head H	3	123	1015.4	-	11.2	1.1	11.6	87	4.9	1	9	3	9	9	0	0	0	0	1	0	7	22	1	0	0	3	12	15	1	1	2	3	3	5	9	5	2
	9	123	1016.1	-	12.2	1.4	11.8	83	6.2	0	3	6	12	10	0	0	0	0	1	0	2	18	8	2	0	3	12	15	1	1	2	3	3	5	9	5	2
	15	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	123	1015.5	-	12.3	1.4	12.0	84	5.8	0	6	4	10	11	0	0	0	0	0	1	16	9	4	0	2	1	12	13	3	2	5	1	1	1	13	3	2
Rhoose ... H	3	225	1015.7	-	10.3	0.8	11.4	90	5.6	1	4	7	8	11	0	0	0	0	0	3	8	15	5	0	0	2	6	22	1	1	4	4	3	2	5	10	1
	9	225	1016.3	-	12.7	1.6	12.0	82	6.1	0	3	7	11	10	0	0	0	0	0	4	8	10	4	5	0	1	16	14	0	0	2	5	6	3	3	11	1
	15	225	1015.4	-	15.3	2.6	12.6	73	5.6	0	7	3	17	4	0	0	0	0	0	1	8	7	7	8	0	3	15	13	0	0	2	2	7	1	4	15	0
	21	225	1015.7	-	12.1	1.3	12.0	85	5.7	0	7	3	10	10	1	0	0	1	0	0	2	9	10	7	2	0	2	8	21	0	2	1	4	2	3	5	10	4
8b ENGLAND, S.W.																																												
Dorset Portland Bill H	3	35	1016.1	-	10.9	0.9	12.2	93	4.9	7	4	3	3	10	4	0	0	1	3	0	0	6	6	15	0	0	4	19	8	0	1	4	6	1	3	7	7	2
	9	35	1016.8	-	11.8	0.8	12.7	91	5.2	2	5	6	7	11	0	0	0	0	1	0	13	7	10	0	0	5	17	8	1	1	2	6	1	6	3	11	0
	15	35	1016.4	-	13.0	1.1	13.1	88	5.9	0	2	10	7	10	2	0	0	1	1	1	15	3	10	0	0	7	15	9	0	1	2	4	2	6	4	12	0
	21	35	1016.1	-	11.4	0.6	12.4	92	5.7	2	3	6	8	10	2	0	1	0	1	1	0	10	6	12	0	0	6	15	10	0	2	2	6	1	3	6	9	2
Devon Hartland Pt. H	3	306	1014.8	-	10.9	0.7	12.0	91	4.7	0	11	6	6	8	0	0	0	1	1	1	0	4	16	6	2	1	5	17	6	2	0	4	3	1	2	6	10	3
	9	306	1015.4	-	12.2	1.1	12.3	87	5.9	1	2	8	10	10	0	0	0	0	1	0	1	7	13	5	4	0	7	18	5	1	0	7	1	2	1	5	12	2
	15	306	1015.1	-	12.9	1.3	12.8	87	6.3	0	3	5	13	9	1	0	0	1	0	0	1	10	12	5	2	0	10	11	8	2	0	6	1	0	1	4	15	2
	21	306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mount Batten H	3	100	1015.9	-	10.6	0.4	12.2	95	5.5	3	3	6	7	12	0	0	0	0	1	4	10	15	1	0	0	0	6	18	7	1	2	5	1	6	3	6	0
	9	100	1016.5	+1.1	13.0	1.3	12.8	85	5.6	0	4	8	12	7	0	0	0	0	1	3	8	13	4	2	0	0	17	14	0	3	0	8	2	7	7	4	0
	15	100	1016.2	-	14.1	1.6	13.3	84	6.1	0	4	5	12	8	2	0	0	1	2	1	2	8	9	6	2	0	1	22	8	0	0	1	4	2	13	9	0	2
	21	100	1016.0	-	11.9	0.7	12.8	92	6.2	0	4	2	14	9	2	0	2	0	0	2	7	9	9	1	1	0	1	11	19	0	2	2	6	3	9	6	1	2
Chivenor ... H	3	23	1015.8	-	10.9	0.8	11.8	90	5.4	1	6	4	11	9	0	0	0	0	1	1	10	11	7	1	0	2	8	18	3	1	0	6	5	7	0	9	0
	9	23	1016.4	-	13.9	1.9	12.5	79	6.3	0	4	3	14	10	0	0	0	0	0	1	4	11	8	7	0	1	16	13	1	1	2	3	6	6	2	9	1
	15	23	1015.9	-	16.0	2.6	13.5	74	6.1	0	3	6	14	8	0	0	0	0	0	0	8	8	10	5	0	3	19	8	1	1	0	3	2	5	4	13	2
	21	23	1015.9	-	12.3	1.2	12.3	86	6.3	0	2	4	14	11	0	0	0	0	1	1	6	15	7	1	0	2	5	19	5	0	1	6	3	4	4	7	1
Exeter ... H	3	125	1016.4	-	10.1	-0.6	11.5	93	5.9	0	6	3	11	10	1	0	1	0	1	0	3	9	15	2	0	0	9	17	5	3	3	1	5	5	4	3	2
	9	125	1016.8	-	13.7	1.9	12.3	79	5.7	0	6	6	11	8	0	0	0	0	1	2	6	10	8	4	0	0	19	10	2	3	2	0	4	9	1	6	4
	15	125	1016.2	-	16.4	3.3	12.6	68	6.2	0	3	4	17	7	0	0	0	0	0	2	6	4	7	12	0	0	26	5	0	1	3	2	4	9	5	4	3
	21	125	1016.5	-	12.2	1.2	12.3	86	6.0	0	5	3	11	12	0	0	0	1	0	2	7	12	7	2	0	0	8	21	2	1	2	0	7	9	2	5	3
Cornwall St. Mary's, Scilly H	3	199	1015.7	-	10.9	0.4	12.5	95	4.5	3	8	6	4	8	2	0	0	2	0	0	1	9	8	7	4	0	3	14	14	0	2	1	6	1	3	6	9	3
	9	199	1016.1	+0.8	12.6	1.0	12.9	89	6.0	2	2	5	12	9	1	0	0	0	2	0	4	9	10	4	2	0	0	20	10	1	2	1	4	4	2	8	8	1
	15	199	1015.9	-	13.6	1.3	13.4	86	6.0	1	3	6	9	10	2	0	0	0	2	1	1	9	14	3	1	0	4	22	5	0	1	2	3	6	1	9	8	1
	21	199	1015.5	-	11.4	0.4	12.9	95	5.8	0	3	10	7	8	3	0	1	1	1	0	1	13	8	4	2	0	1	15	15	0	4	0	2	5	6	3	10	1
St. Mawgan H	3	350	1015.9	-	10.4	0.5	11.8	93	5.1	1	8	6	5	11	0	0	0	0	0	0	6	8	13	4	0	0	1	16	14	0	1	1	6	3	7	8	4	1
	9	350	1016.5	-	12.6	1.3	12.4	84	6.1	0	2	8	10	10	1	0	1	0	0	0	3	7	6	12	2	0	0	23	8	0	2	1	3	5	5	10	3	2
	15	350	1016.0	-	14.2	2.0	12.6	79	6.2	0	3	7	9	12	0	0	0	0	0	1	2	7	6	12	3	0	5	22	4	0	4	0	2	5	5	6	8	1
	21	350	1015.9	-	11.5	0.8	12.4	91	5.7	0	5	6	9	11	0	0	0	0	1	1	4	11	10	3	1	0	1	13	17	0	3	1	5	4	7	7	2	2
9 NORTHERN IRELAND																																												
Londonderry Ballykelly H	3	6	1011.1	-	9.2	1.1	10.0	85	4.6	2	7	9	9	4	0	0	0	0	0	0	3	9	16	3	0	0	9	13	9	0	0	1	4	5	8	4	0
	9	6	1011.0	-	12.7	2.3	10.9	74	6.0	0	2	7	15	7	0	0	0	0	0	0	6	3	14	8	0	1	14	11	5	2	1	2	3	7	7	3	1
	15	6	1010.9	-	14.5	3.1	11.1	68	6.4	1	1	4	16	9	0	0	0	0	0	0	2	6	13	10	0	2	17	11	1	1	4	2	3	2	5	12	1
	21	6	1011.3	-	11.2	1.7	10.6	79	5.5	1	5	5	13	7	0	0	0	0	0	0	3	7	17	4	0	0	6	18	7	0	2	3	5	5	5	4	0
Antrim Aldergrove H	3	241	1012.4	-	9.1	1.0	10.1	87	5.5	0	4	8	12	6	1	0	1	0	0	0	1	7	7	15	0	0	1	13	14	3	2	2	3	1	6	9	5	0
	9	241	1012.4	-	12.1	1.9	11.1	79	6.5	0	0	7	16	8	0	0	0	0	1	3	5	5	12	5	0	4	18	9	0	1	4	2	4	7	7	5	1
	15	241	1012.0	-	14.4	2.8	11.6	72	6.7	0	1	2	19	9	0	0	0	0	0	0	6	10	7	8	0	4	21	6	0	0	3	4	3	4	11	5	1
	21	241	1012.3	-	11.1	1.5	10.9	82	6.0	0	4	3	20	4	0	0	0	0	0	0	7	9	11	4	0	1	13	17	0	4	2	3	5	7	4	5	1
CHANNEL ISLES																																												
Guernsey States Airport H	3	360	1017.4	-	10.8	0.7	12.0	92	5.5	3	6	2	6	12	2	0	2	3	1	0	1	5	7	8	4	0	0	12	19	0	2	1	4	4	5	8	4	3
	9	360	1017.9	-	12.2	1.1	12.5	88	5.5	1	6	5	10	8	1	0	2	1	2	2	0	4	9	9	2	0	0	18	12	1	1	3	3	5	5	7	6	0
	15	360	1017.4	-	14.3	2.3	12.2	75	5.0	1	5	9	13	2	1	0	0	1	0	0	0	8	4	13	5	0	0	15	15	1	3	4	2	1	6	3	9	2
	21	360	1017.1	-	11.7	1.2	11.9	87	5.1	2	6	4	13	5	1	0	1	1	1	0	2	7	4	11	4	0	0	16	14	1	2	3	4	3	3	5	8	2

H *See* Notes on Tables in the Introduction.

Table XIII—Solar Radiation and Intensity of Illumination May 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination on a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	735	21	115	3	396.4	31	364	26,30	115	3	240.6	31	786	21	133	3	582.6	31
Eskdalemuir Observatory ...	784	26	79	18	399.2	31	365	16	77	18	245.6	31	802	26	87	18	424.7	31
Cambridge	753	17	152	22	482.3	31	366	23	150	22	280.4	31	-	-	-	-	-	-
Kingsway	758	17	119	22	478.5	31	360	23	112	22	263.6	31	854	12	130	22	533.1	31
Kew Observatory	748	17	151	22	463.4	31	330	25	141	12	250.0	31	861	17	185	22	519.5	31
Aberporth	793	19	165	21	490.4	31	372	13	139	14	270.6	31	-	-	-	-	-	-

Table VIII—Number of Days in May 1964 with Maximum and Minimum Temperatures between given limits.

Station	Maximum Temperature °C.							Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	0	8	23	0	0	0	0	0	0	0	0	5	26	0	0
Stornoway	0	0	1	26	4	0	0	0	0	0	0	0	2	29	0	0
Craibstone	0	0	1	21	9	0	0	0	0	0	0	0	11	20	0	0
Rothesay	0	0	0	21	10	0	0	0	0	0	0	0	0	25	6	0
Renfrew	0	0	0	16	11	4	0	0	0	0	0	0	2	23	6	0
Eskdalemuir Observatory	0	0	1	20	5	5	0	0	0	0	0	0	10	20	1	0
Douglas	0	0	1	20	6	4	0	0	0	0	0	0	0	24	7	0
Cockle Park	0	0	0	17	12	2	0	0	0	0	0	0	5	25	1	0
Gorleston	0	0	0	10	19	2	0	0	0	0	0	0	0	19	12	0
Cambridge	0	0	0	2	15	12	2	0	0	0	0	0	2	19	10	0

Station	Maximum Temperature °C.							Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	0	0	9	12	10	0	0	0	0	0	0	0	22	9	0
Kew Observatory	0	0	0	2	17	12	0	0	0	0	0	0	0	15	16	0
Hastings	0	0	0	14	12	5	0	0	0	0	0	0	0	17	12	1
Southampton	0	0	0	3	19	9	0	0	0	0	0	0	1	15	15	0
Stonyhurst	0	0	0	16	7	8	0	0	0	0	0	0	3	22	6	0
Bidston	0	0	0	15	7	9	0	0	0	0	0	0	0	19	12	0
Valley	0	0	0	20	6	5	0	0	0	0	0	0	0	21	10	0
Falmouth	0	0	0	16	12	1	0	0	0	0	0	0	2	18	11	0
Aldergrove	0	0	0	16	11	4	0	0	0	0	0	0	2	24	5	0
Armagh	0	0	0	12	15	4	0	0	0	0	0	0	3	22	6	0

Table I—District Values — Additions and Corrections (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
1963 January										
District 0		-16.3								
" 6		-16.3								
N. Ireland									33	
February										
N. Ireland									83	
March										

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
1964 February										
District 0								-5	68	
" 1								-4	51	
" 2								-5	46	
" 3								-2	61	
" 4								-3	43	
" 5								-2	58	

Table I—District Values — Additions and Corrections (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
N. Ireland									162	
October										
District 3										82
November										
District 3										99
District 7	16.1	-8.3	+0.8	+0.6	+0.8	+1.4	+1.3	+5	160	94
December										

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
" 6								-5	37	
" 7								-4	28	
" 8								-2	58	
N. Ireland								-6	44	
Scotland								-5	48	
Eng. & Wales								-3	48	

Table I—District Values — Additions and Corrections (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
District 3										111

Districts	Air Temperature					Earth Temp.		Rain Days	Rain-fall	Sun-shine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	

Table IV—Additions and Corrections May 1964

Month	Station	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1	2	3 & 5	6	7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb	%																																								
1963																																																
June	Warhsa	3	89			10.9	0.7	12.0	92																																								
"	Scilly	3	199					13.4																																									
		9	199					14.6																																									
		15	199			15.4																																											

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METEOROLOGICAL OFFICE
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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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June 1964 — *Changeable; high rainfall in the south east.*

Weather was mainly cyclonic in character until the 21st with troughs or depressions over or near the British Isles, but during the remainder of the month a ridge of high pressure extended from the Azores across England and Wales to Germany.

Disturbances moving east along the English Channel gave rain over much of England and Wales during the first two days of the month, rain being heavy at times with occasional thunderstorms in the south-east on the 1st. Cool easterly winds kept day temperatures as much as 8°C below normal.

The 3rd was a quiet day with about average temperature but rain spread from the south-west as a deepening depression approached western Ireland, and rain became heavy and thundery in many districts on the 4th as a trough associated with the depression moved slowly east across the country. The frontal rain cleared eastern England on the 5th, but a depression moving north-east towards Northern Ireland brought a renewal of widespread rain on the 6th followed by a day of frequent thundery showers on the 7th as the depression moved away from Scotland further northwards.

An anticyclone moving slowly north-eastwards from the Bay of Biscay maintained dry sunny weather over most of the country on the 8th, and in south-east England during the next three days, although a trough from the Atlantic gave over an inch of rain in parts of south-west Scotland on the 9th. Day temperatures rose progressively in the south-east reaching 25°C locally on the 10th. The 11th was a little cooler, and the fine spell in the south-east was temporarily broken on the 12th by thunderstorms in a trough moving eastwards which gave rain over most of the country during the night. After a fair day the following night was also wet with thunderstorms in the south-east during the evening.

The next few days were unsettled and rather cool. Rain in a westerly airstream reached western districts on the 14th becoming widespread at night. There were long sunny periods in the south during the next two days but frontal rain from the Atlantic reached western Scotland on the 16th. Winds fell light on the 17th and troughs over the British Isles became slow-moving giving periods of heavy rain during the 17th and 18th; Tunbridge Wells recorded over 2 inches on the 18th.

An intensifying ridge of high pressure to the west of the British Isles brought cool northerly winds to all districts during the next three days. Light snow fell in parts of the Scottish Highlands and there were frequent showers and occasional thunderstorms from the 19th to the 21st. Maximum temperature at Kew on the 21st was the lowest for that date since 1886.

Winds became light and variable on the 22nd and day temperatures began to rise. By the 24th a ridge of high pressure extended eastward across the country and the remainder of the month was generally drier and warmer. Many places in southern and central England had more than 12 hours of sunshine on the 26th and 27th, but rather dull weather with occasional drizzle in the extreme north-west on the 26th moved slowly southwards, reaching southern England on the 28th. The month ended with two mainly dry sunny days with temperature near average.

Pressure and Wind — Mean pressure was below the 1921-50 average, the deficit at 9h ranging from 1.6 mb at Lerwick to 0.2 mb at Stornoway. Surface winds were easterly at first veering to between south and south-east on the 4th, and becoming mainly south-westerly from the 7th to the 16th, after which winds were predominantly north-westerly or variable until the end of the month. Winds reached gale force in Scotland on 6 days 15th (4 days) in England and Wales. A gust of 56 kt was recorded at 16th, after which winds predominantly north-westerly or variable until the end of the month. Winds reached gale force in Scotland on 6 days, mainly during the second half of the month, and on the 1st, 7th, 12th and 15th (4 days) in England and Wales. A gust of 56 kt was recorded at Port Talbot on the 1st.

Temperature — In England and Wales day temperatures were considerably below the average on the 1st and 2nd and from about the 15th to the 23rd (5°-6°C below around the 20th), and above the average for some days during the second and fourth weeks. Night temperatures were mainly above the average until the 18th. In Scotland the warmest period occurred from the 23rd to the 26th, and the highest temperature recorded, 23.9°C in the Edinburgh area, was the lowest absolute maximum temperature during June for Scotland as a whole since 1931.

Extremes included (England and Wales) 27.2°C at Gillingham, Kent on the 27th, 0.0°C at Malham Tarn and Stratford on Avon on the 20th; (Scotland) 23.9°C at Davidson's Mains on the 26th, −4.4°C at Cairngorm on the 20th; (Northern Ireland) 22.2°C at Larne on the 26th, −1.1°C at Lough Bradon on the 2nd.

Rainfall — Rainfall was below average in many western districts being 75 per cent below in parts of north-west England, North Wales and south-west England. A feature of the month, however, was the heavy thundery rain, especially in south-east England. Amounts about 175 per cent of the average were recorded near the mouth of the Tay in Scotland, and rainfall exceeded 200 per cent of the average south-east of a line from the Wash to the Isle of Wight, and 300 per cent of the average in some coastal parts of Kent and Sussex. At Worthing it was the wettest June since rainfall records began in 1887.

Thunder was heard in Scotland on 12 days and in England and Wales on the 1st, 2nd, 4th-7th, 10th, 12th-14th, 16th, 18th-23rd (17 days). Thunderstorms were widespread on the 4th and 12th.

Snow or sleet was observed in Scotland on 5 days (1st, 2nd and 18th-20th) and was reported lying on the Cairngorms on the 2nd, 3rd and 19th-22nd (6 days).

Sunshine — In Scotland sunshine amounts varied considerably between east and west. It was above average in many places in the east but deficits of 30 hours or more were reported from the south-west. In England and Wales no station recorded more than the average, percentages varying between 100 at Berwick on Tweed and 58 at Sheffield.

Fog — In Scotland fog was observed at 9h at one place or another on 10 days and in England and Wales on 16 days; it was recorded at a number of places in south-east England on the 24th.

Miscellaneous Phenomena — The aurora was not seen during June.

TABLE I—DISTRICT VALUES— JUNE, 1964 (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
0 SCOTLAND, N.	21.7	-4.4	-0.2	-0.5	-0.4	-	-	+2	104	99
1 SCOTLAND, E.	23.9	-3.3	-0.3	-0.3	-0.3	-	-	0	114	104
2 ENGLAND, N.E.	25.6	1.1	-1.2	+0.2	-0.5	-0.5	+0.5	+3	146	75
3 ENGLAND, E.	26.7	1.1	-0.8	+0.2	-0.3	+0.1	+0.5	+5	247	77
4 MIDLANDS	25.0	0.0	-1.7	0.0	-0.9	-0.1	+0.5	+2	137	68
5 ENGLAND, S.E.	27.2	2.2	-1.1	+0.1	-0.5	+0.5	+0.7	+3	203	79
6 SCOTLAND, W.	23.3	-1.5	-1.3	-0.1	-0.7	-0.1	-0.1	-1	117	88
7 ENGLAND, N.W. and N. Wales	26.1	1.2	-1.8	+1.0	-0.4	-0.9	-0.1	+1	87	74
8 ENGLAND, S.W. and S. Wales	25.0	0.6	-1.2	+0.3	-0.4	-0.1	+0.3	-1	111	74
N. IRELAND	22.2	-1.1	-1.1	-0.4	-0.8	-	-	+1	107	80
SCOTLAND	23.9	-4.4	-0.6	-0.3	-0.5	-	-	0	102	97
ENG. and WALES	27.2	0.0	-1.3	+0.3	-0.5	-	-	+2	139	75

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JUNE, 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22 to 33 knots: No. of days	Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Speed	Hour ended at		Highest Gust: Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h.m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	-	0	11	104	326	244	46	0	13.2	260	33	28	10	48	28	1115
Orkney	Kirkwall	134	50	33	-	0	10	97	319	251	53	0	12.7	290	27	8	06	42	16	0905
Caithness	Dounreay	110	39	30	-	0	8	59	381	278	0	2	12.8	140	29	4	14	40	4	1420
Sutherland	Shin	78	33	33	-	0	3	18	264	268	166	4	8.9	250	28	15	18	44	15	0810
Ross &	Stornoway (Coastguard)	120	40	36	-	0	10	81	348	210	81	0	12.7	190	30	26	16	43	28	1010
Cromarty	Duirinish	125	65	55	26	1	7	30	366	255	59	9	11.3	200	35	26	19	50	26	1820
Inverness	Benbecula	69	51	35	-	0	12	102	469	149	0	0	14.8	290	28	15	07	45	15	0655
1 Moray	Lossiemouth	101	80	60	-	0	5	8	260	280	172	0	9.5	340	26	19	16	43	19	1530
Aberdeen	Dyce	234	30	30	-	0	6	10	331	272	107	0	10.2	300	24	15	13	40	15	1215
Angus	Auchterhouse ...	822	62	50	-	0	5	12	301	299	94	14	9.9	260	27	15	13	43	15	1245
	Bell Rock Lighthouse	126	131	124	-	0	19	114	433	120	53	0	15.1	220	30	26	22	43	2	1835
Perth	Rannoch	1006	56	57	-	0	12	58	338	236	88	0	11.4	350	28	19	19	42	15	1030
Fife	Leuchars	78	40	40	-	0	5	22	372	291	35	0	11.2	270	25	15	12	43	26	2045
Midlothian	Turnhouse	137	40	33	-	0	4	18	335	309	58	0	10.8	260	27	15	13	41	15	1155
	Edinburgh, Blackford Hill	496	50	34	-	0	12	78	401	200	41	0	13.5	240	31	15	13	52	15	1530
6a Argyll	Tiree	89	60	47	-	0	9	72*	484	134	30	0	14.4	350	28	19	20	44	19	1425
Bute	Millport	50	34	34																
Renfrew	Paisley	188	81	31	-	0	0	0	176	423	121	0	7.5	260	19	15	16	38	15	1540
	Renfrew	71	41	39	-	0	0	0	309	346	65	0	9.6	260	21	15	14	38	15	0130
Lanark	Lowther Hill ...	2412	43	33	7-9, 15, 29, 30	30	22	202	358	76	8	46	18.8	310	39	30	18	56	15	1200
Ayr	Prestwick Airport ...	68	33	33	-	0	0	0	354	323	43	0	10.3	300	21	19	15	33	29	0150
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	2	2	130	385	203	0	6.5	290	26	30	17	46	30	1625
Wigtown	West Freugh ...	81	33	33	-	0	3	9	339	284	88	000	10.0	340	25	19	17	39	19	1720
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	-	0	9	47	408	202	63	0	12.5	220	28	11	07	41	11	0610
	Point of Ayre ...	64	33	33	-	0	8	15	431	232	42	0	12.0	300	25	19	17	40	9	1615
2 Durham	Durham	389	53	33	-	0	2	7	296	306	111	0	9.4	260	24	8	08	41	15	1100
	South Shields ...	73	57	44	-	0	3	7	294	332	87	0	9.8	350	23	22	05	35	15	0845
Lincoln	Cranwell	268	47	47	-	0	0	0	151	384	162	23	7.1	270	20	30	13	37	22	0925
3 Norfolk	Gorleston	45	33	33	-	0	3	33	221	427	37	2	9.8	040	28	1	17	36	1	1620
Suffolk	Mildenhall	98	83	60	-	0	0	0	114	406	200	0	6.3	230	17	7	14	33	7	1315
Bedford	Bedford	327	42	30	-	0	0	0	184	386	114	36	7.6	(320	20	22	12)	(32	29	0850)
	Cardington	226	133	133	-	0	1	4	299	327	90	0	9.5	040	22	1	06	35	6	1445
Hertford	Garston	307	50	33	-	0	0	0	34	498	188	0	5.3	210	14	7	14	31	6	1405
	Rothamsted	461	41	33	-	0	0	0	19	375	326	0	4.3	060	13	1	09	31	1	0605
Essex	Stansted ...	351	31	31	-	0	0	0	187	394	139	0	7.5	320	19	29	08	30	19	1915
	Coryton	66	57	48																
	Shoeburyness ...	118	106	91	-	0	5	31	270	356	59	4	10.1	050	31	1	09	45	1	0955
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	86	398	236	0	4.7	330	16	30	24	38	30	1900
Warwick	Edgbaston	643	118	73	-	0	0	0	40	568	112	0	5.9	050	17	1	13	29	1	0350
	Elmdon	343	31	31	-	0	0	0	258	399	63	0	9.0	310	20	29	09	36	29	1440
Buckingham	Amersham	500	50	50	-	0	0	0	37	486	194	3	5.5	030	15	1	06	31	6	1400
Stafford	Keele	706	50	33	-	0	0	0	49	456	215	0	5.5	050	17	1	01	39	1	0025
Gloucester	Avonmouth	92	61	33	x															
5 London	Kingsway	208	143	41	-	0	0	0	123	493	104	0	7.2	070	17	1	09	36	7	1430
Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	2	185	478	55	0	8.1	220	23	7	15	36	7	1415
	Hampton	139	101	100	-	0	0	0	95	386	239	0	5.7	230	20	7	15	35	7	1015
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	110	428	182	0	6.4	230	21	7	15	41	7	1135
	Gatwick	232	38	33	-	0	0	0	85	383	252	0	5.6	230	19	7	13	39	12	2240
Kent	Isle of Grain ...	48	40	33	-	0	1	10	63	285	362	0	4.7	060	25	1	05	40	1	0540
	Dover	68	38	62	-	0	1	1	132	393	194	0	6.5	040	22	1	08	34	7	1625
Sussex	Thorney Island ...	75	65	42	-	0	0	0	145	379	196	0	6.6	250	18	7	15	34	7	1410
Hampshire	Hurn	86	53	46	-	0	1	3	219	359	139	0	8.2	220	23	7	13	35	7	1245
	Calshot	50	41	33	-	0	2	3	327	341	49	0	10.3	210	24	7	05	35	19	1935
	S. Farnborough ...	316	69	35	-	0	0	0	179	381	160	0	7.3	220	18	7	15	32	7	1305
Berkshire	Abingdon	295	40	40	-	0	0	0	217	314	189	0	7.4	050	19	1	06	32	1	0520
Wiltshire	Larkhill	491	51	36	-	0	1	1	149	381	189	0	7.0	040	23	1	05	39	1	0500
	Boscombe Down ...	425	55	55	-	0	0	0	135	373	212	0	6.6	210	21	7	13	38	1	0510
	Porton	406	44	44	-	0	2	3	105	305	307	0	5.7	220	23	7	14	37	6	1835
7a Cumberland	Carlisle	137	42	30	-	0	1	1	227	410	82	0	8.5	240	23	15	10	37	15	0925
	Sellafield	83	39	35	-	0	2	4	314	357	45	0	10.0	250	23	14	20	36	14	1935
	Spadeadam	959	51	50	-	0	4	7	368	302	43	0	10.7	260	24	15	17	41	11	1340
Westmorland	Great Dun Fell ...	2813	33	33	1, 2, 7, 10, 11 ∅	45	25	298	269	77	31	0	20.2	280	40	15	10	53	15	1200
	Moor House ...	1960	50	45	30	1	14	122	441	131	25	0	15.3	280	35	30	13	51	30	1305
Lancashire	Squires Gate ...	88	55	35	-	0	5	29	424	227	40	0	12.3	260	28	15	13	39	15	1255
	Southport	59	41	33	-	0	1	13	219	290	198	0	7.8	270	26	15	13	36	30	2355
	Fleetwood	112	50	31	-	0	2	11	264	356	68	21	9.7	340	23	29	06	37	15	1250
	Speke	84	41	33	-	0	1	1	322	341	56	0	10.0	270	22	15	10	37	15	0820
	Manchester W/Centre	268	147	55	-	0	1	1	148	417	154	0	7.1	090	23	1	04	49	1	0930
Cheshire	Bidston Observatory	262	64	39	-	0	3	16	305	354	45	0	-	270	26	15	13	42	15	1230
	Ringway	261	33	33	-	0	1	10	173	386	151	0	7.6	060	27	1	03	43	1	0210
7b Anglesey	Valley	86	53	40	-	0	11	96	366	201	57	0	13.5	190	32	11	07	46	1	0715
8a Cardigan	Aberporth	483	41	41	-	0	5	35	400	215	70	0	11.8	170	31	9	12	47	9	1135
Pembroke	Brawdy	432	68	45	-	0	4	21	392	252	45	10	11.7	170	25	6	15	39	6	1200
Glamorgan	Port Talbot	91	40	35	-	0	2	11	316	304	89	0	10.1	070	30	1	08	56	1	0705
	Rhoose	257	37	32	-	0	5	28	271	392	29	0	10.5	060	29	1	08	43	1	0925
8b Dorset	Portland Bill ...	160	155	155	1, 7, 12, 16	8	18	116	382	181	33	0	14.9	070	38	1	07	49	1	0340
Devon	Plymouth Hoe ...	191	88	65	-	0	2	8	233	330	149	0	8.5	-	26	6	13	35	1	1045
Cornwall	St. Mary's, Scilly ...	230	65	57	-	0	4	25	403	260	32	0	11.7	150	27	6	08	47	6	0710
	The Lizard	315	75	60	-	0	9	53	387	250	30	0	12.3	100	28	1	09	40	1	0815
NORTHERN IRELAND																				
9 Londonderry	Ballykelly	56	50	35	-	0	0	0	218	323	179	0	7.6	290	21	15	12	36	15	1115
Antrim	Aldergrove	263	33	33	-	0	2	12	433	211	64	0	11.5	330	25	19	17	39	14	1535
Fermanagh	Castle Archdale ...	263	43	43	-	0	0	0	247	386	87	0	8.6	260	20	15	04	39	10	1416
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	-	0	4	21	393	280	26	0	11.3	250	26	7	16	38	7	1540

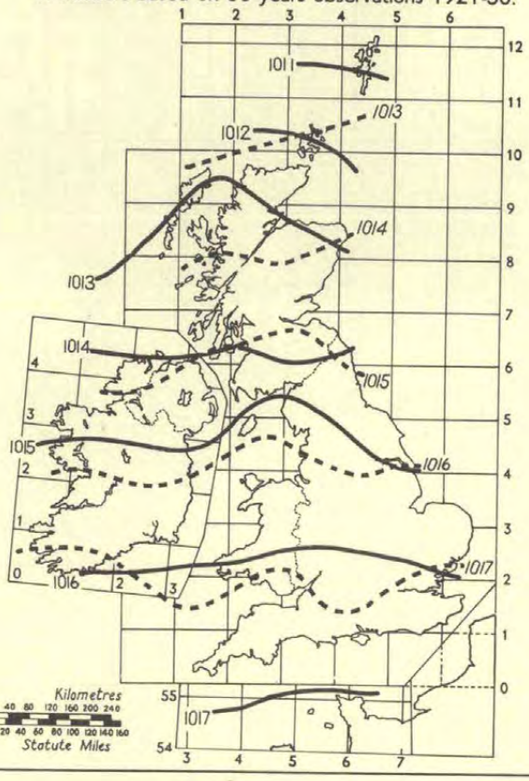
‡ Record ceased ‡ Incomplete record * Defective record

∅ Also on 13th-15th and 30th

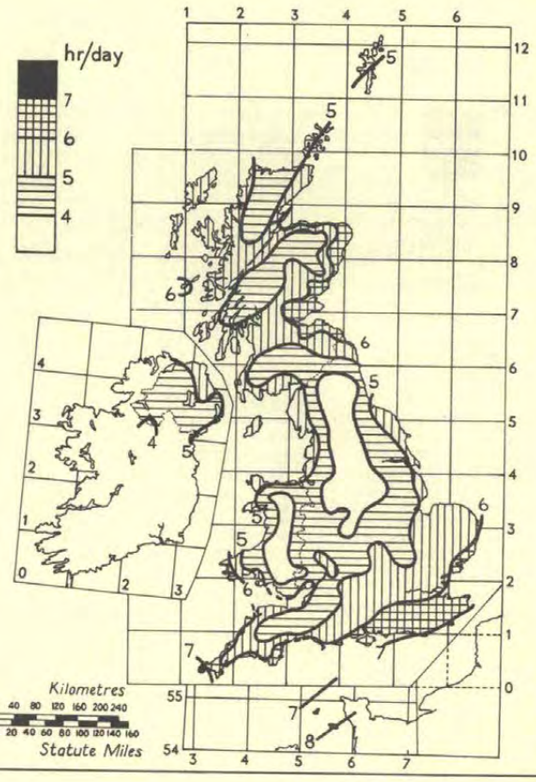
MONTHLY WEATHER CHARTS JUNE 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



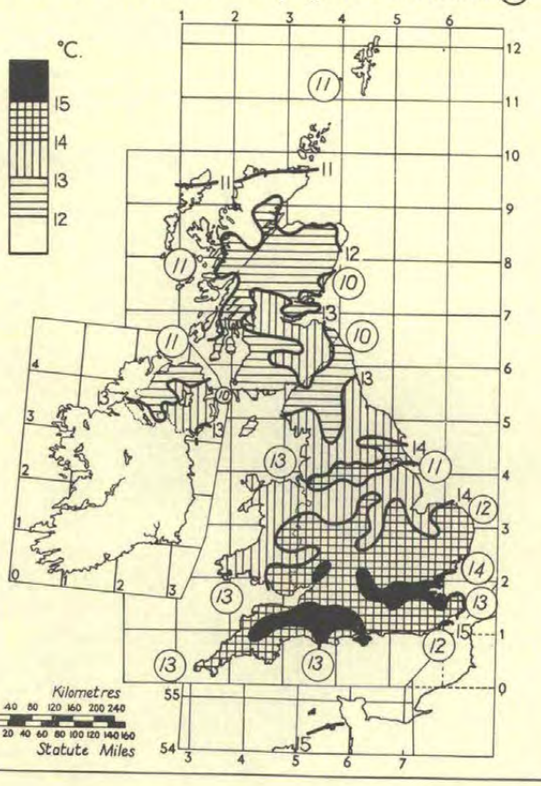
BRIGHT SUNSHINE



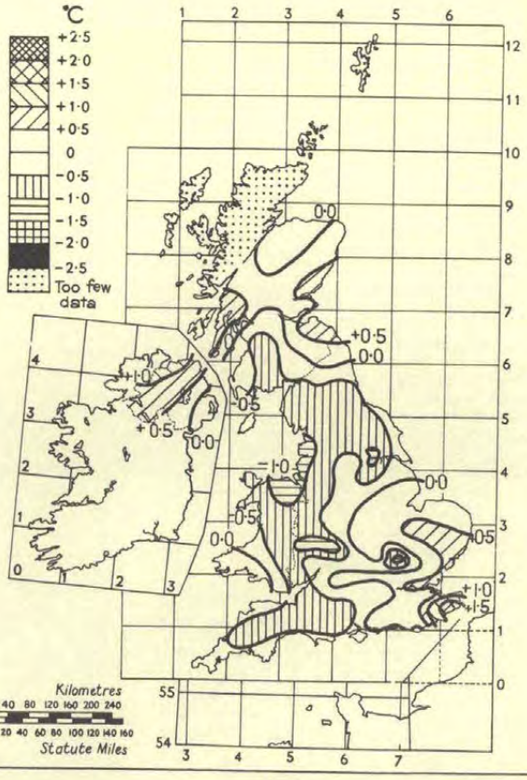
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

JUNE 1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

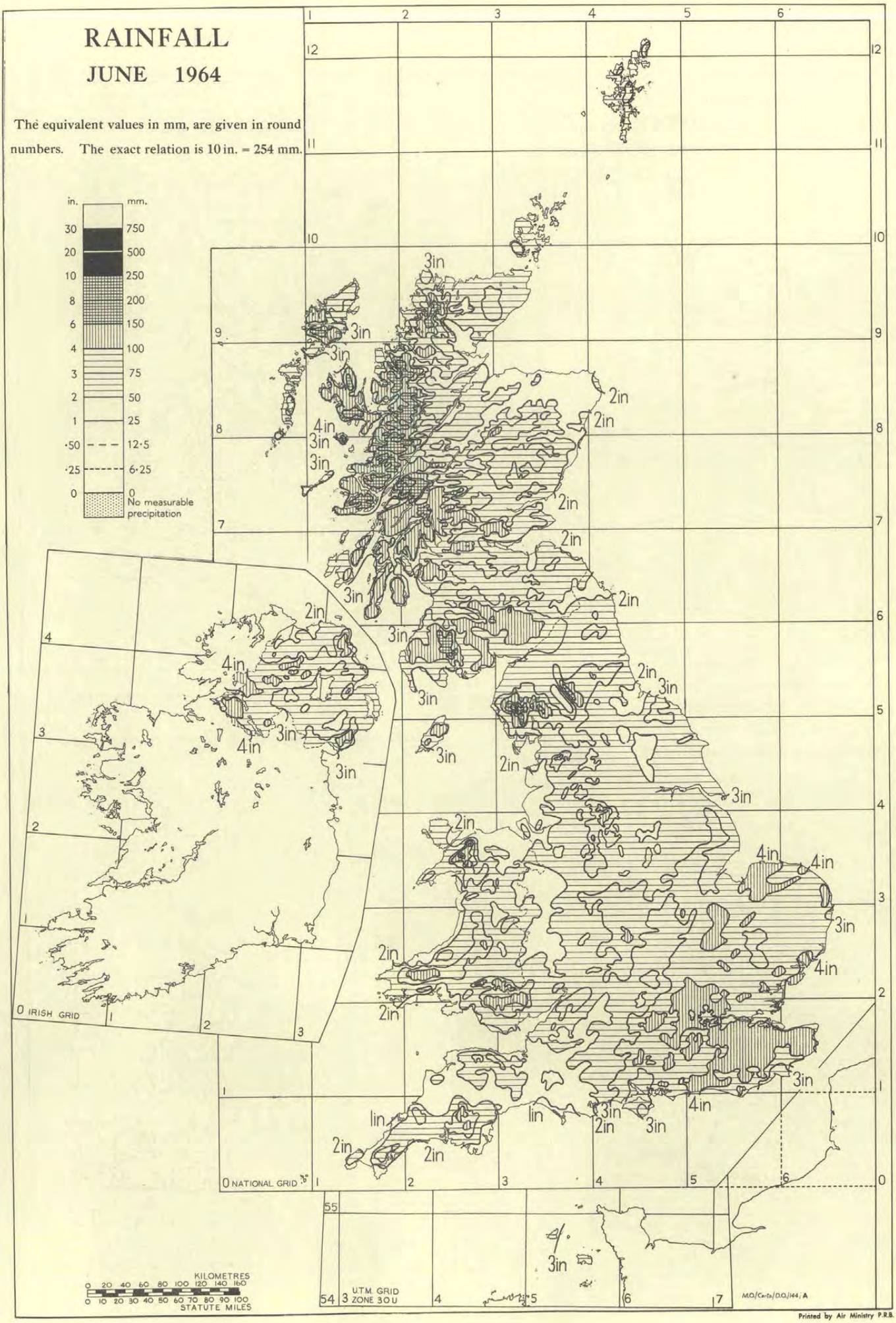


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TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost ↑	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																													
Zetland	Hamnavoe	9 9	70	12.8	8.2	10.5	-	16.7	5,10	4.4	1,2,3	-	-	2.53	-	.50	26	20	15	0	0	0	0	1	0	0	-	2	6.07	-
	Lerwick Obs'y. ¶§	21-9	269	12.6	7.3	9.9	-0.1	16.1	10	1.9	1	-	-	2.74	122	.53	26	22	15	0	0	0	0	0	3	0	1	2	5.44	104
	Baltasound	9 9	78	12.9	7.2	10.1	-	16.1	12	2.2	2,22	10.2	-	3.28	128	.50	26	21	14	0	0	0	0	0	2	0	-	1	4.30	-
Orkney	Sule Skerry	9 9	43	12.2	8.5	10.3	-	14.7	10	3.5	2	-	-	2.01	-	.30	26	18	12	0	0	0	0	0	0	0	0	0	-	-
	Stenness	9 9	75	14.1	7.2	10.7	-	18.9	5	1.1	4	10.7	-	2.89	-	.37	26	21	17	0	0	0	2	1	1	0	3	0	5.02	-
	Costa	9 9	115	13.6	7.4	10.5	-	18.3	5	3.9	1,2,18	-	-	3.18	-	.49	26	22	15	-	-	-	-	-	-	0	0	-	4.75	-
	Kirkwall	21-9	84	13.4	7.7	10.5	-	18.0	10	3.5	1,2	-	-	2.80	137	.53	26	18	15	3	0	0	2	0	1	0	1	0	5.09	93
Caithness	Dounreay	9 9	70	14.3	7.4	10.9	-	18.9	9	1.7	1,4,18	-	-	2.30	-	.46	12	19	14	0	0	0	1	1	0	0	1	0	-	-
	Wick ¶§	21-9	119	14.4	7.3	10.9	+0.1	19.2	10,24	1.3	18	-	-	2.06	101	.48	4	18	14	0	0	0	1	1	2	0	4	0	5.48	91
Sutherland	Cape Wrath	21-9	367	12.1	7.8	9.9	-0.7	17.6	5	2.5	2	-	-	3.04	102	.35	14	20	15	1	0	0	0	0	3	0	0	3	-	-
	Achany	9 9	280	16.2	6.3	11.3	-	20.6	10	-1.7	1	11.8	9.7	2.16	88	.47	12	20	13	0	0	0	0	0	0	2	12	0	-	-
	Strathy	9 9	120	14.9	6.9	10.9	-0.7	19.4	5	0.6	1,4,18	-	-	2.86	106	.54	10	21	14	0	0	0	0	1	1	0	-	0	4.57	87
Ross & Cromarty	Stornoway ¶§	21-9	11	14.1	7.9	11.0	-0.6	17.0	5	3.2	17	-	-	2.31	90	.36	9	21	12	0	0	0	0	0	0	0	1	0	5.34	93
	Balmacara	9 9	2	15.9	8.3	12.1	-	19.4	1,23	-0.6	20	-	-	3.39	-	.78	26	14	13	-	0	-	-	-	-	1	-	-	-	-
	Poolewe	9 9	20	15.0	8.0	11.5	-	18.9	5	0.6	1	-	-	3.17	-	.85	26	13	13	-	-	-	-	-	0	0	0	-	5.43	- S
	Inverpolly	9 9	45	15.2	7.6	11.4	-	18.9	4,23	0.6	2	12.0	-	3.03	-	.48	14	19	15	0	0	2	0	2	-	0	8	0	4.08	-
	Achnashellach	9 9	220	15.2	7.1	11.1	-1.3	19.4	5,23	0.0	2	-	-	4.28	85	.80	14	20	17	0	0	0	0	0	0	0	-	0	-	-
	Kinlochewe	9 9	76	15.9	7.4	11.7	-	21.1	5	-0.6	2	12.1	-	4.04	-	.68	14	17	15	0	0	0	0	0	1	1	8	0	3.89	- S
	Blackbridge	9 9	690	15.4	6.0	10.7	-	20.0	23	(-1.7)	4	-	-	1.85	-	.35	15	17	12	-	-	-	-	-	0	1	5	-	4.74	-
	Fortrose ¶§	9 9	15	15.1	9.3	12.2	-0.3	18.3	24,25,26	3.9	1	-	-	2.20	123	.54	7	16	11	-	0	-	-	-	1	0	-	-	5.89	103
	Tarbatness	21-9	60	14.4	8.5	11.5	-	20.0	10	4.5	1	-	-	1.83	-	.42	7	13	10	0	0	0	0	0	2	0	-	0	-	-
Inverness	Benbecula	21-9	19	14.0	9.0	11.5	-0.7	15.9	5	1.9	1	-	-	2.91	100	.74	26	19	11	0	0	0	2	0	0	0	1	0	5.44	-
	Isle of Rhum	9 9	15	15.2	8.2	11.7	-	18.3	23	2.2	1,2	14.7	11.8	5.21	-	1.70	26	18	16	0	0	1	0	0	0	0	4	5	-	-
	Prabost	9 9	220	14.4	7.9	11.1	-	17.2	5,23	2.2	1	-	-	4.32	-	1.73	26	22	14	0	0	0	0	0	1	0	5	1	5.66	-
	Duntulm	9 9	294	13.6	8.1	10.9	-0.6	16.7	5,23,24	2.2	1	-	-	3.06	91	1.05	26	20	12	0	0	1	0	0	1	0	1	0	5.63	99
	Onich ¶§	9 9	48	15.3	8.1	11.7	-0.9	18.3	5,17,21	0.6	20	-	-	4.16	85	.53	5,12	17	14	0	0	0	0	2	0	0	3	0	5.05	104 S
	Fort William	9 9	27	15.9	8.2	12.1	-	20.0	17	0.0	20	13.5	12.4	2.90	-	.42	7,10	17	12	0	0	0	0	0	0	0	2	0	5.26	-
	Fort Augustus	9 9	70	16.0	8.1	12.1	-0.6	21.7	23	0.6	20	-	-	1.88	-	.47	14	16	11	0	0	0	0	0	0	0	-	0	5.45	- S
	Cannich	9 9	350	16.2	6.2	11.2	-	20.6	23	-3.9	1	-	-	2.44	92	.67	12	16	13	0	0	0	0	0	0	5	8	0	-	-
	Inverness	9 9	13	16.3	8.2	12.3	-	20.0	5	2.2	1	-	-	2.72	-	1.11	2	11	9	0	0	1	0	1	0	0	1	0	5.68	-
	Coire Cas Shieling	9 9	2500	11.6	4.4	8.0	-	17.2	26	-1.7	1	-	-	3.49	-	.78	19	16	14	3	2	2	0	1	0	3	-	0	-	-
	Cairngorm	9 9	3575	8.5	1.9	5.2	-	13.3	23,26	-4.4	1	-	-	4.72	-	(.95)	19	17	15	6	7	1	0	1	-	5	-	-	(3.69)	-
	Achnagoichan	9 9	1000	15.7	5.8	10.7	-	20.0	25	-3.3	1	10.5	-	1.55	-	.37	7	15	8	0	-	0	0	0	-	2	6	0	-	-
	Glenmore Lodge	9 9	1120	15.3	6.2	10.7	-	19.2	23	-1.1	4	-	-	2.31	-	.90	19	13	8	0	0	0	0	0	0	1	8	0	4.94	- S
1	SCOTLAND, E.																													
Nairn	Nairn ¶§	9 9	20	16.0	6.8	11.4	-1.2	20.6	24	-2.2	1	-	-	2.16	115	.33	1	16	12	0	0	1	0	0	1	1	4	0	5.99	105
Moray	Forres	9 9	155	16.1	6.3	11.2	-	20.6	10,23	-0.6	1	13.5	11.2	1.69	84	.33	2	17	12	0	0	1	0	0	0	1	2	0	5.08	85
	Kinloss	21-9	15	16.3	7.6	11.9	-	20.7	10	0.0	1	12.1	-	1.54	-	.22	12	16	12	0	0	0	3	0	0	0	4	0	5.23	-
	Elgin	9 9	92	16.6	8.1	12.3	-	21.7	10	1.1	1	-	-	1.41	-	.24	13	15	13	0	0	0	0	0	0	0	3	0	5.96	-
	Lossiemouth	9 9	21	15.8	7.8	11.8	-0.7	21.1	10	1.7	1,4,17	-	-	1.57	-	.28	7	15	10	1	0	2	0	0	0	0	3	0	-	-
	Gordon Castle	9 9	104	16.2	7.9	12.1	-0.8	21.1	10	1.1	1	-	-	1.59	70	.47	1	15	11	0	0	1	0	0	-	0	-	0	5.47	97
Banff	Banff	9 9	80	15.7	8.4	12.1	-	21.7	10	3.3	17	-	-	1.60	-	.27	19	17	10	0	0	0	0	0	1	0	-	0	6.03	-
Aberdeen	Braemar	9 9	1113	15.6	6.1	10.9	-0.5	20.0	23,26	-2.2	1	-	-	2.17	115	.55	7	10	9	-	0	-	-	-	0	2	-	-	5.44	- S
	Balmoral	9 9	927	15.3	5.3	10.3	-1.2	19.4	24,25,26	-3.3	1	-	-	2.60	141	.87	7	15	8	2	0	0	0	0	-	3	5	0	-	-
	Dinnet	9 9	580	16.8	6.6	11.7	-	21.1	25	-2.2	1	12.6	-	2.01	-	.55	7	13	7	-	0	-	-	-	0	2	5	-	5.97	-
	Huntly	9 9	405	-	-	-	-	-	-	-	-	-	-	1.85	-	.52	9	13	9	-	-	-	-	-	-	-	-	-	-	-
	Fyvie Castle	9 9	218	16.5	7.0	11.7	-	22.2	26	0.0	4	-	-	1.79	-	.38	4	12	10	0	0	0	0	0	-	0	-	0	6.21	-
	Craibstone ¶§	9 9	300	16.1	7.4	11.7	-0.1	20.6	26	1.7	1.4	12.7	10.6	1.83	89	.53	4	15	9	1	0	1	0	1	0	0	2	1	6.61	108
	Dyce	21-9	190	16.8	7.1	11.9	-0.1	21.6	26	-0.1	4	-	-	1.99	93	.53	7	13	9	0	0	1	0	1	0	1	6	0	6.28	-
	Aberdeen	9 9	170	16.3	8.2	12.3	-	20.6	26	2.2	4	-	-	2.01	97	.63	4	11	8	0	0	1	0	1	0	0	0	0	7.18	120
	Hilton	9 9	230	16.3	8.2	12.3	-	20.0	25,26	2.2	1	13.9	-	2.06	-	.63	4	12	9	0	0	1	0	1	0	0	1	0	-	-
	Udny	9 9	352	15.7	7.0	11.3	-	20.6	26	0.6	2	-	-	2.02	-	.45	4	14	11	0	0	1	0	1	0	0	4	0	6.87	-
	Rattray Head	21-9	85	14.5	8.4	11.5	+0.3	20.0	26	5.0	2	-	-	2.35	130	.71	4	21	12	0	0	0	0	0	3	0	-	0	6.52	-
Kincardine	Fettercairn	9 9	560	15.9	7.1	11.5	-	20.6	26	1.7	1	-	-	3.06	-	.73	4	12	10	0	0	2	0	1	2	0	3	1	4.99	-
	Strachan	9 9	395	16.5	6.6	11.5	-	20.6	26	-1.7	1,4	11.1	-	2.46	-	.89	7	7	6	0	0	1	0	1	0	3	6	0	6.34	-
	Stonehaven	9 9	12	16.3	7.9	12.1	0.0	21.7	30	2.2	4	-	-	1.88	99	.79	4	15	7	0	0	1	0	0	1	0	-	0	-	-
	Muchalls	9 9	210	15.8	7.7	11.7	-	18.9	24,26,30	2.2	1	-	-	2.23	-	.70	4,7	9	9	0	0	0	0	1	2	0	1	0	-	-
Angus	Mylnefield	9 9	100	17.2	8.3	12.7	-	22.2	26	2.8	20	13.5	10.7	2.34	-	.70	4	14	7	0	0	0	0	0	1	0	1	0	6.95	-
	Auchterhouse	9 9	760	16.1	6.5	11.3	-	21.1	26	1.1	18	11.6	9.5	2.90	-	.85	12	12	9	0	0	0	0	2	1	0	7	0	6.27	-
	Dundee ¶	9 9	147	17.7	9.2	13.5	+0.3	23.3	27	3.9	1,2	15.5	-	2.86	144	.71	4	13	10	0	0	1	0	0	-	0	1	0	6.50	-
	Glamis Castle	9 9	200	17.1	7.3	12.2	-	21.7	26	-0.6	2	-	-	3.15	-	.74	4	12	9	0	0	2	0	1	0	1	6	0	-	-
	Whitehillocks	9 9	845	15.9	5.9	10.9	-	20.6	24,25,26	-1.1	1	-	-	3.02	-	.72	4	13	8	2	0	0	1	1	0	3	4	0	-	- S
	Buddon Ness	9 9	15	16.7	7.6	12.1	+0.2	22.2	30	-1.7	18	-	-	2.88	157	.59	12	11	9	0	-	1	0	1	1	1	-	0	-	-
	Carnoustie	9 9	29	16.4	8.7	12.5	-	22.2	26	3.9	1,2	15.4	-	2.81	148	.80	12	12	9	0	0	0	1	1	1	0	1	0	7.07	-
	Arbroath §	9 9	95	16.1	8.6	12.3	0.0	21.1	26,30	3.9	2	-	-	1.99	121	.53	4	12	8	0	0	0	0	0	1	0	0	0	6.97	105
	Montrose	9 9	186	17.1	8.2	12.7	-	23.3	26	3.3	1,4	-	-	1.99	110	.65	4	13	7	0	0	2	0	1	0	0	3	0	-	-
Perth	Dall	9 9	720	15.9	7.1	11.5	-	20.6	17	-1.7	-	-		1.13	-	.19	15	11	8	0	0	0	0	0	0	1	2	0	-	-
	Strathyre	9 9	425	15.6	8.3	11.9	-	20.0	24,25	-0.6	2	13.4	11.2	5.06	-	.66	4	14	14	0	0	0	0	0	0	1	1	0	-	-
	Callander	9 9	230	17.0	8.2	12.6	-	22.2	25	2.2	20	-	-	3.89	-	(.70)	6	14	14	-	0	-	-	-	0	0	1	-	-	-
	Ardtalnaig	9 9	427	16.6	7.9	12.3	-	21.7	23	0.6	1	-	-	1.95	-	.44	4	13	10	0	0	0	0	1	0	0	2	0	-	-
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	2.75	-	1.02	6	14	12	-	-	-	-	-	-	-	-	-	5.94	-
	Pitlochry	9 9	473	16.3	7.0	11.7	-	20.6	23	-2.2	1	-	-	2.98	-	.75	6	11	9	0	0	0	0	1	0	2	4	0	5.22	-
	Faskally	9 9	310	16.8	7.6	12.2	-	21.1	25,26	-1.1	1	13.6	11.4	2.44	-	.67	12	12	8	0	0	0	0	1	0	0	4	0	-	-
	Dunning	9 9	250	16.8	7.8	12.3	-	22.8	26	0.0	2	-	-	2.86	-	.95	6	15	11	-	-	-	-	-	0	0	8	-	6.85	-
	Perth	9 9	77	17.1	8.6	12.9	-0.7	22.8	25,26	1.1	2	-	-	2.46	128	.78	6	14	10	0	0	1	0	0	0	0	2	0	6.79	109
	Inveralmond	9 9	26	17.5	8.2	12.9	-	22.8	26	0.6	2	-	-	2.50	-	.86	6	14	9	0	0	0	0	1	-	0	3	0	-	-
	Blairgowrie	9 9	230	17.1	7.8	12.5	-	21.7	26	1.1	2	13.9	-	2.87	-	.95	6	11	8	0	-	0	0	1	-	0	4	0	5.62	-
	Glenshee Lodge	9 9	1100	15.1	6.0	10.5	-	20.0	25,26	-2.2	1	12.1	-	3.25	-	.85	6	16	12	2	0	0	0	1	0	2	6	0	-	-
Fife	Pitreavie	9 9	130	17.1	8.9	13.0	-	23.6	26	3.2	2	-	-	2.73	-	.82	9	14	11	0	0	1	0	0	0	0	1	0	-	-
	Ballingry	9 9	425	16.1	8.1	12.1	-	21.1	26	2.8	2	12.3	9.7	3.48	-	.76	6	14	12	0	0	0	1	3	1	0	2	0	6.70	-
	Kirkcaldy	9 9	137	16.9	8.9	12.9	-0.2	22.8	26	3.9	2	-	-	2.97	143	.76	9	13	11	0	0	1	0	0	0	0	0	0	6.57	-
	Cupar	9 9	82	16.8	8.1	12.5	-	22.2	26	2.2	1	13.3	-	2.66	-	.58	2	14	10	0	0	0	0	0	0	0	1	0	-	-
	Leuchars	21-9	35	16.9	8.2	12.5	-0.4	22.8	26	2.4	4	-	-	3.13	84	.63	2	13	11	0	0	1	0	2	1	0	0	0	7.18	109
	St. Andrews	9 9	13	16.7	8.9	12.8	+0.2	22.2	26	1.7	4	13.4	11.2	2.94	165	.49	4	14	12	-	0	-	-	-	1	0	0	-	6.88	104

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700																											
	Turnhouse ...	21-9	114	17.0	9.1	13.1	+0.2	23.7	26	3.1	20	-	-	2.28	123	.56	9	12	8	0	0	1	0	2	0	0	0	0	6.21	-
	Edinburgh—E. Craigs	9 9	200	16.6	8.9	12.7	-	22.2	26	3.9	20	-	-	2.23	-	.65	9	13	9	0	0	1	0	1	0	0	1	0	5.47	-
	Davidson's Mains	9 9	200	17.1	9.3	13.2	0.0	23.9	26	4.4	2	13.6	-	2.36	-	.69	9	13	8	0	0	0	0	1	0	0	0	0	5.86	- S
	Penicuik	9 9	620	16.2	7.8	12.0	-	22.2	26	2.2	18,23	13.4	-	2.53	-	.54	9	16	10	0	0	1	0	1	0	0	0	0	4.98	-
	Bush House ...	9 9	605	15.5	8.2	11.9	-	21.7	26	2.8	23	13.0	10.8	2.36	-	.48	9	14	10	0	0	1	0	1	0	0	0	1	6.29	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	16.7	9.3	13.0	+0.1	23.3	26	4.4	2	-	-	2.05	109	.59	9	14	9	0	0	0	0	3	0	0	0	0	6.39	102
	Liberton ...	9 9	200	16.6	9.1	12.9	-0.4	22.8	26	4.4	2,18	-	-	2.16	-	.70	9	14	8	-	0	-	-	-	0	0	-	-	6.88	-
	Royal Bot. Gdns.	9 9	74	16.7	9.4	13.1	-0.3	22.8	26	5.6	2	14.8	-	2.20	-	.62	9	14	10	0	0	0	0	1	0	0	0	0	6.68	107
E. Lothian	Haddington ...	9 9	162	17.0	9.2	13.1	-	22.8	26	3.3	23	-	-	2.49	-	.42	9	13	10	0	0	2	0	2	0	0	0	0	6.39	-
	North Berwick ...	9 9	152	16.4	10.2	13.3	+0.5	22.8	26	6.1	20,23	-	-	2.78	143	.52	9	13	9	-	0	-	-	-	0	0	-	-	6.30	100
	Dunbar ...	9 9	75	16.0	9.4	12.7	0.0	22.8	26	5.0	23	-	-	2.43	-	.49	4	12	10	0	0	0	0	0	0	0	0	0	7.76	117
Berwick	Mertoun ...	9 9	225	16.8	8.8	12.8	-	21.1	12,24,26	3.3	2	-	-	2.13	-	.49	4	15	10	-	-	-	-	-	-	0	0	-	5.48	-
	Lauder	9 9	600	16.2	7.6	11.9	-	22.2	26	2.8	2	-	-	2.43	-	.70	4	14	10	0	0	1	0	3	1	0	2	0	5.53	-
	Marchmont ¶§	9 9	498	15.8	8.3	12.1	-0.6	21.1	26	3.9	2,20	-	-	2.31	114	.41	4	14	13	0	0	0	0	1	0	0	-	0	5.90	98 S
	Whitchester ...	9 9	838	15.7	7.4	11.5	-	20.6	24	1.1	23	-	-	2.80	-	.47	2	18	10	0	-	0	0	0	-	0	-	0	-	-
	St. Abb's Head ...	9 9	245	15.3	9.4	12.3	-	22.7	26	5.7	1	-	-	-	-	-	-	-	-	0	0	0	0	1	1	0	0	0	-	-
Peebles	Stanhope Farm	9 9	741	15.3	7.7	11.5	-	20.6	26	1.1	20,23	-	-	2.30	-	.46	9	15	12	0	0	1	0	1	0	0	2	0	-	-
	Blyth Bridge ...	9 9	830	14.8	7.5	11.1	-	20.0	26	1.7	20	-	-	2.49	-	.66	9	11	10	0	0	1	1	0	0	0	2	0	4.82	-
	West Linton ...	9 9	800	15.2	7.3	11.3	-	20.6	26	1.1	23	12.4	10.3	2.87	-	.65	9	16	13	0	0	1	0	0	0	0	0	0	-	-
	Glentress ...	9 9	580	16.2	7.2	11.7	-	22.2	26	1.7	20	-	-	2.39	-	.32	6,19	14	13	0	0	0	0	0	0	0	-	0	-	-
Selkirk	Bowhill ...	9 9	600	16.1	8.3	12.2	-	20.6	12,23,26	0.6	20	-	-	1.74	-	.30	4	13	11	0	0	1	0	2	1	0	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	16.1	8.2	12.1	-	22.2	26	3.3	2	-	-	2.27	-	.58	6	15	12	-	0	-	-	-	0	0	-	-	-	-
	Sourhope ...	9 9	900	15.8	7.8	11.8	-	22.2	26	2.8	20,23	-	-	1.72	-	.48	6	16	10	-	0	-	-	-	0	0	1	-	4.84	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	14.0	8.8	11.4	-0.8	17.4	25	3.6	1	-	-	3.18	113	.85	12	17	11	0	0	0	0	0	0	0	2	0	6.21	92
	Rhuvaal	21-9	65	14.1	9.1	11.6	-	18.0	26	4.9	2	-	-	3.60	-	.83	12	17	14	0	0	0	0	0	0	0	0	0	-	-
	Colonsay ...	9 9	87																											
	Tobermory ...	9 9	270	14.6	8.0	11.3	-	18.3	22	3.9	1,2	-	-	5.01	-	1.36	6	13	11	-	-	-	-	-	-	0	0	-	-	-
	Craighouse ...	9 9	10	15.7	9.1	12.4	-	20.0	25	3.9	2	-	-	4.32	-	1.01	12	20	15	-	0	-	-	-	0	0	0	-	-	-
	Campbeltown ...	9 9	10	16.2	8.8	12.5	-	20.0	29	(1.7)	2	-	-	4.29	-	.62	12	15	13	0	0	0	0	1	11	0	-	0	5.31	-
	Achaglachgach ...	9 9	40	15.8	7.8	11.8	-	19.4	25	1.1	2	-	-	3.83	-	.51	6	20	18	0	-	0	0	1	0	0	0	0	-	-
	Oban	9 9	229																											
	Lephinmore ...	9 9	30	16.4	9.1	12.7	-	20.6	26	2.8	2	-	-	3.37	-	.54	14	18	14	0	0	0	0	2	0	0	2	0	3.99	-
	Glenbranter ...	9 9	120	15.9	8.2	12.1	-0.6	18.9	23,25,26	-0.6	2	-	-	4.51	87	.80	14	17	14	-	0	-	-	-	0	1	2	-	-	-
	Benmore																													
	Forestry Sch.	9 9	46	16.1	8.2	12.1	-0.8	19.4	(25),26	-0.6	2	13.3	11.9	4.46	84	.79	12	16	12	0	0	0	0	0	0	1	1	0	-	- S
	Younger Bot. Gdns.	9 9	40	16.7	10.8	13.7	-	21.1	18	4.4	4	-	-	7.79	-	1.73	13	25	21	0	0	0	0	0	0	0	0	0	-	-
Bute	Rothesay ¶§	9 9	150	15.9	9.1	12.5	-0.5	20.0	26	4.4	2	12.6	11.1	3.46	100	.99	9	17	10	0	0	0	0	1	0	0	0	0	5.37	86
	Millport ...	9 9	16	15.2	9.7	12.5	-	18.3	18	3.3	2	-	-	2.83	103	.77	9	12	9	0	0	0	0	0	0	0	-	0	-	-
Dunbarton	Helensburgh ...	9 9	293	16.4	8.5	12.5	-0.7	20.0	18,26	0.6	2	-	-	3.07	91	.66	9	16	12	0	0	0	0	0	0	0	-	0	5.77	100 S
	Cumbernauld ...	9 9	310	17.1	7.9	12.5	-	23.3	26	2.2	2,(20)	-	-	3.60	-	.92	6	15	13	0	0	0	0	0	0	0	1	0	-	-
Stirling	Earls Hill ...	9 9	1100	14.2	6.7	10.5	-	19.1	26	0.3	20	-	-	4.29	-	1.41	6	17	14	-	-	-	-	-	3	0	2	-	5.77	-
	Stirling	9 9	151	17.1	9.6	13.3	-0.5	22.2	25,26	4.4	2	15.8	11.2	3.33	149	1.48	6	15	10	0	0	1	0	1	0	0	0	0	6.37	-
	Falkirk	9 9	100	17.3	8.9	13.1	-0.6	22.8	26	2.8	2	-	-	2.82	-	.94	6	12	10	-	-	-	-	-	-	0	-	-	-	-
Renfrew	Greenock ...	9 9	200	16.2	9.3	12.7	-1.0	20.6	25	3.3	2	-	-	3.15	94	.60	6	12	10	0	0	0	0	0	0	0	1	0	5.87	-
	Paisley	9 9	106	16.9	9.6	13.3	-0.8	21.1	26	3.3	2	14.3	11.0	2.67	104	1.04	6	14	9	0	0	0	0	1	0	0	0	0	5.45	92
	Barrhead ...	9 9	97	16.2	8.9	12.5	-	21.7	26	1.7	20	-	-	2.94	-	1.42	6	12	10	0	0	0	0	2	0	0	0	0	-	-
	Renfrew ¶§	21-9	26	16.8	9.3	13.1	-0.5	21.3	26	3.3	2	-	-	3.21	133	1.76	6	12	9	0	0	0	0	2	0	0	2	0	5.91	97 S
Lanark	Crossmyloof ...	9 9	75	16.9	9.2	13.1	-	21.1	26	3.3	2,20	-	-	2.37	-	.76	6	13	9	0	0	0	0	0	0	0	0	0	5.48	-
	Thorntonhall ...	9 9	453	15.6	8.1	11.9	-	20.0	26	1.7	20	-	-	2.51	-	.60	6	13	11	0	0	0	0	0	-	0	3	0	-	-
	Glasgow, Springburn	9 9	351	16.4	8.7	12.5	-1.0	21.7	26	1.7	2	-	-	3.31	128	.90	6	14	12	0	0	0	0	3	0	0	1	0	5.85	100
	Coatbridge ...	9 9	256	16.5	8.7	12.6	-	21.7	26	2.8	2	-	-	2.61	-	.70	6	13	10	0	0	0	0	0	0	0	-	0	-	-
	Happendon Station	21-9	675	15.1	7.1	11.1	-	21.0	26	-1.0	20	12.4	-	2.92	-	.74	9	16	11	0	0	0	0	0	0	1	4	0	3.97	
	Lowther Hill ...	21-9	2377	11.0	4.2	7.6	-	16.0	27	-1.5	3	-	-	-	-	-	-	-	-	2	-	0	0	2	16	3	-	6	3.24	-
	Leadhills ...	9 9	1270	14.4	6.9	10.7	-	20.0	26	0.0	20	-	-	4.50	-	1.00	9	19	16	0	0	0	2	1	2	0	1	0	-	-
	Carnwath ...	9 9	706	15.6	7.1	11.3	-	20.6	26	0.6	20	-	-	2.29	-	.72	9	16	11	0	0	1	0	1	0	0	-	0	-	-
	Camps Reservoir	9 9	969	14.3	7.2	10.7	-	20.0	26	1.7	20,21	-	-	2.63	-	.53	9	20	14	0	0	1	0	1	2	0	-	0	-	-
Ayr	Turnberry ...	9 9	25	16.6	8.7	12.7	-0.4	22.2	26	(1.7)	20	-	-	2.64	-	.82	9	14	9	0	0	0	0	1	0	0	-	0	6.21	-
	Largs	9 9	20	16.0	9.9	12.9	-0.9	20.0	25	3.9	2	-	-	3.07	-	.86	9	14	11	0	0	0	0	1	0	0	0	0	5.10	-
	Barr	9 9	400	16.2	7.7	11.9	-	22.2	26	0.6	20	-	-	4.02	-	.96	9	18	12	0	0	0	0	1	1	0	-	0	-	-
	Auchincruive ...	9 9	147	15.9	8.9	12.4	-0.8	21.7	26	1.1	20	12.8	10.9	2.29	88	.51	9	14	11	0	0	1	0	2	0	0	2	0	4.95	82
	Prestwick Airport	21-9	51	16.1	8.9	12.5	-	21.7	26	0.3	20	-	-	2.46	101	.60	9	12	10	0	0	1	0	2	0	0	1	0	5.73	-
	Kilmarnock ...	9 9	115	16.1	8.9	12.5	-1.1	21.1	26	2.2	20	13.9	11.2	2.86	-	.67	9	13	10	0	0	0	0	0	0	0	1	0	5.37	86 S
Dumfries	Dalmacallan ...	9 9	480	15.2	8.1	11.7	-	20.0	26	2.2	20	-	-	3.91	-	1.11	9	16	11	0	0	0	0	0	0	0	4	0	-	-
	Dumfries ¶§	9 9	140	15.7	8.8	12.3	-1.2	20.6	12,25	3.9	2,20	13.5	11.7	3.04	115	.77	9	13	11	0	-	0	0	0	0	0	0	0	4.99	82
	Eskdalemuir Obs'y. ¶§	21-9	794	15.3	7.7	11.5	-0.4	20.6	25	3.2	2	12.4	9.9	4.91	124	1.22	9	16	14	0	0	1	0	2	0	0	0	0	4.54	81
Kirkcudbright	Bargrennan ...	9 9	360	16.1	7.7	11.9	-	21.1	26	0.6	20	-	-	5.36	-	1.64	9	20	13	0	0	0	0	0	1	0	4	0	-	-
	Palnure	9 9	50	15.8	7.9	11.9	-	20.0	12,26	0.0	20	-	-	4.15	-	1.43	9	17	15	0	0	0	0	0	0	0	1	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	4.64	-	1.71	9	17	13	-	-	-	-	-	-	-	-	-	5.06	-
	Glenlee	9 9	181	16.7	8.2	12.5	-0.8	21.1	25,26	0.0	20	-	-	3.52	-	1.33	9	14	11	0	0	1	0	0	0	0	0	0	-	-
	Dundeugh ...	9 9	390	15.7	7.9	11.8	-	20.6	25,26	0.6	20	11.6	-	3.04	-	1.22	9	14	10	0	0	0	0	0	0	0	-	0	-	-
	Glenlochar Barrage	9 9	154	16.3	8.7	12.5	-	21.1	25	1.7	20	-	-	3.32	-	.97	9	17	11	-	0	-	-	-	1	0	-	-	-	-
	Threave ...	9 9	240	15.8	8.3	12.1	-	20.6	12	2.2	20	-	-	3.20	-	1.05	9	13	9	0	0	0	0	0	1	0	0	1	-	-
	Castle Douglas ...	9 9	196	16.1	-	-	-	20.6	12,25,26	-	-	12.8	-	3.38	-	.86	9	15	10	-	0	-	-	-	0	-	0	-	5.01	-
Wigtown	West Freugh ...	21-9	50	15.6	9.0	12.3	-	20.1	26	2.6	2	-	-	3.09	131	.74	12	14	10	-	-	-	-	-	-	0	-	-	5.64	-
	Penwhirn ...	9 9	546	14.5	8.1	11.3	-	20.0	26	1.1	2	-	-	5.34	-	1.09	6	15	12	0	0	0	0	0	2	0	1	0	5.02	-
	Mull of Galloway	21-9	257	14.7	9.5	12.1	-	18.0	18	5.4	2	-	-	-	-	-	-	-	-	0	0	0	0	0	2	0	-	1	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	15.2	10.0	12.6	-	18.7	30	6.6	2	-	-	2.90	137	.72	12	14	10	0	0	0	0	0	0	0	0	0	6.23	-
	Douglas	9 9	284	14.9	9.5	12.2	-0.9	18.9	26	5.6	20	-	-	3.37	120	1.12	9	11	9	0	0	0	0	0	3	0	0	0	5.91	80
	Point of Ayre ...	21-9	30																											
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	15.7	7.7	11.7	-	21.7	26	2.8	2	13.6	-	3.37	113	1.05	6	15	13	0	0	1	0	1	2	0	1	0	-	-
	Bellingham ...	9 9	849																											

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270																											
	Corbridge ...	9 9	160	16.8	8.5	12.7	-	23.3	26	3.3	20	-	-	2.46	-	.69	4	12	9	0	0	0	1	0	0	0	0	0	-	-
	Berwick-on-Tweed	9 9	76	15.7	9.4	12.5	+0.1	22.8	26	5.6	23	-	-	2.08	124	.67	6	11	10	0	0	0	0	2	0	0	0	0	6.34	100
	Cockle Park ¶§	9 9	326	15.9	8.4	12.1	-0.4	23.3	26	3.3	20	13.3	-	2.75	154	.62	6	13	12	0	0	0	0	1	1	0	0	0	4.62	77
	Acklington ...	21-9	138	16.2	8.7	12.5	-	23.3	26	3.8	4	-	-	2.66	-	.83	6	14	9	0	0	1	0	1	0	0	0	0	5.04	- S
	Tynemouth ...	21-9	95	15.9	10.2	13.1	+0.2	23.4	26	5.0	20	-	-	2.12	121	.57	20	13	10	0	0	0	0	1	0	0	0	0	5.53	91
Durham	Chopwellwood ...	9 9	446	16.3	8.6	12.5	-0.6	23.9	26	3.3	20	-	-	2.76	135	.73	4	16	12	0	0	0	0	0	0	0	0	0	-	-
	Ushaw College ...	9 9	594	16.1	8.4	12.3	-0.8	22.8	26	2.8	20	-	-	3.40	180	.62	17	16	13	0	0	0	0	0	5	0	-	0	-	-
	Houghall ...	9 9	123	17.5	8.4	12.9	-0.4	23.3	26	4.4	20	-	-	2.29	119	.48	20	14	13	0	0	0	0	0	0	0	0	0	4.89	81
	Durham ¶§	9 9	336	16.7	8.8	12.7	-0.5	22.2	26	3.3	20	13.5	11.5	2.62	146	.49	17	13	12	-	0	-	-	-	-	0	0	-	4.73	79
	Gateshead ...	9 9	509	16.1	9.2	12.7	-	21.7	26	3.9	20	-	-	2.55	-	.47	17	15	12	-	0	-	-	-	1	0	0	-	4.02	-
	Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	West Hartlepool	9 9	30	16.9	10.1	13.5	-	23.9	26	5.0	20	-	-	1.88	-	.40	17,20	17	13	0	0	0	0	1	0	0	0	0	4.74	-
Yorks.,	Dishforth ...	21-9	105	17.6	9.7	13.7	-	24.7	26	3.3	20	-	-	2.25	127	.32	17	16	13	0	0	0	0	1	0	0	0	0	4.65	-
N. Riding	Thirsk	9 9	111	17.4	9.2	13.3	-	23.9	26	2.2	20	-	-	1.91	-	.31	20	17	14	0	0	0	0	2	0	0	0	0	-	-
	York ... ¶§	9 9	57	17.8	10.2	14.0	-0.7	24.4	26	2.8	20	15.0	12.9	2.28	123	.45	6	19	14	0	0	0	0	1	0	0	-	0	4.53	71
	Ampleforth ...	9 9	313	16.4	9.3	12.9	-0.7	22.2	26	3.9	20	-	-	2.21	104	.32	6	16	13	0	-	0	0	3	1	0	0	0	-	-
	Redcar	9 9	25	17.2	10.4	13.8	-	23.9	26	5.6	20	-	-	1.99	114	.38	17	18	12	-	0	-	-	-	0	0	-	-	5.07	-
	Pickering ...	9 9	143	17.3	8.9	13.1	-	23.3	26	3.3	20	-	-	2.39	-	.42	6	19	15	0	0	0	0	1	0	0	0	0	-	-
	Whitby	9 9	135	16.9	9.7	13.3	-	23.3	26	4.4	20	-	-	2.72	149	.47	20	16	13	0	0	0	0	0	0	0	-	0	5.38	89
	Scarborough ¶§	9 9	118	17.1	10.2	13.7	-0.3	22.8	26	4.4	20	14.6	12.9	2.29	135	.51	17	15	14	0	0	0	0	0	0	0	0	0	5.32	83
	Silpho Moor ...	9 9	665	15.9	8.2	12.1	-	21.1	26	3.3	20	12.1	-	3.34	-	.46	20	21	16	0	0	0	0	0	2	0	0	0	5.20	-
	Whitby C/Guard	21-9	200	15.9	10.0	12.9	-	22.9	26	4.5	20	-	-	2.08	-	.41	20	17	9	0	0	0	0	1	0	0	0	0	-	-
Yorks.,	High Mowthorpe	9 9	574	15.9	8.6	12.3	-	21.7	26	2.8	20	13.2	-	2.36	100	.38	17	16	16	0	0	0	0	0	1	0	0	0	4.94	-
E. Riding	Hull	9 9	8	17.7	10.7	14.2	-0.5	22.2	26,28	5.6	20	14.3	11.1	2.52	147	.68	17	15	12	0	0	0	0	2	0	0	0	0	4.38	70
	Leconfield ...	21-9	24	17.2	9.5	14.3	-	22.9	26	3.4	20	-	-	2.33	-	.65	17	16	14	0	0	0	1	3	0	0	0	0	4.14	-
	Filey	9 9	122	16.1	9.4	12.7	-	21.7	26	3.3	20	-	-	2.17	-	.46	20	17	13	0	0	0	0	2	0	0	0	0	5.09	-
	Bridlington ...	9 9	157	16.1	8.8	12.5	-	20.6	13,30	2.8	20	-	-	2.57	-	.63	17	20	14	0	0	0	0	1	0	0	0	1	4.97	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110																											
	Navenby ...	9 9	60	18.0	8.9	13.5	-	23.3	26	2.2	20	-	-	2.71	-	.69	20	17	12	0	0	1	0	3	0	0	1	0	-	-
	Waddington ...	21-9	224	17.4	9.6	13.5	-0.8	22.3	26	4.0	20	-	-	2.71	-	.57	17	19	11	0	0	0	0	4	0	0	0	0	4.33	-
	Lincoln	9 9	22	18.7	7.9	13.3	-	24.4	26	1.1	20	14.4	12.3	2.53	-	.41	1	17	13	0	0	0	0	2	0	0	0	0	3.84	-
	Cranwell ¶§	9 9	205	17.7	9.5	13.6	-0.7	22.2	26	4.0	20	14.8	12.8	2.76	174	.59	20	18	13	0	0	0	0	4	0	0	0	0	4.28	65 S
	Binbrook ...	21-9	353	16.6	9.7	13.1	-	21.9	26	2.7	20	-	-	2.93	-	.47	13	15	14	0	0	1	0	3	1	0	0	0	-	-
	Cleethorpes ...	9 9	23	17.6	10.6	14.1	-0.1	25.6	28	4.4	20	-	-	2.90	180	.44	17	16	14	-	0	-	-	-	2	0	-	-	5.46	81
	Manby	21-9	55	17.7	9.6	13.7	-	22.3	26	3.8	20	-	-	2.76	-	.47	20	15	14	0	0	0	0	3	0	0	0	0	5.24	-
	Skegness ...	9 9	15	17.6	10.1	13.9	-0.1	22.2	10	6.1	21	-	-	2.33	153	.43	13	15	12	0	0	0	0	1	0	0	-	0	5.15	76
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	18.1	9.7	13.9	-	23.3	26,27	4.4	20	15.1	-	3.37	223	.82	12	15	13	0	0	1	0	2	0	0	0	0	5.52	-
	Marham ...	21-9	76	18.2	9.7	13.9	-	23.9	27	4.3	20	-	-	4.33	-	.93	4	15	14	0	0	0	0	4	0	0	0	0	-	-
	Santon Downham	9 9	80	19.1	8.1	13.6	-	25.0	27	1.1	23	14.8	12.3	3.38	-	.56	4	15	11	-	0	-	-	-	0	0	2	-	5.23	-
	West Raynham ...	21-9	250	17.6	9.6	13.6	-	23.0	27	4.5	21	-	-	4.50	-	1.02	4	16	13	0	0	0	0	5	0	0	0	0	5.66	-
	Cromer	9 9	178	17.3	10.3	13.8	-0.5	23.9	10	6.1	21	-	-	3.87	242	.59	21	15	14	-	0	-	-	-	0	0	0	-	6.08	90
	Sprowston ¶§	9 9	93	18.4	9.9	14.1	-0.4	23.9	27	5.6	21,23,25	15.4	-	3.55	204	.61	13	16	13	0	0	0	0	4	0	0	0	0	5.21	78
	Coltishall ...	21-9	55	18.3	9.8	14.1	-	24.2	10	5.2	21	-	-	3.62	-	.59	13	15	12	0	0	0	0	4	0	0	0	0	-	-
	Burlingham ...	9 9	89	18.3	10.0	14.1	-	23.9	27	5.0	21	-	-	3.51	208	.70	13	17	15	0	0	0	0	4	0	0	0	0	5.91	-
	Gorleston ¶§	21-9	12	17.4	10.7	14.1	0.0	24.2	27	5.5	21	15.5	13.2	3.35	201	.61	13	16	11	0	0	0	0	4	0	0	0	1	5.84	81
Suffolk	Mildenhall	21-9	15	19.0	10.6	14.8	-0.2	24.8	27	4.3	20	-	-	3.52	236	.58	12	14	11	0	0	0	0	5	0	0	0	0	5.53	79
	East Bergholt ...	9 9	14	19.2	9.5	14.3	-	26.1	27	5.0	21,23,30	-	-	3.61	-	.75	13	14	13	0	0	0	0	1	0	0	0	0	-	-
	Wattisham ...	21-9	292	18.2	9.4	13.7	-	24.1	27	3.6	23	-	-	3.55	-	.68	4	16	11	0	0	0	0	5	0	0	0	0	-	-
	Aldeburgh ...	21-9	15	17.7	11.8	14.7	-	24.9	27	6.3	20	-	-	-	-	-	-	-	-	0	-	0	0	2	0	0	-	0	-	-
	Lowestoft ...	9 9	82	17.9	10.6	14.3	+0.1	24.4	27	6.1	20,21,23	15.6	13.5	3.28	205	.72	13	14	13	0	0	0	0	2	0	0	0	0	5.87	82
Cambridge	Boxworth ...	9 9	157	18.6	9.7	14.1	-	24.4	27	3.9	20	-	-	4.19	279	.75	1	16	14	0	0	0	0	2	0	0	0	0	5.51	-
	Cambridge Bot. Gdn. ¶	9 9	41	19.1	10.0	14.5	-0.6	24.4	26	3.9	23	16.2	13.9	4.10	279	1.17	18	16	11	0	0	0	0	1	0	0	0	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	18.7	10.4	14.5	-	25.0	27	4.4	20	-	-	3.73	252	.76	12	15	12	0	0	0	0	2	0	0	0	0	(5.33	79)
Huntingdon	Monkswood ...	9 9	103	18.5	9.2	13.9	-	23.9	27	3.3	20,23	14.3	-	3.66	-	.90	1	15	11	0	0	0	0	3	0	0	0	0	-	-
	Wyton	21-9	129	18.3	10.3	14.3	-	23.8	26,27	4.0	20	-	-	3.95	-	.78	1	15	14	0	0	0	0	4	0	0	0	0	-	-
Bedford	Woburn	9 9	291	17.9	9.8	13.9	-0.5	23.9	26	3.9	20	15.2	11.8	3.34	196	.66	18	13	11	0	0	0	0	3	0	0	0	0	4.79	73
	Luton	9 9	379	17.7	9.7	13.7	-0.9	23.3	27	4.4	20	13.1	11.1	3.73	239	.95	12	13	11	-	0	-	-	-	2	0	-	-		
	Silsoe	9 9	195	18.1	10.1	14.1	-	23.9	26,27	4.4	21	14.9	12.1	3.26	206	.60	18	14	10	0	0	0	0	4	0	0	1	0	4.40	-
	Cardington ...	21-9	93	18.5	9.5	14.0	-	23.9	26,27	3.3	21	14.8	12.4	3.56	252	.69	1	15	10	0	0	0	0	4	0	0	0	0	4.45	-
	Letchworth ...	9 9	209	18.7	10.4	14.5	-	24.4	26,27	5.0	20,21	-	-	3.31	-	.61	1	13	10	-	-	-	-	-	-	0	0	-	-	-
Hertford	Bovingdon ...	21-9	516	17.5	9.6	13.5	-	23.0	27	4.5	20	-	-	4.97	-	1.07	12	15	11	0	0	1	0	5	0	0	0	0	-	-
	Garston ...	9 9	256	18.4	10.1	14.3	-	24.4	27	5.0	20		-	4.54	-	1.04	17	14	10	0	0	0	0	5	0	0	0	0	5.85	-
	Rothamsted ¶§	9 9	420	18.1	9.6	13.9	-0.4	23.9	26,27	3.9	20	14.9	11.6	3.94	230	.86	12	15	9	0	0	0	0	5	0	0	0	0	4.94	74
	St. Albans ...	9 9	272	18.4	9.8	14.1	-0.5	25.0	27	5.0	20	15.7	-	4.25	267	.93	18	13	9	0	0	0	0	3	0	0	0	0	-	-
	Stanstead Abbotts	9 9	97	19.1	9.5	14.3	-	25.0	10,27	4.4	21,23	15.7	14.4	3.73	-	.86	1	14	14	-	0	-	-	-	0	0	0	-	-	-
	Hoddesdon ...	9 9	153	18.7	9.9	14.3	-	25.0	27	4.4	20,21	16.2	-	3.49	-	.76	1	15	12	0	0	1	0	3	-	0	0	0	5.54	-
	Eastwick Lodge	9 9	137	19.7	9.4	14.5	-	26.1	27	3.9	20,21,23	-	-	3.30	212	.90	1	14	13	-	0	-	-	-	0	0	-	-	-	-
Essex	Stansted ...	9 9	331	18.1	10.0	14.1	-	24.6	10	4.8	20	-	-	3.82	-	.84	1	15	14	0	0	1	0	6	0	0	0	0	-	-
	Writtle	9 9	105	18.9	9.5	14.2	-	26.1	26	3.3	23	14.5	-	3.78	255	.95	1	15	12	0	0	0	0	3	0	0	0	0	5.74	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90	19.6	11.3	15.5	-	26.1	27	6.1	20	-	-	3.49	266	.81	1	15	12	0	0	0	0	5	0	0	0	0	5.76	77
	Maldon	9 9	14	19.2	10.2	14.7	-	26.7	27	5.6	21	-	-	3.61	-	.89	4	16	12	0	-	0	0	4	0	0	-	0	-	-
	Earls Colne ...	9 9	160	19.3	9.8	14.5	-	25.6	27	5.0	21	15.3	13.4	2.82	181	.56	1	14	10	-	0	-	-	-	0	0	1	-	-	-
	Shoeburyness ¶§	21-9	7	18.9	11.7	15.3	0.0	26.1	27	5.9	20	-	-	3.75	323	.63	1	15	15	0	0	0	0	6	0	0	0	0	5.40	71
	Clacton-on-Sea ...	9 9	53	18.2	11.5	14.9	-	25.6	27	6.1	20	16.2	13.9	4.28	317	.77	1	13	12	0	0	0	0	4	0	0	0	0	6.46	85
	Walton-on-Naze	21-9	15	18.0	11.5	14.7	-	24.5	27	5.7	23	-	-	4.23	-	.67	1	15	14	0	0	1	0	4	0	0	0	1	6.72	-
	Dovercourt ...	9 9	11	18.7	10.5	14.6	-0.4	26.1	27	5.0	21	-	-	4.34	-	.83	1	14	13	0	-	0	0	1	0	0	0	0	-	-
4	MIDLAND COUNTIES																													
Yorks.,	Slaidburn ...	9 9	629	15.4	8.6	12.0	-	22.2	26	2.8	20	-	-	2.81	-	.70	4	20	10	0	0	0	0	1	0	0	0	0	4.02	-
W. Riding	Malham Tarn ...	9 9	1297	13.7	7.1	10.4	-	20.6	26	0.0	20	-	-	2.52	76	.50	6	18	13	0	0	0	0	2	1	0	1	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	16.9	9.9	13.4	-0.7	24.4	26	3.9	20	14.0	12.1	2.52	-	.44	1	18	14	-	0	-	-	-	0	0	0	-	3.73	66
	" Oakes	21-9	761	16.2	8.9	12.5	-1.1	25.0	26	2.3	20	12.6	10.5	2.80	124	.45	2	19	13	0	0	0	0	1	1	0	0	0	3.72	62
	Bradford ¶	9 9	439	16.2	9.6	12.9	-0.9	23.3	26	3.3	20	13.4	11.3	2.54	126	.46	12	19	14	0	0	0	0	1	0	0	0	0	-	-
	Ilkley	9 9	315	16.9	9.7	13.3	-0.6	23.9	26	2.2	20	-	-	2.12	94	.43	12	13	12	0	0	0	0	3	0	0	-	0	3.91	67
	Sheffield ...	9 9	429	17.1	10.1	13.6	-0.9	23.3	26	3.9	20	14.4	11.6	2.76	148	.63	1	18	15	0	0	0	0	0	-	0	0	0	3.53	58
	Wakefield ...	9 9	121	18.1	9.9	14.0	-0.7	25.0	26	5.6	2	13.9	11.6	2.32	142	.40	6	18	13	0	0	0	0	2	0	0	1	0	-	-
	Pontefract ...	9 9	255	16.7	9.8	13.3	-0.7	22.8	26	3.3	20	-	-	3.20	198	1.06	20	19	13	0	0	1	0	4	1	0	0	0	-	-
	Bramham ...	9 9	177	17.3	8.8	13.5	-	23.3	26	1.7	20	-	-	2.39	107	.40	6	18	15	0	0	0	0	0	0	0	0	0	4.73	-
	Cawood	9 9	20	17.6	9.2	13.4	-	23.9	26	2.2	20	14.1	12.4	2.25	123	.37	6	18	12	0	0	0	0	0	0	0	0	0	3.92	-
	Askham Bryan ...	9 9	110	17.5	9.0	13.3	-	23.3	26	2.8	20	-	-	2.27	118	.42	6	16	14	0	0	0	0	0	0	0	0	0	4.58	76
Derby	Buxton	9 9	1007	15.0	8.8	11.9	-0.7	21.1	26	2.2	20	13.5	11.9	3.36	106	.74	6	18	16	0	0	0	0	0	1	0	0	0	-	-
	Chapel en le Frith	9 9	732	16.1	8.7	12.4	-	22.8	26	1.1	20	-	-	3.41	-	.60	6	17	13	0	0	0	0	1	0	0	1	0	-	-
	Mackworth ...	9 9	293	17.3	9.4	13.3	-	22.8	26	1.7	20	-	-	1.99	-	.52	12	12	12	0	0	0	0	2	0	0	1	0	-	-
	Belper	9 9	203	17.6	9.3	13.5	-0.9	23.9	26	2.2	20	-	-	1.99	110	.46	13	11	10	0	0	0	0	0	-	0	-	0	-	-
	Derby	9 9	159	18.0	10.3	14.1	-	23.9	12,26	5.6	2	-	-	1.95	-	.60	12	11	10	0	0	0	0	1	0	0	0	0	4.11	-
	Morley	9 9	350	17.1	9.5	13.3	-	22.8	26	2.3	20	-	-	2.28	94	.48	12	14	12	0	0	0	0	0	-	0	1	0	3.87	-
	Chesterfield ...	9 9	298	17.5	9.1	13.3	-	22.8	26	2.2	20	-	-	2.56	-	.61	12	17	12	0	0	0	0	0	0	0	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	17.5	9.1	13.3	-1.1	22.7	26,27	5.5	2	14.1	12.7	2.87	198	.56	1	17	13	0	0	0	0	2	0	0	0	0	4.43	73
	Watnall	21-9	385	17.2	9.7	13.4	-	23.5	12,26	3.2	20	-	-	2.74	159	.50	12	16	11	0	0	0	0	3	0	0	1	0	3.60	59
	Nottingham Training College ...	9 9	169	17.9	9.6	13.7	-	23.4	26	2.8	20	-	-	2.46	-	.51	1	15	10	-	-	-	-	-	2	0	2	-	-	-
	Mansfield ...	9 9	362	16.9	9.8	13.3	-1.0	22.8	12,26	3.9	20	-	-	2.78	168	.45	12	16	12	0	0	0	0	0	2	0	1	0	-	-
	Nottingham ¶§	9 9	192	17.5	10.1	13.8	-1.1	23.3	26	3.3	20	14.3	13.5	2.47	168	.51	4	15	13	0	0	0	0	2	0	0	0	0	3.39	59
	Warsop	9 9	150	17.7	8.7	13.2	-	23.3	26	2.7	20,23					.37	12			0	0	0	0	1	0	0	1	0	3.37	-
	Finningley ...	21-9	34	18.0	10.3	14.1	-0.6	23.9	26	3.8	20	-	-	2.53	-	.47	20	16	13	0	0	0	0	3	0	0	0	0	4.61	-
Leicester	Newtown Linford	9 9	392	17.5	8.9	13.2	-	22.8	12,26	3.9	20	-	-	3.19	-	.59	1	16	13	0	0	0	0	2	0	0	0	0	4.33	-
	Caldecott ...	9 9	175	18.6	8.7	13.7	-	24.4	26	2.2	20	-	-	2.52	-	.49	12	16	12	-	0	-	-	-	0	0	1	-	4.75	-
Northampton	Bugbrooke Mills	9 9	228	18.1	9.0	13.5	-	23.3	26	3.3	20	14.5	11.9	2.19	-	.39	1,12	13	10	0	0	0	0	1	0	0	-	0	5.23	-
	Raunds	9 9	193	18.7	9.3	14.0	-	23.9	12,27	3.3	20	15.7	11.7	2.98	199	.62	1	15	13	0	0	0	0	5	0	0	0	0	4.33	-
	Wittering ...	21-9	212	17.9	9.8	13.9	-	23.1	12	4.4	20	-	-	3.08	-	.69	1	14	12	0	0	1	0	4	0	0	0	0	4.92	-
Warwick	Birmingham K.E.S.*	9 9	450	17.6	10.1	13.9	-	23.3	26	3.9	20	-	-	2.27	-	.62	1	12	9	0	0	0	0	3	0	0	-	0	-	-
	Edgbaston ¶§	21-9	536	17.0	10.3	13.7	-0.9	23.7	26	4.4	20	11.3	10.6	2.70	142	.64	1	13	10	0	0	1	0	3	0	0	0	0	3.91	65
	Luddington ...	9 9	138	18.4	14.2	16.3	-	23.9	27	2.8	20	-	-	2.20	139	.62	1	11	8	0	0	0	0	3	0	0	0	0	4.74	-
	Stratford on Avon	9 9	160	18.5	9.2	13.9	-	23.9	26,27	0.0	20	16.1	-	2.52	122	.65	1	12	9	0	0	0	0	2	0	0	0	0	4.81	-
	Elmdon	21-9	319	17.6	9.5	13.5	-	23.2	26	0.4	20	-	-	3.76	227	1.05	13	13	8	0	0	0	0	4	0	0	1	0	4.78	-
	Shipston on Stour	9 9	365	17.8	9.6	13.7	-	23.3	12,26	3.9	20	13.9	-	3.12	-	.81	1	14	10	0	0	0	0	2	0	0	0	-	4.75	-
	Wellesbourne ...	9 9	153	18.1	9.2	13.7	-	23.3	12,26,27	2.8	20	15.1	13.3	3.06	185	.77	12	13	10	0	0	0	0	3	0	0	1	0	3.99	-
	Moreton Morrell	9 9	280	18.3	9.5	13.9	-	23.9	26	2.8	20	-	-	3.36	-	.82	12	12	12	0	0	0	0	3	0	0	0	0		
	Coventry ...	9 9	338	17.5	9.6	13.5	-1.1	22.8	12,26	3.9	20	14.9	11.6	3.86	222	1.00	12	15	12	0	-	0	0	3	0	0	0	0	4.24	72
	Rugby	9 9	385																											
Oxford	Oxford ¶§	9 9	208	18.6	10.7	14.7	-0.6	24.4	26	4.4	20	16.2	13.8	1.94	115	.46	1	12	10	0	0	0	1	3	0	0	0	0	5.20	79
	Grendon Underwood	9 9	220	18.8	9.0	13.9	-	23.9	26,27	3.3	20	15.3	12.8	3.23	-	.99	17	10	10	0	0	0	0	2	-	0	0	0	4.95	-
Buckingham	Medmenham	9 9	98	18.8	8.6	13.7	-	24.4	26,27	2.8	21	-	-	3.86	-	.73	7	10	9	-	-	-	-	-	-	0	3	-	-	-
	Aylesbury ...	9 9	316	17.9	9.7	13.8	-	23.9	26	3.9	20	-	-	3.03	188	.78	1	11	9	0	0	0	0	2	0	0	0	0	5.22	-
Stafford	Keele	9 9	587	15.9	9.3	12.6	-	22.2	26	2.8	20	13.4	11.0	2.50	120	.59	1	16	11	0	0	0	0	3	0	0	0	0	3.61	-
	Oaken	9 9	409																											
	Stone	9 9	350	16.8	8.9	12.9	-	22.8	26	1.7	20	-	-	2.41	-	.45	1	17	10	0	0	0	0	2	0	0	1	0	4.07	-
	Penkridge ...	9 9	330	17.3	9.2	13.3	-	22.8	26	2.2	20	-	-	2.98	-	.48	1	14	10	0	0	0	0	2	0	0	1	0	-	-
	Onecote ...	9 9	1350	13.9	7.6	10.7	-	19.4	26	0.6	20	11.2	8.8	3.36	-	.59	6	17	16	0	0	0	0	0	0	0	1	0	3.64	-
Shropshire	Oswestry ...	9 9	570	16.5	8.9	12.7	-	22.2	26	4.4	1,2,20	-	-	1.92	-	.47	12	13	11	0	0	0	0	0	0	0	0	0	4.27	- S
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.83	84	.50	1	12	11	-	-	-	-	-	-	-	-	-	4.06	-
	Shrewsbury ...	9 9	184	17.8	10.0	13.9	-0.7	25.0	26	4.4	20	14.7	13.4	1.60	92	.44	1	16	9	0	0	0	0	0	0	0	0	0	4.17	68
	Shawbury ...	21-9	235	17.5	9.4	13.5	-0.8	24.0	26	2.5	20	-	-	1.47	86	.28	1	16	10	0	0	0	0	1	0	0	1	0	4.22	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.49	-
	Newport ...	9 9	211	17.6	9.2	13.4	-0.5	23.9	26	2.2	20	-	-	1.65	95	.45	1	16	10	0	0	0	0	2	0	0	1	0	3.55	57
Worcester	Malvern	9 9	203	18.1	10.3	14.2	-	23.9	26	5.0	20	15.4	12.1	2.55	139	.93	1	14	9	0	0	0	0	2	0	0	0	0	4.81	72
	Worcester ...	9 9	190	18.3	9.4	13.9	-	23.9	26	3.9	20	-	-	2.04	136	.67	1	11	9	-	0	-	-	-	0	0	0	-	4.72	-
	Pershore Inst. of Hort.	9 9	130	24.5	5.5	15.0	-	24.5	26,30	5.5	3,20	-	-	2.25	-	.91	1	10	7	-	-	-	-	-	1	0	1	-	4.62	-
	Pershore ...	21-9	114	18.4	10.2	14.3	-	24.1	26	3.8	20	-	-	2.08	-	.67	1	10	8	0	0	0	0	2	0	0	0	0	4.92	-
	Halesowen ...	9 9	505	17.4	9.4	13.4	-	23.3	26	3.3	20	14.6	11.6	2.95	-	.76	13	12	8	0	0	0	0	3	0	0	1	0	4.26	-
Hereford	Lyonshall ...	9 9	510	17.3	9.2	13.3	-0.9	22.8	26	3.9	20	-	-	1.70	-	.71	1	13	7	-	-	-	-	-	-	0	1	-	-	-
	Credenhill ...	9 9	246	17.9	9.6	13.7	-	23.3	26	4.4	20	-	-	2.16	-	.71	1	9	7	-	-	-	-	-	0	0	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	18.1	10.2	14.1	-0.8	23.3	26	4.3	20	15.2	13.2	1.96	132	.86	1	10	7	0	0	0	0	0	0	0	1	0	4.46	69
	Preston Wynne ...	9 9	274	18.1	9.0	13.5	-	23.3	26,27	2.8	20	-	-	1.82	-	.65	1	11	9	0	0	0	0	1	0	0	0	0	5.10	-
Gloucester	Avonmouth ...	9 9	31		11.3		-	24.4	25	6.7	2	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	0	-	-
	Filton	21-9	192	18.0	11.0	14.5	-0.4	22.8	26	5.5	20	-	-	2.67	145	.80	5	11	7	0	0	0	0	1	0	0	0	0	4.41	-
	Hempsted ...	9 9	39																											
	Gloucester ...	21-9	79	19.0	10.9	14.9	-	24.6	26	3.9	20	-	-	2.24	-	.89	1	10	8	0	0	0	0	1	0	0	1	0	5.04	-
	Cheltenham ...	9 9	214	18.8	10.6	14.7	-0.6	23.9	26	4.5	20			2.46	141	.81	1	13	7	-	-	-	-	-	-	0	-	-	4.78	-
	Cirencester ...	9 9	443	17.7	9.1	13.4	-	23.3	26	3.3	20	-	-	2.21	106	.66	1	9	6	0	0	0	0	2	0	0	0	-	5.01	-
	Little Rissington	21-9	740	16.9	9.5	13.2	-	22.6	12	3.8	20	-	-	2.72	147	.68	1	12	8	0	0	0	0	2	1	0	0	0	4.40	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	19.1	11.2	15.1	-1.2	25.0	27	5.5	20	16.4	14.1	3.77	203	.97	1	14	10	0	0	0	0	1	0	0	0	0	-	-
	Hampstead ...	9 9	450	18.3	10.5	14.4	-0.5	24.5	27	4.5	20	-	-	3.95	214	.95	1	15	11	0	0	0	0	6	-	0	0	0	5.70	82
	St. James's Park	9 9	27	19.4	11.3	15.3	-1.1	25.5	27	6.1	23	-	-	4.06	243	1.00	1	15	9	0	-	0	0	1	-	0	-	0	-	-
	Regent's Park ...	9 9	129	19.4	11.3	15.3	-	25.0	10,27	5.0	20			4.23	-	.97	1	15	11	-	0	-	-	-	0	0	0	-	5.43	81
	Camden Square	9 9	121	19.6	10.8	15.2	-1.4	26.1	27	5.0	20	17.2	-	4.06	223	.91	1	14	12	-	0	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.68	85
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Greenwich ...	9 9	24	19.3	10.9	15.1	-	25.6	27	6.7	20	-	-	3.96	254	1.07	18	15	9	0	0	0	0	4	0	0	0	0	5.76	87
Middlesex	London (Heathrow) Airport	21-9	82	19.3	11.2	15.3	-0.6	24.8	10	5.3	20	-	-	4.33	281	1.11	18	13	10	0	0	1	0	4	0	0	0	0	5.47	-
	Hampton ...	9 9	39	19.1	11.2	15.1	-	25.0	26	5.6	20	-	-	4.14	-	1.02	18	13	11	0	0	0	0	4	1	0	0	0	5.58	-
	Southgate ...	9 9	221	19.0	10.9	14.9	-	25.0	27	4.5	20	14.8	-	4.39	-	1.03	1	13	10	0	0	0	0	3	0	0	0	0	4.26	- S
Surrey	Wisley	9 9	150	19.3	10.1	14.7	-0.6	25.0	10,26,27	4.5	20	16.6	14.0	3.84	230	1.25	12	14	10	0	0	0	0	2	0	0	0	0	5.46	78
	Mickleham ...	9 9	179																											

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE. 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	19.4	11.4	15.4	-0.5	25.0	10	6.2	20	16.1	13.7	3.87	225	1.08	18	12	10	0	0	0	0	5	0	0	0	0	5.73	81
—cont.	Gatwick ... §	21-9	192	19.1	9.4	14.3	-	25.6	27	4.0	20,23	-	-	4.01	-	.91	1	15	10	0	0	0	0	4	0	0	1	0	6.15	-
	Waddon ...	9 9	220	19.0	9.9	14.5	-1.0	25.0	27	5.0	20,21	-	-	4.47	279	1.04	1	13	10	-	-	-	-	-	-	0	-	-	-	-
	Addington ...	9 9	474	18.5	10.3	14.4	-0.6	25.0	27	3.9	20	-	-	4.79	277	1.19	1	14	12	-	-	-	-	-	-	0	0	-	-	-
Kent	Bromley ...	9 9	213	19.1	10.5	14.8	-0.9	25.5	27	5.5	20	-	-	3.86	244	1.02	1	13	11	-	0	-	-	-	-	0	0	-	-	-
	Swanley	9 9	177	18.9	10.1	14.5	-	25.5	27	4.5	20	15.7	-	4.42	-	1.39	18	16	12	0	0	0	0	4	0	0	0	0	5.19	-
	Dartford ...	9 9	17	19.2	10.5	14.9	-	26.1	27	5.5	21	-	-	4.91	302	1.79	18	15	12	0	0	0	0	3	0	0	-	0	-	-
	Tunbridge Wells	9 9	351	18.8	9.1	13.9	-0.9	25.6	27	3.9	21	16.9	15.0	4.72	273	2.09	18	12	12	0	-	1	0	4	0	0	0	0	6.59	87
	Goudhurst ...	9 9	280	18.8	8.7	13.7	-	25.0	27	2.2	21	-	-	4.46	251	1.12	18	17	14	0	0	0	0	3	0	0	1	0	-	-
	East Malling ¶§	9 9	122	19.3	9.7	14.5	-0.3	26.1	27	3.9	21	16.3	14.0	4.95	309	1.19	1	16	10	0	0	0	0	5	0	0	0	0	5.87	80
	Gillingham ...	9 9	14	19.9	10.5	15.2	-	27.2	27	6.1	8,20	-	-	4.04	-	1.40	1	16	11	0	0	0	0	1	0	0	-	0	5.65	-
	Sittingbourne ...	9 9	224	18.7	10.2	14.5		25.0	27	5.6	20,23	15.8	13.3	5.49	240	1.53	18	17	12	0	0	0	0	4	0	0	0	0	6.51	-
	Isle of Grain ...	9 9	9	19.1	11.1	15.1	-	26.1	27	6.1	20	-	-	3.76	-	1.21	1	13	13	-	0	-	-	-	-	0	0	0	5.61	-
	Faversham ...	9 9	157	19.1	10.0	14.5	-	26.1	27	6.1	21,23,24	16.0	13.7	4.05	-	1.17	18	15	12	0	0	0	0	5	0	0	0	0	6.39	-
	Dungeness ...	21-9	10	17.0	10.6	13.8	-0.5	20.2	27	5.5	21	-	-	2.86	218	.83	13	14	11	0	0	0	0	3	0	0	-	0	-	-
	Wye	9 9	185	19.5	9.8	14.6	-0.2	25.6	12,27	5.0	21	-	-							0	0	0	0	4	0	0	0	0	6.39	85
	Whitstable ...	9 9	9	19.2	11.5	15.3	-	26.7	27	6.1	21	-	-	4.26	328	1.03	18	14	12	0	0	0	0	4	0	0	-	0	6.78	-
	Folkestone ...	9 9	128	18.3	11.3	14.8	-	22.8	26	6.7	21	-	13.5	3.53	252	.50	21	16	12	0	0	0	0	4	0	0	0	0	7.09	-
	Elmstone ...	9 9	28	19.5	9.9	14.7	-	26.7	27	4.5	21	-	-	4.12	-	.82	13	16	11	-	0	-	-	-	-	0	0	0	0	-
	Herne Bay ...	9 9	21	-	11.7	-	-	-	-	6.6	21	-	-	4.28	319	.93	18	13	12	0	0	0	0	1	0	0	-	0	6.58	-
	Dover	9 9	19	18.3	11.5	14.9	0.0	22.8	26	6.1	21	16.8	14.8	5.50	342	1.41	18	15	11	0	0	0	0	3	1	0	0	0	7.01	- S
	Deal	21-9	18	18.5	11.7	15.1	-	24.9	27	6.8	21	-	-	4.57	-	.86	1	13	10	0	0	0	0	3	0	0	0	0	-	-
	Manston ...	21-9	145	18.6	10.5	14.5	-	25.2	27	5.1	21	-	-	4.08	-	1.02	1	14	9	0	0	0	0	4	0	0	0	0	-	-
	Ramsgate ...	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Margate ...	9 9	51	18.5	12.1	15.3	+0.1	25.0	27	7.2	21	16.4	14.1	3.15	254	.73	13	14	12	0	0	0	0	3	0	0	-	0	7.16	90
Sussex	Thorney Island ...	21-9	10	18.6	10.9	14.7	-	24.7	12	5.5	20	-	-	3.21	226	.77	13	14	10	0	0	0	0	3	0	0	0	0	6.17	-
	Bognor Regis ...	9 9	24	17.4	11.4	14.4	-0.5	22.8	12,26	5.6	20	-	14.2	3.38	222	1.29	12	13	11	0	0	0	0	2	0	0	0	0	6.89	89
	Fernhurst ...	9 9	188	18.4	9.4	13.9	-	24.4	12,26	3.3	21	-	-	3.01	-	.76	12	16	10	0	-	0	0	2	-	0	1	0	5.95	-
	Littlehampton ...	9 9	15	18.3	11.1	14.7	-0.2	23.3	12	5.0	20	-	13.9	3.55	225	1.20	12	12	11	0	0	0	0	2	0	0	-	0	6.96	87
	Rustington ...	9 9	10	17.9	10.4	14.1	-	23.9	12	4.4	21	-	13.4	3.98	-	1.26	19	12	11	-	0	-	-	-	-	0	0	-	6.06	-
	Worthing ...	9 9	25	17.9	11.7	14.8	-0.4	23.9	12	5.6	20	16.3	13.9	4.05	265	1.41	12	14	10	0	0	1	0	2	0	0	0	0	6.93	85
	Brighton ...	9 9	32	17.4	11.4	14.4	-	24.4	12	5.6	20	-	14.7	3.03	197	.72	18	14	10	0	0	0	0	2	0	0	0	0	6.80	87
	East Grinstead ...	9 9	400	19.2	9.0	14.1	-	25.6	27	4.4	20,21	-	13.4	4.39	-	1.50	1	16	10	-	0	-	-	-	0	0	-	-	-	-
	Seaford	9 9	45																											
	East Hoathly ...	21-9	130	18.1	9.2	13.6	-	23.8	12	3.7	21	-	-	3.88	-	.96	18	14	12	0	0	0	0	4	0	0	0	0	6.37	-
	Eastbourne ...	9 9	23	17.2	11.9	14.5	-0.4	21.7	27	6.1	21	16.8	14.7	3.36	206	.73	18	13	13	0	-	0	0	2	0	0	0	0	7.46	90
	Eastbourne C/Guard	21-9	17	17.8	10.8	14.3	-	22.2	26,27	5.5	20	-	-	3.93	-	.99	18	15	12	0	0	0	0	1	0	0	0	1	-	-
	Bexhill	9 9	12	17.4	11.3	14.3	-0.6	23.3	12	6.1	20,21	16.7	-	2.97	195	.56	4	12	10	0	0	0	0	2	0	0	0	0	6.90	88
	Bodiam	9 9	73	19.1	9.4	14.3	-	23.9	12,27	3.9	21	16.9	13.7	4.67	-	1.11	1	14	14	0	0	0	0	6	0	0	0	0	5.77	-
	Hastings ¶§	9 9	149	17.4	11.3	14.3	-0.7	22.8	12	5.6	20	17.6	15.0	2.99	194	.57	12	13	10	0	0	0	0	4	0	0	0	0	6.93	86
Berkshire	Letcombe Regis	9 9	350	18.1	9.6	13.9	-	23.3	26	2.8	20	-	-	2.71	-	.83	12	11	10	0	0	0	0	2	0	0	-	0	-	-
	Abingdon ...	21-9	210	18.9	10.3	14.6	-0.3	24.9	26	4.6	20	-	-	1.94	132	.56	1	11	8	0	0	0	0	3	1	0	0	0	5.13	-
	Compton ...	9 9	339	17.9	9.1	13.5	-	23.3	12,26	2.8	20	15.6	-	2.98	-	.63	1	14	10	0	0	0	0	2	-	0	0	0	5.62	-
	Woolhampton ...	9 9	370	17.1	9.7	13.4	-	23.9	12	3.6	20	14.7	-	4.11	257	1.04	12	12	10	0	0	0	0	2	0	0	0	0	-	-
	Wallingford ...	9 9	157	18.5	9.3	13.9	-	23.9	26	4.4	20,21	15.4	12.6	3.70	-	1.24	12	11	9	0	0	0	0	4	-	0	0	0	5.24	-
	Shinfield ...	9 9	200	19.0	9.7	14.3	-0.8	24.4	26	5.6	20	-	-	3.11	193	.56	18	14	11	-	0	-	-	-	0	0	0	-	5.25	-
	Reading ...	9 9	148	19.0	10.9	14.9	-0.7	25.0	12	5.6	20	16.6	14.4	3.63	225	.78	13	12	10	0	0	0	0	4	0	0	0	0	5.31	-
	Reading S.T.G.	9 9	141	18.9	10.9	14.9	-	24.4	26	5.0	20	-	-	3.44	225	.71	13	12	10	0	0	0	0	3	0	0	0	0	5.32	-
	Finchampstead ...	9 9	212	18.7	9.4	14.1	-	23.9	12,26,27	2.8	20	14.1	12.5	4.01	-	1.10	12	14	12	0	0	0	0	2	0	0	4	0	5.54	-
	Hurley	9 9	140	18.7	9.9	14.3	-	24.4	26	5.0	20,23	16.0	-	3.56	-	.86	12	12	9	0	0	0	0	3	0	0	0	0	5.42	-
	Bracknell ...	9 9	243	18.6	10.3	14.5	-	24.4	12	5.0	20	16.2	14.0	3.87	-	.87	18	11	10	0	0	0	0	4	0	0	0	0	5.61	-
Hampshire	Bournemouth ...	9 9	130	17.4	10.9	14.1	-1.1	21.7	12,26,30	5.6	20	15.2	13.8	2.27	146	.89	12	11	8	0	0	1	0	2	0	0	0	0	6.07	79
	Hurn	21-9	33	18.0	10.2	14.1	-	23.0	26	4.9	20	-	-	2.70	178	1.09	12	12	11	0	0	1	0	3	0	0	0	0	-	-
	Christchurch ...	9 9	9	17.9	10.7	14.3	-	22.2	10,26	5.6	20,21	-	-	2.87	-	1.39	12	10	10	0	-	0	0	2	0	0	0	0	-	-
	Everton ...	9 9	51	17.7	10.4	14.1	-	22.8	26	5.0	20	-	-	3.17	-	.93	18	13	11	0	0	0	0	1	0	0	0	0	6.27	-
	Southampton ¶§	9 9	65	19.7	11.1	15.4	-0.3	25.0	12,26,30	5.0	20	17.3	14.8	2.40	138	.48	13	15	11	0	0	0	0	2	0	0	0	0	5.50	76
	Leckford ...	9 9	385	18.3	9.5	13.9	-	24.4	26	3.3	20	14.6	-	3.09	169	.70	18	14	9	-	0	-	-	-	0	0	-	-	5.36	79
	Winchester ...	9 9	122	19.2	10.2	14.7	-	25.0	26	4.4	20,21	-	11.8	3.27	56	.89	13	13	8	0	0	0	0	2	0	0	-	0	5.44	-
	Martyr Worthy	9 9	275	18.5	9.2	13.9	-	23.9	26	3.3	20,21	-	-	3.10	-	.77	13	14	10	0	0	0	0	2	0	0	0	0	5.31	-
	Southsea ...	9 9	7	18.1	12.1	15.1	-0.8	23.3	26	6.7	20	17.1	14.2	3.19	223	.70	18	13	12	0	0	0	0	3	0	0	-	0	6.16	78
	Hayling Island ...	9 9	13	17.6	11.6	14.6	-	23.3	12	6.1	20	-	-	2.74	-	.79	12	13	10	0	0	0	0	2	0	0	-	0	6.51	-
	Long Sutton ...	9 9	512	18.3	9.6	13.9	-1.0	23.9	26,27	4.4	20	16.0	12.2	3.45	201	.75	12	13	11	0	0	0	0	1	2	0	0	0	5.22	75
	Alice Holt Lodge	9 9	378	18.4	9.6	14.0	-	23.9	26,27	4.4	20,21	-	-	3.93	228	.91	12	12	11	0	0	0	0	2	0	0	1	0	5.77	-
	S. Farnborough	21-9	226	18.8	10.3	14.5	-0.7	24.3	27	5.6	20	-	-	4.38	269	.87	13	14	12	0	0	0	0	3	0	0	0	0	4.62	66
I. of Wight	St. Caterine's Pt.	9 9	51	16.4	11.2	13.8	-0.6	21.0	26	6.5	20	-	-	2.45	178	.56	13	13	10	0	-	0	1	3	0	0	-	0	-	-
	Ventnor Park ...	9 9	443	17.0	11.1	14.1	-0.7	22.8	26	5.6	20	16.4	13.4	3.27	215	.76	13	14	10	0	0	0	0	2	0	0	0	0	6.61	82
	Shanklin ...	9 9	180	17.3	10.9	14.1	-	22.8	26	6.1	20	-	-	3.02	-	.62	12	15	11	0	0	0	0	3	3	0	-	0	7.26	-
	Sandown ...	9 9	13	18.1	11.4	14.7	-0.6	23.3	27	7.2	20	-	-	3.38	236	.76	18	13	12	0	0	0	0	2	0	0	-	-	6.75	80
	Ryde	9 9	15	18.4	11.8	15.1	-0.5	23.3	26	7.8	20	-	-	2.60	186	.70	18	12	10	-	0	-	-	-	0	0	-	-	6.19	77
Wiltshire	Lacock	9 9	160	18.0			-	22.8	25	2.8	20	-	-	1.69	-	.42	1	12	8	-	0	-	-	-	0	0	1	-	-	-
	West Lavington	9 9	305	18.1	9.4	13.7	-	23.3	26	3.9	20	-	-	2.01	108	.56	12	11	10	0	0	0	0	1	2	0	-	0	-	-
	Lyneham ...	21-9	476	17.2	9.8	13.0	-	22.2	12	3.5	20	-	-	1.77	96	.57	7	10	7	0	0	0	0	2	1	0	0	0	5.50	-
	Chiseldon ...	9 9	510	18.1	3.8	10.9	-	24.4	26	3.3	20	-	-	2.06	-	.58	12	13	8	0	0	0	0	4	0	0	0	0	-	-
	Larkhill	9 9	431	17.9	9.5	13.7	-0.6	23.5	26	3.5	20	-	-	2.51	152	.55	12	10	9	0	0	0	0	5	1	0	0	0	-	-
	Boscombe Down	21-9	414	18.3	9.8	14.1	-0.4	24.0	26	4.0	20	-	-	2.41	149	.58	12	11	10	0	0	0	0	4	1	0	0	0	5.54	80
	Upavon	21-9	578	17.3	9.5	13.4	-	23.1	26	3.2	20	-	-	2.06	-	.53	12	11	9	0	0	1	0	4	1	0	0	0	-	-
	Porton ... ¶§	9 9	364	18.0	9.3	13.7	-0.6	23.7	26	3.4	20	14.6	-	2.59	151	.80	12	12	10	0	0	0	0	2	1	0	0	0	5.35	74
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	15.6	10.3	12.9	-	21.7	12,26	5.0	20	-	-	3.07	116	.67	4	17	14	-	0	-	-	-	0	0	0	-	5.68	-
	Carlisle	21-9	86	16.6	9.4	13.0	-	23.2	26	5.1	23	-	-	2.64	-	.71	6	14	12	0	0	0	1	3	0	0	0	0	4.77	-
	Newton Rigg ¶§	9 9	560	15.6	13.4	14.5	+1.3	22.2	26	4.4	20,23	-	-	2.16	100	.73	4	18	18	-	0	-	-	-	0	0	0	-	5.04	83
	Spadeadam ...	9 9	900	14.2	7.2	10.7	-	20.6	26	1.7	20	11.6	10.2	3.68	-	.98	6	18	13	0	0	0	0	1	0	0	0	0	3.47	-
Westmorland	Ambleside ...	9 9	151	16.6	9.8	13.2	-	22.2	12,26	5.0	6	-	-	3.34	88	.81	6	17	9	0	0	0	0	1	0	0	-	0	4.44	78

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: 0·1in.(0·2mm.) or more	0·4in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a ENGLAND, N.W.—cont.																														
Westmorland	Great Dun Fell	21-9	2780	9.4	4.1	12.7	-	16.0	12	-1.2	20	-	-	-	-	-	-	-	-	0	0	-	-	-	23	0	-	-	2.52	-
—cont.	Moor House ...	9 9	1825	12.3	5.9	9.1	-	18.3	12,26	0.6	23	9.7	-	3.74	-	.95	6	20	18	-	-	-	-	-	4	1	-	-	4.14	-
Lancashire	Squires Gate ...	21-9	33	16.2	10.3	13.3	-0.6	23.1	12	3.4	20	-	-	1.88	85	.45	12	14	9	0	0	0	0	1	0	0	1	0	5.82	81
	Urswick	9 9	130	17.1	9.2	13.1	-	22.8	26	2.8	20	-	-	2.57	-	.49	12	17	14	0	0	0	0	0	2	0	-	0	-	-
	Southport ...	9 9	16	15.9	9.6	12.7	-	22.2	12	2.8	20	14.8	10.9	1.65	-	.36	12	13	10	-	0	-	-	-	-	0	0	-	5.43	-
	Poulton-le-Fylde	9 9	38	16.1	10.4	13.3	-	22.8	12	3.3	20	-	-	1.99	-	.37	12	14	13	0	0	0	0	0	0	0	-	0	-	-
	Grizedale ...	9 9	300	16.3	8.4	12.3	-	21.7	12	2.2	20	13.6	-	3.52	-	.80	6	20	14	0	0	0	0	0	0	0	0	0	-	-
	Speke	21-9	80	17.1	10.9	14.0	-	25.2	26	5.0	20	-	-	1.98	97	.51	1	14	12	0	0	0	0	1	0	0	0	0	4.58	-
	Kirkham ...	9 9	78	16.7	9.7	13.2	-	23.3	12	2.8	20	-	-	1.95	78	.38	9	15	11	0	0	0	0	2	0	0	0	0	5.42	-
	Garstang ...	9 9	68	16.0	9.8	12.9	-	22.2	26	5.0	20	-	-	1.91	-	.42	4	16	11	-	0	-	-	-	0	0	0	-	4.69	-
	Morecambe ...	9 9	24	16.4	10.8	13.6	-0.8	22.8	12	6.1	2	-	-	2.84	115	.80	6	15	11	0	0	0	0	0	0	0	-	0	4.74	68
	Preston	9 9	108	16.6	10.2	13.4	-	23.3	26	2.8	20	-	-	1.97	74	.36	12	15	12	0	0	1	0	3	0	0	1	1	-	-
	Stonyhurst ¶§	9 9	377	16.1	9.5	12.8	-1.0	22.8	26	3.9	20	-	-	2.46	81	.33	12	20	13	-	0	-	-	-	0	0	0	-	4.04	65
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.83	-
	Helmshore ...	9 9	854	15.1	8.6	11.9	-	22.2	26	2.8	20	12.4	-	2.79	75	.50	4	20	13	-	0	-	-	-	0	0	0	-	3.90	- S
	Burnley	9 9	655	15.6	8.8	12.2	-	22.2	26	1.7	20	12.4	10.3	2.53	-	.46	1	21	13	0	0	0	0	2	0	0	2	0	3.32	-
	Nelson	9 9	540	15.4	9.3	12.3	-	22.2	26	2.8	20	13.5	10.7	2.20	80	.41	1	18	11	-	0	-	-	-	0	0	0	-	3.45	- S
	Rochdale ...	9 9	362	16.4	8.6	12.5	-	23.3	26	1.7	20	-	-	2.42	-	.42	19	17	10	0	0	0	0	2	0	0	0	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	15.9	10.7	13.3	-0.8	21.7	12	6.1	2,3,20	-	-	1.55	78	.35	9	15	9	-	-	-	-	-	0	0	0	-	5.29	78
	Winnington ...	9 9	65	17.7	10.7	14.2	-	25.0	26	3.9	20	-	-	2.75	129	.76	1	16	12	0	0	0	0	3	0	0	0	0	-	-
	Knutsford ...	9 9	212	17.8	9.6	13.7	-	26.1	26	3.9	20	15.2	13.2	2.94	-	.64	1	16	13	-	0	-	-	-	0	0	1	-	-	-
	Ringway ¶§	21-9	248	16.7	10.3	13.5	-0.8	23.6	26	3.0	20	-	-	2.73	117	.67	1	15	12	0	0	0	0	3	0	0	0	0	3.97	66
	Macclesfield ...	9 9	500	16.3	9.4	12.9	-1.3	23.9	26	1.7	20	-	-	2.48	92	.46	1	16	13	0	0	0	0	3	0	0	-	0	-	-
7b NORTH WALES																														
Flint	Rhyl	9 9	31	16.6	10.6	13.6	-0.6	22.8	12	5.6	2	-	-	2.09	125	.53	9	15	9	0	0	0	1	0	0	0	0	0	5.38	77
	Prestatyn ...	9 9	12	16.8	10.8	13.8	-	22.8	12	6.1	2	-	-	1.97	103	.60	9	15	10	0	0	0	0	0	0	0	-	0	4.63	71
	Hawarden Bridge	9 9	17	17.9	10.1	14.0	-0.6	25.0	26	5.6	20	-	-	1.87	103	.46	1	15	11	0	0	0	0	1	0	0	-	0	-	-
Anglesey	Valley	21-9	33	15.8	10.4	13.1	-0.4	23.0	12	6.7	20	-	-	2.67	134	.75	12	16	10	0	0	0	1	0	0	0	0	0	5.75	78
Denbigh	Colwyn Bay ...	9 9	118	16.6	10.9	13.7	-0.5	22.8	12	6.1	2,3	14.7	-	1.20	64	.35	1	7	7	0	0	0	0	0	0	0	-	0	5.44	77
	Alwen	9 9	1100	14.7	6.9	10.8	-	20.6	26	2.2	24	-	-	1.97	-	.35	1	15	10	-	-	-	-	-	-	0	0	-	-	-
	Ruthin	9 9	248	16.8	8.9	12.9	-	23.9	26	2.2	20	-	-	1.54	-	.48	12	15	10	-	0	-	-	-	0	0	-	-	4.10	-
	Loggerheads ...	9 9	690	15.9	8.3	12.1	-	23.3	26	2.8	20	13.1	11.8	1.66	-	.41	12	16	9	0	0	0	2	0	0	0	0	0	-	-
	Bwlchgwyn ...	9 9	1267	14.2	7.5	10.9	-	21.7	26	2.2	20	10.8	-	1.99	-	.46	1	19	11	0	0	1	0	0	2	0	0	0	-	-
	Wrexham ...	9 9	275	17.5	9.3	13.4	-	24.4	26	4.4	20	13.7	11.8		-					0	0	0	0	0	0	1	0	1	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	14.4	10.4	12.4	-	19.1	12	6.4	2	-	-	2.25	-	.50	9	13	9	-	0	-	-	-	2	0	0	-	-	-
	Botwnnog ...	9 9	112	16.1	10.1	13.1	-	21.1	12,26	6.1	2	15.5	13.0	2.56	-	.73	12	17	11	0	0	0	0	0	0	0	0	0	5.86	-
	Bryn Adda ...	9 9	275	16.8	9.7	13.3	-	22.8	12	5.6	2	-	-	1.66	-	.35	2	14	8	0	0	-	-	-	-	0	-	-	-	-
	Cwm Dyli ...	9 9	324	15.9	9.8	12.9	-	22.2	26	4.4	20	13.4	-	5.03	-	.65	6	20	16	-	0	-	-	-	0	0	0	-	-	-
	Aber	9 9	60	16.8	10.3	13.5	-0.6	23.3	12	5.6	20	-	-	1.29	48	.34	1	16	8	0	0	0	0	1	0	0	0	0	4.99	73
	Llandudno ¶§	9 9	13	16.2	10.9	13.5	-0.7	23.3	12	6.7	2,3	-	-	1.07	60	.43	1	8	5	0	0	0	0	0	0	0	-	0	5.65	79
Merioneth	Llyn Stwlan ...	9 9	1656	11.9	6.6	9.3	-	17.2	12,25	1.1	20	-	-	5.10	-	.83	7	21	18	-	0	-	-	-	-	0	0	-	-	-
	Blaenau Ffestiniog	9 9	750	15.9			-	22.8	12											0	0	0	0	0	-		-	0		- S
	Corwen	9 9	473	14.7	7.7	11.2	-	21.1	25,26	1.7	20	-	-	1.48	-	.41	12	15	9	0	0	0	0	0	-	0	0	-	-	-
Montgomery	Ceinws	9 9	200	17.9	8.9	13.4	-	24.4	26	2.2	20	-	-	2.84	-	.50	9	17	14	-	-	-	-	-	0	0	1	-	-	-
	Lake Vyrnwy ...	9 9	995	15.2	8.0	11.6	-	22.2	26	2.2	20	12.7	-	2.37	65	.50	12	18	11	0	0	0	0	0	0	0	1	0	-	-
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	378	15.5	10.5	13.0	-0.4	21.6	12	7.3	2	-	-	1.93	92	.50	1	17	8	0	0	0	1	0	1	0	0	0	4.74	-
	Aberystwyth ...	9 9	12	16.7	10.4	13.5	-0.7	22.2	13	7.2	18	-	-	1.99	-	.34	11	19	14	-	0	-	-	-	0	0	0	-	5.63	86
	" P.B.S.*	9 9	452	15.8	9.5	12.7	-0.8	22.2	12	3.9	20	-	-	1.58	57	.37	9	18	11	0	0	0	0	0	1	0	1	0	4.71	72
	Gogerddan ...	9 9	103	17.1	9.8	13.5	-	22.2	12	1.7	20	-	-	1.29	49	.38	9	16	10	0	0	0	0	0	0	0	1	0	4.75	-
	Swyddffynnon ...	9 9	540	16.4	8.9	12.7	-	23.6	26	0.7	20	-	-	1.79	-	.35	7,9	18	12	-	0	-	-	-	0	0	1	-	-	-
	Trawscoed ...	9 9	200	17.1	9.1	13.1	-	22.8	26	0.6	20	12.7	-	2.13	74	.55	9	18	10	0	0	0	0	0	0	0	0	0	4.08	-
	Llety-evan-hen ...	9 9	950	15.0	8.9	11.9	-	20.6	12,26	3.3	20	-	-	2.91	-	.43	9	18	15	0	0	1	0	1	2	0	0	1	3.80	63
	Cwmystwyth ...	9 9	989	15.2	8.2	11.7	-	21.7	26	3.3	2,20	-	-	3.28	-	.59	7	16	13	0	0	0	0	0	-	0	-	1	-	-
Pembroke	Dale Fort ...	9 9	109	15.6	10.9	13.3	-	21.7	25	8.3	2,3,20	15.3	-	2.23	-	.53	6	14	11	0	0	0	0	1	0	0	0	0	6.24	-
	Brawdy	9 9	360	15.1	9.8	12.5	-	19.4	12,25,26	6.7	2	-	-	2.73	-	.76	1	15	9	0	0	0	0	0	0	0	0	0	4.73	-
	Haverfordwest ...	9 9	131	16.7	10.2	13.5	-0.5	22.8	26	6.7	2,24,30	-	-	(3.33)	143	.57	3	(16	12)	0	-	0	0	0	0	0	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	17.8	9.7	13.7	-	22.8	25,26,30	3.9	20	16.2	13.4	1.99	-	.31	12	15	13	0	0	0	0	0	0	0	0	0	5.63	-
Radnor	Llandrindod Wells ¶§	9 9	772	17.3	8.8	13.1	-0.4	25.0	26	3.3	20	12.9	-	2.43	101	.78	1	12	11	0	0	0	0	0	0	0	-	0	4.16	71
Brecknock	Llwynon ...	9 9	860	16.3	8.2	12.3	-	21.7	24	2.2	20	-	-	3.85	-	.56	7	16	10	0	0	0	0	0	0	0	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117	16.3	11.2	13.7	-	20.7	18	5.8	20	-	-	-	-	-	-	-	-	0	0	1	0	0	0	0	0	2	-	-
	Swansea ...	9 9	27	17.8	11.5	14.7	-0.7	23.3	26	6.1	20	17.2	15.0	2.05	85	.44	1,3	18	7	0	0	0	0	0	0	0	-	0	4.72	69
	Port Talbot ...	9 9	24	18.4	11.3	14.9	-	24.4	26	6.1	20	-	-	2.01	-	.58	5	12	10	0	0	1	0	0	0	0	0	-	3.65	- S
	Neath	9 9	202	17.2	10.9	14.1	-	21.7	12,25,26	4.4	20	-	-	1.80	-	.34	3	13	9	0	0	0	0	1	0	0	0	0	-	-
	Rhoose	21-9	220	17.0	10.5	13.7	-	22.6	26	3.8	20	-	-	2.20	115	.73	5	11	8	0	0	0	0	1	0	0	0	0	4.70	-
	Cardiff ... ¶§	9 9	202	18.0	10.6	14.3	-0.7	23.9	26	5.6	20	15.4	12.9	2.22	97	.70	5	9	8	0	-	0	0	0	0	0	0	-	4.40	63
Monmouth	Tredegar ...	9 9	1028	15.9	8.6	12.3	-	21.1	26	2.8	20	-	-	3.85	-	.87	5	15	13	0	0	0	0	0	1	0	0	0	3.99	- S
	Newport ...	9 9	75	18.2	10.3	14.3	-0.8	23.3	26	4.4	2	-	-	2.17	98	.53	5	12	7	0	0	0	0	0	0	0	1	0	4.83	-
	Usk	9 9	70	18.2	9.7	13.9	-	22.8	26	3.9	20	14.9	-	2.67	130	.78	1	13	8	0	0	0	0	0	-	0	0	0	3.88	-
	Crumbland Plantation	9 9	804	16.4	9.1	12.7	-	21.7	26	3.3	20	14.1	12.1	2.37	-	.72	1	13	7	0	0	0	0	0	1	0	0	0	4.10	-
8b ENGLAND, S.W.																														
Somerset	Hawkridge ...	9 9	1030	15.6	-	-	-	21.1	26,27	-	-	-	-	2.66	-	.75	6	15	9	0	0	0	0	0	2	0	0	0	5.08	-
	Cannington ...	9 9	95	18.1	11.0	14.5	-	23.9	26	6.7	20	15.6	-	1.78	110	.44	1	12	9	-	-	-	-	-	0	0	-	-	5.45	75
	Weston-s.-Mare	9 9	28	18.5	11.9	15.4	+0.1	23.9	26	7.8	2,3	-	-	2.11	119	.79	5	8	8	0	0	0	0	1	0	0	0	0	5.42	76
	Long Ashton ¶§	9 9	162	18.1	10.7	14.4	-0.5	23.9	26	6.1	20	15.4	-	2.66	125	.96	5	10	8	0	0	1	0	1	0	0	0	0	4.88	71
	Wincanton ...	9 9	375	18.6	10.0	14.3	-	24.4	25	4.4	20	-	-	1.23	-	.34	6	11	8	0	0	0	0	4	0	0	0	0	-	-
	Bath City Boys' School	9 9	388	17.7	10.4	14.1	-	22.8	25	6.7	2,3	14.9	-	1.73	-	.48	1	13	8	0	0	0	0	0	0	0	-	0	4.36	-
Dorset	Lyme Regis ...	9 9	200	17.7	10.3	14.0	-	23.3	30	5.6	20	-	-	1.16	-	.30	12	13	9	0	0	0	0	0	0	0	0	0	5.29	- S
	Portland Bill ...	21-9	35	17.3	11.6	14.5	+0.5	23.2	28	7.7	20	-	-	.56	42	.19	12	7	6	0	0	0	0	2	1	0	-	3	-	-
	Weymouth ...	9 9	16	18.5	11.6	15.1	-0.1	23.3	26	6.7	20	-	-	.75	52	.20	12	9	5	-	0	-	-	-	0	0	-	-	6.38	82
	Winfrith ...	9 9	85	17.9	10.1	14.0	-	22.8	26,27	5.6	16,20	-	-	1.23	-	.31	12	10	8	-	0	-	-	-	1	0	0	-	-	-
	Shaftesbury ...	9 9	680	17.3	9.9	13.6	-0.4	23.3	26	4.4	20	-	-	1.63	87	.38	6	11	9	0	0	-	-	-	0	0	-	-	-	-
	Swanage ...	9 9	37	18.3	11.3	14.8	-	23.3	26	6.7	20	-	13.9	1.95	-	.55	12	10	7	0	-	0	0	2	0	0	0	0	5.73	71
	Poole	9 9	18	18.4	10.4	14.4	-	23.9	26	6.1	16	-	-	1.69	-	.47	12	12	7	0	0	0	0	3	0	0	-	0	5.18	68

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b ENGLAND, S.W.—cont.																														
Devon	Clawton	9 9	412	17.6	7.4	12.5	-	23.9	26	2.2	20	-	-	1.60	-	.32	5	15	10	0	0	0	0	0	1	0	-	0	-	-
	Hartland Point ...	21-9	298	15.5	11.5	13.5	-	20.4	12	8.5	3	-	-	1.05	-	.31	3	11	6	0	0	0	0	0	0	0	0	2	6.48	87
	Mount Batten ...	21-9	87	17.0	11.3	14.1	-0.4	21.2	30	7.3	16	-	-	2.08	103	.51	3	9	6	0	0	0	0	1	0	0	0	0	6.26	85
	Plymouth, The Hoe	9 9	119	17.8	11.5	14.7	-0.3	21.7	30	7.2	20	15.8	13.6	2.00	100	.52	5	8	7	0	0	0	0	0	0	0	0	0	5.86	80
	Tavistock ...	9 9	457	18.0	10.2	14.1	-0.2	22.8	30	3.3	20	-	12.9	2.75	-	.68	6	14	10	0	0	0	1	1	0	0	0	0	-	-
	Chivenor ...	21-9	20	17.6	11.2	14.4	-	23.2	25	7.5	21	-	-	1.46	-	.72	5	11	7	0	0	0	0	0	0	0	0	0	5.87	-
	Ilfracombe ...	9 9	25																											
	Totnes	9 9	120	18.6	10.2	14.4	-	23.3	27	5.6	30	16.2	12.9	2.19	97	.62	6	12	8	0	0	0	0	0	0	0	0	0	6.18	-
	Slapton	9 9	104	17.9	10.9	14.4	-	22.2	9	7.2	21,22	-	-	1.56	-	.43	12	12	9	0	0	-	-	-	0	0	0	-	-	-
	Newton Abbot ...	9 9	272	18.2	10.0	14.1	-0.6	23.9	30	6.1	20	-	-	2.17	114	.79	6	10	8	0	0	0	0	0	0	0	-	0	6.44	94
	Paignton ...	9 9	8	18.6	11.6	15.1	-	24.4	30	7.2	20	-	-	1.46	74	.39	12	10	6	0	0	0	0	0	0	0	0	0	6.54	88
	Torquay ...	9 9	26	18.4	11.7	15.1	+0.1	25.0	30	7.2	20	-	14.6	1.54	87	.42	12	9	5	0	0	0	0	0	0	0	0	0	6.63	86
	Teignmouth ¶§	9 9	20	18.1	11.8	14.9	-0.3	23.9	30	8.3	20	-	-	1.83	110	.48	1	10	8	0	0	0	0	0	0	0	0	0	6.49	86
	Starcross ...	9 9	29	18.1	10.5	14.3	-	23.3	30	5.6	16,20	15.9	-	1.63	92	.49	1	13	9	0	0	-	-	-	0	0	0	-	6.17	-
	Exeter, Southam	9 9	160	18.2	10.3	14.3	-	22.2	13,26,30	6.7	16,22	-	-	2.16	-	.67	1	7	5	0	0	0	0	0	1	0	-	0	-	-
	Exmouth ...	9 9	195	17.3	10.9	14.1	-0.3	23.3	30	5.6	20	-	-	1.31	73	.32	12	14	6	0	0	0	0	0	0	0	-	0	5.74	80
	Exeter	21-9	106	18.4	10.8	14.6	-	23.2	30	4.8	20	-	-	1.64	96	.52	6	10	7	0	0	0	0	0	0	0	0	0	4.84	-
	Sidmouth ...	9 9	25	17.4	11.4	14.4	-0.1	23.3	30	5.7	20	-	-							-	0	-	-	-	0	0	0	-	6.02	84
Cornwall	St. Mary's, Scilly	21-9	158	17.1	11.9	14.5	+0.2	20.3	26	9.6	18	-	-	1.17	67	.21	5	13	8	0	0	0	0	0	0	0	-	0	7.34	97
	Penzance ...	9 9	62	17.5	11.7	14.6	-0.3	22.2	26	8.9	20,21	-	-	1.89	96	.53	3	14	9	0	0	0	0	0	0	0	0	0	7.19	98
	Gulval	9 9	50																											
	Culdrose ...	9 9	268	16.4	11.1	13.7	-	21.1	26	7.8	20	-	-	1.77	-	.41	13	12	8	0	0	0	0	0	0	0	0	0	6.70	-
	Rosewarne ...	9 9	250	16.5	11.3	13.9	-	20.0	25	8.3	16	14.9	13.4	2.35	128	.56	13	18	10	0	0	0	0	0	0	0	0	0	6.68	-
	Lizard	9 9	240	16.7	11.3	14.0	-0.1	20.7	26	7.2	20	-	-	1.30	79	.34	5	14	8	0	-	0	0	0	-	0	0	0	6.68	-
	Falmouth ¶§	9 9	167	16.9	12.0	14.5	-0.2	21.7	26	8.3	20	-	-	2.46	124	.47	3	13	10	0	0	0	0	0	0	0	0	0	6.08	81
	Newquay ...	9 9	176	16.6	11.7	14.1	-0.1	20.0	9	9.4	11,25	-	-	1.43	80	.39	3	13	9	0	-	0	0	0	-	0	-	0	6.27	86
	St. Mawgan ...	21-9	337	16.2	11.1	13.7	-	20.2	26	7.5	20	-	-	2.10	-	.48	13	17	10	0	0	0	0	1	0	0	0	0	6.12	-
	St. Austell ...	9 9	310	17.3	11.3	14.3	-	22.2	26	8.3	20	-	-	2.31	100	.58	3	13	10	0	0	0	0	1	0	0	-	0	-	-
	Fowey	9 9	51	17.9	11.6	14.7	0.0	21.7	30	7.8	20	-	-	1.98	-	.44	3	12	10	0	0	0	0	0	0	0	0	0	-	-
	Bude	9 9	50	16.7	10.9	13.8	-0.4	21.7	12	6.7	30	14.4	-	1.37	77	.36	5	14	10	-	0	-	-	-	-	0	-	-	5.68	79
	Ellbridge ...	9 9	190	17.8	10.7	14.3	-0.2	21.7	27,30	6.7	16,20,2	-	-	2.93	134	.69	6	16	12	0	0	0	0	0	0	0	0	0	5.87	82
9 NORTHERN IRELAND																														
Londonderry	Loughermore Forest	9 9	570	15.2	7.5	11.3	-	19.4	23	1.1	2	-	-	2.53	-	.38	10	20	16	0	0	0	0	0	1	0	1	0	-	-
	Ballykelly ¶§	21-9	6	16.0	9.5	12.7	-0.9	18.7	26	1.8	2	-	-	2.05	86	.39	10	17	11	0	0	0	0	0	0	0	1	0	4.79	84
	Derrynoyd Forest	9 9	290	16.4	8.7	12.5	-	19.4	25	3.3	2	-	-	3.32	-	.59	9	16	13	0	0	0	0	0	0	0	0	0	-	-
	Somerset Forest	9 9	140	15.9	8.9	12.4	-	20.0	26	1.7	2	-	-	1.97	-	.35	12	16	12	0	0	0	0	0	2	0	1	0	-	-
	Garvagh Forest	9 9	290	15.8	8.4	12.1	-	20.6	26	1.7	2	-	-	2.07	-	.44	3	14	13	0	0	0	0	1	0	0	1	0	-	-
	Moneydig ¶	21-9	112	16.4	8.6	12.5	-1.2	19.5	26	1.3	2	14.7	-	2.42	89	.45	3	17	13	0	0	0	0	1	0	0	2	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	1.64	-	.45	12	15	11	-	-	-	-	-	-	-	-	-	5.19	-
	Lisnafillan ...	9 9	124	16.2	8.8	12.5	-	20.0	25,26	5.0	2	-	-	3.52	-	.90	10	13	12	0	0	1	0	1	0	0	0	0	5.71	-
	Aldergrove ¶§	21-9	225	16.7	9.2	12.9	-0.4	21.6	26	4.0	2	13.8	10.9	2.29	-	.45	3	16	11	0	0	0	0	0	0	0	0	0	5.10	86
	Greenmount ...	9 9	105	16.5	9.2	12.9	-	20.0	25,26	3.9	2	14.2	-	2.32	-	.46	9	16	11	0	0	0	0	0	-	0	0	-	-	-
	Black Mountain	21-9	969	14.5	7.6	11.1	-	19.2	26	3.2	2	-	-	3.37	-	.80	10	15	11	0	0	1	0	1	5	0	-	0	-	-
	Ballypatrick Forest	9 9	500	14.2	8.3	11.3	-	18.9	26	4.4	2	-	-	3.37	-	.74	3	21	14	0	0	0	0	1	2	0	0	0	-	-
	Larne	9 9	140	17.0	9.2	13.1	-	22.2	26	5.6	2	-	-	3.17	-	.90	3	13	9	0	0	0	0	1	0	0	-	0	-	-
	Kilroot	9 9	71	16.2	9.4	12.8	-	21.1	26	6.1	2	-	-	2.89	-	.64	10,12	10	7	0	0	0	0	0	1	0	0	0	-	-
Down	Newry Abbey ...	9 9	32	16.9	10.1	13.5	-	21.1	26	6.7	2	-	-	2.48	-	.65	12	13	9	0	0	0	0	0	0	0	0	-	-	-
	Hillsborough §	9 9	379	15.8	9.0	12.4	-0.5	20.6	26	5.0	2	12.9	-	2.12	93	.56	3	13	13	0	0	0	0	1	0	0	0	0	4.55	75
	Kilkeel	21-9	58	15.8	9.8	12.8	-	20.7	30	6.4	2	-	-	2.87	-	.72	12	18	12	0	0	0	0	0	1	0	0	0	5.64	-
	Tollymore Park	9 9	249	16.7	9.4	13.1	-	21.7	26	6.1	20	-	-	4.54	-	1.47	3	13	11	0	0	0	0	0	0	0	0	0	-	-
	Stormont Castle	9 9	185	16.7	9.1	12.9	-	21.1	30	5.0	2	14.6	12.3	2.17	-	.59	3,12	12	8	0	0	0	0	1	0	0	0	0	4.80	-
	Crossgar ...	9 9	119	16.6	9.3	12.9	-	21.1	26	5.0	20	-	-	2.60	-	.98	12	15	9	0	0	0	0	0	0	0	0	0	-	-
	Creighton's Green	9 9	391	15.4	9.1	12.3	-	20.0	26	5.0	2	-	-	2.88	-	.71	3	11	10	0	0	0	0	1	0	0	0	0	-	-
	Helen's Bay ...	9 9	140	16.6	9.5	13.1	-	21.7	26	6.1	2	-	-	2.81	-	.71	3	12	9	0	0	0	1	1	0	0	0	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	15.3	9.0	12.1	-	20.7	30	4.5	20	-	-	2.57	-	.78	12	13	8	0	0	0	0	0	1	0	0	0	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.44	-
Armagh	Armagh ¶§	9 9	202	17.1	9.6	13.3	-0.5	21.1	26	4.4	20	15.3	13.5	2.20	91	.46	12	15	13	0	0	0	0	1	0	0	0	0	4.21	75
	Loughgall ...	9 9	92	16.7	9.0	12.9	-	20.6	26	3.9	3,20	-	-	2.24	-	.48	12	14	13	0	0	0	0	0	0	0	2	0	4.45	-
	Glenanne ...	21-9	438	16.1	9.2	12.7	-	20.5	26	5.0	2	-	-	2.40	-	.51	12	14	12	0	0	0	0	0	0	0	0	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	2.45	90	.55	12	15	9	-	-	-	-	-	-	-	-	-	4.30	70
Tyrone	Lough Bradan ...	9 9	554	15.3	5.8	10.5	-	18.9	25	-1.1	2	-	-	4.13	-	.88	12	23	18	-	-	-	-	1	0	1	2	0	4.06	- S
	Baronscourt Forest	9 9	290	15.9	8.4	12.1	-	18.9	24,25	3.3	2,3,20	-	-	3.84	-	.85	12	18	15	0	0	0	0	1	0	0	1	0	-	-
	Carrigans ...	21-9	371	16.1	8.5	12.3	-	18.6	17,28	3.3	2	-	-	4.11	-	.80	17	19	15	0	0	1	0	1	0	0	0	0	-	-
	Lislap Forest ...	9 9	685	14.9	7.4	11.1	-	18.9	25	2.2	3,20	13.2	-	4.35	131	1.07	10	21	15	0	0	0	0	1	0	0	1	0	-	-
	Knockmany Forest	9 9	239	15.9	8.7	12.3	-	19.4	25	2.2	20	-	-	2.81	-	.91	12	18	15	0	0	0	0	1	0	0	0	0	-	-
	Pomeroy Forest	9 9	540	15.9	8.6	12.3	-	19.4	24,28	3.3	2	13.3	-	3.28	-	.46	9	18	14	0	0	0	0	2	0	0	0	0	-	-
	Cookstown ...	9 9	253	15.9	8.8	12.3	-	18.9	26	2.8	2	14.1	-	2.62	-	.52	9	19	14	-	-	-	-	-	-	0	0	0	-	-
Fermanagh	Roscor	9 9	470	15.2	8.5	11.9	-	18.9	25	3.3	2,3	-	-	4.39	132	1.81	12	20	13	-	-	-	-	-	0	0	2	0	-	-
	Lough Navar Forest	9 9	485	15.5	8.6	12.1	-	18.9	24,25	3.3	2	-	-	5.08	-	1.48	12	19	16	0	0	0	0	1	0	0	1	0	-	-
	Ely Lodge ...	21-9	210	16.0	9.4	12.7	-	19.5	25	3.9	2	14.3	11.8	3.62	-	1.35	12	19	15	0	0	0	0	1	0	0	1	0	4.23	-
	Castle Archdale Forest ¶§	9 9	215	16.0	8.7	12.3	-1.0	18.9	25	1.1	3	13.7	-	3.99	-	1.26	12	20	17	0	0	0	0	0	0	0	0	0	4.41	80
	Pubble Forest ...	9 9	290	15.6	8.6	12.1	-	18.9	25	3.3	2	-	-	3.33	-	1.02	12	19	13	0	0	0	0	0	0	0	0	0	-	-
CHANNEL ISLES																														
Guernsey	States Airport ...	21-9	340	16.9	11.5	14.2	-0.3	23.0	12	9.2	21	16.2	14.0	3.29	207	1.05	18	12	7	0	0	0	0	1	3	0	0	0	7.26	-
Alderney	States Airport ...	9 9	288	15.8	11.1	13.5	-	18.9	9,12,26	8.3	20	15.2	-	2.67	-	.83	17	10	10	0	0	0	0	1	4	0	-	0	7.20	-
Jersey	Jersey Airport ...	9 9	273	17.2	11.7	14.5	-	24.4	12	8.9	21	-	-	2.49	165	1.15	17	12	8	0	-	0	0	3	2	0	0	0	7.30	-
	St. Helier ...	9 9	28	18.4	12.8	15.6	-0.5	25.6	12	10.0	21	-	-	2.93	212	.92	17	11	9	0	-	0	0	2	0	0	-	1	8.30	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.24	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. S *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

Table IV—Summary of Observations at Fixed Hours June, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																					
0 SCOTLAND, N.																																													
Zetland Lerwick Observatory H	3	273	1010.7	-	8.3	0.8	9.9	89	6.3	0	3	5	10	8	4	0	4	0	0	0	0	3	4	13	6	0	5	10	12	3	3	4	3	0	2	7	6	2							
	9	273	1011.0	-1.6	10.4	1.5	10.2	81	6.3	0	2	5	11	10	2	0	1	0	2	0	1	2	3	9	12	0	6	11	13	0	3	5	2	2	4	2	8	4							
	15	273	1011.3	-	11.4	1.9	10.3	77	6.1	0	2	8	13	6	1	0	1	0	0	1	2	0	5	11	10	0	6	13	11	0	1	5	1	2	9	2	7	3							
	21	273	1011.2	-	9.1	1.1	9.9	85	6.1	0	4	2	14	8	2	0	2	0	1	1	2	7	7	8	8	0	4	14	10	2	3	2	2	2	2	6	7	4							
Orkney Kirkwall ... H	3	86	1011.8	-	8.7	0.8	10.1	90	6.1	0	4	4	12	8	2	0	0	1	1	0	0	7	3	8	10	0	3	13	11	3	3	2	2	0	6	3	8	3							
	9	86	1012.2	-	11.1	1.5	10.9	82	6.4	0	3	4	13	9	1	0	0	1	0	0	0	4	5	13	7	0	7	11	12	0	4	3	4	1	3	4	7	4							
	15	86	1012.2	-	12.1	1.8	11.1	79	6.7	0	1	5	13	11	0	0	0	0	0	1	0	0	6	14	9	0	6	12	12	0	5	3	2	3	5	0	10	2							
	21	86	1012.4	-	10.1	1.0	10.8	87	6.3	0	3	4	16	6	1	0	0	0	1	0	0	1	10	11	7	0	2	16	11	1	4	2	3	2	4	2	10	2							
Caithness Wick ... H	3	121	1012.0	-	8.4	0.7	10.1	90	5.9	0	4	5	14	7	0	0	0	0	0	2	0	2	5	11	10	0	1	7	20	2	3	2	2	2	7	3	8	1							
	9	121	1012.4	-0.8	11.2	1.5	10.9	81	6.7	0	2	2	16	9	1	0	0	0	2	0	1	0	7	10	10	0	3	14	13	0	4	4	1	4	4	2	8	3							
	15	121	1012.3	-	12.6	2.1	11.1	76	6.5	0	2	4	14	9	1	0	0	0	2	0	0	3	5	8	12	0	6	12	12	0	2	3	4	5	3	1	6	6							
	21	121	1012.6	-	10.1	1.0	10.8	87	6.3	0	2	6	17	5	0	0	0	0	0	1	0	3	8	11	7	0	0	13	16	1	2	2	1	3	4	5	8	4							
Sutherland Cape Wrath ... H	3	371	1011.4	-	9.0	0.7	10.4	90	6.3	0	3	3	13	8	3	0	2	0	1	0	0	2	6	4	15	2	5	8	14	1	3	0	5	3	1	9	6	2							
	9	371	1011.9	-	10.2	1.2	10.6	85	6.5	0	0	8	11	8	3	0	3	0	0	0	0	1	2	8	16	0	7	7	15	1	1	4	3	2	1	8	8	2							
	15	371	1012.1	-	10.7	1.3	10.9	85	6.5	1	1	3	14	10	1	1	0	0	0	0	1	1	4	9	14	2	4	13	11	0	2	4	2	4	1	8	8	1							
	21	371	1012.1	-	9.7	0.8	10.8	89	6.5	0	0	8	12	7	3	0	2	0	1	0	0	3	3	9	12	1	6	12	9	2	2	2	5	1	2	8	5	3							
Ross & Cromarty Stornoway H	3	16	1012.8	-	8.9	0.6	10.6	92	5.2	0	6	8	10	6	0	0	0	0	0	0	0	2	10	10	8	0	0	12	15	3	1	5	2	1	7	3	4	4							
	9	16	1013.1	-0.2	11.6	1.5	11.2	82	6.3	0	3	4	14	9	0	0	0	0	0	0	0	4	2	14	10	0	1	16	13	0	2	5	2	3	8	1	5	4							
	15	16	1013.3	-	12.7	2.1	11.2	76	6.4	0	2	3	19	6	0	0	0	0	0	0	0	2	3	10	15	0	3	16	10	1	1	4	4	0	7	3	6	4							
	21	16	1013.3	-	10.6	0.9	11.3	88	6.0	0	4	5	13	8	0	0	0	0	0	0	0	2	3	5	11	9	0	0	14	16	0	4	4	3	2	4	5	6	2							
Inverness Benbecula H	3	21	1012.8	-	9.8	0.9	10.8	89	5.8	0	5	3	13	9	0	0	0	0	0	0	0	9	9	11	10	0	3	18	9	0	3	6	2	4	5	2	6	2							
	9	21	1013.0	-	11.9	1.6	11.4	81	6.4	0	3	2	17	8	0	0	0	0	0	0	0	4	4	14	8	0	6	22	2	0	5	3	2	2	6	4	4	4							
	15	21	1013.4	-	12.9	1.9	11.6	78	6.1	0	4	4	14	8	0	0	0	0	0	0	0	3	8	8	11	0	6	23	1	0	3	1	2	3	3	5	7	6							
	21	21	1013.5	-	11.1	1.3	11.2	84	5.6	1	4	5	14	6	0	0	0	0	0	0	1	2	6	10	11	0	5	18	7	0	5	3	2	3	2	9	3	3							
1 SCOTLAND, E.																																													
Moray Kinloss ... H	3	19	1012.9	-	8.8	0.8	10.2	89	5.7	0	5	3	19	3	0	0	0	0	0	1	0	4	1	19	5	0	0	15	11	4	2	2	3	1	1	13	4	0							
	9	19	1013.1	-	12.9	2.4	10.9	73	6.2	0	2	5	19	4	0	0	0	0	0	0	1	2	2	5	20	0	5	14	10	1	3	4	1	1	4	4	7	5							
	15	19	1012.8	-	14.9	3.1	11.5	68	6.4	0	1	4	20	5	0	0	0	0	0	0	0	1	2	4	23	0	3	20	7	0	4	7	2	0	1	3	11	2							
	21	19	1013.3	-	11.5	1.4	11.3	82	6.1	0	3	3	20	4	0	0	0	0	0	0	0	2	7	2	19	0	3	11	16	0	2	3	5	1	1	7	8	3							
Aberdeen Dyce ... H	3	193	1012.8	-	8.3	0.9	9.7	88	6.0	2	3	0	21	3	1	0	2	2	0	0	3	2	7	6	8	0	0	5	15	10	6	0	2	0	2	4	3	3							
	9	193	1013.0	-1.1	13.2	2.8	10.5	69	5.7	0	3	9	14	4	0	0	0	0	0	0	1	5	4	6	14	0	3	15	12	0	4	3	2	2	8	2	6	3							
	15	193	1012.7	-	14.5	3.3	10.8	65	6.3	0	1	6	18	5	0	0	0	0	0	0	1	3	4	11	11	0	1	21	8	0	2	2	5	3	8	2	2	6							
	21	193	1013.3	-	11.3	1.8	10.6	79	5.4	0	7	3	16	4	0	0	0	0	0	0	0	3	3	9	8	7	0	9	16	5	4	0	1	1	7	1	7	4							
Rattray Head ...	3	108	1012.4	-	8.9	0.9	10.1	88	5.6	0	1	11	13	4	1	0	0	0	1	1	0	5	18	5	0	0	3	9	16	2	4	1	2	1	10	2	7	1							
	9	108	1012.6	-	11.7	1.6	11.3	81	5.8	0	2	8	15	2	3	0	2	0	1	0	0	1	12	14	0	0	3	11	16	0	5	1	2	5	4	1	10	2							
	15	108	1012.8	-	12.8	1.8	11.8	79	4.9	0	3	15	10	1	1	0	1	0	0	0	0	2	12	15	0	0	3	16	11	0	8	0	2	4	7	0	5	4							
	21	108	1012.9	-	10.9	1.1	11.3	87	5.4	0	2	10	15	3	0	0	0	0	0	0	0	4	15	11	0	0	3	8	19	0	5	0	1	3	9	1	6	5							
Fife Leuchars ... H	3	38	1012.9	-	9.2	0.8	10.5	89	6.0	0	5	4	11	10	0	0	0	1	1	0	2	2	4	14	6	0	0	7	20	3	3	2	2	0	0	6	11	3							
	9	38	1013.2	-1.1	13.3	2.5	11.0	72	5.4	0	3	12	12	3	0	0	0	0	1	1	0	1	2	8	17	0	2	19	9	0	2	4	3	1	1	8	9	2							
	15	38	1012.9	-	15.5	3.3	11.7	67	6.0	0	2	8	15	5	0	0	0	0	0	0	0	3	4	8	15	0	2	21	7	0	1	3	7	2	2	6	9	0							
	21	38	1013.3	-	11.9	1.7	11.2	80	5.4	0	5	7	14	4	0	0	0	1	0	0	0	4	2	10	13	0	1	10	19	0	0	4	6	2	0	9	8	1							
Midlothian Turnhouse H	3	144	1013.6	-	9.9	1.2	10.5	85	6.6	0	1	4	17	7	1	0	2	0	0	0	2	3	6	12	5	0	0	10	15	5	3	6	0	0	2	8	6	0							
	9	144	1013.9	-	13.0	2.4	10.9	72	5.7	0	2	9	16	3	0	0	0	0	0	0	1	3	3	10	13	0	1	16	12	1	2	5	2	0	1	7	10	2							
	15	144	1013.6	-	15.7	3.8	11.0	62	5.9	0	2	8	15	5	0	0	0	0	0	0	0	2	6	10	12	0	3	16	9	2	2	6	1	0	0	8	11	0							
	21	144	1014.1	-	11.9	1.8	11.0	78	5.4	0	5	7	12	6	0	0	0	0	0	1	0	4	11	7	7	0	1	12	15	2	1	8	3	0	0	8	8	0							
6a SCOTLAND, W.																																													
Argyll Tiree ... H	3	34	1013.1	-	10.0	0.8	11.1	89	5.1	0	8	5	11	6	0	0	0	0	0	0	1	2	11	6	10	0	1	16	12	1	6	3	2	2	6	2	7	1							
	9	34	1013.5	-0.6	12.0	1.3	11.8	83	5.5	0	7	4	11	8	0	0	0	0	0	0	0	4	10	6	10	0	3	23	4	0	5	2	2	3	6	3	6	3							
	15	34	1013.9	-	13.0	1.7	12.0	80	5.6	0	3	8	12	7	0	0	0	0	0	0	0	7	7	6	10	0	2	24	4	0	7	0	2	1	6	5	6	3							
	21	34	1014.0	-	11.1	1.0	11.6	87	5.6	0	4	7	12	7	0	0	0	0	0	0	2	4	8	5	11	0	2	15	11	2	5	2	3	3	3	3	6	3							
Rhuvaal ... H	3	63	-	-	10.3	1.0	11.0	87	5.6	0	3	9	13	5	0	0	0	0	0	0	0	0	2	17	11	0	0	11	19	0	1	1	5	1	3	8	4	7							
	9	63	-	-	11.9	1.4	11.6	83	6.1	0	2	7	12	8	1	0	0	0	1	0	0	0	3	10	16	0	0	11	19	0	1	3	2	2	6	4	6	6							
	15	63	-	-	12.9	1.8	11.9	80	6.0	0	0	11	14	5	0	0	0	0	0	0	0	0	2	11	17	0	1	10	19	0	3	2	2	1	6	1	7	8							
	21	63	-	-	11.3	1.2	11.5	86	6.2	0	0	9	13	8	0	0	0	0	0	0	0	1	1	17	11	0	1	12	17	0	4	3	4	1	4	3	3	8							
Renfrew Renfrew ... H	3	29	1013.6	-	10.4	0.8	11.3	89	6.1	0	4	5	11	10	0	0	0	0	0	1	2	5	9	11	2	0	0	9	18	3	1	7	1	0	5	9	3	1							
	9	29	1014.0	-0.8	13.0	1.9	11.7	78	6.3	0	0	8	15	7	0	0	0	0	0	0	3	4	8	6	9	0	0	14	12	4	1	5	2	1	4	4	9	0							
	15	29	1013.8	-	15.6	2.9	12.4	70	6.4	0	0	7	18	5	0	0	0	0	0	1	1	6	6	7	9	0	0	19	9	2	1	4	2	1	4	8	8	0							
	21	29	1014.1	-	12.7	1.7	11.8	80	5.4	0	7	6	10	7	0	0	0	0	0	1	3	11	9	2	4	0	0	11	17	2	1	6	4	0	1	9	7	0							
Lanark Lowther Hill H	3	-	-	-	5.9	0.2	9.2	98	7.4	0	0	5	1	2	22	4	17	2	0	0	1	0	3	3	0	0	11	13	5	1	2	2	4	2	4	3	7	5							
	9	-	-	-	7.0	0.4	9.5	93	7.3	0	0	3	8	3	16	4	12	0	0	0	0	1	3	7	3	2	7	16	4	1	2	4	3	1	4	5	7	3							
	15	-	-	-	9.2	1.3	9.8	84	7.4	0	0	1	12	8	9	2	6	1	0	0	0	1	5	5	10	1	10	15	4	0	2	2	2	5	3	6	8	2							
	21	-	-	-	6.9	0.6	9.2	91	7.3	0	0	3	6	7	14	2	12	0	0	0	1	2	3	5	5	3	8	14	4	0	0	2	5	2	2	4	5	10							
Ayr Prestwick Airport H	3	69	1013.5	-	9.9	0.8	11.1	90	6.3	0	3	5	11	11	0	0	0	0	0	0	0	3	10	17	0	0	0	8	22	0	3	3	6	2	5	2	7	2							
	9	69	1014.0	-	12.8	1.8	11.8	79	6.3	0	0	8	16	6	0	0	0	0	0	1	1	4	6	11	7	0	1	15	14	0	0	5	2	4	4	7	8	0							
	15	69	1013.8	-	15.0	2.8	12.1	71	6.2	0	1	8	15	6	0	0	0	0	0	0	0	0	7	13	10	0	0	19	11	0	0	3	2	2	7	6	8	2							
	21	69	1014.1	-	12.0	1.4	11.8	84	6.0	0	2	7	16	5	0	0	0	0	0	0	0	2	6	19	3	9	9	16	12	2	0	2	4	1	5	1	12	3							
Dumfries Eskdalemuir Observatory H	3	778	1014.2	-	8.6	0.7	10.2	90	7.2	0	0	2	11	17	0	0	0	0	0	3	1	6	12	8	0	0	0	4	22	4	3	5	2	0	6	5	4	1							
	9	778	1014.4	-0.3	11.4	1.7	10.8	79	6.7	0	1	4	15	10	0	0	0	0	0	2	0	4	8	11	5	0	0	6	23	1	3	4	1	2	2	7	8	2							
	15	778	1014.2	-	14.0	2.9	11.1	70	6.8	0	0	4	16	10	0	0	0	0	0	0	2	1	5	15	7	0	0	12	18	0	3	2	5	1	6	3	10	0							
	21	778	1014.8	-	10.4	1.1	10.9	85	6.6	0	2	3	15	10	0	0	0	0	0	0	0	6	6	15	3	0	0	1	26	3	2	3	3	1	5	4	8	1							
Wigtown Mull of Galloway H	3	260	1014.1	-	9.9	0.5	11.4	92	6.3	0	3	5	11	9	2	0	2	0	0	0	0	4	6	18	0	9	5	16	9	0	8	1	4	2	3	8	3	1							
	9	260	1015.0	-	12.0	1.3	11.8	84	5.9	0	2	9	12	5	2	0	2	0	0	0	2	4	3	18	1	0	5	14	9	2	3	2	5	1	2	6	7	2							
	15	260	1015.1	-	13.3	1.9	11.9	79	5.5	0	2	10	14	4	0	0	0	0	0	0	1	5	7	15	2	1	10	11	8	0	4	1	2	4	2	10	2	5							
	21	260	1014.9	-	11.1	1.0	11.5	87	6.1	0	2	7	13	7	1	0	1	0	0	0	0	2	8	19	0	0	8	13	7	2	9	0	3	2	2	5	4	3							
6b ISLE OF MAN																																													
Isle of Man Ronaldsway H	3	68	1014.3	-	10.8	0.8	11.6	89	6.4	0	5	1	10	14	0	0	0	0	0	1	4	3	6	6	10	0	1	14	12	3	2	3	3	1	3	5	7	3							
	9	68	1015.0	-	12.6	1.6	12.0	82	6.0	0	2	7	15	6	0	0	0	0	0	0	3	0	12	5	10	0	1	21	7	1	3	2	3	3	4	6	6	2							
	15	68	1015.1	-	14.3	2.4	12.2	75	5.3	0	5	10	7	8	0	0	0	0	0	0	0	4	8	4	14	0	3	16	11	0	3	0	5	2	5	8	4	3							
	21	68	1015.2	-	11.9	1.4	11.7	84	5.6	0	5	7	11	7	0	0	0	0	1	0	1	2	10	7	9	0	2	16	10	2	5	2	4	0	2	6	6	3							
Point of Ayre H	3	30																																											
	9	30																																											
	15	30																																											
	21	30																																											
2 ENGLAND, N.E.																																													
Northumberland Acklington H	3	151	1013.6	-	9.6	0.7	10.9	90	6.2	1	3	3	14	8	1	0	1	1	0	0	2	4	5	12	5	0	0	10	16	4	5	3	1	1	2	8	5	1							
	9	151	1013.9	-	13.1	2.1	11.8	77	6.4	0	2	4	16	8	0	0	0	0	0	0	1	6	5	10	8	0	2	14	14	0	4	3	2	1	8	4	5	3							
	15	151	1013.9	-	15.0	3.1	11.7	69	6.0	0	1	11	10	8	0	0	0	0	0	0	1	3	6	6	14	0	1	19	10	0	5	6	0	6	0	8	5	0							
	21	151	1014.3	-	11.6	1.4	11.5	84	5.5	0	7	4	12	7	0	0	0	0	1	0	1	5	9	10	4	0	0	10	18	2	3	3	1	3	2	8	7	1							

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 1964

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount: No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
2 ENGLAND, N.E. —cont.		3	130	1013.9	-	10.8	1.1	11.2	86	6.6	0	1	5	13	11	0	0	0	0	0	1	0	3	14	12	0	0	1	15	14	0	3	4	0	3	3	4	10	3							
	Tynemouth H	9	130	1014.2	-1.0	12.7	2.1	11.3	77	6.4	0	1	8	8	13	0	0	0	0	0	1	3	6	9	11	0	0	1	18	10	1	6	3	0	2	5	1	9	3							
		15	130	1014.6	-	14.6	2.9	11.5	70	5.9	0	2	9	11	8	0	0	0	0	0	1	1	5	10	13	0	0	3	16	10	1	6	2	2	5	2	1	11	0							
		21	130	1014.5	-	12.9	2.0	11.6	78	6.2	1	3	4	10	12	0	0	0	0	0	1	2	8	8	11	0	0	1	14	14	1	5	2	2	1	3	4	12	0							
Durham	Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		21	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Yorks., N.Riding	Dishforth ... H	3	131	1014.4	-	10.4	0.7	11.6	91	6.1	0	4	5	10	10	1	0	1	0	0	1	3	7	7	5	6	0	0	5	23	2	6	3	1	2	3	3	7	3							
		9	131	1014.8	-	14.0	2.0	12.7	78	6.4	0	3	3	15	9	0	0	0	0	1	1	8	5	5	10	0	0	13	17	0	9	3	1	2	6	2	7	0							
		15	131	1014.7	-	16.3	3.1	13.0	70	6.4	0	2	4	15	9	0	0	0	0	0	0	6	6	5	13	0	1	17	12	0	6	3	3	1	2	4	10	1							
		21	131	1015.2	-	13.0	1.4	12.7	84	5.8	0	5	3	15	7	0	0	0	0	0	1	10	5	9	5	0	0	5	24	1	6	0	2	3	2	4	10	2							
Yorks., E. Riding	Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		9	210	1014.1	-	12.7	1.7	11.8	80	6.3	0	1	6	12	11	0	0	0	0	0	0	11	13	6	0	0	5	11	14	0	3	1	5	2	4	2	5	8							
		15	210	1014.4	-	14.6	2.6	12.0	73	6.0	0	4	6	8	12	0	0	0	0	0	1	7	17	5	0	0	4	10	16	0	3	4	4	1	6	4	4	4							
		21	210	1014.6	-	12.8	1.8	11.8	80	6.1	0	3	5	11	11	0	0	0	0	0	0	2	12	13	3	0	0	1	9	20	0	2	2	3	2	7	4	5	5							
	Leconfield H	3	28	1014.5	-	10.6	0.8	11.5	89	5.6	1	5	5	13	6	0	0	0	0	0	2	6	7	8	7	0	0	0	7	18	5	0	3	1	0	3	5	9	4							
		9	28	1014.9	-	14.3	2.2	12.6	77	6.7	0	0	5	17	8	0	0	0	0	0	0	2	4	14	4	6	0	0	17	12	1	2	4	0	1	4	5	7	6							
		15	28	1015.1	-	16.2	3.2	12.5	68	6.3	0	2	5	12	11	0	0	0	0	0	0	1	5	8	9	7	0	0	17	13	0	4	3	2	2	2	6	9	2							
		21	28	1015.4	-	12.7	1.5	12.2	83	5.4	0	5	8	12	5	0	0	0	0	0	1	2	7	11	5	4	0	0	8	21	1	4	2	2	1	5	3	11	1							
	Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Lincoln	Waddington H	3	227	1015.1	-	10.6	0.7	11.7	91	6.5	0	3	3	12	11	1	0	1	1	0	2	5	9	7	4	1	0	0	7	22	1	4	2	1	1	2	10	5	4							
		9	227	1015.4	-	13.9	1.9	12.7	80	6.4	0	0	8	11	11	0	0	0	0	0	0	14	7	9	0	0	0	11	19	0	5	2	1	1	3	6	8	4							
		15	227	1015.4	-	16.0	3.0	12.7	70	6.4	0	2	5	11	12	0	0	0	0	0	1	3	15	9	2	0	0	16	14	0	6	3	1	2	1	6	10	1							
		21	227	1015.9	-	12.9	1.4	12.6	84	5.6	1	5	4	13	7	0	0	0	0	0	3	10	13	2	2	0	0	9	20	1	4	2	1	3	5	6	6	2							
	Binbrook ... H	3	356	1014.6	-	10.4	0.8	11.5	90	6.0	1	2	6	12	8	1	0	1	0	1	0	4	13	9	2	0	0	0	8	22	0	1	3	1	1	6	6	7	5							
		9	356	1015.0	-	13.4	1.9	12.2	79	6.0	0	0	6	15	9	0	0	0	0	1	0	1	8	17	2	1	0	1	14	15	0	3	3	0	1	5	7	7	4							
		15	356	1015.1	-	15.3	2.8	12.4	72	6.9	0	2	2	12	14	0	0	0	0	1	0	0	8	14	3	4	0	0	18	12	0	4	2	3	3	1	6	10	1							
		21	356	1015.5	-	12.4	1.5	12.0	83	5.9	0	5	4	15	6	0	0	0	0	1	1	0	10	13	4	1	0	0	8	21	1	3	2	2	0	11	3	7	1							
	Manby ... H	3	47	1014.7	-	10.6	0.5	12.0	93	6.2	0	5	2	14	9	0	0	0	0	1	3	2	16	8	0	0	0	0	7	21	2	2	2	1	1	5	2	10	5							
		9	47	1015.2	-	14.5	2.0	13.0	79	6.6	0	1	4	15	10	0	0	0	0	0	0	1	11	16	2	0	0	0	10	20	0	4	2	1	2	4	3	10	4							
		15	47	1015.4	-	16.2	2.9	13.2	72	6.3	0	3	4	12	11	0	0	0	0	0	0	1	7	16	5	1	0	0	12	18	0	2	5	4	2	1	6	8	2							
		21	47	1015.8	-	12.1	0.8	12.8	90	5.4	0	7	6	11	6	0	0	0	0	0	1	1	13	14	0	1	0	0	4	26	0	3	2	1	4	8	2	8	2							
3 ENGLAND, E.		3	89	1015.1	-	10.6	0.6	12.0	93	5.8	2	2	6	9	11	0	1	0	0	1	2	5	16	5	0	0	0	1	4	21	4	1	2	2	1	10	3	5	2							
Norfolk	Marham H	9	89	1015.6	-	15.0	2.3	13.1	76	6.4	0	1	3	21	5	0	0	0	0	0	0	0	11	13	5	1	0	2	12	14	2	2	1	1	2	4	5	7	6							
		15	89	1015.6	-	17.1	3.4	13.1	67	6.3	0	1	9	10	10	0	0	0	0	0	0	0	6	17	4	3	0	0	20	9	1	6	1	1	2	2	7	9	1							
		21	89	1016.1	-	13.4	1.4	13.1	84	5.9	3	1	6	9	11	0	0	0	0	0	0	0	15	12	3	0	0	0	6	23	1	4	2	4	5	3	5	5	1							
	West Raynham H	3	263	1014.9	-	10.5	0.6	11.8	93	6.3	0	3	4	13	10	0	0	0	0	0	1	7	15	5	2	0	0	1	9	18	2	2	3	1	1	5	9	6	1							
		9	263	1015.2	-	14.5	2.1	13.0	78	6.2	0	2	4	19	5	0	0	0	0	0	0	0	10	6	11	3	0	2	14	14	0	2	4	1	1	3	7	9	3							
		15	263	1015.4	-	16.2	2.9	13.4	71	6.4	0	4	2	13	11	0	0	0	0	0	0	1	3	17	5	4	0	1	18	11	0	5	2	0	2	1	11	7	2							
		21	263	1015.8	-	12.5	1.1	12.7	87	5.7	0	5	5	11	9	0	0	0	0	0	0	2	10	11	5	2	0	0	8	20	2	2	4	2	6	2	7	4	1							
	Coltishall ... H	3	57	1014.8	-	10.9	0.7	12.0	91	5.6	1	4	7	9	9	0	0	0	0	0	4	6	11	8	1	0	0	1	4	18	7	2	1	2	3	2	8	4	1							
		9	57	1015.1	-	15.1	2.3	13.1	75	6.2	1	1	5	17	6	0	0	0	0	0	0	2	6	13	8	1	0	1	14	14	1	1	4	2	2	5	6	7	2							
		15	57	1015.4	-	16.8	3.4	12.9	67	6.2	0	3	3	16	8	0	0	0	0	0	0	4	12	14	0	0	0	0	13	17	0	5	2	4	1	2	7	8	1							
		21	57	1015.8	-	13.1	1.3	13.1	85	5.7	1	5	4	10	10	0	0	0	0	0	1	3	11	13	2	0	0	0	3	23	4	1	2	3	4	3	8	2	3							
	Gorleston H	3	26	1015.1	-	11.9	0.9	12.7	90	5.2	3	6	2	9	10	0	0	0	0	0	0	0	17	13	0	0	0	2	3	24	1	2	2	1	3	3	11	4	3							
		9	26	1015.6	-0.8	14.4	1.8	13.3	82	6.0	0	3	6	15	6	0	0	0	0	0	0	0	20	10	0	0	0	2	14	14	0	3	3	0	2	4	6	8	4							
		15	26	1016.0	-	15.3	2.3	13.3	77	5.9	0	4	5	15	6	0	0	0	0	0	0	0	15	15	0	0	0	0	10	20	0	7	4	1	4	1	3	7	3							
		21	26	1016.1	-	13.9	1.3	13.6	85	5.5	2	3	7	8	10	0	0	0	0	0	0	1	19	10	0	0	0	1	5	23	1	1	4	0	4	6	5	5	4							
Suffolk	Mildenhall H	3	39	1015.0	-	11.3	0.9	12.1	90	6.2	0	2	8	9	11	0	0	0	0	0	3	7	12	8	0	0	0	0	2	25	3	1	2	0	2	6	9	4	3							
		9	39	1015.6	-	15.3	2.5	13.0	74	6.3	0	2	5	14	9	0	0	0	0	0	0	3	6	13	7	1	0	0	4	25	1	3	0	3	2	2	5	11	3							
		15	39	1015.4	-	17.9	3.9	13.0	65	6.2	0	2	6	15	7	0	0	0	0	0	0	0	5	14	11	0	0	0	8	19	3	4	0	2	1	2	8	8	2							
		21	39	1016.1	-	13.9	1.5	13.3	84	5.9	1	5	1	13	10	0	0	0	0	0	0	2	11	12	5	0	0	0	0	27	3	6	1	3	2	4	5	4	2							
	Wattisham H	3	299	1015.3	-	10.2	0.3	12.1	96	5.4	0	5	8	9	8	0	0	0	0	2	2	8	8	9	1	0	0	1	3	25	1	1	3	2	1	5	10	4	3							
		9	299	1015.8	-	14.4	1.8	13.4	80	6.4	0	1	8	12	9	0	0	0	0	0	0	0	10	9	9	2	0	0	15	15	0	4	2	0	2	4	5	10	3							
		15	299	1015.6	-	16.7	2.9	13.8	72	6.5	0	1	6	16	7	0	0	0	0	0	0	1	7	10	10	2	0	1	13	16	0	5	1	2	2	6	4	8	2							
		21	299	1016.3	-	12.6	0.9	13.2	89	5.3	0	8	3	11	8	0	0	0	0	0	0	4	13	9	4	0	0	0	4	25	1	3	2	2	3	6	7	5	1							
	Aldeburgh H	3	35	1015.8	-	12.1	0.9	12.8	89	5.2	4	5	4	2	15	0	0	0	0	0	0	0	15	15	0	0	0	2	1	27	0	4	1	1	1	5	7	8	3							
		9	35	1016.3	-	15.4	2.4	13.3	77	6.3	0	2	7	8	13	0	0	0	0	0	0	1	13	16	0	0	0	1	5	24	0	5	3	0	1	8	5	5	3							
		15	35	1016.3	-	16.5	2.9	13.4	72	6.1	1	2	5	10	12	0	0	0	0	0	0	0	10	20	0	0	0	1	7	22	0	4	4	2	1	9	4	4	2							
		21	35	1016.6	-	14.2	1.5	13.9	84	5.0	4	4	6	4	12	0	0	0	0	0	0	0	12	18	0	0	0	1	2	27	0	4	2	2	0	9	9	3	1							
Huntingdon	Wyton ... H	3	141	1015.2	-	11.3	0.8	12.1	89	5.9	0	3	7	10	10	0	0	0	0	2	1	10	8	9	0	0	0	0	6	24	0	1	3	1	2	3	12	3	5							
		9	141	1015.8	-	14.6	2.3	12.6	76	6.6	1	1	2	17	9	0	0	0	0	0	1	2	6	13	7	1	0	0	17	11	2	4	1	1	1	3	6	8	4							
		15	141	1015.5	-	17.4	3.6	13.0	66	6.5	0	3	2	14	11	0	0	0	0	0	0	3	5	11	8	3	0	0	14	15	1	6	1	2	1	3	6	8	2							
		21	141	1016.2	-	14.0	1.7	13.0	81	6.2	0	4	4	11	11	0	0	0	0	0	1	4	10	9	6	0	0	0	5	22	3	5	1	1	3	4	7	4	1							
Bedford	Cardington H	3	96	1015.4	-	10.7	0.5	12.1	94	6.3	0	1	8	14	7	0	0	0	0	1	2	7	13	6	1	0	0	0	4	22	4	2	1	1	1	4	10	5	2							
		9	96	1015.9	-	14.9	2.2	13.0	76	6.5	0	1	5	16	8	0	0	0	0	0	0	2	9	10	9	0	0	0	9	20	1	4	3	1	1	4	7	7	2							
		15	96	1015.6	-	17.4	3.4	13.3	67	6.4	0	2	3	20	5	0	0	0	0	0	0	0	6	14	10	0	0	0	10	17	3	4	1	3	1	3	6	9	0							
		21	96	1016.3	-	13.4	1.3	13.2	85	5.5	1	5	5	10	9	0	0	0	0	0	0	1	11	14	4	0	0	0	4	25	1	4	2	1	2	7	5	7	1							
Hertford	Bovingdon H	3	517	1015.7	-	10.5	0.6	11.8	92	6.5	0	3	4	11	11	1	0	1	0	1	1	7	8	11	1	0	0	0	5	20	5	2	1	2	0	4	6	6	4							
		9	517	1016.2	-	13.9	2.3	12.0	75	6.5	0	2	4	15	9	0	0	0	0	0	0	1	8	16	5	0	0	0	14	14	2	3	2	0	3	2	4	10	4							
		15	517	1015.7	-	16.5	3.3	12.6	67	6.4	0	2	6	12	10	0	0	0	0	0	0	1	5	16	6	2	0	0	14	15	1	4	0	3	2	2	5	8	5							
		21	517	1016.7	-	13.0	1.6	12.4	82	5.8	1	4	5	10	10	0	0	0	1	0	0	2	12	8	7	0	0	0	4	22	4	4	4	2	0	5	1	8	2							
Essex	Stansted H	3	334	1015.5	-	10.7	0.5	12.3	94	5.5	0	6	5	10	9	0	0	0	0	0	2	6	10	9	2	1	0	0	3	19	8	1	2	2	1	2	7	4	3							
		9	334	1016.1	-	14.5	2.0	13.1	79	6.2	0	1	8	12	9	0	0	0	0	0	0	1	8	7	10	4	0	0	12	18	0	4	1	2	1	4	7	9	2							
		15	334	1015.7	-	17.0	2.8	14.0	73	6.3	0	2	4	15	9	0	0	0	0	0	0	0	4	8	9	9	0	0	12	16	2	4	3	1	0	4	6	8	2							
		21	334	1016.5	-	13.3	1.3	13.2	86	5.8	0	4	8	7	11	0	0	0	0	0	2	2	11	3	9	3	0	0	4	21	5	3	1	2	4	3	4	7	1							
	Shoeburyness H	9	17	1016.6	-0.6	15.5	2.1	13.9	79	5.8	0	4	5	12	9	0	0	0	0	0	0	6	13	6	4	1	0	1	7	21	1	3	2	1	2	6	6	8	1							
		15	17	1016.3	-	17.5	2.9	14.5	73	6.2	0	3	4	16	7	0	0	0	0	0	0	1	9	10	7	3	0	1	7	21	1	2	2	5	3	5	5	3	4							
		21	17	1017.0	-	14.4	1.2	14.2	87	5.4	0	7	6	9	8	0	0	0	0	0	0	3	15	8	3	1	0	0	5	25	0	1	3	1	3	6	8	4	4							
	Walton-on-Naze ... H	3	21	1015.5	-	12.2	0.9	12.9	90	5.2	3	4	7	5	11	0	0	0	0	0	0	2	22	6	0	0	0	1	6	22	1	2	2	2	2	1	2	12	6							
		9	21	1016.0	-	15.1	2.2	13.3	77	5.6	1	3	10	7	9	0	0	0	0	0	0	4	20	6	0	0	0	1	11	18	0	2	2	2	2	3	5	9	5							
		15	21	1015.8	-	16.8	2.9	13.7	72	5.7	0	4	8	11	7	0	0	0	0	0	0	1	21	8	0	0	1	0	13	16	0	1	1	5	0	6	5	7	5							
		21	21	1016.2	-	14.3	1.5	13.6	83	5.2	1	5	8	6	10	0	0	0	0	0	1	0	13	14	2	0	0	1	8	21	0	1	4	2	3	4	4	9	3							
4 MIDLAND COUNTIES		3	769	1014.4	-	9.2	0.9	10.4	88	5.5	1	4	11	0	14	0	0	2	0	0	2	5	12	4	4	1	0	0	9	20	1	0	6	0	2	7	3	6	5							
Yorks, W.R.	Huddersfield Oakes H	9	769	1014.6	-	12.6	1.8	11.7	80	6.6	0	0	6	12	12	0	0	0	0	1	1	5	11	3	8	1	0	1	7	22	0	1	4	1	2	9	2	7	4							
		15	769	1014.6	-	14.7	2.9	11.8	71	6.0	0	2	9	10	9	0	0	0	0	0	1	1	10	1	15	2	0	0	9	21	0	2	4	0	1	5	7	9	2							
		21	769	1015.3	-	11.4	1.3	11.5	85	5.3	2	4	8	4	12	0	0	0	0	0	1	6	8	7	6	2	0	0	5	23	2	4	3	1	1	2	4	11	2							

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
4 MIDLAND COUNTIES —cont.																																												
Nottingham Watnall ... H	3	390	1014.9	-	10.2	0.5	11.7	93	6.2	0	1	8	12	9	0	0	0	0	0	5	6	13	5	1	0	0	0	3	22	5	0	2	2	0	1	8	6	6
	9	390	1015.4	-	13.7	1.9	12.4	78	6.9	0	0	4	12	14	0	0	0	0	0	1	4	9	10	6	0	0	0	8	21	1	3	2	2	4	4	7	5
	15	390	1015.2	-	15.9	2.9	12.9	71	6.8	0	1	5	16	0	0	0	0	0	0	0	2	8	11	9	0	0	0	6	23	1	4	3	3	0	1	4	11	3
	21	390	1015.8	-	12.8	1.5	12.3	83	5.9	0	3	7	10	10	0	0	0	0	2	0	5	11	11	1	0	0	0	0	24	6	2	1	2	1	2	4	8	4
	3	46	1014.7	-	10.9	0.8	11.8	89	5.8	0	4	6	14	6	0	0	0	0	1	3	7	7	10	0	2	0	0	4	24	2	4	1	0	1	7	2	8	5
Finningley H	9	46	1015.1	-	14.6	2.2	12.9	77	6.8	0	1	3	18	8	0	0	0	0	0	0	2	9	10	7	2	0	0	17	12	1	8	1	0	3	3	4	7	3
	15	46	1015.1	-	16.6	3.2	12.9	69	6.6	0	3	3	11	13	0	0	0	0	0	0	0	9	12	7	2	0	1	20	9	0	9	1	1	2	0	6	8	3
	21	46	1015.5	-	13.6	1.6	12.9	82	5.8	1	2	6	15	6	0	0	0	0	0	3	16	10	1	0	0	0	0	7	23	0	3	2	1	4	5	3	10	2
Northampton Wittering H	3	219	1015.2	-	10.6	0.6	11.9	92	6.1	0	2	7	11	10	0	0	0	0	0	2	8	8	10	2	0	0	1	6	21	2	3	2	0	2	3	6	10	2
	9	219	1015.7	-	14.3	2.1	12.2	77	6.9	0	0	5	13	12	0	0	0	0	0	0	1	5	11	10	3	0	1	12	16	1	3	3	0	2	4	4	9	4
	15	219	1015.3	-	16.4	3.0	12.9	69	6.3	0	2	5	13	10	0	0	0	0	0	0	1	3	9	15	2	0	0	15	15	0	5	1	2	2	4	7	7	2
	21	219	1016.1	-	13.3	1.4	12.9	84	6.0	0	4	5	10	11	0	0	0	0	0	0	2	7	7	14	0	0	0	4	25	1	5	3	1	1	6	6	5	2
	9	542	1015.9	-	13.3	2.3	11.3	74	6.1	0	2	6	14	8	0	0	0	0	0	3	1	5	15	6	0	0	0	11	17	2	4	2	0	3	4	6	4	5
	15	542	1015.6	-	15.5	3.2	11.8	68	6.6	0	1	5	13	11	0	0	0	0	0	1	1	6	10	5	7	0	0	9	21	0	3	1	1	2	5	4	7	7
Warwick Edgbaston H	21	542	1016.2	-	13.6	2.1	12.0	77	5.7	0	6	4	11	9	0	0	0	0	0	0	5	11	12	2	0	0	0	2	28	0	5	2	0	2	5	7	3	6
	3	362	1015.3	-	10.5	0.7	11.6	91	6.1	1	3	3	14	9	0	0	0	0	0	3	4	9	12	2	0	0	0	3	20	7	2	2	1	2	4	4	5	3
	9	362	1015.6	-	13.8	2.5	11.6	73	6.9	0	0	3	17	10	0	0	0	0	0	0	1	6	18	5	0	0	0	14	15	1	5	2	0	4	4	5	5	4
Elmdon ... H	15	362	1015.4	-	15.9	3.3	12.1	68	6.8	0	0	5	13	12	0	0	0	0	0	1	1	6	12	10	0	0	0	16	14	0	4	2	0	3	2	8	4	7
	21	362	1016.1	-	13.5	2.0	12.0	77	5.5	0	3	7	14	6	0	0	0	0	0	0	5	9	13	3	0	0	0	4	23	3	1	2	2	0	8	6	2	6
	3	249	1015.1	-	10.6	0.8	11.5	89	6.4	0	3	3	15	9	0	0	0	0	0	0	5	7	9	9	0	0	0	3	23	4	3	1	1	2	5	7	5	2
	9	249	1015.7	-	13.8	2.1	12.2	77	6.6	0	1	6	16	7	0	0	0	0	0	0	2	7	7	8	6	0	0	14	14	2	5	1	1	2	5	5	4	5
Shropshire Shawbury H	15	249	1015.4	-	16.2	3.4	12.2	67	6.6	0	0	6	14	10	0	0	0	0	0	0	1	3	9	9	8	0	0	21	9	0	7	1	0	2	6	8	4	2
	21	249	1016.1	-	12.5	1.5	12.0	82	6.0	0	2	5	18	5	0	0	0	0	0	0	2	6	6	12	4	0	0	2	28	0	6	1	2	1	6	4	5	5
	3	117	1015.7	-	11.0	0.8	12.0	91	6.3	1	3	2	13	11	0	0	0	0	0	3	2	13	9	2	1	0	0	4	20	6	4	2	1	1	3	9	4	0
	9	117	1016.2	-	14.4	2.4	12.2	74	6.8	0	1	3	16	10	0	0	0	0	0	1	0	6	10	6	7	0	1	17	9	3	4	2	1	1	4	6	5	4
Worcester Pershore ... H	15	117	1015.6	-	17.1	3.7	12.6	66	6.6	0	1	4	17	8	0	0	0	0	0	0	1	5	6	7	11	0	1	15	14	0	4	3	1	2	2	3	10	5
	21	117	1016.4	-	13.9	1.9	12.7	79	5.6	0	6	4	9	11	0	0	0	0	0	0	1	6	10	10	3	0	0	6	21	3	3	3	1	1	6	6	4	3
	9	226	1015.8	-1.2	14.2	2.4	12.1	75	6.4	0	2	4	13	11	0	0	0	0	0	0	0	10	9	9	2	0	0	2	28	0	6	3	1	0	3	12	3	2
	15	226	1015.4	-	16.9	3.5	12.7	66	6.6	0	1	6	12	11	0	0	0	0	0	0	0	10	9	9	2	0	0	10	20	0	4	3	3	0	5	4	8	3
Hereford Ross-on-Wye H	21	226	1016.3	-	13.6	1.7	12.6	81	5.3	0	8	4	10	8	0	0	0	0	0	0	3	7	4	13	3	0	0	2	24	4	4	3	1	1	3	8	4	2
	3	197	1015.4	-	11.7	0.6	12.8	91	6.1	0	5	3	10	12	0	0	0	0	0	0	6	13	10	1	0	0	0	1	21	8	4	1	1	2	3	7	3	1
	9	197	1016.1	-	14.3	1.9	12.9	79	6.6	0	0	6	14	10	0	0	0	0	0	0	6	3	10	7	4	0	0	7	22	1	6	2	1	4	2	8	4	2
Gloucester Filton ... H	15	197	1015.7	-	16.8	3.1	13.3	70	6.1	0	2	8	11	9	0	0	0	0	0	0	2	6	5	9	8	0	1	13	16	0	4	1	1	1	3	9	9	2
	21	197	1016.5	-	13.8	1.4	13.4	84	5.8	0	5	4	10	11	0	0	0	0	0	0	5	8	11	3	3	0	0	2	27	1	7	0	1	2	3	9	7	0
	3	79	1016.3	-	12.0	1.1	12.4	88	6.1	0	4	2	15	9	0	0	0	0	0	3	3	6	9	8	1	0	0	3	23	4	3	1	0	2	6	9	2	3
	9	79	1016.4	-	14.9	2.6	12.4	72	6.7	0	1	4	14	11	0	0	0	0	0	0	3	4	12	7	4	0	0	11	16	3	4	2	0	1	7	7	0	6
Gloucester H	15	79	1015.9	-	17.9	4.2	12.5	62	6.7	0	1	3	19	7	0	0	0	0	0	0	0	7	3	12	8	0	0	15	15	0	6	2	0	3	2	10	2	5
	21	79	1016.7	-	14.6	2.1	12.9	77	5.6	0	6	3	14	7	0	0	0	0	0	0	1	7	11	5	6	0	0	3	25	2	3	4	2	2	5	9	2	1
	3	751	1015.7	-	10.2	0.4	11.9	94	6.4	1	3	3	9	12	2	0	0	2	0	1	10	8	5	4	0	0	0	3	25	2	3	2	1	2	6	6	5	3
	9	751	1016.1	-	13.2	1.9	12.1	79	6.6	0	2	2	18	7	1	0	0	0	1	0	2	7	12	5	3	0	0	15	14	1	4	2	2	1	2	9	4	5
Little Rissington H	15	751	1015.6	-	15.7	2.9	12.6	71	6.6	0	2	3	13	12	0	0	0	0	0	1	1	5	11	9	3	0	0	13	16	1	3	3	1	3	2	6	7	4
	21	751	1016.6	-	12.6	1.3	12.6	85	5.5	0	6	5	10	9	0	0	0	0	1	1	2	6	9	9	2	0	1	5	24	0	4	5	1	1	4	7	6	2
5 ENGLAND, S.E.																																												
	3	86	1015.5	-	11.8	0.9	12.5	89	6.2	1	2	3	15	9	0	0	0	1	0	1	2	9	13	4	0	0	0	2	25	3	2	2	1	2	5	5	5	5
	9	86	1016.2	-	14.9	2.4	12.6	75	6.2	1	3	4	11	11	0	0	0	0	0	1	1	5	9	13	1	0	0	10	20	0	5	0	3	2	2	8	10	0
Middlesex London (Heathrow) Airport H	15	86	1015.7	-	18.3	4.2	12.9	62	6.0	0	2	8	12	8	0	0	0	0	0	0	0	7	3	17	3	0	0	15	13	2	3	1	2	1	5	4	8	4
	21	86	1016.4	-	15.0	2.2	13.1	77	5.6	1	5	4	13	7	0	0	0	0	0	0	3	6	12	8	1	0	0	5	25	0	4	2	2	2	6	3	9	2
	9	34	1016.4	-0.8	15.4	2.9	12.2	70	6.4	1	1	5	10	13	0	0	0	0	0	1	1	7	4	12	5	0	0	9	19	2	3	3	2	1	4	6	9	0
Surrey Kew Observatory H	15	34	1015.8	-	18.5	4.3	12.7	60	6.5	0	1	4	17	8	0	0	0	0	0	0	0	6	4	13	7	0	1	13	14	2	3	2	3	2	3	6	4	5
	21	34	1016.6	-	15.1	2.5	12.7	75	5.5	1	6	4	12	7	0	0	0	0	0	0	1	9	6	12	2	0	0	2	27	1	3	4	1	2	6	4	7	2
	3	195	1015.8	-	10.4	0.4	12.3	96	5.1	1	9	3	4	13	0	0	0	2	1	1	6	10	8	2	0	0	0	2	19	9	2	2	2	0	5	3	2	5
	9	195	1016.5	-	15.1	2.4	12.9	75	6.0	0	3	5	14	8	0	0	0	0	0	1	0	8	10	11	0	0	0	6	24	0	3	4	2	1	4	8	7	1
Gatwick H	15	195	1016.0	-	17.7	3.4	13.7	68	6.0	0	3	7	12	8	0	0	0	0	0	0	2	6	6	16	0	0	0	13	17	0	4	2	2	1	1	11	5	4
	21	195	1016.7	-	13.7	1.4	13.4	85	5.6	0	5	5	14	6	0	0	0	0	0	0	2	13	10	5	0	0	0	0	29	1	3	2	1	1	6	6	8	2
	3	34	1015.9	-	12.1	0.5	13.5	95	5.7	1	6	4	5	14	0	0	0	0	0	0	2	4	21	3	0	0	1	4	21	4	4	2	0	1	3	8	6	2
Kent Deal ... H	9	34	1016.4	-	15.2	1.8	14.0	81	6.1	0	3	5	10	12	0	0	0	0	0	0	2	15	9	4	0	0	1	4	22	3	3	1	1	3	5	3	6	5
	15	34	1016.6	-	16.9	2.1	15.	79	5.4	1	3	8	12	6	0	0	0	0	0	0	1	12	14	2	1	0	1	12	17	0	2	5	1	3	2	11	3	3
	21	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3	148	1015.6	-	11.6	0.7	12.6	91	5.2	5	3	4	7	11	0	0	0	0	0	2	0	7	14	7	0	0	0	7	21	2	4	3	1	2	4	6	6	2
	9	148	1016.4	-	15.0	2.1	13.3	77	5.9	2	2	4	14	8	0	0	0	0	0	0	3	7	12	8	0	0	0	11	19	0	3	2	1	5	3	5	7	4
Manston ... H	15	148	1016.1	-	17.2	3.4	13.2	68	5.6	0	4	7	16	3	0	0	0	0	0	1	0	5	13	11	0	0	2	12	16	0	2	4	3	2	3	7	4	5
	21	148	1016.7	-	13.5	1.2	13.5	87	5.2	0	8	6	6	10	0	0	0	0	0	0	2	10	12	6	0	0	0	3	26	1	2	4	3	4	4	10	2	0
	3	35	1015.9	-	11.8	0.5	13.2	94	5.6	2	5	5	5	13	0	0	0	0	1	0	2	15	8	4	0	0	0	4	19	7	2	4	2	0	1	2	7	5
	9	35	1016.8	-	15.2	2.0	13.7	79	5.8	1	4	4	11	10	0	0	0	0	0	0	1	6	9	9	5	0	0	3	25	2	3	2	2	2	5	1	11	2
Sussex Thorney Island H	15	35	1016.5	-	17.4	2.9	14.2	72	5.6	0	5	7	9	9	0	0	0	0	0	0	1	5	6	9	9	0	0	0	10	20	0	1	1	3	0	8	7	6	4
	21	35	1017.0	-	14.3	1.2	14.3	87	5.4	1	7	5	7	10	0	0	0	0	0	0	3	6	16	2	3	0	0	3	24	3	4	2	4	1	2	3	7	4
	9	133	1016.7	-	15.1	2.0	13.5	79	6.0	1	3	5	11	10	0	0	0	0	0	0	1	9	10	8	2	0	0	4	26	0	3	0	5	0	4	3	13	2
East Hoathly H	15	133	1016.4	-	16.9	2.7	14.1	74	5.9	0	4	7	12	7	0	0	0	0	0	0	1	7	14	8	0	0	0	12	17	1	4	1	2	2	5	9	6	0
	21	133	1017.0	-	12.9	0.7	13.7	91	5.6	1	4	6	13	6	0	0	0	0	0	2	3	9	10	5	1	0	0	0	21	9	2	2	6	2	6	1	2	0
	9	24	1016.7	-	15.0	2.3	12.9	77	5.3	2	2	11	6	9	0	0	0	0	0	0	1	16	13	0	0	0	0	9	15	6	6	0	3	0	3	2	8	2
Eastbourne Coastguard H	15	24	1016.7	-	16.7	2.9	13.7	71	5.6	0	0	16	7	7	0	0	0	0	0	0	0	14	16	0	0	0	2	17	9	2	3	1	4	1	3	1	15	0
	21	24	1016.8	-	14.3	1.7	13.3	82	5.6	1	1	10	12	6	0	0	0	0	0	0	0	20	10	0	0	0	2	10	9	9	0	1	3	0	2	3	12	0
	3	234	1015.8	-	10.9	0.6	12.2	92	6.0	0	3	8	6	11	2	0	1	0	1	1	11	8	8	0	0	0	0	4	11	15	1	2	2	2	0	3	3	2
	9	234	1016.4	-	14.8	2.3	12.8	76	6.3	0	0	7	14	9	0	0	0	0	1	0	1	8	7	13	0	0	0	11	17	2	4	1	2	1	3	6	8	3
Berkshire Abingdon H	15	234	1015.9	-	17.9	3.9	13.1	65	6.6	0	1	4	17	8	0	0	0	0	0	0	1	7	6	16	0	0	0	14	16	0	3	1	3	1	8	3	6	5
	21	234	1016.7	-	13.9	1.7	12.9	80	5.5	1	4	7	10	8	0	0	0	0	0	0	4	7	8	11	0	0	0	4	23	3	5	4	0	2	4	5	6	1
	3	46	1016.0	-	11.3	0.6	12.6	93	5.5	2	5	3	10	9	1	0	1	0	1	1	1	10	11	5	0	0	0	4	16	10	1	1	3	0	2	3	6	4
	9	46	1016.8	-	15.1	2.2	13.3	78	6.3	0	3	4	12	11	0	0	0	0	0	0	2	6	6	15	1	0	0	6	24	0	6	2	2	1	4	4	9	2
Hampshire Hurn ... H	15	46	1016.4	-	17.1	3.1	13.6	70	6.1	0	3	5	14	8	0	0	0	0	0	1	1	6	4	11	7	0	0	16	14	0	2	1	1	3	6	8	5	4
	21	46	1017.1	-	14.0	1.3	13.7	85	5.4	0	6	6	11	7	0	0	0	0	0	1	4	8	6	11	0	0	0	4	22	4	2	1	2	1	2	4	7	7
	3	231	1015.8	-	11.2	0.6	12.4	92	5.6	0	6	7	4	13	0	0	0	0	0	3	5	9	7	6	0	0	0	3	19	8	1	2	2	3	1	4	6	3
	9	231	1016.5	-0.7	14.6	2.2	12.7	76	6.2	0	3	5	10	12	0	0	0	0	0	0	1	6	7	8	8	0	0	9	19	2	2	4	2	1	3	8	7	1
S. Farnborough H	15	231	1015.9	-	17.8	3.8	13.0	65	6.1	0	3	7	11	9	0	0	0	0	0	1	0	7	3	4	15	0	0	14	13	3	3	0	3	1	3	6	7	4
	21	231	1016.8	-	14.2	1.7	13.3	82	5.4	2	3	7	9	9	0	0	0	0	0	0	7	5	5	9	4	0	0	2	26	2	5	1	2	2	6	2	9	1
	3	489	1015.7	-	10.8	0.6	12.2	93	6.7	0	2	3	11	14	0	0	0	0	0	0	6	16	5	2	1	0	1	2	25	2	1	3	2	1	8	8	3	2
	9	489	1016.4	-	13.4	1.6	12.7	82	6.7	0	1	5	13	10	1	0	0	1	0	0	3	5	10	8	3	0	0	11	18	1	4	3	1	0	5	6	8	2
Wiltshire Lyneham H	15	489	1015.9	-	16.3	3.0	12.9	70	6.3	0	2	5	17	6	0	0	0	0	0	0	2	4	8	7	9	0	0	21	9	0	4	3	1	0	7	6	7	2
	21	489	1016.7	-	13.1	1.4	12.8	84	5.5	0	7	4	12	7	0	0	0	0	0	0	3	10	5	11	1	0	0	6	24	0	5	3	1	2	6	5	6	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
5 ENGLAND, S.E. —cont.																																												
Boscombe Down H	3	419	1016.0	-	10.7	0.5	12.1	93	6.0	1	5	2	7	14	1	0	2	0	1	0	5	15	6	1	0	0	0	2	20	8	1	2	3	1	4	4	3	4
	9	419	1016.5	-	14.5	2.0	12.9	78	5.9	0	4	6	11	9	0	0	0	0	1	0	0	5	8	9	7	0	0	6	21	3	6	1	1	2	4	4	6	3
	15	419	1016.2	-	17.2	3.4	13.3	68	6.1	0	2	7	15	6	0	0	0	0	0	0	2	3	6	15	4	0	0	12	18	0	5	1	1	1	5	5	8	4
	21	419	1017.0	-	13.1	1.2	13.1	86	5.5	2	4	5	11	8	0	0	0	0	0	0	4	6	9	10	1	0	0	2	22	6	4	1	2	1	5	1	8	2
Upavon ... H	9	582	1016.1	-	13.7	1.5	13.2	84	6.5	0	0	8	12	10	0	0	0	0	1	0	1	7	12	5	4	0	0	11	16	3	6	1	1	1	7	5	6	0
	15	582	1015.7	-	16.3	2.6	13.7	75	6.2	0	4	2	16	8	0	0	0	0	0	0	3	4	5	14	4	0	1	15	11	3	5	1	2	1	5	4	8	1
	21	582	1016.6	-	12.8	1.0	13.1	88	5.9	0	5	5	9	11	0	0	0	0	0	2	1	9	10	7	1	0	1	3	21	5	5	2	1	2	3	3	4	5
7a ENGLAND, N.W.																																												
Cumberland Carlisle ... H	3	92	1014.6	-	10.3	1.1	10.9	86	6.7	0	2	3	16	9	0	0	0	0	0	0	0	8	9	12	1	0	0	5	22	3	3	4	1	1	3	10	5	0
	9	92	1015.0	-	13.0	2.2	11.3	75	6.5	0	1	4	19	6	0	0	0	0	0	0	2	11	8	9	0	0	11	18	1	4	5	0	1	4	9	6	0
	15	92	1014.9	-	15.5	3.5	11.5	65	6.4	0	0	7	16	7	0	0	0	0	0	0	1	3	3	11	12	0	0	16	14	0	1	4	3	1	1	11	8	1
	21	92	1015.2	-	12.3	1.7	11.5	79	6.0	0	2	7	14	7	0	0	0	0	0	0	0	5	12	6	7	0	0	5	23	2	2	2	5	0	1	7	10	1
Lancashire Squires Gate H	3	35	1014.5	-	11.2	0.9	11.9	89	6.6	0	2	3	14	11	0	0	0	0	0	0	4	6	9	8	3	0	1	14	14	1	3	0	6	4	3	1	8	4
	9	35	1015.2	-	13.8	1.8	12.8	81	6.7	0	1	4	14	11	0	0	0	0	0	0	1	6	13	8	2	0	1	15	13	1	1	3	1	3	4	3	9	5
	15	35	1015.3	-	15.1	2.2	13.2	77	6.2	0	3	3	16	8	0	0	0	0	0	0	0	3	9	12	6	0	1	18	11	0	1	2	1	3	1	4	10	8
	21	35	1015.4	-	12.8	1.1	12.9	87	6.1	0	5	3	13	9	0	0	0	0	0	1	4	5	13	6	1	0	1	14	14	1	4	0	2	2	1	3	10	7
Cheshire Ringway H	3	85	1014.9	-	11.7	1.4	11.6	83	6.4	0	2	3	16	9	0	0	0	0	0	0	1	7	16	6	0	0	1	10	15	4	3	1	2	4	5	2	6	3
	9	85	1015.4	-	14.1	2.4	11.9	74	6.7	0	1	4	15	10	0	0	0	0	0	0	2	9	8	10	1	0	0	14	15	1	0	1	1	5	4	4	10	4
	15	85	1015.5	-	16.0	3.5	11.8	65	6.4	0	2	4	16	8	0	0	0	0	0	0	0	7	8	8	7	0	0	20	10	0	2	2	1	4	3	3	8	7
	21	85	1015.7	-	13.7	2.0	12.3	78	5.9	0	5	2	16	7	0	0	0	0	0	0	2	11	9	8	0	0	0	10	20	0	5	0	2	3	2	4	9	5
	3	251	1014.6	-	10.9	1.2	11.1	84	6.5	0	4	0	16	10	0	0	0	0	0	2	5	9	12	2	0	0	1	1	21	7	1	1	2	1	10	1	5	2
	9	251	1015.1	-	13.4	2.5	11.1	71	6.8	0	1	3	12	14	0	0	0	0	0	0	4	10	11	4	1	0	1	9	19	1	1	2	2	2	5	4	10	3
	15	251	1015.0	-	15.6	3.9	10.9	62	6.7	0	1	4	15	10	0	0	0	0	0	0	2	8	10	6	4	0	1	11	18	0	6	1	1	1	6	4	5	6
	21	251	1015.5	-	13.1	2.1	11.6	77	6.2	0	5	2	13	10	0	0	0	0	0	0	3	12	14	1	0	0	0	3	24	3	3	1	2	0	6	4	6	5
7b NORTH WALES																																												
Anglesey Valley ... H	3	36	1014.7	-	11.2	0.7	12.3	92	6.0	0	6	2	9	13	0	0	0	0	1	0	0	7	11	10	1	0	3	14	9	4	3	1	2	2	10	2	4	2
	9	36	1015.6	-0.5	13.2	1.4	12.7	84	6.6	0	2	4	11	13	0	0	0	0	0	0	2	2	10	12	4	0	4	14	12	0	3	4	2	2	8	5	3	3
	15	36	1015.5	-	14.5	1.9	13.2	79	6.2	0	2	6	14	8	0	0	0	0	0	0	0	1	7	13	9	0	5	15	10	0	4	2	2	1	9	7	1	4
	21	36	1015.8	-	12.3	0.9	12.8	89	6.3	0	3	4	13	9	1	0	0	0	1	0	1	4	7	9	8	0	2	14	12	2	6	0	4	0	10	4	3	1
8a SOUTH WALES																																												
Cardigan Aberporth H	3	382	1015.2	-	11.3	0.8	12.1	89	6.6	0	3	4	9	14	0	0	0	0	0	0	0	5	16	8	1	0	0	15	11	4	1	0	3	2	9	4	3	4
	9	382	1015.8	-	12.8	1.5	12.3	83	6.7	0	2	1	15	12	0	0	0	0	1	1	0	4	11	11	2	0	0	21	9	0	4	0	4	1	4	5	6	6
	15	382	1016.0	-	14.5	2.2	12.6	76	6.3	0	2	4	17	7	0	0	0	0	0	0	0	4	7	13	6	0	1	21	8	0	2	1	1	2	6	5	6	7
	21	382	1016.3	-	12.2	1.1	12.5	87	6.2	0	1	8	11	10	0	0	0	0	0	0	1	6	8	8	7	0	0	11	15	4	2	1	2	2	5	8	4	2
Glamorgan Mumbles Head H	3	123	1015.5	-	12.3	0.8	12.9	89	5.7	1	4	6	9	10	0	0	0	0	0	0	0	8	18	4	0	0	1	18	11	0	5	2	2	2	4	5	5	5
	9	123	1016.1	-	13.6	1.7	12.8	81	5.8	0	1	11	9	9	0	0	0	0	0	1	0	8	15	6	0	1	2	18	9	0	4	2	3	4	2	6	6	3
	15	123	1016.0	-	14.9	2.0	13.3	78	5.6	1	2	9	9	9	0	0	0	0	0	0	1	7	15	6	1	0	6	20	4	0	3	1	3	1	3	7	10	2
	21	123	1016.9	-	13.6	1.4	13.3	81	5.9	0	4	4	13	9	0	0	0	0	0	0	0	11	12	7	0	0	1	18	10	1	1	1	2	2	3	5	9	6
Rhoose ... H	3	225	1015.5	-	11.4	0.5	12.8	94	6.4	0	3	3	14	9	1	0	0	0	0	4	2	7	8	6	3	0	1	5	23	1	4	3	3	2	2	2	8	5
	9	225	1016.3	-	14.1	1.7	13.2	82	6.3	0	1	6	17	6	0	0	0	0	0	0	1	5	8	13	3	0	1	11	18	0	3	2	3	3	4	3	8	4
	15	225	1016.1	-	15.9	2.3	14.0	77	5.7	0	3	7	13	7	0	0	0	0	0	0	2	4	8	7	9	0	2	17	11	0	0	1	3	2	2	3	14	5
	21	225	1016.8	-	12.8	0.9	13.3	89	6.2	0	2	6	12	10	0	0	0	0	0	0	1	10	8	6	5	0	1	11	18	0	2	3	1	2	3	0	11	8
8b ENGLAND, S.W.																																												
Dorset Portland Bill H	3	35	1015.5	-	12.6	0.7	13.4	91	6.0	1	3	5	7	12	2	0	0	1	1	0	0	7	4	2	15	0	3	15	11	1	5	3	3	1	4	0	8	5
	9	35	1016.2	-	13.8	1.2	13.6	86	5.9	0	4	5	11	9	1	0	0	0	1	0	0	6	8	15	0	0	2	16	12	0	2	2	5	0	6	3	10	2
	15	35	1016.4	-	15.3	1.9	14.1	81	5.7	0	2	8	12	8	0	0	0	0	0	0	0	8	5	6	11	0	4	14	11	1	0	2	3	1	4	5	12	2
	21	35	1016.7	-	16.8	4.2	13.9	90	5.7	2	2	7	9	8	2	0	0	1	1	0	0	8	5	15	0	0	4	12	12	2	3	1	2	1	3	2	11	5
Devon Hartland Pt. H	3	306	1015.1	-	12.1	0.5	13.2	93	5.9	0	5	4	13	5	3	0	3	0	0	0	0	3	14	6	4	0	3	18	7	2	3	1	2	0	5	1	11	5
	9	306	1015.9	-	13.3	1.2	13.3	87	6.0	1	1	7	12	9	0	0	0	0	0	0	1	5	11	13	0	0	5	17	7	1	4	2	3	1	3	1	12	3
	15	306	1016.1	-	14.3	1.4	13.7	84	5.8	0	4	5	14	7	0	0	0	0	0	0	0	7	11	8	4	0	5	17	8	0	2	2	2	0	1	3	14	6
	21	306	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mount Batten H	3	100	1015.8	-	12.1	0.5	13.3	93	5.7	0	5	6	8	11	0	0	0	0	0	0	2	17	8	3	0	0	0	7	19	4	1	1	4	1	3	5	4	7
	9	100	1016.4	-1.3	14.3	1.5	13.6	84	6.4	0	3	3	13	11	0	0	0	0	0	0	2	9	8	9	2	0	0	15	14	1	2	0	4	1	8	3	4	7
	15	100	1016.9	-	15.9	2.1	14.1	78	5.8	0	3	7	15	5	0	0	0	0	0	0	3	3	8	10	6	0	0	21	9	0	2	0	3	1	7	7	3	7
	21	100	1017.3	-	13.6	1.1	13.6	87	5.5	1	5	7	7	10	0	0	0	0	0	1	3	11	8	6	1	0	0	6	23	1	2	0	2	2	5	1	8	9
Chivenor ... H	3	23	1015.8	-	11.9	0.6	12.9	92	6.3	0	3	3	17	7	0	0	0	0	1	0	3	4	8	10	4	0	0	5	19	6	4	1	5	4	2	1	4	3
	9	23	1016.6	-	14.6	1.7	13.6	81	6.3	1	1	7	10	11	0	0	0	0	0	1	0	1	9	13	6	0	1	16	11	2	5	0	2	3	4	1	7	6
	15	23	1016.7	-	16.5	2.6	14.0	74	6.1	0	3	5	16	6	0	0	0	0	0	0	1	0	12	8	9	0	1	23	6	0	3	0	2	1	3	2	9	10
	21	23	1017.4	-	13.5	1.1	13.6	87	6.3	0	3	2	16	9	0	0	0	0	1	0	2	3	7	8	9	0	0	9	17	4	2	1	1	4	1	2	9	6
Exeter ... H	3	125	1016.1	-	11.6	0.5	12.9	93	6.5	0	3	3	10	14	0	0	0	0	0	0	2	10	13	5	0	0	0	5	22	3	2	2	5	5	2	1	5	5
	9	125	1016.7	-	14.8	2.2	13.0	77	6.1	0	5	3	15	7	0	0	0	0	0	0	3	3	10	7	7	0	0	18	11	1	1	3	1	4	4	3	6	7
	15	125	1016.5	-	17.4	3.4	13.3	67	6.0	0	2	8	13	7	0	0	0	0	0	0	1	1	8	6	14	0	1	24	4	1	1	2	1	2	8	1	5	9
	21	125	1017.5	-	13.6	1.3	13.4	85	5.7	0	5	6	10	9	0	0	0	0	0	0	1	8	9	9	3	0	0	8	22	0	2	1	0	4	4	3	7	9
Cornwall St. Mary's, Scilly H	3	199	1013.5	-	12.6	0.5	13.8	93	5.8	0	3	7	10	8	2	0	1	0	1	0	1	5	11	4	7	0	0	16	14	0	5	1	3	0	6	3	9	3
	9	199	1016.7	-1.0	15.2	2.1	14.1	79	5.5	0	4	8	13	5	0	0	0	0	0	0	3	5	13	5	4	0	0	16	13	1	6	3	2	3	1	5	6	3
	15	199	1017.6	-	15.9	1.9	14.4	79	5.6	0	2	10	11	7	0	0	0	0	0	0	0	7	10	10	3	0	1	17	12	0	5	2	0	3	5	2	11	2
	21	199	1017.6	-	13.2	0.9	13.7	90	5.2	2	1	10	6	10	1	0	1	0	0	0	2	9	7	6	5	0	3	13	14	0	4	1	1	2	6	1	11	4
St. Mawgan H	3	350	1016.1	-	12.0	0.4	13.3	95	6.1	0	2	8	8	10	2	0	0	2	0	2	1	9	10	3	3	0	0	12	18	0	3	2	3	1	7	2	6	6
	9	350	1016.6	-	13.8	1.3	13.5	85	5.8	1	3	6	11	9	0	0	0	0	0	1	2	5	6	13	3	0	1	21	7	1	5	0	3	2	2	6	4	7
	15	350	1017.1	-	15.0	1.8	13.7	80	6.1	0	3	6	13	8	0	0	0	0	0	0	1	5	7	8	9	0	0	23	7	0	5	1	2	0	5	2	9	6
	21	350	1017.3	-	12.8	0.7	13.5	91	5.6	1	3	8	9	9	0	0	0	1	0	0	1	12	6	5	5	0	0	15	15	0	5	0	0	4	5	2	8	6
9 NORTHERN IRELAND																																												
Londonderry Ballykelly H	3	6	1013.5	-	10.7	1.1	11.2	87	6.0	0	5	2	14	9	0	0	0	0	0	1	1	3	5	15	5	0	0	8	14	8	2	1	3	1	4	1	9	1
	9	6	1014.1	-	13.2	2.0	11.8	77	6.6	0	0	6	16	8	0	0	0	0	0	1	0	3	6	10	10	0	1	11	17	1	4	0	4	3	2	4	8	4
	15	6	1014.3	-	14.9	2.9	11.9	70	6.3	0	2	4	18	6	0	0	0	0	0	0	1	0	2	11	16	0	0	15	14	1	5	1	1	2	2	3	8	7
	21	6	1014.7	-	12.3	1.7	11.5	79	5.7	0	3	9	12	6	0	0	0	0	0	0	0	1	4	15	10	0	0	8	18	4	3	2	2	1	4	3	7	4
Antrim Aldergrove H	3	241	1014.2	-	10.3	0.8	11.4	89	6.2	0	3	5	11	11	0	0	0	0	0	1	0	4	11	12	2	0	0	13	14	3	0	3	1	2	7	3	6	5
	9	241	1014.8	-	12.9	1.9	11.8	78	6.7	0	0	7	13	10	0	0	0	0	0	0	2	2	8	9	9	0	1	17	12	0	1	1	2	4	4	6	6	6
	15	241	1014.7	-	15.4	3.1	11.9	68	6.4	0	1	5	17	7	0	0	0	0	0	0	2	3	10	15	0	1	23	6	0	2	1	4	3	3	5	6	6
	21	241	1015.1	-	12.3	1.7	11.5	80	6.3	0	4	3	15	8	0	0	0	0	0	1	1	7	10	11	0	0	0	17	12	1	2	3	3	2	4	3	5	7
CHANNEL ISLES																																												
Guernsey States Airport H	3	360	1016.7	-	12.3	0.6	13.3	93	5.7	1	6	2	12	9	0	0	1	1	2	0	4	6	1	8	7	0	0	7	22	1	2	4	1	2	3	4	7	6
	9	360	1017.3	-	13.9	1.2	13.7	87	5.7	1	2	8	13	6	0	0	0	3	0	0	2	6	4	12	3	0	0	17	13	0	2	2	2	2	6	5	6	5
	15	360	1017.5	-	15.7	2.3	13.6	76	4.9	3	3	8	11	5	0	0	0	1	0	2	0	4	4	14	5	0	1	17	12	0	2	3	0	5	3	1	13	3
	21	360	1018.0	-	16.5	1.0	13.4	89	4.5	2	8	5	12	3	0	0	0	0	1	0	1	6	3	13	6	0	0	6	20	4	2	1	3	1	4	2	8	5

H *See* Notes on Tables in the Introduction.

Table XIII—Solar Radiation and Intensity of Illumination JUNE, 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination of a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	787	2	105	7	480	30	381	1	104	7	287	30	811	2	127	7	511	30
Eskdalemuir Observatory ...	714	29	135	9	429.3	30	400	21	132	16	299.0	30	745	29	152	16	453.5	30
Cambridge	808	26	101	2	442.8	30	447	23	97	2	281.8	30	-	-	-	-	-	-
Kingsway	747	9	91	1	436.0	30	413	11	86	1	257.9	30	872	9	109	1	488.8	30
Kew Observatory	746	9	64	1	428.1	30	389	11	61	1	258.3	30	884	9	81	1	496.9	30
Aberporth	766	29	77	2	478.1	30	419	22	76	2	297.3	30	-	-	-	-	-	-

Table VIII—Number of Days in JUNE, 1964 with Maximum and Minimum Temperatures between given limits.

Station	Maximum Temperature °C.							Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	0	1	28	1	0	0	0	0	0	0	0	1	25	4	0
Stornoway	0	0	0	22	8	0	0	0	0	0	0	0	7	18	5	0
Craibstone	0	0	1	9	19	1	0	0	0	0	0	0	7	20	3	0
Rothesay	0	0	0	9	21	0	0	0	0	0	0	0	1	21	8	0
Renfrew	0	0	0	8	20	2	0	0	0	0	0	0	2	17	11	0
Eskdalemuir Observatory	0	0	1	13	14	2	0	0	0	0	0	0	5	20	5	0
Douglas	0	0	1	14	15	0	0	0	0	0	0	0	0	20	10	0
Cockle Park	0	0	2	9	17	2	0	0	0	0	0	0	1	22	7	0
Gorleston	0	0	0	7	17	6	0	0	0	0	0	0	0	11	18	1
Cambridge	0	0	0	5	13	12	0	0	0	0	0	0	3	14	12	1

Station	Maximum Temperature °C.							Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	0	1	6	18	5	0	0	0	0	0	0	2	11	17	0
Kew Observatory	0	0	0	3	18	9	0	0	0	0	0	0	0	9	19	2
Hastings	0	0	0	5	21	4	0	0	0	0	0	0	0	8	21	1
Southampton	0	0	0	2	17	11	0	0	0	0	0	0	1	9	18	2
Stonyhurst	0	0	1	9	18	2	0	0	0	0	0	0	2	16	12	0
Bidston	0	0	1	11	16	2	0	0	0	0	0	0	0	8	22	0
Valley	0	0	1	9	18	2	0	0	0	0	0	0	0	13	17	0
Falmouth	0	0	0	5	24	1	0	0	0	0	0	0	0	7	23	0
Aldergrove	0	0	0	8	20	2	0	0	0	0	0	0	1	18	11	0
Armagh	0	0	0	6	21	3	0	0	0	0	0	0	2	15	13	0

Table II—Additions and Corrections

Month	Station	Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust		
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		Veer from N.	Speed	Hour ended at	Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.
1957																			
July	Birmingham	643	118	73							137								
December	Southport	63	45	36									10.2						
1960																			
January	Calshot	50	41	33					374	262									
February	Calshot	50	41	33						248	73								
April	Calshot	50	41	33				28	331										
May	Calshot	50	41	33						359	213								
June	Calshot	50	41	33					263	296									
July	Calshot	50	41	33					381	278									
September	Calshot	50	41	33					294	289	100								
October	Calshot	50	41	33					410	224	86								
December	Calshot	50	41	33						394	53								
1961																			
January	Calshot	50	41	33					355	261									
February	Calshot	50	41	33						315	12								
March	Calshot	50	41	33					134	504	106								
April	Calshot	50	41	33					207	440	71								
May	Calshot	50	41	33						449	56								
June	Calshot	50	41	33					275	415									
July	Calshot	50	41	33					231	378	55								
August	Calshot	50	41	33					380	332									
October	Calshot	50	41	33					412	252	65								
November	Calshot	50	41	33						245	58								
1962																			
January	Calshot	50	41	33				81	331										
February	Calshot	50	41	33					410	153									
March	Calshot	50	41	33						325		3							
May	Calshot	50	41	33						273	40								
July	Calshot	50	41	33				7	340										
August	Calshot	50	41	33					356			2							
September	Calshot	50	41	33		3		25											
October	Calshot	50	41	33					270	408	50								
December	Calshot	50	41	33					449	224									
Jan. 1963 - March, 1964.	Elmdon	343	31	31															

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MO 754

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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July 1964 — *Dry: warm later in England and Wales.*

Weather was predominantly anticyclonic in character, more especially over the southern part of the country on the 1st-6th, 15th, 16th and 19th-31st. The intervening periods were mainly cyclonic as were also some days in Scotland during the last week.

An anticyclone centred to the west of the British Isles maintained the generally dry sunny weather of the end of June until 6th July. Torquay recorded more than 12 hours of sunshine on each of the first five days of the month. Afternoon temperatures reached 25°C locally in the south-east on the 2nd, but following a little frontal rain on the 3rd freshening north-westerly winds kept temperatures well below average, especially in eastern districts where the 4th-6th were among the coolest days of the month.

On the 7th and 8th a deepening depression moving east near Scotland gave record low pressure readings for July and widespread gales. Troughs associated with the depression brought an end to the dry period with about 24 hours of rain in most places (over 1 inch was recorded in parts of north-west England and western Scotland.) After two or three showery days with broken sunshine, rain from another Atlantic depression reached western districts late on the 10th and spread to the remainder of the country during the night. A secondary depression gave over an inch of rain in parts of South Wales on the 11th; it was not until the afternoon of the 12th that the rain finally cleared south-east England. On the 13th, a dry sunny day over most of the British Isles, an anticyclone formed over Scandinavia; and the next depression approached Ireland from mid-Atlantic turned northwards towards Iceland in the southerly air stream on the western flank of the anticyclone. Rain from associated slow-moving cold fronts was heavy locally in some western districts on the 14th, but with rising pressure in southern England the fronts gave little or no rain as they cleared south-east districts about noon on the 15th.

For most of the third week pressure was rather uniform over the British Isles and weather warm and thundery. During the first two or three days afternoon temperatures over much of England and Wales progressively increased, the 17th being the warmest day of the month in many places. On the 18th, however, a small depression deepened slowly as it moved north-east across England and Wales. Thunderstorms with heavy rain or hail broke out at a number of places. Lancashire and the West Riding of Yorkshire reported widespread flooding; at Bolton about 3 inches of rain fell in half an hour while further east a large area of moorland around Pateley Bridge became white with hailstones, the ground being covered to a depth of 6 inches in places. The second half of the week was rather more cloudy and a little cooler than the beginning with scattered thunderstorms on the 19th and 21st.

On the 22nd a ridge of high pressure extended from the Azores over the British Isles, but it subsequently drifted slowly south giving place over Scotland to a generally westerly airstream. In the north weather was changeable and cool for most of the remainder of the month, but in south-east England it became sunny and very warm again with afternoon temperatures exceeding 28°C at a number of places on the 25th and 26th. A moist airstream from the Atlantic brought occasional drizzle to most districts on the 29th, but weather was sunny and warm in the south-east during the last two days of the month.

Pressure and Wind — Surface pressure was generally above the 1921-50 average except in the extreme north, the deviation at 9h G.M.T. ranging from −2.4 mb at Lerwick to +4.0 mb at Scilly. Pressure at mean sea level at Sule Skerry fell to 967.9 mb at about 0600 G.M.T. on the 8th, a new record low for the British Isles for July. Surface winds were mainly north-westerly at first becoming westerly on the 10th-12th and southerly on the 13th and 14th after which winds were light and variable over much of the country until the end of the month but mainly westerly in the north from the 23rd. Winds reached gale force in Scotland on 14 days and in England and Wales on the 7th, 9th, 11th, 12th and 18th (6 days). Gales were widespread on the 7th and 8th, many places in the north and north-west registering their highest gust and highest hourly wind ever recorded in July; a gust of 57 kt at Paisley on the 7th was the highest for the month in 51 years of records.

Temperature — Day temperatures were below average during the first ten days, but above average during the third week, the difference from average decreasing northwards. From the 23rd temperatures were above average in south-east England but below average in Scotland.

Extremes included: (England and Wales) 28.9°C at a number of places in the south-east on the 17th, 0.0°C at Lincoln on the 6th, (Scotland) 26.3°C at Dyce on the 30th, −0.6°C at Balmoral and at Strachan on the 6th; (Northern Ireland) 23.4°C at Moneydig on the 30th, 2.2°C at Pubble Forest on the 26th.

Precipitation — In Scotland most eastern districts had less than half their average rainfall, Kelso having its driest July since records began in 1888; while in the west rainfall was above average, totals in parts of the Highlands approaching double the usual amount. In England and Wales rainfall was generally 80-100 per cent of the average in the west but less than half the average in many eastern, central and southern districts; heavy localised thundery rain, however, brought amounts up to twice the average in parts of Buckingham and Lancashire.

Thunder was heard in Scotland on 6 days, an unusually low frequency for July. In England and Wales it was reported on the 3rd, 8th, 9th, 11th, 12th, 14th, 16th, 17th-19th, 21st and 22nd (12 days). Thunderstorms were widespread on the 17th, 18th and 21st.

Sunshine — Sunshine was generally above the average in the east and south but below in the north-west and north, amounts varying from 126 per cent (at North Berwick) of the local average to 69 per cent (at Ballykelly). The week ending the 18th was the sunniest, amounts being above average nearly everywhere.

Visibility — Fog was observed at 9h at one place or another on 11 days in Scotland and 18 days in England and Wales. Few places reported fog on more than one morning except in north-west England where a number of stations had two days of morning fog.

Miscellaneous Phenomena — The aurora was not seen in July.

TABLE I—DISTRICT VALUES— JULY 1964 **(1908, revised 1928, 1941, 1956 and 1964)**

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						*% of Average*	
0 SCOTLAND, N.	23.9	-0.6	-0.7	-0.8	-0.7	-	-	0	98	101
1 SCOTLAND, E.	26.3	-0.6	-0.1	-0.3	-0.2	-	-	-5	34	116
2 ENGLAND, N.E.	26.2	0.0	-0.3	-0.3	-0.3	-0.7	0.0	-5	44	106
3 ENGLAND, E.	28.9	0.6	+0.2	-0.1	0.0	0.0	+0.3	-4	51	105
4 MIDLANDS	27.8	2.8	-0.3	-0.1	-0.2	0.0	+0.2	-4	53	107
5 ENGLAND, S.E.	28.9	3.3	+0.6	+0.2	+0.4	+0.4	+0.4	-4	41	105
6 SCOTLAND, W.	24.4	2.2	-1.1	-0.3	-0.7	-0.3	-0.5	-2	70	91
7 ENGLAND, N.W. and N. Wales	28.3	0.6	-1.0	+0.2	-0.4	-1.3	-0.8	-2	90	93
8 ENGLAND, S.W. and S. Wales	27.2	1.1	0.0	0.0	0.0	+0.3	+0.4	-4	6	102
N. IRELAND	23.4	2.2	-0.2	-0.2	-0.2	-	-	-2	56	77
SCOTLAND	26.3	-0.6	-0.6	-0.5	-0.5	-	-	-2	79	103
ENG. and WALES	28.9	0.0	-0.1	0.0	-0.1	-	-	-4	63	103

FH2A

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Height of Vane: Above Ground	Height of Vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at		Highest Gust: Speed	Highest Gust: Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h.m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	2,28	12	14	122	345	217	48	0	13.9	290	39	28	15	61	28	1415
Orkney	Kirkwall	134	50	33	28	12	9	74	402	196	60	0	13.3	280	38	28	14	59	28	0820
Caithness	Dounreay	110	39	30	-	0	15	131	430	153	0	30	15.4	310	33	28	13	55	28	0645
Sutherland	Shin	78	33	33	28	1	8	49	357	210	127	0	11.0	250	34	28	04	57	28	0330
Ross &	Stornoway (Coastguard)	120	40	36	15	2	12	102	304	150	186	0	11.6	200	34	15	12	47	8	1230
Cromarty	Duirinish	125	65	55	7,8	8	12	96	323	267	50	0	12.9	260	39	8	19	59	8	1730
Inverness	Benbecula	69	51	35	8	11	11	126	402	179	26	0	15.2	280	41	8	17	59	8	1535
1 Moray	Lossiemouth	101	80	60	-	0	9	65	300	228	147	4	10.6	230	33	8	19	55	28	0830
Aberdeen	Dyce	234	30	30	-	0	8	46	333	267	98	0	10.9	200	28	7	15	44	28	1120
Angus	Auchterhouse ...	822	62	50	-	0	6	28	286	292	107	31	9.9	240	28	8	16	45	8	2015
	Bell Rock Lighthouse	126	131	124	7-9,28	17	20	166	354	139	68	0	15.8	240	44	8	22	58	8	2055
Perth	Rannoch	1006	56	57	*															
Fife	Leuchars	78	40	40	-	0	8	64	333	313	34	0	11.7	250	33	8	21	55	8	2105
Midlothian	Turnhouse	137	40	33	-	0	9	87	288	303	66	0	11.7	250	33	8	18	55	8	1815
	Edinburgh, Blackford Hill	496	50	34	7,8,14	8	12	119	312	180	66	59	14.1	200	44	7	14	75	7	1310
6a Argyll	Tiree	89	60	47	7,8,14	14	11	123	404	96	107	0	14.3	280	38	8	19	54	8	1825
Bute	Millport	50	34	34																
Renfrew	Paisley	188	81	31	-	0	2	5	171	390	178	0	7.5	180	25	7	13	57	7	1310
	Renfrew	71	41	39	-	0	3	21	303	322	98	0	9.8	200	29	7	14	52	28	0010
Lanark	Lowther Hill ...	2412	43	33	1,2,7-10,14,28	61	21	208	300	170	5	0	18.7	300	48	28	05	65	8	2315
Ayr	Prestwick Airport ...	68	33	33	-	0	5	22	370	256	96	0	10.5	260	29	28	04	45	8	0510
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	1	4	154	325	261	0	6.3	210	26	7	13	51	8	1925
Wigtown	West Freugh ...	81	33	33	-	0	4	22	302	290	130	0	9.6	220	28	7	15	44	14	1010
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	7	5	7	56	285	279	119	0	10.8	220	35	7	16	48	7	1350
	Point of Ayre ...	64	33	33	-	0	7	38	352	270	84	0	11.1	210	30	7	16	42	7	1530
2 Durham	Durham	389	53	33	-	0	1	8	268	284	176	8	8.4	190	31	7	15	56	7	1430
	South Shields ...	73	57	44	-	0	4	5	256	354	129	0	8.8	290	25	2	08	44	7	1420
Lincoln	Cranwell	268	47	47	-	0	3	9	190	343	202	0	7.6	230	25	7	13	44	7	1720
3 Norfolk	Gorleston	45	33	33	-	0	1	1	287	419	35	2	9.7	210	23	8	10	36	8	1415
Suffolk	Mildenhall	98	83	60	-	0	1	4	103	390	247	0	6.0	260	26	8	17	46	8	1640
Bedford	Bedford	327	42	30	-	0	1	1	184	422	129	8	7.9	230	22	8	16	38	8	0005
	Cardington	276	133	133	-	0	2	27	284	376	57	0	10.0	230	29	8	16	39	7	2235
Hertford	Garston	307	50	33	-	0	0	0	53	480	211	0	5.4	230	17	7	23	33	7	1645
	Rothamsted	461	41	33	-	0	0	0	30	359	348	7	4.0	240	14	8	14	33	8	1325
Essex	Stansted ...	351	31	31	-	0	0	0	183	464	97	0	8.0	240	20	8	15	32	8	1435
	Coryton	66	57	48																
	Shoeburyness ...	118	106	91	-	0	4	34	271	404	35	0	10.4	210	31	8	03	48	8	0105
4 Yorks, W.R.	Sheffield	533	63	35	-	0	0	0	44	290	410	0	4.0	240	18	7	15	41	7	1415
Warwick	Edgbaston	643	118	73	-	0	0	0	45	534	165	0	5.6	210	16	7	17	35	7	1625
	Elmdon	343	31	31	-	0	3	8	242	405	89	0	8.7	220	25	7	19	43	7	1550
Buckingham	Amersham	500	50	50	-	0	0	0	34	462	228	20	5.2	210	16	7	22	33	7	2145
Stafford	Keele	706	50	33	-	0	0	0	78	382	284	0	5.4	320	16	1	06	40	7	1550
Gloucester	Avonmouth	92	61	33	*															
5 London	Kingsway	208	143	41	-	0	0	0	143	516	85	0	7.5	230	19	8	15	38	7	2140
Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	3	170	511	60	0	8.2	220	24	7	22	34	7	2150
	Hampton	139	101	100	-	0	0	0	107	391	246	0	5.9	220	21	7	22	38	7	2145
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	132	457	155	0	6.9	220	20	7	22	42	7	2135
	Gatwick	232	38	33	-	0	2	4	112	414	214	0	6.6	240	23	8	16	37	8	1500
Kent	Isle of Grain ...	48	40	33	-	0	1	1	55	247	441	0	3.9	230	23	7	24	36	7	2340
	Dover	68	38	62	-	0	2	10	154	345	235	0	6.8	220	28	8	10	49	8	0910
Sussex	Thorney Island ...	75	65	42	-	0	1	1	133	316	294	0	6.1	240	22	8	09	42	8	0550
Hampshire	Hurn	86	53	46	-	0	2	4	224	367	149	0	8.3	220	24	7	22	40	7	2200
	Calshot	50	41	33	-	0	2	17	316	371	40	0	10.5	220	26	7	24	38	7	2310
	S. Farnborough ...	316	69	35	-	0	1	3	182	394	165	0	7.7	230	22	8	16	34	8	1310
Berkshire	Abingdon	295	40	40	-	0	1	4	173	297	270	0	6.6	240	23	8	16	36	8	1020
Wiltshire	Larkhill	491	51	36	-	0	0	0	140	379	225	0	6.5	280	20	9	16	46	7	2225
	Boscombe Down ...	425	55	55	-	0	2	9	217	401	117	0	8.5	230	24	7	23	40	7	2225
	Porton	406	44	44	-	0	1	5	99	240	400	0	4.9	220	23	7	24	40	7	2225
7a Cumberland	Carlisle	137	42	30	-	0	3	29	274	303	138	0	9.2	210	29	7	16	44	7	1715
	Sellafield	83	39	35	-	0	3	22	301	359	62	0	10.1	250	31	7	16	46	7	1615
	Spadeadam	959	51	50	-	0	5	27	267	361	86	3	10.1	270	30	28	09	49	28	0840
Westmorland	Great Dun Fell ...	2812	33	33	2,7-9,11,14 ∅	73	21	222	274	125	50	0	19.1	240	55	7	14	72	7	1425
	Moor House ...	1960	50	45																
Lancashire	Squires Gate ...	88	55	35	7	5	10	86	403	231	19	0	13.8	240	41	7	16	58	7	1550
	Southport	59	41	33	-	0	8	60	267	233	184	0	10.0	260	28	8	14	45	7	1435
	Fleetwood	112	50	31	-	0	7	39	323	289	92	1	10.6	230	26	7	16	52	7	1420
	Speke	84	41	33	-	0	3	18	317	308	101	0	10.0	230	33	7	17	50	7	1500
	Manchester W/Centre	268	147	55	-	0	0	0	150	419	175	0	7.1	270	21	9	15	47	9	0905
Cheshire	Bidston Observatory	262	64	39	-	0	6	28	279	340	64	33	-	260	26	11	08	55	7	1505
	Ringway	261	33	33	-	0	1	3	147	338	256	0	7.0	230	24	7	12	38	7	1750
7b Anglesey	Valley	86	53	40	7	9	12	90	340	254	51	0	13.0	200	40	7	17	53	7	1620
8a Cardigan	Aberporth	483	41	41	14	1	7	53	221	363	106	0	10.0	180	34	14	04	51	14	0325
Pembroke	Brawdy	432	68	45	-	0	6	32	283	347	82	0	10.1	230	27	7	22	46	7	1820
Glamorgan	Port Talbot	91	40	35	-	0	4	22	236	348	138	0	9.1	230	28	7	19	44	7	1820
	Rhoose	257	37	32	-	0	5	43	283	404	14	0	10.7	270	27	8	16	42	8	1200
8b Dorset	Portland Bill ...	190	155	155	7,8,11,12	34	14	136	313	213	48	0	15.2	230	44	8	04	56	8	0135
Devon	Plymouth Hoe ...	191	88	65	-	0	2	11	147	378	208	0	7.0	-	26	8	01	38	8	0200
Cornwall	St. Mary's, Scilly ...	230	65	57	-	0	7	64	288	284	108	0	10.8	220	32	7	18	46	7	1930
	The Lizard	315	75	60	-	0	6	41	266	332	101	4	10.1	230	31	7	24	45	7	2240
NORTHERN IRELAND																				
Londonderry	Ballykelly	56	50	35	-	0	6	16	204	341	183	0	8.1	220	25	7	10	46	7	0920
Antrim	Aldergrove	263	33	33	-	0	7	36	396	264	48	0	11.8	160	30	14	02	47	14	0150
Fermanagh	Castle Archdale ...	263	43	43	-	0	4	8	251	375	110	0	9.0	210	27	7	10	45	7	1000
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	-	0	4	32	324	354	34	0	11.1	250	26	11	11	38	8	1005

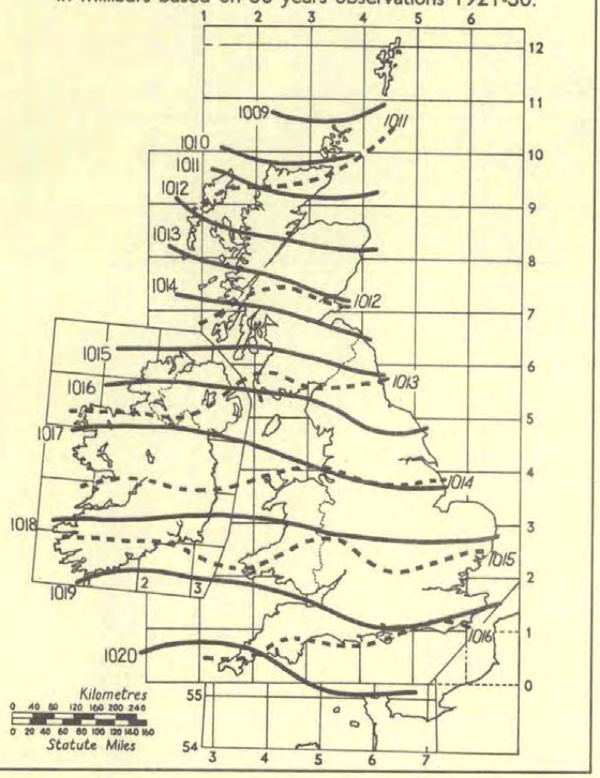
‡ Record ceased ‡ Incomplete record * Defective record

∅ Also on 27th and 28th

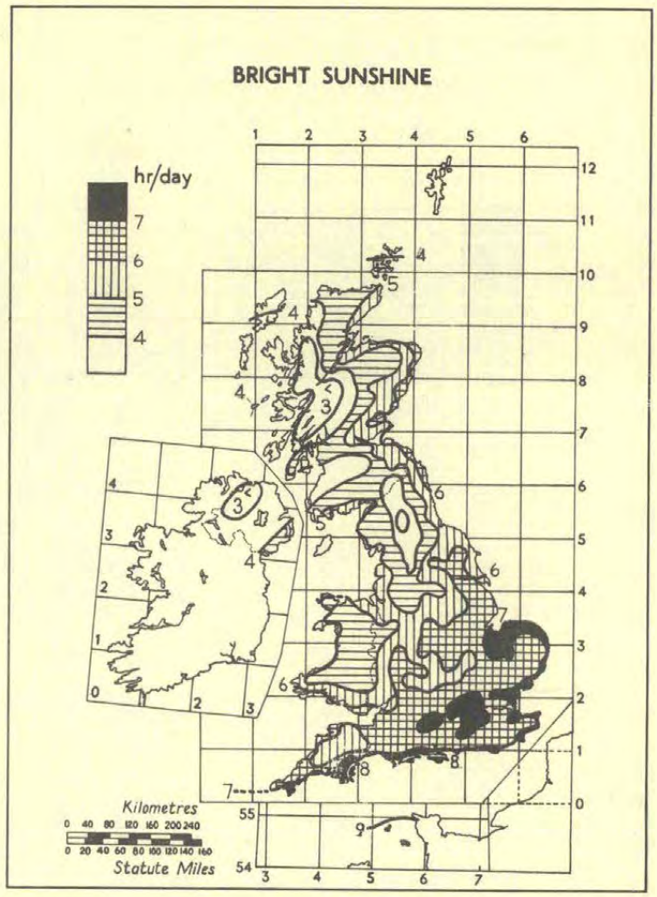
MONTHLY WEATHER CHARTS JULY 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



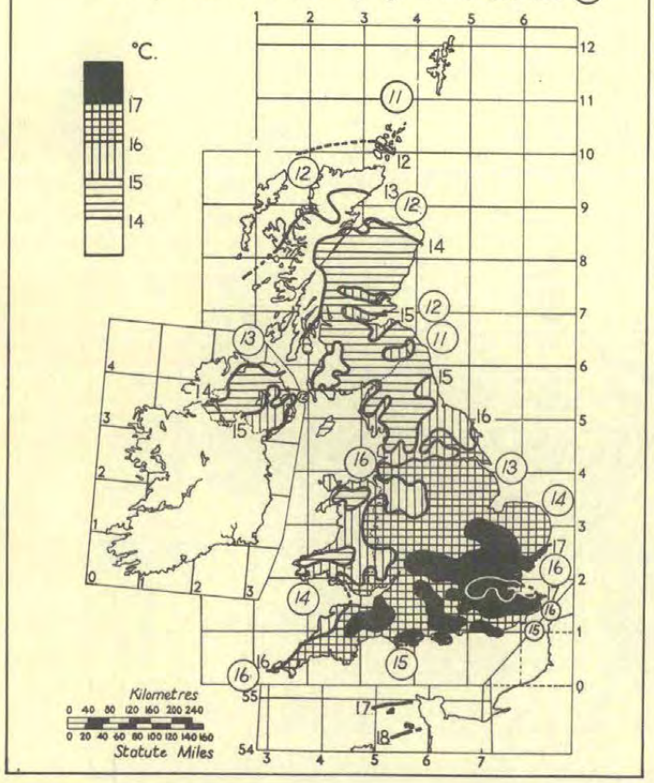
BRIGHT SUNSHINE



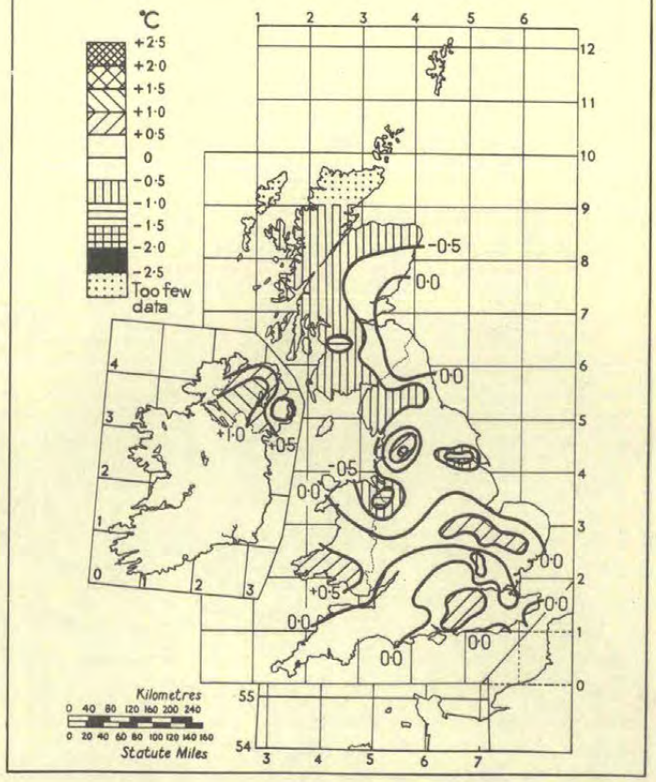
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

JULY 1964

The equivalent values in mm. are given in round numbers. The exact relation is 10 in. = 254 mm.

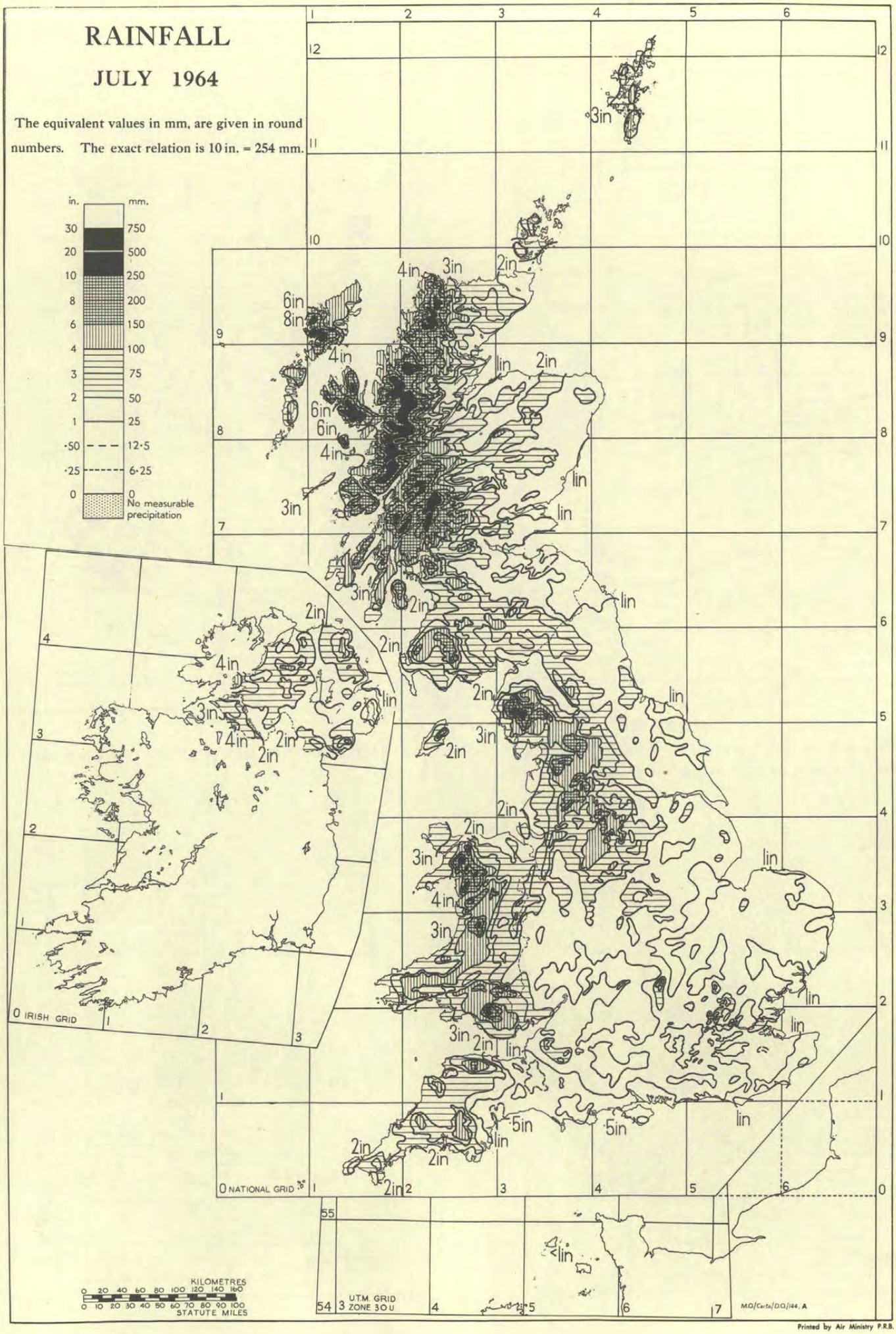


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TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0 SCOTLAND, N.																															
Zetland	Hamnavoe ...	9 9	70	13.3	9.7	11.5	-	18.3	18	7.2	3	-	-	4.69	-	.69	27	24	19	0	0	0	0	0	0	0	-	2	3.95	-
	Lerwick Obs'y. ¶§	21-9	269	13.1	9.0	11.1	-0.9	17.0	15	6.1	3	-	-	4.85	178	.73	19	24	21	0	0	0	0	1	0	0	3	3	3.60	89
	Baltasound ...	9 9	78	13.8	8.8	11.3	-	17.8	18	5.6	6	11.3	-	2.99	113	.49	27	22	14	0	0	0	0	0	0	0	-	1	3.84	-
Orkney	Sule Skerry ...	9 9	43	13.0	9.9	11.5	-	15.5	14	7.5	3	-	-	3.00	-	.75	7	24	13	0	0	0	0	0	1	0	0	4	-	-
	Stenness ...	9 9	75	14.7	9.2	11.9	-	18.3	17	4.4	29	11.8	-	3.01	-	.42	27	25	17	0	0	0	0	0	1	0	0	1	4.21	-
	Costa	9 9	115	14.3	9.2	11.7	-	18.3	17	5.0	6	-	-	3.68	-	.61	6	23	18	-	-	-	-	-	0	0	-	-	3.92	-
	Kirkwall ...	21-9	84	14.3	9.0	11.7	-	18.6	17	5.2	3,29	-	-	2.54	96	.41	7	25	15	0	0	0	0	0	1	0	0	1	4.19	92
Caithness	Dounreay ...	9 9	70	15.7	8.7	12.2	-	21.7	15	4.4	6	-	-	2.21	-	.31	27	23	16	0	0	0	0	0	0	0	0	2	-	-
	Wick ... ¶§	21-9	119	15.6	8.7	12.1	-0.8	20.7	17	2.8	6	-	-	1.58	61	.30	10	17	12	0	0	0	0	0	1	0	2	1	5.51	122
Sutherland	Cape Wrath ...	21-9	367	13.0	8.8	10.9	-1.3	17.8	14	6.6	2	-	-	3.49	98	.65	6	23	18	0	0	0	0	0	3	0	0	7	-	-
	Achany ...	9 9	280	17.6	8.6	13.1	-	23.3	17	2.8	14	13.0	10.7	2.27	70	.47	8	18	12	0	0	0	0	0	0	0	4	0	-	-
	Strathy	9 9	120	15.7	8.7	12.2	-1.0	21.7	14	1.7	7	-	-	2.51	78	.45	8	25	14	0	0	0	0	0	1	0	-	0	4.29	106
Ross & Cromarty	Stornoway ¶§	21-9	11	15.2	9.5	12.3	-1.0	19.8	17	3.8	29	-	-	3.83	124	.53	27	21	14	0	0	0	0	1	0	0	1	1	4.23	102
	Balmacara ...	9 9	2	16.2	10.6	13.4	-	22.2	17	5.0	4	-	-	5.74	-	1.07	7	24	19	-	0	-	-	-	-	0	-	-	-	-
	Poolewe ...	9 9	20	15.6	10.3	12.9	-	20.6	17	6.1	4	-	-	5.63	-	.85	27	16	16	-	-	-	-	-	0	0	0	-	3.48	- S
	Inverpolly ...	9 9	45	15.2	9.5	12.3	-	20.0	14	4.4	6	12.9	-	(5.68)	-	(1.00)	27	22	19	-	-	-	-	-	-	0	1	-	-	-
	Achnashellach ...	9 9	220	16.3	9.7	13.0	-0.7	23.9	17	3.3	5,6	-	-	7.55	131	2.00	8	26	21	0	0	0	0	0	0	0	-	0	-	-
	Kinlochewe ...	9 9	76	16.5	9.8	13.1	-	23.3	17	3.3	6	13.1	-	7.88	-	1.81	8	24	20	0	0	0	0	1	0	0	2	0	2.89	- S
	Blackbridge ...	9 9	690	16.5	9.0	12.7	-	22.8	17	2.2	6	-	-	4.93	-	1.86	8	22	16	-	-	-	-	-	0	0	0	-	4.94	-
	Fortrose ... ¶§	9 9	15	16.7	11.3	14.0	-0.3	22.2	17	6.1	8	-	-	.92	34	.22	8	12	8	-	0	-	-	-	0	0	-	-	4.77	105
	Tarbatness ...	21-9	60	16.5	10.1	13.3	-	21.0	30	5.0	13	-	-	.48	-	.15	8	9	5	0	0	0	0	0	2	0	-	0	-	-
Inverness	Benbecula ...	21-9	19	14.7	10.5	12.6	-1.0	18.5	21	7.9	4	-	-	3.73	102	.93	6	23	14	0	0	0	0	1	0	0	0	3	3.43	-
	Isle of Rhum ...	9 9	15	15.7	10.4	13.1	-	20.0	21	4.4	4	15.4	12.8	8.74	-	1.79	6	23	19	0	0	0	1	2	0	0	0	8	-	-
	Prabost	9 9	220	15.1	9.7	12.4	-	20.0	17,18	5.6	4	-	-	6.48	-	1.44	6	28	21	0	0	0	0	1	0	0	2	5	2.97	-
	Duntulm ...	9 9	294	14.1	9.5	11.8	-1.1	17.8	17,21	6.7	8,9	-	-	4.57	119	.89	7	25	19	0	0	2	0	1	2	0	0	3	3.15	78 S
	Onich ... ¶§	9 9	48	15.9	10.3	13.1	-0.7	22.8	18	3.9	4	-	-	5.63	95	.80	6	22	18	-	0	-	-	-	0	0	1	-	3.17	89 S
	Fort William ...	9 9	27	16.6	10.5	13.5	-	22.8	18	2.8	4	14.5	13.6	5.30	-	1.10	18	19	14	0	0	0	2	2	0	0	0	0	2.95	-
	Fort Augustus ...	9 9	70	17.4	10.6	14.0	-0.3	23.9	17	3.3	4	-	-	1.68	-	.62	8	17	8	0	0	0	0	0	0	0	-	1	3.88	- S
	Cannich	9 9	350	17.6	9.4	13.5	-	23.3	17	0.6	4	-	-	2.05	62	.79	8	12	8	0	0	0	0	1	0	0	3	1	-	-
	Inverness ...	9 9	13	18.1	10.9	14.5	-	23.9	17	6.7	6	-	-	.84	-	.21	31	12	6	0	0	0	0	0	0	0	0	1	5.46	-
	Coire Cas Shieling	9 9	2500	12.8	6.7	9.7	-	18.3	30	1.7	4	-	-	2.84	-	.55	10	21	15	0	0	0	0	0	3	0	-	1	-	-
	Cairngorm ...	9 9	3575	9.6	4.4	7.0	-	15.0	18,31	-0.6	4	-	-	4.29	-	.67	10	21	19	0	0	0	0	0	-	1	-	-	-	-
	Achnagoichan ...	9 9	1000	16.9	8.5	12.7	-	22.2	17	2.2	6	11.8	-	1.11	-	.32	24	15	7	0	-	0	0	0	-	0	3	0	-	-
	Glenmore Lodge	9 9	1120	16.5	8.8	12.7	-	20.9	17	0.7	6	-	-	1.48	-	.22	24	17	11	0	0	0	0	0	0	0	6	0	4.58	-
1 SCOTLAND, E.																															
Nairn	Nairn ... ¶§	9 9	20	17.9	10.2	14.1	-0.3	21.7	17	(4.4)	6	-	-	1.01	37	.39	31	17	5	-	-	-	-	-	0	-	-	6.07	135
Moray	Forres	9 9	155	17.8	9.0	13.4	-	22.8	14	2.8	6	14.6	12.2	1.24	44	.35	8	12	8	0	0	0	0	0	0	0	0	0	5.28	110
	Kinloss	21-9	15	18.1	10.2	14.1	-	23.2	30	2.7	6	13.1	-	1.15	-	.47	8	12	6	0	0	0	0	0	0	0	1	4	5.04	-
	Elgin	9 9	92	18.1	10.3	14.2	-	23.9	30	3.9	6	-	-	1.84	-	.64	8	15	9	0	0	0	0	0	0	0	0	0	6.05	-
	Lossiemouth ...	9 9	21	17.6	9.9	13.7	-0.6	23.9	30	2.2	6	-	-	1.40	-	.41	8	13	10	0	0	0	0	0	0	0	1	2	-	-
	Gordon Castle ...	9 9	104	17.9	10.1	14.0	-0.6	24.4	30	4.4	6	-	-	1.87	61	.45	8	11	9	0	0	0	0	0	-	0	-	0	5.13	111
Banff	Banff	9 9	80	16.9	10.3	13.6	-	21.7	15	6.1	6	-	-	2.06	-	.32	2	16	13	0	0	0	0	0	1	0	-	1	5.57	-
Aberdeen	Braemar ...	9 9	1113	15.8	8.6	12.7	-0.4	21.1	23,1,18	1.1	6	-	-	1.45	49	.29	19	13	11	-	0	-	-	-	0	0	-	-	5.60	- S
	Balmoral ...	9 9	927	17.3	7.8	12.5	-0.7	22.8	17	-0.6	6	-	-	1.61	53	.66	19	11	9	0	0	0	0	1	-	1	2	2	-	-
	Dinnet	9 9	580	18.4	9.3	13.9	-	24.4	30	1.1	6	14.4	-	1.63	-	.54	18	13	9	-	0	-	-	-	0	0	-	-	6.06	-
	Huntly	9 9	405	18.1	8.7	13.4	-	25.0	30	1.9	6	-	-	1.85	-	.52	9	13	9	0	0	0	0	0	0	0	0	0	-	-
	Fyvie Castle ...	9 9	218	17.6	9.7	13.7	-	25.0	30	1.7	6	-	-	1.63	-	.50	9	14	11	0	0	0	0	0	-	0	1	1	5.41	-
	Craibstone ¶§	9 9	300	17.6	9.6	13.6	-0.1	25.6	30	3.3	6	13.7	11.8	1.65	50	.37	6	17	9	0	0	0	0	0	1	0	1	3	6.12	119
	Dyce	21-9	190	18.3	9.7	14.0	0.0	26.3	30	1.1	6	-	-	1.41	41	.33	6	15	7	0	0	1	0	1	1	0	1	0	5.88	-
	Aberdeen ...	9 9	170	17.9	10.1	14.0	-0.1	26.1	30	2.8	6	-	-	1.17	36	.25	6	13	8	0	0	0	0	0	1	0	0	0	6.20	124
	Hilton	9 9	230	17.8	10.3	14.1	-	26.1	30	5.6	4,6	14.7	-	1.91	-	.40	6	17	14	0	0	0	0	0	1	0	0	0	-	-
	Udny	9 9	352	17.5	9.3	13.4	-	24.4	30	3.3	6	-	-	2.09	-	.38	6,9	18	10	0	0	0	0	0	2	0	1	0	6.21	-
	Rattray Head ...	21-9	85	16.1	9.9	13.0	-0.3	21.0	15	3.5	6	-	-	1.64	61	.33	7	15	8	0	0	0	0	0	1	0	-	2	6.50	-
Kincardine	Fettercairn ...	9 9	560	17.2	9.5	13.3	-	23.3	30	3.9	4	-	-	1.44	-	.33	10	14	8	0	0	0	0	0	2	0	3	0	5.45	-
	Strachan ...	9 9	395	18.3	9.1	13.7	-	26.1	30	-0.6	6	12.4	-	1.13	-	.25	10	14	7	0	0	0	0	1	0	1	5	0	6.35	-
	Stonehaven ...	9 9	12	18.2	10.2	14.2	0.0	25.0	30	3.9	4,6	-	-	1.03	33	.25	6	14	9	0	0	0	0	1	0	-	0	-	-	-
	Muchalls ...	9 9	210	17.4	9.7	13.5	-	21.7	30	4.4	4,6	-	-	1.02	-	.20	6,10	15	9	0	0	0	0	0	0	0	0	0	-	-
Angus	Mylnefield ...	9 9	100	19.1	10.1	14.6	-	22.8	30,1,23	2.8	4	15.4	12.2	1.04	-	.32	18	10	9	0	0	0	0	1	1	0	0	0	6.12	-
	Auchterhouse ...	9 9	760	18.0	8.3	13.1	-	22.8	23	1.1	4	12.9	10.8	2.14	-	.77	18	13	10	0	0	0	0	1	2	0	2	0	5.61	-
	Dundee ¶	9 9	147	19.5	11.1	15.3	+0.2	23.9	30	5.0	4	16.7	-	1.42	44	.34	18	11	10	0	0	0	0	1	-	0	1	1	5.48	-
	Glamis Castle ...	9 9	200	18.7	9.4	14.1	-	23.3	23	1.1	4	-	-	1.43	-	.42	18	14	11	0	0	1	0	2	0	0	2	0	-	-
	Whitehillocks ...	9 9	845	17.6	8.7	13.1	-	23.3	30	0.6	6	-	-	2.34	-	.90	18	15	11	0	0	0	0	2	0	0	1	0	-	- S
	Buddon Ness ...	9 9	15	18.3	9.8	14.1	+0.1	22.2	1	1.1	6	-	-	1.86	65	.50	18	12	10	0	-	0	0	1	1	0	-	2	-	-
	Carnoustie ...	9 9	29	18.4	10.8	14.6	-	22.2	30	3.9	4	17.2	-	1.30	44	.33	18	11	9	0	0	0	0	1	1	0	1	1	6.00	-
	Arbroath §	9 9	95	17.9	10.6	14.3	0.0	22.8	30	5.0	4	-	-	1.01	38	.24	18	13	10	0	0	0	0	1	0	0	0	0	6.06	104
	Montrose ...	9 9	186	18.3	10.3	14.3	-	23.9	30	5.6	4	-	-	1.14	39	.42	18	12	9	0	0	0	0	1	1	0	0	0	-	-
Perth	Dall	9 9	720	16.9	9.3	13.1	-	(22.8)	23	0.6	4	-	-	1.61	-	.44	7	12	9	0	0	0	0	0	0	0	3	0	-	-
	Strathyre ...	9 9	425	17.2	9.7	13.5	-	22.2	22	1.1	4	15.4	13.2	5.08	-	1.62	7	10	9	0	0	0	0	0	0	0	1	0	-	-
	Callander ...	9 9	230	18.3	10.2	14.3	-	23.3	22	4.4	4,29	-	-	4.15	-	1.26	7	18	13	-	0	-	-	-	-	0	0	-	-	-
	Ardtalnaig ...	9 9	427	18.1	10.4	14.3	-	24.4	22	3.9	4	-	-	1.80	-	.51	7	12	8	0	0	0	0	0	0	0	0	1	-	-
	Dunblane ...	9 9	230	-	-	-	-	-	-	-	-	-	-	1.34	-	.36	7	15	7	-	-	-	-	-	-	-	-	-	4.69	-
	Pitlochry ...	9 9	473	18.1	9.6	13.9	-	22.8	23	2.2	4	-	-	.93	-	.22	10	10	6	0	0	0	0	0	0	0	3	0	3.99	-
	Faskally ...	9 9	310	18.4	10.2	14.3	-	22.2	23	3.3	29	15.3	13.0	1.06	-	.26	10	9	6	0	0	0	0	0	0	0	2	0	-	-
	Dunning ...	9 9	250	18.7	10.0	14.3	-	23.9	23	3.9	4	-	-	1.04	-	.40	6	12	5	-	-	-	-	-	0	0	-	-	6.21	-
	Perth	9 9	77	19.2	10.8	15.0	-0.3	23.9	23	4.4	29	-	-	.79	25	.20	7	10	8	0	0	0	0	0	0	0	0	0	6.00	114
	Inveralmond ...	9 9	26	19.2	10.1	14.7	-	24.4	23	2.2	29	-	-	1.01	-	.25	10	13	9	0	0	0	0	0	-	0	0	0	-	-
	Blairgowrie ...	9 9	230	18.8	9.9	14.3	-	23.9	23	3.3	4	15.8	-	1.39	-	.31	14	11	8	0	-	0	0	0	-	0	2	0	5.36	-
	Glenshee Lodge	9 9	1100	16.9	8.0	12.5	-	21.7	30	1.1	6	13.7	-	2.16	-	.50	10	14	10	0	0	0	0	0	0	0	5	1	-	-
Fife	Pitreavie ...	9 9	130	18.8	10.5	14.7	-	23.3	23	5.7	29	-	-	.88	-	.26	7	8	6	0	0	0	0	0	0	0	0	0	-	-
	Ballingry ...	9 9	425	18.2	9.8	14.0	-	22.2	23	5.6	4,6,29	14.1	11.2	1.66	-	.50	7	12	7	0	0	0	0	0	1	0	2	3	5.83	-
	Kirkcaldy ...	9 9	137	18.5	10.7	14.6	-0.5	22.8	23	5.0	4	-	-	1.27	41	.38	10	11	9	0	0	0	0	0	1	0	0	0	4.92	-
	Cupar	9 9	82	19.3	10.0	14.7	-	25.0	23	6.1	4	14.9	-	.96	-	.20	10	9	7	0	0	0	0	1	0	0	0	1	-	-
	Leuchars ...	21-9	35	19.0	10.0	14.5	-0.4	23.2	30	4.5	4,6	-	-	.89	31	.17	18	11	9	0	0	0	0	1	0	0	1	1	6.43	112
	St. Andrews ...	9 9	13	18.7	10.5	14.6	-0.1	22.2	1,30	2.8	4	14.7	12.8	.82	29	.15	13	11	8	-	0	-	-	-	0	0	0	-	6.04	106

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	17.3	9.8	13.5	-	21.7	22,23	6.1	13	-	-	.71	-	.15	19	11	8	-	-	-	-	-	8	0	-	-	5.09	100
	Turnhouse ...	21-9	114	18.6	10.6	14.6	-0.2	23.2	23	5.0	6	-	-	.65	22	.23	7	9	6	0	0	0	0	0	1	0	0	1	5.12	-
	Edinburgh—E. Craigs	9 9	200	18.2	10.6	14.4	-	22.8	23	5.6	29	-	-	.58	-	.19	7	7	5	0	0	0	0	0	1	0	0	0	4.55	-
	Davidson's Mains	9 9	200	18.6	10.8	14.7	-0.8	23.3	23	6.1	29	15.9	-	.71	-	.25	7	8	6	0	0	0	0	0	1	0	0	1	4.94	-
	Penicuik	9 9	620	17.9	9.8	13.9	-	22.2	23	5.0	6	14.9	-	1.33	-	.52	7	8	6	0	0	0	0	0	1	0	0	0	4.49	-
	Bush House ...	9 9	605	17.0	9.8	13.4	-	21.1	23	3.9	6	14.4	12.4	1.24	-	.54	7	9	5	0	0	0	0	0	1	0	0	2	5.40	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	18.7	10.7	14.7	-0.2	22.8	23	6.7	4,6	-	-	.48	16	.13	10	6	5	0	0	0	0	0	1	0	0	6	5.43	104
	Liberton ...	9 9	200	19.1	10.9	15.0	-0.1	22.8	23	6.1	6,29	-	-	.38	-	.17	10	5	3	-	0	-	-	-	0	0	0	-	5.92	-
	Royal Bot. Gdns.	9 9	74	18.6	10.9	14.7	-0.5	22.2	22,23	6.1	29	15.8	-	.50	-	.15	7	7	4	0	0	0	0	0	1	0	0	1	5.50	101
E. Lothian	Haddington ...	9 9	162	19.0	10.5	14.7	-	23.3	23	3.3	6	-	-	.56	-	.17	13	9	5	0	0	0	0	1	1	0	0	1	5.58	-
	North Berwick ...	9 9	152	18.4	11.4	14.9	+0.1	22.2	23	(6.1)	6	-	-	.83	31	.26	13	9	8	-	0	-	-	-	1	0	-	-	6.33	117
	Dunbar ...	9 9	75	18.3	10.8	14.5	-0.1	21.7	15,30	6.1	6	-	-	.64	-	.20	13	10	5	0	0	0	0	1	1	0	0	0	7.31	126
Berwick	Mertoun ...	9 9	225	18.9	9.9	14.4	-	24.4	23	2.2	6	-	-	.45	-	.17	10	10	4	-	-	-	-	-	-	0	6	-	5.06	-
	Lauder	9 9	600	17.8	9.2	13.5	-	22.2	23	1.7	6	-	-	.93	-	.36	10	11	7	0	0	0	0	1	0	0	1	0	5.15	-
	Marchmont ¶§	9 9	498	18.2	9.8	14.0	-0.5	22.8	23	4.4	6	-	-	.72	24	.18	10	8	6	0	0	0	0	1	0	0	-	4	5.86	117 S
	Whitchester ...	9 9	838	17.5	9.1	13.3	-	22.8	23	3.3	4	-	-	.87	-	.22	10	14	7	0	-	0	0	1	-	0	-	1	-	-
	St. Abb's Head ...	9 9	245	17.5	10.9	14.2	-	23.0	30	7.6	6	-	-	-	-	-	-	8	4	0	0	0	0	0	2	0	0	4	-	-
Peebles	Stanhope Farm	9 9	741	17.1	9.3	13.2	-	21.7	23	2.8	4	-	-	1.98	-	.75	7	14	11	0	0	0	0	0	0	0	1	0	-	-
	Blyth Bridge ...	9 9	830	16.4	9.4	12.9	-	20.0	22,23	3.9	4	-	-	1.30	-	.41	7	13	8	0	0	0	0	0	0	0	0	1	3.71	-
	West Linton ...	9 9	800	16.6	9.1	12.9	-	20.6	22	2.8	6	14.1	11.9	1.51	-	.42	7	17	8	0	0	0	0	0	0	0	0	0	-	-
	Glentress ...	9 9	580	17.7	8.3	13.0	-	(22.2)	23	1.7	8,13	-	-	.81	-	.23	18	8	6	0	0	0	0	0	0	0	-	0	-	-
Selkirk	Bowhill ...	9 9	600	18.0	10.0	14.0	-	22.8	23	3.3	6	-	-	1.17	-	.43	18	10	8	0	0	0	0	2	1	0	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	18.4	9.5	13.9	-	22.8	23	2.2	6	-	-	1.59	-	.60	21	9	8	-	0	-	-	-	0	0	-	-	-	-
	Sourhope ...	9 9	900	17.7	9.0	13.3	-	22.8	23	1.7	29	-	-	.56	-	.07	24	15	9	-	0	-	-	-	0	0	3	-	4.11	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	15.2	10.8	13.0	-0.7	17.2	15	8.0	20	-	-	2.91	86	.78	6	19	12	0	0	0	0	0	0	0	0	2	4.04	78
	Rhuvaal	21-9	65	15.4	10.8	13.1	-	(20.0)	18	(7.0)	20	-	-	3.56	-	.72	10	22	14	0	0	0	0	0	2	0	0	3	-	-
	Colonsay ...	9 9	87	15.9	10.6	13.3	-0.5	20.0	18	6.1	29	-	-	4.11	106	.52	10	26	19	0	-	0	0	0	0	0	-	4	-	-
	Tobermory ...	9 9	270	15.3	10.3	12.8	-	19.4	17	7.2	6	-	-	5.53	-	.85	6	21	20	-	-	-	-	-	-	0	0	-	-	-
	Craighouse ...	9 9	10	16.7	11.0	13.9	-	22.2	18	7.2	4	-	-	4.96	-	.65	10	27	21	-	0	-	-	-	0	0	0	-	-	-
	Campbeltown ...	9 9	10	16.8	11.1	13.9	-	20.6	18	8.3	11	-	-	2.40	-	.51	10	13	9	0	0	0	0	0	8	0	-	0	4.08	-
	Achaglachgach ...	9 9	40	17.0	9.7	13.3	-	22.8	18	3.9	4	-	-	5.11	-	.68	6	26	24	0	-	0	0	1	0	0	0	0	-	-
	Oban	9 9	229																											
	Lephinmore ...	9 9	30	16.7	10.7	13.7	-	22.2	20	5.6	4	-	-	6.22	-	1.11	13	22	21	0	0	0	0	0	0	0	0	0	2.85	-
	Glenbranter ...	9 9	120	16.3	10.4	13.3	-0.9	22.2	18	3.3	4	-	-	7.64	125	1.81	7	25	20	-	0	-	-	-	0	0	0	-	-	-
	Benmore Forestry Sch.	9 9	46	17.1	9.9	13.5	-0.9	21.7	18	3.3	4	14.9	-	7.87	123	1.75	13	24	20	0	0	0	0	0	4	0	0	0	-	-
	Younger Bot. Gdns.	9 9	40	16.7	10.8	13.7	-	21.1	18	4.4	4	-	-	7.79	-	1.73	13	25	21	0	0	0	0	0	0	0	0	0	-	-
Bute	Rothesay ¶§	9 9	150	16.6	11.0	13.8	-0.6	20.0	18	8.3	3,6	14.2	12.6	3.41	80	.62	10	23	15	0	0	0	0	0	0	0	0	0	4.35	87
	Millport ...	9 9	16																											
Dunbarton	Helensburgh ...	9 9	293	17.3	10.8	14.1	-0.6	21.7	22	6.7	4	-	-	3.76	90	.84	7	21	15	0	0	0	0	0	0	0	-	0	4.01	86 S
	Cumbernauld ...	9 9	310	18.5	10.2	14.3	-	22.8	22	5.0	6,29	-	-	2.08	-	.61	7	11	9	0	0	0	0	0	0	0	0	0	-	-
Stirling	Earls Hill ...	9 9	1100	15.6	8.4	12.0	-	20.5	22	2.6	8	-	-	3.33	-	1.32	7	17	11	-	-	-	-	-	1	0	0	-	5.23	-
	Stirling	9 9	151	18.8	11.2	15.0	-0.4	24.4	22	(5.0)	29	17.6	13.1	1.35	43	.50	7	10	6	0	0	0	0	0	0	0	0	0	5.22	-
	Falkirk	9 9	100	-	-	-	-	-	-	-	-	-	-	1.18	-	.61	7	6	4	-	-	-	-	-	-	-	-	-	-	-
Renfrew	Greenock ...	9 9	200	16.9	11.3	14.1	-1.0	20.0	5,20	8.3	4	-	-	4.76	117	1.12	7	18	15	0	0	0	0	0	0	0	0	0	4.23	-
	Paisley	9 9	106	17.9	11.6	14.7	-0.9	21.1	22,5,20	7.8	4	15.4	12.3	2.28	70	.64	7	14	10	0	0	0	0	0	0	0	0	2	4.09	81
	Barrhead ...	9 9	97	17.3	11.1	14.2	-	21.1	22	5.0	4	-	-	2.31	-	.68	7	14	12	0	0	0	0	0	0	0	0	0	-	-
	Renfrew ¶§	21-9	26	17.8	11.1	14.5	-0.6	21.5	22	5.7	4	-	-	1.77	57	.46	7	15	12	0	0	0	0	0	0	0	0	0	4.56	89 S
Lanark	Crossmyloof ...	9 9	75	18.0	11.3	14.7	-	21.7	5,22	7.2	6	-	-	1.60	-	.52	7	12	9	0	0	0	0	0	0	0	0	0	5.07	-
	Thorntonhall ...	9 9	453	16.8	10.2	13.5	-	19.4	5,22,23	5.0	4	-	-	1.95	-	.43	7	15	10	0	0	0	0	0	-	0	1	0	-	-
	Glasgow, Springburn	9 9	351	17.9	10.6	14.3	-0.6	21.7	5,22	6.7	4	-	-	1.82	55	.42	7	16	12	0	0	0	0	0	0	0	0	1	4.66	95
	Coatbridge ...	9 9	256																											
	Happendon Station	21-9	675	16.5	9.3	12.9	-	20.8	20	2.5	4	13.9	-	2.11	-	.72	7	18	13	0	0	0	0	0	0	0	1	2	3.53	-
	Lowther Hill ...	21-9	2377	11.5	6.5	9.0	-	16.0	18	3.5	3	-	-	-	-	-	-	-	-	0	-	0	0	1	20	0	-	11	2.72	-
	Leadhills ...	9 9	1270	15.7	8.7	12.2	-	20.2	23,20,22	3.3	4,13	-	-	3.09	-	.68	7	19	10	0	0	0	0	0	0	0	0	0	-	-
	Carnwath ...	9 9	706	17.0	8.7	12.9	-	21.7	20	3.9	4,6,16	-	-	1.50	-	.58	7	18	9	0	0	0	0	0	0	0	-	5	-	-
	Camps Reservoir	9 9	969	15.4	8.7	12.1	-	18.9	22	3.3	4,13	-	-	2.49	-	.80	7	20	10	0	0	0	0	0	0	0	-	1	-	-
Ayr	Turnberry ...	9 9	25	17.4	10.8	14.1	-0.6	20.0	15	7.2	4,5	-	-	2.18	-	.52	7	19	11	0	0	0	0	0	0	0	-	0	3.67	-
	Largs	9 9	20	16.9	11.4	14.1	-1.1	20.6	17	6.7	5	-	-	3.03	-	.83	7	16	10	0	0	0	0	0	0	0	0	0	2.90	-
	Barr	9 9	400	16.8	9.8	13.3	-	20.6	16	2.8	4	-	-	4.15	-	.96	13	23	16	0	0	0	0	0	1	0	-	1	-	-
	Auchincruive ...	9 9	147	16.8	10.9	13.9	-0.8	20.0	15,18	6.7	6	13.9	12.1	2.41	72	.80	7	16	12	0	0	0	0	0	0	0	0	0	3.94	81
	Prestwick Airport	21-9	51	17.1	11.2	14.1	-	20.4	18	6.6	13	-	-	2.15	68	.73	7	14	10	0	0	0	0	0	0	0	0	0	4.26	-
	Kilmarnock ...	9 9	115	17.1	10.8	13.9	-1.0	20.0	16,18	6.7	6	15.2	12.5	2.37	-	.62	7	15	13	0	0	0	0	0	0	0	0	0	3.84	76
Dumfries	Dalmacallan ...	9 9	480	16.6	9.4	13.0	-	20.0	22,23	4.4	26	-	-	3.35	-	.94	7	12	12	0	0	0	0	2	0	0	0	0	-	-
	Dumfries ¶§	9 9	140	17.3	10.5	13.9	-1.1	21.1	22,23	6.1	12,26	14.7	13.0	1.96	51	.69	7	12	9	0	-	0	0	1	0	0	0	0	4.92	100
	Eskdalemuir Obs'y. ¶§	21-9	794	17.0	8.8	12.9	-0.6	21.1	23	2.4	6	14.0	11.4	3.91	78	1.22	7	14	13	0	0	0	0	2	0	0	0	0	4.59	102
Kirkcudbright	Bargrennan ...	9 9	360	16.9	9.4	13.1	-	21.7	19	5.0	3	-	-	3.88	-	1.22	13	22	16	0	0	0	0	0	0	0	2	0	-	-
	Palnure	9 9	50	16.8	9.4	13.1	-	21.7	18	4.4	4,6,26	-	-	3.22	-	.90	13	16	14	0	0	0	0	0	0	0	0	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	5.98	-	1.37	7	16	13	-	-	-	-	-	-	-	-	-	4.11	-
	Glenlee	9 9	181	18.1	10.2	14.1	-0.7	21.7	18,19	3.3	26	-	-	3.74	-	1.04	7	15	12	0	0	0	0	0	0	0	0	0	-	-
	Dundeugh ...	9 9	390	16.8	9.4	13.1	-	21.7	18	2.2	26	12.7	-	3.08	-	1.03	7	14	12	0	0	0	0	0	0	0	-	0	-	-
	Glenlochar Barrage	9 9	154	17.8	10.3	14.1	-	22.8	23	5.0	26	-	-	2.93	-	.95	7	16	12	-	0	-	-	-	0	0	-	-	-	-
	Threave ...	9 9	240	17.7	10.2	13.9	-	21.7	23	5.6	26	-	-	3.05	-	.94	7	13	10	0	0	0	0	0	0	0	0	0	-	-
	Castle Douglas ...	9 9	196	17.6	-	-	-	21.7	23	-	-	14.3	-	2.82	-	.91	7	16	10	-	0	-	-	-	0	-	0	-	5.38	-
Wigtown	West Freugh ...	21-9	50	16.8	10.5	13.7	-	21.5	18	4.4	26	-	-	1.83	60	.50	13	13	10	-	-	-	-	-	-	0	-	-	4.83	-
	Penwhirn ...	9 9	546	-	9.7	-	-	-	-	5.0	4	-	-	4.42	-	1.30	13	14	14	0	0	0	0	0	1	0	0	0	3.60	-
	Mull of Galloway	21-9	257	16.3	11.0	13.7	-	19.6	21	7.9	4	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	-	3	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	17.3	11.4	14.3	-	21.0	18	8.4	7,16	-	-	1.34	58	.33	10	13	8	0	0	0	0	1	1	0	0	1	5.32	-
	Douglas	9 9	284	16.9	11.3	14.1	-0.4	20.0	18	8.3	4	-	-	2.04	66	.59	13	16	12	0	0	0	0	1	0	0	0	0	5.25	86
	Point of Ayre ...	21-9	30																											
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	17.3	8.3	12.8	-	21.7	23	1.1	6	15.2	-	2.83	67	.85	18	17	10	0	0	0	0	1	1	0	0	0	-	-
	Bellingham ...	9 9	849																											

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in (0·2mm.) or more	·04in (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2 ENGLAND. N.E.—cont.																													
Northumberland cont. Haydon Bridge	9 9	270																											
Corbridge ...	9 9	160	18.9	9.8	14.3	-	23.9	17	2.2	6	-	-	1.31	-	.66	18	11	6	0	0	0	0	1	0	0	0	0	-	-
Berwick-on-Tweed	9 9	76	17.7	10.7	14.2	-0.3	21.1	16	5.0	6	-	-	.91	38	.28	18	9	7	0	0	0	0	2	0	0	0	1	6.13	112
Cockle Park ¶§	9 9	326	18.3	9.9	14.1	-0.4	21.7	16,24	5.0	6	14.8	-	1.02	36	.68	18	9	5	0	0	0	0		0	0	0	1		
Acklington ...	21-9	138	18.4	10.2	14.3	-	22.5	15	3.6	6	-	-	1.05	-	.66	18	14	4	0	0	0	0	2	0	0	0	0	6.29	- S
Tynemouth ...	21-9	95	18.1	12.0	15.1	0.0	23.0	24	7.4	6	-	-	1.11	37	.75	18	9	4	0	0	0	0	3	0	0	0	0	5.89	108
Durham Chopwellwood ...	9 9	446	18.7	10.2	14.5	-0.5	22.8	17	4.4	6	-	-	1.22	40	.67	18	13	7	0	0	0	0	1	0	0	0	0	-	-
Ushaw College ...	9 9	594	18.4	10.3	14.3	-0.7	23.3	17	5.0	6	-	-	1.23	43	.76	18	9	6	0	0	0	0	1	4	0	-	2	-	-
Houghall ...	9 9	123	19.6	9.4	14.5	-0.7	25.0	17	1.1	6	-	-	2.02	69	1.44	18	10	6	0	0	0	0	2	0	0	1	0	5.50	106
Durham ¶§	9 9	336	19.2	10.2	14.7	-0.6	23.9	17	3.3	6	15.1	12.9	1.63	58	1.08	18	10	6	-	0	-	-	-	-	0	0	-	5.23	102
Gateshead ...	9 9	509	18.2	11.2	14.7	-	23.3	17	6.7	6	-	-	1.17	-	.81	18	9	4	-	0	-	-	-	0	0	0	-	4.80	-
Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hartlepool	9 9	30	19.1	11.9	15.5	-	22.8	14,16,25	5.6	6	-	-	2.05	-	1.49	18	7	3	0	0	1	0	1	0	0	0	1	5.38	-
Yorks., N. Riding Dishforth ...	21-9	105	20.3	11.4	15.9	-	26.2	17	4.6	6	-	-	1.56	63	.65	18	12	7	0	0	0	0	2	0	0	0	0	5.90	-
Thirsk	9 9	111	20.3	10.5	15.4	-	25.0	17	3.3	6	-	-	2.14	-	1.41	18	9	6	0	0	0	0	3	0	0	0	0	-	-
York ... ¶§	9 9	57	20.7	11.9	16.3	-0.3	25.6	17	6.7	6	16.8	14.6	1.13	46	.31	14	12	12	0	0	0	0	2	0	0	-	0	6.00	107
Ampleforth ...	9 9	313	19.2	10.6	14.9	-0.6	23.3	17	4.4	6	-	-	1.08	37	.28	14	9	7	-	-	-	-	-	0	0	0	-	-	-
Redcar	9 9	25	19.3	12.2	15.7	-	23.9	16	5.6	6	-	-	.77	31	.29	18	12	5	-	0	-	-	-	0	0	-	-	5.65	-
Pickering ...	9 9	143	20.0	9.7	14.9	-	25.0	17	1.5	6	-	-	.98	-	.28	14	9	7	0	0	0	0	2	0	0	1	0	-	-
Whitby	9 9	135	18.8	11.6	15.2	-	23.9	15,17	6.1	6	-	-	.85	34	.23	18	7	5	0	0	0	0	2	1	0	-	0	5.69	103
Scarborough ¶§	9 9	118	19.9	12.0	15.9	-0.1	24.4	24	7.2	6	16.4	14.3	.83	33	.26	14	9	6	0	0	0	0	0	0	0	0	0	6.11	106
Silpho Moor ...	9 9	665	18.5	9.4	13.9	-	23.3	17	5.0	4,6	13.8	-	1.30	-	.37	14	11	8	0	0	0	0	0	2	0	0	0	5.69	-
Whitby C/Guard	21-9	200	18.3	11.4	14.9	-	25.5	14	5.0	6	-	-	.59	-	.20	18	6	4	0	0	0	0	2	0	0	0	0	-	-
Yorks., E. Riding High Mowthorpe	9 9	574	19.2	9.8	14.5	-	23.3	17,25	3.9	6	15.2	-	1.23	42	.30	14	11	9	0	0	0	0	0	0	0	0	0	6.15	-
Hull	9 9	8	20.4	12.2	16.3	-0.5	25.0	15	5.6	5,6	15.8	12.3	1.32	55	.27	17	12	7	0	0	0	0	2	0	0	0	0	5.93	105
Leconfield ...	21-9	24	20.0	11.1	15.5	-	24.7	14,17	3.7	6	-	-	1.27	-	.27	14,18	9	8	0	0	1	0	3	0	0	1	0	5.53	-
Filey	9 9	122	18.8	10.6	14.7	-	23.9	14	4.4	6	-	-	.86	-	.33	14	9	7	0	0	0	0	1	0	0	0	0	5.67	-
Bridlington ...	9 9	157	19.2	10.2	14.7	-	23.9	14	3.3	6	-	-	1.03	-	.35	14	10	8	0	0	0	0	2	0	0	1	2	5.37	-
Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln Gainsborough ...	9 9	110																											
Navenby ...	9 9	60	21.6	10.9	16.3	-	26.1	17	2.8	6	-	-	1.15	-	.35	26	10	6	0	0	0	0	3	0	0	0	0	-	-
Waddington ...	21-9	224	20.6	11.7	16.1	-0.2	25.4	17	7.1	6	-	-	1.01	-	.24	26	10	6	0	0	0	0	3	0	0	0	0	6.20	-
Lincoln	9 9	22	21.0	9.4	15.2	-	25.0	17	0.0	6	16.3	13.9	.82	-	.18	14	9	7	0	0	0	0	0	0	0	1	0	6.02	-
Cranwell ¶§	9 9	205	20.7	11.5	16.1	-0.2	25.6	17	5.7	6	16.8	14.2	1.21	48	.33	26	8	8	0	0	0	0	3	0	0	0	0	6.74	113 S
Binbrook ...	21-9	353	19.7	11.3	15.5	-	24.1	17	4.6	6	-	-	1.44	-	.34	11	10	8	0	0	0	0	4	0	0	0	0	-	-
Cleethorpes ...	9 9	23	-	12.3	-	-	-	-	7.2	5,6	-	-	1.52	68	.51	11	9	8	0	0	0	0	2	0	0	0	0	6.32	103
Manby	21-9	55	20.6	11.3	15.9	-	25.7	30	4.8	6	-	-	1.36	-	.33	26	12	8	0	0	0	0	3	0	0	0	0	6.50	-
Skegness ...	9 9	15	20.1	11.8	15.9	-0.3	25.6	30	5.6	6	-	-	1.22	55	.39	14	5	5	0	0	0	0	1	0	0	0	0	6.59	108
3 ENGLAND. E.																													
Norfolk Terrington St. Clement ...	9 9	13	21.4	11.4	16.4	-	26.1	30	5.0	5	17.0	-	1.03	48	.19	11	9	7	0	0	0	0	0	0	0	0	0	7.47	-
Marham ...	21-9	76	21.3	11.8	16.5	-	26.1	14	4.3	5	-	-	1.62	-	.33	11,18	9	8	0	0	0	0	1	0	0	0	0	-	-
Santon Downham	9 9	80	22.3	9.9	16.1	-	26.7	14,25,30	0.6	5,6	16.5	14.1	1.22	-	.33	11	10	7	-	0	-	-	-	0	0	4	-	6.41	-
West Raynham ...	21-9	250	20.9	11.4	16.1	-	25.4	14	5.4	5	-	-	1.39	-	.37	7	12	7	0	0	0	0	1	0	0	1	0	7.45	-
Cromer	9 9	178	19.9	11.9	15.9	-0.5	26.1	14	6.7	5	-	-	.90	34	.24	7	8	7	-	0	-	-	-	0	0	1	-	7.35	117
Sprowston ¶§	9 9	93	20.9	11.4	16.1	-0.5	26.7	25	2.8	5	16.3	-	.95	37	.23	11	8	6	0	0	0	0	1	0	0	2	2	6.37	102 S
Coltishall ...	21-9	55	20.9	11.2	16.1	-	26.4	25	2.0	5	-	-	.86	-	.20	7	10	6	0	0	0	0	1	0	0	1	0	-	-
Burlingham ...	9 9	89	20.9	11.5	16.2	-	26.1	25	3.9	5	-	-	.78	31	.20	11	12	5	0	0	0	0	1	0	0	0	0	6.82	-
Gorleston ¶§	21-9	12	19.7	12.7	16.2	-0.1	26.2	25	6.4	5	17.0	14.6	1.50	65	.45	12	8	6	0	0	0	0	1	0	0	0	0	7.26	107
Suffolk Mildenhall	21-9	15	22.3	12.2	17.3	+0.5	27.3	30	5.9	6	-	-	1.05	43	.28	11	8	7	0	0	0	0	1	0	0	0	0	7.08	113
East Bergholt ...	9 9	14	22.7	11.0	16.9	-	28.9	25	3.9	5	-	-	.72	-	.25	10	10	6	0	0	0	0	1	0	0	0	0	-	-
Wattisham ...	21-9	292	21.4	11.3	16.3	-	26.7	25	5.0	6	-	-	1.42	-	.43	12	9	5	0	0	0	0	2	0	0	0	0	-	-
Aldeburgh ...	21-9	15	20.3	13.7	17.0	-	24.2	24	8.6	6	-	-	-	-	-	-	-	-	0	-	0	0	3	0	0	-	0	-	-
Lowestoft ...	9 9	82	20.6	12.3	16.5	+0.1	27.2	25	4.4	5	16.8	14.8	.97	42	.25	26	7	6	0	0	0	0	2	0	0	0	0	6.97	104
Cambridge Boxworth ...	9 9	157	21.8	11.7	16.7	-	26.1	25	6.1	6	-	-	.68	30	.20	10	8	6	0	0	0	0	1	0	0	0	0	6.93	-
Cambridge Bot. Gdn. ¶	9 9	41	22.4	11.9	17.1	+0.1	26.7	25	6.1	5,6	18.2	15.8	1.31	54	.23	12	9	8	0	0	0	0	1	0	0	0	-	-	-
* Cambridge N.I.A.B. §	9 9	85	22.2	12.2	17.2	-	26.7	25	6.7	6	-	-	1.53	65	.30	18	9	8	0	0	0	0	1	1	0	0	0	6.39	106
Huntingdon Monkswood ...	9 9	103	21.5	10.9	16.2	-	25.0	14,30	5.6	5,6	17.7	-	1.16	-	.24	18	9	7	0	0	1	0	2	0	0	0	0	-	-
Wyton	21-9	129	21.7	12.2	16.9	-	25.6	14	6.9	6	-	-	.91	-	.21	10	7	7	0	0	0	0	1	0	0	0	0	-	-
Bedford Woburn	9 9	291	21.2	11.4	16.3	0.0	25.6	17	5.6	5,6	17.3	13.8	.92	38	.17	7,18	8	7	0	0	0	0	2	0	0	0	0	5.95	100
Luton	9 9	379		12.0					6.7	6	15.5	12.8	.77	32			9	6	-	0	-	-	-	1	0	-	-		
Silsoe	9 9	195	21.4	11.6	16.5	-	26.7	25	6.1	5,6	16.9	13.7	.74	30	.14	10,18	7	7	0	0	0	0	1	0	0	0	0	5.75	-
Cardington ...	21-9	93	22.0	11.1	16.5	-	26.4	17	4.6	6	16.7	14.2	1.14	55	.24	18	7	7	0	0	0	0	2	0	0	0	0	6.01	-
Letchworth ...	9 9	209	22.1	12.2	17.1	-	26.7	16,17,25	6.7	6	-	-	.81	-	.20	10	9	7	-	-	-	-	-	0	0	0	-	-	-
Hertford Bovingdon ...	21-9	516	20.9	11.6	16.3	-	25.8	17	7.8	4,6	-	-	2.65	-	1.50	21	10	9	0	0	0	0	2	0	0	0	0	-	-
Garston ...	9 9	256	21.7	12.0	16.9	-	26.7	17	7.2	6	-	-	1.68	-	.46	21	9	8	0	0	0	0	2	0	0	0	0	7.05	-
Rothamsted ¶§	9 9	420	21.6	11.3	16.5	+0.4	26.7	25	7.2	4,5,6	16.9	13.4	1.24	46	.24	7	10	10	0	0	0	0	2	0	0	0	0	6.11	103
St. Albans ...	9 9	272	21.8	11.8	16.8	+0.3	26.1	17,25	7.2	6	16.6	-	2.31	97	1.36	21	9	8	0	0	0	0	1	0	0	0	0	-	-
Stanstead Abbotts	9 9	97	22.4	12.0	17.2	-	27.2	26	6.7	10	18.1	16.5							-	0	-	-	-	0	0	0	-	-	-
Hoddesdon ...	9 9	153	22.1			-	27.2	25	7.8	5,6,10	18.6	-	1.18	-	.36	21	11	6	0	0	0	0	1	-	0	0	0	-	-
Eastwick Lodge	9 9	137	23.2	11.6	17.4	-	27.8	25	6.1	6	-	-	2.04	87	.90	21	11	7	-	0	-	-	-	0	0	-	-	-	-
Essex Stansted ...	9 9	331	21.4	12.1	16.7	-	25.9	25	7.4	6	-	-	1.03	-	.34	12	10	8	0	0	0	0	4	0	0	0	0	-	-
Writtle	9 9	105	22.6	11.6	17.1	-	27.2	25	6.1	5	16.9	-	.94	42	.25	12	9	7	0	0	0	0	4	0	0	0	0	7.20	-
Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Southend ...	9 9	90	22.6	13.6	18.1	-	27.8	25	9.4	5,6,10	-	-	.92	46	.26	12	10	7	0	0	0	0	3	0	0	0	0	6.25	92
Maldon	9 9	14	22.8	12.7	17.7	-	28.3	25	7.2	5	-	-	.87	-	.23	10,18	11	7	0	-	0	0	2	0	0	-	0	-	-
Earls Colne ...	9 9	160	22.6	11.9	17.3	-	28.3	25	5.0	5	17.5	14.9	1.25	53	.38	18	7	6	-	0	-	-	-	0	0	0	-	-	-
Shoeburyness ¶§	21-9	7	21.8	13.7	17.7	+0.3	25.6	14,25	8.8	5	-	-	1.03	52	.37	18	8	6	0	0	0	0	3	0	0	0	0	7.25	106
Clacton-on-Sea ...	9 9	53	20.8	13.7	17.3	-	24.4	24,28	8.3	5,6	18.0	15.6	.95	45	.35	10	8	8	0	0	0	0	1	0	0	0	1	7.26	106
Walton-on-Naze	21-9	15	20.9	13.4	17.1	-	24.9	24	6.9	5	-	-	.76	-	.34	10	8	6	0	0	0	0	3	0	0	0	0	7.49	-
Dovercourt ...	9 9	11	21.2	11.9	16.5	-0.6	25.0	15,25	4.4	5	-	-	1.03	-	.28	10	9	8	0	-	0	0	3	0	0	1	0	-	-
4 MIDLAND COUNTIES																													
Yorks., W. Riding Slaidburn ...	9 9	629	17.3	10.8	14.1	-	23.3	17	5.6	27	-	-	5.58	-	1.71	7	19	12	0	0	0	0	2	0	0	0	0	3.63	-
Malham Tarn ...	9 9	1297	15.4	9.3	12.3	-	20.6	17	5.0	5	14.2	-	5.39	115	1.53	18	18	14	0	0	0	0	1	0	0	2	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost ↓	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	19.3	12.1	15.7	-0.2	25.0	17	6.7	13	16.0	13.7	2.76	-	.77	21	14	8	-	0	-	-	-	0	0	0	-	5.55	111
	" Oakes	21-9	761	18.8	10.9	14.9	-0.5	24.3	17	6.4	5	14.2	11.7	3.23	107	.73	18	17	8	0	0	0	0	4	1	0	1	1	5.02	97
	Bradford ¶	9 9	439	18.4	11.6	15.0	-0.6	23.9	17	6.7	27	15.1	13.0	2.03	70	.64	18	13	10	0	0	0	0	2	0	0	0	0	-	-
	Ilkley	9 9	315	19.4	11.7	15.5	-0.2	25.0	17	6.1	27	-	-	2.26	73	.68	18	12	11	0	0	0	0	1	0	0	-	0	4.99	98
	Sheffield ...	9 9	429	19.8	11.9	15.9	-0.4	24.4	17	7.8	13,14	16.6	13.4	2.00	72	.47	7	12	9	0	0	0	0	3	-	0	0	0	5.96	112
	Wakefield ...	9 9	121	20.6	11.8	16.2	-0.4	25.0	17	6.1	13	15.8	13.2	3.23	127	1.59	18	15	11	0	0	0	0	3	0	0	1	0	-	-
	Pontefract ...	9 9	255	19.3	11.6	15.5	-0.4	23.9	17	7.2	6	-	-	1.86	78	.70	16	12	10	0	0	0	0	5	0	0	0	0	-	-
	Bramham ...	9 9	177	20.0	10.8	15.4	-	25.0	17	5.0	6	-	-	1.59	58	.35	14,17	14	9	0	0	0	0	2	0	0	0	0	6.03	-
	Cawood	9 9	20	20.4	10.3	15.3	-	25.0	17	3.9	6	16.0	14.2	1.94	75	.58	16	10	9	0	0	0	0	2	0	0	0	0	5.68	-
	Askham Bryan ...	9 9	110	20.4	10.7	15.5	-	25.0	18	5.6	6	-	-	1.16	45	.30	14	12	8	0	0	0	0	0	0	0	0	0	5.87	111
Derby	Buxton	9 9	1007	17.1	10.9	14.0	-0.3	21.6	16,17,24	5.5	13	15.1	13.3	5.29	136	1.33	7	16	13	0	0	0	0	3	2	0	0	0	-	-
	Chapel en le Frith	9 9	732	18.1	10.9	14.5	-	22.8	18,24	5.0	27	-	-	4.51	-	1.23	18	19	13	0	0	0	0	2	1	0	0	0	-	-
	Mackworth ...	9 9	293	20.0	11.0	15.5	-	23.3	16,24,30	5.5	5	-	-	1.79	-	.34	14,26	12	7	-	0	-	-	-	0	0	0	-	-	-
	Belper	9 9	203	20.7	10.9	15.8	-0.4	26.1	24	6.1	5	-	-	2.06	75	.50	14	12	9	0	0	0	0	2	-	0	-	0	-	-
	Derby	9 9	159	20.6	12.3	16.5	-	25.0	24	7.7	5	-	-	1.89	-	.39	21	12	8	0	0	0	0	3	0	0	0	0	6.91	-
	Morley	9 9	350	19.9	11.1	15.5	-	23.9	17	6.1	5	-	-	1.89	71	.34	14	11	9	0	0	0	0	1	-	0	0	0	6.24	-
	Chesterfield ...	9 9	298	20.1	11.2	15.7	-	23.9	16,30	6.1	5	-	-	2.30	-	.82	17	11	10	0	0	0	0	2	0	0	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	20.1	11.3	15.7	-0.7	27.2	16	6.1	5	16.2	14.6	2.24	95	1.35	21	10	6	0	0	0	0	1	0	0	0	0	6.33	115
	Watnall	21-9	385	20.2	11.3	15.7	-	25.1	16	6.2	5	-	-	1.61	59	.38	14	12	8	0	0	0	0	2	1	0	0	0	5.77	105
	Nottingham Training College ...	9 9	169	20.3	11.7	16.0	-	25.0	17	7.2	5,6	-	-	1.41	-	.34	26	12	11	-	-	-	-	-	0	0	-	-		
	Mansfield ...	9 9	362	19.6	11.9	15.7	-0.5	23.9	30	7.2	5,6	16.7	-	1.72	64	.30	22	9	9	0	0	0	0	1	0	0	0	0	-	-
	Nottingham ¶§	9 9	192	20.6	12.4	16.5	-0.2	24.5	17	7.2	5	16.6	15.5	1.76	70	.38	22	9	8	0	0	0	0	1	0	0	0	0	5.20	102
	Warsop	9 9	150																										5.63	-
	Finningley ...	21-9	34	21.0	12.1	16.5	-0.1	27.1	17	7.6	6	-	-	1.77	-	.44	22	13	10	0	0	0	0	4	0	0	0	0	5.87	-
Leicester	Newtown Linford	9 9	392	20.4	10.7	15.5	-	23.9	17	6.1	5	-	-	2.45	-	.93	21	12	9	0	0	0	0	1	0	0	0	0	6.19	-
	Caldecott ...	9 9	175	21.7	10.5	16.1	-	25.5	15,17	5.0	5,7	-	-	1.06	-	.35	21	8	6	-	0	-	-	-	0	0	0	-	6.27	-
Northampton	Bugbrooke Mills	9 9	228	21.5	10.3	15.9	-	26.1	17	4.5	7	16.9	13.7	.78	-	.17	10	7	6	0	0	0	0	0	0	0	-	0	6.80	-
	Raunds	9 9	193	22.0	11.3	16.6	-	25.5	16,25,30	5.5	6	17.5	13.3	1.09	50	.24	7	10	7	0	0	0	0	1	0	0	0	0	5.81	-
	Wittering ...	21-9	212	21.4	11.6	16.5	-	25.3	30	6.3	6	-	-	.80	-	.19	14	8	6	0	0	0	0	1	0	0	1	0	6.80	-
Warwick	Birmingham K.E.S.*	9 9	450	20.1	12.3	16.2	-	23.3	16,18,24	8.3	6,10	-	-	1.60	-	.31	21	13	8	0	0	0	0	0	1	0	-	0	-	-
	Edgbaston ¶§	21-9	536	19.7	12.3	16.0	-0.2	23.5	16,18	8.8	10	13.0	11.7	1.75	61	.38	11	12	9	0	0	0	0	1	0	0	0	0	5.84	109
	Luddington ...	9 9	138	21.7	11.1	16.4	-	25.5	17	5.5	7	-	-	.90	39	.33	11	6	5	0	0	0	0	0	0	0	0	0	6.37	-
	Stratford on Avon	9 9	160	21.6	11.1	16.3	-	25.5	16,17,24	4.5	7	18.7	-	.94	42	.28	11	9	5	0	0	0	0	1	0	0	0	0	6.01	-
	Elmdon	21-9	319	20.6	11.7	16.1	-	24.0	17	8.2	4	-	-	1.58	61	.29	7	15	8	0	0	0	0	1	0	0	0	0	6.52	-
	Shipston on Stour	9 9	365	20.9	11.6	16.3	-	25.0	17,18	7.8	7	16.5	-	.57	-	.18	11	6	5	0	0	0	0	1	1	0	0	-	6.10	-
	Wellesbourne ...	9 9	153	21.0	10.9	15.9	-	25.0	17	5.0	4,7	17.0	15.3	.89	37	.26	11	8	6	0	0	0	0	0	0	0	0	0	5.62	-
	Moreton Morrell	9 9	280	21.1	11.1	16.1	-	25.5	18	6.7	4,13	-	-	2.41	-	.31	11	6	6	0	0	0	0	0	1	0	0	2	5.51	-
	Coventry ...	9 9	338	20.2	11.5	15.9	-0.6	22.8	16,17	6.7	7	16.9	13.3	.99	38	.22	11	12	8	0	-	0	0	0	0	0	0	0	5.46	105
	Rugby	9 9	385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oxford	Oxford ¶§	9 9	208	22.1	12.7	17.4	+0.3	26.7	17,25	7.8	4	18.3	15.7	.83	35	.20	10,14	7	6	0	0	0	0	3	0	0	0	0	6.93	118
	Grendon Underwood	9 9	220	21.8	10.6	16.2	-	26.7	17	5.5	5	17.7	14.7	2.44	-	1.36	21	12	10	0	0	0	0	3	-	0	0	0	6.71	-
Buckingham	Medmenham	9 9	98	22.1	9.9	16.0	-	27.8	17	4.5	10	-	-	1.37	-	.44	12	11	8	-	-	-	-	-	-	0	4	-	-	- S
	Aylesbury ...	9 9	316	21.5	11.5	16.5	-	26.7	17	7.2	4,6,10	-	-	.98	37	.19	10	10	7	0	0	0	0	2	0	0	0	0	6.58	-
Stafford	Keele	9 9	587	18.4	11.1	14.7	-	22.2	16,17,24	5.5	6	15.0	12.5	2.29	76	.49	21	17	11	0	0	0	0	4	1	0	0	0	5.12	-
	Oaken	9 9	409																											
	Stone	9 9	350	19.1	10.4	14.7	-	23.9	17	3.9	6	-	-	2.27	-	.41	14	14	9	0	0	0	0	1	1	0	0	0	5.43	-
	Penkridge ...	9 9	330	19.7	10.9	15.3	-	23.9	24	4.5	6	-	-	2.61	-	1.04	18	12	8	0	0	0	0	1	0	0	0	0	-	-
	Onecote ...	9 9	1350	16.3	9.6	12.9	-	20.5	17,18	5.0	9	12.7	10.4	4.60	-	1.60	18	12	12	0	0	0	0	2	2	0	0	0	4.83	-
Shropshire	Oswestry ...	9 9	570	18.7	11.5	15.1	-	22.3	16	6.1	4	-	-	3.38	-	2.04	17	13	9	0	0	1	0	1	0	0	0	0	4.86	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.17	39	.31	10	11	8	-	-	-	-	-	-	-	-	-	5.01	- S
	Shrewsbury ...	9 9	184	20.3	11.9	16.1	-0.2	23.9	16,24	3.9	6	16.4	15.0	1.64	68	.34	20	11	8	0	0	0	0	1	0	0	1	0	4.59	86
	Shawbury ...	21-9	235	19.8	10.7	15.3	-0.8	23.5	16	3.5	6	-	-	1.96	79	.43	18	14	10	0	0	0	0	3	0	0	3	0	4.93	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.04	-
	Newport ...	9 9	211	16.9	10.3	15.1	-0.5	23.3	16,24	2.8	6	-	-	2.36	89	.72	21	11	8	0	0	0	0	2	0	0		1	4.29	80
Worcester	Malvern	9 9	203	20.8	12.3	16.5	-	23.9	16	7.8	6	17.5	13.9	1.14	44	.26	11	13	7	0	0	0	0	1	2	0	0	0	6.13	102
	Worcester ...	9 9	190	20.9	11.5	16.2	-	24.5	16	5.0	4,7,9	-	-	.81	36	.20	14	7	5	-	0	-	-	-	0	0	0	-	6.13	-
	Pershore Inst. of Hort.	9 9	130	21.9	11.5	16.7	-	26.1	17	5.5	4,7	-	-	1.01	-	.27	21	8	7	-	-	-	-	-	1	0	2	-	6.13	-
	Pershore ...	21-9	114	21.2	11.6	16.4	-	25.1	17	4.0	6	-	-	.95	-	.23	11	8	7	0	0	0	0	0	0	0	0	0	6.07	-
	Halesowen ...	9 9	505	20.2	10.9	15.5	-	23.3	24	5.5	6	15.9	13.2	1.69	-	.35	21	12	9	0	0	0	0	0	0	0	0	0	5.93	-
Hereford	Lyonshall ...	9 9	510	19.9	11.1	15.5	-0.2	22.8	24	5.5	4	-	-	1.12	-	.34	14	8	6	-	-	-	-	-	-	0	0	-	-	-
	Credenhill ...	9 9	246	20.4	11.1	15.7	-	23.9	16	5.5	6	-	-							-	-	-	-	-	0	0	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	20.8	11.5	16.1	-0.4	24.1	16	5.8	4	17.3	15.1	.68	30	.23	14	9	4	0	0	0	0	1	0	0	0	0	5.36	94
	Preston Wynne ...	9 9	274	20.2	10.8	15.5	-	23.3	16,22,24	4.5	4	-	-	1.00	-	.27	14	8	6	0	0	0	0	1	1	0	0	0	5.81	-
Gloucester	Avonmouth ...	9 9	31	20.9	13.6	17.3	-	25.0	16	10.0	13	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	-	-
	Filton	21-9	192	20.6	12.6	16.6	0.0	25.6	17	8.1	4	-	-	1.38	49	.51	7	11	5	0	0	0	0	0	1	0	0	0	5.82	-
	Hempsted ...	9 9	39																											
	Gloucester ...	21-9	79	22.0	12.4	17.2	-	26.3	17	6.2	4	-	-	.75	-	.22	7	9	7	0	0	0	0	1	1	0	0	0	6.10	-
	Cheltenham ...	9 9	214	21.6	12.5	17.1	+0.1	26.7	17	7.2	4	-	-	1.03	44	.25	12	11	7	-	-	-	-	-	-	0	-	-	5.43	-
	Cirencester ...	9 9	443	21.1	10.8	15.9	-	26.1	17	5.5	7	-	-	.93	33	.23	11	8	7	0	0	0	0	0	1	0	0	-	6.55	-
	Little Rissington	21-9	740	20.1	11.7	15.9	-	24.3	17	7.0	4	-	-	1.00	40	.19	11	9	7	0	0	0	0	1	1	0	0	0	5.74	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	22.6	13.8	18.2	+0.2	27.2	17,25	9.5	10	18.9	15.8	1.64	66	.65	21	11	8	0	0	0	0	2	0	0	0	0	-	-
	Hampstead ...	9 9	450	21.9	13.1	17.5	+0.8	26.1	17,25	8.3	10	-	-	1.97	75	.71	21	12	7	0	0	0	0	4	-	0	0	0	6.71	108
	St. James's Park	9 9	27	22.9	14.1	18.5	+0.4	27.8	26	10.0	10	-	-	1.25	54	.41	21	10	8	0	-	0	0	0	-	0	-	0	-	-
	Regent's Park ...	9 9	129	22.7	13.7	18.2	-	27.8	17	9.5	10	-	-	1.66	-	.50	21	10	8	-	0	-	-	-	0	0	0	-	6.26	104
	Camden Square	9 9	121	23.0	13.4	18.2	-0.1	27.8	16,25	9.5	10	19.5	-	1.97	82	.86	21	10	7	-	0	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.63	110
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Greenwich ...	9 9	24	22.5	13.1	17.8	-	27.8	25	8.9	5,6	-	-	.93	42	.23	26	9	5	0	0	0	0	3	0	0	0	0	6.19	103
Middlesex	London (Heathrow) Airport	21-9	82	22.8	13.5	18.1	+0.5	28.3	17	8.8	10	-	-	.80	37	.17	7	9	6	0	0	1	0	3	0	0	0	0	7.09	-
	Hampton ...	9 9	39	22.6	13.7	18.1	-	28.3	17	9.5	4,10	-	-	.85	-	.20	7	11	6	0	0	0	0	3	0	0	0	0	7.33	-
	Southgate ...	9 9	221	22.3	13.1	17.7	-	27.2	25	8.3	6,10	17.0	-	2.95	-	1.70	21	9	7	0	0	1	0	2	0	0	0	0	5.58	-
Surrey	Wisley	9 9	150	22.9	12.1	17.5	+0.4	28.3	17	7.8	4	18.5	15.9	1.18	45	.31	12	10	7	0	0	0	0	3	0	0	0	0	7.10	114
	Mickleham ...	9 9	179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	22.8	13.9	18.3	+0.7	27.5	17	9.6	4	18.4	15.4	1.95	80	1.11	21	11	6	0	0	0	0	3	0	0	0	0	7.24	113
—cont.	Gatwick ... §	21-9	192	22.1	11.1	16.6	-	28.5	17	6.2	10	-	-	1.91	-	1.21	21	10	7	0	0	1	0	2	0	0	0	0	7.16	-
	Waddon ...	9 9	220	22.1	12.5	17.3	0.0	28.3	17	7.3	4	-	-	1.12	46	.31	21	8	6	-	-	-	-	-	-	-	-	-	-	-
	Addington ...	9 9	474	21.7	12.7	17.2	+0.5	27.7	17	8.9	4,10	-	-	1.34	51	.37	21	10	6	-	-	-	-	-	0	0	-	-	-	-
Kent	Bromley ...	9 9	213											.74	32	.15	7	10	7	-	0	-	-	-	0	0	0	-	-	-
	Swanley	9 9	177	22.1	12.0	17.1	-	26.7	25	7.2	2	17.5	-	1.01	-	.35	17	8	6	0	0	0	0	2	0	0	0	0	6.08	-
	Dartford ...	9 9	17	22.7	12.5	17.6	-	27.8	25	7.8	2,5	-	-	1.10	52	.36	12	9	6	0	0	0	0	3	0	0	-	0	-	-
	Tunbridge Wells	9 9	351																											
	Goudhurst ...	9 9	280	21.6	11.2	16.4	-	28.3	17	3.3	5	-	-	.75	30	.30	7	8	6	0	0	0	0	1	0	0	0	0	-	-
	East Malling ¶§	9 9	122	22.7	12.0	17.3	+0.6	28.9	17	6.7	2,5	18.1	15.7	.66	28	.25	7	8	5	0	0	1	0	2	0	0	0	0	6.62	99
	Gillingham ...	9 9	14	23.2	13.5	18.3	-	28.3	18	8.9	2	-	-	.58	-	.16	10	10	5	0	0	0	0	0	0	0	-	0	6.10	-
	Sittingbourne ...	9 9	224	21.6	12.4	17.0	-	26.1	25	7.8	5	17.7	15.3	.81	35	.36	18	7	5	0	0	0	0	1	0	0	0	0	7.25	-
	Isle of Grain ...	9 9	9	22.3	13.6	17.9	-	26.7	18	9.5	2,5	-	-	.77	-	.37	18	8	5	-	0	-	-	-	0	0	0	-	6.79	-
	Faversham ...	9 9	157	22.1	12.6	17.3	-	27.2	18	7.8	5	17.8	15.5	.55	-	.16	18	8	6	0	0	0	0	2	0	0	0	1	7.05	-
	Dungeness ...	21-9	10	19.2	13.8	16.5	+0.2	21.5	24	6.6	5	-	-	1.73	87	.79	21	9	6	0	0	0	0	1	1	0	-	1	-	-
	Wye	9 9	185	21.7	12.2	16.9	+0.3	27.2	17	6.1	5	-	-			.39	18			0	0	0	0	1	0	0	0	0		
	Whitstable ...	9 9	9	21.8	13.7	17.7	-	27.2	14,18	7.7	5	-	-	.60	30	.19	3	7	4	0	0	0	0	1	0	0	-	1	7.37	-
	Folkestone ...	9 9	128	20.1	13.5	16.8	-	24.5	17	8.9	5	-	14.9	1.59	72	.75	21	10	6	0	0	0	0	2	1	0	0	1	7.12	-
	Elmstone ...	9 9	28	21.9	11.9	16.9	-	27.8	14	6.1	2,5	-	-	1.58	-	.62	18	10	5	-	0	-	-	-	0	0	0	-	-	-
	Herne Bay ...	9 9	21	22.2	14.3	18.3	-	28.3	14	10.0	2,5,10	-	-	.97	47	.31	21	9	4	0	0	0	0	1	0	0	-	0	7.38	-
	Dover	9 9	19	20.2	13.8	17.0	+0.2	25.0	17	7.2	5	18.5	16.7	1.42	60	.43	21	9	8	0	0	0	0	2	2	0	0	1	6.86	-
	Deal	21-9	18	20.7	13.6	17.1	-	26.5	14	7.8	2	-	-	1.57	-	.57	18	6	6	0	0	0	0	2	1	0	0	0	-	-
	Manston ...	21-9	145	21.3	12.7	17.0	-	26.3	14	7.5	5	-	-	1.61	-	.78	21	8	5	0	0	0	0	2	0	0	0	1	-	-
	Ramsgate ...	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Margate ...	9 9	51	20.9	14.6	17.7	+0.3	26.7	14	10.5	2,5,10	18.2	15.9	1.47	75	.62	21	8	4	0	0	0	0	2	1	0	-	0	7.77	105
Sussex	Thorney Island ...	21-9	10	21.6	12.9	17.3	-	28.3	17	8.5	6	-	-	.55	27	.26	7	6	4	0	0	0	0	1	0	0	0	0	6.93	-
	Bognor Regis ...	9 9	24	19.7	13.7	16.7	+0.1	23.3	17	8.9	6	-	15.9	.71	34	.30	7	8	6	0	0	0	0	2	0	0	0	1	7.62	111
	Fernhurst ...	9 9	188	21.7	11.2	16.5	-	28.9	17	6.7	6	-	-	1.37	-	.52	7	11	9	0	-	0	0	2	-	0	0	0	7.04	-
	Littlehampton ...	9 9	15	20.4	13.0	16.7	+0.1	26.1	17,18	8.3	6	-	15.9	.86	39	.33	9	7	7	0	0	0	0	2	0	0	-	0	7.58	108
	Rustington ...	9 9	10	20.3	11.6	15.9	-	26.7	17	6.1	6	-	15.1	1.03	-	.46	9	7	5	-	0	-	-	-	-	0	0	-	6.53	-
	Worthing ...	9 9	25	20.6	14.1	17.3	+0.4	25.0	17	10.0	2,10	18.1	15.7	.95	44	.30	9	11	7	0	0	1	0	2	0	0	0	1	7.50	104
	Brighton ...	9 9	32	19.7	14.1	16.9	-	26.1	17	10.0	2,5,6	-	16.4	.90	41	.25	7	9	7	0	0	0	0	1	0	0	0	1	6.86	99
	East Grinstead ...	9 9	400	21.8	11.2	16.5	-	27.8	17	6.1	4	-	13.6	1.25	-	.52	7	7	7	-	0	-	-	-	0	0	-	-	-	-
	Seaford	9 9	45																											
	East Hoathly ...	21-9	130	20.9	10.8	15.9	-	27.9	17	5.1	5	-	-	.68	-	.32	7	7	4	0	0	1	0	2	0	0	0	0	6.79	-
	Eastbourne ...	9 9	23	19.7	14.2	16.9	+0.1	23.9	17	8.9	5	18.6	16.3	1.37	61	.37	8	10	6	0	-	0	0	2	0	0	0	0	7.88	105
	Eastbourne C/Guard	21-9	17	20.5	12.9	16.7	-	25.1	17,27	7.2	5	-	-	1.29	-	.35	8	9	6	0	0	0	0	1	0	0	0	1	-	-
	Bexhill	9 9	12	19.6	13.4	16.5	-0.1	25.6	17	7.8	5	18.3	-	.80	37	.31	7	10	6	0	0	0	0	1	1	0	0	1	6.63	94
	Bodiam	9 9	73	21.8	11.4	16.6	-	28.3	17	4.4	5	18.4	15.4	.89	-	.27	7	8	7	0	0	0	0	3	0	0	0	0	6.27	-
	Hastings ¶§	9 9	149	19.7	13.6	16.7	0.0	26.7	17	8.9	5	19.0	16.6	.76	34	.21	7	9	5	0	0	0	0	2	1	0	0	0	7.29	103
Berkshire	Letcombe Regis	9 9	350	21.4	11.2	16.3	-	27.2	17	5.0	2	-	-	.77	-	.25	9	10	6	0	0	0	0	0	0	0	-	0	-	-
	Abingdon ...	21-9	210	22.4	11.9	17.1	+0.1	27.6	17	6.0	4	-	-	.69	28	.19	14	8	6	0	0	0	0	1	0	0	0	0	6.61	-
	Compton ...	9 9	339	21.6	10.4	16.0	-	27.2	17	4.4	4	17.5	-	.77	-	.22	7	11	5	0	0	0	0	0	-	0	1	0	6.94	- S
	Woolhampton ...	9 9	370	21.8	11.4	16.6	-	27.8	17	6.1	4	17.7	-	1.01	41	.33	7	11	7	0	0	0	0	2	0	0	0	0	-	-
	Wallingford ...	9 9	157	21.8	10.4	16.1	-	27.2	17	4.4	4	17.3	14.4	.78	-	.15	18	9	6	0	0	0	0	2	-	0	0	0	6.69	-
	Shinfield ...	9 9	200	22.5	12.0	17.3	+0.4	28.9	17	7.2	10	-	-	1.13	45	.42	12	11	6	0	0	0	0	1	0	0	0	0	6.49	-
	Reading ...	9 9	148	22.4	12.8	17.6	+0.3	28.9	17	8.3	4,7	18.7	16.4	1.14	45	.37	12	10	7	0	0	0	0	2	0	0	0	0	7.07	-
	Reading S.T.G.	9 9	141	22.5	12.3	17.4	-	28.9	17	7.8	4	-	-	1.04	44	.27	12	10	7	-	0	-	-	-	0	0	0	-	7.07	-
	Finchampstead ...	9 9	212	22.0	10.9	16.5	-	28.3	17	6.1	4,5,7	15.4	13.8	1.00	-	.28	7	11	7	0	0	0	0	3	0	0	2	0	7.20	-
	Hurley	9 9	140	22.1	11.4	16.7	-	27.8	17	7.2	4,7	18.2	-	2.59	-	1.84	12	10	7	0	0	0	0	3	0	0	0	0	7.09	-
	Bracknell ...	9 9	243	22.1	12.3	17.2	-	28.9	17	8.3	4,10	18.2	15.7	1.13	-	.33	7	10	7	0	0	0	0	1	0	0	0	0	(7.13)	-
Hampshire	Bournemouth ...	9 9	130	21.1	12.8	16.9	0.0	25.6	17	7.8	7	17.6	15.6	.74	33	.46	7	8	4	0	0	0	0	1	0	0	0	0	8.24	120
	Hurn	21-9	33	21.7	11.7	16.7	-	26.7	17	5.8	7	-	-	.55	25	.40	7	8	2	0	0	0	0	1	0	0	0	0	-	-
	Christchurch ...	9 9	9	21.5	12.3	16.9	-	25.6	17	6.1	7	-	-	.77	-	.46	7	6	5	0	-	1	0	1	0	0	0	0	-	-
	Everton ...	9 9	51	20.8	11.9	16.3	-	26.1	17	6.7	7	-	-	.51	-	.26	7	7	6	0	0	0	0	0	0	0	0	0	7.61	-
	Southampton ¶§	9 9	65	22.8	12.7	17.7	+0.6	27.8	17	8.9	10	19.2	16.8	.76	31	.35	7	6	5	0	0	0	0	1	0	0	0	0	6.70	103
	Leckford ...	9 9	385	22.2	11.3	16.7	-	28.3	17	6.7	4,5,7	16.3	-	.97	38	.47	7	8	4	-	0	-	-	-	0	0	-	-	6.93	109
	Winchester ...	9 9	122	22.3	11.5	16.9	-	27.8	17	5.6	6,7	-	12.9	1.21	44	.46	12	7	6	0	0	0	0	1	0	0	-	0	6.31	-
	Martyr Worthy	9 9	275	22.0	10.3	16.1	-	28.3	17	4.4	2	-	-	1.04	-	.43	7	8	6	0	0	0	0	0	0	0	-	0	5.69	-
	Southsea ...	9 9	7	21.2	14.2	17.7	+0.2	26.1	17	11.1	6,10	19.4	16.7	.59	29	.29	7	8	5	0	-	0	0	1	0	0	0	1	7.32	104
	Hayling Island ...	9 9	13	20.8	13.8	17.3	-	27.2	17	10.0	6,10	-	-	.49	-	.24	7	6	4	0	0	0	0	1	0	0	-	2	7.79	-
	Long Sutton ...	9 9	512	21.7	11.7	16.7	+0.3	27.2	17	5.6	7	17.8	14.0	1.32	48	.86	12	7	4	0	0	0	0	1	0	0	0	1	7.14	112
	Alice Holt Lodge	9 9	378	21.6	11.7	16.7	-	27.8	17	7.8	7	-	-	1.33	50	.49	7	8	6	0	0	0	0	2	0	0	0	0	6.69	-
	S. Farnborough	21-9	226	22.2	12.4	17.3	+0.4	28.7	17	8.0	10	-	-	.79	31	.22	7	10	6	0	0	0	0	3	0	0	0	0	6.59	104
I. of Wight	St.Catherine's Pt.	9 9	51	18.8	13.7	16.3	+0.2	22.3	17	10.5	4	-	-	.60	28	.29	7	6	4	0	-	0	0	1	1	0	-	5	-	-
	Ventnor Park ...	9 9	443	19.0	13.4	16.2	-0.3	22.8	26	10.0	4,6	18.2	15.2	.87	37	.41	7	9	5	0	0	0	0	1	0	0	0	0	7.99	111
	Shanklin ...	9 9	180	19.9	13.3	16.6	-	25.0	26	9.4	4	-	-	.98	-	.52	7	11	5	0	0	0	0	3	0	0	-	1	8.69	-
	Sandown ...	9 9	13	20.9	13.9	17.4	+0.4	23.9	26,27	10.6	1,10,13	-	-	.73	34	.31	7	9	3	0	0	0	0	1	0	0	-	-	7.98	105
	Ryde	9 9	15	21.4	14.4	17.9	+0.6	25.0	26	11.1	10,13	-	-	.79	38	.47	7	7	5	-	0	-	-	-	0	0	-	-	7.87	107
Wiltshire	Lacock	9 9	160	21.3	10.5	15.9	-	27.2	17	5.0	1,6	-	-	.89	-	.22	7	10	6	-	0	-	-	-	1	0	0	-	-	-
	West Lavington	9 9	305	21.4	10.3	15.9	-	28.3	17	4.4	7	-	-	.63	24	.15	7	8	7	0	0	0	0	1	0	0	-	0	-	-
	Lyneham ...	21-9	476	20.6	11.6	16.1	-	26.3	17	6.6	4,7	-	-	.68	26	.23	7	9	6	0	0	0	0	1	0	0	0	0	6.78	-
	Chiseldon ...	9 9	510	21.5	10.8	16.1	-	27.2	17	6.1	7	-	-	.95	-	.21	7	11	8	0	0	0	0	0	0	0	0	0	-	-
	Larkhill	9 9	431	21.5	11.1	16.3	+0.3	27.4	17	5.6	7	-	-	.74	29	.31	7	7	5	0	0	0	0	0	0	0	0	0	-	-
	Boscombe Down	21-9	414	21.9	11.4	16.7	+0.5	27.5	17	6.1	7	-	-	.76	31	.32	7	7	4	0	0	0	0	1	0	0	0	0	6.97	113
	Upavon	21-9	578	20.8	11.4	16.1	-	27.8	17	5.4	7	-	-	.83	-	.35	7	8	7	0	0	0	0	0	0	0	0	0	-	-
	Porton ... ¶§	9 9	364	21.7	10.7	16.2	+0.2	27.6	17	5.0	7	16.5	-	.82	34	.41	7	7	4	0	0	0	0	0	0	0	0	0	6.78	105
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	17.1	12.0	14.5	-	21.7	17	9.4	3,6,27	-	-	3.18	81	.82	18	13	12	-	0	-	-	-	0	0	0	-	4.88	-
	Carlisle	21-9	86	18.3	11.3	14.8	-	24.4	17	6.6	6	-	-	1.61	-	.52	7	12	8	0	0	0	0	1	0	0	0	0	4.68	-
	Newton Rigg ¶§	9 9	560	17.7	10.7	14.2	-0.5	22.8	17	6.1	6	14.9	-	1.79	58	.65	18	14	9	-	0	-	-	-	0	0	0	-	5.23	106
	Spadeadam ...	9 9	900	15.9	9.0	12.5	-	21.1	17	3.9	5,6	13.3	11.6	3.91	-	1.15	7	20	13	0	0	0	0	1	0	0	0	1	3.68	-
Westmorland	Ambleside ...	9 9	151	18.6	11.1	14.9	-	23.9	17	6.7	5	-	-	5.89	113	1.75	7	16	11	0	0	0	0	1	0	0	-	0	4.58	104

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	11.5	6.5	9.0	-	17.8	17	2.0	4	-	-	-	-	-	-	-	-	-	0	-	-	-	23	0	-	-	2.52	-
—cont.	Moor House ...	9 9	1825	14.3	7.6	10.9	-	20.0	17	0.6	6	11.3	-	4.74	-	.99	7	22	15	-	0	-	-	-	2	0	2	-	4.23	-
Lancashire	Squires Gate ...	21-9	33	18.3	12.7	15.5	-0.2	25.9	17	6.9	4,13	-	-	1.58	55	.47	18	16	7	0	0	0	0	1	0	0	0	1	5.30	89
	Urswick	9 9	130	18.6	11.3	14.9	-	24.4	17	7.2	5,27	-	-	2.30	-	.42	9	15	12	0	0	0	0	2	2	0	-	0	-	-
	Southport ...	9 9	16	18.1	12.0	15.1	-	24.4	17	6.1	4	16.3	12.2	2.22	-	.62	18	14	12	-	0	-	-	-	0	0	0	-	5.20	-
	Poulton-le-Fylde	9 9	38	18.0			-	28.3	17	8.3	4	-	-	1.39	-	.38	7	13	6	0	0	0	0	1	0	0	-	0	-	-
	Grizedale ...	9 9	300	17.7	9.6	13.7	-	23.3	18	2.8	5	15.2	-	5.68	-	2.05	7	19	14	0	0	0	0	1	0	0	0	0	-	-
	Speke	21-9	80	19.2	13.0	16.1	-	24.5	17	8.0	4	-	-	2.04	70	.61	18	16	11	0	0	0	0	1	1	0	0	1	5.40	-
	Kirkham ...	9 9	78	18.3	11.7	15.0	-	24.4	17	5.6	27	-	-	2.63	78	.97	7	16	10	0	0	0	0	2	0	0	0	0	(5.46)	-
	Garstang ...	9 9	68	17.8	11.7	14.7	-	21.7	17,18	6.7	27	-	-	2.49	-	1.12	7	13	9	-	0	-	-	-	0	0	0	-	4.58	-
	Morecambe ...	9 9	24	18.1	13.0	15.5	-0.5	25.6	17	10.0	11	-	-	1.85	57	.51	7	15	10	0	0	0	0	0	0	0	-	0	5.13	90
	Preston	9 9	108	18.3	12.0	15.1	-	21.7	17	5.6	27	-	-	2.95	82	.76	7	17	12	0	0	0	0	1	0	0	0	0	-	-
	Stonyhurst ¶§	9 9	377	17.7	11.3	14.5	-0.7	23.3	17	5.0	13	-	-	5.10	126	1.55	7	17	13	-	0	-	-	-	0	0	0	-	4.33	85
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.30	-
	Helmshore ...	9 9	854	16.9	10.9	13.9	-	22.8	17	5.6	5	13.8	-	7.35	153	2.36	18	18	15	-	0	-	-	-	2	0	0	-	4.28	- S
	Burnley	9 9	655	17.3	11.0	14.1	-	23.3	17	6.1	5,13,27	14.1	-	4.96	-	1.88	18	13	12	0	0	1	0	1	0	0	0	0	4.02	-
	Nelson	9 9	540	17.4	11.3	14.3	-	23.9	17	6.1	13	14.9	12.1	6.20	169	1.90	18	16	11	-	0	-	-	-	0	0	0	-	4.08	- S
	Rochdale ...	9 9	362	18.3	10.8	14.5	-	24.4	17	3.9	13	-	-	3.96	-	1.04	7	17	12	0	0	0	0	2	0	0	0	1	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	18.1	13.1	15.6	-0.1	23.9	17	10.0	4,11	-	-	2.29	83	.75	18	15	10	-	-	-	-	-	0	0	-	-	5.49	96
	Winnington ...	9 9	65	19.8	12.5	16.1	-	24.4	24	7.2	5,13,27	-	-	2.65	97	.59	18	17	12	0	0	0	0	2	0	0	0	0	-	-
	Knutsford ...	9 9	212	19.5	11.4	15.5	-	23.9	24	6.1	4,13	16.8	14.8	2.74	-	.62	18	16	10	-	0	-	-	-	1	0	0	-	-	-
	Ringway ¶§	21-9	248	18.9	12.0	15.5	-0.4	23.8	17	6.7	13	-	-	3.22	108	.76	18	15	11	0	0	0	0	4	0	0	0	0	4.58	94
	Macclesfield ...	9 9	500	18.7	11.3	15.0	-0.7	23.3	17	7.2	9	-	-	3.29	90	.72	17	19	13	0	0	0	0	3	2	0	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	18.6	12.7	15.7	-0.1	23.3	17	6.7	27	-	-	1.33	64	.41	18	12	8	0	0	0	0	1	1	0	0	0	5.17	90
	Prestatyn ...	9 9	12	18.8	12.8	15.8	-	25.0	17	8.9	13	-	-	1.36	58	.25	18	15	9	0	0	0	0	1	0	0	-	0	4.33	80
	Hawarden Bridge	9 9	17	19.9	12.3	16.1	-0.2	23.9	24,30	5.0	27	-	-	1.22	49	.23	11	15	10	0	0	0	0	1	0	0	-	1	-	-
Anglesey	Valley	21-9	33	17.8	12.3	15.1	0.0	22.6	18	8.2	5	-	-	2.18	87	.46	7	15	10	0	0	0	0	1	2	0	0	0	5.13	85
Denbigh	Colwyn Bay ...	9 9	118	18.4	12.9	15.7	-0.2	22.8	24	9.4	27	16.3	-	1.27	59	.42	7	11	5	0	0	0	0	1	0	0	-	0	4.98	86
	Alwen	9 9	1100	16.6	8.6	12.6	-	22.8	17	1.1	5	-	-	3.33	-	1.00	7	17	11	-	-	-	-	-	-	0	3	-	-	-
	Ruthin	9 9	248	18.8	10.1	14.5	-	23.9	17	3.9	27	-	-	2.05	-	.59	18	14	11	-	0	-	-	-	2	0	-	-	4.92	-
	Loggerheads ...	9 9	690	17.7	10.3	14.0	-	22.8	18	3.9	27	14.6	13.2	1.72	-	.40	11	14	9	0	0	0	0	1	2	0	0	0	-	-
	Bwlchgwyn ...	9 9	1267	16.2	9.8	13.0	-	20.0	16	5.0	5	12.6	-	2.24	-	.43	18	17	14	0	0	0	0	1	2	0	3	0	-	-
	Wrexham ...	9 9	275	19.7	11.2	15.5	-	23.9	24	5.0	5	14.8	13.2	3.36	-	1.27	17	18	11	0	0	0	0	1	0	0	0	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	16.6	12.4	14.5	-	20.0	17,21	8.5	5	-	-	2.15	-	.51	13	9	9	-	0	-	-	-	1	0	0	-	-	-
	Botwnnog ...	9 9	112	18.0	11.8	14.9	-	22.8	17,18	6.7	27	17.0	14.6	2.84	-	.76	7	10	8	0	0	0	0	1	1	0	0	0	5.59	-
	Bryn Adda ...	9 9	275	18.6	11.6	15.1	-	24.4	17	6.7	4	-	-	3.92	-	1.12	7	16	10	0	0	0	0	1	0	0	0	0	4.53	-
	Cwm Dyli ...	9 9	324	17.7	11.5	14.6	-	24.4	17	5.0	27	15.3	-	11.12	-	3.16	7	23	15	-	-	-	-	-	0	0	1	-	-	-
	Aber	9 9	60	18.2	12.0	15.1	-0.5	21.7	16	7.2	5	-	-	5.02	163	2.23	18	18	12	0	0	1	0	1	0	0	0	0	4.61	84
	Llandudno ¶§	9 9	13	17.9	13.1	15.5	-0.4	21.7	14,17	7.2	27	-	-	1.58	76	.46	7	12	9	0	0	0	0	1	1	0	-	2	4.97	85
Merioneth	Llyn Stwlan ...	9 9	1656	14.2	9.0	11.6	-	18.3	19	5.0	4,5	-	-	13.10	-	4.60	5	21	17	-	0	-	-	-	-	0	0	-	-	-
	Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corwen	9 9	473	18.3	9.3	13.8	-	23.3	17	2.2	5	-	-	2.19	-	.70	7	12	11	0	0	0	0	1	-	0	0	0	-	-
Montgomery	Ceinws	9 9	200	19.2	10.7	14.9	-	22.8	16,22	1.1	4	-	-	8.52	-	3.43	7	18	13	-	-	-	-	-	0	0	2	-	-	-
	Lake Vyrnwy ...	9 9	995	17.4	10.2	13.8	-	21.1	16,17	3.9	5	14.4	-	3.83	86	1.34	7	17	9	0	0	0	0	1	0	0	4	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	17.1	12.2	14.7	-0.1	20.0	16	9.0	13	-	-	2.10	66	.82	11	10	7	0	0	0	0	1	2	0	0	0	5.10	-
	Aberystwyth ...	9 9	12	18.5	10.3	14.4	-1.2	21.1	13,16,18	8.9	23	-	-	3.04	-	1.00	11	9	9	-	0	-	-	-	0	0	-	-	5.80	113
	" P.B.S.*	9 9	452	17.4	11.4	14.4	-0.5	23.9	17	5.0	4	-	-	3.96	114	.75	7,11	16	10	0	0	0	0	1	3	0	1	0	4.60	91
	Gogerddan ...	9 9	103	18.3	12.0	15.1	-	24.4	17	2.8	4	-	-	3.71	106	.79	7	16	10	0	0	0	0	2	1	0	0	0	4.73	-
	Swyddffynnon ...	9 9	540	18.5	11.2	14.9	-	22.8	17	1.1	4	-	-	-				-	0	-	-	-	-	-	-	0	0	-	-	-
	Trawscoed ...	9 9	200	18.7	11.4	15.1	-	23.9	18,19	1.1	4	14.2	-	3.54	85	1.20	11	13	9	0	0	0	0	0	1	0	1	0	4.40	-
	Llety-evan-hen ...	9 9	950	16.0	11.0	13.5	-	21.7	17	5.6	4	-	-	6.38	-	1.64	11	17	13	0	0	0	0	2	5	0	1	0	3.38	75
	Cwmystwyth ...	9 9	989	16.6	10.2	13.4	-	21.7	17	2.2	4	-	-	6.96	-	1.85	11	15	12	0	0	0	0	1	-	0	1	0	-	-
Pembroke	Dale Fort ...	9 9	109	18.1	12.8	15.5	-	21.1	17	9.4	5	17.2	-	1.81	-	.52	11	9	7	0	0	0	0	1	0	0	0	0	6.23	-
	Brawdy	9 9	360	16.8	11.4	14.1	-	22.2	17	6.7	13	-	-	2.95	-	.79	11	10	9	0	0	0	0	1	0	0	0	0	5.09	-
	Haverfordwest ...	9 9	131		11.9					5.6	13									0	0	-	-	-	0	0	-	-	-	-
Carmarthen	Carmarthen ...	9 9	50	19.7	11.6	15.7	-	25.0	17	3.9	13	18.3	15.6	3.21	-	1.01	14	13	6	0	0	0	0	0	0	0	0	1	5.70	-
Radnor	Llandrindod Wells ¶§	9 9	772	19.5	10.7	15.1	+0.2	23.3	16,22	3.3	4	15.0	-	2.41	76	.66	7	13	8	0	0	0	0	1	0	0	-	0	4.24	86
Brecknock	Llwynon ...	9 9	860	18.1	10.3	14.2	-	23.3	17	2.8	4	-	-	4.72	-	1.24	11	13	7	0	0	0	0	0	0	0	-	0	-	-
Glamorgan	Mumbles Head ...	21-9	117	18.6	13.0	15.8	-	24.2	17	8.7	8	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	2	-	-
	Swansea ...	9 9	27	19.7	13.4	16.5	-0.2	24.4	17	8.3	13	19.2	16.6	3.56	102	1.11	14	12	6	0	0	0	0	0	1	0	-	0	5.95	101
	Port Talbot ...	9 9	24	20.3	13.1	16.7	-	25.6	17	7.8	13	-	-	3.25	-	1.38	14	9	7	0	0	0	0	0	0	0	0	-	4.25	- S
	Neath	9 9	202	19.5	12.7	16.1	-	24.4	17	6.7	13	-	-	4.50	-	1.53	14	12	9	0	0	0	0	0	0	0	0	1	-	-
	Rhoose	21-9	220	19.5	11.7	15.6	-	25.0	17	5.8	13	-	-	2.52	83	1.26	14	10	7	0	0	0	0	1	1	0	0	0	6.06	-
	Cardiff ... ¶§	9 9	202	20.4	12.4	16.4	0.0	24.4	17	7.8	4	17.5	14.7	2.87	84	1.05	14	13	7	0	-	0	0	1	1	0	0	-	6.29	103
Monmouth	Tredegar ...	9 9	1028	18.3	10.6	14.5	-	22.8	17	4.4	4	-	-	3.67	-	1.05	14	10	7	0	0	0	0	0	2	0	0	1	4.70	- S
	Newport ...	9 9	75	20.8	11.7	16.3	-0.3	24.4	2,12,17	6.1	4	-	-	3.45	103	1.11	21	13	7	0	0	0	0	2	1	0	0	0	5.35	-
	Usk	9 9	70	20.6	10.8	15.7	-	23.3	1,16,17	3.9	4	17.2	-	1.83	56	.73	14	11	8	0	0	0	0	0	0	0	0	0	5.73	-
	Crumbland Plantation	9 9	804	19.2	11.1	15.1	-	23.9	17	5.6	4	16.1	14.0	1.51	-	.56	14	12	7	0	0	0	0	0	1	0	0	0	5.33	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	17.7	9.4	13.5	-	23.9	17	5.6	4,13	-	-	3.63	-	1.06	11	12	9	0	0	0	0	0	-	0	-	0	5.77	-
	Cannington ...	9 9	95	21.5	12.9	17.2	-	26.1	17	7.8	4,13	17.2	-	.49	20	.17	7	7	3	-	-	-	-	-	-	0	-	-	7.29	111
	Weston-s.-Mare	9 9	28	21.1	13.7	17.4	+0.5	25.0	17	8.9	7,13	-	-	1.56	58	.58	14	8	6	0	0	0	0	0	0	0	0	0	6.60	104
	Long Ashton ¶§	9 9	162	20.2	11.9	16.1	-0.3	26.7	17	6.1	4	17.6	-	1.69	54	.71	7	11	7	0	0	0	0	1	0	0	1	0	6.37	105
	Wincanton ...	9 9	375	21.1	11.7	15.9	-	27.8	17	6.7	13	-	-	1.26	-	.40	21	13	8	0	0	0	0	1	0	0	0	1	-	-
	Bath City Boys' School	9 9	388	20.8	12.3	16.5	-	26.7	17	7.8	4,5	17.6	-	1.32	-	.40	8	10	8	0	0	0	0	0	0	0	-	2	5.88	-
Dorset	Lyme Regis ...	9 9	200	20.7	12.1	16.4	-	24.4	17,26	7.8	7,13	-	-	.99	-	.39	7	9	4	0	0	0	0	0	0	0	0	1	6.99	- S
	Portland Bill ...	21-9	35	19.5	13.9	16.7	+1.0	25.1	1	11.5	4,5	-	-	.50	26	.22	7	6	4	0	0	0	0	0	1	0	-	2	-	-
	Weymouth ...	9 9	16	21.4	13.6	17.5	+0.7	26.1	26	8.9	13	-	-	.63	29	.32	7	6	5	-	0	-	-	-	0	0	-	-	7.76	112
	Winfrith ...	9 9	85	21.1	11.4	16.3	-	25.0	17,26	6.1	7	-	-	1.00	-	.51	7	6	6	-	0	-	-	-	0	0	-	-	-	-
	Shaftesbury ...	9 9	680	20.4	12.2	16.3	+0.8	26.7	17	8.9	10	-	-							-	0	-	-	-	0	0	-	-	-	-
	Swanage ...	9 9	37	20.8	13.2	17.0	-	25.6	26	8.3	13	-	16.2	.69	-	.43	7	5	5	0	-	0	0	0	0	0	0	0	8.45	117
	Poole	9 9	18	21.7	12.5	17.1	-	25.6	17,26	6.7	7	-	-	.74	-	.52	7	7	7	3	0	0	0	1	0	0	-	0	7.35	106

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b ENGLAND, S.W.—cont.																														
Devon	Clawton	9 9	412	19.7	8.4	14.1	-	25.0	17	2.8	6,7,13	-	-	2.89	-	1.11	14	14	10	0	0	0	0	1	0	0	-	0	-	-
	Hartland Point ...	21-9	298	17.5	13.4	15.5	-	21.9	27	9.8	13	-	-	2.61	-	1.30	14	13	9	0	0	0	0	1	0	0	0	4	6.77	109
	Mount Batten ...	21-9	87	19.4	12.5	15.9	-0.1	22.7	17	6.5	13	-	-	1.99	77	.87	14	6	6	0	0	0	0	0	0	0	0	0	7.15	112
	Plymouth, The Hoe	9 9	119	20.0	12.6	16.3	0.0	23.3	17	7.2	13	17.6	15.5	1.67	65	.92	14	8	6	0	0	0	0	0	0	0	0	0	7.01	110
	Tavistock ...	9 9	457	20.4	11.2	15.8	+0.1	27.2	17	4.4	7,13	-	-	2.97	-	1.89	14	12	7	0	0	0	0	0	0	0	4	0	-	-
	Chivenor ...	21-9	20	19.6	12.3	15.9	-	24.3	17	6.4	13	-	-	1.57	-	.61	14	7	5	0	0	0	0	1	0	0	-	0	6.31	-
	Ilfracombe ...	9 9	25																											
	Totnes	9 9	120	21.4	10.8	16.1	-	26.7	17	4.4	7	17.8	14.5	1.62	54	.80	7	8	4	0	0	0	0	0	0	0	2	0	7.23	-
	Slapton	9 9	104	20.6	12.4	16.5	-	25.0	21,22	7.8	7,13	-	-	1.92	-	.95	7	8	7	0	0	-	-	-	1	0	-	-	-	-
	Newton Abbot ...	9 9	272	21.0	11.3	16.1	-0.1	24.4	2,17	6.1	4	-	-	.99	38	.43	7	5	4	0	0	0	0	0	0	0	0	0	7.61	127
	Paignton ...	9 9	8	21.4	13.1	17.3	-	25.0	2	7.8	13	-	-	1.02	43	.51	7	8	6	0	0	0	0	0	-	0	-	1	8.12	125
	Torquay ...	9 9	26	21.0	13.1	16.1	-0.5	25.0	2	7.8	7,13	-	16.6	.91	42	.47	7	6	5	0	0	0	0	0	0	0	0	0	8.18	121
	Teignmouth ¶§	9 9	20	21.1	13.4	17.3	+0.4	23.9	1,2,27	8.3	13	-	-	.59	27	.19	7,14	4	4	0	0	0	0	0	0	0	-	0	7.82	117
	Starcross ...	9 9	29	20.9	11.9	16.4	-	23.9	17	5.6	13	18.2	-	.44	18	.21	14	5	3	0	0	-	-	-	0	0	0	0	7.40	-
	Exeter, Southam	9 9	160	21.2	11.7	16.5	-	25.6	17	6.1	13	-	-							0	0	0	0	0	0	0	-	0	-	-
	Exmouth ...	9 9	195	20.2	12.4	16.3	+0.3	23.9	2	7.8	4	-	-	.38	16	.18	14	5	3	0	0	0	0	0	0	0	-	0	6.79	106
	Exeter	21-9	106	21.4	11.9	16.7	-	25.6	17	5.9	13	-	-	.49	20	.17	9	8	5	0	0	0	0	1	0	0	0	0	5.90	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	19.2	13.9	16.5	+0.5	21.7	26	11.3	7	-	-	1.78	80	.64	14	13	6	0	0	0	0	0	0	0	-	1	7.38	110
	Penzance ...	9 9	62	19.3	12.9	16.1	-0.3	22.8	17,23	7.2	13	-	-	2.96	108	1.41	14	11	9	0	0	0	0	1	0	0	0	0	6.90	104
	Gulval	9 9	50																											
	Culdrose ...	9 9	268	18.3	12.3	15.3	-	22.2	17	7.2	13	-	-	1.87	-	1.08	14	8	5	0	0	0	0	1	2	0	0	0	7.03	-
	Rosewarne ...	9 9	250	18.3	12.7	15.5	-	22.2	16	7.2	13	16.7	15.1	2.30	90	1.24	14	11	8	-	0	-	-	-	0	0	0	-	6.67	-
	Lizard	9 9	240	18.6	12.6	15.6	0.0	23.5	2	9.7	4,7	-	-	1.71	80	.87	14	11	5	0	0	0	0	0	-	0	0	0	7.40	-
	Falmouth ¶§	9 9	167	19.2	12.7	15.9	-0.4	23.9	17	7.8	13	-	-	2.64	94	1.10	14	10	6	0	0	0	0	0	0	0	0	0	6.50	100
	Newquay ...	9 9	176	18.4	13.1	15.7	-0.1	21.7	16	7.2	13	-	-	1.89	71	1.02	14	11	6	0	-	0	0	0	-	0	-	0	6.46	102
	St. Mawgan ...	21-9	337	18.2	12.6	15.4	-	21.7	16,17	8.5	13	-	-	1.99	-	1.02	14	10	8	0	0	0	0	1	1	0	0	0	6.32	-
	St. Austell ...	9 9	310	19.8	12.4	16.1	-	24.4	17	7.8	13	-	-	2.43	72	1.29	14	11	8	0	0	0	0	0	1	0	-	0	-	-
	Fowey	9 9	51	20.1	12.5	16.3	0.0	25.0	17	6.7	13	-	-	1.99	-	1.13	14	11	7	0	0	0	0	0	0	0	-	0	-	-
	Bude	9 9	50	18.3	11.9	15.1	-0.6	22.2	16	6.7	6,7	16.1	-	2.47	92	.99	14	11	7	-	0	-	-	-	-	0	-	-	6.00	101
	Ellbridge ...	9 9	190	20.3	11.4	15.9	-0.1	26.1	17	5.0	7,13	-	-	2.90	98	1.75	14	12	8	0	0	0	0	0	0	0	0	0	6.85	111
9 NORTHERN IRELAND																														
Londonderry	Loughermore Forest	9 9	570	16.7	9.6	13.1	-	21.7	30	5.0	4	-	-	2.43	-	.40	9	21	14	0	0	0	0	0	0	0	0	0	-	-
	Ballykelly ¶§	21-9	6	17.8	11.6	14.7	+0.1	22.5	30	8.8	12	-	-	1.54	46	.30	24	17	11	0	0	0	0	0	0	0	0	0	3.01	69
	Derrynoyd Forest	9 9	290	18.0	10.7	14.3	-	22.8	30	5.6	4	-	-	2.40	-	.48	10	18	14	0	0	0	0	0	0	0	0	0	-	-
	Somerset Forest	9 9	140	17.6	10.8	14.2	-	22.8	30	7.8	4,12,16	-	-	2.14	-	.31	7,17	16	13	0	0	0	0	0	1	0	0	0	-	-
	Garvagh Forest	9 9	290	17.6	10.4	14.0	-	23.3	30	5.6	4	-	-	2.36	-	.54	13	18	10	0	0	0	0	0	0	0	0	0	-	-
	Moneydig ¶	21-9	112	18.1	10.8	14.5	-0.6	23.4	30	6.1	4	16.6	-	2.01	52	.32	13	19	13	0	0	0	0	0	0	0	0	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	1.23	37	.28	24	17	9	-	-	-	-	-	-	-	-	-	3.00	-
	Lisnafillan ...	9 9	124	18.1	10.7	14.4	-	22.2	30	4.4	4	-	-	1.89	-	.56	13	13	10	0	0	0	0	0	0	0	0	0	3.73	-
	Aldergrove ¶§	21-9	225	18.5	11.1	14.8	+0.1	21.9	17	6.0	4,26	15.4	12.3	1.55	-	.29	13	19	11	0	0	0	0	1	0	0	0	0	3.16	72
	Greenmount ...	9 9	105	18.4	11.2	14.8	-	22.2	30	4.4	26	15.8	-	1.30	-	.28	13	17	12	0	0	0	0	0	-	0	0	-	-	-
	Black Mountain	21-9	969	16.1	9.2	12.7	-	20.1	30	4.9	4	-	-	2.30	-	.43	10	17	14	0	0	0	0	0	7	0	-	2	-	-
	Ballypatrick Forest	9 9	500	15.8	9.6	12.7	-	20.6	30	5.0	26	-	-	3.03	-	.38	24	22	15	0	0	0	0	0	2	0	0	1	-	-
	Larne	9 9	140	18.1	10.8	14.5	-	22.8	30	6.7	26	-	-	1.82	-	.38	10	14	9	0	0	0	0	1	0	0	-	0	-	-
	Kilroot	9 9	71	17.9	10.9	14.4	-	22.2	30	6.1	26	-	-	.98	-	.29	10	10	9	0	0	0	0	0	3	0	0	0	-	-
Down	Newry Abbey ...	9 9	32	19.0	11.7	15.3	-	21.7	30	5.0	4,26	-	-	1.85	-	.40	21	11	10	0	0	0	0	2	0	0	-	0	-	-
	Hillsborough §	9 9	379	17.8	10.8	14.3	0.0	21.1	30	5.0	4	14.4	-	1.37	44	.36	10	13	11	0	0	0	0	1	0	0	0	0	3.79	84
	Kilkeel	21-9	58	17.8	11.4	14.6	-	20.2	23,30	7.5	26	-	-	-	-	.29	10	13	9	0	0	0	0	0	1	0	0	1	4.75	-
	Tollymore Park	9 9	249	18.4	11.0	14.7	-	21.7	24	6.1	-	-		2.21	-	1.14	13	13	10	0	0	0	0	1	1	0	0	0	-	-
	Stormont Castle	9 9	185	18.6	11.0	14.8	-	21.7	30	6.1	4	16.1	13.8	1.12	-	.25	10	13	11	0	0	0	0	1	2	0	0	0	3.50	-
	Crossgar ...	9 9	119	18.9	10.9	14.9	-	22.2	30	5.0	4	-	-	.97	-	.37	13	12	7	0	0	0	0	0	3	0	0	0	-	-
	Creighton's Green	9 9	391	16.9	11.0	13.9	-	20.6	30	6.7	4	-	-	1.20	-	.25	10	12	9	0	0	0	0	0	4	0	0	6	-	-
	Helen's Bay ...	9 9	140	18.4	11.2	14.8	-	22.8	30	7.8	4,12,26	-	-	.85	-	.24	10	11	7	0	0	0	0	0	1	0	0	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	17.8	10.8	14.3	-	20.7	30	5.0	4	-	-	1.19	-	.28	13	14	7	0	0	0	0	0	1	0	0	2	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.55	-
Armagh	Armagh ¶§	9 9	202	19.1	11.2	15.1	0.0	22.8	17	5.0	4	17.3	15.2	1.65	50	.38	18	17	11	0	0	0	0	1	0	0	0	2	3.57	86
	Loughgall ...	9 9	82	18.4	10.8	14.6	-	22.2	17	3.3	4	-	-	1.39	-	.22	13	15	11	0	0	0	0	1	0	0	2	1	3.63	-
	Glenanne ...	21-9	438	17.9	10.9	14.4	-	22.0	17	6.0	4	-	-	1.69	-	.39	13	14	12	0	0	0	0	0	0	0	0	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	2.03	56	.43	13	14	11	-	-	-	-	-	-	-	-	-	3.92	84
Tyrone	Lough Bradan ...	9 9	554	16.7	8.1	12.4	-	21.7	30	3.9	4,26	-	-	3.88	-	.82	10	27	14	-	-	-	-	-	0	0	0	0	2.68	- S
	Baronscourt Forest	9 9	290	17.8	10.6	14.2	-	22.2	30	3.9	26	-	-	2.00	-	.39	7	15	12	0	0	0	0	0	0	0	0	0	-	-
	Carrigans ...	21-9	371	17.5	10.6	14.1	-	22.3	30	4.4	4	-	-	2.36	-	.53	7	19	12	0	0	0	0	1	0	0	1	0	-	-
	Lislap Forest ...	9 9	685	16.6	9.1	12.9	-	21.1	30	3.3	4	15.0	-	2.56	57	.49	13	22	12	0	0	0	0	0	0	0	0	0	-	-
	Knockmany Forest	9 9	239	17.6	10.6	14.1	-	21.7	30	4.4	26	-	-	2.21	-	.38	13	17	13	0	0	0	0	1	0	0	0	0	-	-
	Pomeroy Forest	9 9	540	17.4	9.9	13.7	-	22.2	30	5.0	4,26	15.2	-	1.96	-	.48	13	16	12	0	0	0	0	0	0	0	0	0	-	-
	Cookstown ...	9 9	253	17.6	10.6	14.1	-	21.7	30	5.6	26	15.6	-	2.05	-	.40	13	20	13	-	-	-	-	-	-	0	0	-	-	-
Fermanagh	Roscor	9 9	470	16.8	10.4	13.6	-	21.1	18,30	4.4	4	-	-	3.01	70	.61	7	24	16	-	-	-	-	-	0	0	1	0	-	-
	Lough Navar Forest	9 9	485	16.9	10.3	13.6	-	21.7	30	4.4	4	-	-	3.23	-	.76	10	22	15	0	0	0	0	0	0	0	1	0	-	-
	Ely Lodge ...	21-9	210	17.6	11.3	14.5	-	22.5	30	7.7	26	15.3	13.0	1.95	-	.31	13	19	12	0	0	0	0	1	0	0	0	0	3.07	-
	Castle Archdale Forest ¶§	9 9	215	17.4	11.0	14.2	-0.5	22.2	30	5.0	4	14.9	-	2.52	-	.44	13	22	10	0	0	0	0	0	0	0	0	0	3.22	75
	Pubble Forest ...	9 9	290	17.4	10.3	13.9	-	22.2	30	2.2	26	-	-	1.84	-	.47	13	16	10	0	0	0	0	0	0	0	1	0	-	-
CHANNEL ISLES																														
Guernsey	States Airport ...	21-9	340	19.3	13.5	16.4	+0.3	22.7	16	10.8	5,10	18.0	15.7	.59	27	.24	8	7	3	0	0	0	0	0	0	0	0	0	9.25	-
Alderney	States Airport ...	9 9	288	18.1	13.1	15.6	-	23.3	17	10.6	5,6	16.9	-	.50	-	.21	7	6	4	0	0	0	0	0	3	0	-	0	8.88	-
Jersey	Jersey Airport ...	9 9	273	19.3	13.3	16.3	-	24.6	16	10.1	5,7	-	-	.73	37	.27	8	7	6	0	0	0	0	0	2	0	0	0	9.23	-
	St. Helier ...	9 9	28	21.3	14.4	17.9	+0.3	26.1	16	11.7	7	-	-	.66	36	.22	7	7	5	0	0	0	0	0	0	0	-	1	9.30	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.67	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. S *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

Table IV—Summary of Observations at Fixed Hours JULY 1964

District, County and Place	Hour of Observation (G.M.T.)	Height of Barometer above Mean Sea Level (ft.)	Mean Pressure: At Mean Sea Level (mb.)	Mean Pressure: Difference from Average (mb.)	Mean Temperature and Humidity: Dry Bulb (°C)	Depression of Wet Bulb (°C)	Vapour Pressure (mb.)	Relative Humidity (%)	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind: Number of Observations: Force (0-12) Beaufort Force: 8 or more (34 or more)	6, 7 (22 to 33)	4, 5 (11 to 21)	1 to 3 (1 to 10)	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
0 SCOTLAND, N.																																								
Zetland — Lerwick Observatory H	3	273	1008.5	-	9.9	0.7	11.0	90	7.3	0	0	1	15	13	2	0	1	0	1	1	1	4	7	10	6	0	3	15	12	1	1	4	0	2	4	8	6	5
	9	273	1008.3	-2.4	11.4	1.2	11.5	85	6.6	0	3	3	12	12	1	0	1	0	0	2	8	9	4	7	1	7	14	9	0	2	2	0	1	7	5	8	6
	15	273	1009.1	-	11.9	1.4	11.6	83	6.6	0	2	4	13	10	2	0	1	1	0	0	1	6	5	9	8	1	6	16	7	1	3	0	0	1	6	7	9	4
	21	273	1009.3	-	10.3	0.9	11.1	88	6.9	0	2	3	10	16	0	0	0	0	1	3	2	4	5	11	5	0	4	12	13	2	2	0	0	2	6	6	6	7
Orkney — Kirkwall ... H	3	36	1009.6	-	10.1	0.5	11.6	93	6.4	0	4	4	9	13	1	0	0	0	1	1	0	6	8	9	6	0	4	12	13	2	0	0	1	2	6	8	6	6
	9	36	1009.9	-	11.9	1.1	12.2	87	6.7	0	2	2	17	9	1	0	0	1	0	0	0	5	4	10	11	1	6	16	7	1	3	1	2	2	6	3	8	5
	15	36	1010.7	-	13.3	1.8	12.2	79	6.1	0	3	6	14	7	1	0	0	0	1	1	0	1	4	10	14	1	5	18	7	0	3	0	0	4	4	3	12	5
	21	36	1010.5	-	11.3	1.0	11.8	88	6.5	0	2	3	12	14	0	0	0	0	0	1	3	5	11	11	0	1	15	14	1	0	0	0	5	2	8	11	4	
Caithness — Wick ... H	3	121	1010.2	-	10.0	0.7	11.2	90	6.3	0	3	4	13	11	0	0	0	0	0	2	5	5	9	10	0	2	9	17	3	0	0	1	2	8	8	6	3	
	9	121	1010.4	-0.6	12.6	1.6	11.9	81	6.7	0	2	4	13	11	1	0	0	1	0	0	2	4	3	7	14	0	7	16	8	0	2	3	0	2	7	3	11	3
	15	121	1011.0	-	14.1	2.6	11.6	72	6.2	0	1	7	17	5	1	0	0	0	1	0	1	0	2	7	20	1	7	16	7	0	1	0	4	2	4	5	8	7
	21	121	1011.1	-	11.5	1.3	11.4	84	5.9	0	4	7	10	10	0	0	0	0	0	1	1	2	14	13	0	1	1	4	16	1	0	1	1	4	6	5	8	5
Sutherland — Cape Wrath ...	3	371	1008.9	-	10.6	0.7	11.6	91	7.3	0	1	3	4	18	5	0	4	1	0	0	1	7	3	4	11	3	8	8	12	0	2	2	0	2	0	12	8	5
	9	371	1009.5	-	11.1	1.0	11.7	88	7.2	0	0	3	9	17	2	0	2	0	1	0	2	9	4	2	11	3	7	10	11	0	2	3	1	2	1	11	9	2
	15	371	1010.2	-	11.5	1.1	11.8	87	6.6	0	0	7	10	10	4	0	3	1	0	0	0	4	4	7	12	3	9	7	10	2	0	2	2	0	2	13	6	4
	21	371	1009.9	-	11.0	1.0	11.6	88	7.2	0	0	4	7	15	5	1	4	0	0	0	3	6	1	6	10	1	8	10	12	0	1	2	2	1	2	12	7	4
Ross & Cromarty — Stornoway H	3	16	1010.8	-	10.7	0.5	12.2	94	6.5	1	2	4	10	14	0	0	0	0	0	0	1	10	10	6	4	0	3	14	10	4	1	2	1	2	5	6	6	4
	9	16	1011.4	+0.5	12.5	1.3	12.4	85	6.6	0	2	4	15	10	0	0	0	0	0	0	1	5	10	9	6	0	7	16	8	0	3	2	0	2	7	3	8	6
	15	16	1011.9	-	13.8	1.9	12.5	79	6.6	0	1	5	17	8	0	0	0	0	0	0	0	3	4	16	8	0	4	18	9	0	1	4	1	3	2	11	6	3
	21	16	1011.5	-	11.7	0.8	12.5	91	6.7	0	3	3	10	15	0	0	0	0	0	1	1	9	8	8	4	0	3	14	13	1	2	1	2	2	5	8	7	3
Inverness — Benbecula H	3	21	1011.7	-	11.7	0.6	12.8	93	7.5	0	0	0	14	16	1	0	0	1	0	0	5	6	7	8	4	0	8	13	10	0	3	0	1	1	7	6	8	5
	9	21	1012.2	-	12.7	0.9	13.1	89	7.1	0	1	1	15	14	0	0	0	0	0	1	1	7	11	4	7	0	7	16	8	0	4	0	0	3	5	6	7	6
	15	21	1012.8	-	13.6	1.2	13.4	86	6.5	0	1	6	15	9	0	0	0	0	0	0	0	3	13	5	10	1	4	19	7	0	2	0	1	2	3	10	8	5
	21	21	1012.2	-	12.1	0.7	12.9	91	6.4	0	4	3	11	12	1	0	0	1	0	0	1	5	10	7	7	0	5	15	11	0	2	0	1	3	3	7	9	6
1 SCOTLAND, E.																																								
Moray — Kinloss ... H	3	19	1011.3	-	11.5	1.1	11.8	87	6.3	0	3	4	13	11	0	0	0	0	0	0	1	4	4	6	16	0	2	12	14	3	0	0	2	2	3	14	7	0
	9	19	1011.8	-	14.4	2.3	12.4	75	6.6	0	1	5	18	7	0	0	0	0	0	0	0	2	3	4	21	2	5	13	11	0	2	1	2	0	2	10	12	2
	15	19	1012.0	-	16.6	3.5	12.3	65	5.9	0	2	8	18	3	0	0	0	0	0	0	0	2	0	5	24	1	6	17	7	0	6	2	3	1	1	8	10	0
	21	19	1012.1	-	13.0	1.6	12.2	81	6.7	0	1	2	20	8	0	0	0	0	0	0	0	5	3	3	20	0	3	14	12	2	1	1	6	1	0	13	7	0
Aberdeen — Dyce ... H	3	193	1012.0	-	10.9	1.2	11.3	85	6.0	0	5	4	11	9	2	0	0	0	2	1	4	1	4	7	12	0	0	10	13	8	0	1	0	1	6	5	9	1
	9	193	1012.1	+0.4	14.6	2.8	11.8	71	6.1	0	2	7	13	8	1	0	0	1	0	0	2	4	1	5	18	0	4	15	8	4	1	0	1	0	6	4	9	6
	15	193	1012.4	-	16.7	4.1	11.5	61	6.0	0	0	9	16	6	0	0	0	0	0	1	0	2	2	7	19	0	4	21	6	0	4	0	2	2	6	6	7	4
	21	193	1012.7	-	12.7	1.8	11.7	79	6.5	0	3	2	18	8	0	0	0	0	1	1	1	5	4	5	14	0	2	5	19	5	0	0	4	1	6	5	4	6
Rattray Head ...	3	108	1011.8	-	10.6	0.9	11.4	88	5.9	0	1	8	17	5	0	0	0	0	0	0	0	5	21	5	0	0	1	12	17	1	1	0	1	2	7	7	11	1
	9	108	1011.5	-	13.5	2.1	12.0	78	5.5	0	2	12	14	2	1	0	1	0	0	0	0	5	8	17	0	0	5	15	11	0	3	0	1	2	6	4	13	2
	15	108	1012.1	-	14.9	2.5	12.5	74	5.1	0	1	16	13	0	1	0	0	0	1	0	0	1	10	19	0	1	4	16	10	0	5	1	3	2	4	2	8	6
	21	108	1012.1	-	12.5	1.6	12.0	82	5.4	0	2	11	15	2	1	0	0	0	1	0	0	2	15	13	0	0	1	13	17	0	2	2	2	2	8	2	10	3
Fife — Leuchars ... H	3	38	1012.5	-	11.3	0.9	12.0	89	5.8	0	4	6	13	7	1	0	0	1	1	1	0	9	1	10	8	0	3	7	18	3	0	2	0	0	2	10	14	0
	9	38	1012.9	+1.0	15.1	2.5	12.6	73	5.9	0	2	9	14	6	0	0	0	0	0	1	0	2	5	7	16	0	1	19	11	0	1	1	2	1	1	5	18	2
	15	38	1012.8	-	17.4	3.8	12.6	64	6.6	0	1	2	24	4	0	0	0	0	0	1	0	2	3	8	17	0	4	18	9	0	1	0	7	1	1	6	14	1
	21	38	1013.1	-	13.4	1.7	12.5	81	6.1	0	4	4	14	9	0	0	0	0	0	0	1	4	7	9	10	1	1	8	20	1	0	2	4	0	4	10	10	0
Midlothian — Turnhouse H	3	144	1013.7	-	11.4	1.0	12.0	88	6.1	0	5	3	14	7	2	0	0	1	1	0	0	7	5	15	2	0	2	10	16	3	1	3	0	0	0	14	10	0
	9	144	1014.0	-	14.9	2.7	12.2	72	6.5	0	1	4	21	5	0	0	0	0	1	0	2	1	6	8	13	0	5	13	11	2	0	2	1	1	1	10	14	0
	15	144	1013.9	-	17.3	4.1	12.1	62	6.3	0	2	5	17	7	0	0	0	0	0	0	2	4	1	8	16	0	5	15	11	0	2	5	1	0	0	9	14	0
	21	144	1014.1	-	13.6	1.9	12.4	79	5.6	0	5	6	15	5	0	0	0	0	0	0	4	2	8	11	6	1	1	13	15	1	0	2	4	0	0	14	10	0
6a SCOTLAND, W.																																								
Argyll — Tiree ... H	3	34	1013.0	-	11.9	0.6	12.9	92	6.9	0	2	2	12	15	0	0	0	0	1	0	4	6	9	6	5	0	5	14	7	5	3	0	0	1	3	6	9	4
	9	34	1013.6	+1.9	13.2	1.2	13.1	86	6.8	0	1	3	14	13	0	0	0	0	0	1	1	8	10	5	6	0	6	15	9	1	3	0	0	4	4	4	11	4
	15	34	1014.1	-	14.2	1.5	13.5	83	5.9	0	4	5	13	9	0	0	0	0	0	0	0	8	11	4	8	0	4	18	9	0	3	0	0	3	4	7	11	3
	21	34	1013.4	-	12.2	0.8	12.9	90	6.7	0	2	3	13	12	1	0	0	0	1	0	3	6	9	5	7	0	6	12	10	3	2	2	0	3	1	10	8	2
Rhuvaal ... H	3	63	1014.2	-	12.0	1.0	12.5	88	6.7	0	2	2	15	12	0	0	0	0	0	0	0	10	9	11	1	2	2	3	23	1	2	0	0	0	4	10	7	7
	9	63	1014.6	-	13.1	1.2	13.0	86	6.7	0	0	8	10	12	1	1	0	1	0	0	0	7	9	8	5	1	1	7	21	1	2	0	0	0	9	3	9	7
	15	63	1014.2	-	14.4	1.7	13.4	81	5.8	0	3	10	11	7	0	0	0	0	0	0	0	3	1	11	6	0	1	10	20	0	2	1	1	0	4	5	11	7
	21	63	1014.8	-	12.6	0.9	12.9	89	6.7	0	1	5	12	10	3	0	0	2	1	0	0	6	12	6	4	1	1	6	21	2	3	0	0	0	2	2	18	4
Renfrew — Renfrew ... H	3	29	1013.9	-	12.3	1.0	12.6	87	6.7	0	1	4	18	8	0	0	0	0	0	0	0	5	14	7	5	0	1	8	16	6	1	2	1	1	1	13	6	0
	9	29	1014.3	+1.9	14.3	1.9	12.9	79	6.7	0	0	4	18	9	0	0	0	0	0	0	2	7	7	8	7	0	2	13	11	5	0	0	1	0	4	12	9	0
	15	29	1014.4	-	16.6	3.0	13.2	70	6.4	0	1	7	16	7	0	0	0	0	0	0	1	7	4	3	16	0	1	17	10	3	0	1	0	1	4	8	11	3
	21	29	1014.4	-	14.0	1.7	13.1	81	6.9	0	1	2	16	12	0	0	0	0	0	0	0	12	13	6	0	0	1	11	17	2	1	2	1	0	3	15	7	0
Lanark — Lowther Hill H	3	-	-	-	7.8	0.0	10.7	100	7.7	0	1	0	2	1	27	3	21	2	1	0	0	0	3	1	0	4	8	9	9	1	2	0	1	0	1	5	14	7
	9	-	-	-	8.7	0.2	11.0	97	7.5	0	0	2	5	6	18	3	13	2	2	0	0	2	2	2	5	2	10	8	11	0	3	0	1	1	3	3	8	12
	15	-	-	-	10.7	0.9	11.6	90	7.0	0	0	3	12	4	12	2	7	2	1	0	0	0	5	4	10	2	10	14	5	0	1	0	1	1	1	6	9	12
	21	-	-	-	8.8	0.2	11.1	97	7.5	0	0	2	6	5	18	5	9	2	3	0	0	2	2	3	5	2	4	14	11	0	1	0	2	0	4	5	9	10
Ayr — Prestwick Airport H	3	69	1014.2	-	12.0	0.7	12.9	91	6.8	0	0	6	12	12	1	0	0	0	1	0	0	6	8	15	1	0	1	12	13	5	0	2	0	4	5	7	7	1
	9	69	1014.6	-	14.1	1.6	13.3	83	6.7	0	0	6	14	11	0	0	0	0	0	1	1	4	8	13	4	0	0	16	15	0	0	1	3	2	2	11	9	3
	15	69	1014.7	-	15.9	2.6	13.3	74	6.4	0	1	7	12	11	0	0	0	0	0	0	1	3	5	11	11	0	1	18	12	0	1	1	0	0	4	9	15	1
	21	69	1014.6	-	13.4	1.2	13.3	86	6.7	0	2	1	19	9	0	0	0	0	0	0	2	3	9	15	2	0	1	10	19	1	0	1	1	2	3	12	7	4
Dumfries — Eskdalemuir Observatory H	3	778	1014.8	-	10.1	0.6	11.5	92	6.9	0	2	1	15	12	1	0	1	1	0	4	0	5	6	14	0	0	0	6	15	0	0	1	0	0	6	6	6	2
	9	778	1015.1	+2.7	13.2	1.6	12.5	82	7.1	0	0	2	16	13	0	0	0	0	0	0	1	6	7	11	6	0	0	9	18	4	2	1	0	1	4	5	13	1
	15	778	1014.9	-	15.8	2.8	12.8	72	6.7	0	1	4	17	9	0	0	0	0	0	0	2	4	3	12	10	0	0	9	21	1	2	2	0	0	3	9	14	0
	21	778	1015.3	-	11.9	0.9	12.8	88	6.5	0	3	3	14	11	0	0	0	0	1	1	1	5	5	15	3	0	0	5	21	5	1	1	0	0	6	4	12	2
Wigtown — Mull of Galloway H	3	260	1015.8	-	11.9	0.6	12.9	92	6.7	0	3	3	11	14	0	0	0	0	0	0	0	4	9	14	4	2	4	9	12	4	3	1	0	0	3	6	4	10
	9	260	1016.3	-	13.5	1.2	13.4	87	6.3	0	3	5	14	8	1	0	1	0	0	0	1	2	5	18	4	2	1	18	10	0	6	1	0	4	1	6	6	7
	15	260	1016.6	-	15.2	2.0	13.8	80	6.3	0	2	4	18	5	2	0	2	0	0	0	0	4	6	15	4	1	5	14	10	1	9	1	0	1	0	11	3	5
	21	260	1016.2	-	12.5	0.9	13.0	89	6.5	0	2	3	16	10	0	0	0	0	0	0	0	3	8	16	4	1	5	14	8	3	9	0	0	0	2	8	5	4
6b ISLE OF MAN																																								
Isle of Man — Ronaldsway H	3	68	1015.9	-	12.6	0.8	13.3	90	6.1	0	3	5	16	7	0	0	0	0	0	0	0	3	12	9	7	0	2	7	17	5	2	2	1	0	2	5	11	3
	9	68	1016.6	-	14.2	1.6	13.4	82	6.6	0	2	3	17	8	1	0	0	1	0	0	1	4	4	11	10	0	4	14	13	0	4	0	2	3	1	7	10	4
	15	68	1016.7	-	15.9	2.4	13.7	76	6.2	0	1	7	16	7	0	0	0	0	0	0	0	6	3	12	10	0	2	16	12	1	3	0	0	2	3	16	6	0
	21	68	1016.4	-	13.7	1.2	13.6	86	6.2	0	4	5	10	12	0	0	0	0	0	0	0	3	7	15	6	0	1	9	16	5	3	0	1	3	2	5	11	1
Point of Ayre H	3	30																																						
	9	30																																						
	15	30																																						
	21	30																																						
2 ENGLAND, N.E.																																								
Northumberland — Acklington H	3	151	1014.2	-	11.2	0.7	12.3	91	5.9	0	6	3	15	6	1	1	0	0	0	1	3	2	4	13	7	0	1	4	24	2	1	1	0	0	3	12	10	2
	9	151	1014.5	-	15.1	2.3	12.9	75	5.9	0	3	8	14	6	0	0	0	0	0	0	4	1	3	9	14	0	0	17	14	0	3	0	2	2	1	10	11	2
	15	151	1014.5	-	17.0	3.3	13.2	68	5.9	0	2	9	16	4	0	0	0	0	0	0	0	3	9	5	14	0	4	13	13	1	2	4	4	3	2	4	11	0
	21	151	1014.7	-	13.5	1.4	13.1	84	6.0	0	3	7	13	8	0	0	0	0	0	1	4	6	9	8	3	0	1	10	20	0	3	0	0	5	4	10	9	0

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Dry Bulb: Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 to 2	3 to 5	6 to 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind. Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
2 ENGLAND, N.E. —cont.																																												
Tynemouth H	3	130	1014.8	-	12.7	1.3	12.6	84	5.9	1	3	6	14	7	0	0	0	0	0	0	0	7	12	12	0	0	0	9	18	4	1	0	0	0	5	1	18	2
	9	130	1015.1	+1.8	14.8	2.6	12.2	72	6.0	1	1	8	12	9	0	0	0	0	0	2	7	7	15	0	0	2	13	14	2	3	0	2	2	2	1	18	1
	15	130	1015.1	-	16.4	3.2	12.7	69	6.3	0	0	8	14	9	0	0	0	0	0	3	4	5	19	0	0	2	15	13	1	2	2	4	4	3	1	14	0
	21	130	1015.2	-	14.8	2.3	12.7	75	6.1	0	1	8	15	7	0	0	0	0	0	4	8	14	5	0	0	1	14	15	1	3	0	1	0	6	5	14	1
Durham — Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding — Dishforth ... H	3	131	1015.7	-	12.3	0.8	13.0	90	5.7	0	5	5	14	7	0	0	0	0	2	2	10	7	4	6	0	0	9	14	8	4	1	1	0	3	4	9	1
	9	131	1016.0	-	16.2	2.6	13.7	74	6.4	0	1	8	15	7	0	0	0	0	0	2	6	3	7	13	0	0	14	16	1	5	0	0	2	2	4	11	6
	15	131	1015.9	-	18.9	3.8	14.3	65	6.6	0	1	3	22	5	0	0	0	0	0	0	5	4	6	16	0	1	16	14	0	2	1	1	2	1	3	17	4
	21	131	1016.3	-	14.9	1.5	14.2	83	5.9	0	2	8	17	4	0	0	0	0	2	0	8	3	8	10	0	0	6	24	1	4	0	1	3	5	4	13	0
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1015.3	-	15.1	2.0	13.5	78	5.9	1	2	7	11	10	0	0	0	0	0	2	9	9	10	1	0	3	16	10	2	3	2	1	1	5	5	7	5
	15	210	1015.3	-	16.7	2.8	13.7	73	6.2	0	0	9	15	7	0	0	0	0	0	0	8	10	12	1	0	2	12	17	0	1	4	9	0	3	4	6	4
	21	210	1015.5	-	14.4	1.7	13.4	81	6.0	0	2	7	15	6	1	0	0	0	1	0	0	11	15	4	0	0	8	19	4	1	1	1	1	12	5	5	1
Yorks., E. Riding — Leconfield H	3	28	1016.0	-	12.2	0.7	13.1	92	5.5	0	5	7	9	8	2	0	0	1	1	0	2	11	12	3	1	0	1	5	22	3	1	1	0	0	2	9	11	4
	9	28	1016.3	-	16.3	2.4	14.1	75	6.4	1	0	4	19	7	0	0	0	0	0	0	6	12	6	7	0	0	15	15	1	2	1	1	1	3	4	13	5
	15	28	1016.3	-	18.6	3.9	13.8	65	6.0	0	1	11	14	5	0	0	0	0	0	0	5	10	6	10	0	3	18	10	0	2	3	2	4	1	4	14	1
	21	28	1016.7	-	14.6	1.6	13.9	83	5.8	0	3	12	7	9	0	0	0	0	0	1	2	8	7	5	8	0	1	7	20	3	2	3	1	3	1	6	10	2
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln — Waddington H	3	227	1015.8	-	12.6	0.8	13.4	91	5.0	1	8	6	5	11	0	0	0	0	0	1	20	6	4	0	0	1	5	25	0	5	1	1	1	4	14	2	3
	9	227	1017.1	-	16.3	2.5	13.9	74	5.7	0	4	6	14	7	0	0	0	0	0	0	7	12	10	2	0	0	11	20	0	2	2	2	1	1	7	10	6
	15	227	1016.9	-	19.5	4.5	13.5	60	5.6	0	3	9	15	4	0	0	0	0	0	0	2	9	15	4	0	2	11	18	0	1	3	1	1	2	4	13	6
	21	227	1017.3	-	15.1	1.9	13.9	80	5.3	0	5	10	6	10	0	0	0	0	1	1	7	14	5	3	0	0	3	27	1	2	2	2	2	3	10	6	3
Binbrook ... H	3	356	1016.3	-	12.0	0.7	13.0	91	6.0	0	2	8	13	8	0	0	0	0	1	7	12	9	1	1	0	0	8	21	2	3	1	0	0	6	10	8	1
	9	356	1016.6	-	15.6	2.5	13.2	74	6.1	0	3	4	18	6	0	0	0	0	0	1	10	14	4	2	0	0	14	17	0	2	2	2	0	2	7	12	4
	15	356	1016.5	-	18.6	4.2	13.3	62	6.5	0	3	2	17	9	0	0	0	0	0	1	7	12	10	1	0	1	13	17	0	1	3	4	1	1	3	17	1
	21	356	1017.0	-	14.3	1.6	13.5	81	5.9	0	4	4	14	9	0	0	0	1	0	2	15	9	4	0	0	1	5	20	5	2	1	3	3	1	8	8	0
Manby ... H	3	47	1016.4	-	12.3	0.7	13.3	92	5.8	0	5	5	13	8	0	0	0	0	1	4	19	6	1	0	0	0	6	23	2	3	0	0	0	4	10	7	5
	9	47	1016.7	-	16.9	2.7	14.3	74	5.6	0	5	7	14	5	0	0	0	0	0	0	9	16	3	3	0	1	14	14	2	3	0	2	0	2	6	10	6
	15	47	1016.7	-	19.3	4.1	14.1	63	5.6	0	5	7	12	7	0	0	0	0	0	2	3	17	9	0	0	2	10	19	0	1	4	3	3	1	2	14	3
	21	47	1017.1	-	14.2	1.2	14.2	87	5.3	0	6	9	8	8	0	0	0	0	1	0	3	11	14	2	0	0	1	3	24	3	1	2	2	2	8	5	5	3
3 ENGLAND, E.																																												
Norfolk — Marham H	3	89	1017.3	-	12.8	0.6	13.9	93	5.1	1	9	4	7	10	0	0	0	0	0	2	4	20	3	2	0	0	1	5	23	2	2	0	3	2	10	6	2	4
	9	89	1017.6	-	16.7	2.1	15.0	79	6.3	1	1	5	18	6	0	0	0	0	0	1	11	14	5	0	0	0	16	13	2	2	2	1	1	2	11	5	5
	15	89	1017.2	-	20.6	4.6	14.7	60	5.8	0	2	9	17	3	0	0	0	0	0	1	2	15	11	2	0	2	17	10	2	3	1	3	1	2	7	9	3
	21	89	1017.7	-	15.9	1.8	14.9	81	5.0	1	7	6	11	6	0	0	0	0	0	1	2	9	12	6	1	0	5	23	3	3	1	4	3	4	5	7	1
West Raynham H	3	263	1017.0	-	12.2	0.6	13.3	92	5.4	1	5	6	10	9	0	0	0	0	1	1	5	14	9	0	1	0	1	6	22	2	2	0	2	2	3	11	8	1
	9	263	1017.2	-	16.2	2.1	14.6	79	6.3	1	3	2	17	8	0	0	0	0	0	1	1	6	14	8	1	0	0	17	14	0	3	3	0	1	3	7	11	3
	15	263	1016.9	-	19.8	4.5	14.1	60	5.8	0	1	11	16	3	0	0	0	0	0	0	2	12	14	3	0	2	20	9	0	3	4	1	1	2	6	11	3
	21	263	1017.5	-	14.9	1.6	14.2	82	4.4	1	9	7	11	3	0	0	0	0	0	0	2	10	11	6	2	0	1	2	22	6	1	2	4	3	4	5	6	0
Coltishall ... H	3	57	1016.9	-	12.4	0.8	13.3	91	4.4	1	9	10	4	7	0	0	0	0	0	1	4	16	9	1	0	0	2	19	10	2	1	1	1	4	8	4	0
	9	57	1017.1	-	17.0	2.5	14.6	75	6.1	1	4	3	13	10	0	0	0	0	0	0	10	17	2	1	0	0	17	13	1	5	0	1	2	1	12	6	3
	15	57	1017.0	-	19.9	4.6	14.0	60	5.8	0	2	7	20	2	0	0	0	0	0	1	3	16	10	1	0	1	16	13	1	3	5	3	1	2	7	8	1
	21	57	1017.5	-	15.0	1.8	13.9	80	4.8	0	11	5	10	5	0	0	0	0	0	3	6	17	5	0	0	0	2	22	7	1	0	6	3	4	6	2	2
Gorleston H	3	26	1017.4	-	14.0	1.1	14.2	88	4.6	1	10	7	8	5	0	0	0	0	1	0	1	13	16	0	0	0	4	25	2	0	1	1	3	4	7	9	4
	9	26	1018.0	+3.3	16.4	2.1	14.7	78	6.1	1	2	6	12	10	0	0	0	0	0	1	19	11	0	0	0	1	15	15	0	6	0	0	3	3	6	11	2
	15	26	1017.7	-	17.5	2.6	15.0	75	5.5	1	1	11	16	2	0	0	0	0	0	2	14	15	0	0	0	0	19	12	0	6	3	2	9	1	4	6	0
	21	26	1017.8	-	16.0	1.7	15.0	81	4.5	0	14	3	10	4	0	0	0	0	0	0	17	14	0	0	0	0	6	25	0	5	1	2	8	5	4	0	6
Suffolk — Mildenhall H	3	39	1017.3	-	13.2	0.8	14.0	91	5.4	3	3	6	9	10	0	0	0	1	0	0	5	17	7	1	0	0	0	27	4	0	0	1	2	2	9	8	5
	9	39	1017.6	-	17.3	2.4	15.1	76	6.5	1	0	4	17	9	0	0	0	0	1	0	11	16	1	2	0	0	8	22	1	3	2	0	2	2	7	8	6
	15	39	1017.2	-	21.4	5.0	14.9	58	5.5	0	2	10	17	2	0	0	0	0	0	0	1	17	12	1	0	1	5	25	0	5	1	1	1	3	5	11	4
	21	39	1017.6	-	16.6	2.1	15.1	79	4.9	0	9	6	9	7	0	0	0	0	0	3	4	22	2	0	0	0	2	26	3	0	2	4	3	3	7	6	3
Wattisham H	3	299	1017.7	-	12.3	0.4	13.9	96	4.7	1	11	3	10	6	0	0	0	0	2	1	6	18	3	1	0	0	5	25	1	3	1	2	2	1	13	4	4
	9	299	1017.9	-	16.5	1.9	15.4	81	6.3	1	2	5	12	11	0	0	0	0	0	1	0	13	9	7	1	0	13	18	0	4	2	1	2	1	8	9	4
	15	299	1017.3	-	20.3	3.9	15.8	65	5.9	0	0	10	21	0	0	0	0	0	0	0	7	17	6	1	0	0	15	16	0	3	2	2	2	3	4	10	5
	21	299	1018.1	-	15.1	1.4	14.8	85	4.2	0	11	6	12	2	0	0	0	0	1	1	9	15	4	0	0	0	3	28	0	5	1	4	0	7	9	4	1
Aldeburgh H	3	35	1018.3	-	14.0	1.1	14.2	88	3.5	7	9	5	2	8	0	0	0	0	0	2	2	16	11	0	0	0	0	31	0	2	1	2	1	3	9	10	3
	9	35	1018.3	-	17.5	2.6	15.0	75	6.1	1	1	9	6	14	0	0	0	0	0	2	17	12	0	0	0	1	1	29	0	5	2	1	1	5	8	6	3
	15	35	1018.2	-	19.2	3.6	15.1	69	5.5	1	1	11	13	5	0	0	0	0	0	1	12	18	0	0	0	0	12	19	0	2	5	2	1	8	4	6	3
	21	35	1018.3	-	16.4	2.0	14.9	79	4.3	4	7	7	6	7	0	0	0	0	0	1	2	10	18	0	0	0	2	29	0	7	4	2	1	6	8	2	1
Huntingdon — Wyton ... H	3	141	1017.4	-	13.2	0.9	13.8	90	5.0	1	9	3	8	10	0	0	0	0	1	2	19	7	2	0	0	0	6	23	2	2	0	1	1	3	15	4	3
	9	141	1017.7	-	16.9	2.5	14.6	75	6.1	1	1	5	16	8	0	0	0	0	0	1	13	10	4	3	0	0	9	19	3	4	1	1	2	2	10	6	2
	15	141	1017.2	-	21.0	5.1	14.2	56	5.9	0	1	9	18	3	0	0	0	0	0	0	6	8	12	5	0	1	16	12	2	2	0	2	0	2	6	13	4
	21	141	1017.7	-	16.7	2.3	14.7	76	5.5	1	5	6	14	5	0	0	0	0	0	3	5	16	7	0	0	0	5	24	2	1	3	3	0	4	9	6	3
Bedford — Cardington H	3	96	1017.7	-	12.3	0.6	13.5	94	5.2	1	8	4	7	11	0	0	0	0	1	0	4	20	6	0	0	0	6	22	3	2	2	2	1	2	13	6	0
	9	96	1018.0	-	17.2	2.4	14.9	75	6.1	0	1	10	11	9	0	0	0	0	0	1	8	15	6	0	0	0	8	22	1	5	1	1	1	2	11	7	2
	15	96	1017.5	-	21.1	4.9	14.7	58	5.8	0	4	3	22	2	0	0	0	0	0	0	3	16	12	0	0	1	8	20	2	3	1	1	0	2	8	13	1
	21	96	1017.9	-	15.6	1.7	14.7	83	4.8	0	8	9	9	5	0	0	0	0	0	0	10	18	3	0	0	0	5	25	1	1	2	3	0	4	10	7	3
Hertford — Bovingdon H	3	517	1018.1	-	12.6	0.5	13.8	93	4.8	2	9	3	7	10	0	0	0	0	1	1	6	14	9	0	0	0	4	17	10	3	0	2	0	1	6	5	4
	9	517	1018.3	-	16.1	2.1	14.4	78	6.0	0	4	5	12	10	0	0	0	0	0	0	1	10	14	5	1	0	10	19	2	5	0	3	0	2	6	8	5
	15	517	1017.7	-	20.0	4.3	14.6	62	5.7	0	3	8	16	4	0	0	0	0	0	0	5	11	9	6	0	0	13	17	1	7	0	0	1	0	5	11	6
	21	517	1018.4	-	15.6	1.7	14.7	81	4.3	0	13	4	10	4	0	0	1	0	0	0	2	6	13	9	0	0	4	24	3	4	0	2	1	2	2	13	4
Essex — Stansted H	3	334	1017.9	-	13.0	0.6	14.0	93	5.1	2	6	7	7	9	0	0	0	0	0	3	5	13	7	3	0	0	1	24	6	2	1	3	0	5	8	3	3
	9	334	1018.1	-	16.6	2.3	14.7	77	6.0	1	0	10	13	7	0	0	0	0	1	2	5	9	10	4	0	0	10	20	1	3	1	1	1	1	11	6	6
	15	334	1017.5	-	20.6	4.9	14.2	58	4.9	0	6	11	12	2	0	0	0	0	0	0	2	1	12	16	0	0	13	17	1	2	1	1	1	3	8	12	2
	21	334	1018.2	-	15.9	2.0	14.5	79	3.8	0	13	7	8	3	0	0	0	0	0	3	7	10	10	1	0	0	3	24	4	2	2	2	5	3	8	5	0
Shoeburyness H	9	17	1018.7	+3.2	17.6	2.1	16.1	79	6.0	0	2	8	12	9	0	0	0	0	0	1	3	13	11	3	0	0	1	8	20	2	3	0	3	0	5	7	7	4
	15	17	1018.3	-	20.4	3.5	16.7	69	5.5	1	3	7	19	1	0	0	0	0	0	2	9	16	4	0	0	0	11	20	0	2	1	6	2	6	6	6	2
	21	17	1018.6	-	17.0	1.8	16.0	82	4.4	1	9	8	10	3	0	0	0	0	0	1	13	11	3	3	0	0	5	25	1	1	1	5	1	6	10	3	3
Walton-on-Naze ... H	3	21	1017.6	-	14.1	0.9	14.3	90	4.3	4	4	13	4	5	1	0	0	1	1	0	1	17	10	1	0	0	5	25	1	3	1	0	3	0	4	10	9
	9	21	1018.1	-	17.3	2.3	15.3	77	6.2	0	2	9	7	13	0	0	0	0	0	1	6	17	7	0	0	0	1	12	18	0	3	3	3	0	1	6	10	5
	15	21	1017.9	-	19.5	3.5	15.5	68	4.9	2	4	11	9	5	0	0	0	0	0	3	18	10	0	0	0	1	16	14	0	1	1	5	4	7	3	6	4
	21	21	1018.0	-	16.8	2.0	15.3	79	4.4	0	11	9	4	6	1	0	0	0	1	0	1	15	14	0	0	0	8	22	1	2	1	7	1	1	12	4	2
4 MIDLAND COUNTIES																																												
Yorks, W.R. — Huddersfield Oakes H	3	769	1015.8	-	11.4	1.1	11.9	87	6.5	2	0	7	2	20	0	0	0	0	1	1	3	20	3	2	1	0	1	13	17	0	0	3	0	1	6	10	10	0
	9	769	1016.1	-	15.1	2.0	13.6	78	6.4	0	2	5	13	11	0	0	0	0	1	0	3	17	6	1	3	0	1	14	15	1	0	2	2	0	6	7	11	2
	15	769	1016.1	-	17.2	3.2	13.6	69	6.3	0	1	8	12	10	0	0	0	0	0	0	1	11	7	10	2	0	1	15	15	0	0	1	1	0	4	5	18	2
	21	769	1016.5	-	13.5	1.4	13.2	84	6.1	1	2	6	9	13	0	0	0	0	1	2	3	15	4	4	2	0	1	11	18	1	2	1	0	1	3	5	17	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount: No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1016.8	-	12.2	0.6	13.4	94	6.0	1	4	2	14	10	0	0	0	0	1	1	4	19	6	0	0	0	0	6	16	9	2	1	0	0	1	6	10	2
	9	390	1017.2	-	15.9	2.2	14.0	77	6.3	0	3	3	15	10	0	0	0	0	1	0	0	12	11	5	2	0	0	8	23	0	0	2	3	1	1	3	15	6
	15	390	1016.9	-	19.1	3.9	14.3	64	5.8	0	1	12	12	6	0	0	0	0	0	0	1	3	11	11	5	0	0	10	19	2	2	0	0	0	1	4	17	5
	21	390	1017.1	-	14.9	1.6	14.1	82	5.8	0	4	7	11	9	0	0	0	0	1	0	2	14	12	2	0	0	0	1	24	6	0	2	2	2	1	3	12	3
Finningley H	3	46	1016.3	-	12.7	0.9	13.3	89	5.6	0	6	6	7	12	0	0	0	0	0	0	7	12	9	3	0	0	0	6	18	7	2	2	0	0	9	2	5	4
	9	46	1015.6	-	16.9	2.9	13.8	71	6.0	0	2	7	17	5	0	0	0	0	0	0	1	9	15	4	2	0	2	15	13	1	3	1	2	0	2	6	10	6
	15	46	1015.6	-	19.6	4.4	13.9	61	6.1	0	1	11	13	6	0	0	0	0	0	0	1	6	11	11	2	0	4	16	11	0	1	2	0	1	2	5	14	6
	21	46	1016.9	-	15.6	2.0	14.0	78	5.8	1	4	4	13	9	0	0	0	0	0	1	1	14	10	5	0	0	1	6	22	2	2	2	2	2	3	5	9	4
Northampton Wittering H	3	219	1017.3	-	12.4	0.7	13.3	91	5.3	0	5	9	9	8	0	0	0	0	0	0	5	10	10	6	0	0	0	8	23	0	5	0	2	0	4	8	9	3
	9	219	1017.5	-	16.9	2.7	14.2	73	6.2	0	2	6	17	6	0	0	0	0	0	0	0	4	18	5	4	0	2	12	17	0	6	1	1	1	1	8	10	3
	15	219	1017.2	-	20.4	4.8	14.0	58	5.7	0	2	10	15	4	0	0	0	0	0	0	0	2	8	14	7	0	1	14	16	0	2	3	0	0	2	7	13	4
	21	219	1017.6	-	15.8	2.1	14.1	78	4.9	0	8	9	7	7	0	0	0	0	0	0	0	6	12	12	1	0	0	2	29	0	3	2	4	0	5	7	9	1
Warwick Edgbaston H	9	542	1018.0	-	15.4	2.0	13.8	78	5.9	1	3	5	14	8	0	0	0	0	0	2	2	5	17	5	0	0	0	6	25	0	0	2	4	0	2	8	10	5
	15	542	1017.6	-	18.6	3.9	13.7	64	5.8	0	2	12	10	7	0	0	0	0	0	0	2	2	5	15	7	0	0	8	23	0	1	0	3	1	3	5	11	7
	21	542	1017.9	-	15.9	2.3	13.9	76	5.3	0	6	10	7	8	0	0	0	0	0	1	2	6	15	7	0	0	0	2	29	0	3	1	1	1	1	12	3	9
Elmdon ... H	3	362	1017.4	-	12.8	0.8	13.5	91	5.8	0	6	4	12	9	0	0	0	0	0	2	0	13	11	5	0	0	0	5	21	5	4	0	0	0	4	8	5	5
	9	362	1017.7	-	16.0	2.6	13.5	74	6.5	0	1	5	18	7	0	0	0	0	0	0	3	5	18	4	1	0	0	10	20	1	1	2	3	1	1	4	10	8
	15	362	1017.4	-	19.3	4.3	13.8	61	6.2	0	1	6	20	4	0	0	0	0	0	0	1	6	8	12	4	0	1	17	13	0	0	1	3	1	2	5	12	7
	21	362	1017.7	-	15.7	2.3	13.8	76	5.5	0	5	8	9	9	0	1	0	0	0	1	3	6	19	1	1	0	0	7	20	4	2	1	0	0	3	9	4	8
Shropshire Shawbury H	3	249	1017.1	-	12.1	0.6	13.3	93	6.0	0	4	5	12	9	1	0	0	0	0	1	2	4	11	11	1	0	0	5	20	6	1	0	0	0	5	13	5	1
	9	249	1017.6	-	15.9	2.3	13.9	76	6.9	0	1	1	23	6	0	0	0	0	0	1	1	3	8	14	4	0	1	14	15	1	1	0	1	3	2	6	14	3
	15	249	1017.4	-	18.6	3.9	13.9	65	6.1	0	2	6	17	6	0	0	0	0	0	0	3	1	7	6	14	0	2	18	11	0	5	0	1	1	3	6	10	5
	21	249	1017.7	-	14.3	1.3	14.0	84	5.9	0	3	7	14	7	0	0	0	0	1	1	2	2	9	10	6	0	0	6	23	2	7	0	1	0	4	3	11	3
Worcester Pershore ... H	3	117	1017.8	-	12.7	0.8	13.4	90	5.2	2	6	4	9	9	1	1	0	0	1	0	2	14	10	2	1	0	0	4	13	14	1	0	0	0	4	8	3	1
	9	117	1018.1	-	16.9	2.8	13.9	72	6.5	0	3	0	20	8	0	0	0	0	0	1	2	4	7	13	4	0	0	10	18	3	3	1	4	0	2	4	12	2
	15	117	1017.8	-	20.2	4.8	13.8	58	6.3	0	1	8	16	6	0	0	0	0	0	0	1	2	7	12	9	0	2	15	13	1	4	1	1	1	0	8	12	3
	21	117	1018.1	-	16.2	2.3	14.2	76	5.6	0	6	5	13	7	0	0	0	0	0	1	2	6	8	11	3	0	1	6	23	1	3	2	1	0	1	7	10	6
Hereford Ross-on-Wye H	9	226	1018.0	+2.9	16.7	2.6	14.2	74	6.2	1	3	3	13	11	0	0	0	0	0	2	1	5	5	16	2	0	0	6	25	0	1	1	2	1	0	11	9	6
	15	226	1017.7	-	19.7	4.2	14.3	62	5.6	0	3	8	15	5	0	0	0	0	0	0	0	5	7	15	4	0	0	6	25	0	2	2	1	1	2	7	14	2
	21	226	1018.1	-	15.7	1.9	14.5	81	5.0	0	9	6	11	5	0	0	0	0	0	0	1	10	7	7	6	0	0	2	26	3	3	1	1	0	3	14	4	2
Gloucester Filton ... H	3	197	1017.9	-	13.8	0.8	14.5	91	4.9	3	5	7	6	10	0	0	0	0	0	0	4	11	13	3	0	0	0	4	16	11	3	1	0	1	1	11	3	0
	9	197	1018.4	-	16.6	2.0	15.2	79	6.1	0	2	9	11	9	0	0	0	0	1	0	0	9	12	9	0	0	0	8	16	7	2	1	2	0	1	9	7	2
	15	197	1018.1	-	19.5	3.3	15.8	69	5.6	0	3	8	16	4	0	0	0	0	0	0	0	6	8	13	4	0	1	8	22	0	2	2	1	1	1	9	13	2
	21	197	1018.3	-	16.1	1.6	15.3	83	4.6	0	7	14	6	4	0	0	0	0	0	0	1	7	14	8	1	0	0	4	23	4	1	2	0	1	2	14	7	0
Gloucester H	3	79	1018.1	-	13.4	0.9	13.9	90	4.6	0	2	7	17	5	0	0	0	0	0	2	4	12	5	5	3	0	2	7	21	1	3	2	0	1	2	12	5	5
	9	79	1018.6	-	17.4	2.6	14.7	73	6.2	1	2	3	17	7	1	0	0	0	1	0	2	6	9	9	4	0	0	7	22	2	3	1	0	0	4	15	5	1
	15	79	1018.3	-	20.8	4.7	14.7	59	6.1	0	2	7	17	5	0	0	0	0	0	0	1	3	5	9	13	0	2	7	21	1	3	2	0	1	2	12	5	5
	21	79	1018.5	-	16.9	2.4	14.7	76	5.3	1	5	7	13	5	0	0	0	0	0	1	0	6	8	11	5	0	0	4	22	5	4	0	0	2	1	14	3	2
Little Rissington H	3	751	1017.9	-	12.6	0.6	13.7	93	4.8	2	9	3	11	5	1	0	0	0	2	0	4	10	14	0	0	0	0	7	23	1	7	2	0	1	2	6	9	3
	9	751	1018.2	-	15.7	2.0	14.2	79	6.3	0	3	4	16	7	1	0	1	0	0	1	1	6	12	8	2	0	0	12	16	3	1	3	2	1	0	6	11	4
	15	751	1017.8	-	19.0	3.7	14.6	66	6.0	0	2	6	20	3	0	0	0	0	0	0	1	4	7	11	8	0	0	12	18	1	4	2	1	0	2	4	14	3
	21	751	1018.3	-	15.3	1.6	14.6	83	4.7	2	6	9	7	7	0	0	0	0	0	0	3	9	9	6	4	0	1	4	26	0	6	3	1	1	2	7	7	4
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	86	1018.0	-	14.3	1.0	14.5	88	5.1	2	4	9	6	10	0	0	0	0	0	0	5	10	13	3	0	0	0	3	24	4	1	1	1	1	4	8	7	4
	9	86	1018.4	-	17.5	2.7	14.8	74	5.6	1	4	7	11	8	0	0	0	0	0	0	2	7	14	6	2	0	0	9	22	0	5	0	1	1	3	9	8	4
	15	86	1017.8	-	21.9	5.5	14.6	55	5.2	0	5	10	15	1	0	0	0	0	0	0	0	3	8	15	5	0	0	12	19	0	3	0	1	0	4	6	11	6
	21	86	1018.2	-	17.9	2.8	15.1	73	5.2	0	6	12	9	4	0	0	0	0	0	0	0	9	13	7	2	0	0	4	27	0	2	1	1	0	6	7	7	7
Surrey Kew Observatory H	9	34	1018.5	+3.0	17.9	3.0	14.6	71	6.0	0	4	4	14	9	0	0	0	0	0	0	1	5	11	6	8	0	0	10	19	2	3	3	1	0	2	9	7	4
	15	34	1017.9	-	21.9	5.4	14.4	55	6.0	0	1	8	21	1	0	0	0	0	0	0	0	6	3	10	12	0	0	8	23	0	4	0	1	1	1	11	9	4
	21	34	1018.4	-	18.0	2.9	14.8	74	4.5	0	10	7	10	4	0	0	0	0	0	0	1	4	10	10	6	0	0	4	22	5	0	0	2	1	2	9	8	4
Gatwick H	3	195	1018.5	-	12.3	0.3	13.8	96	4.9	1	7	8	5	9	1	0	3	1	1	0	4	10	11	1	0	0	0	3	20	8	2	2	1	0	2	13	2	1
	9	195	1018.7	-	17.3	2.2	15.5	78	5.8	0	4	5	14	8	0	0	0	0	0	0	2	11	8	9	1	0	0	7	23	1	4	3	3	0	2	9	6	3
	15	195	1018.1	-	21.1	4.4	15.6	62	5.3	0	4	8	18	1	0	0	0	0	0	0	0	4	10	14	3	0	1	11	19	0	0	3	1	1	3	10	9	4
	21	195	1018.8	-	15.6	1.3	15.4	73	4.0	1	12	7	8	3	0	0	0	0	0	1	1	11	14	4	0	0	1	1	26	3	1	1	0	0	5	12	7	2
Kent Deal ... H	3	34	1018.3	-	14.3	0.8	14.8	90	4.5	4	6	8	6	6	1	0	0	0	2	1	0	8	9	10	1	0	1	3	27	0	4	2	1	1	3	10	7	3
	9	34	1018.7	-	17.5	2.4	15.3	76	5.9	0	5	7	13	6	0	0	0	0	0	0	1	12	12	6	0	0	1	11	19	0	8	1	1	1	2	9	6	3
	15	34	1018.6	-	19.1	2.6	16.7	76	5.4	2	4	6	11	8	0	0	0	0	1	0	4	7	17	2	0	0	0	13	18	0	2	3	3	3	4	14	2	0
	21	34	1018.4	-	16.2	1.4	15.7	85	4.4	1	7	10	9	3	1	0	0	1	1	0	3	7	13	5	1	0	0	6	21	4	1	2	2	2	5	10	4	1
Sussex Thorney Island H	3	148	1018.3	-	14.0	0.9	14.5	90	4.4	4	6	8	6	6	1	0	0	0	2	1	0	8	9	10	1	0	1	3	27	0	4	2	1	1	3	10	7	3
	9	148	1018.6	-	17.2	2.1	15.7	79	5.6	0	5	7	13	6	0	0	0	0	0	0	1	12	12	6	0	0	1	11	19	0	8	1	1	1	2	9	6	3
	15	148	1018.2	-	20.0	3.7	15.8	67	5.0	1	3	12	11	4	0	0	0	0	0	1	0	7	11	10	2	0	2	15	14	0	4	5	2	4	0	11	2	3
	21	148	1018.6	-	15.7	1.4	15.3	85	4.3	2	10	5	11	3	0	0	0	0	0	2	2	7	10	8	2	0	0	8	22	1	2	2	3	2	9	9	2	1
Sussex Thorney Island H	3	35	1018.6	-	13.8	0.6	14.8	93	4.7	2	8	5	9	6	1	0	1	0	1	1	0	8	18	2	0	0	0	5	17	9	2	1	3	0	0	4	6	6
	9	35	1019.1	-	17.7	2.2	15.9	78	5.9	0	1	11	11	8	0	0	0	0	0	0	1	9	9	7	5	0	1	6	23	1	2	1	4	0	4	8	5	6
	15	35	1018.9	-	19.9	3.2	16.6	71	4.8	2	6	6	15	2	0	0	0	0	0	0	0	5	7	12	7	0	0	8	23	0	1	0	0	1	9	8	8	4
	21	35	1019.1	-	16.4	1.5	15.8	85	4.5	1	10	3	13	4	0	0	0	0	0	0	1	8	11	9	2	0	0	3	26	2	1	1	1	3	1	4	16	2
East Hoathly H	9	133	1019.0	-	17.6	2.1	16.2	80	6.1	0	1	7	20	3	0	0	0	0	0	2	2	12	7	8	0	0	1	7	23	0	4	1	3	1	1	7	12	2
	15	133	1018.8	-	19.6	3.0	16.6	72	5.3	2	4	3	20	2	0	0	0	0	0	0	0	11	10	9	1	0	0	12	19	0	1	1	1	1	4	14	7	2
	21	133	1019.2	-	14.7	0.7	15.4	92	3.9	2	13	4	8	4	0	0	0	0	0	4	5	10	4	8	0	0	0	3	24	4	0	1	6	3	4	7	6	0
Eastbourne Coastguard H	9	24	1019.2	-	17.3	2.3	15.3	77	6.0	0	1	11	7	11	1	0	0	0	0	1	1	3	13	13	0	0	1	2	6	15	7	4	0	2	0	2	0	15	1
	15	24	1019.1	-	19.4	2.5	15.2	68	4.7	3	3	12	9	4	0	0	0	0	0	0	2	13	16	0	0	0	8	9	13	1	0	0	2	0	6	1	21	0
	21	24	1019.0	-	16.4	1.8	15.0	81	4.2	2	6	13	6	4	0	0	0	1	0	0	0	15	15	0	0	0	3	7	10	11	3	1	1	0	0	0	15	0
Berkshire Abingdon H	3	234	1018.3	-	12.7	0.7	13.7	92	5.2	2	5	6	9	9	0	0	0	0	1	0	4	14	12	0	0	0	0	2	15	14	1	0	0	1	2	6	4	3
	9	234	1018.5	-	17.4	2.7	14.6	73	5.8	0	5	6	14	6	0	0	0	0	0	0	3	3	14	10	1	0	0	9	20	2	0	2	3	1	0	9	10	4
	15	234	1018.0	-	21.5	5.1	14.7	57	5.6	0	1	8	20	2	0	0	0	0	0	0	1	3	10	14	3	0	1	10	20	0	2	3	1	0	5	7	10	3
	21	234	1018.5	-	16.6	2.2	14.9	78	4.9	0	7	9	10	5	0	0	0	0	0	0	1	10	8	12	0	0	0	3	20	8	3	0	0	0	2	7	9	2
Hampshire Hurn ... H	3	46	1018.5	-	12.6	0.5	13.9	94	4.5	3	7	6	9	6	0	0	0	0	0	2	3	6	15	5	0	0	1	2	13	15	2	0	0	2	1	4	5	2
	9	46	1019.0	-	17.5	2.5	15.1	75	6.1	0	3	6	15	7	0	0	0	0	0	0	1	5	12	12	1	0	0	10	21	0	4	3	2	0	2	11	5	4
	15	46	1018.7	-	20.4	4.2	15.2	63	4.7	0	5	13	11	2	0	0	0	0	0	0	0	3	11	10	7	0	0	16	15	0	1	0	0	1	10	10	6	3
	21	46	1018.9	-	16.4	1.8	15.4	82	4.4	0	11	6	12	2	0	0	0	0	0	0	2	4	11	13	1	0	1	5	21	4	2	0	0	3	0	8	9	5
S. Farnborough H	3	231	1018.5	-	13.3	0.8	14.0	91	4.7	2	8	6	8	7	0	0	0	0	1	0	3	9	13	4	1	0	0	6	14	11	0	0	1	0	2	5	11	1
	9	231	1018.7	+3.1	17.3	2.3	15.4	77	5.6	0	6	5	12	8	0	0	0	0	0	0	1	6	6	8	10	0	0	11	17	3	3	0	3	1	1	8	10	2
	15	231	1018.1	-	21.3	4.5	15.7	61	5.6	0	2	9	19	1	0	0	0	0	0	0	0	2	6	9	14	0	1	8	21	1	2	1	1	0	4	9	10	3
	21	231	1018.6	-	16.7	2.0	15.2	79	4.1	1	10	10	7	3	0	0	0	0	0	0	1	8	9	10	3	0	0	3	23	5	1	0	1	1	4	8	8	3
Wiltshire Lyneham H	3	489	1018.3	-	12.6	0.5	13.9	94	5.2	0	8	5	7	10	1	0	1	0	0	1	2	11	13	3	0	0	0	3	25	3	2	0	1	2	4	10	4	5
	9	489	1018.7	-	15.7	1.8	14.6	81	6.3	0	0	7	19	5	0	0	0	0	0	2	1	6	12	9	1	0	0	11	20	0	3	1	3	0	3	6	12	3
	15	489	1018.2	-	19.4	3.7	14.9	66	6.0	0	2	7	19	3	0	0	0	0	0	0	0	1	8	13	9	0	1	14	16	0	3	1	1	2	2	5	13	4
	21	489	1018.6	-	15.5	1.7	14.5	82	5.1	0	5	8	14	4	0	0	0	0	0	0	1	3	13	11	3	0	0	3	28	0	2	1	1	0	4	11	9	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 4 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
5 ENGLAND, S.E. —cont.																																												
Boscombe Down H	3	419	1018.7	-	12.3	0.5	13.6	94	4.7	2	9	3	10	7	0	0	0	1	0	1	3	12	11	3	0	0	1	4	16	10	1	0	0	2	2	6	5	5
	9	419	1018.9	-	16.8	2.2	15.0	78	5.7	0	5	5	13	8	0	0	0	0	0	1	6	11	11	2	0	0	10	20	1	7	2	1	1	1	5	9	4
	15	419	1018.4	-	20.6	4.6	14.7	60	5.5	0	4	8	16	3	0	0	0	0	0	0	1	12	10	8	0	0	15	16	0	3	1	1	0	3	3	14	6
	21	419	1019.0	-	15.1	1.5	14.5	84	4.2	1	11	6	10	3	0	0	0	0	0	0	6	19	4	2	0	0	4	24	3	4	2	0	0	4	6	10	2
Upavon ... H	9	582	1018.5	-	16.3	1.9	15.1	81	5.9	0	4	5	17	5	0	0	0	0	0	1	9	10	9	2	0	1	10	17	3	6	0	1	2	1	5	10	3
	15	582	1018.0	-	19.9	3.8	15.5	66	5.5	0	4	7	17	3	0	0	0	0	0	0	3	9	13	6	0	1	11	19	0	5	2	1	1	3	4	10	5
	21	582	1018.6	-	15.0	1.4	14.5	84	4.2	1	11	8	8	3	0	0	0	0	0	2	4	14	10	1	0	1	3	22	5	4	3	2	1	2	2	8	4
7a ENGLAND, N.W.																																												
Cumberland Carlisle ... H	3	92	1015.5	-	12.4	1.0	12.8	88	6.6	1	3	2	15	10	0	0	0	0	1	0	9	9	9	3	0	1	5	20	5	0	2	2	1	3	11	7	0
	9	92	1016.0	-	14.7	2.2	12.9	77	6.7	0	0	4	19	8	0	0	0	0	0	2	2	10	10	7	0	2	10	15	4	0	1	2	1	0	8	15	0
	15	92	1015.8	-	17.4	3.5	13.2	67	6.0	0	1	9	16	5	0	0	0	0	0	2	1	5	6	17	0	1	17	11	2	0	1	0	0	1	14	13	0
	21	92	1015.9	-	14.3	1.7	13.3	81	6.1	0	4	2	19	6	0	0	0	0	0	1	4	12	7	7	0	1	6	20	4	0	1	3	0	2	13	8	0
Lancashire Squires Gate H	3	35	1016.0	-	13.7	0.9	14.2	89	6.9	1	0	2	19	9	0	0	0	0	0	0	9	10	11	1	0	3	12	14	2	2	0	4	2	0	3	13	5
	9	35	1016.8	-	15.3	1.7	14.3	82	6.7	0	2	1	18	10	0	0	0	0	0	1	6	10	11	3	0	3	19	9	0	1	1	2	2	1	4	9	11
	15	35	1017.1	-	17.3	2.7	14.6	73	5.5	0	5	6	17	3	0	0	0	0	0	0	4	5	14	8	1	2	20	8	0	2	0	0	0	3	1	17	8
	21	35	1016.7	-	15.0	1.5	14.4	84	6.4	0	3	5	13	10	0	0	0	0	1	1	4	14	11	0	0	2	14	14	1	1	3	1	0	0	8	13	4
Speke ... H	3	85	1016.5	-	14.1	1.2	14.0	86	6.3	0	3	5	13	10	0	0	0	0	1	0	9	13	6	2	0	0	8	19	4	1	3	0	2	3	3	11	4
	9	85	1017.2	-	16.0	2.3	14.0	76	6.8	0	1	5	15	10	0	0	0	0	1	1	10	7	9	2	0	0	16	13	2	0	1	1	2	3	5	12	5
	15	85	1017.4	-	18.3	3.8	13.7	65	6.0	0	1	10	13	17	0	0	0	0	0	1	6	6	13	5	0	2	16	12	1	0	1	0	2	2	3	10	12
	21	85	1017.2	-	15.8	2.2	13.9	77	6.0	0	3	6	15	7	0	0	0	0	0	3	0	10	12	5	1	0	0	10	20	1	2	0	0	1	4	7	9	7
Cheshire Ringway H	3	251	1016.4	-	12.8	1.1	13.1	87	6.1	0	6	2	10	13	0	0	0	0	0	4	5	10	9	3	0	0	0	3	22	6	0	1	2	0	9	6	3	4
	9	251	1016.9	-	15.4	2.6	13.9	73	6.9	0	0	5	14	12	0	0	0	0	0	4	10	11	6	0	0	0	10	18	3	0	2	0	0	5	5	13	3
	15	251	1016.9	-	17.7	4.0	12.6	62	6.3	0	1	7	15	8	0	0	0	0	0	1	4	14	11	1	0	0	12	18	1	1	0	1	0	2	3	17	6
	21	251	1016.9	-	15.0	2.4	12.8	75	6.2	0	2	6	13	10	0	0	0	0	0	4	2	7	14	4	0	0	0	1	26	4	0	1	0	2	5	5	8	6
7b NORTH WALES																																												
Anglesey Valley ... H	3	36	1016.7	-	13.2	0.5	14.4	94	7.0	0	0	4	15	12	0	0	0	0	0	2	3	4	10	10	2	0	5	10	11	5	3	0	1	0	7	7	5	3
	9	36	1017.4	+3.4	14.7	1.0	14.9	89	6.8	0	1	4	15	10	1	0	0	0	2	1	1	2	12	8	5	0	4	16	10	1	4	0	0	0	8	5	7	6
	15	36	1017.5	-	16.8	1.9	15.4	81	5.7	0	1	10	17	3	0	0	0	0	0	1	0	8	13	9	1	1	20	9	0	2	1	0	0	9	8	6	5
	21	36	1017.1	-	14.2	0.8	14.8	91	6.1	0	2	6	17	5	1	0	0	0	1	0	2	1	10	11	6	0	2	16	10	3	3	2	0	0	12	5	6	0
8a SOUTH WALES																																												
Cardigan Aberporth H	3	382	1017.8	-	13.1	0.8	13.8	91	6.3	0	5	2	12	10	2	0	0	1	1	0	0	6	9	11	3	0	2	9	16	4	2	0	0	0	7	8	7	3
	9	382	1018.5	-	14.6	1.3	14.2	85	6.7	0	2	3	14	10	2	0	2	0	0	3	2	2	9	8	5	0	2	13	15	1	4	0	0	1	4	5	9	7
	15	382	1018.6	-	16.2	2.1	14.4	78	5.7	0	4	7	16	4	0	0	0	0	0	1	2	3	5	11	9	0	3	14	14	0	5	0	0	1	3	5	9	8
	21	382	1018.4	-	13.8	1.0	14.0	89	5.6	0	6	5	14	5	1	0	0	0	1	0	0	5	8	11	6	0	1	7	20	3	0	1	1	0	5	11	5	5
Glamorgan Mumbles Head H	3	123	1018.4	-	14.3	1.0	14.7	89	5.7	1	4	6	7	13	0	0	1	0	0	0	2	6	17	5	0	0	3	9	18	1	7	2	0	1	0	3	10	7
	9	123	1018.9	-	16.0	1.8	14.8	81	6.2	0	2	8	10	11	0	0	0	0	0	1	2	10	13	5	0	0	2	13	16	0	4	1	1	0	3	10	8	4
	15	123	1019.0	-	17.5	2.6	15.0	75	5.7	1	2	10	12	6	0	0	0	0	0	0	1	5	16	8	1	1	4	19	7	0	2	0	0	1	2	6	16	4
	21	123	1018.8	-	15.6	1.6	14.7	80	5.0	1	6	8	8	8	0	0	0	0	0	0	2	7	16	6	0	1	2	16	12	0	7	0	0	0	2	5	11	6
Rhoose ... H	3	225	1018.3	-	13.0	0.4	14.4	95	5.2	0	9	6	5	11	0	0	1	0	0	2	2	7	12	4	3	0	2	6	19	4	3	2	2	0	2	0	9	9
	9	225	1018.6	-	16.3	1.6	15.5	83	6.0	0	3	7	12	8	1	0	0	0	1	0	4	7	10	7	2	0	2	11	17	1	1	1	2	2	2	4	11	7
	15	225	1018.8	-	18.5	2.8	15.8	75	5.3	0	5	7	16	3	0	0	0	0	0	0	2	7	17	5	0	3	18	10	0	0	1	1	1	1	1	22	4
	21	225	1018.8	-	14.9	1.0	18.5	89	4.9	0	5	10	5	11	0	0	0	0	0	1	7	10	8	5	0	1	9	20	1	4	0	0	0	2	1	16	7
8b ENGLAND, S.W.																																												
Dorset Portland Bill H	3	35	1018.4	-	15.0	1.1	15.2	89	4.8	2	5	9	8	7	0	0	0	0	0	0	4	4	3	20	1	6	9	13	2	6	1	2	0	2	3	10	5
	9	35	1018.9	-	16.3	1.5	15.9	85	5.4	1	3	10	9	7	1	0	0	0	1	0	1	7	5	17	0	1	5	7	17	1	2	2	4	0	1	5	13	3
	15	35	1019.3	-	18.1	2.1	16.5	79	4.0	3	7	12	7	2	0	0	0	0	0	0	5	2	7	17	0	4	15	12	0	0	0	2	0	3	7	18	1
	21	35	1018.9	-	15.9	1.2	16.0	89	4.9	3	4	9	9	6	0	0	0	0	0	0	5	4	22	0	1	3	13	14	0	2	0	1	2	1	2	17	6
Devon Hartland Pt. H	3	306	1018.7	-	14.2	0.7	14.7	92	5.8	0	6	5	9	11	0	0	1	0	0	1	2	2	9	9	7	2	2	11	12	4	4	2	0	0	2	3	14	2
	9	306	1018.8	-	15.3	1.3	14.7	86	5.9	1	2	8	9	11	0	0	0	0	0	0	1	5	15	4	6	0	3	9	17	2	2	3	1	1	0	3	13	6
	15	306	1019.0	-	16.1	1.8	15.3	81	5.4	0	7	4	14	6	0	0	0	0	0	0	1	12	12	6	1	4	10	15	1	2	1	0	0	0	2	19	6
	21	306	1018.7	-	14.8	1.0	15.0	89	5.5	0	6	5	13	7	0	0	0	0	0	0	5	12	12	2	1	4	9	16	1	1	3	0	0	1	4	16	5
Mount Batten H	3	100	1019.0	-	13.6	0.5	14.7	94	5.1	4	6	3	7	9	2	0	2	0	0	1	2	8	14	3	1	0	1	4	21	5	6	1	3	0	1	5	6	4
	9	100	1019.5	+3.4	16.3	1.6	15.5	83	5.4	1	6	5	11	8	0	0	0	0	0	0	1	8	10	10	2	0	0	10	17	4	3	0	0	0	6	6	7	5
	15	100	1019.5	-	18.2	2.4	16.1	77	5.4	0	6	7	12	6	0	0	0	0	0	0	0	3	13	12	3	0	0	18	13	0	2	0	0	0	9	7	7	6
	21	100	1019.7	-	15.5	1.3	15.3	86	4.5	1	9	5	11	5	0	0	0	0	0	0	2	5	16	6	2	0	1	8	17	5	6	0	0	1	1	3	6	9
Chivenor ... H	3	23	1018.9	-	13.3	0.5	14.4	93	6.0	0	4	4	11	12	0	0	1	0	0	0	3	6	5	14	2	0	0	9	16	6	1	0	7	2	1	4	5	5
	9	23	1019.5	-	16.5	1.7	15.5	82	6.1	0	5	3	12	11	0	0	0	0	0	0	8	5	13	5	0	1	13	12	5	2	0	0	3	1	3	12	5
	15	23	1019.6	-	18.2	2.6	15.7	75	5.6	0	6	5	14	6	0	0	0	0	0	1	2	7	14	7	0	1	22	8	0	3	0	0	0	2	0	18	8
	21	23	1019.5	-	15.1	1.2	15.1	88	5.6	0	5	7	12	7	0	0	0	0	0	1	2	10	12	6	0	1	9	19	2	2	0	1	0	3	4	12	7
Exeter ... H	3	125	1019.1	-	13.1	0.6	14.2	93	5.4	1	8	3	6	12	1	0	0	1	1	1	2	7	12	7	0	0	0	5	19	7	4	0	0	0	5	3	6	6
	9	125	1019.5	-	17.3	2.5	15.0	75	5.1	0	8	7	9	7	0	0	0	0	0	0	5	12	9	5	0	0	13	15	3	2	0	1	1	3	2	11	8
	15	125	1019.3	-	20.2	4.0	15.4	65	5.4	0	5	8	12	6	0	0	0	0	0	0	3	6	9	13	0	2	15	14	0	1	0	1	5	6	4	7	7
	21	125	1019.7	-	15.8	1.7	14.8	82	4.4	0	12	4	11	4	0	0	0	0	0	0	2	9	15	5	0	1	3	26	1	0	0	0	1	4	4	9	12
Cornwall St. Mary's, Scilly H	3	199	1019.6	-	14.4	0.7	15.2	92	5.4	2	4	5	12	7	1	0	0	0	1	0	2	4	3	12	9	0	2	7	16	6	3	1	0	2	2	6	7	4
	9	199	1020.3	+4.0	16.3	1.5	16.9	85	5.4	1	5	4	17	4	0	0	0	0	1	2	2	6	13	7	0	1	13	13	4	2	4	0	2	2	3	11	3
	15	199	1020.6	-	17.8	2.2	16.0	78	5.1	0	7	7	12	4	1	0	0	1	0	0	0	3	7	17	3	0	2	12	17	0	5	2	1	0	4	5	12	2
	21	199	1020.2	-	14.7	0.2	15.2	89	4.7	0	7	10	6	5	3	0	0	4	0	0	2	2	8	11	4	0	2	10	17	2	7	0	0	1	3	6	7	5
St. Mawgan H	3	350	1019.5	-	13.5	0.5	14.7	94	5.7	0	8	2	11	8	2	0	0	1	2	2	3	7	9	6	1	0	4	5	19	3	5	3	1	3	1	6	4	5
	9	350	1020.1	-	15.6	1.3	15.3	86	6.1	0	4	5	13	8	1	0	0	1	0	1	1	3	8	13	4	0	1	14	16	0	6	1	0	3	3	3	13	2
	15	350	1020.3	-	17.0	1.9	15.6	80	5.4	1	3	12	10	5	0	0	0	0	0	1	1	4	15	9	0	1	24	6	0	4	0	0	0	3	3	11	10
	21	350	1020.1	-	14.5	0.6	15.4	93	5.5	0	6	8	7	10	0	0	0	0	0	1	1	8	12	4	5	0	0	12	19	0	7	0	0	1	3	7	7	6
9 NORTHERN IRELAND																																												
Londonderry Ballykelly H	3	6	1014.8	-	12.6	1.2	12.6	86	6.5	0	2	4	17	8	0	0	0	0	0	1	0	2	10	14	4	0	0	8	17	6	1	0	0	1	3	3	14	3
	9	6	1015.4	-	14.6	1.9	13.2	78	7.1	0	0	3	15	13	0	0	0	0	0	1	1	7	13	9	0	2	8	19	2	0	2	0	0	4	6	14	3
	15	6	1015.4	-	16.3	2.7	13.5	72	7.1	0	0	1	19	11	0	0	0	0	0	0	2	4	15	10	0	1	10	19	1	6	0	0	2	0	5	12	5
	21	6	1015.2	-	13.7	1.5	13.2	84	6.7	0	1	3	19	8	0	0	0	0	0	0	2	10	9	10	0	1	6	18	6	2	0	0	1	2	6	10	4
Antrim Aldergrove H	3	241	1015.7	-	12.3	1.1	12.6	87	6.5	0	4	3	9	15	0	0	0	0	0	0	2	3	12	9	5	0	1	16	10	4	3	0	2	1	4	5	8	4
	9	241	1016.3	-	14.3	1.8	13.3	81	7.1	0	0	1	22	8	0	0	0	0	0	0	3	2	9	5	12	0	1	20	9	1	0	1	0	2	5	5	9	8
	15	241	1016.1	-	17.2	3.4	13.3	67	6.7	0	0	5	18	8	0	0	0	0	0	0	1	3	9	18	0	3	16	12	0	2	1	0	1	2	7	13	5
	21	241	1015.9	-	14.1	1.6	13.3	82	6.6	0	1	4	18	8	0	0	0	0	0	0	1	3	6	8	13	0	2	12	16	1	2	0	2	1	3	5	13	4
CHANNEL ISLES																																												
Guernsey States Airport H	3	360	1019.8	-	14.3	0.6	15.2	94	4.2	6	4	8	8	5	0	0	0	0	1	1	1	6	6	10	6	0	1	5	19	6	4	0	2	1	0	7	6	5
	9	360	1020.5	-	16.0	1.7	15.1	83	4.7	2	5	9	10	5	0	0	0	0	0	1	1	7	7	12	3	0	3	6	20	2	4	4	2	1	1	7	6	4
	15	360	1020.5	-	18.2	3.1	14.6	70	3.0	6	9	9	6	1	0	0	0	0	0	1	0	5	3	16	6	0	0	16	15	0	6	3	0	2	0	4	10	6
	21	360	1020.4	-	15.2	1.1	15.2	88	3.2	8	7	7	7	2	0	0	0	1	1	0	1	1	4	18	5	0	0	8	20	3	2	3	2	0	1	5	9	6

H *See* Notes on Tables in the Introduction.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION JULY 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination on a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	727	25	77	19	360.4	31	343	21	77	19	248.9	31	760	25	86	19	382.2	31
Eskdalemuir Observatory ...	765	1	105	7	401.8	31	357	16	102	7	267.6	31	806	1	119	7	428.9	31
Cambridge	736	13	246	18	497.7	31	398	4	212	30	305.6	31	-	-	-	-	-	-
Kingsway	781	13	217	21	485.0	31	389	4	200	21	281.5	31	827	13,25	242	21	530.1	31
Kew Observatory	759	13	248	21	491.9	31	358	4	186	25	280.4	31	890	13	291	21	578.0	31
Aberporth	754	4	123	25	460.4	31	470	2	120	25	283.3	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN JULY 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

Station	Maximum Temperature °C.								Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	0	0	27	4	0	0	0	0	0	0	0	0	25	6	0
Stornoway	0	0	0	11	20	0	0	0	0	0	0	0	2	17	12	0
Craibstone	0	0	0	7	15	4	1	0	0	0	0	0	2	16	13	0
Rothesay	0	0	0	8	23	0	0	0	0	0	0	0	0	12	0	19
Renfrew	0	0	0	4	20	7	0	0	0	0	0	0	0	10	21	0
Eskdalemuir Observatory	0	0	0	3	26	2	0	0	0	0	0	0	5	12	14	0
Douglas	0	0	0	6	25	0	0	0	0	0	0	0	0	9	22	0
Cockle Park	0	0	0	3	23	5	0	0	0	0	0	0	1	13	17	0
Gorleston	0	0	0	0	19	11	1	0	0	0	0	0	0	6	15	6
Cambridge	0	0	0	0	7	18	6	0	0	0	0	0	0	8	20	3

Station	Maximum Temperature °C.								Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	0	0	0	14	17	0	0	0	0	0	0	0	6	23	2
Kew Observatory	0	0	0	0	6	18	7	0	0	0	0	0	0	2	19	10
Hastings	0	0	0	0	18	12	1	0	0	0	0	0	0	3	24	4
Southampton	0	0	0	0	5	24	2	0	0	0	0	0	0	4	23	4
Stonyhurst	0	0	0	5	21	5	0	0	0	0	0	0	1	8	22	0
Bidston	0	0	0	3	21	7	0	0	0	0	0	0	0	2	27	2
Valley	0	0	0	1	27	3	0	0	0	0	0	0	0	4	27	0
Falmouth	0	0	0	0	23	8	0	0	0	0	0	0	0	5	26	0
Aldergrove	0	0	0	1	22	8	0	0	0	0	0	0	0	10	21	0
Armagh	0	0	0	0	24	7	0	0	0	0	0	0	1	10	20	0

TABLE III—ADDITIONS AND CORRECTIONS JULY 1964

Month	Station	Terminal Hours of Observation Max.	Terminal Hours of Observation Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in (0·2mm.) or more	Precip'n ·04in (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1962 February	Coventry	9	9	338											.69	38															
1964 January	Dunning	9	9	250													.30	4									7				
"	North Berwick	9	9	152		2.1	4.7	+1.4			-1.7	6,7,18							15	15											
"	Tobermory	9	9	270																											
"	Redcar	9	9	25	7.3	2.0	4.7	-																			16	20			
"	Wakworth	9	9	293	5.4	-0.3	2.5	-	(12.2)	31	-6.1	16			.74	27	.30	27	7	5							16				
"	Belper	9	9	203	5.6	-0.4	2.6	-0.5	12.2	31	-7.8	18															17	22			
"	Nottingham	9	9	169	5.8	-0.4	2.7	-	12.2	31	-7.2	18,19			.78	-	.32	12	10	7											
"	Birmingham (K.E.S.)	9	9	450									3.3																		
"	Stratford	9	9	160																											
"	Gnecote	9	9	1350	3.1		1.3								.75	-	.24	12	10	7											
"	Lyonshall	9	9	510																											
"	Wye	9	9	185	4.8	-0.1	2.3	-1.1	10.0	31	-6.7	7,14																			
"	Ryde	9	9	15	6.4	2.5	4.4	-0.7	11.1	31	-2.2	7																			
"	Newton Rigg	9	9	560	6.3	0.5	3.4	+1.0	10.6	30	-5.0	6	2.4	-	1.01	26	.40	27	11	5	-	0	-	-	-	3	11	19	-	1.90	140
"	Great Dun Fell	9	9	2780	1.2	-	-	-	4.5	19,31	-	-																			
"	Burnley	9	9	655											1.77	-	.40	29	14	11											
"	Sandsey Island	9	9	60	8.5	5.4	6.9	-	11.1	31	-0.2	14	-	-	1.28	-	.22	30	10	8	-	0	-	-	-	0	1	2	-	-	-
"	Cardiff	9	9	202	6.2	1.6	3.9	-0.5	15.0	31	-5.0	14	4.8	7.1	.81	16	.30	27	11	6	2	-	0	1	0	6	7	17	-	.75	43
"	Usk	9	9	70	6.3	0.4	3.3	-	12.8	31	-7.2	18	3.8	-	.70	16	.16	12	11	5											
"	Arnagh	9	9	202							0.0	17,26			5.39		1.14	30	16	13											
"	Llyn Stwlan	9	9	1656																										1.48	88
"	Cambridge (N.I.A.B)	9	9	85											.47	14															
"	Winchester	9	9	122											1.08																
"	Seaford	9	9	45																										2.56	
February	Blackbridge	9	9	690																										-	-
"	Callander	9	9	230	6.8	0.6	3.7	-	11.7	26	-7.2	21	-	-	1.84	-	.44	2	10	8	-	4	-	-	-	0	11	16	-	1.87	
"	Pitlochry	9	9	473																										2.72	111
"	North Berwick	9	9	152																											
"	Tobermory	9	9	270	7.3	2.9	5.1	-	10.6	28	-3.3	19,20	-	-	2.08	-	.46	3	11	9	-	-	-	-	-	-	3	6	-	-	-
"	Achaglachgach	9	9	40	7.6	1.9	4.7	-	11.7	26	-5.6	20	-	-	1.85	-	.31	3	16	13	2	-	2	0	0	0	7	15	0	-	-
"	Millport	9	9	16	7.3	3.3	5.3	-	11.7	26	-1.1	5	-	-	.95	29	.31	3	11	10	3	0	3	0	0	0	4	-	5	-	-
"	Douglas	9	9	284																										2.11	85
"	Alcburgh	9	9	15	6.0	2.8	4.4	-	12.0	1	-0.7	6			.86	51	.30	29	10	9										2.10	94
"	Luton	9	9	379	6.1	1.1	3.6	+0.2							.77	-	.35	29	11	6											
"	Letchworth	9	9	209											1.07	-	.30	24	12	6	0	-	0	0	0	5	5	13	0	-	-
"	Dovercourt	9	9	11	6.5	2.2	4.3	+0.3	12.2	1	-1.7	6	-	-	.86	39	.29	23	11	8											
"	Belper	9	9	203	7.3	1.0	4.1	+0.6	12.2	2,27	-7.2	21			.68	43	.20	16	9	5	3	0	0	0	0	2	8	18	0	1.66	-
"	Stratford	9	9	160	7.6	0.8	4.2	-	14.4	27	-8.3	6	4.1	-	1.60	-	.33	23	12	7											
"	Lyonshall	9	9	510	6.5	1.5	4.0	+0.4	12.2	27	-5.6	6																		1.89	-
"	Isle of Grain	9	9	9																											

Annual Summary 1963: Page 197 line 6 - for Hereford read Stanstead Abbots; line 7 - for 0.8°C read -8.4°C; para.13 line 3 - delete "Hereford and"

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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August 1964 — *Dry in the South, rather wet in Scotland.*

Apart from cyclonic spells during the 6th-9th, 16th-19th and 23rd-28th weather was mainly anti-cyclonic in character with pressure high either to the south-west, west or north of the British Isles.

During the first four days of the month a ridge of high pressure extended from the south-west over the British Isles. Fresh north-westerly winds on the 1st moderated on the 2nd as a belt of drizzle spread over the country from the west. The next two or three days were fine and warm especially in the south where many places had 10-12 hours of sunshine and where temperature reached 27°C locally on the 3rd and 5th.

A depression near Iceland moved south-eastwards on the 5th and the next day an associated cold front brought to many districts the first measureable rain for about two weeks. From the 7th to the 9th weather remained generally rather cool with scattered thundery showers in an unstable airstream from high latitudes as the declining depression from the north-west formed a broad low pressure area covering northern and north-eastern districts.

Winds were light and variable on the 10th following a general rise of pressure but were generally north-east to east during the next three or four days. Until the 15th eastern coastal districts were rather cool with drizzle at times, but over most of the country weather was cloudy with about average temperature although there were good sunny periods in sheltered western districts.

Rain reached western coasts on the 16th as a deepening depression approached southern Ireland from the west. The depression turned north-eastwards, bringing stormy weather to the whole country during the next two days as it moved across the Irish Sea to the North Sea. Winds reached gale force in many places especially in the south-west and rainfall exceeded 1 in. over wide areas on both the 17th and 18th, more than 2½ in. being recorded in parts of Northern Ireland and Scotland on the 17th.

Winds of northerly origin behind the depression brought a sharp fall of temperature in all areas on the 19th, afternoon temperatures in parts of eastern England being as much as 7°C below normal. Subsequently winds became light and variable as a ridge of high pressure moved slowly southwards over the country on the 20th-22nd. Weather was dry and sunny; it remained generally cold and was very cold at night. A covering of ground frost was reported from places as far south as Bristol on each of the three mornings, and air frost was recorded locally.

A deep depression between Iceland and Scotland brought rain to Scotland on the 22nd but southern England remained dry and sunny. The depression later became complex and associated troughs brought rain to western districts on the afternoon of the 23rd. The rain became widespread and heavy locally during the night and persisted for much of the next day.

A warm southerly airstream on the western flank of an anti-cyclone centred over Germany cleared most of the rain, except over Scotland, on the night of the 24th/25th. The next two or three days were hot over the Midlands and south-east England with almost uninterrupted sunshine. Temperatures rose to 32°C at a number of places.

A shallow depression over Scotland brought thundery rain or showers to most districts on the 28th. The dry weather with almost continuous sunshine returned during the last three days of the month as an anti-cyclone from the Atlantic approached the British Isles, but associated north-westerly winds kept temperatures a little below normal.

Pressure and Wind — Surface pressure was generally above average, the excess at 9h G.M.T. ranging from 3.0 mb at Stornoway to 0.3 mb at Shoeburyness. Surface winds were north-westerly at first but after the 4th were rather variable; they were mainly easterly on the 12th-14th, south-westerly on the 23rd-25th and north-westerly on the 28th-30th. Winds reached gale force in Scotland on 11 days and in England and Wales on the 1st, 16th-19th, 23rd and 24th (7 days). A gust of 65 kt was recorded at Brawdy on the 17th.

Temperature — Mean temperatures during the month were generally below average especially in Scotland. Nights were particularly cold around the 20th and 21st; on these dates temperature at Eskdalemuir fell below (minus) −2°C the lowest August temperature recorded there for at least 50 years. There were some very warm days in the Midlands and south-east England during the first and last weeks.

Extremes included: (England and Wales) 32.8°C at Cromer on 28th, −1.7°C at Lincoln and Santon Downham on the 31st; (Scotland) 27.8°C at Strachan on the 3rd, −2.7°C at Cannich on the 20th and 21st; (Northern Ireland) 24.4°C at Armagh on the 4th, −1.1°C at Loughermore Forest on the 21st.

Precipitation — In Scotland rainfall was generally above average except for some areas in the extreme south. In the north-east amounts were twice the average in some places; Wick had its wettest August since 1920. In England and Wales it was below average almost everywhere except in Northumberland and locally in Lincolnshire and Suffolk. Over much of central southern England amounts were less than 25 per cent of the average.

Thunder was heard in Scotland on 17 days and in England and Wales on the 6th-11th, 15th-18th, 20th, 28th and 29th (13 days). Thunderstorms were widespread on the 7th-9th, 17th and 18th. During a heavy thunderstorm near Yarmouth on the 9th about 2 in. of rain fell in four hours.

Snow was reported from Cairngorm (3575 ft.) on the 19th.

Sunshine — In Scotland there were large local deficits of sunshine in the north and north-east, but in the west sunshine was more generally above average. In England and Wales, although excesses only locally exceeded 20 per cent sunshine was considerably above normal in the Midlands, south-east and eastern England after the 20th.

Fog — Fog was observed at 9h at one place or another in Scotland on all but four days (19th-21st and 31st). England and Wales had 17 days of early morning fog; Mansfield and Aberystwyth reported it on 7 days but mostly at a particular place it occurred on only one or two.

Miscellaneous Phenomena — The aurora was observed in Scotland on one night only (the 31st).

TABLE I—DISTRICT VALUES— AUGUST, 1964 (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
0 SCOTLAND, N.	24.4	-2.7	-1.4	-1.6	-1.5	-	-	+1	141	92
1 SCOTLAND, E.	27.8	-1.7	-0.9	-0.3	-0.6	-	-	+1	128	93
2 ENGLAND, N.E.	30.7	-1.7	-0.3	-0.5	-0.4	-0.3	+0.1	-3	76	109
3 ENGLAND, E.	32.8	-1.7	+0.1	-0.5	-0.2	-0.1	+0.4	-1	57	115
4 MIDLANDS	30.5	-0.5	-0.2	-0.7	-0.4	+0.1	+0.1	-4	68	116
5 ENGLAND, S.E.	31.1	0.0	+0.1	-0.1	0.0	+0.2	+0.3	-3	54	108
6 SCOTLAND, W.	23.3	-2.2	-1.1	-0.6	-0.8	-0.5	-0.7	-1	115	102
7 ENGLAND, N.W. and N. Wales	26.7	-0.6	-0.5	-0.5	-0.5	-0.6	-0.3	-5	73	115
8 ENGLAND, S.W. and S. Wales	27.2	-0.6	-0.4	-0.7	-0.5	+0.4	+0.7	-5	59	108
N. IRELAND	24.4	-1.1	-0.4	-0.9	-0.6	-	-	0	105	104
SCOTLAND	27.8	-2.7	-1.1	-0.8	-1.0	-	-	0	126	96
ENG. and WALES	32.8	-1.7	-0.2	-0.5	-0.3	-	-	-3	64	112

FH2A

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General.

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST, 1964 (1914)

District, County and Place		Height of vane: Above Mean Sea Level	Height of vane: Above Ground	Height of vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at (day hr)		Highest Gust: Speed	Highest Gust: Day and Time (day)	Highest Gust: Day and Time (hr m)
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	18, 26	19	13	85	237	297	106	0	11.6	230	42	26	12	61	26	1135
Orkney	Kirkwall	134	50	33	17, 18, 26	13	7	64	253	312	102	0	11.2	240	39	26	10	53	18	0635
Caithness	Dounreay	110	39	30	-	0	11	102	303	337	2	0	12.8	090	32	17	20	52	17	1955
Sutherland	Shin	78	33	33	-	0	4	13	216	283	224	8	7.6	050	25	17	23	44	18	0335
Ross &	Stornoway (Coastguard)	120	40	36	17, 18, 21, 25, 26	32	11	73	380	202	57	0	13.9	190	40	26	01	60	26	0035
Cromarty	Duirinish	125	65	55	-	0	9	66	261	293	124	0	10.2	170	33	22	04	51	22	0310
Inverness	Benbecula	69	51	35	17, 18, 25	12	8	59	323	306	44	0	12.4	040	40	17	22	58	17	2120
1 Moray	Lossiemouth	101	80	60	-	0	6	33	211	258	242	0	8.3	360	33	18	17	52	18	1515
Aberdeen	Dyce	234	30	30	-	0	8	29	286	299	130	0	9.6	340	26	18	22	42	18	2140
Angus	Auchterhouse ...	827	62	50	-	0	2	8	171	333	209	23	7.1	230	24	24	12	44	24	0905
	Bell Rock Lighthouse	126	131	124	18, 19	9	14	99	325	205	106	0	12.9	010	41	18	24	51	18	2325
Perth	Rannoch	1005	56	57	-	0	3	20	184	263	265	12	7.3	270	27	1	11	41	24	0950
Fife	Leuchars	78	40	40	-	0	3	13	210	405	116	0	8.7	250	27	24	11	47	24	1105
Midlothian	Turnhouse	137	40	33	-	0	5	26	192	422	104	0	8.6	240	29	24	12	51	24	1045
	Edinburgh, Blackford Hill	496	50	34	23, 25	2	8	68	238	330	106	0	10.5	160	35	25	20	62	25	1920
6a Argyll	Tiree	89	60	47	18	14	12	80	264	202	184	0	11.1	010	38	18	15	53	18	1630
Bute	Millport	50	34	34																
Renfrew	Paisley	188	81	31	-	0	0	0	84	368	292	0	5.3	150	20	24	18	39	24	0650
	Renfrew	71	41	39	-	0	1	3	185	413	143	0	7.5	240	24	24	17	39	24	1700
Lanark	Lowther Hill ...	2412	43	33	1, 19, 25	15	16	176	257	223	73	0	15.0	320	44	1	16	57	1	1525
Ayr	Prestwick Airport ...	68	33	33	-	0	1	3	214	387	140	0	8.1	290	24	1	17	34	23	1445
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	3	5	93	268	378	0	4.8	240	27	24	16	47	24	1455
Wigtown	West Freugh ...	81	33	33	-	0	3	10	222	342	170	0	8.2	190	25	25	15	39	25	1445
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	-	0	6	52	280	298	114	0	10.7	200	31	23	13	43	18	2105
	Point of Ayre ...	64	33	33	-	0	7	44	319	324	57	0	11.0	190	27	25	16	42	24	1155
2 Durham	Durham	389	53	33	-	0	2	4	147	345	206	42	7.0	180	25	24	13	51	24	1250
	South Shields ...	73	57	44	-	0	3	11	179	386	168	0	7.7	350	29	19	04	42	19	0340
Lincoln	Cranwell	268	47	47	-	0	3	8	187	422	127	0	8.0	230	24	24	14	39	24	1320
3 Norfolk	Gorleston	45	33	33	-	0	3	10	340	363	31	0	11.0	160	26	18	12	37	17	1510
Suffolk	Mildenhall	98	83	60	-	0	0	0	76	432	236	0	5.7	200	19	17	17	36	17	1600
Bedford	Bedford	327	42	30	-	0	2	2	234	415	93	0	8.5	280	23	1	22	42	17	1700
	Cardington	278	133	133	-	0	5	12	332	340	60	0	10.1	230	25	24	16	36	17	1640
Hertford	Garston	307	50	33	-	0	0	0	43	503	198	0	5.6	280	16	1	14	40	17	1610
	Rothamsted	461	41	33	-	0	0	0	21	448	275	0	4.7	200	14	17	17	35	17	1645
Essex	Stansted ...	351	31	31	-	0	0	0	187	453	104	0	7.7	210	18	17	17	31	17	1835
	Coryton	66	57	48	-	0	1	1	174	443	78	48	8.0	250	23	17	16	40	17	1540
	Shoeburyness ...	118	106	91	-	0	7	42	331	337	34	0	11.5	190	32	17	20	48	17	1730
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	43	314	387	0	3.9	240	16	24	12	42	24	1210
Warwick	Edgbaston	643	118	73	-	0	0	0	43	525	176	0	5.5	230	17	24	15	35	19	0405
	Elmdon	343	31	31	-	0	3	5	214	387	138	0	8.0	300	24	19	05	37	17	1525
Buckingham	Amersham	500	50	50	-	0	0	0	36	497	181	30	5.7	190	18	17	17	42	17	1545
Stafford	Keele	706	50	33	-	0	0	0	82	298	364	0	4.7	190	15	24	01	35	1	1820
Gloucester	Avonmouth	92	61	33	x															
5 London	Kingsway	208	143	41	-	0	0	0	127	508	109	0	7.4	200	21	17	17	43	17	1655
Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	4	210	457	73	0	8.2	200	25	17	16	40	17	1535
	Hampton	139	101	100	-	0	0	0	126	401	217	0	6.2	210	20	17	15	37	17	1545
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	166	405	173	0	7.0	210	21	17	15	45	17	1450
	Gatwick	232	38	33	-	0	1	2	129	394	219	0	6.2	210	23	17	15	41	17	1340
Kent	Isle of Grain ...	48	40	33	-	0	0	0	72	242	405	25	4.1	220	19	17	14	32	19	0930
	Dover	68	38	62	‡															
Sussex	Thorney Island ...	75	65	42	-	0	0	0	140	320	284	0	6.1	200	19	18	10	36	17	1700
Hampshire	Hurn	86	53	46	-	0	1	3	219	371	151	0	8.2	210	23	17	18	36	17	2240
	Calshot	50	41	33	-	0	1	11	338	363	32	0	10.6	200	26	17	16	36	17	1505
	S. Farnborough ...	318	69	35	-	0	0	0	185	402	157	0	7.6	200	20	17	16	40	17	1345
Berkshire	Abingdon	295	40	40	-	0	0	0	198	322	224	0	7.1	180	21	17	15	36	17	1345
Wiltshire	Larkhill	491	51	36	-	0	1	7	125	402	210	0	6.6	290	28	1	16	47	17	1405
	Boscombe Down ...	425	55	55	-	0	3	22	285	349	88	0	9.5	200	27	17	17	41	17	1650
	Porton	406	44	44	-	0	1	4	111	275	354	0	5.3	200	23	17	13	42	17	1800
7a Cumberland	Carlisle	137	42	30	-	0	1	2	125	354	263	0	6.2	240	23	24	13	37	24	0845
	Sellafield	83	39	35	-	0	3	8	247	353	84	52	9.4	240	24	23	15	36	23	1430
	Spadeadam	959	51	50	-	0	4	21	153	404	147	19	8.1	020	30	19	02	48	19	0220
Westmorland	Great Dun Fell ...	2815	33	33	1, 19, 23-25	43	16	165	286	154	96	0	15.9	250	49	23	19	63	23	1830
	Moor House ...	1960	50	45	23, 24	6	11	113	246	268	84	27	12.6	250	38	24	18	55		
Lancashire	Squires Gate ...	88	55	35	-	0	7	41	325	302	76	0	11.1	250	27	24	19	43	24	0110
	Southport	59	41	33	-	0	1	17	193	222	312	0	6.7	280	26	1	03	36	1	1720
	Fleetwood	112	50	31	-	0	3	24	213	342	136	29	8.6	270	26	1	03	38	23	1610
	Speke	84	41	33	-	0	3	20	242	376	106	0	9.1	230	26	24	14	43	24	1345
	Manchester W/Centre	268	147	55	-	0	1	2	115	448	179	0	6.6	240	23	24	16	43	24	1305
Cheshire	Bidston Observatory	262	64	39	-	0	2	15	213	363	153	0	-	270	27	1	04	46	1	0345
	Ringway	261	33	33	-	0	1	2	160	395	187	0	6.8	240	23	24	15	35	17	1710
7b Anglesey	Valley	86	53	40	17	6	9	92	284	273	89	0	12.1	190	36	17	23	47	17	1810
8a Cardigan	Aberporth	483	41	41	-	0	7	51	278	286	129	0	10.3	180	31	17	16	49	17	1400
Pembroke	Brawdy	432	68	45	17	2	4	33	282	321	106	0	9.9	170	35	17	16	65	17	1310
Glamorgan	Port Talbot	91	40	35	-	0	5	21	251	321	151	0	8.8	300	27	19	04	41	19	0330
	Rhoose	257	37	32	-	0	2	6	281	446	11	0	10.1	310	23	19	05	36	19	0415
8b Dorset	Portland Bill ...	190	155	155	1, 17-19, 23, 24 ø	50	17	151	327	170	46	0	16.3	220	41	17	18	55	17	1655
Devon	Plymouth Hoe ...	191	88	65	-	0	2	22	154	327	241	0	7.1	-	33	17	12	45	17	1040
Cornwall	St. Mary's, Scilly ...	230	65	57	-	0	6	46	262	335	101	0	10.3	190	33	17	11	51	17	1130
	The Lizard	315	75	60	17, 31	2	7	68	238	313	117	6	10.7	100	34	31	24	49	17	1015
NORTHERN IRELAND																				
9 Londonderry	Ballykelly	56	50	35	-	0	3	8	144	263	329	0	5.9	260	24	24	14	46	24	1055
Antrim	Aldergrove	263	33	33	-	0	2	8	270	316	150	0	8.8	340	25	18	20	37	24	1335
Fermanagh	Castle Archdale ...	263	43	43	-	0	3	7	158	285	294	0	6.7	260	23	24	13	41	24	1120
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	-	0	6	44	375	308	17	0	12.2	280	33	19	02	47	19	0150

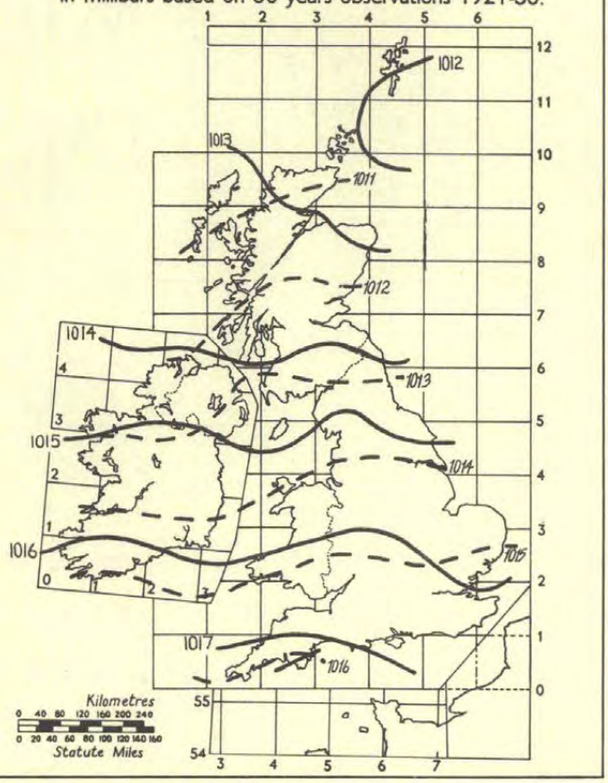
‡ Record ceased ‡ Incomplete record * Defective record

ø Also on 31st

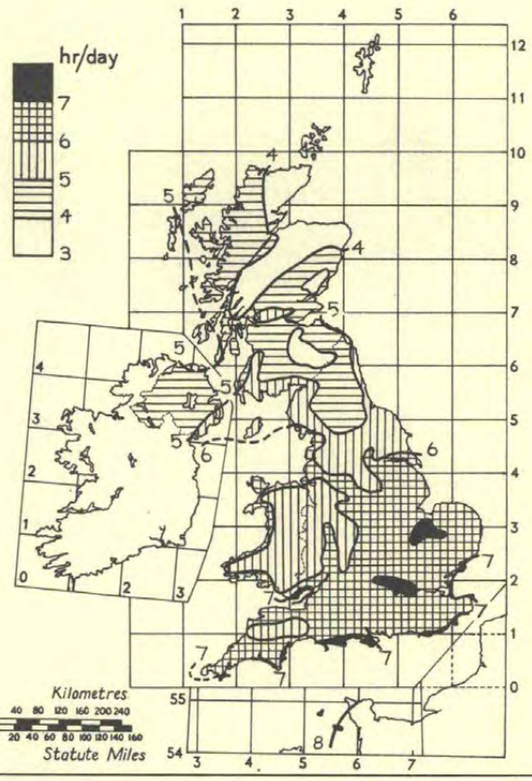
MONTHLY WEATHER CHARTS AUGUST 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



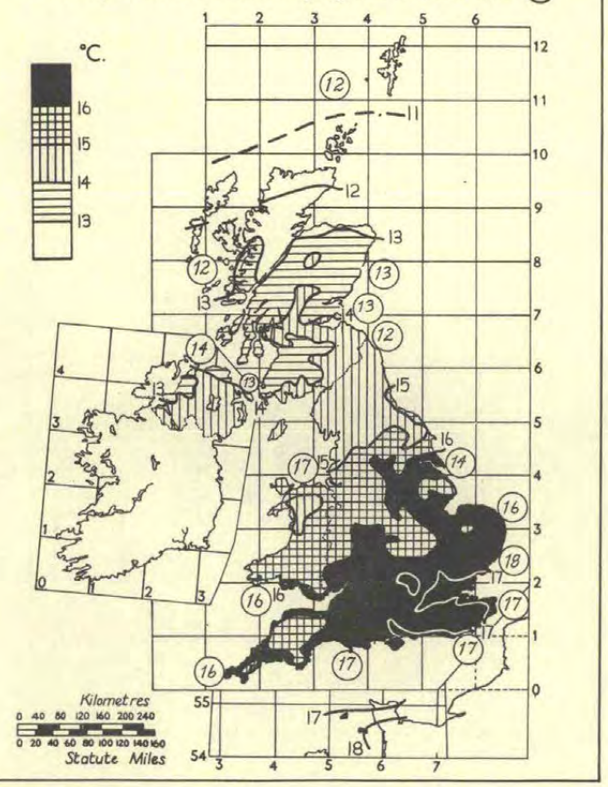
BRIGHT SUNSHINE



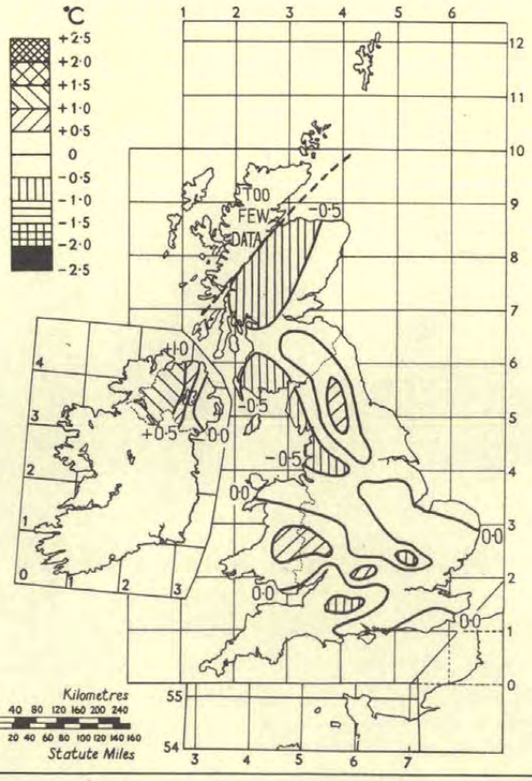
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
AUGUST 1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

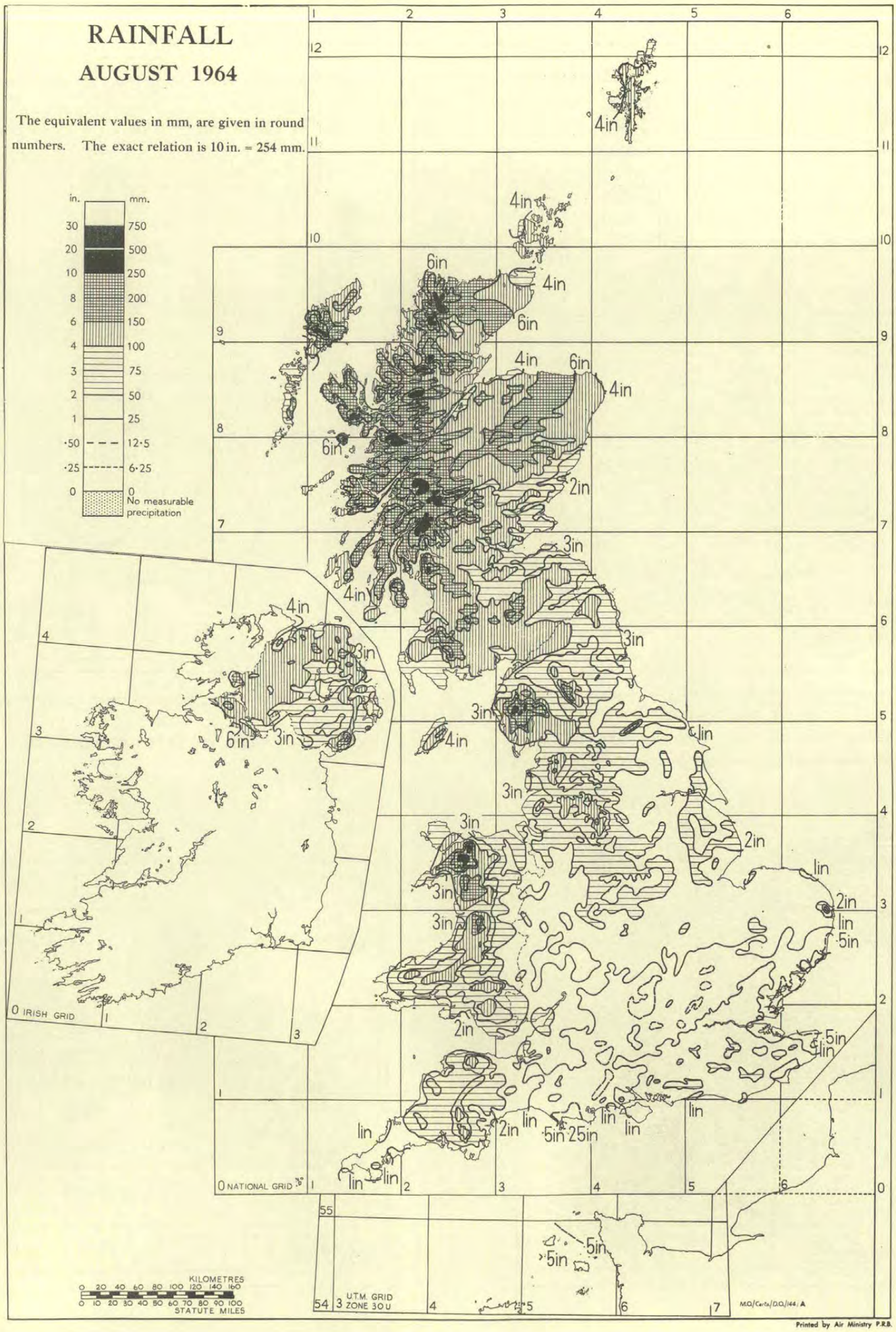


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TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0 SCOTLAND, N.																														
Zetland	Hamnavoe ...	9 9	70	12.6	8.8	10.7		15.6	5,7,9	5.0	29	-	-	4.30	-	.92	25	19	12	0	0	0	0	0	1	0	-	4	3.40	-
	Lerwick Obs'y. ¶§	21-9	269	12.3	7.7	10.0	-2.1	15.3	5	3.1	15	-	-	4.81	163	.98	25	21	13	0	0	0	0	0	1	0	0	2	3.09	82
	Baltasound ...	9 9	78	13.1	7.3	10.2	-	16.1	4	2.8	18,21	10.8	-	3.17	110	.52	7	21	17	0	0	0	0	0	0	0	-	2	3.08	-
Orkney	Sule Skerry ...	9 9	43	12.7	9.4	11.1	-	15.0	6	7.0	19,20	-	-	3.98	-	1.01	25	18	14	0	0	0	0	0	2	0	0	2	-	-
	Stenness ...	9 9	75	13.8	8.6	11.2	-	20.0	5	5.0	16,20,28	11.7	-	4.88	-	1.33	17	26	15	0	0	2	0	1	0	0	3	3	2.99	-
	Costa	9 9	115																											
	Kirkwall ...	21-9	84	13.5	8.7	11.1	-	19.0	5	3.7	20	-	-	5.42	189	1.47	17	23	17	0	0	1	0	0	0	0	0	3	3.07	74
Caithness	Dounreay ...	9 9	70	14.7	7.8	11.3	-	20.6	5	2.8	21	-	-	6.20	-	2.46	17	23	14	0	0	0	0	0	0	0	-	0	-	-
	Wick ... ¶§	21-9	119	14.6	8.7	11.7	-1.0	22.2	4	0.9	20	-	-	5.51	210	2.16	17	21	13	0	0	0	1	0	0	0	2	2	3.54	76
Sutherland	Cape Wrath ...	21-9	367	12.6	8.1	10.3	-2.4	16.0	5,6,10	6.0	19	-	-	5.14	128	1.10	23	19	14	0	0	1	0	0	7	0	0	2	-	-
	Achany ...	9 9	280	16.1	7.3	11.7	-	22.2	4	0.0	20,21	12.9	11.6	4.14	128	.87	7	23	15	0	0	0	0	0	0	1	6	0	-	-
	Strathy	9 9	120	14.8	8.1	11.5	-1.4	21.7	5	2.8	20,31	-	-	6.70	188	2.59	17	24	14	0	0	0	0	0	0	0	-	0	3.18	81
Ross & Cromarty	Stornoway ¶§	21-9	11	14.0	8.5	11.3	-2.0	18.0	4	2.5	20	-	-	5.08	152	1.10	17	20	13	0	0	0	0	0	0	0	4	5	4.67	109
	Balmacara ...	9 9	2	16.2	9.9	13.1	-	18.9	8,(12)	3.3	20	-	-	5.03	-	.81	23	24	18	-	0	-	-	-	-	-	0	-	-	-
	Poolewe ...	9 9	20	15.0	9.4	12.2	-	19.4	4	5.0	20	-	-	5.17	-	.96	22	18	18	-	-	-	-	-	0	0	0	-	4.32	- S
	Inverpolly ...	9 9	45	15.7	8.6	12.1	-	18.9	4,7	3.9	20,21,31	13.1	-	4.35	-	.90	22	22	18	0	0	0	0	0	-	0	4	0	4.05	-
	Achnashellach ...	9 9	220	15.9	8.1	12.0	-1.5	21.7	11	1.1	20	-	-	7.06	108	1.82	23	25	22	0	0	0	0	0	0	0	-	1	-	-
	Kinlochewe ...	9 9	76	16.4	8.8	12.6	-	22.2	4,13	(2.2)	21	13.2	-	6.23	-	1.16	22	22	20	0	0	0	0	1	0	0	2	0	3.23	- S
	Blackbridge ...	9 9	690	15.7	8.6	12.1	-	21.1	7,8	2.2	20,21	-	-	5.45	-	.70	8	21	19	-	-	-	-	-	0	0	2	-	3.71	-
	Fortrose ... ¶§	9 9	15	15.5	10.4	12.9	-1.3	20.0	4	5.6	20	-	-	4.37	170	1.90	17	18	13	-	0	-	-	-	0	0	-	-	3.79	89
	Tarbatness ...	21-9	60	15.2	10.3	12.7	-	22.0	3,4	(5.5)	21,31	-	-	3.48	-	1.39	17	21	13	0	0	0	0	0	0	0	-	0	-	-
Inverness	Benbecula ...	21-9	19	14.6	9.6	12.1	-1.6	18.6	11	4.6	31	-	-	3.54	93	.91	22	15	12	0	0	0	0	0	2	0	1		5.10	-
	Isle of Rhum ...	9 9	15	16.1	9.7	12.9	-	20.6	13	2.8	20,31	15.4	13.6	7.94	-	1.67	25	18	16	0	0	0	0	0	0	0	0	3	-	-
	Prabost	9 9	220	14.7	8.9	11.8	-	17.8	11,12	3.3	20	-	-	7.25	-	1.60	22	23	18	0	0	0	0	0	0	0	0	2	4.40	-
	Duntulm ...	9 9	294	13.6	9.2	11.4	-1.8	16.1	25	5.0	20	-	-	5.46	124	1.06	17	19	17	0	0	1	0	0	2	0	0	4	4.25	101
	Onich ... ¶§	9 9	48	16.5	9.3	12.9	-1.0	23.3	13	1.7	20	-	-	7.16	109	1.49	22	23	22	0	0	0	0	2	0	0	5	0	3.94	106 S
	Fort William ...	9 9	27	16.5	9.2	12.9	-	23.9	12	0.0	20	14.4	14.2	5.76	-	1.03	22	27	21	0	0	0	1	3	0	0	2	0	3.73	-
	Fort Augustus ...	9 9	70	16.3	9.3	12.8	-1.4	24.4	12	1.7	20,21,31	-	-	4.75	-	.62	22	21	18	0	0	0	0	0	0	0	-	0	4.14	-
	Cannich	9 9	350	16.5	7.5	12.0	-	22.2	4,11,12	-2.7	20,21	-	-	4.82	137	.90	17	20	18	0	0	0	0	0	0	3	6	0	-	-
	Inverness ...	9 9	13	16.3	9.9	13.1	-	22.2	4	4.4	20,31	-	-	4.19	-	1.28	17	18	15	0	0	0	0	0	0	0	0	0	4.34	-
	Coire Cas Shieling	9 9	2500	13.0	6.1	9.5	-	18.9	3	1.1	19,20	-	-	8.46	-	1.65	18	25	21	1	0	2	0	2	9	0	-	0	-	-
	Cairngorm ...	9 9	3575	(10.4)	(4.6)	(7.5)	-	(16.1)	13	(-0.6)	19,20	-	-	(9.50)	-	(2.02)	18	(25)	(23)	-	-	-	-	-	-	(2)	-	-	-	-
	Achnagoichan ...	9 9	1000	15.9	7.2	11.5	-	22.2	4,12	0.0	20	12.0	-	5.03	-	.87	26	23	18	0	-	0	0	0	-	0	4	0	-	-
	Glenmore Lodge	9 9	1120	15.9	6.5	11.2	-	22.6	4	-1.5	21	-	-	6.39	-	1.68	18	19	18	0	0	0	0	0	0	3	8	0	3.64	-
1 SCOTLAND, E.																														
Nairn	Nairn ... ¶§	9 9	20	-	-	-	-	-	-	-	-	-	-	4.05	146	1.04	18	21	14	-	-	-	-	-	-	-	-	-	-	-
Moray	Forres	9 9	155	16.2	7.9	12.1	-	23.3	4	1.1	20	14.1	12.8	4.21	155	1.11	17	19	15	0	0	0	0	0	0	0	-	0	3.26	70
	Kinloss	21-9	15	16.4	9.2	12.8	-	24.2	4	1.3	20	13.1	-	3.54	-	1.17	17	20	13	0	0	0	0	0	0	0	3	0	3.32	-
	Elgin	9 9	92	16.6	9.0	12.8	-	24.4	4	3.3	20,21	-	-	4.02	-	1.01	17	20	15	0	0	0	0	0	0	0	0	0	3.72	-
	Lossiemouth ...	9 9	21	16.1	9.0	12.5	-1.4	23.3	3	2.2	21	-	-	3.05	-	1.25	17	18	12	0	0	0	0	1	0	0	1	0	-	-
	Gordon Castle ...	9 9	104	16.7	9.3	12.9	-1.4	23.3	3,4	3.3	20	-	-	5.02	162	1.21	18	18	15	0	0	0	0	0	-	0	-	0	3.35	74
Banff	Banff	9 9	80	15.6	9.8	12.7	-	23.3	3	5.0	20	-	-	6.30	-	2.52	17	22	17	0	0	1	0	1	1	0	-	0	3.63	-
Aberdeen	Braemar ...	9 9	1113	16.1	7.0	11.5	-1.1	22.2	4,12	-1.7	21	-	-	4.18	135	.85	26	17	12	-	0	-	-	-	0	3	-	-	4.51	- S
	Balmoral ...	9 9	927	16.1	7.1	11.6	-1.0	23.9	3	-1.1	20	-	-	4.44	154	.85	17	20	15	0	0	0	0	0	-	3	5	0	-	-
	Dinnet	9 9	580	17.0	8.2	12.6	-	24.4	3	0.6	21	14.1	-	5.40	-	1.47	17	21	17	-	0	-	-	-	0	0	3	-	4.30	-
	Huntly	9 9	405	16.6	8.3	12.9	-	24.2	3	1.9	21	-	-	6.47	-	1.36	18	22	15	0	0	0	0	0	0	0	3	0	-	-
	Fyvie Castle ...	9 9	218	16.9	9.1	13.0	-	24.4	3	1.1	21	-	-	5.41	-	1.32	17	21	13	0	0	0	0	0	-	0	2	0	4.06	-
	Craibstone ¶§	9 9	300	16.4	9.3	12.9	-0.5	25.0	3	3.3	20	13.7	12.7	4.72	159	1.38	17	17	15	0	0	0	0	1	2	0	0	1	4.23	88
	Dyce	21-9	190	16.9	9.4	13.1	-0.5	26.8	3	-	-	-	-	4.41	142	1.48	17	17	13	0	0	0	0	1	1	0	2	0	3.92	-
	Aberdeen ...	9 9	170	16.3	9.4	12.9	-	26.1	3	1.7	20	-	-	4.10	143	1.35	17	18	12	0	0	0	0	0	2	0	1	0	4.32	93
	Hilton	9 9	230	16.5	9.6	13.1	-	26.1	3	3.9	20	14.5	-	4.71	-	1.42	17	18	14	0	0	0	0	2	2	0	1	0	-	-
	Udny	9 9	352	16.2	8.7	12.5	-	22.2	4	3.3	20,21	-	-	5.08	-	1.59	17	22	15	0	0	0	0	1	1	0	0	0	3.87	-
	Rattray Head ...	21-9	85	15.1	10.0	12.5	-0.8	24.6	3	4.5	20	-	-	3.97	152	1.36	17	22	13	0	0	0	0	0	0	0	-	2	3.77	-
Kincardine	Fettercairn ...	9 9	560	16.3	8.8	12.5	-	25.6	3	2.2	20	-	-	3.55	-	.90	17	18	16	0	0	0	0	0	1	0	3	0	3.78	-
	Strachan ...	9 9	395	17.2	8.1	12.7	-	27.8	3	-0.6	20,21	12.3	-	4.21	-	.81	8	14	13	0	0	0	0	1	2	2	3	0	4.21	-
	Stonehaven ...	9 9	12	16.5	9.8	13.1	-0.8	27.2	3	1.7	20	-	-	2.77	101	.74	17	15	12	0	0	0	0	0	0	0	-	0	4.55	100
	Muchalls ...	9 9	210	16.2	9.4	12.8	-	26.1	3	3.3	20	-	-	4.23	-	1.22	17	18	12	0	0	0	0	0	0	0	0	0	-	-
Angus	Mylnefield ...	9 9	100	17.3	9.4	13.3	-	25.0	3,4	1.7	20	14.7	12.8	3.80	-	.65	7,28	17	13	0	0	1	0	2	0	0	1	0	4.46	-
	Auchterhouse ...	9 9	760	16.7	7.7	12.2	-	25.6	4	1.1	21	12.9	11.5	3.97	-	.75	8	18	15	0	0	0	1	4	6	0	4	0	3.91	-
	Dundee ¶	9 9	147	17.5	10.1	13.8	-0.7	26.7	4	3.9	20	15.9	-	3.19	96	.96	8	17	14	0	0	0	0	1	-	0	3	1	3.85	-
	Glamis Castle ...	9 9	200	17.4	8.6	13.0	-	25.0	4	-0.6	20	-	-	2.94	-	.49	8	21	13	0	0	0	0	1	1	1	3	1	-	-
	Whitehillocks ...	9 9	845	16.4	7.6	12.0	-	23.9	3,4	-1.1	20	-	-	4.92	-	1.18	17	20	15	0	0	0	0	2	1	1	3	0	-	-
	Buddon Ness ...	9 9	15	17.1	9.2	13.1	-0.7	25.0	3,4	0.6	31	-	-	2.51	87	.83	8	18	11	0	-	0	0	0	0	0	-	0	-	-
	Carnoustie ...	9 9	29	17.1	10.0	13.5	-	25.0	3	2.8	20	16.6	-	2.06	69	.44	8	17	12	0	0	0	0	0	0	0	1	0	4.49	-
	Arbroath §	9 9	95	16.9	9.9	13.4	-0.7	25.6	3,4	3.9	20	-	-	2.79	114	.97	28	15	11	0	0	1	0	1	0	0	0	0	4.50	89
	Montrose ...	9 9	186	17.4	9.7	13.5	-	26.1	3	2.2	20	-	-	2.04	73	.58	17	17	11	0	0	0	0	1	1	0	0	0	-	-
Perth	Dall	9 9	720	17.1	7.4	12.3	-	22.8	13	-1.7	21	-	-	5.50	-	1.20	28	20	16	0	0	0	0	1	0	2	2	0	-	-
	Strathyre ...	9 9	425	17.0	8.7	12.9	-	21.1	3,4,12	-1.1	21	14.7	13.5	5.34	-	.92	17	15	15	0	0	0	0	1	0	2	2	0	-	-
	Callander ...	9 9	230	17.6	9.4	13.5	-	22.8	4	1.1	20	-	-	5.19	-	.81	23	17	16	-	0	-	-	-	2	0	2	0	-	-
	Ardtalnaig ...	9 9	427	17.4	9.0	13.2	-	22.8	4,12	1.7	21	-	-	4.18	-	.54	27	17	14	0	0	0	0	3	0	0	2	0	-	-
	Dunblane ...	9 9	230	-	-	-	-	-	-	-	-	-	-	3.61	-	.61	27	18	15	-	-	-	-	-	-	-	-	-	5.34	-
	Pitlochry ...	9 9	473	17.1	8.2	12.7	-	23.3	4	-0.6	20,21	-	-	4.19	-	.74	17	21	17	0	0	0	0	0	0	2	3	0	4.89	-
	Faskally ...	9 9	310	17.6	8.8	13.2	-	22.8	4	0.0	20	15.2	13.8	4.55	-	1.07	17	21	17	0	0	0	0	0	2	0	3	0	-	-
	Dunning ...	9 9	250	17.5	9.2	13.3	-	23.9	4	1.1	20	-	-	4.12	-	.76	9	20	14	-	-	-	-	-	0	0	6	-	4.86	-
	Perth	9 9	77	17.9	9.8	13.9	-0.6	24.4	4	1.1	20,21	-	-	3.65	123	.82	17	17	14	0	0	0	0	1	1	0	3	0	4.85	110
	Inveralmond ...	9 9	26	18.2	9.6	13.9	-	25.0	4	0.6	20,21	-	-	4.65	-	1.07	28	18	15	0	0	1	0	2	-	0	2	0	-	-
	Blairgowrie ...	9 9	230	17.5	9.1	13.3	-	25.0	4	0.6	20	15.2	-	3.67	-	.57	8	19	15	0	-	0	0	1	-	0	1	1	4.77	-
	Glenshee Lodge	9 9	1100	16.3	6.9	11.6	-	23.3	4	-1.7	20	13.6	-	5.48	-	1.01	8,17	21	20	0	0	0	0	2	1	2	5	1	-	-
Fife	Pitreavie ...	9 9	130	17.8	10.1	13.9	-	24.7	4	3.2	21	-	-	4.03	-	.83	8	19	15	0	0	0	0	2	0	0	0	0	-	-
	Ballingry ...	9 9	425	16.7	9.6	13.1	-	22.8	4	2.2	20,21	13.8	11.8	3.93	-	.68	17	21	14	0	0	0	0	0	5	0	2	0	4.59	-
	Kirkcaldy ...	9 9	137	17.1	10.2	13.7	-0.8	23.3	4	2.8	20	-	-	4.14	127	.90	17	16	13	0	0	0	0	0	0	0	1	0	4.40	-
	Cupar	9 9	82	17.9	9.6	13.7	-	25.0	4	0.6	20	14.8	-	2.19	-	.51	17	16	10	0	0	0	0	0	0	0	2	0	-	-
	Leuchars ...	21-9	35	17.4	9.8	13.6	-0.9	26.1	4	3.0	20	-	-	2.70	101	.69	8	17	11	0	0	0	0	0	0	0	1	0	4.73	96
	St. Andrews ...	9 9	13	17.3	10.1	13.7	-0.5	25.6	4	2.8	20	14.7	13.4	2.10	75	.62	8	16	11	-	0	-	-	-	0	0	0	-	4.67	96

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1 SCOTLAND, E.—cont.																														
Midlothian	Balerno	9 9	700	16.3	9.4	12.9	-	(21.1)	4	2.8	20,21	-	-	3.20	-	.51	17	18	14	-	-	-	-	-	-	0	-	-	4.37	98
	Turnhouse ...	21-9	114	17.5	10.1	13.8	-0.5	23.4	4	1.7	20	-	-	3.14	101	.68	17	16	14	0	0	1	0	1	0	0	4	0	4.38	-
	Edinburgh—E. Craigs	9 9	200	17.1	10.1	13.6	-	21.7	4	2.2	21	-	-	3.09	-	.66	17	16	15	0	0	0	0	0	0	0	3	0	3.90	-
	Davidson's Mains	9 9	200	17.4	10.4	13.9	-0.6	21.7	4	3.3	26	15.2	-	3.21	-	.79	17	18	12	0	0	0	0	0	0	0	0	0	4.27	- S
	Penicuik	9 9	620	16.9	9.4	13.1	-	22.2	4	1.7	20	14.6	-	3.43	-	.46	15,18	16	15	0	0	0	0	1	0	0	-	1	4.06	-
	Bush House ...	9 9	605	16.6	9.3	12.9	-	21.7	4	2.2	21,22,31	14.4	13.2	3.01	-	.45	18	18	15	0	0	0	0	0	3	0	2	0	4.58	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	17.4	10.8	14.1	-0.4	23.9	4	5.0	20,21	-	-	3.05	97	.52	17	16	14	0	0	0	0	0	1	0	0	3	4.73	102
	Liberton ...	9 9	200	17.8	10.5	14.1	-0.5	22.8	4	3.3	21	-	-	3.15	-	.50	17	17	14	-	0	-	-	-	0	0	0	-	4.51	-
	Royal Bot. Gdns.	9 9	74	17.3	10.6	13.9	-0.8	22.8	4	3.9	20	15.4	-	3.52	-	.77	17	17	14	0	0	0	0	0	0	0	0	0	4.69	100
E. Lothian	Haddington ...	9 9	162	17.6	10.3	13.9	-	23.9	4	2.2	20	-	-	2.90	-	1.18	8	14	10	0	0	0	0	0	0	0	0	0	4.51	-
	North Berwick ...	9 9	152	17.2	10.8	14.0	-0.5	23.9	4	3.9	(21)	-	-	3.45	113	1.40	8	16	11	-	0	-	-	-	0	0	-	-	4.45	95
	Dunbar ...	9 9	75	16.9	10.7	13.8	-0.5	24.4	4	5.0	21	-	-	2.30	-	.90	8	18	14	0	0	0	0	0	0	0	0	0	5.11	101
Berwick	Mertoun ...	9 9	225	18.2	9.4	13.8	-	25.0	4	0.6	21	-	-	3.11	-	.53	17	19	11	-	-	-	-	-	-	0	4	-	4.73	-
	Lauder	9 9	600	17.7	8.9	13.3	-	22.8	4	0.0	20,21	-	-	3.42	-	.73	17	19	13	0	0	1	0	1	1	0	5	0	4.46	-
	Marchmont ¶§	9 9	498	17.1	9.7	13.4	-0.7	23.3	4	3.3	20,21	-	-	4.62	141	.82	17	20	14	0	0	0	0	1	0	0	-	1	4.24	93 S
	Whitchester ...	9 9	838	16.4	8.5	12.5	-	23.9	4	1.7	20	-	-	4.10	-	.83	18	21	14	0	-	0	0	2	-	0	-	0	-	-
	St. Abb's Head ...	9 9	245	16.4	11.3	13.9	-	24.3	3	6.9	22	-	-	-	-	-	-	-	-	0	0	1	0	2	1	0	0	2	-	-
Peebles	Stanhope Farm	9 9	741	17.1	8.4	12.7	-	21.1	14	(0.0)	21	-	-	3.48	-	.70	17	18	13	0	0	0	0	0	1	0	3	0	-	-
	Blyth Bridge ...	9 9	830	16.4	8.8	12.6	-	20.0	4	1.1	31	-	-	3.46	-	.90	14	17	13	0	0	0	0	0	0	0	3	0	3.80	-
	West Linton ...	9 9	800	16.2	8.4	12.3	-	20.0	4	0.0	21	13.7	12.8	3.48	-	(.75)	14	19	12	0	0	0	0	0	0	0	1	0	-	-
	Glentress ...	9 9	580	17.8	7.6	12.7	-	22.8	4	-1.7	21	-	-	4.32	-	1.03	14	19	14	0	0	0	0	0	0	2	-	0	-	-
Selkirk	Bowhill ...	9 9	600	17.4	9.3	13.3	-	21.7	3,4	1.1	21,31	-	-	4.43	-	1.11	17	14	13	0	0	1	0	3	0	0	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	17.4	9.1	13.3	-	23.3	3,4	0.6	20,21	-	-	3.35	-	.61	18	19	14	-	0	-	-	-	2	0	-	-	-	-
	Sourhope ...	9 9	900	17.3	9.3	13.3	-	24.4	4	2.2	20	-	-	4.08	-	1.58	18	19	15	-	0	-	-	-	1	0	4	-	3.94	-
6a SCOTLAND, W.																														
Argyll	Tiree ... ¶§	21-9	29	15.1	10.4	12.7	-1.1	18.5	13	5.6	21	-	-	4.52	125	.85	17	23	16	0	0	0	0	0	0	0	1	1	5.43	103
	Rhuvaal	21-9	65	15.6	10.6	13.1	-	18.3	12	6.1	20	-	-	5.72	-	.83	27	19	17	0	0	0	0	0	0	0	0	0	-	-
	Colonsay ...	9 9	87	16.2	9.9	13.1	-1.0	20.0	12	3.9	31	-	-	5.30	122	.88	22	26	16	0	-	0	0	0	2	0	-	0	-	-
	Tobermory ...	9 9	270	15.3	9.7	12.5	-	20.6	13	4.4	21,31	-	-	6.91	-	1.25	22	22	20	-	-	-	-	-	-	0	0	-	-	-
	Craighouse ...	9 9	10	17.2	10.8	14.0	-	23.3	12	5.0	21	-	-	5.99	-	1.10	26	23	19	-	0	-	-	-	0	0	0	-	-	-
	Campbeltown ...	9 9	10	16.8	10.6	13.7	-	20.6	4	4.4	21	-	-	3.33	-	.72	17	16	15	0	0	0	0	0	10	0	-	0	5.24	-
	Achaglachgach ...	9 9	40	17.1	9.6	13.3	-	23.3	13	1.7	20	-	-	6.82	-	.97	17	24	21	0	-	0	0	1	0	0	2	0	-	-
	Oban	9 9	229																											
	Lephinmore ...	9 9	30	16.9	10.1	13.5	-	21.7	11,12	2.8	21	-	-	5.76	-	.94	22	24	19	0	0	0	0	0	1	0	0	0	3.86	-
	Glenbranter ...	9 9	120	16.8	9.2	13.0	-0.9	23.3	13	0.6	21	-	-	8.47	118	1.19	22	19	16	-	0	-	-	-	0	0	2	-	-	-
	Benmore																													
	Forestry Sch.	9 9	46	16.9	9.1	13.0	-1.1	22.2	11	0.6	21	14.6	-	8.06	113	1.66	17	21	18	0	0	0	0	0	4	0	3	0	-	-
	Younger Bot. Gdns.	9 9	40	-	9.8	-	-	-	-	2.8	20,21	-	-	8.09	-	1.67	17	20	17	0	0	0	0	1	0	0	2	0	-	-
Bute	Rothesay ¶§	9 9	150	16.6	10.7	13.7	-0.6	22.8	12	4.4	21	14.3	13.3	5.93	124	1.23	17	18	14	0	0	0	0	1	0	0	2	0	4.82	105
	Millport ...	9 9	16	16.7	11.3	14.0	-	22.2	12	6.1	21	-	-	5.59	150	1.42	14	17	14	0	0	0	0	1	0	0	-	0	-	-
Dunbarton	Helensburgh ...	9 9	293	16.8	9.9	13.3	-1.0	21.1	11,12	2.8	21	-	-	5.66	115	1.30	17	19	15	0	0	0	0	0	0	0	-	0	4.51	107 S
	Cumbernauld ...	9 9	310	17.5	9.1	13.3	-	22.2	4	0.6	21	-	-	4.89	-	.96	17	17	16	0	0	0	0	0	1	0	2	0	-	-
Stirling	Earls Hill ...	9 9	1100	15.0	7.9	11.5	-	20.0	4	2.7	21	-	-	6.08	-	1.44	17	18	16	-	-	-	-	-	8	0	0	-	4.08	-
	Stirling	9 9	151	18.0	10.4	14.2	-0.8	23.3	4	3.3	20,21	16.4	13.9	4.18	121	.66	17	17	15	0	0	0	0	0	0	0	0	0	4.60	-
	Falkirk	9 9	100	17.7	9.9	13.8	-1.2	21.7	4	2.2	21	-	-	3.94	-	.84	17	17	15	-	-	-	-	-	0	-	-	-	-	-
Renfrew	Greenock ...	9 9	200	16.8	10.8	13.8	-1.0	21.7	12	5.0	21	-	-	6.77	146	1.15	17	19	16	0	0	0	0	0	1	0	0	0	4.86	-
	Paisley	9 9	106	17.6	10.8	14.2	-1.1	22.2	11,12	3.9	21	15.1	13.1	5.75	161	1.45	17	18	15	0	0	0	0	3	0	0	0	0	3.93	89
	Barrhead ...	9 9	97	17.2	10.2	13.7	-	21.7	12	1.7	31	-	-	5.34	-	1.36	17	15	14	0	0	0	0	3	0	0	1	0	-	-
	Renfrew ¶§	21-9	26	17.7	10.4	14.1	-0.7	22.7	12	2.4	20	-	-	5.17	155	1.67	17	16	13	0	0	0	0	3	0	0	3	0	4.30	97
Lanark	Crossmyloof ...	9 9	75	18.1	10.3	14.2	-	23.3	7	2.2	21	-	-	4.10	-	1.33	17	17	14	0	0	0	0	0	0	0	-	0	4.19	-
	Thorntonhall ...	9 9	453	16.6	9.6	13.1	-	20.0	4,11,12	2.8	20,21	-	-	4.87	-	1.71	17	16	13	0	0	0	0	0	-	0	3	0	-	-
	Glasgow, Springburn	9 9	351	17.2	10.0	13.6	-1.0	21.7	4	3.3	21	-	-	4.39	118	1.20	17	17	15	0	0	1	0	1	0	0	0	0	4.27	105
	Coatbridge ...	9 9	256	17.4	9.8	13.6	-	22.2	11	2.2	21	-	-	4.10	-	.89	17	18	15	0	0	0	0	0	0	0	-	0	-	-
	Happendon Station	21-9	675	17.0	8.0	12.5	-	21.4	4	-1.0	21	13.5	-	3.85	-	.65	18	19	16	0	0	0	0	1	0	3	3	0	4.18	-
	Lowther Hill ...	21-9	2377	12.3	6.4	9.3	-	16.7	12	1.0	21	-	-	-	-	-	-	-	-	0	-	0	0	1	17	0	-	6	3.99	-
	Leadhills ...	9 9	1270	15.9	7.8	11.9	-	20.6	14	-1.1	20	-	-	5.08	-	1.26	17	19	17	0	0	0	0	3	1	2	2	0	-	-
	Carnwath ...	9 9	706	16.9	8.1	12.5	-	21.1	4,14	-1.7	21	-	-	3.11	-	.66	14	20	15	0	0	0	0	1	1	3	-	1	-	-
	Camps Reservoir	9 9	969	15.6	7.8	11.7	-	20.0	12	-0.6	21	-	-	3.70	-	.53	18	21	15	0	0	0	0	1	5	1	-	0	-	-
Ayr	Turnberry ...	9 9	25	17.3	10.5	13.9	-0.8	21.1	4,12	4.4	20	-	-	3.73	-	.95	18	17	14	0	0	0	0	0	1	0	-	0	4.82	-
	Largs	9 9	20	17.4	10.8	14.1	-1.1	22.8	12	3.9	21	-	-	5.95	-	1.30	17	18	15	0	0	0	0	0	0	0	0	0	4.42	-
	Barr	9 9	400	17.1	8.6	12.9	-	23.3	4	-1.1	21	-	-	3.71	-	.97	17	20	14	0	0	0	0	2	0	1	-	0	-	-
	Auchincruive ...	9 9	147	17.1	10.1	13.6	-0.9	22.2	12	1.7	21	14.1	12.8	4.38	126	.78	17	20	15	0	0	0	0	2	0	0	0	0	5.05	109
	Prestwick Airport	21-9	51	17.6	10.2	13.9	-	22.4	12	1.7	21	-	-	4.98	153	1.06	17	18	15	0	0	0	0	2	0	0	3	0	5.21	-
	Kilmarnock ...	9 9	115	17.8	10.2	14.0	-0.8	22.2	19	2.2	21	15.6	13.4	6.13	-	1.01	14	17	16	0	0	0	0	0	2	0	0	0	4.47	96 S
Dumfries	Dalmacallan ...	9 9	480	16.8	8.9	12.9	-	22.8	4	1.1	20,21	-	-	5.51	-	2.15	17	18	15	0	0	0	0	3	0	0	3	0	-	-
	Dumfries ¶§	9 9	140	17.3	9.9	13.6	-1.1	21.1	4	2.2	21	14.9	13.7	3.81	96	1.29	17	14	13	0	-	0	0	1	0	0	4	0	5.26	112
	Eskdalemuir Obs'y. ¶§	21-9	794	16.6	8.4	12.5	-0.7	21.3	4	-2.2	21	14.3	12.4	4.08	74	.78	17	20	15	0	0	0	0	1	0	2	3	0	3.88	93
Kirkcudbright	Bargrennan ...	9 9	360	17.5	8.7	13.1	-	22.8	4	-0.6	21	-	-	4.46	-	1.12	17	19	12	0	0	0	0	2	0	1	6	0	-	-
	Palnure	9 9	50	17.5	9.1	13.3	-	22.2	4	0.6	21	-	-	5.17	-	1.52	8	18	13	0	0	0	0	1	0	0	2	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	7.57	-	1.84	17	17	13	-	-	-	-	-	-	-	-	-	4.97	-
	Glenlee	9 9	181	18.2	9.1	13.7	-0.6	23.3	4	0.0	21	-	-	6.45	-	1.73	17	16	14	0	0	1	0	1	0	0	2	0	-	-
	Dundeugh ...	9 9	390	17.1	8.0	12.5	-	22.2	12	-1.7	21	13.3	-	4.56	-	1.36	17	19	16	0	0	0	0	3	0	3	-	0	-	-
	Glenlochar Barrage	9 9	154	18.0	9.6	13.8	-	22.8	3,4	1.1	21	-	-	4.73	-	1.16	17	16	13	-	0	-	-	-	0	0	-	-	-	-
	Threave ...	9 9	240	17.7	9.5	13.6	-	22.2	4	-1.7	21	-	-	5.16	-	1.55	17	15	13	0	0	1	0	0	0	1	1	0	-	-
	Castle Douglas ...	9 9	196	17.6	9.2	13.4	-	22.2	4	0.0	21	13.9	-	5.04	-	1.24	17	15	13	-	0	-	-	-	0	0	4	-	5.83	-
Wigtown	West Freugh ...	21-9	50	17.1	9.9	13.5	-	21.8	13	1.5	31	-	-	3.00	89	.76	17	14	10	-	-	-	-	-	-	0	-	-	5.34	-
	Penwhirn ...	9 9	546	-	9.6	-	-	-	-	2.2	21	-	-	5.21	-	1.44	17	16	16	0	0	0	0	0	0	0	1	0	4.86	-
	Mull of Galloway	21-9	257	16.4	11.3	13.9	-	20.4	4	7.8	20	-	-	-	-	-	-	-	-	0	0	0	0	0	2	0	-	2	-	-
6b ISLE OF MAN																														
Isle of Man	Ronaldsway ...	21-9	55	17.2	11.2	14.2	-	21.6	4	5.5	31	-	-	3.20	108	1.11	17	9	6	0	0	0	0	1	1	0	0	0	5.84	-
	Douglas	9 9	284	16.8	11.1	13.9	-0.7	21.7	4	6.1	20	-	-	3.82	98	1.27	17	10	8	0	0	0	0	0	0	0	0	0	5.44	93
	Point of Ayre ...	21-9	30	18.1	11.5	14.8	-	22.5	5	6.0	31	-	-	3.35	125	.76	18	12	8	0	0	0	0	0	0	0	-	0	6.59	-
2 ENGLAND, N.E.																														
Northumberland	Kielder Castle ...	9 9	660	17.0	8.4	12.7	-	21.7	4	-1.1	21	15.3	-	4.38	94	1.04	8	19	14	0	0	0	0		3	2	4	0	-	-
	Bellingham ...	9 9	849																											

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270																											
	Corbridge ...	9 9	160	18.6	9.2	13.9	-	25.0	4	1.1	31	-	-	3.49	-	1.19	18	12	10	0	0	0	0	1	0	0	1	0	-	-
	Berwick-on-Tweed	9 9	76	16.7	10.7	13.7	-0.5	22.8	3	4.4	21,31	-	-	3.00	111	.50	7,8	17	14	0	0	0	0	2	0	0	0	0	4.76	96
	Cockle Park ¶§	9 9	326	17.9	9.8	13.9	-0.2	25.0	5	2.8	20	-	-	3.83	127	1.24	18	13	12	-	-	-	-	-	-	0	-	-	-	-
	Acklington ...	21-9	138	17.8	10.1	13.9	-	24.7	3	3.2	22	-	-	2.49	-	.39	17	15	13	0	0	0	0	2	0	0	1	1	5.77	-
	Tynemouth ...	21-9	95	17.4	11.7	14.5	-0.4	26.0	25	5.8	20	-	-	3.01	99	1.00	18	16	11	0	0	0	0	3	0	0	0	1	5.32	112
Durham	Chopwellwood ...	9 9	446	18.0	9.9	13.9	-0.8	23.3	26	3.3	21	-	-	3.56	116	.75	6	17	12	0	0	0	0	0	0	0	1	0	-	-
	Ushaw College ...	9 9	594	-	9.9	-	-	-	-	4.4	20	-	-	2.33	81	.47	17	11	10	0	0	0	0	0	5	0	-	0	-	-
	Houghall ...	9 9	123	19.2	9.5	14.3	-0.5	25.0	5	1.1	21,22,31	-	-	1.96	68	.39	17	15	9	0	0	0	0	0	0	0	5	0	5.18	112
	Durham ¶§	9 9	336	19.0	9.7	14.3	-0.6	25.0	4	2.2	21,31	15.4	13.7	1.72	63	.40	17	14	8	-	0	-	-	-	-	0	-	-	4.95	104
	Gateshead ...	9 9	509	17.7	10.8	14.3	-	24.4	5	6.1	20,21	-	-	2.35	-	.58	8	15	11	-	0	-	-	-	2	0	0	-	4.53	-
	Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	West Hartlepool	9 9	30	18.8	11.5	15.1	-	26.1	3,26	5.0	21	-	-	1.57	-	.33	7	15	8	0	0	0	0	3	0	0	0	0	5.38	-
Yorks.,	Dishforth ...	21-9	105	20.0	10.4	15.2	-	27.0	5	4.0	21,22	-	-	2.17	87	.76	18	13	9	0	0	1	0	3	0	0	0	0	5.61	-
N. Riding	Thirsk	9 9	111	19.7	10.2	14.9	-	25.6	3,5,26	2.8	21	-	-	2.86	-	1.13	8	12	10	0	0	1	0	4	1	0	4	0	-	-
	York ... ¶§	9 9	57	20.2	11.0	15.6	-0.6	27.8	26	5.0	20,21,31	16.6	15.4	1.94	75	.52	18	11	8	0	0	0	0	2	0	0	-	0	5.77	114
	Ampleforth ...	9 9	313	18.1	10.4	14.7	-0.4	25.6	26	4.4	21,30	-	-	2.45	80	.55	8	17	11	-	-	-	-	-	1	0	0	-	-	-
	Redcar	9 9	25	19.3	11.6	15.5	-	27.8	26	5.0	21	-	-	1.49	58	.29	8	17	11	-	0	-	-	-	0	0	-	-	5.50	-
	Pickering ...	9 9	143	19.7	9.6	14.7	-	27.2	3,26	1.1	31	-	-	2.40	-	1.14	9	12	10	0	0	1	0	4	0	0	1	0	-	-
	Whitby	9 9	135	18.6	11.1	14.9	-	27.2	26	3.9	21,31	-	-			.64	18			0	0	0	0	4	0	0	-	1	6.02	119
	Scarborough ¶§	9 9	118	19.4	11.8	15.6	-0.3	28.3	26	7.2	20,30	16.1	14.9	.89	34	.18	18	10	7	0	0	0	0	0	0	0	0	0	5.61	109
	Silpho Moor ...	9 9	665	17.9	9.6	13.7	-	26.1	26	2.8	21	13.7	-	2.61	-	.81	18	17	10	0	0	0	0	0	2	0	2	0	5.32	-
	Whitby C/Guard	21-9	200				-	30.7	26	3.3	21,31	-	-	1.79	-	.47	18	12	8	0	0	0	0		0	0	0	1	-	-
Yorks.,	High Mowthorpe	9 9	574	19.3	9.9	14.6	-	27.8	26	3.9	20,30	15.2	-	1.94	61	.45	9	14	9	0	0	0	0	0	0	0	1	0	5.94	-
E. Riding	Hull	9 9	8	20.6	12.1	16.3	-0.2	29.4	26	5.6	20,31	16.2	13.4	1.85	72	.50	8	12	8	0	0	0	0	2	0	0	0	0	6.11	116
	Leconfield ...	21-9	24	19.9	10.8	15.3	-	28.3	26	3.8	31	-	-	1.87	-	.33	8	13	8	0	0	0	0	3	0	0	1	0	5.59	-
	Filey	9 9	122	18.3	10.7	14.5	-	27.8	26	3.9	21,31	-	-	1.14	-	.24	7,17	12	8	0	0	0	0	1	0	0	0	0	5.78	-
	Bridlington ...	9 9	157	18.9	10.8	14.9	-	27.8	26	5.0	20	-	-	2.05	-	.53	6	15	8	0	0	0	0	2	0	0	0	1	5.49	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110																											
	Navenby ...	9 9	60	21.3	10.3	15.8	-	29.4	26	1.1	31	-	-	1.79	-	.80	18	10	6	0	0	0	0	1	0	0	2	0	-	-
	Waddington ...	21-9	224	20.4	11.2	15.8	-0.3	29.2	26	5.3	20	-	-	1.40	-	.65	18	8	6	0	0	0	0	1	0	0	0	0	6.42	-
	Lincoln	9 9	22	20.6	9.2	14.9	-	28.9	26	-1.7	31	16.4	14.9	2.02	-	.70	6	8	7	0	0	0	0	3	0	1	2	0	6.31	-
	Cranwell ¶§	9 9	205	20.4	11.1	15.7	-0.3	29.1	26	5.0	20	16.6	15.1	1.80	83	.56	18	9	8	0	0	0	0	0	0	0	0	0	6.19	110
	Binbrook ...	21-9	353	19.5	11.4	15.5	-	29.9	26	4.8	20	-	-	1.71	-	.69	18	11	9	0	0	0	0	3	0	0	1	0	-	-
	Cleethorpes ...	9 9	23	-	12.1	-	-	-	-	6.1	20	-	-	1.15	54	.43	18	11	8	0	0	0	0	1	0	0	-	0	6.44	115
	Manby	21-9	55	20.3	11.2	15.7	-	30.2	26	4.7	20	-	-	2.31	-	.83	18	13	10	0	0	0	0	3	0	0	0	0	6.37	-
	Skegness ...	9 9	15	20.1	11.7	15.9	-0.1	30.6	26	5.[illegible]	20,30	-	-	2.32	108	.80	9	10	8	0	0	0	0	1	1	0	0	0	6.72	119
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	21.2	10.9	16.1	-	31.7	26	3.9	20,30,31	16.5	-	1.23	65	.22	17	13	9	0	0	0	0	1	0	0	0	0	6.97	-
	Marham ...	21-9	76	20.9	11.3	16.1	-	31.2	26	3.0	30	-	-	1.21	-	.24	15	15	9	0	0	0	0	3	0	0	1	0	-	-
	Santon Downham	9 9	80	22.0	9.1	15.5	-	32.2	26	-1.7	31	16.1	14.7	1.71	-	.70	15	13	6	-	0	-	-	-	0	2	6	-	5.99	-
	West Raynham ...	21-9	250	20.5	11.2	15.9	-	31.1	26	4.2	30	-	-	1.16	-	.20	23	15	7	0	0	0	0	4	0	0	2	0	6.88	-
	Cromer	9 9	178	20.4	12.2	16.3	-0.1	32.8	26	7.2	20,30	-	-	.88	40	.19	8,28	8	7	-	0	-	-	-		0	0	-	6.56	113
	Sprowston ¶§	9 9	93	20.7	11.1	15.9	-0.5	31.7	26	3.3	31	16.2	-	1.55	73	.34	8	12	7	0	0	0	0	1	0	0	1	0	6.25	109
	Coltishall ...	21-9	55	20.8	11.3	16.1	-	32.4	26	4.6	30	-	-	1.36	-	.47	19	12	7	0	0	0	0	3	0	0	3	0	-	-
	Burlingham ...	9 9	89	20.8	11.7	16.3	-	31.7	26	5.0	21	-	-	1.75	84	.42	8	13	10	0	0	0	0	5	0	0	0	0	6.57	-
	Gorleston ¶§	21-9	12	19.9	12.7	16.3	-0.2	27.0	26	6.5	20	17.1	15.6	2.15	107	1.22	9	13	7	0	0	0	0	4	0	0	0	0	6.79	111
Suffolk	Mildenhall	21-9	15	21.9	11.6	16.7	-	32.2	26	2.8	31	-	-	1.69	83	.79	15	13	7	0	0	0	0	2	0	0	1	0	7.45	125
	East Bergholt ...	9 9	14	22.8	10.3	16.5	-	32.2	26	2.8	31	-	-	.52	-	.10	8	10	5	0	0	0	0	1	0	0	4	0	-	-
	Wattisham ...	21-9	292	21.2	11.1	16.1	-	31.7	26	3.6	20	-	-	.83	-	.24	27	11	5	0	0	0	0	2	0	0	3	0	-	-
	Aldeburgh ...	21-9	15	19.8	13.7	16.7	-	23.1	17	7.6	20,30	-	-	-	-	-	-	-	-	0	-	0	0	2	0	0	-	0	-	-
	Lowestoft ...	9 9	82	20.3	12.4	16.3	-0.2	25.0	27	6.1	20,30	16.9	15.6	1.55	72	.75	9	13	10	0	0	0	0	4	0	0	0	0	6.70	111
Cambridge	Boxworth ...	9 9	157	21.3	11.1	16.2	-	31.1	26	3.3	31	-	-	.75	43	.20	17	10	8	0	0	0	0	1	1	0	2	0	6.98	-
	Cambridge Bot. Gdn. ¶	9 9	41	22.1	10.9	16.5	-0.2	31.7	26	3.3	21	17.6	16.6	.71	37	.18	17	12	6	0	0	0	0	1	0	0	1	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	21.6	11.5	16.5	-	31.7	26	3.3	31	-	-	.86	46	.18	17	12	9	0	0	0	0	1	0	0	4	0	6.46	131
Huntingdon	Monkswood ...	9 9	103	21.3	10.4	15.9	-	31.1	26	2.8	21,31	17.1	-	1.16	-	.53	15	11	8	0	0	0	0	0	0	0	1	0	-	-
	Wyton	21-9	129	21.2	11.5	16.3	-	31.0	26	4.8	31	-	-	1.27	-	.59	15	10	6	0	0	0	0	0	0	0	0	0	-	-
Bedford	Woburn	9 9	291	20.8	10.3	15.5	-0.5	30.0	26	1.7	31	16.8	14.9	.82	35	.48	8	12	3	0	0	1	0	1	0	0	5	0	6.54	115
	Luton	9 9	379																											
	Silsoe	9 9	195	21.2	10.8	16.0	-	30.6	26	1.1	31	16.8	14.7	.70	33	.36	8	9	4	0	0	0	0	0	0	0	3	0	6.45	-
	Cardington ...	21-9	93	21.7	10.2	15.9	-	31.3	26	1.3	31	16.7	15.4	.51	27	.14	8	10	5	0	0	0	0	1	0	0	2	0	6.32	-
	Letchworth ...	9 9	209	22.0	11.3	16.7	-	32.2	26	2.8	21,31	-	-	.48	-	.12	8	10	5	-	-	-	-	-	-	0	0	-	-	-
Hertford	Bovingdon ...	21-9	516	20.5	11.0	15.7	-	28.9	26	4.7	21	-	-	.65	-	.20	17	12	7	0	0	0	0	0	0	0	3		-	-
	Garston ...	9 9	256	21.4	11.2	16.3	-	30.0	26	3.9	31	-	-	.44	-	.10	16	9	4	0	0	0	0	0	0	0	5	0	7.31	-
	Rothamsted ¶§	9 9	420	21.3	10.6	15.9	-0.1	30.0	26	3.3	21	16.5	14.6	.50	22	.09	16	12	6	0	0	0	0	0	1	0	2	0	6.48	113
	St. Albans ...	9 9	272	21.4	11.1	16.3	0.0	30.0	26	4.4	21	17.4	-	.53	25	.15	17	8	5	0	0	0	0	0	0	0	0	0	-	-
	Stansted Abbotts	9 9	97	-	10.8	-	-	-	-	1.7	31	18.0	17.4	.87	-	.32	17	9	7	-	0	-	-	-	0	0	3	-	-	-
	Hoddesdon ...	9 9	153	21.5	11.3	16.4	-	30.6	26	4.4	30	18.1	-	.66	-	.24	17	8	5	0	0	0	0	1	-	0	0	0	6.76	-
	Eastwick Lodge	9 9	137	22.9	10.4	16.7	-	31.7	26	2.8	31	-	-	.88	43	.27	17	10	5	-	0	-	-	-	0	0	-	-	-	-
Essex	Stansted ...	9 9	331	21.0	11.4	16.2	-	30.7	26	4.4	31	-	-	.80	-	.22	17	9	6	0	0	0	0	1	0	0	3	0	-	-
	Writtle	9 9	105	21.6	10.4	16.0	-	30.6	26	3.3	31	16.7	-	1.16	58	.62	18	6	5	0	0	0	0	2	0	0	3	0	6.46	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90	22.1	12.9	17.5	-	29.4	26	7.8	20	-	-	.74	38	.17	13	8	7	0	0	0	0	1	0	0	0	0	6.23	97
	Maldon	9 9	14	21.8	12.1	16.9	-	31.7	26	6.7	23,31	-	-	.82	-	.25	17	12	6	0	-	0	0	1	0	0	-	0	-	-
	Earls Colne ...	9 9	160	22.3	10.7	16.5	-	31.7	26	3.3	31	16.8	16.1	1.03	50	.29	8	9	6	-	0	-	-	-	0	0	6	-	-	-
	Shoeburyness ¶§	21-9	7	21.5	13.2	17.3	0.0	29.0	26	7.0	30	-	-	.91	48	.26	13	8	6	0	0	0	0	2	0	0	0	0	7.03	111
	Clacton-on-Sea ...	9 9	53	20.7	13.4	17.1	-	25.6	3	7.2	20,30	17.8	16.3	.58	24	.14	9	8	7	0	0	0	0	2	0	0	0	0	7.15	111
	Walton-on-Naze	21-9	15	20.6	13.2	16.9	-	24.1	27	7.5	20	-	-	.72	-	.26	18	9	4	0	0	0	0	3	0	0	0	0	7.69	-
	Dovercourt ...	9 9	11	21.2	12.1	16.7	-0.4	27.2	26	5.6	20	-	-		-	.12	17			0	-	0	0		0	0	0	0	-	-
4	MIDLAND COUNTIES																													
Yorks.,	Slaidburn ...	9 9	629	17.8	9.4	13.6	-	22.8	25	2.8	21,30	-	-	3.65	-	1 02	13	12	10	0	0	0	0	0	1	0	1	0	5.51	-
W. Riding	Malham Tarn ...	9 9	1297	15.8	8.6	12.2	-	20.6	25	2.2	20	14.2	-			.46	5			0	0	0	0		2	0	6	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	19.6	11.0	15.3	-0.2	26.7	26	3.9	21,31	15.7	14.5	3.54	-	1.30	17	14	10	-	0	-	-	-	0	0	2	-	5.77	127
	" Oakes	21-9	761	18.9	10.4	14.7	-0.5	26.5	26	5.1	20	14.5	12.5	2.77	85	1.09	18	15	10	0	0	1	1	4	2	0	0	1	5.90	124
	Bradford ¶	9 9	439	18.6	10.7	14.7	-0.5	25.0	26	3.9	20	15.1	14.2	2.36	78	.64	15	11	10	0	0	0	0	0	0	0	0	0	-	- S
	Ilkley	9 9	315	19.4	10.7	15.1	-0.2	25.0	5,26	3.3	21	-	-	1.90	56	.35	17	10	10	0	0	0	1	1	0	0	-	0	5.64	116
	Sheffield ...	9 9	429	19.5	11.5	15.5	-0.5	27.2	26	5.0	31	16.1	14.4	1.94	70	.45	18	10	7	0	0	0	0	2	-	0	0	0	5.78	120
	Wakefield ...	9 9	121	20.6	11.0	15.8	-0.3	27.2	26	3.9	21	15.7	14.1	1.42	54	.43	15	11	7	0	0	0	0	0	1	0	4	1	-	- S
	Pontefract ...	9 9	255	19.7	11.1	15.4	-0.1	26.7	26	5.6	20,30	-	-	1.05	42	.28	15	10	7	0	0	0	0	1	1	0	0	0	-	-
	Bramham ...	9 9	177	20.1	10.1	15.1	-	27.2	26	4.4	20,21,31	-	-	1.81	66	.39	18	12	9	0	0	0	0	3	0	0	0	0	6.08	-
	Cawood	9 9	20	20.2	9.7	14.9	-	27.2	26	2.2	21,31	16.2	15.4	1.46	58	.43	7	11	10	0	0	0	0	1	0	0	1	0	5.42	-
	Askham Bryan ...	9 9	110	20.1	9.9	15.0	-	27.2	26	3.9	20,21,31	-	-	1.74	65	.39	18	8	8	0	0	0	0	0	0	0	0	0	5.87	121
Derby	Buxton	9 9	1007	17.0	9.7	13.3	-0.7	24.5	26	2.8	31	14.7	14.1	2.73	66	.59	18	12	12	0	0	0	0	0	4	0	0	0	-	-
	Chapel en le Frith	9 9	732	-	-	-	-	25.5	26	-0.5	30	-	-	3.91	-	1.08	18	12	11	0	0	0	0	-	-	-	-	-	-	-
	Mackworth ...	9 9	293	19.9	10.2	15.5	-	27.2	26	3.3	20	-	-	2.49	-	.89	6	7	7	0	0	0	0	1	0	0	0	0	-	-
	Belper	9 9	203																											
	Derby	9 9	159	20.5	11.3	15.9	-	28.3	26	4.5	31	-	-	2.33	-	.83	18	10	7	0	0	0	0	1	0	0	0	0	6.43	-
	Morley	9 9	350	19.9	10.5	15.2	-	27.2	26	3.3	20	-	-	2.42	80	.89	18	10	7	0	0	0	0	1	-	0	3	0	6.44	-
	Chesterfield ...	9 9	298																											
Nottingham	Sutton Bonington	9 9	157	20.1	10.3	15.2	-0.7	27.8	26	1.7	31	16.3	15.6	1.59	72	.59	18	8	7	0	0	0	0	0	0	0	1	0	6.72	133
	Watnall	21-9	385	20.3	10.7	15.5	-	28.1	26	4.5	20	-	-	1.99	77	.79	18	13	8	0	0	0	0	2	0	0	0	0	6.11	121
	Nottingham Training College ...	9 9	169	20.3	10.8	15.5	-	28.3	26	5.0	20,31	-	-	1.64	-	.56	6,18	8	6	-	-	-	-	-	2	0	0	-	-	-
	Mansfield ...	9 9	362	20.1	11.2	15.7	-0.1	27.2	26	5.5	31	16.5	-	2.35	94	.91	18	9	8	0	0	0	0	0	7	0	0	0	-	-
	Nottingham ¶§	9 9	192	20.6	11.2	15.9	-0.5	27.8	26	5.0	20	16.3	16.5	2.12	89	.67	18	9	5	0	0	0	0	0	0	0	0	0	5.56	115
	Warsop	9 9	150	20.5	9.5	15.0	-	27.8	26	0.0	31	-	-	2.14	95	.66	18	10	8	-	0	-	-	-	0	1	2	-	5.66	-
	Finningley ...	21-9	34	21.0	11.3	16.1	-0.4	28.6	26	5.1	31	-	-	1.20	-	.25	6	10	8	0	0	0	0	1	0	0	0	0	6.15	-
Leicester	Newtown Linford	9 9	392	20.1	10.0	15.1	-	27.2	26	2.8	31	-	-	1.91	-	.81	18	10	9	0	0	0	0	1	0	0	2	0	6.25	-
	Caldecott ...	9 9	175	21.3	9.5	15.4	-	30.0	26	-0.5	31	-	-	1.29	-	.33	18	10	8	-	0	-	-	-	0	1	1	-	6.31	-
Northampton	Bugbrooke Mills	9 9	278	21.2	9.7	15.5	-	30.0	26	1.1	31	16.2	-	1.34	-	.32	15	11	8	0	0	0	0	0	0	0	-	0	6.90	-
	Raunds	9 9	193	21.3	10.3	15.8	-	30.5	26	2.3	31	17.3	13.6	1.05	50	.50	15	9	6	0	0	0	0	1	0	0	1	0	6.09	-
	Wittering ...	21-9	212	21.2	11.0	16.1	-	30.4	26	4.8	20	-	-	1.24	-	.42	15	10	7	0	0	0	0	1	0	0	2	0	6.48	-
Warwick	Birmingham K.E.S.*	9 9	450	20.0	11.3	15.7	-	27.8	26	4.5	31	-	-	2.70	-	1.45	6	13	6	0	0	0	0	1	1	0	-	0	-	-
	Edgbaston ¶§	21-9	536	19.5	11.7	15.6	-0.4	27.7	26	6.6	31	13.4	12.7	2.44	88	1.07	6	11	7	0	0	0	0	2	0	0	1	0	5.83	114
	Luddington ...	9 9	138	21.1	10.3	15.7	-	28.3	26	1.7	30	-	-	1.22	55	.37	15	10	6	0	0	0	0	0	0	0	2	0	6.47	-
	Stratford on Avon	9 9	160	21.3	9.9	15.6	-	28.3	5,26	0.5	30	18.1	-	1.13	45	.36	15	9	7	0	0	0	0	0	0	0	2	1	5.97	-
	Elmdon	21-9	319	20.1	10.2	15.1	-	27.2	26	3.0	31	-	-	1.91	79	.59	18	10	7	0	0	0	0	1	0	0	3	0	5.88	-
	Shipston on Stour	9 9	365	20.7	11.1	15.9	-	28.3	26	5.0	31	.1	-	.96	-	.20	15	9	9	0	0	0	0	2	-	0	-	-	6.17	-
	Wellesbourne ...	9 9	153	21.0	9.9	15.5	-	28.3	26	1.7	31	16.5	16.0	1.80	79	.65	6	10	8	0	0	0	0	0	0	0	4	0	5.82	-
	Moreton Morrell	9 9	280	20.9			-	28.9	26	2.8	31	-	-	1.16	-	.38	8	10	7	0	0	0	0	1	0	0	4	3	6.35	-
	Coventry ...	9 9	338	20.1	10.9	15.5	-0.6	27.2	26	3.3	30	-	14.4	2.14	84	.69	18	11	7	0	-	0	0	0	0	0	1	0	6.13	121
	Rugby	9 9	385	20.5	10.8	15.7	-0.3	28.3	26	3.9	31	16.3	15.9	1.42	-	.33	15	9	8	0	0	0	0	1	-	0	0	0	-	-
Oxford	Oxford ¶§	9 9	208	21.7	11.8	16.7	-0.2	30.5	26	5.0	21	18.3	16.7	.57	25	.19	18	9	6	0	0	0	0	1	0	0	2	0	7.02	123
	Grendon Underwood	9 9	220	21.5	8.9	15.2	-	29.5	26	0.0	30	17.3	15.7	.62	-	.12	8	8	6	0	0	0	0	0	-	0	4	0	6.93	-
Buckingham	Medmenham	9 9	98	21.5	8.9	15.2	-	28.9	26	0.5	31	-	-	.69	-	.20	18	11	6	-	-	-	-	-	-	0	9	-	-	- S
	Aylesbury ...	9 9	316	20.9	10.5	15.7	-	29.5	26	2.8	22	-	-	.98	44	.40	8	8	7	0	0	0	0	0	1	0	4	0	6.54	-
Stafford	Keele	9 9	587	18.6	10.5	14.5	-	25.5	26	5.0	20	15.2	13.5	2.33	76	.97	18	14	9	0	0	0	0	1	0	0	0	0	5.47	-
	Oaken	9 9	409																											
	Stone	9 9	350	19.3	9.4	14.3	-	26.1	26	2.8	20,21,30	-	-	1.81	-	.61	18	10	9	0	0	0	0	0	0	0	2	0	6.27	-
	Penkridge ...	9 9	330	19.5	9.9	14.7	-	27.2	26	2.2	21	-	-	2.02	-	.43	8	11	8	0	0	0	0	1	0	0	3	0	-	-
	Onecote ...	9 9	1350	16.3	8.9	12.6	-	23.9	26	3.3	20	13.1	11.5	2.85	-	.74	18	11	11	0	0	0	0	0	1	0	0	0	5.29	-
Shropshire	Oswestry ...	9 9	570	18.5	10.7	14.6	-	23.3	5	5.5	21	-	-	1.82	-	.32	17	12	11	0	0	0	0	0	0	0	0	0	5.48	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.60	50	.53	17	10	7	-	-	-	-	-	-	-	-	-	5.70	-
	Shrewsbury ...	9 9	184	20.3	10.7	15.5	-0.5	26.7	26	1.1	31	16.5	16.0	1.34	54	.37	18	12	9	0	0	0	0	2	0	0	3	0	5.52	108
	Shawbury ...	21-9	235	20.0	10.0	15.0	-0.7	26.3	26	0.8	31	-	-	1.23	49	.23	8	11	10	0	0	0	0	0	0	0	3	0	5.95	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.16	-
	Newport ...	9 9	211	20.1	9.8	14.9	-0.4	27.2	26	1.7	31	-	-	1.15	45	.33	18	12	7	0	0	0	0	3	0	0	3	0	5.26	102
Worcester	Malvern	9 9	203	20.9	11.5	16.2	-	27.2	5	5.5	20	17.5	15.1	1.14	43	.26	23	10	8	0	0	0	0	1	1	0	0	0	6.05	105
	Worcester ...	9 9	190	21.1	10.9	16.0	-	27.8	5	5.0	30,31	-	-	.75	34	.25	17	8	5	-	0	-	-	-	0	0	0	-	6.28	-
	Pershore Inst. of Hort.	9 9	130	22.8	11.5	17.1	-	27.8	5	3.9	30,31	-	-	1.07	-	.37	15	8	6	-	0	-	-	-	0	0	2	-	7.70	-
	Pershore ...	21-9	114	21.1	10.8	15.9	-	27.3	5	2.9	31	-	-	.95	-	.37	15	9	5	0	0	0	0	0	0	0	5	0	5.87	-
	Halesowen ...	9 9	505	19.7	9.9	15.8	-	27.2	26	2.8	30	16.2	14.1	1.83	-	.67	6	12	8	0	0	0	0	1	0	0	4	0	5.63	-
Hereford	Lyonshall ...	9 9	510																											
	Credenhill ...	9 9	246	20.7	9.5	15.1	-	27.2	26	2.2	30,31	-	-	.58	-	.28	17			-	-	-	-	-	0	0	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	20.6	10.8	15.7	-0.5	26.8	5	2.8	30	16.9	15.7	1.37	58	.43	17	11	11	0	0	0	0	1	0	0	0	0	5.63	102
	Preston Wynne ...	9 9	274	20.5	9.4	14.9	-	27.2	26	1.1	30	-	-	.61	-	.18	17	8	5	0	0	0	0	0	0	0	5	0	5.88	-
Gloucester	Avonmouth ...	9 9	31	20.7	13.3	17.0	-	27.2	4	7.8	20,30	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	0	-	-
	Filton	21-9	192	20.6	11.7	16.1	-0.4	26.0	26	4.2	30	-	-	1.57	53	.52	7	9	6	0	0	0	0	1	0	0	0	0	5.99	-
	Hempsted ...	9 9	39																											
	Gloucester ...	21-9	79	21.6	11.6	16.6	-	27.7	5	3.5	30	-	-	1.04	-	.36	6	11	7	0	0	0	0	0	0	0	0	0	6.21	-
	Cheltenham ...	9 9	214	20.9	11.7	16.3	-0.5	27.8	26	4.5	30	-	-	1.43	62	.48	6	12	8	-	-	-	-	-	-	0	-	-	5.90	-
	Cirencester ...	9 9	443	21.1	10.1	15.6	-	28.3	26	2.8	30	-	-	.62	20	.14	6	9	6	0	0	0	0	0	0	0	3	-	6.85	-
	Little Rissington	21-9	740	19.6	11.2	15.4	-	28.4	26	6.7	30	-	-	.97	38	.23	18	11	8	0	0	0	0	1	1	0	0	0	6.09	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	21.8	12.9	17.3	-0.5	29.5	26	6.7	20	18.7	16.8	1.38	61	.64	18	13	4	0	0	0	0	2	0	0	0	0	-	-
	Hampstead ...	9 9	450	21.3	12.1	16.7	+0.2	29.5	26	6.1	20	-	-	1.37	57	.39	18	16	8	0	0	0	0	3	-	0	0	0	7.11	123
	St. James's Park	9 9	27	22.3	13.3	17.8	-0.1	30.5	26	7.2	20	-	-	1.56	72	.61	18	12	5	0	-	0	0	0	-	0	-	0	-	-
	Regent's Park ...	9 9	129	22.1	12.8	17.5	-	30.0	26	6.7	20	-	-	1.51	-	.58	18	14	7	-	0	-	-	-	0	0	0	0	7.05	125
	Camden Square	9 9	121	22.3	12.5	17.4	-0.6	30.5	26	6.7	20	19.1	19.1	1.48	64	.58	18	12	7	-	0	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.00	123
	Bunhill Row ...	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.94	125
	Greenwich ...	9 9	24	21.9	12.7	17.3	-	30.0	26	6.1	20	-	-	1.75	81	.78	18	9	7	0	0	0	0	3	0	0	0	0	6.83	122
Middlesex	London (Heathrow) Airport	21-9	82	22.3	12.7	17.5	+0.2	30.1	26	6.3	30	-	-	.83	41	.41	18	6	6	0	0	0	0	2	0	0	0	0	6.96	-
	Hampton ...	9 9	39	21.9	12.9	17.4	-	29.5	26	6.7	30	-	-	1.34	-	.46	18	12	8	0	0	0	0	2	0	0	0	0	6.94	-
	Southgate ...	9 9	221	22.1	12.1	17.1	-	30.0	26	6.7	20,21,31	17.0	-	.92	-	.31	17	12	6	0	0	0	0	2	0	0	0	0	6.31	- S
Surrey	Wisley	9 9	150	21.9	11.3	16.6	-0.2	29.5	26	3.9	30	17.9	16.6	1.53	71	.66	18	12	6	0	0	0	0	3	0	0	0	0	6.76	119
	Mickleham ...	9 9	179	21.1	10.9	16.0	-	27.2	3,26	3.9	20,30,31	-	-	1.95	82	.73	18	11	7	0	0	0	0	3	0	0	1	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																														
Surrey	Kew Observatory ¶§	21-9	18	21.6	12.8	17.2	-0.1	28.1	26	6.6	30	17.6	15.9	1.83	82	.88	18	10	8	0	0	0	0	3	0	0	0	0	7.10	117
—cont.	Gatwick ... §	21-9	192	21.2	10.6	15.9	-	27.1	26	2.4	31	-	-	1.78	-	.58	18	10	8	0	0	0	0	1	0	0	0	0	6.89	-
	Waddon ...	9 9	220	21.1	11.6	16.3	-0.8	27.8	26	5.0	31	-	-	1.95	82	.95	18	8	6	-	-	-	-	-	-	0	-	-	-	-
	Addington ...	9 9	474	20.9	12.0	16.5	-0.1	28.3	26	6.1	20,31	-	-	1.74	69	.70	18	13	8	-	-	-	-	-	0	0	-	-	-	-
Kent	Bromley ...	9 9	213	21.1	12.2	16.7	-0.5	27.3	3	5.5	31	-	-	1.00	46	.32	17	10	5	-	-	-	-	-	0	0	-	-	-	-
	Swanley	9 9	177	21.5	11.2	16.3	-	28.9	26	1.7	31	17.3	-	1.26	-	.47	17	9	6	0	0	0	0	2	0	0	1	0	6.42	-
	Dartford ...	9 9	17	22.1	11.8	16.9	-	30.0	26	3.9	31	-	-	1.24	63	.65	17	8	7	0	0	0	0	1	0	0	-	0	-	-
	Tunbridge Wells	9 9	351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Goudhurst ...	9 9	280	21.1	10.7	15.9	-	28.3	26	2.8	31	-	-	1.35	49	.41	17	12	7	0	0	0	0	2	0	0	3	0	-	-
	East Malling ¶§	9 9	122	22.0	11.1	16.5	+0.1	29.4	26	3.9	20,30,31	17.4	16.6	1.26	54	.48	13	9	4	0	0	0	0	1	0	0	0	0	6.69	110
	Gillingham ...	9 9	14	23.0	12.5	17.7	-	31.1	26	5.0	20	-	-	.93	-	.32	17	6	5	0	0	0	0	1	0	0	-	0	6.81	-
	Sittingbourne ...	9 9	224	21.1	11.7	16.4	-	29.4	26	5.0	31	17.4	16.1	1.12	48	.52	17	9	4	0	0	0	0	1	0	0	1	0	6.94	-
	Isle of Grain ...	9 9	9	22.4	13.3	17.9	-	30.5	26	7.7	20	-	-	.65	-	.30	13	6	5	-	0	-	-	-	0	0	0	-	6.60	-
	Faversham ...	9 9	157	21.3	11.7	16.5	-	29.4	26	5.0	30,31	17.6	16.5	1.36	-	.54	17	8	4	0	0	0	0	2	0	0	0	0	6.76	-
	Dungeness ...	21-9	10	19.9	13.5	16.7	0.0	23.5	1	6.5	30	-	-	1.04	51	.24	10	10	7	0	0	0	0	2	0	0	-	0	-	-
	Wye	9 9	185	21.2	11.6	16.4	-0.2	29.4	27	5.6	30	-	-	1.46	58	.46	13	9	9	0	0	0	0	2	0	0	0	0	6.62	105
	Whitstable ...	9 9	9	21.5	13.1	17.3	-	30.0	26	7.2	30	-	-	1.03	54	.31	17	7	4	0	0	0	0	3	0	0	-	0	7.09	-
	Folkestone ...	9 9	128	20.7	13.7	17.2	-	24.5	1	8.9	20	-	16.1	1.10	54	.35	13	8	6	0	0	0	0	3	0	0	0	0	7.32	-
	Elmstone ...	9 9	28	21.3	11.7	16.5	-	28.9	26	4.5	31	-	-	.86	-	.27	13	9	7	-	0	-	-	-	0	0	0	-	-	-
	Herne Bay ...	9 9	21	21.7	13.9	17.8	-	30.0	26	8.3	20	-	-	.46	23	.22	13	4	4	0	0	0	0	0	0	0	-	0	6.95	-
	Dover	9 9	19	20.5	13.9	17.2	+0.2	23.9	25,26	7.8	30	18.6	17.8	1.48	66	.49	13	8	8	0	0	0	0	4	0	0	0	0	6.57	-
	Deal	21-9	18	20.7	13.7	17.2	-	27.9	26	6.4	30	-	-	.57	-	.16	18	8	4	0	0	0	0	4	0	0	0	0	-	-
	Manston ...	21-9	145	21.0	12.8	16.9	-	30.4	26	7.0	20,30	-	-	.61	-	.20	13	7	6	0	0	0	0	1	0	0	0	0	-	-
	Ramsgate ...	9 9	80	20.5	-	-	-	25.5	26,27	-	-	-	-	.75	36	.24	13	8	4	0	0	0	0	1	0	-	-	-	7.38	-
	Margate ...	9 9	51	20.5	14.6	17.5	0.0	30.0	26	10.0	20,30	18.3	16.9	.44	23	.16	13	6	4	0	0	0	0	0	0	0	-	0	7.22	105
Sussex	Thorney Island ...	21-9	10	21.2	12.2	16.7	-	27.8	3	6.9	23,30	-	-	1.71	80	.56	18	8	7	0	0	0	0	3	0	0	0	0	6.60	-
	Bognor Regis ...	9 9	24	19.8	13.3	16.5	-0.3	23.9	2	8.3	23,30	-	16.7	1.78	76	.63	17	8	6	0	0	0	0	1	0	0	0	0	6.88	101
	Fernhurst ...	9 9	188	21.1	10.8	15.9	-	27.2	3	3.9	31	-	-	1.27	-	.36	18	8	7	0	-	0	0	1	-	0	0	0	6.75	-
	Littlehampton ...	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Rustington ...	9 9	10	20.6	11.7	16.1	-	25.0	27	4.4	23	-	15.8	1.11	-	.32	17	11	6	-	0	-	-	-	-	0	-	-	5.98	-
	Worthing ...	9 9	25	20.6	13.8	17.2	0.0	25.6	27	8.9	23	17.6	16.5	1.02	45	.42	17	10	5	0	0	0	0	2	0	0	0	0	6.72	96
	Brighton ...	9 9	32	20.1	14.0	17.1	-	23.9	1,27	8.9	30	-	17.3	1.65	73	.97	17	9	7	0	0	0	0	2	0	0	0	0	6.62	98
	East Grinstead ...	9 9	400		10.9		-	27.8	26	3.3	31	-	16.2	1.97	-	.80	18	10	6	-	0	-	-	-	0	0	-	-	-	-
	Seaford	9 9	45																											
	East Hoathly ...	21-9	130	20.8	11.0	15.9	-	26.8	27	3.1	30	-	-	1.63	-	.62	17	10	4	0	0	0	0	3	0	0	0	0	6.35	-
	Eastbourne ...	9 9	23	20.2	14.1	17.1	0.0	25.6	26	9.4	31	18.4	17.3	1.72	70	.50	7	11	8	0	-	0	0	2	0	0	0	0	7.23	102
	Eastbourne C/Guard	21-9	17	20.8	12.9	16.9	-	26.3	27	6.8	31	-	-	2.16	-	.58	7	12	7	0	0	0	0	2	0	0	0	0	-	-
	Bexhill	9 9	12	19.7	13.6	16.7	-0.1	24.4	27	8.3	30	18.2	-	1.10	49	.30	7	12	8	0	0	0	0	1	0	0	0	0	6.84	102
	Bodiam	9 9	73	21.5	11.0	16.3	-	29.4	27	2.8	31	18.1	16.4	.99	-	.24	17	9	8	0	0	0	0	3	0	0	0	0	6.53	-
	Hastings ¶§	9 9	149	19.9	13.7	16.8	0.0	25.0	27	8.3	31	18.3	17.1	1.44	64	.28	17	11	8	0	0	0	0	2	0	0	0	0	7.11	104
Berkshire	Letcombe Regis	9 9	350	21.1	10.4	15.7	-	29.4	26	2.2	31	-	-	.73	-	.28	9	8	7	0	0	0	0	0	0	0	-	0	-	-
	Abingdon ...	21-9	210	22.3	11.2	16.7	+0.1	30.7	26	4.0	21	-	-	.35	17	.13	18	5	5	0	0	0	0	0	0	0	0	0	6.68	-
	Compton ...	9 9	339	21.2	9.7	15.5	-	28.9	26	2.2	20,30,31	(17.5)	-	.79	-	.43	18	7	4	0	0	0	0	0	-	0	-	0	6.68	-
	Woolhampton ...	9 9	370	21.2	10.5	15.9	-	28.3	26	4.4	30	17.5	-	.56	24	.15	18	9	5	0	0	0	0	1	0	0	0	0	-	-
	Wallingford ...	9 9	157	21.8	9.9	15.9	-	30.0	26	1.1	30	16.7	15.1	.45	-	.13	16	7	4	0	0	0	0	0	-	0	6	0	6.57	-
	Shinfield ...	9 9	200	21.9	11.0	16.5	-0.2	29.4	26	2.8	30	-	-	.59	26	.21	18	8	5	-	0	-	-	-	0	0	3	-	5.88	-
	Reading ...	9 9	148	22.0	11.8	16.9	-0.2	30.0	26	5.6	30	18.1	17.2	.71	32	.18	18	10	6	0	0	0	0	1	0	0	0	0	6.84	-
	Reading S.T.G.	9 9	141	21.8	11.3	16.5	-	30.0	26	4.4	20,31	-	-	.71	34	.18	15	10	7	-	0	-	-	-	0	0	5	-	6.43	-
	Finchampstead ...	9 9	212	21.6	10.2	15.9	-	28.3	26	1.7	30	15.2	14.4	1.10	-	.49	18	9	4	0	0	0	0	1	0	0	9	0	6.76	-
	Hurley	9 9	140	21.5	10.6	16.1	-	29.4	26	3.9	30,31	17.7	-	.73	-	.26	18	9	5	0	0	0	0	0	0	0	0	0	6.91	-
	Bracknell ...	9 9	243	21.4	11.6	16.5	-	28.9	26	4.4	30	17.6	16.5	.72	-	.31	18	9	5	0	0	0	0	1	0	0	0	0	6.90	-
Hampshire	Bournemouth ...	9 9	130	20.7	12.2	16.5	-0.4	26.1	3	6.1	20,30	17.7	16.4	.62	25	.16	6	11	4	0	0	0	0	1	0	0	0	0	7.33	110
	Hurn	21-9	33	21.1	10.6	15.9	-	26.9	3	2.5	30	-	-	1.02	43	.63	18	9	4	0	0	0	0	1	0	0	1	0	-	-
	Christchurch ...	9 9	9		11.7		-	26.1	2,3	3.3	23	-	-	1.36	-	1.00	18	9	7	0	0	0	0	1	1	0	0	0	-	-
	Everton ...	9 9	51	21.0	11.7	16.3	-	26.1	2	4.4	23	-	-	.98	-	.22	18	12	6	0	0	0	0	1	0	0	1	0	7.75	-
	Southampton ¶§	9 9	65	22.1	12.6	17.3	0.0	28.3	3	6.1	30	18.6	17.7	.87	33	.31	18	11	4	0	0	0	0	0	0	0	0	0	6.32	99
	Leckford ...	9 9	385	21.7	10.8	16.3	-	28.3	26	4.4	30	15.9	-	1.15	49	.81	18	5	3	-	0	-	-	-	0	0	-	-	6.96	115
	Winchester ...	9 9	122	21.8	10.2	16.0	-	28.3	3	1.7	30	-	13.6	.63	24	.31	18	4	3	0	0	0	0	0	0	0	-	0	6.76	-
	Martyr Worthy	9 9	275	22.0	10.2	16.1	-	28.3	3	0.0	30	-	-	.69	-	.31	18	7	4	0	0	0	0	1	0	1	-	0	6.57	-
	Southsea ...	9 9	7	21.0	13.5	17.3	-0.4	26.1	3,4	9.4	20,30	18.6	17.4	1.41	65	.43	18	8	6	0	0	0	0	1	0	0	0	0	6.56	97
	Hayling Island ...	9 9	13	20.2	13.3	16.7	-	25.0	3	7.8	30	-	-	1.30	-	.56	18	9	6	0	0	0	0	3	0	0	-	1	6.93	-
	Long Sutton ...	9 9	512	21.1	11.2	16.1	-0.2	27.2	26	5.6	20	17.2	15.3	1.20	49	.37	17	14	6	0	0	0	0	2	0	0	2	0	6.62	111
	Alice Holt Lodge	9 9	378	20.9	10.9	15.9	-	27.2	3,26	5.0	20,30	-	-	1.58	65	.91	18	9	8	0	0	0	0	2	0	0	2	0	6.36	-
	S. Farnborough	21-9	226	21.8	11.2	16.5	-0.2	29.3	26	3.9	30	-	-	1.10	49	.39	18	9	7	0	0	0	0	2	0	0	2	0	6.61	110
I. of Wight	St. Catherine's Pt.	9 9	51	19.1	13.7	16.4	-0.2	22.0	2	8.8	30	-	-	1.16	54	.29	18	10	7	0	-	0	0	1	0	0	-	1	-	-
	Ventnor Park ...	9 9	443	20.1	13.1	16.6	-0.4	25.0	2	8.3	30	18.1	16.1	1.55	65	.42	18	11	9	0	0	0	0	1	0	0	0	0	7.34	105
	Shanklin ...	9 9	180	19.8	12.8	16.3	-	25.6	4	6.7	20	-	-	1.82	-	.57	18	12	9	0	0	0	0	1	0	0	-	1	7.10	-
	Sandown ...	9 9	13	21.0	13.6	17.3	0.0	26.1	27	8.9	23	-	-	1.82	82	.67	18	11	6	0	0	0	0	1	0	0	-	-	6.90	96
	Ryde	9 9	15	20.8	14.0	17.4	0.0	27.2	3	9.4	23,30	-	-	1.63	71	.53	18	9	7	-	0	-	-	-	0	0	-	-	6.87	97
Wiltshire	Lacock	9 9	160					27.8	26			-	-							-	0	-	-	-	0	1	5	-	-	-
	West Lavington	9 9	305	21.0	9.6	15.3	-	28.3	26	0.6	30	-	-	.60	24	.29	7	9	5	0	0	0	0	0	0	0	-	0	-	-
	Lyneham ...	21-9	476	20.3	11.0	15.7	-	27.3	26	5.0	30	-	-	1.46	59	.58	8	11	7	0	0	0	0	0	0	0	2	0	6.96	-
	Chiseldon ...	9 9	510	21.1	10.2	15.7	-	28.9	26	1.7	30	-	-	.67	-	.20	18	7	6	0	0	0	0	0	0	0	4	0	-	-
	Larkhill	9 9	431	20.9	10.6	15.7	-0.2	27.9	26	3.1	30	-	-	.41	18	.16	18	8	3	0	0	0	0	0	0	0	2	0	-	-
	Boscombe Down	21-9	414	21.2	10.8	16.0	-0.1	29.1	26	3.6	30	-	-	.24	10	.10	18	6	3	0	0	0	0	0	0	0	3	0	6.86	116
	Upavon	21-9	578	20.5	11.0	15.7	-	27.9	26	5.2	30	-	-	.52	-	.18	18	7	4	0	0	0	0	0	0	0	0	0	-	-
	Porton ... ¶§	9 9	364	21.2	10.1	15.7	-0.2	27.6	26	1.7	30	16.1	-	.85	37	.70	18	6	3	0	0	0	0	1	0	0	2	0	6.62	108
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43					21.1	12	5.6	21	-	-	3.41	80	.88	5	13	9	-	0	-	-	-	0	0	0	-	5.80	-
	Carlisle	21-9	86	18.4	10.4	14.4	-	23.5	4	2.0	21	-	-	2.95	-	.55	7	18	14	0	0	0	0	2	0	0	0	0	5.46	-
	Newton Rigg ¶§	9 9	560							2.2	20,31	-	-	3.17	95	.56	17	13	13	-	-	-	-	-	1	0	5	-		
	Spadeadam ...	9 9	900	16.1	8.6	12.3	-	21.2	4	1.7	30	13.3	12.4	4.84	-	.96	8	18	16	0	0	0	0	1	3	0	2	2	4.08	-
Westmorland	Ambleside ...	9 9	151	19.0	10.4	14.7	-	23.9	4	2.8	20,22	-	-	5.20	85	1.70	23	16	11	0	0	0	0	0	0	0	-	0	5.08	119

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	11.3	6.5	8.9	-	16.8	4	0.4	19	-	-	-	-	-	-	-	-	-	0	-	-	-	21	0	-	-	2.82	-
—cont.	Moor House ...	9 9	1825	14.2	7.1	10.7	-	19.4	4	7.1	31	11.7	-	7.06	-	1.41	8	18	15	-	0	-	-	-	2	1	7	-	4.50	-
Lancashire	Squires Gate ...	21-9	33	18.6	11.0	14.8	-0.7	22.2	25	3.0	31	-	-	3.57	102	.58	28	13	12	0	0	0	1	1	0	0	1	0	6.10	106
	Urswick	9 9	130	18.9	10.4	14.7	-	22.8	4	5.0	22	-	-	3.58	-	.89	5	16	13	0	0	0	0	1	0	0	-	0	-	-
	Southport ...	9 9	16	18.3	10.5	14.4	-	22.8	25	2.8	21	15.8	13.0	2.72	-	.69	5	11	9	-	0	-	-	-	1	0	0	-	6.35	-
	Poulton-le-Fylde	9 9	38					21.1	6,16,17	5.6	21,22	-	-	3.16	-	.55	5,18,2	13	11	0	0	0	0	0	0	0	-	0	-	-
	Grizedale ...	9 9	300	-	8.7	-	-	-	-	0.0	20	15.3	-	5.92	-	1.47	23	14	13	0	0	0	0	0	0	0	1	0	-	-
	Speke	21-9	80	19.5	12.1	15.8	-	25.7	5	6.5	31	-	-	1.89	61	.43	18	11	10	0	0	0	0	2	0	0	0	0	5.76	-
	Kirkham ...	9 9	78	19.0	10.3	14.7	-	22.8	5,25	2.2	20	-	-	2.86	74	.58	5	12	10	0	0	0	0	2	0	0	5	0	6.43	-
	Garstang ...	9 9	68	18.2	10.5	14.3	-	22.2	5,25	2.8	20	-	-	3.26	-	.65	18	12	11	-	0	-	-	-	0	0	0	-	5.66	-
	Morecambe ...	9 9	24	18.5	11.8	15.1	-0.8	21.7	14	5.6	20,21	-	-	4.36	111	.91	23	13	11	0	0	0	0	0	0	0	-	0	6.50	117
	Preston	9 9	108	18.9	10.7	14.8	-	24.4	25	2.8	20	-	-	4.23	102	.85	6	14	11	0	0	0	1	2	0	0	1	0	-	-
	Stonyhurst ¶§	9 9	377	18.5	10.4	14.5	-0.6	23.3	25	3.3	20	-	-	2.75	56	.57	23	11	10	-	0	-	-	-	0	0	0	-	5.59	113
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.57	-
	Helmshore ...	9 9	854	17.2	10.1	13.7	-	22.2	5,6,26	4.4	20,21	14.0	-	3.85	64	.81	18	15	13	-	0	-	-	-	0	0	0	-	5.30	-
	Burnley	9 9	655	17.8	10.1	13.9	-	22.8	25	2.2	20	14.3	12.7	3.01	-	.90	18	14	12	0	0	0	0	0	0	0	0	0	5.33	-
	Nelson	9 9	540	17.7	10.2	13.9	-	23.3	25	3.3	20,21	15.3	13.2	2.51	57	.65	18	12	11	-	0	-	-	-	0	0	1	-	5.41	-
	Rochdale ...	9 9	362	18.7	9.6	14.1	-	24.4	26	1.1	20	-	-	4.16	-	.95	18	14	11	0	0	0	0	3	0	0	0	0	-	-
Cheshire	Bidston Obs'y. ¶§	9 9	198	18.1	12.6	15.3	-0.3	24.4	25	8.3	31	-	-	1.98	63	.67	18	10	8	-	-	-	-	-	0	0	0	-	6.08	112
	Winnington ...	9 9	65	19.9	11.9	15.9	-	26.7	26	5.0	21	-	-	2.47	80	.88	18	12	11	0	0	0	0	0	0	0	0	0	-	-
	Knutsford ...	9 9	212	19.9	10.7	15.3	-	26.7	26	3.9	20	17.2	15.8	2.68	-	1.14	18	13	10	-	0	-	-	-	0	0	1	-	-	-
	Ringway ¶§	21-9	248	19.3	11.3	15.3	-0.4	25.0	26	4.8	20	-	-	2.83	89	1.33	18	13	10	0	0	0	0	2	0	0	0	0	-	-
	Macclesfield ...	9 9	500	18.7	10.8	14.7	-0.8	26.1	26	5.0	20	-	-	3.07	86	1.24	18	12	11	0	0	0	0	1	0	0	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	18.6	11.8	15.2	-0.6	23.3	25	4.4	31	-	-	2.14	87	.55	5	14	12	0	0	0	0	0	0	0	0	0	6.20	114
	Prestatyn ...	9 9	12	18.7	12.2	15.5	-	24.4	25	4.4	31	-	-	2.10	77	.56	5	14	10	0	0	0	0	0	0	0	-	0	5.41	104
	Hawarden Bridge	9 9	17	20.1				26.1	26	2.2	31	-	-	1.87	70	.81	18	13	8	0	0	0	0	1	0	0	-	0	-	-
Anglesey	Valley	21-9	33	18.0	11.9	14.9	-0.6	22.1	12	5.4	20	-	-	3.27	113	.92	5	12	10	0	0	0	0	0	0	0	0	1	6.43	109
Denbigh	Colwyn Bay ...	9 9	118	18.3	12.5	15.4	-0.5	22.2	25	7.8	21,31	16.1	-	2.06	80	.57	5	12	9	0	0	0	0	0	0	0	-	0	6.21	-
	Alwen	9 9	1100	16.6	8.3	12.5	-	20.6	25,26	-0.6	31	-	-	4.40	-	1.06	18	16	13	-	-	-	-	-	-	2	3	-	-	-
	Ruthin	9 9	248	18.8	10.1	14.5	-	24.4	26	2.2	21,31	-	-	1.54	-	.25	18	12	9	-	0	-	-	-	0	0	0	-	5.61	-
	Loggerheads ...	9 9	690	17.9	9.6	13.7	-	23.9	26	1.1	21	14.4	13.8	2.15	-	.86	18	12	9	0	0	0	0	0	1	0	0	0	-	-
	Bwlchgwyn ...	9 9	1267	15.9	9.4	12.7	-	21.7	26	3.9	31	13.0	-	2.67	-	.61	18	16	10	0	0	0	0	0	1	0	3	0	-	-
	Wrexham ...	9 9	275	19.6	10.6	15.1	-	26.1	5	3.3	31	15.2	14.2	1.66	-	.70	18	12	8	0	0	0	0	0	0	0	3	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	17.1	12.8	14.9	-	20.1	3	8.7	20	-	-	2.82	-	1.01	5	10	6	-	0	-	-	-	1	0	0	-	-	-
	Botwnnog ...	9 9	112	18.3	11.5	14.9	-	20.6	4	5.0	20,30	16.8	15.4	2.55	-	1.00	5	9	6	0	0	0	0	1	0	0	0	0	6.31	-
	Bryn Adda ...	9 9	275	18.7	11.1	14.9	-	22.2	5	5.0	21	-	-	4.93	-	1.04	6	15	13	0	0	0	0	0	0	0	0	0	6.15	-
	Cwm Dyli ...	9 9	324	17.8	11.0	14.4	-	22.2	4	2.8	22	15.4	-	11.54	-	2.70	18	19	15	-	0	-	-	-	0	0	3	-	-	-
	Aber	9 9	60		11.5			22.8	5	5.6	21	-	-	4.56	126	1.30	5	19	13	0	0	-	-	-	0	0	0	-		
	Llandudno ¶§	9 9	13																											
Merioneth	Llyn Stwlan ...	9 9	1656	13.8	-	-	-	16.7	4	-	-	-	-	10.03	-	2.70	5	18	16	-	0	0	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corwen	9 9	473	18.6	8.3	13.5	-	23.3	25,26	-0.6	31	-	-	1.87	-	.28	10	15	9	0	0	0	0	0	-	1	4	0	-	-
Montgomery	Ceinws	9 9	200	19.8	9.5	14.7	-	23.9	4,5	0.6	22	-	-	5.91	-	1.44	23	14	13	0	-	-	-	-	0	0	4	-	-	-
	Lake Vyrnwy ...	9 9	995	17.7	9.3	13.5	-	21.7	4,5,25	2.8	22	14.7	-	2.96	58	.61	23	14	11	0	0	0	0	0	0	0	5	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	17.7	12.0	14.9	-0.2	21.2	25	5.5	21	-	-	1.80	54	.59	17	9	7	0	0	0	0	0	1	0	1	0	6.32	-
	Aberystwyth ...	9 9	12	19.3	9.3	14.3	-1.6	23.9	26	7.2	21	-	-	1.82	-	.70	6	10	10	-	0	-	-	-	0	0	-	-	7.15	130
	" P.B.S.*	9 9	452	18.2	11.0	14.6	-0.6	24.4	27	4.4	30	-	-	3.09	72	.49	6	14	12	0	0	1	0	0	7	0	1	0	5.66	107
	Gogerddan ...	9 9	103	18.6	10.8	14.7	-	22.8	25,26	2.8	21,22	-	-	2.85	75	.47	6	15	12	0	0	0	0	0	0	0	1	0	6.30	-
	Swyddffynnon ...	9 9	540				-	23.9	4,5			-	-	4.84	-	1.12	7	13	11	-	0	-	-	-	-	0	3	-	5.77	-
	Trawscoed ...	9 9	200	18.8	10.3	14.5	-	22.2	4,25	1.1	30	14.4	-	4.16	93	1.08	18	14	12	0	0	0	0	0	2	0	1	0	6.24	-
	Llety-evan-hen ...	9 9	950	16.6	10.8	13.7	-	20.6	25	5.0	30	-	-	4.77	-	.73	7	18	14	0	0	0	0	0	1	0	0	0	5.63	120
	Cwmystwyth ...	9 9	989	17.2	9.4	13.3	-	21.1	4	1.1	22,30	-	-	7.11	-	1.30	6	14	14	0	0	0	0	0	-	0	-	0	-	- S
Pembroke	Dale Fort ...	9 9	109	18.7	12.8	15.7	-	24.4	4	7.8	30	17.1	-	1.29	-	.55	16	7	5	0	0	0	0	0	0	0	0	1	7.00	-
	Brawdy	9 9	360	17.6	11.6	14.6	-	21.7	4	5.6	21	-	-	2.02	-	.59	23	11	5	0	0	0	0	0	1	0	0	1	5.75	-
	Haverfordwest ...	9 9	131	19.4	11.0	15.2	-0.4	26.1	4	2.2	30	-	-	2.17	56	.67	17	6	6	0	0	0	0	0	0	0	-	0	-	-
Carmarthen	Carmarthen ...	9 9	50	19.9	10.1	15.0	-	25.0	4,5	1.7	22	17.6	16.2	2.59	-	.63	16	14	12	0	0	0	0	0	0	0	0	0	6.48	-
Radnor	Llandrindod Wells ¶§	9 9	772	19.5	9.5	14.5	-0.4	25.0	5	0.0	30	14.9	-	1.67	53	.54	17	13	8	0	0	0	0	0	0	1	-	0	5.38	106
Brecknock	Llwynon ...	9 9	860	18.3	9.6	13.9	-	23.9	4	2.2	30	-	-	3.16	-	.72	23	13	11	0	0	0	0	0	1	0	-	0	-	- S
Glamorgan	Mumbles Head ...	21-9	117	18.6	13.3	15.9	-	24.0	4	8.2	30	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	3	-	-
	Swansea ...	9 9	27	19.7	13.0	16.3	-0.7	24.4	4	6.7	30	18.6	17.3	1.99	51	.54	23	13	11	0	0	0	0	0	0	0	-	1	6.03	103
	Port Talbot ...	9 9	24	20.6	12.6	16.6	-	25.0	5,25	3.9	30	-	-	2.76	-	.68	16	11	10	0	0	0	0	1	0	0	0	-	5.02	- S
	Neath	9 9	202	19.3	11.9	15.6	-	24.4	4	4.4	30	-	-	2.75	-	.65	23	12	11	0	0	0	0	1	0	0	0	0	-	-
	Rhoose	21-9	220	19.4	11.4	15.4	-	24.3	5	3.6	30	-	-	2.13	·61	.54	7	10	9	0	0	0	0	1	0	0	1	0	6.98	-
	Cardiff ... ¶§	9 9	202	20.4	11.9	16.1	-0.4	25.6	5	5.6	20	17.6	15.8	2.23	58	.48	23	11	10	0	-	0	0	1	0	0	-	-	6.73	112
Monmouth	Tredegar ...	9 9	1028	18.3	9.7	14.0	-	23.9	5	2.2	30	-	-	2.28	-	.90	17	11	9	0	0	0	0	0	1	0	1	0	5.88	- S
	Newport ...	9 9	75	20.6	11.3	15.9	-0.6	26.1	5	5.0	20,30	-	-	1.94	52	.47	23	11	10	0	0	0	0	1	0	0	0	0	7.15	-
	Usk	9 9	70	20.4	9.7	15.1	-	25.6	5	1.1	30	14.5	-	1.59	46	.39	17	9	8	0	0	0	0	0	0	0	1	0	6.13	-
	Crumbland Plantation	9 9	804	18.8	10.7	14.7	-	24.4	5	5.6	20,30	15.8	14.7	1.80	-	.68	17	10	9	0	0	0	0	0	2	0	2	0	6.78	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	17.0	10.1	13.5	-	23.3	5	3.9	30	-	-	2.83	-	.57	17	16	8	-	0	-	-	-	1	0	1	-	6.14	-
	Cannington ...	9 9	95	21.2	12.1	16.7	-	27.2	5	5.0	20,30	17.1	-	1.39	49	.42	7,17	7	7	-	-	-	-	-	0	0	-	-	6.91	111
	Weston-s.-Mare	9 9	28	20.6	12.8	16.7	-0.2	25.6	4	6.7	30	-	-	2.09	60	.84	6	10	5	0	0	0	0	0	0	0	0	0	6.93	113
	Long Ashton ¶§	9 9	162	20.4	11.1	15.7	-0.6	26.1	5,26	3.9	30	17.6	-	1.64	46	.49	7	10	8	0	0	0	0	0	0	0	5	0	6.94	118
	Wincanton ...	9 9	375	20.2	10.7	15.5	-	27.2	26	4.4	20	-	-	.75	-	.21	7	10	5	0	0	0	0	0	1	0	1	0	-	-
	Bath City Boys' School	9 9	388	20.8	11.4	15.9	-	27.2	26	5.0	30	16.9	-	.81	-	.24	6	7	5	0	0	0	0	0	0	0	-	0	6.33	-
Dorset	Lyme Regis ...	9 9	200	20.2	11.5	15.9	-	25.0	27	5.0	20	-	-	.71	-	.26	7	9	5	0	0	0	0	0	0	0	0	0	5.95	- S
	Portland Bill ...	21-9	35	19.6	13.9	16.7	+0.3	22.9	26	9.1	30	-	-	.28	15	.09	8	6	4	0	0	0	0	0	0	0	-	4	-	-
	Weymouth ...	9 9	16	21.2	12.8	17.0	-0.1	26.1	2,4,5	7.2	20,23	-	-	.43	20	.11	8	7	6	-	0	-	-	-	0	0	-	-	7.39	107
	Winfrith ...	9 9	85	20.7	9.9	15.3	-	25.6	2	1.7	20	-	-	.27	-	.06	17,28	9	4	-	0	-	-	-	0	0	-	-	-	-
	Shaftesbury ...	9 9	680	20.1	10.6	15.3	-0.3	25.6	3,4,5	5.6	20	-	-	.84	30	.34	18	8	6	-	0	-	-	-	0	0	-	-	-	-
	Swanage ...	9 9	37	20.9	12.9	16.9	-	27.2	2	7.8	30	-	17.1	.50	-	.17	18	10	4	0	-	0	0	0	1	0	0	1	7.28	104
	Poole	9 9	18	21.2	11.1	16.1	-	25.6	3,4	4.4	20	-	-	.59	-	.25	9	10	4	0	0	0	0	0	0	0	-	0	7.08	105

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b	ENGLAND, S.W.—cont.																													
Devon	Clawton	9 9	412	19.8	8.0	13.9	-	25.6	4	-0.6	30	-	-	2.33	-	.63	7	15	9	0	0	0	0	0	-	1	-	0	-	-
	Hartland Point ...	21-9	298	17.6	13.4	15.5	-	22.6	25	9.4	20	-	-	1.19	-	.35	7	11	5	0	0	0	0	1	0	0	0	3	6.67	107
	Mount Batten ...	21-9	87	19.2	12.4	15.8	-0.4	24.4	4	6.7	20	-	-	1.32	46	.43	17	10	7	0	0	0	0	1	0	0	0	0	6.53	102
	Plymouth, The Hoe	9 9	119	19.7	12.6	16.1	-0.5	23.9	4	7.8	20,30	17.4	16.4	1.19	41	.30	17	9	7	0	0	0	0	0	0	0	0	1	6.25	98
	Tavistock ...	9 9	457	-	11.1	-	-	-	-	5.0	20,23	-	9.1	2.60	-	.61	16	12	8	0	0	0	0	0	0	0	3	0	-	-
	Chivenor ...	21-9	20	19.9	12.0	15.9	-	25.4	25	5.0	30	-	-	1.54	-	.41	7	12	8	0	0	0	0	0	0	0	0	0	6.21	-
	Ilfracombe ...	9 9	25																											
	Totnes	9 9	120	20.4	10.1	15.3	-	25.6	5	3.3	23,30	17.2	15.4	2.48	71	.90	7	9	6	0	0	0	1	1	0	0	5	0	6.49	-
	Slapton	9 9	104	19.9	11.9	15.9	-	25.0	5	6.1	20	-	-	1.38	-	.70	16	9	5	-	-	-	-	-	1	0	0	-	-	-
	Newton Abbot ...	9 9	272	20.1	11.1	15.6	-0.7	25.6	5	5.6	20,23,30	-	-	1.87	64	.72	16	7	6	0	0	0	0	0	0	0	0	0	6.67	110
	Paignton ...	9 9	8	20.4	12.6	16.5	-	25.6	5	7.2	20	-	-	2.18	74	.75	16	10	8	0	0	0	0	1	-	0	-	0	7.44	113
	Torquay ...	9 9	26	20.1	12.7	16.4	-0.2	23.9	1,3,5	7.2	30	-	17.6	1.96	74	.79	16	11	7	0	0	0	0	1	0	0	0	0	7.36	108
	Teignmouth ¶§	9 9	20	20.2	12.9	16.5	-0.4	24.4	3	6.7	30	-	-	2.05	83	.79	16	9	5	0	0	0	0	1	0	0	-	0	7.09	107
	Starcross ...	9 9	29	20.2	11.2	15.7	-	25.0	3	4.4	30	17.3	-	1.78	66	.80	16	9	8	0	0	0	0	0	-	0	0	0	6.55	-
	Exeter, Southam	9 9	160	20.3	11.2	15.7	-	26.7	5	4.4	31	-	-	2.13	-	.60	16	6	6	0	0	0	0	0	0	0	-	0	-	-
	Exmouth ...	9 9	195	19.4	12.1	15.7	-0.4	25.0	3	7.2	21,30	-	-	1.34	50	.56	16	9	7	0	0	0	0	0	0	0	-	0	6.17	96
	Exeter	21-9	106	20.4	11.3	15.9	-	26.6	5	3.1	30	-	-	2.24	83	.65	16	9	7	0	0	0	0	0	0	0	0	0	5.68	-
	Sidmouth ...	9 9	25	19.5	12.4	15.9	-0.3	22.8	27	6.1	30	-	-	1.38	-	.53	7	9	8	-	0	-	-	-	0	0	0	-	6.78	110
Cornwall	St. Mary's, Scilly	21-9	158	19.5	13.6	16.5	0.0	23.3	5	9.7	20	-	-	1.24	49	.41	16	10	7	0	0	0	0	0	1	0	-	2	7.26	108
	Penzance ...	9 9	62	19.2	12.8	16.0	-0.6	22.8	5	6.7	20	-	-	1.34	45	.60	16	8	5	0	0	0	0	0	0	0	-	2	6.69	101
	Gulval	9 9	50	19.3	13.0	16.1	-0.3	23.3	5	7.2	20	-	-	1.53	54	.53	16	10	7	0	0	-	-	-	0	0	0	-	6.67	104
	Culdrose ...	9 9	268	18.6	12.0	15.3	-	22.8	25	6.1	20,30	-	-	.38	-	.52	16	7	6	0	0	0	0	0	1	0	0	0	6.54	-
	Rosewarne ...	9 9	250	18.6	12.3	15.5	-	22.8	4	6.7	20,31	16.4	15.8	1.16	42	.45	16	9	5	0	0	-	-	-	0	0	0	-	6.38	-
	Lizard	9 9	240	19.0	12.7	15.9	-0.2	21.4	5,12	8.4	22	-	-	.78	33	.32	17	6	4	0	-	0	0	0	-	0	0	1	7.44	-
	Falmouth ¶§	9 9	167	18.8	12.3	15.5	-1.0	22.2	5	6.7	20	-	-	1.68	55	.57	17	8	8	0	0	0	0	0	0	0	0	0	6.45	100
	Newquay ...	9 9	176	18.8	12.8	15.8	-0.3	23.3	4,26	6.1	30	-	-	.70	26	.26	16	11	4	0	-	0	0	0	-	0	-	0	6.52	103
	St. Mawgan ...	21-9	337	18.6	12.5	15.5	-	22.6	4	7.2	30	-	-	1.03	-	.33	16	12	7	0	0	0	0	0	0	0	0	0	6.43	-
	St. Austell ...	9 9	310	19.4	12.5	15.9	-	23.9	5	7.8	30	-	-	1.44	40	.42	17	10	7	0	0	0	0	0	0	0	-	0	-	-
	Fowey	9 9	51	20.0	12.7	16.3	-0.2	22.8	5	7.2	30	-	-	1.24	-	.45	16	8	6	0	0	0	0	0	0	0	-	0	-	-
	Bude	9 9	50	18.9	11.3	15.1	-0.8	23.9	25	3.9	22,30	15.3	-	1.51	54	.34	7	13	9	-	0	-	-	-	-	0	-	-	5.59	93
	Ellbridge ...	9 9	190	20.1	11.2	15.7	-0.4	24.4	4	4.4	23,30	-	-	1.74	54	.46	17	11	8	0	0	0	0	0	0	0	0	0	6.58	109
9	NORTHERN IRELAND																													
Londonderry	Loughermore Forest	9 9	570	16.9	8.6	12.7	-	21.1	4	-1.1	21	-	-	4.75	-	1.00	26	24	17	0	0	0	0	0	0	1	4	0	-	-
	Ballykelly ¶§	21-9	6	17.7	10.4	14.1	-0.6	22.1	4	0.4	21	-	-	3.73	107	.71	26	21	17	0	0	0	0	0	0	0	1	0	4.68	101
	Derrynoyd Forest	9 9	290	(18.2)	(9.4)	(13.8)	-	(22.8)	4	(1.1)	21	-	-	4.34	-	.92	17	19	18	0	0	0	0	0	0	0	3	0	-	-
	Somerset Forest	9 9	140	17.6	9.9	13.7	-	22.2	4	1.7	31	-	-	4.47	-	.95	7	19	16	0	0	0	0	0	1	0	2	0	-	-
	Garvagh Forest	9 9	290	17.5	9.4	13.5	-	22.8	4	1.1	31	-	-	4.53	-	.64	7	23	19	0	0	0	0	1	0	0	3	0	-	-
	Moneydig ¶	21-9	112	18.0	9.7	13.9	-1.0	24.2	4	0.1	21	16.9	-	6.40	160	1.81	7	22	17	0	0	0	0	1	0	0	3	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	3.95	-	1.19	26	19	17	-	-	-	-	-	-	-	-	-	5.21	-
	Lisnafillan ...	9 9	124	18.1	9.7	13.9	-	22.8	3,4	-0.6	21	-	-	2.89	-	.47	16	17	16	0	0	0	0	0	0	1	2	0	4.65	-
	Aldergrove ¶§	21-9	225	18.0	10.5	14.3	-0.2	24.2	4	3.5	21	15.5	13.4	2.89	-	.62	17	18	13	0	0	0	0	1	0	0	2	0	4.45	102
	Greenmount ...	9 9	105	18.2	10.3	14.3	-	23.3	3,4	0.6	21	15.9	-	2.60	-	.49	17	21	15	0	0	0	0	0	-	0	2	-	-	-
	Black Mountain	21-9	969	15.8	9.4	12.6	-	21.2	4	3.6	21	-	-	4.54	-	1.29	17	20	16	0	0	0	0	0	7	0	-	0	-	-
	Ballypatrick Forest	9 9	500	15.9	9.4	12.7	-	21.1	4	2.2	31	-	-	4.23	-	.71	17	21	18	0	0	0	0	0	3	0	2	0	-	-
	Larne	9 9	140	17.8	10.3	14.1	-	22.8	3	3.9	20,21,31	-	-	3.32	-	.83	17	20	16	0	0	0	0	0	1	0	-	0	-	-
	Kilroot	9 9	71	17.3	10.5	13.9	-	22.2	4	4.4	20,21,31	-	-	3.22	-	.84	16	16	15	0	0	0	0	0	3	0	0	0	-	-
Down	Newry Abbey ...	9 9	32	18.7	10.3	14.5	-	23.3	3	1.7	31	-	-	3.24	-	.95	16	15	11	0	0	0	0	0	1	0	-	0	-	-
	Hillsborough §	9 9	379	17.6	10.2	13.9	-0.3	22.2	4	3.3	21	14.4	-	3.28	100	.91	17	16	11	0	0	0	0	1	0	0	2	0	4.51	104
	Kilkeel	21-9	58	17.3	10.7	14.0	-	23.2	3	3.5	20	-	-	3.12	-	1.62	17	16	8	0	0	0	0	0	0	0	0	0	5.74	-
	Tollymore Park	9 9	249	17.7	10.7	14.2	-	23.9	4	3.9	21	-	-	6.41	-	2.80	17	17	11	0	0	0	0	0	2	0	2	0	-	-
	Stormont Castle	9 9	185	18.3	10.7	14.5	-	23.3	3	5.0	20	15.8	14.4	3.74	-	1.07	17	17	14	0	0	0	0	2	2	0	0	0	4.47	-
	Crossgar ...	9 9	119	18.3	10.3	14.3	-	23.9	3	1.7	20	-	-	3.75	-	1.42	17	17	10	0	0	0	0	0	1	0	2	0	-	-
	Creighton's Green	9 9	391	-	-	-	-	-	-	-	-	-	-	4.33	-	1.48	17	16	12	-	-	-	-	-	-	-	-	-	-	-
	Helen's Bay ...	9 9	140	17.8	11.2	14.5	-	23.9	4	6.1	20	-	-	4.16	-	1.11	17	19	16	0	0	0	0	0	1	0	0	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	17.0	10.6	13.8	-	22.5	3	4.7	20	-	-	3.93	-	1.30	17	12	9	0	0	0	0	1	2	0	0	1	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.41	-
Armagh	Armagh ¶§	9 9	202	18.6	10.4	14.5	-0.4	24.4	4	2.8	31	16.9	15.9	3.80	112	1.53	7	16	13	0	0	0	0	1	0	0	0	1	4.73	110
	Loughgall ...	9 9	92	18.2	10.0	14.1	-	23.3	4	1.1	31	-	-	2.30	-	.56	16	17	14	0	0	0	0	1	0	0	4	0	4.75	-
	Glenanne ...	21-9	438	17.9	10.5	14.2	-	22.5	4	5.5	21,31	-	-	3.67	-	1.50	17	21	10	0	0	0	0	0	1	0	2	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	3.69	96	.95	17	19	13	-	-	-	-	-	-	-	-	-	4.65	101
Tyrone	Lough Bradan ...	9 9	554	16.9	7.3	12.1	-	21.7	4	0.0	21	-	-	5.23	-	1.50	16	25	19	-	-	-	-	-	0	0	2	0	4.05	-
	Baronscourt Forest	9 9	290	17.8	9.2	13.5	-	22.2	4,15	-0.6	21	-	-	4.34	-	.86	26	16	15	0	0	0	0	1	1	2	5	0	-	-
	Carrigans ...	21-9	371	17.7	9.5	13.6	-	22.0	14	0.7	21	-	-	5.34	-	1.35	26	21	19	0	0	1	0	2	0	0	2	0	-	-
	Lislap Forest ...	9 9	685	16.9	8.3	12.6	-	21.1	11	1.7	21	15.3	-	5.76	122	1.27	26	23	18	0	0	2	0	1	0	0	3	0	-	-
	Knockmany Forest	9 9	239	17.6	9.3	13.5	-	22.8	4	0.6	20,30,31	-	-	3.95	-	1.00	16	20	16	0	0	0	0	0	0	0	4	0	-	-
	Pomeroy Forest	9 9	540	17.5	9.6	13.5	-	22.8	4	3.3	21,30,31	15.2	-	3.38	-	.86	16	20	13	0	0	0	0	1	0	0	4	0	-	-
	Cookstown ...	9 9	253	17.8	9.7	13.7	-	22.2	4	-0.6	21	15.4	-	4.13	-	.89	16	19	15	-	-	-	-	-	-	1	1	-	-	-
Fermanagh	Roscor	9 9	470	17.1	10.1	13.6	-	21.7	4	3.9	21	-	-	5.79	122	1.18	16	23	20	-	-	-	-	-	1	0	4	0	-	-
	Lough Navar Forest	9 9	485	17.3	9.8	13.5	-	22.8	4	2.2	21	-	-	5.99	-	1.45	16	22	19	0	0	0	0	0	1	0	3	0	-	-
	Ely Lodge ...	21-9	210	17.6	10.5	14.1	-	22.4	4	4.0	30	15.7	13.9	5.23	-	1.24	26	21	16	0	0	0	0	1	0	0	3	0	4.12	-
	Castle Archdale Forest ¶§	9 9	215	17.5	9.8	13.7	-0.8	21.7	4	1.7	21	15.2	-	5.37	-	1.17	16	25	19	0	0	0	0	0	1	0	1	0	4.49	101
	Pubble Forest ...	9 9	290	17.7	9.1	13.4	-	22.2	4	0.0	21,30	-	-	5.04	-	1.22	16	20	17	0	0	0	0	0	0	0	4	0	-	-
	CHANNEL ISLES																													
Guernsey	States Airport ...	21-9	340	19.3	13.6	16.5	+0.1	26.2	26	10.7	23	17.7	16.7	.91	38	.30	7	11	5	0	0	0	0	0	0	0	0	0	7.71	-
Alderney	States Airport ...	9 9	288	18.7	13.4	16.1	-	25.0	25	10.6	20	16.9	-	.44	-	.14	17	6	5	0	0	0	0	0	1	0	-	0	7.63	-
Jersey	Jersey Airport ...	9 9	273	20.0	13.7	16.9	-	28.0	26	10.0	20	-	-	.57	23	.24	7	7	4	0	0	0	0	0	0	0	0	2	7.83	-
	St. Helier ...	9 9	28	21.1	14.8	17.9	-0.2	29.4	26	11.1	20,21,23	-	-	.55	24	.34	7	5	3	0	0	0	0	0	0	0	-	0	8.05	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8.38	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. § *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount: No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more (Speed in knots: 34 or more)	6, 7 (22 to 33)	4, 5 (11 to 21)	1 to 3 (1 to 10)	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																															
0 SCOTLAND. N.																																							
Zetland — Lerwick Observatory H	3	273	1011.7	-	8.9	0.7	10.4	91	6.4	0	4	2	12	10	3	0	2	1	0	0	0	6	2	9	11	0	3	7	17	4	3	4	2	1	4	3	6	4
	9	273	1012.0	+1.5	10.4	1.2	10.7	85	7.0	0	0	5	10	15	1	0	1	0	0	0	0	7	8	4	11	2	2	13	10	4	3	5	1	4	2	3	4	5
	15	273	1012.4	-	11.2	1.6	10.8	80	6.9	0	0	5	10	14	2	0	2	0	0	1	1	3	5	8	11	1	7	8	15	0	2	5	2	3	4	1	7	7
	21	273	1013.1	-	9.3	0.9	10.4	88	6.8	0	2	2	12	12	3	0	2	0	1	0	0	8	2	9	9	0	4	7	17	3	7	4	2	1	2	2	3	7
Orkney — Kirkwall H	3	36	1012.2	-	9.9	0.6	11.3	91	6.8	0	3	1	13	14	0	0	0	0	0	0	3	5	3	13	7	1	1	12	12	5	2	2	3	1	6	2	6	4
	9	36	1012.5	-	11.4	1.1	11.8	87	7.1	0	1	3	11	16	0	0	0	0	0	0	0	10	4	4	13	2	3	11	14	1	4	3	5	3	1	6	3	5
	15	36	1013.0	-	12.4	1.5	11.9	82	6.6	0	1	6	11	13	0	0	0	0	0	0	1	4	5	7	14	0	5	9	16	1	5	6	5	1	2	1	5	5
	21	36	1013.6	-	10.3	0.7	11.4	91	6.7	0	2	4	12	12	1	0	0	0	1	0	1	7	3	6	13	1	1	9	17	3	4	3	3	2	5	2	3	6
Caithness — Wick H	3	121	1012.3	-	10.0	0.7	11.3	91	6.9	0	1	4	11	14	1	0	1	0	0	3	0	6	4	10	7	0	1	12	14	4	1	3	4	0	4	3	6	6
	9	121	1012.6	+1.7	12.0	1.3	12.0	85	6.8	0	1	3	15	12	0	0	0	0	0	0	2	5	4	9	11	1	2	16	12	0	2	5	3	2	3	2	8	6
	15	121	1012.8	-	13.0	1.8	12.0	80	6.6	0	2	4	13	10	2	0	0	2	0	0	2	2	7	3	15	0	4	16	11	0	5	3	4	4	3	1	6	5
	21	121	1013.7	-	10.4	0.6	11.7	92	6.5	0	3	3	14	11	0	0	0	0	0	0	0	9	8	6	8	0	2	11	15	3	1	4	3	2	4	3	3	8
Sutherland — Cape Wrath	3	371	1011.7	-	10.2	0.9	11.0	88	6.7	0	3	4	6	13	5	0	4	1	0	1	0	3	1	2	19	0	6	9	11	5	0	2	9	0	0	8	5	2
	9	371	1012.1	-	10.5	1.1	11.0	86	7.3	0	0	2	11	11	7	0	5	0	2	0	1	4	0	0	19	0	7	11	6	7	1	0	9	0	0	8	4	2
	15	371	1012.7	-	11.0	1.1	11.4	86	7.0	0	0	4	9	13	5	0	3	0	2	0	1	6	2	1	16	0	6	12	9	4	2	3	10	0	0	5	6	1
	21	371	1013.3	-	10.6	1.0	11.2	87	6.8	0	0	7	8	11	5	0	3	0	2	0	0	5	0	3	18	0	3	12	13	3	1	2	10	1	1	6	3	4
Ross & Cromarty — Stornoway H	3	16	1013.0	-	9.9	0.5	11.5	93	5.4	2	7	1	10	11	0	0	0	0	1	0	2	5	7	11	5	0	4	9	13	5	5	7	0	0	4	7	2	1
	9	16	1013.5	+3.0	11.8	1.2	12.0	86	6.5	0	3	2	14	12	0	0	0	0	0	0	1	5	8	9	8	2	1	15	13	0	4	7	3	2	3	3	6	3
	15	16	1013.8	-	12.9	1.7	12.0	81	6.2	0	2	9	8	12	0	0	0	0	0	0	3	3	5	10	10	1	2	18	10	0	3	11	2	2	3	3	3	4
	21	16	1014.2	-	10.6	0.7	11.8	92	5.6	0	8	2	11	10	0	0	0	0	0	0	0	10	7	7	7	1	3	9	16	2	5	6	3	1	5	2	3	4
Inverness — Benbecula H	3	21	1012.9	-	10.7	0.7	11.9	92	5.5	3	4	4	9	11	0	0	0	0	1	1	1	8	3	10	7	0	2	15	14	0	8	7	2	2	3	3	5	1
	9	21	1013.3	-	12.3	1.1	12.4	86	6.1	0	5	4	10	11	1	0	0	0	2	1	0	3	7	4	14	0	2	13	16	0	4	7	2	1	3	6	5	3
	15	21	1013.7	-	13.7	1.8	12.6	80	5.6	1	3	7	10	10	0	0	0	0	0	0	2	2	6	6	14	0	5	12	14	0	5	4	4	0	5	4	5	4
	21	21	1014.0	-	11.3	0.9	12.0	89	5.6	1	6	4	10	10	0	0	0	0	0	2	1	4	3	10	11	1	3	13	12	2	7	6	1	2	4	2	4	3
1 SCOTLAND. E.																																							
Moray — Kinloss H	3	19	1012.9	-	10.6	0.8	11.7	91	6.4	0	5	0	12	14	0	0	0	0	0	1	3	7	4	4	12	0	0	11	17	3	2	3	3	0	9	4	7	0
	9	19	1013.2	-	12.9	1.5	12.4	82	6.8	0	1	4	15	11	0	0	0	0	0	0	1	5	3	8	14	0	2	12	17	0	5	1	4	2	1	10	5	3
	15	19	1013.1	-	15.2	2.6	12.6	73	6.5	0	1	6	18	6	0	0	0	0	0	0	1	3	4	8	15	0	5	15	11	0	5	6	3	0	2	3	10	2
	21	19	1014.1	-	12.0	1.1	12.3	87	6.0	0	4	6	13	8	0	0	0	0	0	1	1	7	4	7	11	0	1	11	16	3	2	2	7	2	2	5	5	3
Aberdeen — Dyce H	3	193	1012.8	-	10.4	0.7	11.7	91	6.3	1	2	5	8	13	2	0	0	1	1	3	4	4	7	4	7	0	0	7	19	5	2	2	3	1	6	2	5	5
	9	193	1013.0	+1.2	13.2	1.8	12.3	80	6.3	0	3	5	11	11	1	0	0	0	1	1	2	6	6	5	10	0	2	13	12	4	5	1	2	1	6	1	3	8
	15	193	1012.8	-	15.5	3.0	12.3	70	6.2	0	5	2	12	12	0	0	0	0	1	1	2	2	4	10	11	0	2	16	13	0	4	2	6	5	3	3	2	6
	21	193	1013.9	-	11.7	1.1	12.1	87	6.2	0	6	1	8	15	1	0	0	0	2	2	2	9	5	6	5	0	2	5	19	5	4	1	3	2	6	2	3	5
Rattray Head	3	108	1012.9	-	11.0	0.9	11.7	89	6.8	0	0	4	17	9	1	0	0	0	1	0	1	8	21	0	0	0	2	14	12	3	4	2	3	2	5	1	9	2
	9	108	1012.7	-	12.5	1.4	12.1	83	6.5	0	2	2	25	2	0	0	0	0	0	0	0	9	17	5	0	0	3	16	12	0	5	0	3	5	5	1	9	3
	15	108	1012.9	-	14.0	2.0	12.5	78	5.6	0	0	13	13	4	1	0	0	0	1	0	2	2	10	16	0	1	2	15	13	0	6	0	6	5	4	1	4	5
	21	108	1013.7	-	11.7	1.1	12.0	87	6.0	0	3	5	18	5	0	0	0	0	0	0	1	7	18	5	0	0	3	16	10	2	4	0	5	1	9	0	6	4
Fife — Leuchars H	3	38	1012.8	-	10.8	0.7	12.0	91	5.7	2	5	3	7	13	1	0	0	1	0	2	3	8	2	9	6	0	0	11	15	5	2	1	5	0	0	8	10	0
	9	38	1013.2	+1.1	13.9	1.8	12.9	81	6.1	0	4	4	15	8	0	0	0	0	0	1	0	12	3	5	10	0	0	10	19	2	1	1	7	0	2	8	7	3
	15	38	1012.9	-	16.1	2.7	13.3	73	6.6	0	1	6	12	12	0	0	0	0	0	1	0	4	6	9	11	0	2	14	15	0	2	1	10	2	1	5	8	2
	21	38	1013.8	-	12.6	1.1	12.7	86	6.3	0	5	1	12	13	0	0	0	0	0	3	2	6	5	6	9	0	0	4	20	7	2	2	8	0	0	7	5	0
Midlothian — Turnhouse H	3	144	1013.6	-	11.2	0.7	12.4	91	5.8	1	7	1	8	13	1	0	0	0	2	1	3	7	9	7	2	0	0	7	18	6	1	2	3	0	2	7	9	1
	9	144	1013.9	-	13.8	1.7	12.8	81	6.1	1	2	5	12	11	0	0	0	0	0	1	5	9	4	8	4	0	2	8	20	1	0	6	2	2	1	9	9	1
	15	144	1013.6	-	16.5	3.3	12.7	68	5.9	0	1	10	12	8	0	0	0	0	0	0	4	3	10	7	7	0	4	12	13	2	1	8	2	0	0	10	6	2
	21	144	1014.5	-	12.8	1.3	12.8	86	6.4	0	5	2	14	10	0	0	0	0	0	1	7	5	14	2	2	0	0	5	21	5	1	5	4	0	3	9	4	0
6a SCOTLAND. W.																																							
Argyll — Tiree H	3	34	1013.0	-	11.5	0.5	12.9	94	5.9	1	5	4	6	15	0	0	0	0	0	2	1	7	3	10	8	0	3	9	12	7	6	2	1	1	2	4	5	3
	9	34	1013.3	+1.8	13.2	1.0	13.5	88	6.1	0	4	5	10	11	1	0	0	0	1	1	3	6	2	6	12	0	3	11	12	5	7	0	4	1	4	4	4	2
	15	34	1013.7	-	14.4	1.6	13.6	83	5.0	0	8	7	7	9	0	0	0	0	0	0	3	5	5	4	14	0	3	14	13	1	8	1	1	1	1	7	4	7
	21	34	1014.0	-	11.9	0.7	12.9	91	5.0	1	9	2	12	6	1	0	0	0	1	2	0	7	6	6	9	1	3	9	10	8	5	1	1	1	4	2	3	6
Rhuvaal	3	63	-	-	12.1	0.9	12.7	89	5.8	1	5	6	9	9	1	0	0	0	1	0	0	2	1	6	11	0	1	8	22	0	4	1	1	1	8	7	6	3
	9	63	-	-	13.4	1.3	13.1	85	6.0	0	3	8	11	9	0	0	0	0	0	0	0	4	3	9	15	0	0	10	20	1	4	1	1	0	10	5	6	3
	15	63	-	-	14.4	1.7	13.4	81	5.8	0	3	10	11	7	0	0	0	0	0	0	0	3	1	11	16	0	1	10	20	0	2	1	1	0	4	5	11	7
	21	63	-	-	12.8	1.1	12.8	86	5.4	1	7	4	10	8	1	0	0	0	1	0	0	2	4	12	12	0	1	10	20	0	5	2	0	0	7	4	6	7
Renfrew — Renfrew H	3	29	1013.5	-	11.7	0.7	12.7	91	5.9	4	1	4	7	15	0	0	0	1	0	0	1	9	8	8	4	0	0	6	14	11	1	2	3	0	2	5	6	1
	9	29	1013.8	+1.3	13.6	1.4	13.3	85	6.5	1	2	3	12	13	0	0	0	0	0	1	5	14	2	4	5	0	0	8	15	8	0	6	1	0	3	2	9	2
	15	29	1013.6	-	16.6	2.8	13.6	72	6.3	0	1	6	16	8	0	0	0	0	0	1	2	9	3	2	14	0	0	16	11	4	2	3	1	0	4	7	9	1
	21	29	1014.4	-	13.4	1.4	13.1	84	5.7	0	5	6	10	10	0	0	0	0	0	0	5	12	6	7	1	0	0	3	25	3	2	4	3	1	5	7	5	1
Lanark — Lowther Hill H	3	-	-	-	8.1	0.3	10.6	96	6.8	0	3	4	1	2	21	3	11	7	0	0	0	0	2	6	2	1	4	13	11	2	4	1	3	3	2	5	4	7
	9	-	-	-	9.2	0.4	11.1	95	6.7	0	1	6	6	1	17	3	9	5	0	0	0	1	2	6	5	3	4	12	11	1	3	0	4	2	2	9	2	8
	15	-	-	-	11.3	1.3	11.4	84	6.7	0	1	5	11	4	10	1	6	2	1	0	1	2	4	5	9	1	5	10	14	1	1	2	2	0	3	9	4	9
	21	-	-	-	8.8	0.2	11.1	96	6.6	0	1	7	3	5	15	4	8	3	0	0	0	3	2	5	6	1	6	11	13	0	6	0	2	4	3	6	2	8
Ayr — Prestwick Airport H	3	69	1013.4	-	11.2	0.6	12.6	93	5.5	1	7	4	5	14	0	0	0	0	0	0	0	9	9	11	2	0	0	6	20	5	0	2	6	3	5	3	2	5
	9	69	1013.7	-	13.8	1.3	13.6	86	6.2	0	4	3	14	10	0	0	0	0	0	0	4	4	8	8	7	0	0	8	23	0	5	1	5	3	4	5	6	2
	15	69	1013.5	-	16.4	2.4	14.1	75	5.5	0	3	12	9	7	0	0	0	0	0	0	1	7	5	5	13	0	0	10	19	2	3	2	1	0	3	6	12	2
	21	69	1014.1	-	12.9	0.9	13.4	89	5.7	0	6	5	10	10	0	0	0	0	0	0	1	9	7	8	6	0	0	5	23	3	2	3	7	2	5	3	2	4
Dumfries — Eskdalemuir Observatory H	3	778	1014.3	-	9.6	0.4	11.7	95	6.1	4	1	3	5	18	0	0	0	0	2	4	2	8	10	4	1	0	0	3	13	15	1	2	0	2	4	2	4	1
	9	778	1014.4	+1.8	12.7	1.3	12.6	85	6.4	0	2	5	14	10	0	0	0	0	0	0	2	4	12	6	7	0	0	4	21	6	2	1	4	2	8	4	3	1
	15	778	1014.0	-	15.3	2.3	13.2	76	6.9	0	0	4	18	9	0	0	0	0	0	0	0	4	7	10	10	0	1	4	25	1	2	2	1	2	7	7	7	2
	21	778	1015.1	-	11.3	0.7	12.5	91	5.8	2	4	3	8	14	0	0	0	0	0	0	2	12	3	10	4	0	0	2	16	13	3	1	1	1	5	2	2	3
Wigtown — Mull of Galloway H	3	260	1014.4	-	12.2	0.6	13.3	93	5.5	1	6	5	6	12	1	0	1	0	0	0	2	4	9	7	8	0	6	7	17	1	8	1	3	0	3	8	4	3
	9	260	1014.6	-	13.4	0.9	13.8	89	6.1	1	3	5	10	10	2	0	1	1	0	0	1	6	6	10	6	0	5	12	11	3	7	0	4	2	1	8	2	4
	15	260	1014.9	-	15.7	1.9	14.2	80	5.5	0	2	12	8	8	1	0	1	0	1	0	0	6	7	7	9	1	6	9	15	0	3	0	1	0	5	11	6	5
	21	260	1015.1	-	13.1	0.9	13.6	89	5.6	1	4	6	13	7	0	0	0	0	0	0	0	7	5	12	7	1	3	13	11	3	6	0	0	0	3	1	8	3
6b ISLE OF MAN																																							
Isle of Man — Ronaldsway H	3	68	1014.3	-	12.4	0.6	13.4	91	5.8	1	4	6	9	11	0	0	0	0	0	1	2	6	5	4	13	0	3	7	15	6	6	2	1	1	3	6	2	4
	9	68	1014.7	-	14.6	1.6	13.9	83	6.0	0	4	6	14	7	0	0	0	0	1	1	2	2	9	6	10	0	4	11	14	2	2	1	3	3	1	9	6	4
	15	68	1014.8	-	16.1	2.3	14.0	76	5.3	0	7	7	9	8	0	0	0	0	0	0	3	3	9	3	13	0	2	17	12	0	1	0	4	2	6	10	4	4
	21	68	1015.0	-	13.3	1.0	13.6	88	5.5	1	5	7	7	11	0	0	0	0	0	0	2	7	8	3	11	0	3	8	16	4	7	1	1	3	1	6	5	3
Point of Ayre H	3	30	1013.6	-	12.8	0.8	13.6	91	5.5	1	2	12	9	7	0	0	0	0	0	0	0	0	9	19	3	0	3	10	16	2	3	3	1	3	3	9	2	5
	9	30	1014.2	-	14.6	1.5	14.0	84	6.0	1	1	7	16	6	0	0	0	0	0	0	0	3	6	19	3	0	3	12	15	1	1	5	2	1	5	3	8	5
	15	30	1014.4	-	17.1	2.8	14.2	73	5.3	0	0	16	10	5	0	0	0	0	0	0	0	1	8	17	5	0	2	15	11	3	1	1	4	4	2	5	8	3
	21	30	1014.4	-	13.8	1.3	13.6	85	5.4	1	4	6	17	3	0	0	0	0	0	0	0	1	9	14	7	0	2	11	14	4	1	2	3	1	2	10	3	5
2 ENGLAND. N.E.																																							
Northumberland — Acklington H	3	151	1013.6	-	11.2	0.5	12.7	94	5.6	3	4	3	9	12	0	0	0	0	0	2	3	4	6	9	7	0	1	6	18	6	4	0	0	1	4	4	8	4
	9	151	1014.0	-	14.7	1.8	13.6	81	5.9	0	6	3	11	11	0	0	0	0	0	1	4	4	8	4	10	0	2	11	18	0	8	3	1	1	6	6	3	3
	15	151	1013.9	-	16.2	2.4	14.0	76	6.0	0	4	5	13	9	0	0	0	0	0	1	1	3	7	6	13	0	2	15	14	0	3	5	5	5	0	7	4	2
	21	151	1014.5	-	12.4	0.7	13.3	92	5.8	0	5	7	9	10	0	0	0	1	0	1	3	9	6	6	5	0	0	6	16	9	5	0	0	2	6	1	7	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind. Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
2 ENGLAND, N.E.—cont.																																												
Tynemouth H	3	130	1013.8	-	12.6	1.1	12.8	87	5.9	3	2	4	10	12	0	0	0	0	0	0	0	8	16	7	0	1	0	11	16	3	6	0	0	0	5	5	11	1
	9	130	1014.4	+1.3	14.0	1.7	13.1	81	5.6	1	5	7	6	12	0	0	0	0	0	0	5	12	10	4	0	0	2	11	15	3	10	0	1	1	5	3	6	2
	15	130	1014.3	-	15.9	2.6	13.3	74	5.8	0	4	7	11	9	0	0	0	0	0	1	1	6	15	8	0	0	1	16	14	0	5	2	6	6	2	2	8	0
	21	130	1014.7	-	14.2	1.7	13.2	82	5.7	0	5	8	6	12	0	0	0	0	0	0	0	8	18	5	0	0	0	12	16	3	6	1	0	3	5	5	7	1
Durham: Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding: Dishforth ... H	3	131	1014.4	-	11.5	0.6	12.7	92	4.7	6	5	2	8	10	0	0	0	0	0	2	4	14	3	3	5	0	0	7	19	5	8	0	0	2	8	2	2	4
	9	131	1014.9	-	15.3	2.0	13.9	80	5.5	2	5	3	13	8	0	0	0	0	0	2	1	7	8	4	9	0	1	8	19	3	10	0	1	3	6	2	4	2
	15	131	1014.5	-	18.4	3.5	14.4	68	6.3	1	0	6	18	6	0	0	0	0	0	1	0	8	5	4	13	0	1	15	15	0	9	2	1	4	3	4	7	1
	21	131	1015.2	-	14.3	1.4	13.9	85	5.5	1	7	1	17	5	0	0	0	0	0	1	4	5	10	7	4	0	0	6	23	2	7	0	0	5	4	4	7	2
Yorks., E. Riding: Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1014.4	-	14.5	1.8	13.3	81	5.5	1	6	4	11	9	0	0	0	0	0	4	7	16	4	0	0	0	3	9	18	1	6	0	0	1	8	4	2	9
	15	210	1014.4	-	16.9	3.2	13.4	71	5.9	1	2	5	17	6	0	0	0	0	0	1	0	5	19	6	0	0	2	11	17	1	6	2	6	2	6	2	3	3
	21	210	1014.8	-	13.7	1.5	13.1	83	5.3	1	7	4	10	9	0	0	0	0	0	1	7	22	1	0	0	0	1	8	19	3	5	1	1	5	7	4	4	1
Yorks., E. Riding: Leconfield H	3	28	1014.5	-	11.8	0.9	12.6	90	4.9	4	4	8	4	11	0	0	0	1	0	2	0	10	11	5	2	0	0	3	18	10	5	0	1	0	3	3	7	2
	9	26	1015.1	-	15.9	2.4	13.7	75	5.1	1	7	7	8	8	0	0	0	0	0	0	3	4	11	7	6	0	0	10	19	2	8	2	0	1	5	5	4	4
	15	28	1014.8	-	18.7	4.2	13.3	63	5.7	1	1	12	10	7	0	0	0	0	0	0	0	2	11	10	8	0	0	16	14	1	5	3	6	1	2	6	6	1
	21	28	1015.5	-	14.0	1.5	13.4	83	4.7	1	9	7	6	8	0	0	0	0	1	0	1	9	13	5	2	0	0	6	15	10	3	1	0	2	3	3	7	2
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln: Waddington H	3	227	1015.0	-	12.4	0.9	13.1	90	4.8	7	3	4	5	12	0	0	0	1	0	0	5	16	7	2	0	0	0	4	27	0	6	1	1	2	5	11	3	2
	9	227	1015.5	-	15.5	2.0	14.0	79	4.7	4	3	8	9	7	0	0	0	0	0	0	2	10	10	8	1	0	0	12	19	0	4	2	1	2	3	7	5	7
	15	227	1015.1	-	19.4	4.5	13.5	60	5.0	1	5	8	13	4	0	0	0	0	0	0	0	2	10	15	4	0	0	18	13	0	4	2	3	0	4	6	7	5
	21	227	1015.9	-	14.6	1.9	13.3	81	5.1	2	6	6	10	7	0	0	0	0	0	0	2	8	15	6	0	0	0	5	26	0	5	1	3	3	4	6	7	2
Binbrook ... H	3	356	1014.6	-	12.2	1.0	12.7	88	5.0	5	3	7	2	14	0	0	0	0	2	2	2	13	10	2	0	0	0	8	23	0	5	1	0	2	8	5	10	0
	9	356	1015.2	-	15.1	2.1	13.4	77	5.5	3	2	7	12	7	0	0	0	0	0	0	3	10	11	4	3	0	1	12	18	0	7	3	0	1	4	8	3	5
	15	356	1014.8	-	18.4	4.4	12.6	60	5.4	1	3	12	10	5	0	0	0	0	0	0	0	6	13	9	3	0	1	15	14	1	4	2	4	0	4	7	6	3
	21	356	1015.6	-	14.1	1.8	12.9	80	5.3	2	5	5	10	9	0	0	0	0	0	2	0	10	15	4	0	0	0	6	23	2	2	2	2	3	7	6	7	0
Manby ... H	3	47	1014.8	-	12.2	0.7	13.3	92	4.9	4	6	4	8	9	0	0	0	1	2	0	4	16	7	1	0	0	0	4	23	4	3	1	0	3	5	2	8	5
	9	47	1015.3	-	16.3	2.2	14.5	78	5.2	1	8	2	13	7	0	0	0	0	0	0	1	10	15	4	1	0	0	12	19	0	7	3	0	1	6	5	3	6
	15	47	1015.0	-	19.1	3.9	14.2	65	5.3	1	4	8	13	5	0	0	0	0	0	0	0	6	14	8	3	0	0	18	12	1	3	4	4	1	6	5	5	2
	21	47	1015.7	-	13.9	1.2	13.9	88	5.1	2	3	8	10	8	0	0	0	0	0	0	0	14	14	3	0	0	0	4	22	5	3	1	1	3	5	3	5	5
3 ENGLAND, E.																																												
Norfolk: Marham H	3	89	1015.2	-	12.4	0.6	13.5	92	4.6	9	3	2	5	12	0	0	0	0	0	0	2	24	5	0	0	0	0	8	19	4	4	0	1	5	7	5	4	1
	9	89	1015.8	-	16.1	1.9	14.8	81	5.4	3	4	4	13	7	0	0	0	0	0	0	0	13	16	2	0	0	0	12	18	1	6	1	0	2	7	4	3	7
	15	89	1015.3	-	20.1	4.7	14.0	60	5.9	1	2	6	19	3	0	0	0	0	0	0	0	3	17	10	1	0	1	17	13	0	7	2	1	0	6	6	4	5
	21	89	1016.1	-	14.6	1.5	14.0	84	4.8	3	8	2	11	7	0	0	0	0	0	0	0	17	13	1	0	0	0	7	21	3	5	0	3	3	7	4	5	1
West Raynham H	3	263	1015.0	-	12.3	0.8	13.2	91	4.9	5	5	4	3	14	0	0	0	0	0	1	1	18	10	1	0	0	0	11	20	0	5	1	0	7	1	9	7	1
	9	263	1015.4	-	15.8	1.9	14.6	81	5.5	2	6	3	11	9	0	0	0	0	0	0	0	9	14	5	3	0	0	19	12	0	6	1	0	2	5	7	5	5
	15	263	1015.0	-	19.1	4.4	13.5	62	5.5	1	3	8	16	3	0	0	0	0	0	0	0	0	15	13	3	0	1	18	11	1	7	4	0	1	5	6	3	4
	21	263	1015.9	-	14.1	1.6	13.5	83	4.8	5	3	5	14	4	0	0	0	0	0	0	0	7	18	5	1	0	0	8	21	2	2	4	1	6	5	3	7	1
Coltishall ... H	3	57	1014.8	-	12.9	0.7	13.9	92	4.8	6	4	5	5	11	0	0	0	0	0	2	6	11	12	0	0	0	0	4	18	9	4	0	2	2	3	8	3	0
	9	57	1015.2	-	16.8	2.2	15.0	78	5.6	2	5	3	13	8	0	0	0	0	0	0	1	9	14	7	0	0	0	12	18	1	5	1	1	2	7	4	5	5
	15	57	1015.0	-	19.5	4.0	14.7	66	5.5	1	3	9	14	4	0	0	0	0	0	0	1	2	14	14	0	0	0	19	12	0	9	3	1	3	2	7	2	4
	21	57	1015.8	-	14.8	1.4	14.4	85	4.9	4	3	7	11	6	0	0	0	0	0	0	0	8	17	6	0	0	0	5	21	5	2	1	5	1	6	3	2	6
Gorleston H	3	26	1015.2	-	14.6	1.3	14.4	86	4.2	7	6	3	7	8	0	0	0	0	0	0	0	15	16	0	0	0	0	9	22	0	4	0	1	3	7	6	8	2
	9	26	1015.5	+0.7	16.4	1.9	15.1	80	5.0	2	6	5	11	7	0	0	0	0	0	0	0	15	16	0	0	0	0	15	15	1	7	1	2	4	4	3	8	1
	15	26	1015.6	-	17.4	2.3	15.5	78	5.0	2	5	8	13	3	0	0	0	0	0	0	0	12	19	0	0	0	2	22	7	0	10	3	1	6	7	0	2	2
	21	26	1015.8	-	16.0	1.7	15.0	82	4.2	5	5	8	10	3	0	0	0	0	0	0	0	8	23	0	0	0	0	10	21	0	2	2	3	2	8	4	6	4
Suffolk: Mildenhall H	3	39	1015.2	-	12.6	0.9	13.3	90	4.8	6	6	1	6	12	0	0	0	0	0	1	4	16	9	1	0	0	0	1	26	4	2	1	0	4	4	8	6	2
	9	39	1015.7	-	16.7	2.5	14.4	75	4.9	3	8	1	11	8	0	0	0	0	0	0	0	10	16	5	0	0	0	5	23	3	4	1	0	1	4	6	5	7
	15	39	1015.1	-	21.0	5.4	13.5	55	5.7	1	1	10	15	4	0	0	0	0	0	0	0	0	14	15	2	0	0	10	21	0	4	2	1	0	4	6	5	9
	21	39	1016.0	-	15.4	2.0	13.9	79	4.7	5	4	6	6	10	0	0	0	0	0	0	0	6	22	3	0	0	0	3	25	3	3	2	4	1	5	7	4	2
Wattisham H	3	299	1015.4	-	12.4	0.6	13.7	94	4.5	9	2	4	6	10	0	0	0	0	0	0	4	13	12	2	0	0	0	5	26	0	4	1	3	4	3	4	10	2
	9	299	1015.7	-	16.4	2.2	14.7	78	4.7	4	4	6	11	6	0	0	0	0	0	0	2	4	14	9	2	0	0	11	20	0	5	3	2	1	4	7	4	5
	15	299	1015.3	-	19.7	4.4	14.0	62	5.4	1	5	4	20	1	0	0	0	0	0	0	0	2	8	17	4	0	0	15	16	0	6	2	1	1	7	5	2	7
	21	299	1016.3	-	14.6	1.4	14.3	86	4.5	3	5	9	11	3	0	0	0	0	0	0	0	13	14	4	0	0	0	8	23	0	3	4	5	0	8	3	6	2
Aldeburgh H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	1016.1	-	17.3	2.6	14.8	75	4.9	3	4	8	8	8	0	0	0	0	0	0	0	13	18	0	0	0	0	8	23	0	4	3	3	1	10	2	6	2
	15	35	1016.1	-	18.4	3.1	15.1	71	4.7	3	5	9	8	6	0	0	0	0	0	0	0	10	21	0	0	0	0	16	15	0	3	4	3	2	12	2	2	3
	21	35	1016.4	-	16.3	2.2	14.7	78	4.6	6	3	6	8	8	0	0	0	0	0	0	0	8	23	0	0	0	0	8	23	0	4	3	2	3	6	7	3	3
Huntingdon: Wyton ... H	3	141	1015.3	-	12.9	1.1	13.1	87	4.6	8	4	2	5	12	0	0	0	0	0	0	3	18	10	0	0	0	0	6	19	6	4	0	1	1	3	7	8	1
	9	141	1015.9	-	16.4	2.4	14.3	76	4.8	3	5	6	11	6	0	0	0	0	0	0	5	11	10	5	0	0	0	15	14	2	8	1	1	0	3	8	3	5
	15	141	1015.2	-	20.4	5.2	13.3	55	5.4	1	2	11	15	2	0	0	0	0	0	0	0	3	14	10	4	0	0	14	17	0	5	2	1	1	2	7	6	7
	21	141	1016.1	-	15.5	2.3	13.6	76	4.7	3	8	4	9	7	0	0	0	0	0	0	0	14	16	1	0	0	0	9	18	4	3	5	1	1	3	7	3	4
Bedford: Cardington H	3	96	1015.5	-	11.8	0.8	12.9	92	4.5	10	3	1	5	12	0	0	0	0	0	0	2	18	9	2	0	0	0	5	22	4	3	0	1	2	4	7	8	2
	9	96	1015.9	-	16.6	2.4	14.4	76	5.1	3	6	2	13	7	0	0	0	0	0	0	0	12	12	7	0	0	0	10	20	1	5	2	1	0	3	9	5	5
	15	96	1015.3	-	20.7	5.3	13.4	55	5.6	1	1	11	16	2	0	0	0	0	0	0	0	2	15	13	1	0	0	12	19	0	5	3	0	1	5	6	7	4
	21	96	1016.3	-	14.8	1.8	13.8	81	4.6	3	6	7	9	6	0	0	0	0	0	0	0	10	17	4	0	0	0	6	23	2	4	4	2	1	4	7	6	1
Hertford: Bovingdon H	3	517	1016.0	-	12.2	0.8	13.1	91	4.7	8	2	4	4	13	0	0	0	0	0	0	4	12	14	1	0	0	0	6	17	8	4	2	0	2	3	3	5	4
	9	517	1016.3	-	15.4	1.9	14.0	80	5.0	2	8	2	12	7	0	0	0	0	0	1	1	9	14	4	2	0	0	8	21	2	4	3	1	1	4	5	3	8
	15	517	1015.6	-	19.5	4.4	13.9	61	5.1	1	5	7	18	0	0	0	0	0	0	0	2	12	9	8	0	0	0	15	15	1	6	1	2	0	3	6	5	7
	21	517	1016.6	-	14.8	1.8	13.7	80	4.7	6	3	5	10	7	0	0	0	0	0	0	0	10	15	6	0	0	0	5	21	5	4	4	0	1	7	1	3	6
Essex: Stansted H	3	334	1015.6	-	12.5	0.9	13.1	89	4.4	10	3	1	6	11	0	0	0	0	0	0	1	17	6	7	0	0	0	3	23	5	2	3	1	3	2	6	6	3
	9	334	1016.0	-	16.2	2.5	13.8	75	4.8	2	8	5	9	7	0	0	0	0	0	0	0	10	5	10	6	0	0	8	23	0	4	3	1	1	5	6	4	7
	15	334	1015.3	-	20.0	5.3	12.8	55	5.2	1	3	11	14	2	0	0	0	0	0	0	0	1	6	8	16	0	0	12	19	0	4	2	0	2	5	5	7	6
	21	334	1016.4	-	15.0	2.0	13.6	79	4.5	4	7	5	8	7	0	0	0	0	0	0	0	9	12	9	1	0	0	5	24	2	4	3	5	1	5	5	3	3
Shoeburyness H	9	17	1015.9	+0.3	17.2	2.3	15.3	77	4.9	3	6	6	8	8	0	0	0	0	0	0	3	14	7	4	3	0	0	9	20	2	3	3	0	3	3	5	9	3
	15	17	1015.4	-	20.3	4.1	15.3	64	5.0	1	5	9	12	4	0	0	0	0	0	0	0	7	13	6	5	0	1	16	14	0	0	4	7	1	4	6	6	3
	21	17	1016.2	-	16.4	1.8	15.3	81	4.8	3	4	8	10	6	0	0	0	0	0	0	0	10	10	9	2	0	0	6	25	0	4	4	4	1	7	6	5	0
Walton-on-Naze ... H	3	21	1015.3	-	14.4	1.3	14.3	86	3.8	8	6	5	3	9	0	0	0	0	0	0	0	19	12	0	0	0	1	6	24	0	3	3	1	3	4	2	7	8
	9	21	1015.8	-	17.3	2.6	14.7	74	5.2	2	3	10	8	8	0	0	0	0	0	0	0	21	10	0	0	0	1	14	15	1	3	6	1	1	3	6	3	7
	15	21	1015.6	-	19.0	3.4	15.3	68	4.7	3	4	9	10	5	0	0	0	0	0	0	0	19	12	0	0	0	1	19	11	0	2	3	4	4	10	2	3	3
	21	21	1016.2	-	16.5	2.3	14.5	77	4.2	5	7	5	6	8	0	0	0	0	0	0	0	15	15	1	0	0	0	11	20	0	4	4	3	2	4	6	7	1
4 MIDLAND COUNTIES																																												
Yorks, W.R.: Huddersfield Oakes H	3	769	1014.3	-	11.1	1.2	11.5	86	4.8	5	4	5	6	11	0	0	1	2	1	1	4	11	1	7	3	0	0	9	16	6	1	3	1	0	3	7	5	5
	9	769	1014.7	-	14.8	2.0	13.4	79	5.0	2	5	9	8	7	0	0	0	0	2	1	3	10	6	7	2	0	1	6	23	1	1	4	2	0	2	11	8	2
	15	769	1014.4	-	17.2	3.5	13.2	67	5.9	0	2	7	14	8	0	0	0	0	0	1	1	12	3	9	6	0	1	9	20	1	3	2	0	2	4	8	9	2
	21	769	1015.3	-	12.9	1.4	12.6	84	4.4	6	4	6	7	8	0	0	0	0	0	1	3	11	3	9	4	0	0	6	18	7	1	2	1	1	6	3	9	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind: Number of Observations: Force (0-12) Beaufort Force: 8 or more (Speed in knots: 34 or more)	6, 7 (22 to 33)	4, 5 (11 to 21)	1 to 3 (1 to 10)	Calm (0)	Direction: N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																															
4 MIDLAND COUNTIES —cont.																																							
Nottingham Watnall ... H	3	390	1015.0	-	11.7	0.6	13.0	93	4.2	9	5	3	4	10	0	0	0	0	0	6	4	12	8	1	0	0	0	3	21	7	1	2	1	1	2	4	9	4
	9	390	1015.6	-	15.2	1.8	14.0	81	5.3	3	4	4	12	8	0	0	0	0	0	2	5	10	10	4	0	0	0	5	22	4	2	4	1	1	1	5	7	6
	15	390	1014.9	-	19.0	3.9	14.1	65	5.5	1	2	10	15	3	0	0	0	0	0	0	0	6	8	15	2	0	0	10	20	1	4	0	2	1	2	5	10	6
	21	390	1015.8	-	13.9	1.4	13.5	84	5.0	3	3	8	9	8	0	0	0	0	0	2	2	14	11	2	0	0	0	2	23	6	2	2	4	1	1	4	4	7
Nottingham Finningley H	3	46	1014.7	-	12.4	1.0	12.8	88	4.7	7	2	7	4	11	0	0	0	0	1	1	6	14	6	2	1	0	1	7	16	7	6	0	0	2	2	5	8	1
	9	46	1015.3	-	16.1	2.4	13.9	75	4.9	4	4	7	9	7	0	0	0	0	0	0	5	6	14	4	2	0	1	15	12	3	7	0	0	2	4	5	2	8
	15	46	1014.7	-	19.8	4.7	13.6	59	5.7	1	3	8	13	6	0	0	0	0	0	0	0	2	17	10	2	0	2	19	8	2	5	1	1	2	2	6	7	5
	21	46	1015.5	-	15.2	2.1	13.5	78	4.9	2	6	6	11	6	0	0	0	0	0	1	2	13	13	2	0	0	1	7	18	5	3	1	3	1	4	4	8	2
Northampton Wittering H	3	219	1015.1	-	12.1	0.8	13.0	91	4.5	9	4	1	6	11	0	0	0	0	4	0	1	18	6	2	0	0	0	9	19	3	4	1	1	3	3	5	10	1
	9	219	1015.7	-	16.2	2.4	14.0	75	5.0	3	5	6	8	9	0	0	0	0	0	1	1	5	12	11	1	0	0	11	20	0	3	3	1	0	5	7	3	9
	15	219	1015.1	-	20.2	5.3	13.0	56	5.6	1	1	12	13	4	0	0	0	0	0	0	0	0	8	16	7	0	0	18	13	0	4	3	0	1	4	7	7	5
	21	219	1016.0	-	14.9	2.0	13.4	79	5.2	3	2	8	11	7	0	0	0	0	0	0	0	7	14	8	2	0	0	10	20	1	4	3	3	1	4	4	9	2
Warwick Edgbaston H	9	542	1016.0	-	14.7	2.0	13.2	78	4.9	5	3	7	7	9	0	0	0	0	0	0	3	11	12	5	0	0	0	3	28	0	1	4	2	1	5	8	4	6
	15	542	1015.4	-	18.6	4.8	12.1	57	5.6	1	4	7	12	7	0	0	0	0	0	0	1	4	10	8	8	0	0	8	23	0	1	3	1	1	7	6	5	7
	21	542	1016.3	-	15.3	2.4	13.1	75	5.0	2	4	10	8	7	0	0	0	0	0	1	0	10	12	7	1	0	0	3	27	1	1	4	3	0	4	7	4	7
Warwick Elmdon H	3	362	1015.4	-	11.6	0.9	12.4	90	4.6	4	6	6	6	9	0	0	0	0	0	2	2	9	10	7	1	0	1	7	15	8	2	1	2	2	3	4	6	3
	9	362	1015.9	-	15.2	2.1	13.6	78	5.4	2	5	5	12	7	0	0	0	0	0	0	4	10	14	3	0	0	0	9	21	1	3	3	2	1	5	6	3	7
	15	362	1015.3	-	19.0	4.7	12.7	59	5.9	1	1	8	17	4	0	0	0	0	0	0	1	3	9	14	4	0	0	14	17	0	4	4	1	2	5	6	6	3
	21	362	1016.0	-	14.4	1.9	13.1	79	5.4	2	4	5	16	4	0	0	0	0	0	0	4	12	10	5	0	0	0	3	20	8	1	3	1	1	5	4	4	4
Shropshire Shawbury H	3	249	1015.3	-	11.4	0.6	12.6	92	4.8	6	4	4	7	10	0	0	0	0	0	1	5	5	8	8	4	0	1	3	23	4	3	1	2	2	5	3	9	2
	9	249	1015.7	-	15.4	2.0	13.9	79	5.3	1	5	8	10	7	0	0	0	0	0	0	0	11	3	8	9	0	0	9	21	1	3	1	2	0	6	6	7	5
	15	249	1015.2	-	18.9	4.4	13.1	60	5.8	0	3	6	20	2	0	0	0	0	0	0	0	1	9	6	15	0	2	13	15	1	5	4	1	1	4	6	6	3
	21	249	1016.0	-	13.5	1.5	13.0	83	4.7	1	5	12	9	4	0	0	0	0	0	0	2	6	5	11	7	0	0	3	26	2	8	1	3	0	4	5	4	4
Worcester Pershore ... H	3	117	1015.9	-	12.2	1.0	12.8	88	4.0	6	8	3	6	8	0	0	0	0	1	0	2	10	7	8	3	0	0	5	12	14	1	2	1	1	3	5	4	0
	9	117	1016.2	-	16.0	2.4	13.8	75	5.3	2	6	2	15	6	0	0	0	0	0	0	2	6	8	12	3	0	0	12	17	2	4	3	2	1	1	10	3	5
	15	117	1015.5	-	20.2	5.2	13.0	55	6.0	1	2	5	17	6	0	0	0	0	0	0	1	3	5	6	16	0	2	14	15	0	6	4	1	2	3	6	5	4
	21	117	1016.3	-	15.5	2.2	13.6	76	5.7	2	1	8	13	7	0	0	0	0	0	1	1	7	5	14	3	0	0	5	19	7	3	3	3	0	3	6	4	2
Hereford Ross-on-Wye H	9	226	1016.0	+0.8	15.7	2.2	13.8	77	5.3	4	3	6	9	9	0	0	0	0	0	0	1	10	5	11	4	0	0	2	28	1	2	3	2	0	2	10	5	6
	15	226	1015.3	-	19.5	4.6	13.4	59	5.7	1	3	4	17	6	0	0	0	0	0	0	0	6	4	13	8	0	0	5	26	0	3	5	1	0	4	10	6	2
	21	226	1016.1	-	15.0	1.9	13.7	80	4.6	2	9	4	10	6	0	0	0	0	0	0	1	7	7	7	9	0	0	2	24	5	1	0	5	0	4	7	6	3
Gloucester Filton ... H	3	197	1015.7	-	13.0	1.0	13.5	89	3.9	7	4	7	9	4	0	0	0	0	0	0	3	12	15	1	0	0	0	6	13	12	2	3	1	0	6	3	4	0
	9	197	1016.1	-	16.2	2.3	14.3	77	4.9	4	5	3	12	7	0	0	0	0	0	1	1	6	10	11	2	0	0	4	24	3	3	4	1	1	4	7	6	2
	15	197	1015.6	-	19.5	4.1	14.5	64	5.1	1	6	8	10	6	0	0	0	0	0	0	2	3	7	9	10	0	0	13	18	0	6	1	1	0	5	7	7	4
	21	197	1016.3	-	15.4	1.9	14.2	80	4.5	3	8	4	9	7	0	0	0	0	0	0	2	10	15	3	1	0	0	4	26	1	5	1	0	1	5	6	10	2
Gloucester Gloucester H	3	79	1016.0	-	13.0	1.2	13.2	87	3.7	8	8	4	3	8	0	0	0	0	0	0	4	11	6	6	4	0	0	4	17	10	3	1	0	1	4	8	4	0
	9	79	1016.5	-	16.5	2.6	14.0	74	4.9	2	5	8	9	7	0	0	0	0	0	1	2	5	7	7	9	0	0	7	22	2	6	2	0	1	5	7	3	5
	15	79	1015.9	-	20.7	5.2	13.6	56	5.9	1	3	5	18	4	0	0	0	0	0	0	1	2	8	6	14	0	0	10	20	1	2	3	2	1	2	12	1	7
	21	79	1016.6	-	16.2	2.5	14.0	75	4.7	4	4	7	12	4	0	0	0	0	0	1	3	5	6	8	8	0	0	4	19	8	0	3	0	0	5	8	5	2
Little Rissington H	3	751	1015.9	-	12.2	0.8	12.9	90	4.6	9	4	1	5	11	1	0	1	0	0	1	2	11	4	10	2	0	0	4	26	1	2	4	2	2	2	7	5	6
	9	751	1016.2	-	14.9	2.0	13.5	79	5.0	2	7	5	11	5	1	0	0	0	1	0	1	6	8	5	10	0	0	16	15	0	2	5	2	0	4	5	5	8
	15	751	1015.5	-	18.6	4.3	13.1	62	5.7	1	4	4	18	4	0	0	0	0	0	1	0	2	8	8	12	0	0	12	18	1	6	2	1	1	1	8	7	4
	21	751	1016.5	-	14.5	1.8	13.4	80	4.6	3	8	5	9	6	0	0	0	0	0	0	0	4	19	3	5	0	1	6	23	1	6	4	1	0	3	9	4	3
5 ENGLAND, S.E.																																							
Middlesex London (Heathrow) Airport H	3	86	1015.7	-	13.7	1.3	13.5	85	4.4	8	5	1	8	9	0	0	0	0	0	0	4	8	12	7	0	0	0	2	25	4	7	2	0	1	4	5	4	4
	9	86	1016.2	-	16.6	2.6	14.0	74	4.6	2	9	4	8	8	0	0	0	0	0	0	3	9	10	4	5	0	0	9	22	0	5	4	1	1	4	6	7	3
	15	86	1015.5	-	21.5	5.9	13.1	52	4.6	2	3	13	11	2	0	0	0	0	0	0	0	3	8	12	8	0	1	12	18	0	5	2	2	0	5	7	4	6
	21	86	1016.3	-	16.9	2.8	13.9	71	4.9	3	4	8	9	7	0	0	0	0	0	0	1	8	14	7	1	0	0	5	25	1	9	0	3	0	3	7	4	4
Surrey Kew Observatory H	9	34	1016.4	+0.8	16.7	2.6	14.0	73	5.0	1	8	4	10	8	0	0	0	0	0	1	1	7	6	7	9	0	0	4	25	2	6	2	2	0	3	8	4	4
	15	34	1015.6	-	20.9	5.4	13.3	54	5.4	2	2	8	16	3	0	0	0	0	0	0	0	2	6	14	9	0	1	12	18	0	5	2	2	1	4	8	3	6
	21	34	1016.5	-	16.8	2.7	13.9	72	5.2	4	4	4	11	8	0	0	0	0	0	0	1	4	7	17	2	0	0	6	20	5	4	2	3	1	1	8	3	4
Surrey Gatwick H	3	195	1016.1	-	12.1	0.5	13.4	94	4.9	8	2	3	5	13	0	0	1	1	3	0	4	10	12	0	0	0	0	2	21	8	4	1	2	0	2	5	4	5
	9	195	1016.4	-	16.3	2.0	14.9	80	5.3	2	6	4	11	8	0	0	0	0	0	0	1	12	6	8	4	0	0	7	23	1	4	3	2	3	3	4	4	7
	15	195	1015.9	-	20.0	4.4	14.3	63	4.9	2	3	10	13	3	0	0	0	0	0	0	0	2	11	9	9	0	1	11	19	0	5	3	2	1	2	9	5	4
	21	195	1016.7	-	14.7	1.3	14.6	86	4.9	4	5	5	10	7	0	0	0	0	0	1	1	11	14	4	0	0	0	1	25	5	1	4	2	1	1	10	4	3
Kent Deal ... H	3	34	1015.9	-	14.9	1.3	14.7	85	4.6	7	2	7	6	9	0	0	0	0	1	0	0	5	13	11	1	0	0	8	23	0	0	4	2	2	2	6	11	4
	9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	34	1016.3	-	19.0	3.3	15.3	71	4.8	3	4	11	9	4	0	0	0	0	0	0	2	10	12	7	0	0	1	15	15	0	2	5	3	3	7	7	1	3
	21	34	1016.5	-	16.6	2.0	15.1	79	4.6	5	5	6	6	9	0	0	0	0	0	0	0	3	23	5	0	0	1	10	17	3	2	5	5	1	2	6	5	2
Kent Manston ... H	3	148	1015.7	-	14.3	1.3	14.2	86	4.5	8	2	6	6	9	0	0	0	0	0	0	0	9	9	13	0	0	0	10	18	3	2	4	2	1	4	7	2	6
	9	148	1016.1	-	17.1	2.7	14.3	73	5.1	2	7	4	11	7	0	0	0	0	0	1	0	12	7	7	4	0	1	16	14	0	2	3	2	2	4	4	4	10
	15	148	1016.0	-	19.7	4.2	14.4	63	4.5	2	7	7	11	4	0	0	0	0	0	0	1	3	14	10	3	0	1	23	7	0	2	6	3	4	7	4	1	4
	21	148	1016.6	-	15.8	2.0	14.3	79	5.2	1	5	8	11	6	0	0	0	0	0	0	0	4	15	11	1	0	0	16	15	0	1	6	3	4	3	10	2	2
Sussex Thorney Island H	3	35	1016.1	-	13.5	0.8	14.3	91	3.2	10	7	5	4	5	0	0	0	0	0	0	2	8	13	8	0	0	0	4	21	6	9	2	2	1	0	2	6	3
	9	35	1016.6	-	16.9	2.1	15.3	79	5.2	2	6	5	10	8	0	0	0	0	0	0	0	8	10	8	5	0	0	6	24	1	7	3	1	2	4	2	7	4
	15	35	1016.3	-	19.9	3.7	15.7	67	5.4	1	5	5	15	5	0	0	0	0	0	0	0	7	8	7	9	0	0	12	19	0	4	2	2	0	9	5	7	2
	21	35	1016.9	-	15.6	1.3	15.4	85	4.8	4	5	6	10	6	0	0	0	0	0	0	1	9	10	10	1	0	0	2	23	6	3	4	3	1	0	2	9	3
Sussex East Hoathly H	9	133	1016.5	-	16.7	2.0	15.3	80	5.5	2	6	1	14	8	0	0	0	0	0	0	3	11	3	11	3	0	0	6	22	3	3	3	3	0	3	1	11	4
	15	133	1016.1	-	19.9	3.8	15.4	65	4.9	2	5	6	16	2	0	0	0	0	0	0	0	4	7	17	3	0	0	13	17	1	3	3	1	2	3	6	12	0
	21	133	1016.9	-	14.1	0.7	14.9	91	4.9	4	4	5	14	4	0	0	0	0	0	0	0	10	7	11	3	0	0	2	15	14	1	1	5	2	2	3	3	0
Sussex Eastbourne Coastguard H	9	24	1016.5	-	17.0	2.2	15.0	77	5.3	2	4	9	10	6	0	0	0	0	0	0	2	9	20	0	0	0	3	6	17	5	10	1	3	1	2	1	7	1
	15	24	1016.5	-	19.7	3.6	15.5	68	4.8	3	3	12	6	7	0	0	0	0	0	1	0	6	24	0	0	0	5	10	13	3	2	1	4	1	5	2	11	2
	21	24	1016.7	-	16.5	1.9	15.2	80	4.4	2	4	16	5	4	0	0	0	0	0	0	0	7	24	0	0	0	3	6	7	15	1	3	1	0	1	2	8	0
Berkshire Abingdon H	3	234	1016.1	-	12.3	0.9	12.9	89	4.1	8	5	4	3	11	0	0	0	0	0	0	2	17	7	5	0	0	0	3	16	12	3	3	3	0	2	2	5	1
	9	234	1016.4	-	16.7	2.8	13.9	73	4.8	3	6	7	7	8	0	0	0	0	0	0	2	9	7	5	8	0	0	10	20	1	5	1	4	1	3	5	7	4
	15	234	1015.7	-	20.8	5.6	13.0	53	5.3	1	5	8	14	3	0	0	0	0	0	0	0	3	12	10	6	0	0	15	15	1	3	3	2	2	2	7	5	6
	21	234	1016.6	-	15.5	2.1	13.9	77	4.2	5	5	8	9	4	0	0	0	0	0	0	3	11	13	2	2	0	0	5	21	5	5	3	0	1	4	3	8	2
Hampshire Hurn ... H	3	46	1016.1	-	12.2	0.9	13.2	91	3.1	11	6	5	3	6	0	0	0	0	0	1	2	8	13	7	0	0	0	3	20	8	4	1	0	3	1	4	4	6
	9	46	1016.5	-	16.9	2.5	14.4	74	4.4	2	11	2	12	4	0	0	0	0	0	0	2	9	6	9	5	0	0	10	19	2	4	6	0	2	4	4	4	5
	15	46	1016.1	-	19.9	4.2	14.6	63	5.0	2	4	7	16	2	0	0	0	0	0	0	1	7	7	10	6	0	0	15	16	0	2	4	2	1	9	7	4	2
	21	46	1016.7	-	14.9	1.5	14.3	83	3.9	4	10	5	6	6	0	0	0	0	0	0	2	6	13	7	3	0	0	6	19	6	5	2	0	1	1	3	7	6
Hampshire S. Farnborough H	3	231	1016.1	-	12.6	0.9	13.2	89	3.8	11	4	2	6	8	0	0	0	0	0	0	3	11	6	7	4	0	0	4	13	14	3	1	0	2	1	4	5	1
	9	231	1016.5	+0.9	16.2	2.3	14.1	76	4.9	2	7	5	9	8	0	0	0	0	0	0	2	10	2	4	13	0	0	7	21	3	4	2	2	0	4	4	5	7
	15	231	1015.8	-	20.8	5.0	14.1	58	5.1	2	3	8	15	3	0	0	0	0	0	0	2	4	5	9	11	0	0	17	14	0	5	1	4	0	4	7	6	4
	21	231	1016.7	-	15.7	2.0	14.2	79	4.4	5	6	5	8	7	0	0	0	0	0	0	0	16	4	4	7	0	0	3	23	5	5	2	1	2	3	4	8	1
Wiltshire Lyneham H	3	489	1016.2	-	12.3	0.9	13.0	90	4.9	4	5	6	8	8	0	0	0	0	0	1	5	11	4	8	2	0	0	5	25	1	3	2	2	1	6	8	7	1
	9	489	1016.5	-	15.1	2.0	13.7	79	5.0	3	6	4	12	6	0	0	0	0	0	1	2	5	8	7	8	0	0	10	21	0	2	6	1	2	5	5	6	4
	15	489	1015.8	-	19.2	4.5	13.3	60	5.6	1	4	6	14	6	0	0	0	0	0	0	1	1	8	10	11	0	0	15	16	0	6	2	1	2	2	6	8	4
	21	489	1016.7	-	14.7	1.8	13.5	80	4.5	2	9	3	13	4	0	0	0	0	0	0	2	7	10	9	3	0	0	4	26	1	3	4	2	0	8	7	5	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
5 ENGLAND, S.E.—cont.																																												
Boscombe Down H	3	419	1016.4	-	11.8	0.7	12.8	91	4.1	5	8	4	7	6	1	0	1	0	0	0	1	14	13	2	0	0	0	4	19	8	3	1	3	2	1	4	3	6						
	9	419	1016.6	-	16.4	2.6	13.8	73	4.5	2	9	6	8	6	0	0	0	0	0	0	0	5	13	10	3	0	0	14	16	1	3	4	3	2	3	4	4	7						
	15	419	1016.0	-	19.8	4.8	13.3	58	5.4	2	3	6	15	5	0	0	0	0	0	0	0	3	12	9	7	0	2	14	15	0	6	2	2	1	4	5	7	4						
	21	419	1016.9	-	14.5	1.8	13.4	80	4.0	7	5	4	13	2	0	0	0	0	0	0	0	8	15	8	0	0	0	9	21	1	4	3	2	2	4	3	9	3						
Upavon ... H	9	582	1016.1	-	15.6	1.9	14.2	79	4.5	2	7	8	7	7	0	0	0	0	0	0	0	11	6	7	7	0	0	12	18	1	6	3	3	0	5	5	1	7						
	15	582	1015.5	-	19.4	4.2	14.2	63	5.5	2	2	7	16	4	0	0	0	0	0	0	1	3	9	9	9	0	1	14	15	1	4	4	1	3	2	5	6	5						
	21	582	1016.5	-	14.3	1.5	13.7	83	4.1	6	7	2	14	2	0	0	0	0	0	1	8	10	11	1		0	1	8	16	6	6	2	1	4	2	3	3	4						
7a ENGLAND, N.W.																																												
Cumberland Carlisle ... H	3	92	1014.5	-	11.5	0.7	12.6	91	5.5	3	5	2	8	13	0	0	0	0	0	0	1	10	10	8	2	0	0	4	18	9	0	4	2	4	0	6	5	1						
	9	92	1014.9	-	14.4	1.7	13.4	81	5.7	1	2	8	13	7	0	0	0	0	0	1	0	8	8	8	6	0	1	2	25	3	4	2	5	3	3	5	6	0						
	15	92	1014.8	-	17.1	3.1	13.5	69	6.0	0	2	8	16	5	0	0	0	0	0	0	0	4	7	10	10	0	0	11	18	2	1	1	4	2	0	9	11	1						
	21	92	1015.3	-	13.5	1.2	13.5	86	5.3	1	5	7	13	5	0	0	0	0	0	0	1	5	17	4	4	0	0	4	20	7	1	2	5	0	1	7	8	0						
Lancashire Squires Gate H	3	35	1014.5	-	12.5	0.7	13.6	93	5.8	3	2	5	11	10	0	0	0	0	2	0	7	6	8	7	1	0	2	10	18	1	2	2	7	2	4	2	5	6						
	9	35	1015.1	-	15.7	1.9	14.5	81	5.7	0	6	2	19	4	0	0	0	0	0	2	8	12	9	0	0	0	1	13	15	2	2	0	4	4	5	4	6	4						
	15	35	1015.1	-	17.4	2.7	14.7	73	5.2	0	5	10	14	2	0	0	0	0	0	0	2	9	11	9	0	0	3	13	15	0	1	0	0	2	1	6	11	0						
	21	35	1015.2	-	14.3	1.3	14.0	85	5.5	1	3	8	13	6	0	0	0	0	0	4	12	8	7	0	0	0	0	13	16	2	2	0	7	2	2	1	9	6						
Speke ... H	3	85	1014.9	-	13.4	1.1	13.7	88	5.3	2	3	9	8	9	0	0	0	0	0	4	9	9	8	1	0	1	7	17	6	2	0	0	6	7	2	4	4						
	9	85	1015.5	-	15.7	2.2	13.8	77	5.8	2	3	4	14	8	0	0	0	0	0	1	3	12	8	7	0	0	0	11	16	4	1	2	2	4	7	3	3	5						
	15	85	1015.3	-	18.6	3.9	13.6	63	6.0	0	2	7	17	5	0	0	0	0	0	0	6	10	6	9	0	0	3	14	13	1	1	1	2	1	4	3	10	8						
	21	85	1015.6	-	15.2	2.0	13.7	78	5.1	0	8	7	9	7	0	0	0	0	0	3	11	11	6	0	0	1	6	22	2	4	3	1	2	6	2	5	6							
Cheshire Ringway H	3	251	1014.7	-	12.2	1.1	12.5	87	5.2	4	5	6	5	11	0	0	0	0	0	1	7	13	7	3	0	0	0	4	19	8	2	2	0	4	10	1	3	1						
	9	251	1015.3	-	15.0	2.3	12.9	75	5.3	3	3	6	13	6	0	0	0	0	0	4	13	12	2	0	0	0	0	6	22	3	2	3	0	1	10	5	3	4						
	15	251	1014.9	-	18.3	4.7	12.0	58	5.5	0	2	11	14	4	0	0	0	0	0	0	0	7	12	10	2	0	1	9	20	1	1	2	2	1	3	6	10	5						
	21	251	1015.4	-	14.5	2.1	12.8	77	4.9	2	7	5	10	7	0	0	0	0	0	1	3	15	10	2	0	0	0	3	25	3	1	3	2	2	6	4	6	4						
7b NORTH WALES																																												
Anglesey Valley ... H	3	36	1014.7	-	12.9	0.4	14.3	94	5.2	3	4	6	8	10	0	0	0	0	0	0	1	9	9	7	5	0	5	8	14	4	2	2	1	3	7	2	6	4						
	9	36	1015.7	+1.7	15.3	1.3	15.1	86	6.0	0	4	4	14	9	0	0	0	0	0	0	0	8	11	5	7	0	6	12	9	4	2	2	2	1	7	3	4	6						
	15	36	1015.3	-	17.1	2.2	15.3	78	4.6	0	8	10	8	5	0	0	0	0	0	0	1	4	6	6	14	0	4	13	14	0	2	3	0	1	7	8	4	6						
	21	36	1015.3	-	13.7	0.6	14.7	93	5.1	1	6	7	8	9	0	0	0	0	0	0	2	6	7	7	9	1	3	9	15	3	4	3	1	0	9	4	4	3						
8a SOUTH WALES																																												
Cardigan Aberporth H	3	382	1015.6	-	12.9	0.9	13.5	89	5.1	5	3	4	9	10	0	0	0	0	0	0	1	8	8	11	3	0	1	11	15	4	0	1	0	3	11	3	5	4						
	9	382	1016.0	-	15.1	1.7	14.1	81	5.6	0	4	6	14	6	1	0	0	1	0	0	0	6	10	8	6	0	1	16	12	2	2	2	1	2	9	3	6	4						
	15	382	1015.9	-	16.7	2.4	14.0	73	5.0	0	9	5	13	4	0	0	0	0	0	0	0	6	9	3	13	0	2	16	13	0	6	0	2	1	4	1	11	6						
	21	382	1016.3	-	13.6	1.1	13.8	87	4.9	3	8	2	9	9	0	0	0	1	0	0	0	8	7	7	8	0	1	10	15	5	3	1	0	1	8	5	5	3						
Glamorgan Mumbles Head H	3	123	1015.9	-	14.3	1.1	14.4	88	4.8	7	3	4	8	9	0	0	0	0	0	0	0	6	15	9	1	1	4	12	14	0	5	6	0	2	1	6	6	5						
	9	123	1016.5	-	16.0	1.9	14.6	80	5.3	1	6	6	11	7	0	0	0	0	0	0	2	12	10	7	0	0	3	15	12	1	1	3	4	4	3	3	7	5						
	15	123	1016.3	-	17.8	2.9	14.7	72	5.2	1	6	8	7	9	0	0	0	0	0	0	0	10	5	12	4	0	4	16	11	0	2	1	3	2	2	9	10	2						
	21	123	1016.6	-	15.7	1.8	14.6	81	4.5	6	4	6	7	8	0	0	0	0	0	0	0	7	11	9	4	1	3	8	17	2	3	1	3	0	2	4	11	5						
Rhoose ... H	3	225	1016.0	-	12.4	0.4	13.8	92	4.4	8	4	5	3	11	0	0	0	0	0	0	1	8	3	15	4	0	0	8	18	5	3	3	5	1	0	4	4	6						
	9	225	1016.4	-	15.9	1.8	14.7	81	5.3	0	8	4	14	5	0	0	0	0	0	0	3	8	10	7	3	0	0	13	18	0	1	3	4	1	6	3	5	8						
	15	225	1016.1	-	18.4	3.4	14.5	69	5.1	1	7	6	10	7	0	0	0	0	0	0	2	5	5	4	15	0	2	13	16	0	0	3	1	2	3	3	15	4						
	21	225	1016.7	-	14.3	1.3	14.3	86	4.3	8	4	3	9	7	0	0	0	0	0	0	2	9	7	4	9	0	0	10	19	2	5	3	1	1	1	3	6	9						
8b ENGLAND, S.W.																																												
Dorset Portland Bill H	3	35	1015.5	-	14.7	1.9	14.8	86	2.8	12	6	5	3	5	0	0	0	0	0	0	0	2	7	1	21	0	7	9	13	2	4	8	1	2	0	3	9	2						
	9	35	1016.5	-	16.3	1.6	15.4	83	5.1	2	6	6	8	9	0	0	0	0	0	0	0	5	4	21	1	0	5	14	12	0	2	5	7	0	3	2	10	2						
	15	35	1016.3	-	18.2	2.3	16.4	78	4.7	4	4	8	8	7	0	0	0	0	0	0	0	9	1	2	19	0	8	11	11	1	1	1	3	2	3	7	12	1						
	21	35	1016.5	-	16.0	1.5	15.5	85	4.3	5	7	6	3	9	1	1	0	0	0	0	0	7	4	18	1	0	4	15	8	4	7	1	2	1	0	2	7	7						
Devon Hartland Pt. H	3	306	1015.5	-	14.5	1.2	14.5	87	4.3	9	2	5	7	8	0	0	0	0	0	0	1	6	6	5	13	1	2	16	10	2	0	2	8	1	2	4	5	7						
	9	306	1016.0	-	15.4	1.4	15.	85	5.5	0	7	4	13	6	1	0	1	0	0	0	0	5	7	7	11	0	1	13	16	1	2	7	3	1	1	3	6	7						
	15	306	1016.0	-	16.6	2.0	15.2	80	5.0	0	7	6	13	5	0	0	0	0	0	0	1	5	10	5	10	1	2	14	13	1	1	7	1	0	1	1	12	7						
	21	306	1016.4	-	15.2	1.4	14.9	86	5.4	4	2	4	16	5	0	0	0	0	0	0	0	7	8	5	11	1	3	9	17	1	3	6	2	0	1	1	12	5						
Mount Batten H	3	100	1016.3	-	13.3	0.7	14.2	91	3.7	8	9	0	6	8	0	0	0	0	0	1	3	11	13	3	0	0	0	5	17	9	2	2	2	1	1	2	5	7						
	9	100	1016.7	+0.7	16.3	1.8	15.2	82	5.0	3	5	6	11	6	0	0	0	0	0	0	2	9	10	7	3	0	1	9	18	3	3	0	7	0	4	3	6	5						
	15	100	1016.5	-	18.1	2.8	15.2	73	5.1	0	6	8	12	5	0	0	0	0	0	0	0	7	9	9	6	0	1	17	13	0	1	1	2	2	11	3	4	7						
	21	100	1017.0	-	15.3	1.4	14.9	85	4.8	6	3	5	9	8	0	0	0	0	0	0	1	12	8	7	3	0	0	7	20	4	2	2	1	1	0	5	6	10						
Chivenor ... H	3	23	1016.4	-	13.1	0.7	14.0	92	4.7	5	5	5	8	8	0	0	0	2	0	0	0	8	4	8	9	0	1	5	13	12	0	0	9	3	0	2	2	3						
	9	23	1016.9	-	16.1	1.7	15.1	82	5.6	0	5	5	15	6	0	0	0	1	0	0	0	4	7	6	13	0	0	12	13	6	0	1	3	3	3	4	7	4						
	15	23	1016.7	-	18.9	3.4	15.1	69	5.4	0	6	8	10	7	0	0	0	0	0	0	0	6	8	3	14	0	1	17	13	0	2	2	2	3	3	1	8	10						
	21	23	1017.2	-	14.9	1.3	14.7	86	5.0	3	5	6	11	6	0	0	2	0	0	0	0	4	7	10	8	0	0	9	14	8	1	1	3	2	2	2	6	6						
Exeter ... H	3	125	1016.6	-	12.3	0.5	13.6	93	4.1	4	10	4	5	8	0	0	0	0	3	0	2	8	6	11	1	0	0	4	18	9	4	4	1	2	4	1	1	5						
	9	125	1017.0	-	16.1	1.9	14.9	81	5.5	0	6	6	10	9	0	0	0	0	0	1	1	6	9	7	7	0	0	13	16	2	6	3	1	2	4	2	5	6						
	15	125	1016.5	-	19.2	3.6	14.9	67	5.2	0	6	8	12	5	0	0	0	0	0	0	0	5	10	5	11	0	2	14	15	0	4	3	0	6	6	2	4	6						
	21	125	1017.3	-	15.9	1.4	14.6	85	4.5	7	3	5	10	6	0	0	0	0	0	0	0	11	10	4	6	0	1	4	22	4	3	3	1	3	5	0	3	9						
Cornwall St. Mary's, Scilly H	3	199	1016.6	-	14.6	0.6	15.5	93	4.1	5	7	7	5	7	0	0	0	0	0	2	2	5	4	5	13	0	0	12	17	2	3	4	2	0	6	2	7	5						
	9	199	1016.8	+0.7	16.6	1.8	15.6	81	4.7	2	6	8	11	3	1	0	0	0	1	1	1	8	4	9	7	0	1	12	16	2	2	3	5	2	4	2	6	5						
	15	199	1017.1	-	18.1	2.6	15.6	75	4.7	0	8	9	9	5	0	0	0	0	0	0	0	9	10	2	10	0	2	11	17	1	3	2	5	1	3	4	12	0						
	21	199	1017.3	-	15.0	1.0	15.3	89	4.9	2	6	7	6	9	1	0	0	0	1	1	1	9	5	2	12	0	3	8	18	2	4	3	3	1	6	2	8	2						
St. Mawgan H	3	350	1016.7	-	13.5	0.6	14.5	93	4.4	7	2	10	1	11	0	0	0	0	0	2	4	8	6	11	0	0	2	8	21	0	2	4	5	1	5	4	6	4						
	9	350	1017.1	-	15.7	1.4	15.2	85	5.4	1	5	7	12	6	0	0	0	0	0	0	2	7	9	6	7	0	2	15	14	0	5	2	3	2	6	3	7	3						
	15	350	1017.0	-	17.3	2.3	15.3	77	5.4	0	7	5	12	7	0	0	0	0	0	0	0	8	6	7	10	0	2	21	8	0	8	0	1	2	4	1	10	5						
	21	350	1017.5	-	14.6	1.1	14.7	88	5.2	2	4	8	11	6	0	0	0	0	0	0	3	8	8	7	5	0	2	8	21	0	5	1	5	3	3	3	9	2						
9 NORTHERN IRELAND																																												
Londonderry Ballykelly H	3	6	1013.7	-	11.4	0.8	12.3	89	5.9	3	3	2	11	11	1	0	0	1	0	1	0	5	8	14	2	0	0	6	13	12	3	1	0	1	1	7	5	1						
	9	6	1013.8	-	14.3	1.6	13.5	82	6.0	0	3	4	16	8	0	0	0	0	0	0	1	3	7	13	7	0	1	7	12	11	3	1	0	2	0	6	8	0						
	15	6	1013.9	-	16.5	2.8	13.5	72	6.0	0	3	6	16	6	0	0	0	0	0	0	0	1	9	7	14	0	1	6	23	1	8	4	2	3	1	1	8	3						
	21	6	1014.6	-	13.0	1.4	12.7	84	5.3	1	5	6	14	5	0	0	0	0	0	0	1	5	5	12	8	0	1	3	20	7	6	1	2	2	2	7	2	2						
Antrim Aldergrove H	3	241	1014.2	-	11.7	0.7	12.8	91	5.9	2	3	3	7	15	1	0	0	0	1	1	2	6	13	8	0	0	1	9	13	8	2	0	2	2	7	3	3	4						
	9	241	1014.5	-	14.1	1.4	13.7	85	6.5	0	3	2	16	10	0	0	0	0	0	0	3	5	7	8	8	0	0	13	16	2	1	1	5	0	5	8	6	3						
	15	241	1014.4	-	16.6	2.7	14.0	75	6.5	0	1	6	16	8	0	0	0	0	0	0	1	4	7	9	10	0	2	10	19	0	5	2	2	4	2	5	8	3						
	21	241	1014.9	-	13.2	1.3	13.0	85	5.7	0	5	6	12	8	0	0	0	0	0	0	2	6	7	8	8	0	1	7	19	4	3	1	6	4	4	3	4	2						
CHANNEL ISLES																																												
Guernsey States Airport H	3	360	1017.0	-	14.5	0.8	15.1	91	3.9	10	3	4	8	6	0	0	2	1	1	0	2	4	2	11	8	0	1	10	18	2	3	3	2	1	3	1	7	9						
	9	360	1017.4	-	16.3	1.8	15.2	82	4.7	2	5	9	12	3	0	0	0	0	0	1	1	7	7	9	6	0	0	18	13	0	3	4	2	2	5	3	4	8						
	15	360	1017.3	-	18.4	3.3	14.7	69	3.7	5	7	9	8	2	0	0	0	0	0	0	0	4	10	9	8	0	1	18	11	1	5	5	2	2	0	4	7	5						
	21	360	1017.7	-	15.3	1.3	14.9	86	3.7	7	6	7	8	3	0	0	0	0	0	0	3	6	5	7	10	0	1	7	21	2	4	3	3	2	1	1	7	8						

H *See* Notes on Tables in the Introduction.

Table XIII—Solar Radiation and Intensity of Illumination August, 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination on a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	527	9	86	8	288.9	31	309	4	84	8	208.0	31	554	9	100	8	319.8	31
Eskdalemuir Observatory ...	578	21	80	22	316.3	31	300	7	80	22	203.1	31	594	21	89	22	338.0	31
Cambridge	592	25	123	19	416.6	31	341	6	107	25	225.2	31	-	-	-	-	-	-
Kingsway	627	23	102	24	424.0	31	329	6	94	19	204.1	31	718	23	113	24	482.7	31
Kew Observatory	616	25	109	24	414.7	31	310	10	99	25	203.6	31	719	25	135	24	475.9	31
Aberporth	688	11	216	2	457.5	31	354	12	98	31	216.1	31	-	-	-	-	-	-

Table VIII—Number of Days in August, 1964 with Maximum and Minimum Temperatures between given limits.

Station	Maximum Temperature °C.								Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	0	2	27	2	0	0	0	0	0	0	0	3	25	3	0
Stornoway	0	0	0	25	6	0	0	0	0	0	0	0	5	13	13	0
Braibstone	0	0	0	14	13	4	0	0	0	0	0	0	2	19	10	0
Rothesay	0	0	0	10	19	2	0	0	0	0	0	0	2	6	23	0
Renfrew	0	0	0	3	23	5	0	0	0	0	0	0	3	8	20	0
Eskdalemuir Observatory	0	0	0	7	22	2	0	0	0	0	0	2	4	11	14	0
Douglas	0	0	0	6	24	1	0	0	0	0	0	0	0	8	23	0
Cockle Park	0	0	0	4	22	5	0	0	0	0	0	0	4	8	19	0
Gorleston	0	0	0	0	19	11	1	0	0	0	0	0	0	7	17	7
Cambridge	0	0	0	1	9	16	4	1	0	0	0	0	6	4	18	3

Station	Maximum Temperature °C.								Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	0	0	1	18	10	2	0	0	0	0	0	0	10	20	1
Kew Observatory	0	0	0	0	10	17	4	0	0	0	0	0	0	7	17	7
Hastings	0	0	0	0	21	10	0	0	0	0	0	0	0	4	18	9
Southampton	0	0	0	0	8	20	3	0	0	0	0	0	0	9	17	5
Stonyhurst	0	0	0	1	25	5	0	0	0	0	0	0	5	5	21	0
Bidston	0	0	0	4	23	4	0	0	0	0	0	0	0	5	24	2
Valley	0	0	0	2	22	7	0	0	0	0	0	0	0	5	24	2
Falmouth	0	0	0	0	27	4	0	0	0	0	0	0	0	5	24	2
Aldergrove	0	0	0	2	23	6	0	0	0	0	0	0	3	9	18	1
Armagh	0	0	0	1	24	6	0	0	0	0	0	0	4	9	17	1

Table II—Additions and Corrections

Month	Station	Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N.	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at	Highest Gust: Speed	Highest Gust: Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.
1964																			
January	Dounreay	110	39	30	-	0	8	49	317	305	59	14	11.3	270	32	31 23	55	31	2300
January	Isle of Grain	48	40	33									4.9						
February	Dounreay	110	39	30	1,3,4,22,23	42	17	154	355	107	26	12	17.6	290	43	1 07	70	1	0345
February	Bell Rock	128	131	124	1,3	12	18	183	373	105	23	0	17.5	230	44	3 06	57	3	0505
February	Millport	50	34	34	-	0	12	52	297	256	81	10	11.4	050	33	18 10	46	18	0940
February	Coryton	66	57	48	-	0	0	0	110	421	90	75	7.2	060	17	19 05	34	19	0505
March	Bell Rock	128	131	124	12-15,19	71	12	148	292	166	67	0	17.2	130	48	14 14	62	14	1450
March	Lowther Hill	2412	43	33	12,16-19,25	73	15	84	354	166	27	40	16.9	120	53	19 15	64	19	1225
March	Coryton	66	57	48	-	0	0	0	189	475	80	0	7.9	070	18	9 12	34	9	1110
March	Isle of Grain	48	40	33									8.0						
April	Millport	50	34	34	-	0	6	11	258	294	151	6	9.0	190	25	15 01	42	30	0945
April	Coryton	66	57	48	-	0	1	1	250	355	114	0	8.4	220	22	21 07	40	21	0225
April	Isle of Grain	48	40	33									7.0						
May	Coryton	66	57	48	-	0	0	0	298	336	72	38	9.4	270	21	7 22	39	7	2040
May	Fleetwood	112	50	31										230					
May	Stansted	351	31	31															

Table III—Additions and Corrections August, 1964

Month	Station	Terminal Hours of Observation: Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of: A Max.	A Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature: 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: ·01in (0·2mm.) or more	·04in (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1964																														
FEB	Avonmouth	9-9	31	7.6	2.4	5.0		13.3	27	5.0	6	-	-	-	-	-	-	-	-	0	0	0	0	0	10	6	-	0	-	-
	Sittingbourne	9-9	224											1.76																
	Winchester	9-9	122										6.8																	
	Chiseldon	9-9	510	6.7	1.2	3.9	-	12.2	1,28	-6.1	6,7	-	-	.90	-	.23	15	13	9	4	3	0	1	0	5	13	15	0	-	-
	Bournemouth	9-9	130																										2.07	72
	Caldecott	9-9	175																										1.93	-
	Knutsford	9-9	212																						1					
	Duntulm	9-9	294																										3.01	139
	Dumfries	9-9	140																										2.22	96
	Gleneagles	9-9	500																										1.99	-
	Blyth Bridge	9-9	830																										2.27	-
	West Lavington	9-9	305											.99	58	.20	23													
	Brighton	9-9	32																								10			
	Long Sutton	9-9	512																										-	-
	Cromer	9-9	178																										2.59	100
	Coltishall	9-9	55																				1							
	Cambridge (N, I, A, B)	9-9	85																										2.11	86
	Aberystwyth	9-9	12	7.8	2.3	5.1	+0.2	11.7	27	-4.4	6,21	-	-	.67	-	.15	4	13	5	-	0	-	-	-	0	7	-	-	-	-
	Ceinws	9-9	200													.68	2													
	Newport	9-9	75	7.4	2.3	4.9	+0.5																						1.65	-
	Usk	9-9	70	7.7	0.8	4.3																							1.71	-
	Blaenau Ffestiniog	9-9	750											2.11	-	.70	2	16	14											
1964																														
ANNUAL	Botwnnog	9-9	112																								93			

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MO 754

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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September 1964 — *Sunny and dry except in north and west Scotland.*

Apart from the third week, when the country was under the influence of a rather complex low pressure area, weather during September was predominantly anticyclonic in character, although small disturbances from the Atlantic brought changeable cyclonic weather to northern districts on the 5th-11th and to northern and western districts on the 24th-26th.

The first two days were warm and sunny as a large anticyclone over the North Sea drifted slowly eastwards. Winds were mainly south-easterly reaching gale force at times along the English Channel coasts on the 1st. On the 3rd winds became light and variable but there was little change in the general weather apart from the formation of fairly extensive fog patches in some coastal areas; afternoon temperatures exceeded 25°C at places as far apart as Ellbridge, Cornwall and Stirling on the 4th.

Rain from an Atlantic trough reached Western Scotland early on the 5th; it spread to all areas by the evening becoming heavy at times in the west and north, but amounts were small in the south-east where in some areas it was the first measureable rain for 17 days. After a day of scattered showers in a north-westerly airstream rain was again widespread on the 7th as a depression skirted the north of Scotland; amounts were generally small especially in south-east England. During the next three to four days a series of troughs and ridges from the west brought variable cloud and rain at times to Scotland; some places had over an inch on the 9th. High pressure over France, however, maintained generally warm sunny weather over south-east England where afternoon temperatures exceeded 26°C locally on both the 10th and 11th.

The fine warm weather spread to the whole country on the 12th as an anticyclone moved east-south-east across the British Isles, and most of southern England had 8-10 hours of sunshine on the 13th.

Widespread and locally heavy rain on the 14th and for much of the 15th heralded a week of cooler more changeable weather. Winds increased to gale force in many districts on the 16th as a depression previously south of Iceland became complex while moving steadily eastwards across the British Isles. An unstable airstream from high latitudes on the western flank of the disturbance brought frequent showers and scattered thunderstorms to most districts. The showers gradually became less frequent during the next two days as the depression moved away north-eastwards. Another trough from the Atlantic brought rain to the whole country on the night of the 18th/19th, but the rain gave place to fair periods and showers in a north-westerly airstream on the 19th and 20th, the showers being largely confined to Wales, England north of the Wash and to Scotland.

Another spell of fine sunny weather began over the southern half of the British Isles on the 21st as an anticyclone from the Bay of Biscay moved slowly north-east. Nights were clear and cold-the 20th/21st was the coldest night of the month with fairly widespread air frost over northern and central England—but day temperatures increased progressively reaching 25°C in parts of Lincolnshire and East Anglia on the 25th. In the north, however, the cool changeable weather continued. A deep depression moving northward off the coast of Ireland brought gales to south-west England and to Wales on the 24th and to western Scotland on the 25th.

An anticyclone spread over southern England on the 27th and westerly winds round its northern flank brought rather cooler weather to most southern districts after the clearance of early morning fog patches. Another ridge from the west brought brighter weather to Scotland on the 29th, and the month ended fine and sunny nearly everywhere with afternoon temperatures well above average.

Pressure and Wind — Mean pressure at 9hr was below the 1921-50 average in the north-west but above in the south-east, the deviation ranging from −1.0 mb at Tiree to +2.1 mb at Gorleston. Surface winds were mainly south-easterly at first, light and variable on the 3rd-5th becoming predominantly westerly from then until the 20th, after which they were mainly southerly on the 21st-25th, south-westerly on the 26th-28th becoming light and variable during the last two days of the month. Winds reached gale force in Scotland on 11 days and in England and Wales on the 1st, 14th-17th, 24th and 25th (7 days). Gales were widespread on the 16th. A gust of 74 kt was recorded at the high level station of Lowther Hill (2412 ft) on the 24th and one of 63 kt at Stornoway on the 25th.

Temperature — In Scotland the first three or four days of the month were the warmest though night temperatures were below the average. Night temperatures were 3−5°C above the average over most of the country around the 9th/10th. In south-east England day temperatures were mainly above the average except during the third week; night temperatures were mostly below the average after the 19th. The 25th was the warmest September day in the London area for 15 years.

Extremes included: (England and Wales) 27.8°C at Gillingham on the 11th, −2.8°C at Kielder Castle on the 21st. (Scotland) 25.0°C at Stirling and at Mertoun on the 4th, −4.4°C at Glentress on the 21st. (Northern Ireland) 22.2°C at Armagh on the 3rd, 0.0°C at Lisnafillan and at Lough Bradan on the 21st.

Rainfall — In Scotland rainfall was 50 per cent above the average in parts of the west and in the extreme north-east and below average in some eastern coastal areas south of Aberdeen. In England and Wales rainfall was generally below the average being less than 25 per cent of the average over much of East Anglia, Kent, Montgomery, Warwickshire, Leicestershire and Lincolnshire.

Thunder was heard on 11 days in Scotland and on the 1st, 3rd, 6th, 14th-17th, 20th, 25th and 26th (12 days) in England and Wales. Thunderstorms were fairly widespread on the 14th and 16th.

Sleet was reported over high ground in Scotland on the 20th.

Sunshine — In Scotland sunshine was below the average in the north and over the Western Isles, but most other parts reported an excess. Stornoway had its dullest September since 1895. In England and Wales sunshine was everywhere above the average being more than 60 per cent above over parts of the midlands and London area where amounts were more than during the unusually sunny September of 1959. At Worthing it was the sunniest September for 36 years.

Fog — In Scotland fog was observed at 9hr at one place or another on 21 days, and in England and Wales on 13 days; it was fairly extensive in the Midlands and north-east England on the 3rd-5th and in south-east England on the 27th, 29th and 30th.

Miscellaneous Phenomena — The aurora was visible in Scotland on 10 nights.

TABLE I—DISTRICT VALUES— SEPTEMBER, 1964 (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
0 SCOTLAND, N.	23.3	-2.8	-0.6	-1.1	-0.8	-	-	+1	134	92
1 SCOTLAND, E.	25.0	-4.4	0.0	-0.5	-0.2	-	-	+1	90	109
2 ENGLAND, N.E.	25.0	-2.8	+0.8	-0.4	+0.2	0.0	+0.1	-4	41	123
3 ENGLAND, E.	27.2	-1.7	+1.2	-0.7	+0.3	-0.4	0.0	-7	23	136
4 MIDLANDS	25.6	-1.7	+1.3	-0.6	+0.4	0.0	+0.2	-6	29	146
5 ENGLAND, S.E.	27.8	0.6	+1.6	-0.2	+0.7	+0.2	+0.1	-5	32	145
6 SCOTLAND, W.	25.0	-4.4	+0.1	+0.2	+0.2	+0.2	-0.3	+1	128	116
7 ENGLAND, N.W. and N. Wales	24.4	-2.2	+0.7	-0.1	+0.3	-0.3	0.0	-2	59	127
8 ENGLAND, S.W. and S. Wales	26.1	-1.7	+1.1	-0.2	+0.4	+0.4	+0.4	-6	45	135
N. IRELAND	22.2	0.0	+0.4	-0.2	+0.1	-	-	+1	89	119
SCOTLAND	25.0	-4.4	-0.2	-0.5	-0.3	-	-	+1	116	106
ENG. and WALES	27.8	-2.8	+1.1	-0.4	+0.4	-	-	-5	43	135

FH2A

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER, 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22 to 33 knots: No. of days	Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Speed	Hour ended at		Highest Gust: Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	hr
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	28	4	9	48	324	269	75	0	11.5	230	38	28	20	56	28	1925
Orkney	Kirkwall	134	50	33	-	0	10	54	343	266	57	0	12.0	260	30	17	09	45	17	0845
Caithness	Dounreay	110	39	30	-	0	12	65	347	250	0	58	13.0	300	33	17	10	54	17	0925
Sutherland	Shin	78	33	33	-	0	1	5	174	251	274	16	6.7	270	26	17	11	50	17	1525
Ross &	Stornoway (Coastguard)	120	40	36	11,17,25	21	14	110	304	115	170	0	12.9	200	42	25	11	63	25	0530
Cromarty	Duirinish	125	65	55	25	9	9	46	280	280	105	0	10.8	170	38	25	06	60	25	0440
Inverness	Benbecula	69	51	35	25	12	11	71	382	226	29	0	13.3	190	37	25	07	59	25	0535
1 Moray	Lossiemouth	101	80	60	-	0	8	31	225	241	223	0	8.1	360	31	11	16	49	11	1550
Aberdeen	Dyce	234	30	30	25	1	8	29	325	244	121	0	10.0	210	34	25	06	54	25	0420
Angus	Auchterhouse ...	822	62	50	-	0	2	2	178	296	226	18	7.1	290	23	11	16	38	11	1535
	Bell Rock Lighthouse	126	131	124	11,18,25	7	21	191	332	105	85	0	16.2	360	35	11	20	47	25	0025
Perth	Rannoch	1006	56	57	-	0	7	20	244	223	233	0	8.1	210	27	25	05	46	24	2200
Fife	Leuchars	78	40	40	-	0	6	21	277	268	154	0	9.4	260	26	11	16	41	11	1455
Midlothian	Turnhouse	137	40	33	-	0	8	25	282	273	140	0	9.9	250	31	11	15	47	11	1420
	Edinburgh, Blackford Hill	496	50	34	22,23	2	14	102	314	236	66	0	12.7	180	36	23	04	59	25	0005
6a Argyll	Tiree	89	60	47	11,24,25	15	18	148	393	100	64	0	15.7	190	39	25	05	60	25	0340
Bute	Millport	50	34	34	ß															
Renfrew	Paisley	188	81	31	-	0	3	9	137	325	249	0	6.5	260	32	11	14	62	11	1305
	Renfrew	71	41	39	-	0	4	13	256	308	143	0	8.9	250	31	11	13	53	11	1220
Lanark	Lowther Hill ...	2412	43	33	11,16-19,21,24,25	35	23	283	279	117	6	0	19.8	200	51	24	23	74	24	2245
Ayr	Prestwick Airport ...	68	33	33	-	0	2	7	284	345	84	0	9.2	180	26	24	24	38	11	1220
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	4	19	110	299	292	0	6.1	200	29	24	23	54	11	1040
Wigtown	West Freugh ...	81	33	33	-	0	7	25	349	262	84	0	10.7	200	33	24	22	52	24	2040
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	22,24	5	15	124	381	166	44	0	14.7	190	43	24	21	62	24	2030
	Point of Ayre ...	64	33	33	-	0	11	49	436	212	23	0	13.2	190	26	24	23	56	16	0835
2 Durham	Durham	389	53	33	-	0	5	23	228	332	137	0	8.5	300	27	18	09	46	11	1405
	South Shields ...	73	57	44	-	0	2	4	203	384	129	0	8.0	270	25	11	14	42	11	1305
Lincoln	Cranwell	268	47	47	-	0	5	15	279	320	106	0	9.7	240	26	16	18	45	16	1735
3 Norfolk	Gorleston	45	33	33	-	0	2	9	302	398	11	0	10.5	170	33	16	13	45	16	1210
Suffolk	Mildenhall	98	83	60	-	0	1	2	124	403	191	0	6.5	250	24	16	18	44	16	1650
Bedford	Bedford	327	42	30	-	0	2	3	246	402	69	0	8.9	240	25	16	17	47	16	1635
	Cardington	226	133	133	-	0	4	16	357	264	83	0	10.6	240	31	16	17	49	16	1505
Hertford	Garston	307	50	33	-	0	0	0	57	445	218	0	5.4	270	18	16	17	40	17	1200
	Rothamsted	461	41	33	-	0	0	0	33	426	249	12	5.0	240	16	16	17	36	16	1610
Essex	Stansted ...	351	31	31	-	0	1	2	228	416	74	0	8.6	250	25	16	17	42	16	1635
	Coryton	66	57	48	-	0	1	3	228	378	63	48	8.8	280	23	16	16	47	16	1545
	Shoeburyness ...	118	106	91	16	3	8	35	366	294	22	0	11.9	180	35	16	12	56	16	1320
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	18	333	369	0	4.0	270	15	16	18	40	16	1700
Warwick	Edgbaston	643	118	73	-	0	0	0	76	569	75	0	7.0	210	20	24	17	37	16	1535
	Elmdon	343	31	31	-	0	1	6	262	337	115	0	8.8	250	26	16	16	47	16	1455
Buckingham	Amersham	500	50	50	-	0	0	0	35	517	168	0	5.9	-	16	16	16	38	16	1545
Stafford	Keele	706	50	33	-	0	0	0	72	423	225	0	5.6	210	20	24	18	43	16	1210
Gloucester	Avonmouth	92	61	33	-	0	3	19	255	226	169	51	8.8	250	33	16	14	48	16	1300
5 London	Kingsway	208	143	41	-	0	1	2	140	472	106	0	7.5	210	22	16	16	48	16	1540
Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	5	184	417	114	0	8.2	230	24	16	16	42	16	1515
	Hampton	139	101	100	-	0	1	1	121	360	238	0	6.1	250	23	16	16	45	16	1530
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	142	433	145	0	7.2	250	21	16	16	45	16	1535
	Gatwick	232	38	33	-	0	1	1	140	405	174	0	6.8	230	24	16	15	40	16	1210
Kent	Isle of Grain ...	48	40	33	-	0	0	0	136	339	245	0	6.3	240	21	16	17	40	16	1315
	Dover	68	38	62	-	0	2	8	181	370	161	0	7.8	190	26	16	12	49	16	1325
Sussex	Thorney Island ...	75	65	42	-	0	1	5	145	353	217	0	6.6	200	23	16	09	41	16	1420
Hampshire	Hurn	86	53	46	-	0	1	7	215	348	150	0	8.1	210	26	16	10	43	16	0820
	Calshot	50	41	33	-	0	2	7	360	323	30	0	11.1	210	28	16	11	40	16	1050
	S. Farnborough ...	315	69	35	-	0	1	3	238	322	157	0	8.3	250	29	16	16	46	16	1500
Berkshire	Abingdon	295	40	40	-	0	1	3	227	313	177	0	7.9	250	28	16	15	43	16	1340
Wiltshire	Larkhill	491	51	36	-	0	1	3	160	366	191	0	6.7	250	25	16	15	46	16	1420
	Boscombe Down ...	425	55	55	-	0	3	8	297	333	82	0	9.6	240	24	16	13	43	16	1510
	Porton	406	44	44	-	0	1	2	113	283	322	0	5.5	240	23	16	14	45	15	1145
7a Cumberland	Carlisle	137	42	30	-	0	2	4	249	321	146	0	8.3	240	24	25	03	40	25	0230
	Sellafield	83	39	35	-	0	8	17	470	191	42	0	12.3	310	25	19	07	37	19	0805
	Spadeadam	959	51	50	-	0	3	10	303	321	86	0	9.8	240	25	11	12	45	11	0955
Westmorland	Great Dun Fell ...	2813	33	33	7,10,11,14-17 ∅	83	21	314	203	63	57	0	21.3	210	50	24	23	64	24	2310
	Moor House ...	1960	50	45																
Lancashire	Squires Gate ...	88	55	35	-	0	12	96	458	133	33	0	14.9	290	30	16	17	44	16	1655
	Southport	59	41	33	-	0	6	33	232	238	180	37	9.1	290	28	16	18	46	16	1635
	Fleetwood	112	50	31	-	0	6	46	311	288	74	1	10.9	280	31	16	18	43	16	1705
	Speke	109	41	33	-	0	3	12	343	281	84	0	10.4	260	30	16	16	47	16	1625
	Manchester W/Centre	268	147	55	-	0	1	1	147	438	134	0	7.4	260	22	16	17	47	16	1610
Cheshire	Bidston Observatory	262	64	39	16	1	5	28	316	324	43	8	-	260	36	16	16	62	16	1540
	Ringway	261	33	33	-	0	2	6	221	359	134	0	8.1	200	26	16	14	45	16	1330
7b Anglesey	Valley	86	53	40	24	8	19	163	328	148	73	0	15.0	180	40	24	19	55	24	1815
8a Cardigan	Aberporth	483	41	41	16	1	14	68	380	194	77	0	12.7	270	34	16	13	53	24	1500
Pembroke	Brawdy	432	68	45	16,24	4	8	45	378	232	61	0	11.8	160	36	24	14	56	16	0740
Glamorgan	Port Talbot	91	40	35	16	1	4	19	375	198	127	0	10.7	250	35	16	12	51	16	1135
	Rhoose	257	37	32	16	3	1	9	345	328	35	0	10.7	270	38	16	13	56	16	1300
8b Dorset	Portland Bill ...	190	155	155	1,14-17,30	50	21	256	285	116	13	0	19.9	220	45	16	09	58	16	0855
Devon	Plymouth Hoe ...	191	88	65	16	1	4	36	250	277	156	0	9.2	-	36	16	06	49	16	0550
Cornwall	St. Mary's, Scilly ...	230	55	57	16	4	6	78	323	204	111	0	12.0	230	38	16	07	57	16	0725
	The Lizard	315	75	60	16	3	10	87	346	238	46	0	13.0	200	36	16	05	53	16	0405
NORTHERN IRELAND																				
Londonderry	Ballykelly	56	50	35	-	0	4	16	248	275	181	0	8.4	290	28	19	04	53	19	0410
Antrim	Aldergrove	263	33	33	-	0	4	20	441	193	66	0	11.8	200	32	24	24	52	24	2315
Fermanagh	Castle Archdale ...	263	43	43	24	1	4	8	268	320	123	0	9.1	200	34	24	23	56	24	2220
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	-	0	6	51	478	163	28	0	13.5	250	29	16	22	44	16	0945

‡ Record ceased ‡ Incomplete record * Defective record

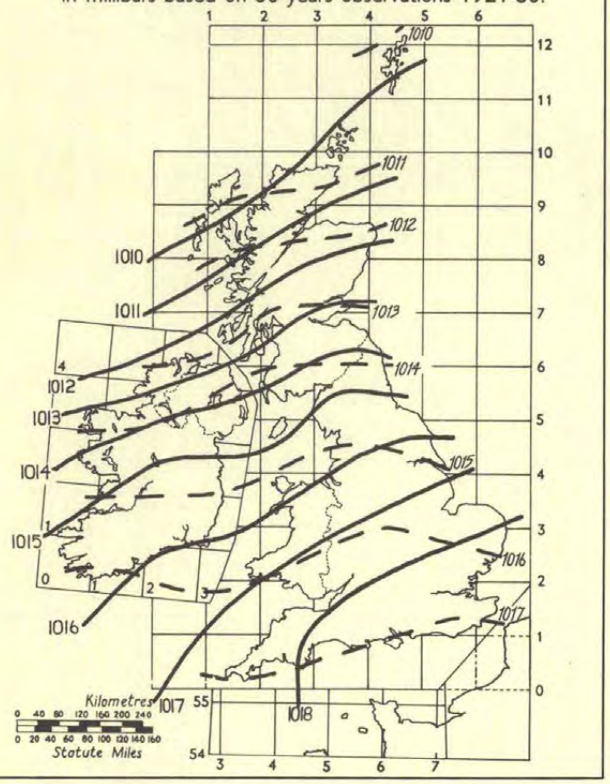
ß Anemograph out of order

∅ Also on 19th, 22nd, 24th and 25th

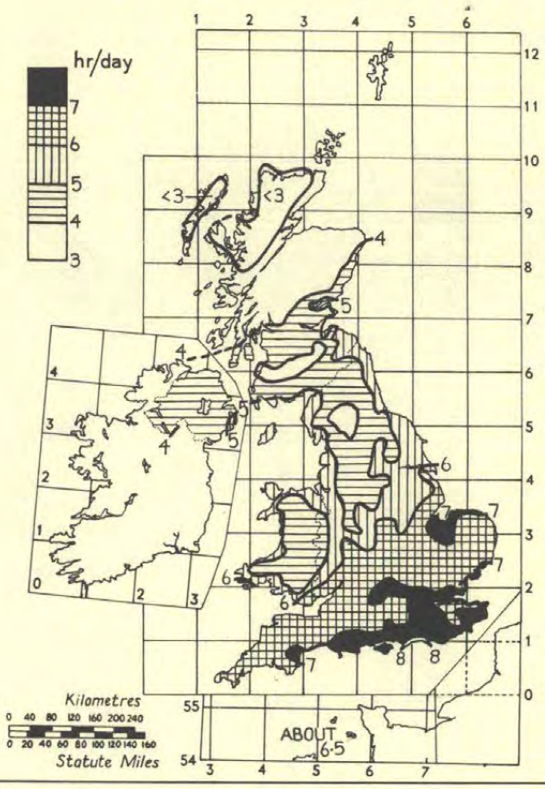
MONTHLY WEATHER CHARTS SEPTEMBER 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



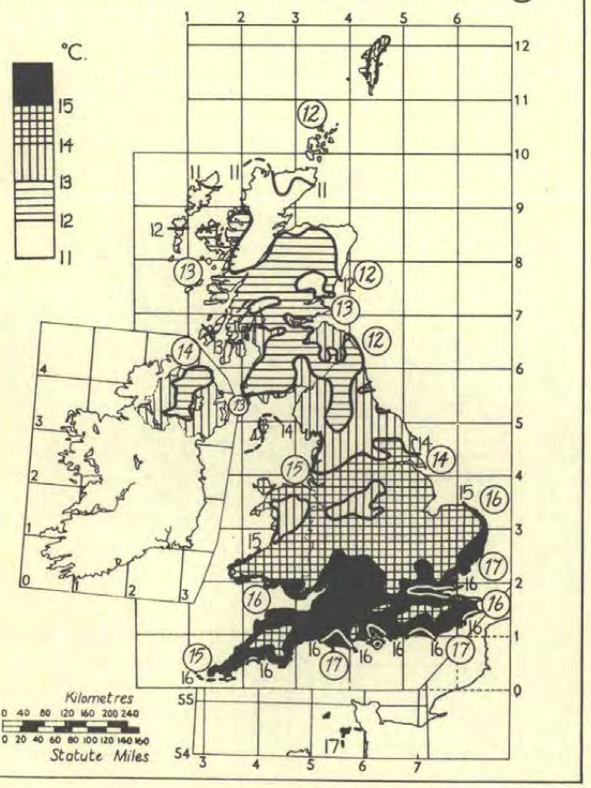
BRIGHT SUNSHINE



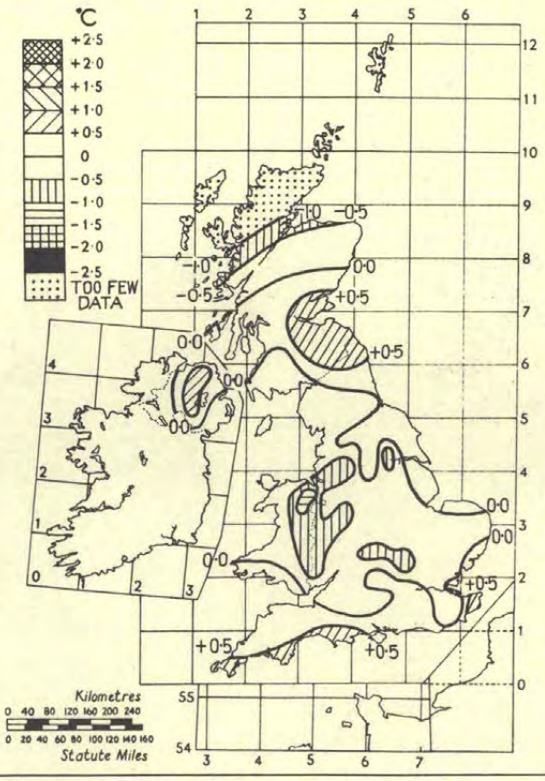
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

SEPTEMBER 1964

The equivalent values in mm. are given in round numbers. The exact relation is 10 in. = 254 mm.

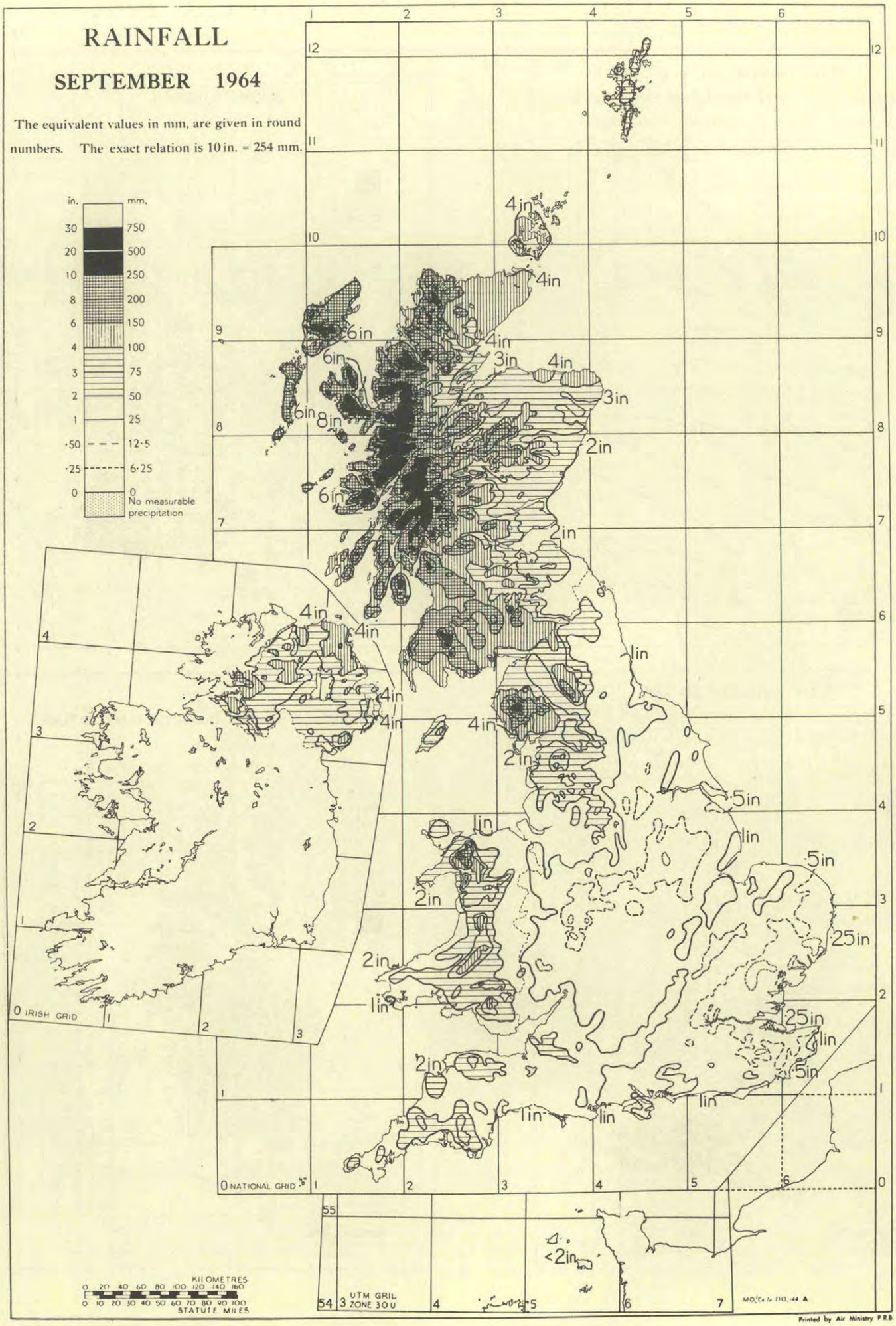


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TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0·1in.(0·2mm.) or more	0·4in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost ↑	Grass min below 0° C.	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND. N.																													
Zetland	Hamnavoe	9 9	70	12.2	8.2	10.2	-	15.6	24	3.3	10	-	-	2.96	-	.75	13	21	17	0	0	0	0	0	2	0	-	3	3.87	-
	Lerwick Obs'y. ¶§	21-9	269	11.5	6.8	9.1	-1.5	14.6	1	1.7	9,10,20	-	-	3.39	86	.63	13	22	14	1	0	0	1	0	5	0	3	1	3.49	99
	Baltasound	9 9	78	12.2	6.4	9.3	-	15.6	1	0.6	11	10.0	-	3.25	80	.58	13	22	15	1	0	0	0	0	3	0	-	2	3.27	-
Orkney	Sule Skerry	9 9	43	12.2	9.3	10.7	-	16.2	3	5.2	21	-	-	6.07	-	.77	18	24	20	0	0	0	0	0	1	0	0	0	-	-
	Stenness	9 9	75	13.4	7.8	10.6	-	19.4	1,3	2.2	12	10.7	-	5.06	-	.85	17	24	17	0	0	0	0	0	0	0	3	2	3.44	-
	Costa	9 9	115																											
	Kirkwall	21-9	84	12.8	7.5	10.1	-	17.5	4	1.8	12	-	-	4.91	131	.81	17	23	18	0	0	0	0	0	0	0	1	0	3.36	86
Caithness	Dounreay	9 9	70	14.4	7.2	10.8	-	20.6	1,3	(3.3)	30	-	-	4.85	-	.94	17	20	16	0	0	0	0	0	0	0	1	2	-	-
	Wick ¶§	21-9	119	13.4	7.8	10.6	-0.9	18.4	7	1.5	12	-	-	4.63	160	.66	17	19	17	0	0	0	0	0	0	0	2	0	3.45	88
Sutherland	Cape Wrath	21-9	367	13.2	7.8	10.5	-1.1	20.0	1	4.3	21	-	-	5.39	117	.83	22	24	20	0	0	0	0	0	2	0	0	3	2.94	-
	Achany	9 9	280	15.4	5.6	10.5	-	22.8	3	-1.1	12	11.1	10.9	4.40	121	.67	9,10	25	20	0	0	1	0	0	0	2	15	0	-	-
	Strathy	9 9	120	14.4	7.1	10.7	-0.7	21.1	3	2.2	12	-	-	4.39	108	.95	17	23	18	0	0	0	0	0	0	0	-	0	2.83	84
Ross &	Stornoway ¶§	21-9	11	13.8	7.9	10.9	-0.9	18.7	1	-0.4	21	-	-	6.89	184	1.07	10	26	22	0	0	0	0	0	0	1	5	3	2.51	68
Cromarty	Balmacara	9 9	2	15.4	8.6	12.0	-	22.2	1	1.7	21	-	-	8.04	-	1.18	22	25	23	-	0	-	-	-	-	0	-	-	-	-
	Poolewe	9 9	20	15.3	9.2	12.3	-	21.7	1	2.8	12	-	-	6.20	-	.66	22	21	21	-	-	-	-	-	0	0	0	-	3.17	-
	Inverpolly	9 9	45	15.1	8.5	11.8	-	21.1	1,2	1.7	12	12.1	-	5.69	-	.67	22	25	22	0	0	1	0	0	-	0	3	0	2.76	-
	Achnashellach	9 9	220	15.5	7.4	11.5	-0.1	23.3	1	1.1	21	-	-	10.02	141	1.63	9	26	23	0	0	0	0	0	0	0	-	0	-	-
	Kinlochewe	9 9	76	15.6	8.3	11.9	-	22.8	1	1.1	21	12.1	-	8.35	-	1.08	22	24	22	0	0	0	0	0	0	0	3	0	2.53	- S
	Blackbridge	9 9	690	15.7	8.6	12.1	-	21.1	7,8	2.2	20,21	-	-	5.45	-	.70	8	21	19	-	-	-	-	-	0	0	2	-	3.71	-
	Fortrose ¶§	9 9	15	14.8	9.2	12.0	-0.8	18.9	2,7	3.3	21	-	-	2.40	109	.60	10	19	10	-	0	-	-	-	0	0	-	-	3.32	85
	Tarbatness	21-9	60	14.2	9.2	11.7	-	18.5	(7),22	4.0	12	-	-	3.50	-	.86	10	20	16	0	0	1	0	0	1	0	-	0	-	-
Inverness	Benbecula	21-9	19	14.1	9.9	12.0	-0.3	17.8	1	2.4	21	-	-	6.34	150	1.60	13	23	20	0	0	0	0	0	1	0	3	1	2.76	-
	Isle of Rhum	9 9	15	15.4	9.3	12.3	-	21.1	3	0.6	21	13.4	13.0	12.95	-	2.39	13	24	22	0	0	0	1	0	0	0	1	11	-	-
	Prabost	9 9	220	14.6	8.9	11.7	-	20.0	1	1.1	21	-	-	9.44	-	1.54	13	27	23	0	0	0	2	0	1	0	4	2	2.65	-
	Duntulm	9 9	294	13.9	8.7	11.3	-0.5	18.9	2	2.8	21	-	-	7.69	152	1.44	13	26	22	0	0	0	0	0	3	0	1	1	2.62	77 S
	Onich ¶§	9 9	48	15.9	8.5	12.2	0.0	21.1	2	-0.6	21	-	-	9.32	129	1.60	22	22	18	0	0	0	0	0	1	1	5	0	3.60	120 S
	Fort William	9 9	27	15.9	7.9	11.9	-	22.2	1	-1.1	21	12.7	13.3	7.99	-	1.14	22	21	17	0	0	0	0	0	0	1	2	1	3.19	- S
	Fort Augustus	9 9	70	15.8	7.7	11.7	-0.2	22.8	3	0.6	30	-	-	5.49	-	1.08	9	20	16	0	0	0	0	0	2	0	-	0	3.25	-
	Cannich	9 9	350	15.8	5.3	10.5	-	22.8	3	-2.8	30	-	-	4.34	105	.60	9	21	17	0	0	0	0	0	2	2	10	0	-	-
	Inverness	9 9	13	15.6	8.7	12.1	-	20.0	2,14	3.3	21	-	-	2.43	-	.61	9	19	10	0	0	0	0	0	0	0	1	0	3.74	-
	Coire Cas Shieling	9 9	2500	12.0	5.5	8.7	-	19.4	3	-0.6	12,21	-	-	4.91	-	1.27	9	20	17	1	0	0	0	0	0	2	-	0	-	-
	Cairngorm	9 9	3575	8.9	3.7	6.3	-	16.7	3	-2.2	20,21	-	-	7.03	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-
	Achnagoichan	9 9	1000	15.1	6.2	10.7	-	22.2	3	-0.6	30	10.5	-	3.21	-	1.23	9	18	14	0	-	0	0	0	-	1	7	4	-	-
	Glenmore Lodge	9 9	1120	15.3	6.3	10.8	-	22.3	3	-2.2	30	-	-	3.33	-	1.08	9	18	14	0	0	0	0	0	1	3	10	0	3.91	-
1	SCOTLAND. E.																													
Nairn	Nairn ¶§	9 9	20	15.4	6.6	11.0	-1.3	21.1	7	1.1	30	-	-	2.53	109	.58	10	23	14	0	0	0	0	0	1	0	1	0	3.70	90
Moray	Forres	9 9	155	16.1	6.9	11.5	-	22.8	1	1.1	12	12.3	12.0	3.18	133	.45	10	21	16	0	0	0	0	0	0	0	0		3.12	78
	Kinloss	21-9	15	15.9	7.8	11.9	-	23.0	1	1.0	30	11.9	-	3.09	-	.42	9	20	15	0	0	0	0	0	0	0	3	1	3.18	-
	Elgin	9 9	92	16.3	8.2	12.3	-	21.7	1	2.8	12	-	-	3.31	-	.62	10	20	14	0	0	0	0	0	0	0	0	0	3.66	-
	Lossiemouth	9 9	21	15.7	7.7	11.7	-0.4	21.1	1	0.6	30	-	-	3.20	-	.61	10	21	14	0	0	0	0	0	0	0	1	1	-	-
	Gordon Castle	9 9	104	16.1	8.3	12.2	0.0	21.1	1,3	3.9	12,20	-	-	3.63	119	.52	9	18	15	0	0	0	0	0	-	0	-	0	3.44	87
Banff	Banff	9 9	80	14.9	8.6	11.7	-	21.1	3	3.9	30	-	-	3.77	-	.56	9	19	14	0	0	0	0	0	0	0	-	0	3.72	-
Aberdeen	Braemar	9 9	1113	14.5	5.4	9.9	-0.3	20.6	3	-2.2	30	-	-	3.59	121	.82	9	20	16	-	0	-	-	-	0	2	-	-	3.97	-
	Balmoral	9 9	927	15.2	5.3	10.3	-0.2	22.2	3	-2.2	30	-	-	2.40	85	.68	9	20	13	0	0	0	0	0	-	2	6	0	-	-
	Dinnet	9 9	580	15.6	6.6	11.1	-	22.8	3	-1.1	30	11.8	-	2.96	-	1.09	9	17	10	-	0	-	-	-	1	1	5	-	3.69	-
	Huntly	9 9	405	15.5	7.2	11.3	-	22.0	3	0.9	30	-	-	3.70	-	.60	8	19	14	0	0	0	0	0	0	0	1	0	-	-
	Fyvie Castle	9 9	218	-	-	-	-	-	-	-	-	-	-	3.28	-	.51	8	24	17	-	0	-	-	-	-	-	-	-	4.06	-
	Craibstone ¶§	9 9	300	14.6	7.7	11.1	-0.5	18.3	5,7	1.7	30	11.8	11.8	3.10	102	.58	9	18	15	0	0	0	0	0	0	0	1	1	4.12	95
	Dyce	21-9	190	15.1	7.5	11.3	-0.4	18.8	4	-0.3	30	-	-	2.84	90	.55	8	17	13	0	0	0	0	0	0	1	1	1	3.96	-
	Aberdeen	9 9	170	14.6	8.1	11.3	-	18.3	(7),11	2.2	30	-	-	2.76	93	.75	9	17	8	0	0	0	0	0	1	0	1	0	4.56	108
	Hilton	9 9	230	14.6	8.4	11.5	-	18.3	7	3.3	30	12.3	-	2.96	-	.65	9	16	13	0	0	0	0	0	1	0	1	0	-	-
	Udny	9 9	352	14.5	7.2	10.9	-	18.9	7	2.2	30	-	-	3.07	-	.69	10	18	13	0	0	0	0	0	2	0	3	0	4.14	-
	Rattray Head	21-9	85	13.7	8.2	10.9	-0.9	18.9	7	5.0	17,30	-	-	4.11	142	.49	10	21	18	0	0	0	0	0	2	0	-	0	3.83	-
Kincardine	Fettercairn	9 9	560	14.8	6.9	10.9	-	20.6	4	0.6	21	-	-	2.57	-	.56	8	17	9	0	0	0	0	0	4	0	7	1	3.56	-
	Strachan	9 9	395	15.6	6.8	11.2	-	21.1	4	-2.8	30	11.2	-	2.60	-	.68	8	11	10	0	0	0	0	1	2	1	4	1	-	-
	Stonehaven	9 9	12	14.9	7.7	11.3	-0.9	20.0	7	1.7	30	-	-	1.96	71	.47	9	14	8	0	0	0	0	0	1	0	-	0	4.22	102
	Muchalls	9 9	210	14.7	7.7	11.2	-	18.9	7	2.8	20,(21)	-	-	2.37	-	.75	9	13	7	0	0	0	0	0	2	0	1	0	-	-
Angus	Mylnefield	9 9	100	15.9	7.4	11.7	-	19.4	4,7,10	0.0	21	12.3	11.9	2.49	-	.40	5	16	12	0	0	0	0	0	1	1	2	0	5.06	-
	Auchterhouse	9 9	760	15.2	6.1	10.7	-	20.6	4	0.0	12	11.3	10.9	2.49	-	.40	8	16	11	0	0	0	0	0	3	0	9	0	4.52	-
	Dundee ¶	9 9	147	16.3	8.5	12.4	0.0	20.0	10	2.2	21	13.0	-	2.54	94	.45	5	15	12	0	0	0	0	0	-	0	5	0	4.49	-
	Glamis Castle	9 9	200	15.9	6.2	11.1	-	21.7	4	-0.6	12	-	-	2.47	-	.41	8	15	11	0	0	0	0	0	3	1	10	1	-	-
	Whitehillocks	9 9	845	15.0	5.7	10.3	-	20.6	4	-0.6	30	-	-	2.82	-	.46	15	20	12	0	0	0	0	0	1	1	7	1	-	- S
	Buddon Ness	9 9	15	15.9	7.7	11.8	-0.2	19.4	6,10	-1.1	21	-	-	2.02	80	.37	5	16	10	0	-	0	0	0	2	1	-	0	-	-
	Carnoustie	9 9	29	15.8	8.6	12.2	-	19.4	10	2.2	21	13.8	-	1.92	73	.38	8	13	10	0	0	0	0	0	1	0	2	0	4.85	-
	Arbroath §	9 9	95	15.3	8.7	12.0	-0.2	20.6	10	2.8	21	-	-	1.82	73	.30	5	13	10	0	0	0	0	0	1	0	1	0	4.86	105
	Montrose	9 9	186	15.8	8.2	12.0	-	20.0	7	3.3	21,30	-	-	2.32	89	.47	10	18	11	0	0	0	0	0	1	0	1	0	-	-
Perth	Dall	9 9	720	15.1	6.7	10.9	-	21.7	3,4	-2.8	21	-	-	3.36	-	.46	21	19	17	0	0	0	0	0	0	2	2	0	-	-
	Strathyre	9 9	425	15.3	6.1	10.7	-	22.2	4	-2.8	21	12.5	12.4	5.55	-	.83	21	17	16	0	0	0	0	0	1	2	4	0	-	-
	Callander	9 9	230	16.3	7.5	11.9	-	23.3	4	-1.1	21	-	-	5.27	-	.81	21	16	14	-	0	-	-	-	0	1	4	-	-	-
	Ardtalnaig	9 9	427	15.6	7.7	11.7	-	23.3	4	1.1	21	-	-	3.77	-	.40	21	20	17	0	0	0	0	0	1	0	1	0	-	-
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	4.17	-	.60	14	18	15	-	-	-	-	-	-	-	-	-	4.78	-
	Pitlochry	9 9	473	15.2	6.7	10.9	-	22.2	4	0.0	21	-	-	2.94	-	.34	5,8	19	16	0	0	0	0	0	1	0	6	0	3.43	-
	Faskally	9 9	310	15.9	7.1	11.5	-	22.2	4	0.6	21	12.9	13.1	2.75	-	.33	8,9	17	13	0	0	0	0	0	0	0	8	0	-	-
	Dunning	9 9	250	16.0	7.6	11.8	-	22.2	4	(-1.1)	21	-	-	2.35	-	.35	15	17	12	-	-	-	-	-	0	1	8	-	4.56	-
	Perth	9 9	77	16.3	8.2	12.3	-0.2	22.2	4	0.0	21	-	-	2.53	95	.39	14	17	13	0	0	0	0	0	1	1	2	0	4.33	109
	Inveralmond	9 9	26	16.6	7.7	12.1	-	23.3	4	-0.6	21	-	-	2.64	-	.37	14	14	13	0	0	0	0	0	-	1	1	0	-	-
	Blairgowrie	9 9	230	15.8	7.1	11.5	-	21.7	4	1.1	21	12.6	-	2.78	-	.40	8,15	15	14	0	-	0	0	0	-	0	3	0	4.28	-
	Glenshee Lodge	9 9	1100	14.2	5.2	9.7	-	21.7	4	-0.6	12,30	10.9	-	4.28	-	.72	15	18	16	0	0	0	0	0	0	2	10	0	-	-
Fife	Pitreavie	9 9	130	16.7	8.8	12.7	-	23.5	4	0.7	21	-	-	2.93	-	.63	9	15	12	0	0	0	0	1	1	0	1	0	-	-
	Ballingry	9 9	425	15.6	8.2	11.9	-	22.2	4	0.6	21	12.2	11.6	3.31	-	.46	9	17	12	0	0	0	0	1	3	0	2	0	4.74	-
	Kirkcaldy	9 9	137	16.3	8.6	12.5	0.0	20.0	23	0.6	21	-	-	2.90	104	.46	14	14	13	0	0	0	0	0	0	0	1	0	4.49	-
	Cupar	9 9	82	16.7	8.2	12.5	-	20.0	7	-0.6	21	12.6	-	2.49	-	.42	5	12	11	0	0	0	0	0	2	1	1	0	-	-
	Leuchars	21-9	35	16.0	7.9	11.9	-0.6	19.9	7	1.8	21	-	-	2.28	94	.38	5	12	10	0	0	0	0	0	0	0	3	0	5.02	110
	St. Andrews	9 9	13	16.2	8.3	12.3	-0.1	19.4	7	1.1	21	12.9	12.7	2.28	93	.40	5	13	9	-	0	-	-	-	1	0	1	-	5.04	113

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: .01in (0·2mm) or more	.04in (1·0mm) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0 C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	15.7	7.5	11.6	-	22.2	4	-0.6	21	-	-	2.50	-	.60	9	13	11	-	-	-	-	-	2	1	-	-	-	-
	Turnhouse	21-9	114	16.7	7.8	12.3	0.0	21.8	4	-2.0	21	-	-	2.35	93	.47	9	16	11	0	0	0	0	0	2	1	6	0	4.45	-
	Edinburgh—E. Craigs	9 9	200	16.4	8.3	12.3	-	21.1	4	-0.6	21	-	-	2.33	-	.51	9	15	11	0	0	0	0	0	1	1	4	0	4.08	-
	Davidson's Mains	9 9	200	16.7	8.6	12.7	+0.1	22.2	4	1.1	21	12.7	-	2.59	-	.56	9	17	11	0	0	0	0	0	2	0	1	0	4.41	-
	Penicuik	9 9	620	16.1	7.6	11.9	-	21.7	4	-1.1	21	12.7	-	2.89	-	.50	5	17	15	0	0	0	0	0	2	1	1	0	3.70	-
	Bush House	9 9	605	15.9	7.7	11.8	-	21.7	4	-1.7	21	12.6	12.6	2.57	-	.45	5	19	15	0	0	0	0	0	1	1	2	0	4.77	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	16.6	9.2	12.9	+0.3	21.7	4	2.8	21	-	-	1.97	77	.53	9	13	9	0	0	0	0	0	1	0	1	2	5.11	121
	Liberton	9 9	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Royal Bot. Gdns.	9 9	74	16.8	8.8	12.8	0.0	21.1	4	0.0	21	13.2	-	2.16	-	.56	9	15	10	0	0	0	0	0	2	0	1	0	4.70	113
E. Lothian	Haddington	9 9	162	17.2	8.6	12.9	-	21.1	24	-1.1	21	-	-	2.26	-	.56	9	16	12	0	0	0	0	0	1	1	1	0	5.35	-
	North Berwick	9 9	152	16.9	-	-	-	22.8	24	-	-	-	-	2.59	107	.50	5	13	12	-	0	-	-	-	2	-	-	-	4.45	110
	Dunbar	9 9	75	16.4	9.3	12.9	+0.3	20.0	10,23	2.2	21	-	-	2.00	-	.50	9	15	10	0	0	0	0	0	0	0	0	0	5.54	119
Berwick	Mertoun	9 9	225	17.5	7.2	12.3	-	25.0	4	-1.7	21	-	-	1.44	-	.32	21	17	8	-	-	-	-	-	-	1	7	-	5.33	-
	Lauder	9 9	600	16.1	6.6	11.3	-	21.7	4	-2.2	21	-	-	1.97	-	.39	5	16	12	0	0	0	0	0	2	1	8	0	4.66	-
	Marchmont ¶§	9 9	498	16.4	8.0	12.2	+0.3	21.1	4,24	2.2	21	-	-	1.80	70	.28	5	14	11	0	0	0	0	0	0	0	-	0	5.26	135 S
	Whitchester	9 9	838	15.7	7.2	11.5	-	22.2	4	0.6	21	-	-	2.19	-	.39	15	16	14	0	-	1	0	0	-	0	-	0	-	-
	St. Abb's Head	9 9	245	15.5	9.6	12.5	-	20.0	23	6.3	21	-	-	-	-	-	-	-	-	0	0	0	0	0	3	0	0	2	-	-
Peebles	Stanhope Farm	9 9	741	16.0	7.2	11.6	-	22.2	3	-3.3	21	-	-	3.94	-	.57	21	17	15	0	0	0	0	0	0	1	1	0	-	-
	Blyth Bridge	9 9	830	15.4	7.3	11.3	-	21.1	3,4	-1.7	21	-	-	4.13	-	.68	5	19	17	0	0	0	1	1	0	1	4	0	4.16	-
	West Linton	9 9	800	15.4	6.9	11.1	-	22.2	4	-2.2	21	11.9	12.3	3.69	-	.55	5	20	18	0	0	0	0	0	0	1	1	0	-	-
	Glentress	9 9	580	16.5	6.2	11.3	-	22.8	3	-4.4	21	-	-	2.73	-	.41	21	17	16	0	0	0	0	1	0	1	-	0	-	-
Selkirk	Bowhill	9 9	600	16.7	7.3	12.0	-	23.3	4	-1.1	21	-	-	2.09	-	.43	21	16	12	0	0	0	0	1	0	1	-	0	-	-
Roxburgh	Wauchope	9 9	560	16.7	7.1	11.9	-	22.2	4	-2.8	21	-	-	1.56	-	.23	15	14	11	-	0	-	-	-	0	1	-	-	-	-
	Sourhope	9 9	900	16.1	8.2	12.1	-	22.2	4	-1.1	21	-	-	1.64	-	.28	9,16	11	10	-	0	-	-	-	0	1	2	-	4.60	-
6a	SCOTLAND, W.																													
Argyll	Tiree ¶§	21-9	29	14.6	10.5	12.5	-0.1	17.9	3	3.8	21	-	-	6.18	150	.92	13	21	16	0	0	0	0	0	0	0	4	1	3.59	85
	Rhuvaal	21-9	65	15.2	10.4	12.8	-	19.7	3	5.2	21	-	-	5.51	-	1.07	21	19	18	0	0	0	0	0	0	0	0	1	-	-
	Colonsay	9 9	87	15.4	9.4	12.4	-0.3	20.0	3	0.6	21,30	-	-	5.68	114	1.22	21	25	18	0	-	0	0	0	1	0	-	3	-	-
	Tobermory	9 9	270	14.9	9.4	12.1	-	19.4	3	2.2	20	-	-	7.48	-	1.10	21	23	20	-	-	-	-	-	-	0	2	-	-	-
	Craighouse	9 9	10	15.9	9.8	12.9	-	20.6	3	5.0	21	-	-	7.64	-	1.40	9,21	23	19	-	0	-	-	-	0	0	0	-	-	-
	Campbeltown	9 9	10	15.8	10.6	13.2	-	17.8	4	3.9	30	-	-	4.87	-	1.10	21	19	12	0	0	1	0	1	9	0	-	0	4.17	-
	Achaglachgach	9 9	40	16.2	7.9	12.1	-	20.6	3,4	0.0	21	-	-	7.87	-	1.57	21	21	21	0	-	1	0	1	0	0	2	0	-	-
	Oban	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lephinmore	9 9	30	15.7	9.1	12.4	-	20.0	1	1.1	21	-	-	7.96	-	1.54	21	20	18	0	0	1	0	0	1	0	1	0	3.03	-
	Glenbranter	9 9	120	15.3	7.9	11.6	-0.2	19.4	1,3	-1.1	21	-	-	9.64	116	1.58	9	23	19	-	0	-	-	-	0	1	1	-	-	-
	Benmore Forestry Sch.	9 9	46	16.0	7.6	11.8	-0.4	20.0	1,2,4	-1.1	21	12.6	12.9	9.30	114	1.93	21	22	20	0	0	0	0	0	0	1	5	0	-	-
	Younger Bot. Gdns.	9 9	40	15.8	8.5	12.1	-	(20.6)	3,4	0.6	21	-	-	9.03	-	1.93	21	22	20	0	0	0	0	0	0	0	4	0	-	-
Bute	Rothesay ¶§	9 9	150	15.6	9.8	12.7	+0.2	20.0	3	3.3	21	12.8	12.7	6.94	138	1.20	21	21	18	0	0	0	0	0	0	0	1	0	3.97	107
	Millport	9 9	16	15.6	10.7	13.1	-	20.0	4	4.4	21	-	-	6.01	146	1.20	21	22	17	0	0	1	0	0	0	0	-	1	-	-
Dunbarton	Helensburgh	9 9	293	15.6	9.1	12.3	+0.1	21.7	4	3.9	20	-	-	5.41	112	1.03	21	20	16	0	0	0	0	0	0	0	-	0	3.65	105 S
	Cumbernauld	9 9	310	16.4	7.7	12.1	-	23.9	4	-1.1	21	-	-	5.60	-	.91	9	18	18	0	0	0	0	0	2	1	-	0	-	-
Stirling	Earls Hill	9 9	1100	13.6	7.3	10.5	-	22.3	4	-0.5	21	-	-	6.20	-	.93	9	20	18	-	-	-	-	-	2	1	1	-	4.35	-
	Stirling	9 9	151	16.9	9.1	13.0	+0.3	25.0	4	0.6	21	13.7	13.3	3.23	94	.55	21	20	12	0	0	0	0	0	1	0	1	0	4.85	-
	Falkirk	9 9	100	16.6	8.1	12.3	-0.4	22.8	4	0.0	21	-	-	3.83	-	.64	5	18	15	-	0	-	-	-	-	0	-	-	-	-
Renfrew	Greenock	9 9	200	15.7	9.7	12.7	-0.1	20.6	4	3.9	21	-	-	6.49	121	1.02	21	21	17	0	0	0	0	1	0	0	1	0	4.07	-
	Paisley	9 9	106	16.4	9.4	12.9	-0.1	22.8	4	1.7	21	13.6	12.7	5.18	135	.80	21	20	18	0	0	0	0	1	2	0	1	1	4.43	118
	Barrhead	9 9	97	16.2	8.2	12.2	-	20.6	3,4	-1.1	21	-	-	5.24	-	.76	21	19	18	0	0	0	0	0	0	1	2	0	-	-
	Renfrew ¶§	21-9	26	16.4	8.7	12.5	-0.1	21.9	4	-1.2	21	-	-	4.58	128	.79	21	20	18	0	0	0	0	1	0	1	2	1	4.34	118
Lanark	Crossmyloof	9 9	75	16.7	8.9	12.8	-	23.3	4	0.0	21	-	-	4.22	-	.77	9	18	18	0	0	0	1	0	0	0	-	0	3.80	-
	Thorntonhall	9 9	453	15.7	8.1	11.9	-	20.6	4	0.6	21	-	-	4.66	-	.71	9	22	18	0	0	0	0	0	-	0	3	0	-	-
	Glasgow, Springburn	9 9	351	15.9	8.6	12.3	+0.1	22.2	4	1.1	21	-	-	5.14	143	1.19	21	21	17	0	0	0	0	0	0	0	1	0	4.10	126
	Coatbridge	9 9	256	16.4	8.3	12.3	-	22.2	4	0.0	21	-	-	4.30	-	.88	21	20	17	0	0	0	0	0	0	0	-	0	-	-
	Happendon Station	21-9	675	15.5	6.1	10.8	-	22.5	3	-3.3	21	11.8	-	4.07	-	.63	14	21	17	0	0	0	0	0	0	2	3	0	4.34	-
	Lowther Hill	21-9	2377	11.0	5.6	8.3	-	17.5	4	0.5	21	-	-	-	-	-	-	-	-	0	-	0	0	0	16	0	-	11	3.19	-
	Leadhills	9 9	1270	14.2	3.9	10.5	-	21.7	3	-2.8	21	-	-	6.85	-	1.20	21	20	18	0	0	0	0	0	0	1	1	1	-	-
	Carnwath	9 9	706	15.7	6.7	11.2	-	22.8	4	-4.4	21	-	-	3.84	-	.53	21	22	17	0	0	0	0	0	1	2	6	3	-	-
	Camps Reservoir	9 9	969	14.4	6.6	10.5	-	21.1	3	-2.2	21	-	-	4.28	-	.71	21	23	18	0	0	0	0	0	1	1	-	0	3.92	-
Ayr	Turnberry	9 9	25	16.4	9.7	13.1	+0.2	21.1	2	2.8	21	-	-	5.89	-	1.20	21	21	19	0	0	0	0	0	0	0	-	0	3.80	-
	Largs	9 9	20	16.2	9.9	13.1	-0.1	20.6	1	2.2	21	-	-	6.42	-	1.00	21	22	17	0	0	0	0	0	0	0	0	0	4.01	-
	Barr	9 9	400	15.9	7.8	11.9	-	22.2	4	-1.1	21	-	-	7.40	-	1.64	21	21	20	0	0	0	0	0	0	1	-	0	-	-
	Auchincruive	9 9	147	16.1	8.9	12.5	-0.1	19.4	1,2,3	0.0	21	12.8	12.6	5.57	149	1.14	21	18	17	0	0	1	0	1	0	0	1	0	4.37	116
	Prestwick Airport	21-9	51	16.2	9.4	12.8	-	20.3	2	-0.3	21	-	-	5.61	160	1.15	21	17	17	0	0	0	0	1	0	1	1	0	4.52	-
	Kilmarnock	9 9	115	16.1	9.0	12.5	-0.2	21.7	3	0.6	21	13.4	13.2	5.70	-	1.14	21	18	17	0	0	0	0	0	0	0	1	0	4.19	109 S
Dumfries	Dalmacallan	9 9	480	15.4	7.2	11.3	-	21.7	4	-1.7	21	-	-	5.61	-	1.03	21	20	16	0	0	0	0	2	0	1	4	0	-	-
	Dumfries ¶§	9 9	140	16.4	9.7	13.1	+0.6	22.2	4	0.0	21	13.4	13.2	4.27	115	.77	15	15	14	0	-	0	0	1	0	0	2	0	4.75	129
	Eskdalemuir Obs'y. ¶§	21-9	794	15.6	7.0	11.3	+0.2	21.8	4	-3.4	21	13.2	12.2	5.68	107	.89	21	20	17	0	0	1	0	2	0	1	2	0	4.65	139
Kirkcudbright	Bargrennan	9 9	360	16.1	7.7	11.9	-	21.1	4	-1.1	21	-	-	6.66	-	1.49	21	22	20	0	0	0	0	0	1	1	2	0	-	-
	Palnure	9 9	50	16.2	7.3	11.7	-	20.0	3,10	-1.1	21	-	-	5.21	-	1.21	21	18	16	0	0	0	0	0	0	1	2	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	6.50	-	1.03	21	21	18	-	-	-	-	-	-	-	-	-	4.31	-
	Glenlee	9 9	181	16.4	7.2	11.8	-0.4	21.7	3	-1.7	21	-	-	5.72	-	.94	21	22	16	0	0	0	0	0	0	1	3	0	-	-
	Dundeugh	9 9	390	15.8	7.0	11.4	-	21.1	3,4	-2.8	21	12.1	-	4.39	-	.70	21	21	17	0	0	0	0	2	0	1	-	0	-	-
	Glenlochar Barrage	9 9	154	16.6	8.1	12.3	-	22.8	4	-1.1	21	-	-	5.73	-	1.13	14	18	16	-	0	-	-	-	0	1	-	-	-	-
	Threave	9 9	240	16.3	7.8	12.1	-	22.2	4	0.0	21	-	-	5.60	-	1.25	14	16	14	0	0	0	0	1	0	1	2	0	-	-
	Castle Douglas	9 9	196	16.3	7.4	11.9	-	22.2	4	-2.2	21	12.5	-	4.40	-	.83	21	16	14	-	0	-	-	-	0	1	3	-	4.69	-
Wigtown	West Freugh	21-9	50	15.9	9.1	12.5	-	19.1	10	0.5	21	-	-	5.31	145	1.18	21	17	15	-	-	-	-	-	-	0	-	-	4.52	-
	Penwhirn	9 9	546	-	8.1	-	-	-	-	1.1	21	-	-	8.13	-	1.78	21	21	20	0	0	0	0	0	0	0	1	0	2.97	-
	Mull of Galloway	21-9	257	15.4	11.2	13.3	-	20.6	4	5.1	21	-	-	-	-	-	-	-	-	0	0	0	0	2	0	0	-	6	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway	21-9	55	16.4	10.7	13.5	-	20.5	4	3.3	21	-	-	2.61	82	.70	21	14	8	0	0	0	0	1	0	0	1	2	5.31	-
	Douglas	9 9	284	16.1	10.8	13.5	+0.4	20.0	4,10	4.4	21	-	-	3.29	78	.82	21	14	11	0	0	0	0	1	0	0	0	0	4.99	108
	Point of Ayre	21-9	30	17.1	11.2	14.1	-	21.0	10	5.2	21	-	-	2.56	89	.51	21	14	12	0	0	0	0	1	0	0	-	0	5.21	-
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle	9 9	660	15.9	6.4	11.1	-	21.7	3,4	-2.8	21	13.4	-	2.89	66	.48	9	18	13	0	0	0	0	0	5	2	4	0	-	-
	Bellingham	9 9	849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n 0.1in (0.2mm) or more	0.4in (1.0mm) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h	Air Frost †	Grass min below 0 C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
	G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in	%	in.													hr	%
2 ENGLAND, N.E.—cont.																													
Northumberland cont. Haydon Bridge	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Corbridge	9 9	160	17.8	7.8	12.8	-	22.8	4	-1.7	21	-	-	1.18	-	.39	16	11	7	0	0	0	0	0	0	0	1	0	-	-
Berwick-on-Tweed	9 9	76	16.2	9.1	12.7	+0.3	20.6	10,23	1.7	21	-	-	1.71	85	.37	5	12	11	0	0	1	0	0	1	0	0	0	5.31	117
Cockle Park ¶§	9 9	326	16.6	8.4	12.5	+0.4	21.1	23	0.6	21	12.4	-	1.41	58	.31	16	15	11	0	0	0	0	0	1	0	1	0	5.13	122
Acklington	21-9	138	16.6	8.2	12.4	-	21.2	23	1.8	21	-	-	1.28	-	.31	5	15	11	0	0	0	0	0	1	0	1	0	5.68	-
Tynemouth	21-9	95	16.3	10.6	13.5	+0.3	21.8	10	3.5	21	-	-	1.75	76	.72	16	12	11	0	0	0	0	2	2	0	0	0	5.13	124
Durham Chopwellwood	9 9	446	17.7	8.7	13.2	+0.7	22.8	4	3.3	21	-	-	1.10	45	.38	16	10	7	0	0	0	0	0	0	0	2	0	-	-
Ushaw College	9 9	594	-	8.3	-	-	-	-	1.7	21	-	-	1.65	63	.85	16	11	8	0	0	0	0	1	5	0	-	0	-	-
Houghall	9 9	123	18.4	7.8	13.1	+0.5	22.8	3,10	-1.1	21	-	-	1.41	58	.66	16	14	7	0	0	0	0	3	2	1	5	0	(5.38)	134
Durham ¶§	9 9	336	17.9	8.2	13.1	+0.4	22.8	4	1.1	21	13.6	13.3	1.55	65	.82	16	12	7	-	0	-	-	-	-	0	1	-	4.87	119
Gateshead	9 9	509	16.9	9.3	13.1	-	21.7	4	2.2	21	-	-	1.91	-	.49	16	11	8	-	0	-	-	-	0	0	0	-	5.02	-
Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
West Hartlepool	9 9	30	17.6	10.0	13.8	-	23.9	24	3.3	21	-	-	.95	-	.20	16	10	9	0	0	0	0	0	3	0	0	0	4.78	-
Yorks., N. Riding Dishforth	21-9	105	18.9	8.8	13.9	-	23.7	4	2.0	21	-	-	1.04	50	.27	16	8	6	0	0	0	0	2	1	0	1	0	5.15	-
Thirsk	9 9	111	18.4	8.1	13.3	-	23.3	4	0.1	21	-	-	.96	-	.23	15,16	8	6	0	0	0	0	1	2	0	1	0	-	-
York ¶§	9 9	57	18.9	9.1	14.0	+0.1	23.9	4	3.3	21	14.2	14.7	.65	31	.21	5	7	5	0	0	0	0	1	3	0	-	0	4.93	122
Ampleforth	9 9	313	-	-	-	-	-	-	-	-	-	-	.85	33	.24	16	7	6	0	-	0	0	0	-	0	1	0	-	-
Redcar	9 9	25	18.2	10.2	14.2	-	24.4	24	3.3	21	-	-	.86	42	.21	16	11	9	-	0	-	-	-	3	0	-	-	5.27	-
Pickering	9 9	143	18.6	7.0	12.8	-	22.8	3	1.1	13	-	-	.59	-	.22	5	9	5	0	0	1	0	1	1	0	3	0	-	-
Whitby	9 9	135	17.6	9.5	13.5	-	22.8	10,14	3.3	1	-	-	.62	29	.23	5	8	8	0	0	0	0	0	3	0	-	0	5.75	122
Scarborough ¶§	9 9	118	17.7	10.3	14.0	-0.1	23.3	10	4.4	21	14.1	14.2	.77	37	.26	16	9	6	0	0	0	0	1	2	0	0	0	5.01	110
Silpho Moor	9 9	665	17.2	7.9	12.5	-	21.1	10	2.2	21	12.0	-	.87	-	.24	16	10	6	0	0	0	0	1	1	0	4	0	5.38	-
Whitby C/Guard	21-9	200	17.1	9.7	13.4	-	22.5	10	3.4	1	-	-	.50	-	.23	5	8	5	0	0	0	0	2	3	0	0		-	-
Yorks., E. Riding High Mowthorpe	9 9	574	17.6	8.3	12.9	-	21.7	4,24	0.6	21	12.8	-	.75	37	.24	5	9	7	0	0	0	0	0	1	0	2	0	5.83	-
Hull	9 9	8	19.2	10.2	14.7	+0.3	23.3	24	3.9	21	14.4	13.5	.75	37	.23	16	9	6	0	0	1	0	1	1	0	0	0	5.87	135
Leconfield	21-9	24	18.8	8.9	13.9	-	23.1	24	1.4	13	-	-	.62	-	.20	5	10	5	0	0	0	0	1	3	0	3	0	5.51	-
Filey	9 9	122	17.3	8.8	13.1	-	22.2	10,14	3.3	1,21	-	-	.74	-	.54	5	7	3	0	0	0	0	1	1	0	0	0	5.24	-
Bridlington	9 9	157	17.1	8.6	12.9	-	22.8	14	2.2	21	-	-	.96	-	.29	17	11	8	0	0	0	0	1	1	0	0	0	5.57	-
Spurn Head	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln Gainsborough	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Navenby	9 9	60	20.3	8.2	14.3	-	25.0	24	0.0	21	-	-	.33	-	.09	15	5	5	0	0	0	0	1	2	1	3	0	-	-
Waddington	21-9	224	19.4	8.6	14.0	+0.2	24.9	24	3.4	13	-	-	.31	-	.08	15	5	4	0	0	0	0	0	2	0	0	0	5.71	-
Lincoln	9 9	22	19.4	6.2	12.8	-	24.4	24	-5.6	21	14.2	14.2	.36	-	.10	15	7	4	0	0	0	0	0	2	1	3	0	5.45	-
Cranwell ¶§	9 9	205	19.7	8.6	14.1	+0.3	24.2	24	2.8	21	14.2	14.3	.28	14	.07	15	7	3	0	0	0	0	1	0	0	2	0	6.44	141
Binbrook	21-9	353	18.5	9.3	13.9	-	23.4	24	2.8	21	-	-	.56	-	.17	15	7	5	0	0	0	0	0	1	0	0	0	-	-
Cleethorpes	9 9	23	-	9.8	-	-	-	-	4.4	20,21	-	-	.33	18	.10	15	5	4	0	0	0	0	0	1	0	0	0	6.13	128
Manby	21-9	55	19.4	9.2	14.3	-	24.7	14	3.6	13	-	-	.70	-	.35	16	9	5	0	0	0	1	1	3	0	0	0	6.03	-
Skegness	9 9	15	18.6	10.0	14.3	+0.1	23.9	10,14	3.9	21	-	-	1.41	71	.46	25	8	8	0	0	0	0	1	1	0	0	0	6.39	132
3 ENGLAND, E.																													
Norfolk Terrington St. Clement	9 9	13	20.1	8.5	14.3	-	25.0	24	2.8	28	14.2	-	.63	35	.29	15	6	5	0	0	0	0	1	0	0	1	0	7.10	-
Marham	21-9	76	19.9	8.7	14.3	-	24.6	3	2.2	28	-	-	.98	-	.33	20	6	5	0	0	0	0	1	0	0	2	0	-	-
Santon Downham	9 9	80	20.6	5.8	13.2	-	25.6	10,14	-1.7	28	13.8	13.9	.90	-	.36	26	7	4	-	0	-	-	-	0	3	14	-	6.51	-
West Raynham	21-9	250	19.3	8.5	13.9	-	24.5	10	3.8	28	-	-	.53	-	.19	14	5	4	0	0	1	0	3	0	0	3	0	6.62	-
Cromer	9 9	178	19.0	10.6	14.8	+0.1	25.6	10	7.2	18,22	-	-	.56	24	.19	15	7	5	-	0	-	-	-	0	0	0	-	7.08	142
Sprowston ¶§	9 9	93	19.4	8.8	14.1	-0.2	25.6	14	1.7	13	14.2	-	.62	27	.21	26	7	3	0	0	0	0	0	0	0	4	1	6.45	134
Coltishall	21-9	55	19.4	8.7	14.1	-	25.6	14	3.4	13	-	-	.48	-	.11	26	7	5	0	0	0	0	1	0	0	5	0	-	-
Burlingham	9 9	89	19.3	9.6	14.5	-	25.6	14	4.4	13	-	-	.39	17	.19	14	6	3	0	0	0	0	1	0	0	0	0	6.77	-
Gorleston ¶§	21-9	12	18.8	11.3	15.1	+0.3	25.2	10	6.0	21	15.3	15.0	.33	15	.09	5,14	7	3	0	0	1	0	1	0	0	0	0	6.41	126
Suffolk Mildenhall	21-9	15	20.8	9.0	14.9	+0.4	25.6	3	2.5	21	-	-	.58	29	.22	14	7	4	0	0	0	0	0	0	0	4	0	7.23	153
East Bergholt	9 9	14	20.8	7.9	14.3	-	27.2	14	2.2	28,29	-	-	.48	-	.26	14	6	3	0	0	0	0	0	0	0	6	0	-	-
Wattisham	21-9	292	19.7	9.2	14.5	-	26.6	14	3.3	21	-	-	.40	-	.10	5	7	4	0	0	0	0	0	0	0	1	0	-	-
Aldeburgh	21-9	15	18.4	12.1	15.3	-	25.0	10	5.7	21	-	-	-	-	-	-	-	-	0	-	0	0	0	0	0	-	0	-	-
Lowestoft	9 9	82	19.5	11.1	15.3	+0.6	26.1	10	5.6	21,29	14.9	14.8	.33	16	.12	5	5	3	0	0	0	0	1	0	0	0	0	6.51	127
Cambridge Boxworth	9 9	157	20.3	8.8	14.5	-	25.0	3	2.8	21	-	-	.41	21	.17	14	6	5	0	0	0	0	0	2	0	5	0	6.91	-
Cambridge Bot. Gdn. ¶	9 9	41	20.8	8.4	14.6	+0.3	25.0	3	3.3	13,21	15.1	15.4	.54	26	.27	14	6	5	0	0	0	0	0	0	0	4	-	-	-
• Cambridge N.I.A.B. §	9 9	85	20.5	8.9	14.7	-	24.4	3,9,24	3.9	13,30	-	-	.48	24	.23	14	5	5	0	0	0	0	0	0	0	5	0	6.54	142
Huntingdon Monkswood	9 9	103	20.3	7.9	14.1	-	25.6	3	2.8	13,21	14.6	-	1.35	-	.74	25	6	5	0	0	0	0	1	2	0	4	0	-	-
Wyton	21-9	129	20.1	9.1	14.6	-	25.0	3	3.3	21	-	-	.50	-	.20	14	7	5	0	0	0	0	0	0	0	0	0	-	-
Bedford Woburn	9 9	291	19.6	8.2	13.9	+0.2	23.9	3,4,24	1.7	13	14.3	14.5	1.10	54	.60	25	7	5	0	0	0	0	1	1	0	7	0	6.55	145
Luton	9 9	379	19.9	8.9	14.4	+0.4	24.4	5	4.4	21	-	-	.53	26	.27	14	6	5	-	3	-	-	-	2	0	0	-	(6.79)	152
Silsoe	9 9	195	20.2	8.1	14.1	-	25.0	3,5	1.7	13	14.6	14.1	.75	40	.20	14	7	6	0	0	0	0	0	1	0	7	0	6.36	-
Cardington	21-9	93	20.8	7.7	14.3	-	25.3	3	0.8	21	14.7	14.9	1.03	55	.63	25	8	5	0	0	0	0	0	1	0	1	0	6.41	-
Letchworth	9 9	209	20.8	8.9	14.9	-	26.1	3	3.3	21	-	-	.47	-	.27	14	5	4	-	-	-	-	-	-	0	0	-	-	-
Hertford Bovingdon	21-9	516	19.6	9.1	14.3	-	25.1	3	3.1	21	-	-	.88	-	.36	14	6	5	0	0	0	0	2	2	0	2	0	-	-
Garston	9 9	256	20.4	8.7	14.5	-	25.6	3	3.3	29	-	-	.59	-	.22	14	7	5	0	0	0	0	1	1	0	6	0	7.14	-
Rothamsted ¶§	9 9	420	19.9	8.6	14.3	+0.6	25.0	3,5	2.2	29	14.2	14.0	.72	31	.30	14	8	5	0	0	0	0	1	0	0	2	0	6.48	143
St. Albans	9 9	272	20.2	8.7	14.5	+0.6	25.0	3,5,10	2.2	29	14.7	-	.71	34	.25	14	8	7	0	0	0	0	1	1	0	1	0	-	-
Stanstead Abbotts	9 9	97	-	6.7	-	-	-	-	1.7	23,29	14.8	15.3	.31	-	.10	14	6	4	-	0	-	-	-	1	1	6	-	-	-
Hoddesdon	9 9	153	20.4	8.7	14.5	-	24.4	3,5,24	3.3	29	15.1	-	.31	-	.10	14	7	4	0	0	0	0	0	-	0	0	0	6.93	-
Eastwick Lodge	9 9	137	21.9	7.7	14.9	-	26.1	4,5,24	1.7	21	-	-	.44	21	.15	15	7	4	-	0	-	-	-	0	0	-	-	-	-
Essex Stansted	9 9	331	19.9	9.2	14.5	-	25.5	14	3.5	21	-	-	.31	-	.09	14	6	5	0	0	0	0	0	0	0		0	-	-
Writtle	9 9	105	20.4	8.4	14.4	-	25.6	14	1.7	29	14.3	-	.46	25	.24	14	4	4	0	0	0	0	0	0	0	7	0	6.90	-
Coryton	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Southend	9 9	90	20.3	11.5	15.9	-	25.6	11	5.6	21	-	-	.30	19	.17	14	5	2	0	0	0	0	0	0	0	0	0	7.26	142
Maldon	9 9	14	20.2	9.7	14.9	-	26.7	14	3.9	29	-	-	.40	-	.24	14	6	3	0	-	0	0	0	0	0	-	0	-	-
Earls Colne	9 9	160	20.3	8.9	14.6	-	26.7	14	3.3	29	14.8	15.4	.33	17	.13	14	4	4	-	0	-	-	-	0	0	7	-	-	-
Shoeburyness ¶§	21-9	7	19.8	11.9	15.9	+0.7	25.8	14	4.6	21	-	-	.25	15	.16	14	3	2	0	0	0	0	0	0	0	1	1	6.92	136
Clacton-on-Sea	9 9	53	19.2	12.3	15.7	-	24.4	10	5.0	21	16.1	15.7	.33	18	.19	14	4	4	0	0	0	0	0	0	0	0	0	7.10	134
Walton-on-Naze	21-9	15	19.0	12.2	15.6	-	24.5	10,14	5.0	21	-	-	.46	-	.26	14	5	4	0	0	0	0	2	0	0	0	0	7.19	-
Dovercourt	9 9	11	18.2				25.6	14			-	-																-	-
4 MIDLAND COUNTIES																													
Yorks., W. Riding Slaidburn	9 9	629	16.2	8.3	12.3	-	22.8	4	-0.6	21	-	-	3.22	-	.59	16	18	15	0	0	0	0	1	1	1	1	0	4.08	-
Malham Tarn	9 9	1297	14.2	7.4	10.8	-	20.6	4	1.1	21	12.7	-	3.39	67	.95	9	16	14	0	0	1	0	2	1	0	3	0	-	-

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TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place		Max. Min. Terminal Hours of Observation	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n .01in. (0.2mm.) or more	.04in. (1.0mm.) or more	Snow or Sleet	Snowfalling at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	18.6	9.3	13.9	+0.6	23.3	4,23	1.1	21	13.9	14.1	.72	-	.28	16	12	5	-	0	-	-	-	3	0	1	-	5.14	139
	" Oakes	21-9	761	17.8	8.8	13.3	+0.4	24.2	4	3.0	21	12.7	12.1	1.43	49	.53	16	15	8	0	0	0	0	2	3	0	1	1	4.82	127
	Bradford ¶	9 9	439	17.3	9.4	13.3	+0.2	22.8	4	1.7	21	13.3	13.9	1.32	51	.57	16	16	10	0	0	0	0	1	0	0	1	0	-	- S
	Ilkley	9 9	315	18.0	9.0	13.5	+0.4	23.3	4	0.6	21	-	-	1.36	46	.64	16	13	11	0	0	0	0	1	0	0	-	0	4.84	126
	Sheffield ...	9 9	429	18.7	9.3	14.0	+0.2	22.8	2,4	2.8	21	14.2	14.2	.82	35	.34	16	8	5	0	0	0	0	1	-	0	1	0	5.50	142
	Wakefield ...	9 9	121	19.3	9.1	14.2	+0.3	25.0	2	1.7	21	13.7	13.5	.65	31	.21	16	7	6	0	0	0	0	1	1	0	3	0	-	- S
	Pontefract ...	9 9	255	18.4	9.3	13.9	+0.4	22.8	4	3.3	21	-	-	.42	21	.15	5	8	5	0	0	0	0	2	3	0	0	0	-	-
	Bramham ...	9 9	177	18.5	8.1	13.3	-	23.3	4	1.7	13	-	-	.98	55	.37	16	9	6	0	0	0	0	1	1	0	2	0	5.07	-
	Cawood	9 9	20	18.6	7.4	13.0	-	23.3	4,5	1.1	13,21	13.6	14.3	.87	43	.27	5	8	7	0	0	0	0	1	2	0	2	0	4.62	-
	Askham Bryan ...	9 9	110	18.8	8.2	13.5	-	23.9	4	1.1	21	-	-	.63	29	.16	21	6	5	0	0	0	0	1	2	0	1	0	4.84	123
Derby	Buxton	9 9	1007	15.9	7.9	11.9	+0.1	21.1	4	-0.5	21	12.5	13.4	1.98	50	.39	14	13	10	0	0	0	0	1	2	1	1	0	-	- S
	Chapel en le Frith	9 9	732	17.2	7.7	12.5	-	22.2	4	-1.1	21	-	-	2.10	-	.61	16	11	10	0	0	1	0	0	0	1	8	0	-	-
	Mackworth ...	9 9	293	18.7	7.6	13.1	-	22.8	2,5,24	0.6	21	-	-	.59	-	.22	16	9	4	0	0	0	0	0	2	0	3	0	-	-
	Belper	9 9	203	18.1	7.6	12.9	-0.7	22.2	2	0.0	21	-	-	.51	21	.17	16	7	5	0	0	0	0	0	-	1	-	0	-	-
	Derby	9 9	159	19.3	8.7	14.0	-	23.3	2,4,24	1.1	21	-	-	.47	-	.18	5	7	4	0	0	0	0	0	3	0	1	0	5.99	-
	Morley	9 9	350	18.8	8.5	13.7	-	22.8	2,4,24	0.6	21	-	-	.60	30	.23	16	9	5	0	0	1	0	1	-	0	5	0	5.86	-
	Chesterfield ...	9 9	298																											
Nottingham	Sutton Bonington	9 9	157	19.2	7.4	13.3	-0.3	23.9	24	-1.1	21	14.2	14.7	.33	18	.10	5,15	5	3	0	0	0	0	1	3	2	6	0	5.93	148
	Watnall	21-9	385	19.1	8.8	13.9	-	24.6	24	2.8	21	-	-	.52	23	.14	5	7	5	0	0	0	0	1	2	0	1	0	5.24	131
	Nottingham Training College ...	9 9	169	19.4	9.2	14.3	-	24.1	24	2.2	21	-	-	.29	-	.13	5	4	4	-	-	-	-	-	5	0	1	-	-	-
	Mansfield ...	9 9	362	18.4	9.2	13.8	+0.2	23.3	24	3.3	21	14.1	-	.60	28	.35	16	5	3	0	0	0	0	0	1	0	1	0	-	-
	Nottingham ¶§	9 9	192	19.5	9.1	14.3	+0.1	24.5	24	2.2	21,30	14.6	15.4	.33	17	.09	5	6	5	0	0	0	0	0	2	0	2	0	5.07	130
	Warsop	9 9	150	19.5	6.2	12.9	-	23.9	4,24	-1.7	21	-	-	.32	18	.23	16	5	1	-	0	-	-	-	-	1	4	8	-	5.62	-
	Finningley ...	21-9	34	19.6	9.0	14.3	+0.4	24.3	4,24	3.4	13,21	-	-	1.06	-	.72	16	6	4	0	0	0	0	1	2	0	2	0	5.55	-
Leicester	Newtown Linford	9 9	392	19.2	7.8	13.5	-	23.9	24	1.1	21	-	-	.58	-	.26	15	6	4	0	0	0	0	0	0	0	9	0	5.94	-
	Caldecott ...	9 9	175	20.8	6.4	13.6	-	25.6	3	-0.5	21	-	-	.50	-	.18	14	4	3	-	0	-	-	-	-	0	1	3	-	6.13	-
Northampton	Bugbrooke Mills	9 9	228	20.4	6.9	13.7	-	25.0	4	1.7	21,28	13.9	13.9	.61	-	.37	15	5	4	0	0	0	0	0	3	0	-	0	6.53	-
	Raunds	9 9	193	20.3	7.8	14.1	-	25.0	3,24	2.2	21	14.8	14.2	1.20	58	.35	25	6	5	0	0	0	0	0	1	0	1	0	6.27	-
	Wittering ...	21-9	212	20.2	8.8	14.5	-	24.9	3	4.0	21,23	-	-	.80	-	.22	16	6	6	0	0	0	0	0	1	0	4	0	6.91	-
Warwick	Birmingham K.E.S.*	9 9	450	19.1	9.4	14.3	-	22.8	2,4,24	3.3	21	-	-	.70	-	.25	15	7	5	0	0	0	0	0	2	0	-	0	-	-
	Edgbaston ¶§	21-9	536	18.8	10.2	14.5	+0.7	23.0	2	4.5	21	12.7	12.7	.60	24	.22	15	5	4	0	0	0	0	0	2	0	2	0	5.83	149
	Luddington ...	9 9	138	20.4	7.8	14.1	-	23.9	2,10	0.6	21	-	-	.75	35	.39	14	4	3	0	0	0	0	0	3	0	2	0	6.53	-
	Stratford on Avon	9 9	160	20.6	7.1	13.9	-	24.4	4,24	-1.1	21	15.5	-	.76	46	.38	14	4	3	0	0	0	0	0	2	1	2	1	6.11	-
	Elmdon	21-9	319	19.5	7.7	13.6	-	23.6	2	-1.0	21	-	-	.52	24	.20	15	5	4	0	0	0	0	0	4	1	6	0	6.16	-
	Shipston on Stour	9 9	365	20.0	8.6	14.3	-	23.9	2,4,5	4.4	21	14.0	-	.54	-	.24	14	5	3	0	0	0	0	0	1	0	9	-	6.64	-
	Wellesbourne ...	9 9	153	20.3	7.4	13.9	-	23.9	2,4,24	0.6	21	13.0	14.8	.72	32	.43	14	5	3	0	0	0	0	0	2	0	10	0	6.04	-
	Moreton Morrell	9 9	280	20.3	8.1	14.2	-	24.4	4	1.7	28	-	-	.65	-	.35	14	5	3	0	0	0	0	0	2	0	7	1	6.37	-
	Coventry ...	9 9	338	19.6	8.4	14.0	+0.3	23.3	4,5,24	1.7	28	-	13.8	.57	26	.36	15	4	4	0	-	0	0	0	0	0	3	0	6.32	153
	Rugby	9 9	385	19.7	8.4	14.1	+0.5	23.9	5	0.6	21	13.8	14.9	.76	-	.24	15	7	3	-	0	-	-	-	0	0	1	-	-	-
Oxford	Oxford ¶§	9 9	208	20.6	9.6	15.1	+0.7	25.6	5	4.4	21,29	16.0	15.8	.61	28	.16	16	6	5	0	0	0	0	0	0	0	3	0	7.01	159
	Grendon Underwood	9 9	220	20.6	6.9	13.7	-	25.0	3,4,5	-1.7	21	14.6	15.0	.78	-	.37	25	6	5	0	0	0	0	1	-	1	2	0	6.90	-
Buckingham	Medmenham	9 9	98	20.7	6.3	13.5	-	25.6	3,4,5	0.6	21	-	-	.84	-	.37	14	6	4	-	-	-	-	-	-	0	17	-	-	- S
	Aylesbury ...	9 9	316	19.8	8.7	14.3	-	24.4	4,5	2.2	21	-	-	1.35	61	.64	25	6	5	0	0	0	0	2	3	0	4	0	6.96	-
Stafford	Keele	9 9	587	17.7	8.7	13.2	-	21.7	2,4,24	1.1	21	13.2	13.2	.83	31	.18	5	11	7	0	0	0	0	1	3	0	1	0	5.24	-
	Oaken	9 9	409	19.1	7.9	13.5	-	23.3	2	2.2	21	13.1	-	.55	-	.17	5	7	5	-	-	-	-	-	-	0	16	-	-	-
	Stone	9 9	350	18.4	7.7	13.1	-	22.8	24	0.0	21	-	-	.93	-	.28	15	10	6	0	0	0	0	0	2	1	3	0	5.45	-
	Penkridge ...	9 9	330	18.8	8.1	13.5	-	22.8	24	0.0	21	-	-	.42	-	.15	16	6	4	0	0	0	0	0	2	0	4	0	-	-
	Onecote ...	9 9	1350	15.1	7.6	11.3	-	19.4	4	2.2	21	11.8	11.4	.99	-	.23	5	9	9	0	0	0	0	0	2	0	1	0	4.81	-
Shropshire	Oswestry ...	9 9	570	17.7	9.0	14.3	-	21.7	4,6	5.0	21	-	-	1.01	-	.22	25	10	7	0	0	0	0	1	1	0	0	0	4.86	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.00	37	.36	15	11	6	-	-	-	-	-	-	-	-	-	4.90	- S
	Shrewsbury ...	9 9	184	19.2	8.7	13.9	+0.2	22.8	2,4,23	2.2	21	14.4	15.3	.96	45	.32	15	8	6	0	0	0	0	1	0	0	3	0	5.13	126
	Shawbury ...	21-9	235	19.1	7.6	13.3	-0.2	22.9	23	1.2	28	-	-	.93	43	.24	5	7	6	0	0	0	0	1	0	0	7	0	5.60	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.97	-
	Newport ...	9 9	211	19.1	7.4	13.3	+0.2	22.8	2,14,24	-0.5	21	-	-	.52	24	.20	5	7	4	0	0	0	0	0	2	1	9	1	4.57	110
Worcester	Malvern	9 9	203	20.0	9.7	14.9	-	23.9	2	3.9	21	15.3	14.8	.65	27	.35	15	7	3	0	0	0	0	0	3	0	1	0	6.29	140 S
	Worcester ...	9 9	190	20.2	8.9	14.5	-	23.9	2	-0.5	28	-	-	.63	31	.32	15	5	4	-	0	-	-	-	3	1	4	-	5.51	-
	Pershore Inst. of Hort.	9 9	130	20.6	8.8	14.7	-	24.4	2	3.3	28,29	-	-	.95	-	.68	14	5	4	-	-	-	-	-	4	0	4	-	6.35	-
	Pershore ...	21-9	114	20.4	8.5	14.5	-	24.6	2	0.6	21	-	-	.89	-	.39	15	5	5	0	0	0	0	0	4	0	1	1	6.28	-
	Halesowen ...	9 9	505	19.2	8.3	13.7	-	22.8	2,4,11	0.6	21	14.2	13.7	.46	-	.18	15	4	3	0	0	0	0	0	1	0	4	0	5.89	-
Hereford	Lyonshall ...	9 9	510	18.9	8.1	13.5	+0.3	22.2	2,4	2.8	28	-	-	.89	-	.29	15	11	7	-	-	-	-	-	-	0	5	-	-	-
	Credenhill ...	9 9	246	19.7	7.6	13.7	-	23.9	2,4	1.1	28,29	-	-	.57	-	.26	15	7	6	-	-	-	-	-	2	0	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	19.9	9.1	14.5	+0.5	23.9	4	2.3	21	14.7	14.9	.62	27	.22	15	7	4	0	0	0	0	1	2	0	2	0	6.46	151
	Preston Wynne ...	9 9	274	19.7	7.3	13.5	-	22.8	2,5	0.6	21	-	-	.46	-	.13	15	8	4	0	0	0	0	0	2	0	7	0	5.63	-
Gloucester	Avonmouth ...	9 9	31	19.7	11.4	15.5	-	23.9	2	6.7	28	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	-	-
	Filton	21-9	192	19.9	9.8	14.9	+0.6	23.8	4	2.5	29	-	-	1.29	47	.37	15	9	7	0	0	0	0	1	0	0	4	0	6.09	-
	Hempsted ...	9 9	39	20.1	9.6	14.9	-	24.4	4	2.8	21	14.8	14.8	.92	-	.39	14	6	6	0	0	0	0	1	2	0	0	0	6.26	-
	Gloucester ...	21-9	79	29.7	10.1	15.4	-	24.9	4	3.4	21	-	-	.81	-	.41	14	5	4	0	0	0	0	0	2	0	1	0	6.71	-
	Cheltenham ...	9 9	214	20.2	9.8	15.0	+0.7	23.9	2,4	4.4	21	-	-	.78	35	.33	14	6	4	-	-	-	-	-	-	0	-	-	6.42	-
	Cirencester ...	9 9	443	20.2	8.8	14.5	-	25.0	4	2.2	21	-	-	.76	27	.33	15	6	4	0	0	0	0	0	0	0	2	-	6.91	-
	Little Rissington	21-9	740	19.1	9.6	14.3	-	23.2	5	5.0	21	-	-	.72	28	.33	15	7	5	0	0	0	0	0	0	0	0	0	6.60	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	20.7	11.1	15.9	+0.5	26.1	3	6.1	21	16.2	16.0	.62	29	.26	14	7	4	0	0	0	0	0	0	0	0	0	-	-
	Hampstead ...	9 9	450	20.1	10.1	15.1	+0.9	24.4	4,5	3.9	21	-	-	.54	24	.25	14	8	4	0	0	0	0	0	-	0	1	0	7.24	154
	St. James's Park	9 9	27	20.8	11.4	16.1	+0.5	26.1	10	6.7	21	-	-	.47	24	.29	14	5	4	0	-	0	0	0	-	0	-	0	-	-
	Regent's Park ...	9 9	129	21.0	10.7	15.9	-	26.1	4	5.0	21	-	-	.53	-	.19	14,16	6	4	-	0	-	-	-	1	0	3	-	(6.76)	154
	Camden Square	9 9	121	20.9	10.7	15.8	+0.2	26.1	5,10	5.6	21	15.9	17.7	.55	25	.21	16	6	4	-	0	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.09	161
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Greenwich ...	9 9	24	20.7	10.1	15.4	-	25.6	4,10	5.0	29	-	-	.49	27	.20	14	4	4	0	0	0	0	0	0	0	0	0	6.49	147
Middlesex	London (Heathrow) Airport	21-9	82	21.1	10.6	15.9	+1.0	26.2	4	4.9	21	-	-	.44	22	.21	14	5	4	0	0	0	0	0	1	0	0	0	7.12	-
	Hampton ...	9 9	39	20.8	10.7	15.7	-	26.1	3,4,5	6.1	21	-	-	.52	-	.26	14	6	4	0	0	0	0	0	2	0	0	0	7.35	-
	Southgate ...	9 9	221	20.7	10.2	15.5	-	26.1	3	5.0	21	14.9	-	.39	-	.17	14	7	4	0	0	0	0	0	0	0	0	0	6.80	-
Surrey	Wisley	9 9	150	20.9	9.0	14.9	+0.5	26.1	5,10	2.8	21,29	15.5	15.6	.59	30	.23	14	7	4	0	0	0	0	0	1	0	3	0	7.24	160
	Mickleham ...	9 9	179	20.2	8.1	14.1	-	25.6	3	1.1	21	-	-	.66	29	.30	14	4	4	0	0	0	0	1	1	0	7	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h	Air Frost ?	Grass min. below 0°C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	20.3	10.7	15.5	+0.6	24.8	4	5.1	29	15.4	15.1	.41	21	.20	14	5	3	0	0	0	0	0	2	0	4	0	7.31	154
—cont.	Gatwick ... §	21-9	192	20.8	7.5	14.1	-	25.9	11	1.6	23	-	-	.65	-	.36	14	4	4	0	0	0	0	0	2	0	2	0	7.58	-
	Waddon ...	9 9	220	20.3	9.9	15.1	+0.2	25.0	3,4,5	3.3	21	-	-	.52	25	.26	14	4	4	-	-	-	-	-	-	0	-	-	-	-
	Addington ...	9 9	474	20.0	10.6	15.3	+1.0	25.0	4	4.4	21	-	-	.60	27	.34	14	4	4	-	-	-	-	-	1	0	-	-	-	-
Kent	Bromley ...	9 9	213	19.4	10.2	14.8	-0.1	25.0	3,5	3.9	21	-	-	.50	26	.30	14	4	4	-	-	-	-	-	0	0	-	-	-	-
	Swanley	9 9	177	20.4	8.6	14.5	-	26.1	4	1.7	29	15.4	-	.47	-	.32	14	4	3	0	0	0	0	0	1	0	3	0	6.92	-
	Dartford ...	9 9	17	21.2	9.2	15.2	-	26.1	11	3.3	21,23,29	-	-	.40	22	.28	14	4	3	0	0	0	0	0	0	0	-	0	-	-
	Tunbridge Wells	9 9	351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Goudhurst ...	9 9	280	20.4	8.7	14.5	-	25.6	4	2.8	28	-	-	.48	20	.33	14	6	3	0	0	0	0	0	1	0	7	0	-	-
	East Malling ¶§	9 9	122	20.8	8.4	14.6	+0.7	27.2	11	3.9	13,23,30	15.1	15.7	.50	24	.22	14	8	4	0	0	0	0	0	1	0	0	0	7.34	149
	Gillingham ...	9 9	14	21.3	10.4	15.9	-	27.8	11	5.0	13,29	-	-	.43	-	.25	14	5	2	0	0	0	0	0	1	0	-	0	6.90	-
	Sittingbourne ...	9 9	224	20.2	9.6	14.9	-	26.1	11	3.9	2	15.4	15.3	.34	16	.13	14	7	4	0	0	0	0	0	0	0	1	0	7.68	-
	Isle of Grain ...	9 9	9	20.8	11.7	16.3	-	27.2	11	5.0	21	-	-	.24	-	.18	14	3	2	0	0	0	0	0	1	0	0	0	6.95	-
	Faversham ...	9 9	157	20.2	9.3	14.7	-	26.1	11	4.4	13,21	15.5	15.8	.30	-	.13	14	6	2	0	0	0	0	0	0	0	0	0	7.25	-
	Dungeness ...	21-9	10	19.2	11.9	15.5	+0.4	21.5	11	4.2	29	-	-	.53	26	.15	10	9	5	0	0	0	0	4	0	0	-	1	-	-
	Wye	9 9	185	20.2	9.5	14.9	+0.4	25.0	11	3.3	29	-	-	.53	23	.23	14	5	4	0	0	0	0	2	0	0	0	0	7.16	138
	Whitstable ...	9 9	9	20.3	11.0	15.7	-	27.2	11	4.4	29	-	-	.15	9	.08	14	3	2	0	0	0	0	2	0	0	-	0	7.27	-
	Folkestone ...	9 9	128	19.7	12.2	15.9	-	22.8	10	6.1	21	-	15.9	.67	31	.34	25	9	5	0	0	0	0	3	0	0	-	1	7.72	-
	Elmstone ...	9 9	28	20.1	9.2	14.7	-	25.6	10,11	3.3	29	-	-	.53	-	.19	5	8	5	-	0	-	-	-	0	0	0	-	-	-
	Herne Bay ...	9 9	21	20.2	11.9	16.1	-	26.7	11	7.2	30	-	-	.36	20	.10	14	6	5	0	0	0	0	2	0	0	-	0	6.87	-
	Dover	9 9	19	19.7	12.4	16.1	+0.7	22.8	8,11	7.2	21,29	17.5	17.6	.46	20	.14	16,26	7	4	0	0	0	0	3	0	0	0	0	7.23	- S
	Deal	21-9	18	19.5	12.4	15.9	-	24.5	10	5.7	29	-	-	.81	-	.43	26	7	6	0	0	0	0	3	0	0	0	0	-	-
	Manston ...	21-9	145	19.7	11.0	15.3	-	25.4	14	7.0	20	-	-	.49	-	.28	26	8	3	0	0	0	0	3	0	0	0	0	-	-
	Ramsgate ...	9 9	80	19.8	13.2	16.5	-	25.0	10	8.9	21	-	-	1.06	50	.64	26	8	6	0	0	0	0	3	0	0	-	-	7.34	139
	Margate ...	9 9	51	19.2	13.2	16.2	+0.6	25.0	11,14	9.4	18,20	16.4	16.3	.44	23	.26	26	6	4	0	0	0	0	2	0	0	-	0	7.45	135
Sussex	Thorney Island ...	21-9	10	20.5	11.2	15.9	-	23.2	4,11,30	5.0	21	-	-	1.12	54	.44	14	7	6	0	0	0	0	0	0	0	0	0	7.40	-
	Bognor Regis ...	9 9	24	18.8	12.3	15.5	+0.6	22.2	11	5.6	21	-	16.2	.97	44	.39	14	7	6	0	0	0	0	0	0	0	0	0	7.89	148
	Fernhurst ...	9 9	188	19.9	8.1	14.0	-	25.6	3	1.9	21	-	-	.91	-	.39	14	5	4	0	-	0	0	0	-	0	5	0	7.23	-
	Littlehampton ...	9 9	15	19.7	11.3	15.5	+0.6	22.8	11,12	5.0	21	-	16.2	.59	27	.33	14	7	4	0	0	0	0	0	0	0	-	0	8.26	155
	Rustington ...	9 9	10	-	9.7	-	-	-	-	4.4	21	-	15.1	.62	-	.33	14	5	4	-	0	-	-	-	-	0	1	-	7.33	-
	Worthing ...	9 9	25	19.9	12.6	16.3	+1.0	23.3	11	7.2	21	16.1	15.9	.70	32	.43	14	8	4	0	0	0	0	0	0	0	0	0	7.95	144
	Brighton ...	9 9	32	19.3	12.8	16.1	-	22.2	2	6.7	21	-	16.6	1.00	46	.41	14	7	5	0	0	0	0	0	0	0	0	0	7.59	141
	East Grinstead ...	9 9	400	20.2	8.2	14.2	-	25.0	3,4	2.2	28,29	-	15.8	.83	-	.36	14	7	4	-	-	-	-	-	1	0	-	-	-	-
	Seaford	9 9	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	East Hoathly ...	21-9	130	20.2	9.1	14.7	-	24.9	4	1.5	21	-	-	.68	-	.34	14	7	5	0	0	0	0	1	1	0	1	0	7.27	-
	Eastbourne ...	9 9	23	19.0	12.6	15.8	+0.5	22.2	11	7.2	21	16.9	16.8	1.35	54	.48	16	9	5	0	-	0	0	0	0	0	0	0	7.80	143
	Eastbourne C/Guard	21-9	17	19.7	11.4	15.5	-	23.2	11	6.2	21,29	-	-	1.35	-	.39	16	9	6	0	0	0	0	0	0	0	0	0	-	-
	Bexhill	9 9	12	18.8	12.2	15.5	+0.4	21.7	11	5.0	21	16.3	-	1.33	60	.62	14	7	5	0	0	0	0	0	0	0	0	0	7.12	136
	Bodiam	9 9	73	20.6	8.3	14.5	-	26.1	4	1.7	28	15.6	15.6	.86	-	.44	14	9	5	0	0	0	0	1	1	0	2	0	6.84	-
	Hastings ¶§	9 9	149	19.2	12.7	15.9	+0.6	22.2	11	6.1	21	16.2	16.3	1.01	46	.37	14	8	6	0	0	0	0	1	0	0	0	0	7.48	141
Berkshire	Letcombe Regis	9 9	350	20.0				25.6	5	2.8	1,30	-	-	.70	-	.20	14	6	5	0	0	0	0	0	0	0	-	0	-	-
	Abingdon ...	21-9	210	20.9	8.8	14.9	+0.7	27.2	5	1.9	21	-	-	.60	30	.15	14	6	5	0	0	0	0	1	2	0	1	0	6.83	-
	Compton ...	9 9	339	20.1	8.0	14.1	-	25.0	5	0.6	29	15.2	-	.81	-	.23	14	7	5	0	0	0	0	1	-	0	-	0	-	-
	Woolhampton ...	9 9	370	20.2	8.8	14.5	-	25.6	3,4	3.3	29	15.2	-	1.21	56	.41	25	7	5	0	0	0	0	1	2	0	1	0	-	-
	Wallingford ...	9 9	157	20.7	8.0	14.3	-	26.1	5	0.6	21	14.6	14.3	.87	-	.24	25	6	5	0	0	0	0	0	-	0	5	0	6.86	-
	Shinfield ...	9 9	200	20.9	8.5	14.7	+0.4	26.1	4,5	2.8	21	-	-	.82	38	.35	14	6	6	-	0	-	-	-	2	0	2	-	6.26	-
	Reading ...	9 9	148	20.9	9.7	15.3	+0.6	26.1	5	4.4	21	15.9	16.3	.80	38	.28	14	7	5	0	0	0	0	1	1	0	0	0	6.80	-
	Reading S.T.G.	9 9	141	20.8	9.1	14.9	-	26.1	5	3.3	23,28	-	-	.81	41	.29	14	6	5	-	-	-	-	-	2	0	5	-	6.90	-
	Finchampstead ...	9 9	212	20.7	7.7	14.2	-	25.6	3,4,5	1.1	30	13.5	13.6	.68	-	.26	14	7	5	0	0	0	0	1	2	0	6	0	6.90	-
	Hurley	9 9	140	20.7	8.6	14.7	-	25.6	3,4,5	3.3	23,30	15.1	-	.84	-	.32	14	6	6	0	0	0	0	1	1	0	1	0	6.89	-
	Bracknell ...	9 9	243	20.4	9.2	14.8	-	25.0	3,5,10	3.9	28,29	15.4	15.5	.62	-	.24	14	6	5	0	0	0	0	1	1	0	0	0	7.08	-
Hampshire	Bournemouth ...	9 9	130	19.6	11.2	15.4	+0.7	23.9	3	5.0	28	15.9	15.8	1.02	41	.30	14	8	7	0	0	0	0	0	1	0	0	1	7.77	155
	Hurn	21-9	33	20.2	9.0	14.6	-	24.8	3	1.0	21	-	-	.90	37	.28	14	9	6	0	0	0	0	0	3	0	3	0	-	-
	Christchurch ...	9 9	9	19.9	10.2	15.1	-	23.3	3,11	2.2	28	-	-	.82	-	.29	14	6	5	0	0	0	0	0	1	0	3	0	-	-
	Everton ...	9 9	51	19.9	10.9	15.4	-	23.9	3,4	3.9	28	-	-	.90	-	.34	14	6	6	0	0	0	0	0	1	0	1	0	7.89	-
	Southampton ¶§	9 9	65	21.1	10.9	16.0	+1.1	25.6	4	5.0	21	16.6	17.1	.73	29	.29	14	8	6	0	0	0	0	0	1	0	0	0	6.99	142
	Leckford ...	9 9	385	20.2	9.5	14.9	-	25.6	3	3.9	21,29	14.1	-	1.02	41	.33	14	8	4	-	0	-	-	-	3	0	-	-	6.94	156
	Winchester ...	9 9	122	20.8	7.5	14.1	-	25.6	3,4	1.1	28,29	-	13.1	.78	30	.26	14	8	6	0	0	0	0	0	3	0	-	0	6.89	- S
	Martyr Worthy	9 9	275	20.8	8.9	14.9	-	25.6	3	1.7	21	-	-	.67	-	.25	14	8	5	0	0	0	0	0	1	0	3	0	6.96	-
	Southsea ...	9 9	7	19.6	12.4	16.0	+0.4	22.8	11	6.7	21	16.8	16.7	.84	38	.36	14	6	6	0	0	0	0	0	0	0	2	1	7.45	142
	Hayling Island ...	9 9	13	19.2	12.3	15.7	-	21.7	9,10,11	6.1	21	-	-	.87	-	.39	14	7	6	0	0	0	0	0	0	0	-	0	7.70	-
	Long Sutton ...	9 9	512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Alice Holt Lodge	9 9	378	20.1	8.7	14.4	-	25.6	3	2.8	23,29	-	-	.62	26	.21	14	7	5	0	0	0	0	0	2	0	4	0	6.82	- S
	S. Farnborough	21-9	226	20.9	8.6	14.7	+0.4	26.7	3	2.1	21	-	-	.55	26	.21	14	6	5	0	0	0	0	1	0	0	5	1	6.94	149
I. of Wight	St. Catherine's Pt.	9 9	51	18.4	13.3	15.9	+0.7	21.5	3	9.5	21	-	-	.84	35	.44	14	7	5	0	-	0	0	0	0	0	-	0	-	-
	Ventnor Park ...	9 9	443	19.0	12.8	15.9	+0.5	22.2	11	6.1	21	16.3	15.5	1.19	45	.60	14	9	5	0	0	0	0	0	0	0	0	0	7.57	137
	Shanklin ...	9 9	180	18.8	12.4	15.6	-	22.8	5	6.7	21	-	-	1.16	-	.59	14	8	5	0	0	0	0	0	0	0	-	0	8.19	-
	Sandown ...	9 9	13	19.7	12.8	16.3	+0.8	23.3	11	6.7	21	-	-	.98	40	.49	14	7	5	0	0	0	0	0	0	0	-	-	7.80	139
	Ryde	9 9	15	19.7	12.6	16.1	+0.7	23.3	5	7.2	28,29	-	-	1.17	48	.41	14	8	6	-	0	-	-	-	0	0	-	-	7.63	146
Wiltshire	Lacock	9 9	160	20.2			-	24.4	4			-	-	1.17	-	.42	15	7	5	-	0	-	-	-	4	0	6	-	-	-
	West Lavington	9 9	305				-	25.0		0.6	21	-	-	1.14	44	.39	13	7	6	0	0	0	0	0	1	0	-	0	-	-
	Lyneham ...	21-9	476	19.5	9.5	14.5	-	23.8	4	3.8	21	-	-	1.22	51	.48	15	6	6	0	0	0	0	0	1	0	3	0	6.92	-
	Chiseldon ...	9 9	510	20.0	8.6	14.3	-	25.6	5	2.2	21	-	-	.84	-	.26	16	5	4	0	0	0	0	0	0	0	5	0	-	-
	Larkhill	9 9	431	20.0	8.7	14.3	+0.7	24.9	5	2.9	21,29	-	-	1.06	47	.36	14	11	5	0	0	0	0	1	2	0	3	0	-	-
	Boscombe Down	21-9	414	20.4	9.0	14.7	+0.9	25.3	5	3.5	28,29	-	-	1.00	42	.35	14	9	6	0	0	0	0	1	3	0	2	0	6.62	145
	Upavon	21-9	578	19.7	9.5	14.6	-	24.9	5	4.7	21	-	-	.92	-	.35	14	8	4	0	0	0	0	1	2	0	0	0	-	-
	Porton ... ¶§	9 9	364	20.2	8.4	14.3	+0.6	24.9	5	0.6	28	14.0	-	1.05	42	.34	14	9	5	0	0	0	0	1	3	0	3	0	6.68	140
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	16.8	10.7	13.7	-	23.9	4	1.1	21	-	-	4.46	104	1.51	21	17	14	-	0	-	-	-	0	0	1	-		
	Carlisle	21-9	86	17.5	9.2	13.3	-	23.9	3	-1.5	21	-	-	2.69	-	.68	21	15	10	0	0	0	0	0	1	1	1	0	4.94	-
	Newton Rigg ¶§	9 9	560	16.6	7.7	12.1	0.0	21.7	3,4	-2.2	21	-	-	2.43	78	.37	15	18	14	-	0	-	-	-	0	1	6	-	4.89	131
	Spadeadam ...	9 9	900	15.1	7.3	11.2	-	21.1	3,24	-1.1	21	11.4	11.5	4.65	-	1.14	9	16	14	0	0	0	0	0	2	1	2	0	4.28	-
Westmorland	Ambleside ...	9 9	151	17.0	8.4	12.7	-	23.3	4	0.0	21	-	-	5.50	80	1.01	21	19	16	0	0	0	0	0	1	0	-	0	4.03	124

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm) or more	·04in. (1·0mm) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a ENGLAND, N.W.—cont.																														
Westmorland	Great Dun Fell	21-9	2780																										3.42	-
—cont.	Moor House ...	9 9	1825	13.1	5.6	9.3	-	18.9	4,24	-2.2	21	10.2	-	7.05	-	1.31	8	21	17	-	0	-	-	-	4	3	6	-	4.38	-
Lancashire	Squires Gate ...	21-9	33	17.9	9.8	13.9	0.0	23.1	2	-0.1	21	-	-	1.89	57	.33	14	15	12	0	0	0	0	2	1	1	1	0	5.52	125
	Urswick	9 9	130	17.3	10.4	13.9	-	23.3	4	0.0	21	-	-	3.93	-	1.04	21	15	12	0	-	0	0	2	2	0	-	1	-	-
	Southport ...	9 9	16	17.5	8.9	13.2	-	22.2	2,24	1.1	21	19.2	13.1	1.63	-	.33	14,16	15	11	-	0	-	-	-	3	0	1	-	5.47	-
	Poulton-le-Fylde	9 9	38					22.2	2			-	-			.35	14			0	0	0	0	0	1	0	-	0	-	-
	Grizedale ...	9 9	300	-	7.4	-	-	-	-	-1.7	21	13.5	-	5.73	-	1.42	21	18	15	0	0	0	0	0	0	1	2	0	-	-
	Speke	21-9	80	18.5	10.5	14.5	-	23.0	2	3.1	21	-	-	1.44	51	.37	16	13	9	0	0	0	0	0	2	0	1	0	5.09	-
	Kirkham ...	9 9	78	17.8	9.3	13.5	-	22.2	2	0.0	21	-	-	2.02	55	.41	14	14	13	0	0	0	1	2	0	1	2	0	5.39	-
	Garstang ...	9 9	68	17.1	9.7	13.4	-	21.7	2	0.6	21	-	-	2.40	-	.46	14	16	12	-	0	-	-	-	0	0	1	-	4.80	-
	Morecambe ...	9 9	24	17.2				22.8	2	3.3	21	-	-	2.53	66	.45	5	18	12	0	0	0	0	0	1	0	-	0	5.03	117
	Preston	9 9	108	17.6	9.9	13.7	-	22.2	4	0.6	21	-	-	2.33	60	.90	16	15	11	0	0	0	0	2	1	0	1	0	-	-
	Stonyhurst ¶§	9 9	377	17.1	9.2	13.1	+0.1	22.2	4	1.1	21	-	-	2.61	57	.64	16	15	13	-	0	-	-	-	0	0	1	-	4.76	124
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.58	-
	Helmshore ...	9 9	854	15.9	8.6	12.3	-	21.1	4	1.7	21	12.4	-	2.78	52	.64	16	16	14	-	0	-	-	-	0	0	1	-	4.85	-
	Burnley	9 9	655	16.7	8.8	12.7	-	21.7	4	0.0	21	12.8	12.4	2.52	-	.85	16	15	15	0	0	0	0	1	0	1	-	0	4.56	-
	Nelson	9 9	540	16.4	8.8	12.6	-	22.2	4	0.0	21	13.6	13.0	2.42	60	.71	16	15	12	-	0	-	-	-	0	0	2	-	4.16	- S
	Rochdale ...	9 9	362	17.3	7.9	12.6	-	23.3	4	-0.6	21	-	-	2.03	-	.66	16	15	12	0	0	0	0	1	0	1	1	0	-	- S
Cheshire	Bidston Obs'y. ¶§	9 9	198	17.4	10.8	14.1	+0.4	21.7	3,24	7.2	21	-	-	1.52	58	.59	16	15	10	-	-	-	-	-	-	0	0	-	(5.54)	132
	Winnington ...	9 9	65	18.9	10.3	14.6	-	23.3	24	0.6	21	-	-	1.33	49	.48	16	12	10	0	0	0	0	1	2	0	0	0	-	-
	Knutsford ...	9 9	212	18.7	9.0	13.9	-	22.8	4	1.1	21	14.8	15.2	1.54	-	.50	16	12	11	-	0	-	-	-	1	0	1	-	-	-
	Ringway ¶§	21-9	248	17.9	9.8	13.9	+0.4	22.6	2,4	0.8	21	-	-	1.71	64	.60	16	13	10	0	0	0	0	2	1	0	0	0	4.82	125
	Macclesfield ...	9 9	500	17.8	9.5	13.7	+0.5	22.2	2,24	2.2	21	-	-	1.19	38	.35	16	14	9	0	0	1	0	2	0	0	-	0	-	-
7b NORTH WALES																														
Flint	Rhyl	9 9	31	18.6	10.7	14.7	+0.6	23.3	2	5.6	21	-	-	1.18	45	.36	16	12	9	0	0	0	0	0	1	0	0	0	5.65	130
	Prestatyn ...	9 9	12	18.5	11.1	14.8	-	23.3	2	6.1	1	-	-	1.33	49	.41	5,16	13	8	0	0	0	0	0	0	0	-	0	4.57	112
	Hawarden Bridge	9 9	17	19.7	9.4	14.3	+0.3	22.8	2,24	3.3	21	-	-	1.13	48	.33	16	11	10	0	0	0	1	1	-	0	-	0	-	-
Anglesey	Valley	21-9	33	17.7	11.2	14.5	+0.3	22.3	2	4.5	21	-	-	2.02	64	.72	16	11	6	0	0	0	0	1	1	0	1	0	5.58	121
Denbigh	Colwyn Bay ...	9 9	118	18.3	11.2	14.7	+0.4	23.3	23	6.1	1	14.5	-	.99	35	.39	5	11	6	0	0	0	0	0	0	0	-	0	5.41	124
	Alwen	9 9	1100	15.8	6.9	11.3	-	20.6	3	0.0	21	-	-	2.09	-	.42	16	15	10	-	-	-	-	-	-	0	3	-	-	-
	Ruthin	9 9	248	18.3	9.4	13.9	-	22.2	2,3	5.0	21	-	-	1.16	-	.28	14	12	9	-	0	-	-	-	0	0	-	-	5.73	-
	Loggerheads ...	9 9	690	17.1	8.6	12.9	-	21.7	3	5.0	3,4,21	12.7	13.1	1.79	-	.39	15	15	11	0	0	0	0	2	1	0	0	0	-	-
	Bwlchgwyn ...	9 9	1267	15.2	7.9	11.5	-	21.7	4	4.4	21	10.6	-	1.80	-	.42	5,16	11	9	0	0	0	0	0	1	0	2	0	-	-
	Wrexham ...	9 9	275	18.9	8.7	13.8	-	22.2	24	3.9	21	13.7	13.7	.97	-	.19	5	11	8	0	0	0	0	0	1	0	4	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	16.7	12.7	14.7	-	19.1	2	9.0	16	-	-	1.72	-	.54	5	11	8	-	0	-	-	-	2	0	0	-	-	-
	Botwnnog ...	9 9	112	17.5	10.5	14.0	-	21.1	2,23	3.9	21	14.9	14.8	2.32	-	.86	5	12	8	0	0	0	0	1	0	0	0	0	5.44	-
	Bryn Adda ...	9 9	275	18.3	10.6	14.5	-	24.4	2,23	5.0	21	-	-	2.33	-	.71	14	13	9	0	0	0	0	0	0	0	1	1	5.37	-
	Cwm Dyli ...	9 9	324	17.4	10.1	13.7	-	23.9	23	3.3	21	14.2	-	7.39	-	1.39	14	21	18	-	0	-	-	-	0	0	3	-	-	-
	Aber	9 9	60	17.9	11.1	14.5	+0.3	23.9	2	5.6	21	-	-	1.95	50	.57	14	13	9	0	0	0	0	0	1	0	0	0	4.99	120
	Llandudno ¶§	9 9	13	17.9	11.7	14.8	+0.4	23.3	24,24	6.7	21	-	-	1.03	38	.33	5	9	7	0	0	0	0	0	0	0	-	0	5.45	122
Merioneth	Llyn Stwlan ...	9 9	1656																											
	Blaenau Ffestiniog	9 9	750		-	-	-	22.2	2,3,5	-	-	-	-	9.55	-	2.20	21	19	17	-	0	-	-	-	3	-	-	-	3.40	- S
	Corwen	9 9	473	17.7	7.4	12.5	-	22.8	3	0.0	21	-	-	1.67	-	.48	15	13	11	0	0	0	0	0	-	1	1	0	-	- S
Montgomery	Ceinws	9 9	200	18.1	8.4	13.3	-	23.3	3	1.1	21	-	-	4.63	-	.86	14	19	16	-	-	-	-	-	0	0	1	-	-	-
	Lake Vyrnwy ...	9 9	995	16.0	7.9	11.9	-	21.1	4	0.6	21	12.7	-	2.76	55	.59	16	17	11	0	0	0	0	0	0	0	17	0	-	-
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	378	17.3	11.1	14.2	+0.1	22.4	2	7.4	28	-	-	1.34	40	.54	5	11	7	0	0	0	0	0	1	0	0	2	5.15	-
	Aberystwyth ...	9 9	12	17.5	8.6	13.1	-1.2	23.9	23	5.6	21	-	-	1.13	-	.22	14	12	10	-	0	-	-	-	3	0	-	-	5.89	134
	" P.B.S.*	9 9	452	17.7	10.1	13.9	+0.4	22.2	2,3,23	3.9	21	-	-	1.36	43	.42	5	13	8	0	0	0	0	0	2	0	1	0	5.13	120
	Gogerddan ...	9 9	103	19.3	9.1	13.7	-	23.9	23	2.8	21,28	-	-	1.03	28	.44	5	15	5	0	0	0	0	0	1	0	-	0	4.92	-
	Swyddffynnon ...	9 9	540	17.6	8.7	13.1	-	22.8	23	-0.6	28	-	-	2.44	-	.37	5	18	12	-	0	-	-	-	1	1	3	-	5.17	
	Trawscoed ...	9 9	200	18.5	9.4	13.9	-	23.3	23	1.1	21	12.8	-	1.83	45	.41	16	11	9	0	0	0	0	0	3	0	0	0	5.06	-
	Llety-evan-hen ...	9 9	950	16.1	9.2	12.7	-	20.6	2,23	5.6	21	-	-	2.11	-	.50	5	17	17	0	0	0	0	0	2	0	0	0	4.67	124
	Cwmystwyth ...	9 9	989	16.4	8.2	12.3	-	21.7	3	0.0	21	-	-	2.60	-	.55	5	18	14	0	0	0	0	0	-	1	-	0	-	-
Pembroke	Dale Fort ...	9 9	109	18.1	12.6	15.3	-	22.2	3	8.3	28	15.2	-	.87	-	.46	5	7	4	0	0	0	0	0	0	0	0	3	6.42	-
	Brawdy	9 9	360	17.1	10.2	13.7	-	20.0	1,3,24	6.1	28	-	-	2.49	-	.71	5	12	6	0	0	0	0	1	1	0	0	2	5.23	-
	Haverfordwest ...	9 9	131	18.2	9.7	13.9	+0.1	21.7	3.4	2.8	29	-	-	1.09	28	.55	5	7	5	0	0	-	-	-	0	0	-	-	-	-
Carmarthen	Carmarthen ...	9 9	50	19.0	8.6	13.8	-	23.9	4	1.1	21	15.4	15.3	2.29	-	.84	15	15	7	0	-	0	0	0	0	0	1	1	5.61	-
Radnor	Llandrindod Wells ¶§	9 9	772	18.1	7.8	12.9	+0.4	21.7	3,4	1.1	21,29	13.0	-	1.42	45	.54	15	12	6	0	0	0	0	0	2	0	-	0	4.17	110
Brecknock	Llwynon ...	9 9	860	17.4	8.1	12.7	-	22.8	4	2.2	21	-	-	2.50	-	.82	14	16	11	0	0	0	0	0	0	0	-	0	-	- S
Glamorgan	Mumbles Head ...	21-9	117	17.7	12.4	15.1	-	20.3	4	8.1	21	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	3	-	-
	Swansea ...	9 9	27	18.8	11.8	15.3	+0.3	23.3	2	6.1	21	16.3	16.6	1.59	42	.43	14	13	7	0	0	0	0	0	0	0	-	0	5.22	114
	Port Talbot ...	9 9	24	19.5	11.3	15.4	-	23.3	2,4	3.3	21	-	-	1.74	-	.57	5	10	6	0	0	0	0	0	0	0	0	-	4.98	-
	Neath	9 9	202	18.5	11.2	14.9	-	22.8	2	4.4	21	-	-	1.49	-	.45	14	14	5	0	0	0	0	0	0	0	0	1	-	-
	Rhoose	21-9	220	18.9	10.3	14.6	-	22.8	2	3.8	21	-	-	1.50	44	.38	14	9	7	0	0	0	0	0	0	0	1	1	6.77	-
	Cardiff ... ¶§	9 9	202	19.5	10.3	14.9	+0.6	23.9	4	5.0	21,28	15.4	15.3	1.55	42	.48	15	9	6	0	-	-	-	-	-	0	-	-	6.83	146
Monmouth	Tredegar ...	9 9	1028	17.2	8.7	12.9	-	22.2	4	2.8	28	-	-	1.97	-	.82	15	12	10	0	0	0	0	0	0	0	3	0		S
	Newport ...	9 9	75	19.3	9.9	14.6	+0.4	24.4	4	5.0	21	-	-	1.57	46	.50	15	10	6	0	0	0	0	0	0	0	0	0	6.37	-
	Usk	9 9	70	19.5	7.7	13.6	-	23.3	4	1.1	21	14.3	-	.75	23	.29	15	7	4	0	0	0	0	0	2	0	2	0	6.09	-
	Crumbland Plantation	9 9	804	17.9	9.5	13.7	-	21.7	4	5.0	21	13.8	13.9	.93	-	.42	14	7	5	0	0	0	0	0	2	0	1	0	6.78	-
8b ENGLAND, S.W.																														
Somerset	Hawkridge ...	9 9	1030	16.7	9.3	13.0	-	21.1	30	3.3	28	-	-	2.29	-	.53	15	13	11	0	0	0	0	0	1	0	1	0	6.06	-
	Cannington ...	9 9	95	20.6	10.7	15.7	-	24.4	4,5	2.8	29	14.4	-	1.34	52	.29	14	10	7	-	-	-	-	-	1	0	-	-	6.77	148
	Weston-s.-Mare	9 9	28	20.2	11.3	15.7	+0.8	23.9	2	5.6	28,29	-	-	2.01	67	.92	16	7	6	0	0	0	0	1	0	0	0	1	6.89	146
	Long Ashton ¶§	9 9	162	20.0	9.8	14.9	+0.8	24.4	2,4	3.3	21	15.4	-	1.62	50	.46	15	7	7	0	0	0	0	0	0	0	4	0	7.01	157
	Wincanton ...	9 9	375	19.6	9.6	14.6	-	24.4	5	2.8	21	-	-	1.71	-	.52	14	12	10	0	0	0	0	0	4	0	2	0	-	-
	Bath City Boys' School	9 9	388	19.3	10.3	14.8	-	23.3	5	5.6	21	15.4	-	1.74	-	.59	16	9	6	0	0	0	0	1	2	0	-	0	6.65	-
Dorset	Lyme Regis ...	9 9	200	19.8	11.1	15.5	-	25.0	4	4.4	21	-	-	1.20	-	.45	14	8	4	0	0	0	0	0	0	0	0	0	7.03	- S
	Portland Bill ...	21-9	35	18.9	13.9	16.4	+1.1	22.9	5	9.1	21	-	-	.95	44	.27	14	7	6	0	0	0	0	0	-	0	-	4	-	-
	Weymouth ...	9 9	16	20.0	12.4	16.2	+0.9	23.3	4,10	5.6	21	-	-	.90	36	.32	14	7	5	-	0	-	-	-	1	0	-	-	7.79	150
	Winfrith ...	9 9	85	19.7	9.3	13.5	-	24.4	3	1.1	28	-	-	.93	-	.27	14	8	5	-	0	-	-	-	1	0	-	-	-	-
	Shaftesbury ...	9 9	680	18.8	10.2	14.5	+1.1	24.4	4	5.6	21	-	-	1.19	45	.43	14	9	7	-	0	-	-	-	2	0	-	-	-	-
	Swanage ...	9 9	37	19.7	12.0	15.9	-	22.8	11	6.1	21	-	16.4	.98	-	.26	14	9	6	0	-	0	0	1	2	0	0	1	7.31	140
	Poole	9 9	18	20.1	9.8	14.9	-	24.4	4	2.8	21	-	-	1.08	-	.33	16	7	5	0	0	0	0	1	1	0	-	0	7.22	143

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b	ENGLAND, S.W.—cont																													
Devon	Clawton	9 9	412	19.3	7.2	13.3	-	24.4	2	-1.7	28	-	-	1.93	-	.53	5	16	10	0	0	0	0	0	3	1	-	1	-	-
	Hartland Point ...	21-9	298	17.4	12.6	15.0	-	21.8	13	8.5	28	-	-	1.77	-	.48	5	15	9	0	0	0	0	0	1	0	0	3	6.62	139
	Mount Batten ...	21-9	87	18.6	11.9	15.3	+0.6	24.6	4	5.2	21	-	-	1.74	60	.51	14	9	6	0	0	0	0	1	0	0	0	0	6.61	130
	Plymouth, The Hoe	9 9	119	18.8	12.0	15.4	+0.5	23.3	4	5.6	21	16.1	15.9	1.33	46	.44	14	8	6	0	0	0	0	1	0	0	1	0	6.40	126
	Tavistock ...	9 9	457	19.1	10.5	14.8	+0.9	25.0	4	2.8	21	-	8.7	2.08	-	.66	5	14	10	0	0	0	0	0	0	0	3	0	-	-
	Chivenor ...	21-9	20	19.8	11.2	15.5	-	23.9	2	3.7	28	-	-	1.44	-	.48	14	11	8	0	0	0	0	0	2	0	0	0	6.01	-
	Ilfracombe ...	9 9	25	18.5	13.1	15.8	+0.6	22.2	2,13	8.9	28	16.2	16.2	1.53	46	.40	14	12	8	0	0	0	0	0	0	0	0	0	6.19	131
	Totnes	9 9	120	19.5	9.1	14.3	-	25.6	5	1.7	28	15.6	15.0	1.54	44	.67	14	9	5	0	0	0	0	1	0	0	4	1	6.47	-
	Slapton	9 9	104	18.7	11.9	15.3	-	23.9	5	6.1	21	-	-	1.81	-	.44	14	11	9	0	0	-	-	-	0	0	0	-	-	-
	Newton Abbot ...	9 9	272	19.3	9.9	14.6	+0.3	24.4	5	4.4	21,28	-	-	1.09	37	.45	14	8	3	0	0	0	0	0	0	0	0	0	6.97	143
	Paignton ...	9 9	8	19.6	11.6	15.6	-	23.9	5	5.6	21	-	-	1.35	47	.37	5	12	6	0	0	0	0	0	0	0	-	0	6.75	137
	Torquay ...	9 9	26	19.4	12.1	15.7	+0.8	23.9	4,5	6.7	21	-	16.9	1.00	38	.35	5	7	5	0	0	0	0	0	0	0	0	1	7.22	139
	Teignmouth ¶§	9 9	20	19.1	12.1	15.6	+0.5	22.8	4	6.1	21	-	-	.98	38	.39	5	6	3	0	0	0	0	0	0	0	-	0	6.99	138
	Starcross ...	9 9	29	19.7	10.8	15.3	-	24.4	4	3.9	21	15.7	-	.94	36	.33	5	7	4	0	0	0	0	0	1	0	0	0	7.10	-
	Exeter, Southam	9 9	160																											
	Exmouth ...	9 9	195	18.9	11.4	15.1	+0.8	23.3	4	3.9	28	-	-	.79	29	.32	5	5	3	0	0	0	0	0	0	0	-	0	7.00	142
	Exeter	21-9	106	19.9	10.0	14.9	-	24.5	4	2.0	28	-	-	.89	34	.31	5	7	3	0	0	0	0	0	3	0	1	0	6.04	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	18.5	13.6	16.1	+0.9	21.2	3	10.8	21	-	-	1.67	68	.54	14	15	9	0	0	0	0	1	2	0	-	1	6.17	120
	Penzance ...	9 9	62	18.8	12.3	15.5	+0.4	20.6	5,11,29	6.1	21,28	-	-	2.74	87	.66	25	16	12	0	0	0	0	1	0	0	0	0	6.51	125
	Gulval	9 9	50	18.4	12.6	15.5	+0.7	20.6	5,11	7.2	21,28	-	-	2.54	84	.81	25	13	10	0	0	-	-	-	0	0	0	-	6.13	122
	Culdrose ...	9 9	268	18.0	11.6	14.8	-	21.7	4	6.1	28	-	-	1.48	-	.40	5	10	8	0	0	1	0	1	2	0	0	1	6.59	-
	Rosewarne ...	9 9	250	18.2	12.2	15.2	-	21.7	2	6.7	21	15.2	15.2	1.79	62	.55	4	15	8	-	0	-	-	-	0	0	0	-	6.21	-
	Lizard	9 9	240	18.1	13.0	15.5	+0.8	22.9	4	9.9	21	-	-	1.45	43	.33	5	13	9	0	-	0	0	1	-	0	-	3	6.72	-
	Falmouth ¶§	9 9	167	18.0	11.5	14.7	-0.2	21.7	11	7.2	21,28	-	-	1.61	52	.40	5	11	8	0	0	0	0	0	0	0	0	0	6.10	122
	Newquay ...	9 9	176	18.6	12.0	15.3	+0.7	22.8	2	5.6	21,28	-	-	1.44	55	.48	5	11	6	0	0	0	0	1	-	0	-	2	5.99	120
	St. Mawgan ...	21-9	337	18.2	11.9	15.1	-	21.6	2	6.5	21	-	-	1.72	-	.59	5	13	8	0	0	0	0	1	1	0	0	0	6.24	-
	St. Austell ...	9 9	310	18.4	12.3	15.3	-	22.2	3,4	5.0	21	-	-	2.29	64	.69	5	11	7	0	0	0	0	0	1	0	-	0	-	-
	Fowey	9 9	51	19.8	12.4	16.1	+1.2	24.4	4	6.1	21	-	-	1.51	-	.49	5	11	8	0	0	0	0	0	0	0	-	0	-	-
	Bude	9 9	50	18.9	10.9	14.9	+0.4	23.9	2	3.3	28	13.8	-	1.41	48	.47	5	12	7	-	0	-	-	-	-	0	-	-	5.95	126
	Ellbridge ...	9 9	190	19.4	10.8	15.1	+0.9	26.1	4	3.3	22	-	-	1.36	43	.41	5	15	7	0	0	0	0	0	0	0	0	1	6.62	134
9	NORTHERN IRELAND																													
Londonderry	Loughermore Forest	9 9	570	15.7	8.1	11.9	-	20.6	3	0.0	21	-	-	4.15	-	.54	21	22	18	0	0	0	0	0	0	0	2	0	-	-
	Ballykelly ¶§	21-9	6	16.7	10.0	13.3	+0.4	21.0	23	1.5	21	-	-	3.15	94	.44	21	20	17	0	0	0	0	1	1	0	3	1	4.43	113
	Derrynoyd Forest	9 9	290	16.4	8.3	12.3	-	21.7	3	2.2	21,30	-	-	2.95	-	.56	21	20	19	0	0	0	0	0	0	0	3	0	-	-
	Somerset Forest	9 9	140	16.4	8.4	12.4	-	20.6	3	1.1	30	-	-	3.85	-	.73	21	23	17	0	0	0	0	0	0	0	2	0	-	-
	Garvagh Forest	9 9	290	16.4	8.3	12.3	-	20.6	3	2.2	21	-	-	3.44	-	.58	21	19	18	0	0	0	0	0	0	0	2	0	-	-
	Moneydig ¶	21-9	112	16.6	8.6	12.6	-0.5	21.4	3	0.4	30	15.0	-	3.13	84	.58	21	19	16	0	0	0	0	1	1	0	4	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	3.86	-	.70	21	18	15	-	-	-	-	-	-	-	-	-	3.99	-
	Lisnafillan ...	9 9	124	16.7	8.2	12.5	-	21.1	3,10	0.0	21	-	-	3.30	-	.50	21	18	13	0	0	0	0	0	0	0	2	0	4.75	-
	Aldergrove ¶§	21-9	225	16.5	9.5	13.0	+0.3	20.9	3	2.2	21	13.9	13.3	3.29	-	.65	21	17	12	0	0	0	0	1	0	0	2	0	4.37	122
	Greenmount ...	9 9	105	16.7	9.3	13.0	-	20.6	3	1.1	21	14.1	-	3.21	-	.59	21	18	12	0	0	0	0	0	-	0	2	-	-	-
	Black Mountain	21-9	959	14.3	8.5	11.4	-	19.1	3	2.5	21	-	-	4.57	-	1.04	21	20	17	0	0	0	0	0	5	0	-	1	-	-
	Ballypatrick Forest	9 9	500	15.0	8.9	11.9	-	18.9	3	2.8	21,30	-	-	4.37	-	.92	8	22	18	0	0	0	0	0	1	0	1	2	-	-
	Larne	9 9	140	17.0	9.2	13.1	-	21.7	10	3.3	21	-	-	3.50	-	.74	16	23	15	0	0	0	0	0	0	0	-	0	-	-
	Kilroot	9 9	71	16.6	9.4	13.0	-	20.6	3,10	3.3	21	-	-	3.37	-	.76	21	17	14	0	0	0	0	0	3	0	0	0	-	-
Down	Newry Abbey ...	9 9	32	17.2	9.4	13.3	-	20.6	3,4	0.6	21	-	-	2.72	-	.63	15	20	11	0	0	0	0	1	0	0	-	1	-	-
	Hillsborough §	9 9	379	16.2	9.1	12.7	+0.4	20.0	3,10	2.8	21	13.1	-	3.02	99	.64	5	15	12	0	0	0	0	0	0	0	2	0	4.42	122
	Kilkeel	21-9	58	16.3	10.0	13.1	-	21.4	10	4.4	21	-	-	2.74	-	.55	21	15	10	0	0	0	0	0	0	0	0	1	4.73	-
	Tollymore Park	9 9	249	17.1	9.7	13.4	-	21.7	10	3.3	21	-	-	2.35	-	.50	15	15	12	0	0	1	0	0	0	0	1	0	-	-
	Stormont Castle	9 9	185	17.1	9.4	13.3	-	21.7	10	4.4	21	14.1	13.8	3.08	-	.66	5	19	12	0	0	0	0	0	2	0	0	0	4.45	-
	Crossgar ...	9 9	119	16.8	9.2	13.0	-	21.1	10	2.8	21	-	-	2.92	-	.55	21	20	12	0	0	0	0	0	0	0	2	0	-	-
	Creighton's Green	9 9	391	-	-	-	-	-	-	-	-	-	-	3.06	-	.60	5,21	18	13	-	-	-	-	-	-	-	-	-	-	-
	Helen's Bay ...	9 9	140	16.8	9.9	13.3	-	21.1	3	4.4	21	-	-	2.90	-	.62	21	20	12	0	0	0	0	0	0	0	1	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	15.9	10.2	13.1	-	21.2	10	4.0	21	-	-	3.55	-	.91	21	15	12	0	0	0	0	1	0	0	0	3	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.17	-
Armagh	Armagh ¶§	9 9	202	17.4	9.3	13.3	+0.4	22.2	3	3.9	21	14.6	14.8	2.42	83	.44	5	20	15	0	0	0	0	0	3	0	0	1	4.28	119
	Loughgall ...	9 9	92	17.0	8.4	12.7	-	20.6	3	2.8	21	-	-	2.36	-	.42	5	19	12	0	0	0	0	0	2	0	8	2	4.44	-
	Glenanne ...	21-9	438	16.1	9.7	12.9	-	21.0	3	4.4	21	-	-	2.31	-	.42	5	20	13	0	0	0	0	0	4	0	1	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	2.65	76	.45	5	21	10	-	-	-	-	-	-	-	-	-	4.55	123
Tyrone	Lough Bradan ...	9 9	554	15.6	6.2	10.9	-	19.4	3	0.0	21	-	-	6.22	-	1.03	21	23	17	-	-	-	-	-	0	0	3	0	4.08	-
	Baronscourt Forest	9 9	290	16.8	8.9	12.9	-	20.6	2	1.1	21	-	-	3.70	-	.68	13	20	17	0	0	0	0	0	0	0	2	0	-	-
	Carrigans ...	21-9	371	16.2	9.3	12.7	-	20.7	4	1.0	30	-	-	3.74	-	.51	21	21	18	0	0	0	0	0	1	0	1	0	-	-
	Lislap Forest ...	9 9	685	16.3	8.0	12.1	-	20.0	4	1.1	21	13.7	-	3.77	83	.58	13	23	20	0	0	0	0	0	0	0	1	0	-	-
	Knockmany Forest	9 9	239	16.6	8.1	12.3	-	19.4	4,10,23	0.6	21,30	-	-	3.12	-	.55	21	20	16	0	0	0	0	0	0	0	2	0	-	-
	Pomeroy Forest	9 9	540	16.1	8.6	12.3	-	19.4	3,4	3.3	21	13.8	-	3.26	-	.56	21	20	18	0	0	1	0	0	0	0	2	0	-	-
	Cookstown ...	9 9	253	16.2	8.2	12.2	-	20.6	3	2.2	21	13.3	-	3.25	-	.61	21	21	15	-	-	-	-	-	-	0	1	-	-	-
Fermanagh	Roscor	9 9	470	16.1	9.3	12.7	-	19.4	2,4	4.4	21	-	-	4.12	-	.71	13	21	19	-	-	-	-	-	0	0	1	0	-	-
	Lough Navar Forest	9 9	485	15.8	9.2	12.5	-	20.0	4	3.3	21	-	-	4.97	-	.66	13	20	17	0	0	0	0	0	1	0	3	1	-	-
	Ely Lodge ...	21-9	210	16.4	9.9	13.1	-	19.7	4,23	3.8	21	14.0	13.5	3.01	-	.53	21	21	17	0	0	0	0	0	1	0	0	0	4.43	-
	Castle Archdale Forest ¶§	9 9	215	16.1	9.1	12.6	-0.3	19.4	4	1.7	21	13.8	-	4.07	-	.85	21	21	18	0	0	0	0	0	1	0	1	0	4.36	119
	Pubble Forest ...	9 9	290	16.3	8.1	12.2	-	20.0	3,4	0.0	21	-	-	3.55	-	.90	21	22	17	0	0	0	0	0	0	0	4	0	-	-
	CHANNEL ISLES																													
Guernsey	States Airport ...	21-9	340	18.5	13.5	16.0	+0.6	22.6	2	10.0	28	16.6	16.3	1.65	58	.57	14	11	6	0	0	0	0	1	2	0	0	0	6.53	-
Alderney	States Airport ...	9 9	288	17.9	13.4	15.7	-	20.6	2	10.6	21,28	15.7	-	1.62	-	.78	14	10	6	0	0	0	0	0	3	0	-	0	6.82	-
Jersey	Jersey Airport ...	9 9	273	19.2	13.1	16.1	-	24.3	13	9.2	22	-	-	1.27	47	.36	5	11	7	0	0	0	0	0	0	0	0	0	6.34	-
	St. Helier ...	9 9	28	20.1	14.3	17.2	+0.6	24.4	2	10.0	28	-	-	1.09	44	.37	5	10	8	0	-	0	0	0	0	0	-	2	6.44	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6 61	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. § *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																					
0 SCOTLAND, N.																																													
Zetland — Lerwick Observatory H	3	273	1009.9	-	8.4	0.6	10.3	92	6.1	2	3	4	4	13	4	0	3	1	0	0	0	7	6	4	9	0	1	11	14	4	3	1	0	0	8	7	3	4
	9	273	1010.1	0.0	9.6	0.9	10.6	88	5.8	0	6	4	8	7	5	1	2	1	1	0	2	3	6	6	8	0	4	12	13	1	3	2	1	0	12	3	5	3
	15	273	1009.6	-	10.3	1.1	10.9	86	6.5	0	2	4	14	9	1	0	1	0	0	2	3	2	6	8	8	0	2	16	12	0	4	1	1	0	13	4	4	3
	21	273	1009.8	-	8.4	0.4	10.5	93	5.9	2	5	0	9	12	2	0	2	0	0	0	2	6	8	4	8	1	2	10	13	4	5	0	0	0	8	6	5	2
Orkney — Kirkwall ... H	3	36	1010.3	-	9.0	0.6	10.7	92	4.9	4	6	4	5	10	1	0	0	1	0	0	0	5	4	13	6	0	3	8	16	3	1	0	4	0	10	3	7	2
	9	36	1010.4	-	10.6	1.1	11.2	87	6.3	0	3	4	13	10	0	0	0	0	0	0	1	7	2	11	9	0	3	14	12	1	0	0	4	1	12	3	4	5
	15	36	1010.0	-	11.9	1.6	11.5	81	5.9	0	7	1	11	11	0	0	0	0	0	0	1	7	2	9	11	0	2	16	11	1	3	3	2	1	12	2	5	1
	21	36	1010.5	-	9.7	0.7	11.0	90	5.1	0	9	6	2	13	0	0	0	0	1	0	0	3	5	11	10	0	3	10	14	3	2	0	2	3	10	2	7	1
Caithness — Wick ... H	3	121	1010.4	-	9.2	0.8	10.6	90	4.2	3	10	4	4	9	0	0	0	0	0	1	1	4	7	10	7	0	0	14	14	2	0	0	4	3	8	4	7	2
	9	121	1010.5	-0.5	11.0	1.2	11.2	85	6.3	0	4	1	18	7	0	0	0	0	0	0	2	7	5	6	10	0	3	16	11	0	2	1	3	3	11	2	6	2
	15	121	1010.0	-	12.3	1.7	11.6	80	6.3	0	4	1	16	9	0	0	0	0	0	0	0	7	6	7	10	0	3	15	12	0	1	3	0	8	8	2	4	4
	21	121	1010.7	-	10.0	1.0	10.9	88	5.1	0	9	4	7	9	1	0	1	0	0	0	1	3	7	8	10	0	1	11	15	3	1	0	3	3	8	4	4	4
Sutherland — Cape Wrath ... H	3	371	1009.2	-	10.9	1.6	10.6	81	6.0	2	2	6	4	15	1	0	1	0	0	0	0	1	4	3	21	0	6	7	14	3	2	0	3	2	6	9	4	1
	9	371	1009.2	-	11.3	1.8	10.6	80	6.5	0	3	2	11	12	2	0	2	0	0	0	0	2	2	8	16	0	6	6	13	5	0	1	3	1	5	6	4	5
	15	371	1009.2	-	11.6	1.6	11.1	81	6.6	1	0	7	6	15	1	0	1	0	0	0	0	4	5	7	13	1	5	13	9	2	1	2	4	1	4	9	5	2
	21	371	1009.6	-	10.9	1.5	10.7	82	6.2	0	1	9	5	15	0	0	0	0	0	0	0	2	6	2	20	1	4	9	15	1	3	1	3	2	3	10	6	1
Ross & Cromarty — Stornoway H	3	16	1010.3	-	9.4	0.4	11.4	95	4.9	5	6	2	5	12	0	0	0	0	0	0	0	6	10	11	3	0	3	12	7	8	0	0	3	0	8	5	3	3
	9	16	1010.1	-0.7	11.3	0.7	12.3	91	6.5	0	3	4	10	13	0	0	0	0	0	2	0	4	6	10	8	0	5	10	7	8	0	2	0	3	7	3	4	3
	15	16	1010.1	-	12.8	1.5	12.2	82	6.6	0	3	2	15	10	0	0	0	0	0	0	0	3	8	11	8	1	2	17	10	0	3	4	0	3	11	4	3	2
	21	16	1010.7	-	10.0	0.6	11.5	93	4.7	2	9	4	6	9	0	0	0	0	0	0	0	8	11	7	4	0	2	10	11	7	2	0	2	0	7	4	4	4
Inverness — Benbecula H	3	21	1010.2	-	11.1	0.8	12.2	91	5.4	1	6	5	5	13	0	0	0	0	0	1	2	8	3	10	6	0	4	14	11	1	0	1	4	3	11	2	7	1
	9	21	1009.9	-	12.3	1.0	12.6	88	6.6	0	2	3	15	10	0	0	0	0	1	1	2	4	10	8	4	1	1	18	10	0	1	0	2	5	9	5	6	2
	15	21	1010.2	-	13.1	1.4	12.6	83	5.8	0	4	6	12	8	0	0	0	0	1	1	4	8	7	9	0	0	4	15	11	0	4	1	1	2	8	6	6	2
	21	21	1010.7	-	11.5	1.0	12.1	88	5.3	0	7	6	7	10	0	0	0	0	0	1	3	11	7	8	0	0	3	15	11	1	3	1	2	3	9	6	3	2
1 SCOTLAND, E.																																													
Moray — Kinloss ... H	3	19	1011.3	-	9.8	0.9	10.9	89	5.0	1	7	5	9	8	0	0	0	1	0	0	0	5	3	7	14	0	2	10	16	2	0	0	2	1	5	12	7	1
	9	19	1011.2	-	12.0	1.4	11.8	84	6.5	0	2	3	19	6	0	0	0	0	0	0	1	3	2	6	18	0	1	11	16	2	3	1	3	2	4	6	9	0
	15	19	1010.4	-	14.6	2.5	12.3	74	6.6	0	0	4	19	7	0	0	0	0	0	0	1	2	6	5	16	0	3	13	14	0	3	3	3	1	5	6	6	3
	21	19	1011.5	-	11.0	1.1	11.4	86	5.5	0	8	4	8	10	0	0	0	0	1	0	1	4	4	8	12	0	1	12	12	5	2	0	4	0	3	9	6	1
Aberdeen — Dyce ... H	3	193	1011.9	-	9.1	0.9	10.4	89	4.7	4	6	5	4	9	2	0	2	0	0	1	3	5	3	8	8	0	0	9	13	8	1	0	1	1	7	5	5	2
	9	193	1012.0	-0.3	11.9	1.6	11.4	81	5.9	0	2	7	16	5	0	0	0	0	0	0	7	3	3	3	14	0	0	16	11	3	0	0	0	2	10	5	5	5
	15	193	1011.1	-	13.9	2.4	11.8	73	5.8	0	3	7	13	7	0	0	0	0	0	1	2	5	5	5	12	0	2	20	7	1	1	0	1	2	13	4	3	5
	21	193	1012.1	-	10.3	1.0	11.1	87	5.5	0	4	8	9	8	1	0	1	0	0	1	5	5	7	6	5	0	0	6	18	6	0	0	1	0	9	3	5	6
Rattray Head ...	3	108	1011.7	-	9.7	0.9	10.7	89	5.1	2	3	8	9	6	2	0	1	1	0	0	0	6	21	1	0	0	4	13	13	0	1	0	3	1	16	3	5	1
	9	108	1011.7	-	11.6	1.3	11.8	85	5.4	0	3	10	12	3	2	0	0	2	0	0	1	5	11	11	0	1	1	24	5	0	0	0	2	1	16	0	8	3
	15	108	1011.2	-	12.5	1.5	12.1	83	5.6	0	4	8	12	4	2	0	1	1	0	0	2	4	8	14	0	0	1	24	5	0	3	2	2	2	14	0	5	2
	21	108	1011.7	-	10.5	0.9	11.3	88	5.2	0	3	12	10	3	2	0	0	1	1	0	0	4	24	0	0	0	2	14	13	1	2	0	3	0	15	2	6	1
Fife — Leuchars ... H	3	38	1012.3	-	9.8	0.8	11.1	90	4.0	7	5	6	3	8	1	0	1	0	2	1	0	6	7	9	4	0	0	6	14	0	2	1	0	2	0	6	7	2
	9	38	1012.5	-0.3	12.5	1.5	12.2	83	5.4	0	7	4	11	8	0	0	0	0	0	1	2	4	6	7	10	0	1	13	12	4	1	0	2	1	4	7	10	1
	15	38	1011.5	-	14.9	2.5	12.6	73	5.7	0	5	5	14	6	0	0	0	0	0	1	2	6	3	5	13	0	2	14	13	1	0	0	5	2	3	8	9	2
	21	38	1012.3	-	10.8	1.0	11.5	88	4.6	2	8	5	8	5	2	0	1	1	0	0	0	8	5	6	9	0	0	7	17	6	1	3	1	1	0	7	10	1
Midlothian — Turnhouse H	3	144	1013.2	-	9.6	0.8	10.9	90	4.1	6	6	5	6	5	2	0	2	0	0	1	2	4	10	9	2	0	0	9	9	12	0	0	0	0	4	11	3	0
	9	144	1013.3	-	12.6	1.6	12.1	82	5.3	0	6	8	12	4	0	0	0	0	2	1	2	3	10	9	3	0	0	17	10	3	1	2	3	2	3	12	4	0
	15	144	1012.2	-	15.2	2.9	12.2	70	5.4	0	5	9	10	6	0	0	0	0	0	0	4	2	7	9	8	0	5	10	14	1	0	6	0	0	4	10	7	2
	21	144	1013.1	-	11.2	1.1	11.6	86	4.0	2	12	3	8	4	1	0	1	1	0	0	1	9	10	6	2	0	0	9	11	10	0	0	1	1	4	11	2	1
6a SCOTLAND, W.																																													
Argyll — Tiree ... H	3	34	1011.1	-	11.8	0.9	12.5	89	4.9	2	7	6	4	11	0	0	0	0	0	2	3	5	9	7	4	0	5	16	6	3	1	0	0	0	6	8	3	4
	9	34	1011.1	-1.0	12.8	1.1	12.9	87	6.0	0	4	3	14	9	0	0	0	0	0	2	2	8	6	7	5	0	4	19	6	1	0	0	0	0	7	8	5	5
	15	34	1011.1	-	13.6	1.6	12.9	82	6.1	0	4	3	13	10	0	0	0	0	0	0	1	8	8	6	7	0	4	20	6	0	1	0	0	4	10	4	5	6
	21	34	1011.5	-	11.9	1.0	12.4	88	5.0	2	5	7	7	9	0	0	0	0	0	0	2	8	6	9	5	0	7	12	8	3	5	0	0	5	8	4	4	1
Rhuvaal ... H	3	63	-	-	12.4	1.3	12.2	84	4.7	0	8	9	9	4	0	0	0	0	0	0	1	2	3	13	11	0	3	13	14	0	3	0	0	0	1	13	2	8	3
	9	63	-	-	13.0	1.5	12.6	83	6.0	0	1	10	11	8	0	0	0	0	0	0	0	6	4	9	11	0	1	14	15	0	0	0	0	0	2	14	3	3	8
	15	63	-	-	14.0	2.0	12.6	79	6.0	0	1	9	13	7	0	0	0	0	0	0	0	7	3	7	13	0	2	14	14	0	1	0	0	0	4	8	5	7
	21	63	-	-	12.4	1.2	12.4	86	5.0	0	6	10	5	9	0	0	0	0	0	0	0	4	4	8	14	1	2	11	16	0	4	0	0	0	2	8	6	6	4
Renfrew — Renfrew ... H	3	29	1012.9	-	10.7	0.8	11.8	91	4.7	5	4	6	7	8	0	0	0	0	0	0	2	5	15	5	3	0	0	8	12	10	0	3	0	0	6	4	7	0
	9	29	1013.2	-0.2	12.3	1.3	12.2	85	5.8	1	2	10	9	8	0	0	0	0	0	6	1	8	10	2	3	0	1	8	16	5	0	3	1	3	5	5	8	0
	15	29	1012.7	-	15.2	2.7	12.5	72	5.9	0	4	5	13	8	0	0	0	0	0	0	2	12	6	6	4	0	0	17	11	2	1	0	2	1	8	7	5	4
	21	29	1012.9	-	12.5	1.2	12.6	86	4.8	4	3	8	7	8	0	0	0	0	0	0	3	11	12	4	0	0	1	7	15	7	0	0	3	1	3	8	8	0
Lanark — Lowther Hill H	3	-	-	-	7.4	0.4	9.9	95	6.3	0	3	7	1	0	19	5	13	1	0	0	0	2	4	2	3	2	5	16	6	1	1	0	4	1	5	6	8	4
	9	-	-	-	8.3	0.7	10.1	92	6.7	0	2	4	6	2	16	7	6	2	1	1	0	3	4	4	2	2	12	9	6	1	1	1	0	5	4	6	8	5
	15	-	-	-	9.7	0.9	10.8	89	6.9	0	1	4	8	6	11	4	3	4	0	1	0	2	3	6	7	3	10	14	3	0	0	0	0	2	5	8	8	7
	21	-	-	-	7.7	0.4	10.0	95	6.8	0	3	4	0	1	22	6	10	6	1	0	0	0	3	1	3	1	15	8	6	0	2	0	0	3	6	6	5	8
Ayr — Prestwick Airport H	3	69	1013.1	-	10.7	0.8	11.8	90	5.2	2	5	6	7	10	0	0	0	0	0	1	0	6	8	14	1	0	0	12	12	6	0	1	2	3	8	5	3	2
	9	69	1013.1	-	12.9	1.4	12.5	83	6.1	0	2	4	20	4	0	0	0	0	0	0	2	4	9	13	2	0	0	12	16	2	0	1	4	3	6	6	7	1
	15	69	1012.5	-	14.9	2.3	12.8	76	5.9	0	2	9	13	6	0	0	0	0	0	0	2	3	6	10	9	0	0	17	13	0	0	0	1	2	6	8	12	1
	21	69	1012.9	-	12.1	1.1	12.3	87	5.3	2	5	4	12	7	0	0	0	0	0	0	2	4	8	15	1	0	1	9	18	2	0	1	6	1	9	5	4	2
Dumfries — Eskdalemuir Observatory H	3	778	1014.5	-	8.8	0.5	10.8	93	4.3	8	5	3	2	12	0	0	0	1	0	2	3	11	3	8	2	0	0	4	20	6	4	0	0	0	5	9	4	2
	9	778	1014.3	+0.5	11.6	1.1	12.0	87	6.1	1	2	3	16	8	0	0	0	0	0	2	1	5	8	12	2	0	1	3	22	4	1	1	1	2	5	9	6	1
	15	778	1013.2	-	14.2	2.3	12.2	76	6.5	0	2	4	14	10	0	0	0	0	0	0	2	3	7	13	5	0	2	6	21	1	0	0	1	2	7	10	8	1
	21	778	1014.3	-	10.1	0.7	11.4	91	5.3	4	5	2	8	11	0	0	0	0	0	0	0	10	8	9	3	0	0	5	17	10	1	0	0	0	8	6	3	2
Wigtown — Mull of Galloway H	3	260	1014.4	-	12.0	0.7	12.8	91	3.8	6	6	6	6	5	1	0	1	0	0	0	0	6	2	18	3	2	8	12	8	0	5	0	0	5	0	9	9	2
	9	260	1014.2	-	12.9	0.9	13.3	89	6.1	0	2	8	12	8	0	0	0	0	0	0	0	6	6	14	4	1	7	14	7	1	2	0	2	4	3	9	5	4
	15	260	1014.0	-	14.4	1.7	13.3	81	5.9	0	2	7	17	4	0	0	0	0	0	0	0	4	5	16	5	0	7	17	6	0	5	0	0	5	1	10	5	4
	21	260	1013.9	-	12.8	1.1	13.0	87	4.4	2	8	9	6	5	0	0	0	0	0	0	0	4	10	13	3	1	5	16	7	1	5	0	1	2	2	10	3	6
6b ISLE OF MAN																																													
Isle of Man — Ronaldsway H	3	68	1014.5	-	12.1	1.0	12.5	88	3.5	6	8	7	3	6	0	0	0	0	1	0	1	5	4	8	11	0	5	17	8	0	4	2	1	3	1	10	8	1
	9	68	1014.8	-	13.7	1.5	13.1	83	5.9	1	3	4	17	5	0	0	0	0	0	0	2	4	7	12	5	0	8	12	7	3	0	1	3	2	5	5	10	1
	15	68	1014.3	-	15.3	2.1	13.5	77	5.3	0	7	5	13	5	0	0	0	0	0	0	2	5	7	3	13	0	3	23	4	0	1	0	4	4	3	10	5	3
	21	68	1014.6	-	13.3	1.3	13.1	85	4.8	1	8	6	10	5	0	0	0	0	0	0	1	6	6	6	11	1	6	10	11	2	4	2	3	0	4	8	5	2
Point of Ayre H	3	30	1014.2	-	12.2	1.1	12.4	87	3.8	6	6	7	7	4	0	0	0	0	0	0	4	3	7	19	1	0	2	18	10	0	2	0	0	5	8	4	8	3
	9	30	1014.2	-	13.9	1.5	12.2	84	5.8	1	0	9	17	3	0	0	0	0	0	0	1	3	4	19	3	0	2	19	7	2	0	1	0	4	6	9	7	1
	15	30	1013.7	-	15.9	2.4	13.7	76	5.2	3	1	9	13	4	0	0	0	0	0	0	0	5	8	14	3	0	3	17	10	0	0	0	2	5	4	6	11	2
	21	30	1013.8	-	13.5	1.4	13.1	85	4.5	2	4	12	9	3	0	0	0	0	0	0	0	3	6	19	2	0	4	13	12	1	1	0	0	5	6	6	8	3
2 ENGLAND, N.E.																																													
Northumberland — Acklington H	3	151	1014.0	-	10.2	0.6	11.7	93	4.2	4	8	5	7	4	2	0	2	0	1	0	2	4	5	7	9	0	0	10	15	5	0	1	0	0	8	8	7	1
	9	151	1014.1	-	12.9	1.3	12.7	84	5.5	0	4	8	15	2	1	0	1	0	0	1	3	3	8	9	5	0	0	17	10	3	2	0	2	2	8	5	7	1
	15	151	1013.1	-	15.4	2.4	13.3	75	5.4	0	4	10	10	5	1	0	0	0	1	0	0	4	5	10	10	0	3	17	10	0	1	1	6	4	2	7	9	0
	21	151	1013.9	-	11.0	0.7	12.1	91	4.9	1	5	10	8	4	2	0	2	0	0	1	5	2	7	8	5	0	0	8	21	1	0	0	0	3	10	8	6	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
2 ENGLAND, N.E. —cont.																																													
Tynemouth H	3	130	1014.6	-	11.5	1.2	11.6	84	4.0	4	8	5	9	2	2	2	0	0	0	0	0	3	12	13	0	0	0	14	13	3	0	0	1	0	10	3	12	1
	9	130	1014.8	+0.7	12.8	1.8	11.8	79	5.8	0	2	10	11	5	2	1	1	0	0	2	2	8	13	3	0	0	1	16	9	4	1	0	1	0	9	2	10	3
	15	130	-	-	-	-	-	-	5.5	0	3	8	14	3	2	0	1	1	1	0	0	6	11	8	2	0	2	16	10	2	0	0	6	4	5	3	10	0
	21	130	1014.3	-	13.0	1.8	12.0	79	4.6	4	4	9	7	4	2	1	1	0	0	2	1	5	18	2	0	0	1	14	12	3	0	0	0	2	10	4	9	2
Durham — Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding — Dishforth ... H	3	131	1015.6	-	10.1	0.8	11.3	90	3.9	4	10	4	6	5	1	0	2	0	0	1	0	11	6	3	7	0	0	7	18	5	3	0	0	2	7	6	5	2
	9	131	1015.9	-	13.3	1.6	12.6	82	5.7	1	3	5	17	3	1	0	1	0	0	1	4	6	8	5	5	0	0	14	15	1	4	1	1	3	8	4	6	2
	15	131	1014.5	-	17.4	3.8	12.7	64	5.2	0	6	8	14	2	0	0	0	0	0	0	0	5	12	3	10	0	0	18	12	0	2	0	0	3	5	6	11	3
	21	131	1015.5	-	12.4	1.4	12.2	84	3.1	5	11	7	5	2	0	0	0	0	0	1	3	6	10	6	4	0	0	11	17	2	3	0	1	2	8	5	7	2
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1015.4	-	13.0	1.8	12.0	80	5.7	0	5	4	15	3	3	1	0	1	1	0	0	5	14	8	0	0	3	15	11	1	1	0	1	3	9	7	5	3
	15	210	1014.2	-	15.9	3.2	12.1	68	5.0	1	6	8	10	3	2	0	2	0	0	0	0	3	14	11	0	0	5	16	8	1	2	3	2	3	8	3	8	0
	21	210	1014.8	-	12.5	1.9	11.4	78	3.4	7	6	9	4	3	1	1	0	0	0	0	1	5	21	2	0	0	2	13	15	0	0	0	1	4	12	7	5	1
Yorks., E. Riding — Leconfield H	3	26	1016.2	-	10.4	0.9	11.3	89	2.8	7	12	5	1	3	2	0	2	2	0	1	3	6	11	3	2	0	0	5	21	4	2	0	1	1	4	8	8	2
	9	26	1016.5	-	13.7	1.9	12.5	79	5.5	1	5	4	13	6	1	0	1	1	1	0	1	8	9	4	5	0	0	16	13	1	1	2	1	3	6	7	7	2
	15	28	1015.2	-	17.8	4.3	12.1	59	5.2	1	4	8	15	2	0	0	0	0	0	0	0	5	10	7	8	0	0	22	7	1	0	1	4	1	7	4	11	1
	21	28	1016.1	-	12.2	1.6	11.8	81	3.3	6	10	5	6	2	1	0	1	0	0	0	2	7	12	7	1	0	0	8	18	4	1	2	1	3	2	9	7	1
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln — Waddington H	3	227	1017.0	-	10.5	1.0	11.3	88	3.3	12	5	2	6	4	1	0	2	0	1	1	2	7	10	7	0	0	0	6	22	2	1	3	2	1	5	9	6	1
	9	227	1017.1	-	13.6	1.8	12.5	80	4.8	3	4	7	14	1	1	0	1	0	1	0	1	11	10	5	1	0	0	16	14	0	2	0	3	1	7	7	8	2
	15	227	1015.7	-	18.5	4.9	11.9	56	5.5	1	3	7	15	4	0	0	0	0	0	0	0	3	11	13	3	0	1	17	12	0	2	0	4	1	5	5	12	1
	21	227	1016.8	-	12.7	1.8	11.7	79	3.0	7	10	5	4	4	0	0	0	0	0	0	2	7	14	7	0	0	0	10	20	0	2	1	4	2	5	9	6	1
Binbrook ... H	3	356	1016.5	-	10.4	0.9	11.3	89	3.6	8	5	7	6	4	0	0	2	0	0	1	2	12	7	6	0	0	0	12	16	2	1	1	0	2	8	10	5	1
	9	356	1016.7	-	13.5	1.8	12.4	79	5.2	2	4	4	17	2	1	0	1	0	0	1	0	14	10	3	1	0	0	20	9	1	1	1	2	2	9	5	7	2
	15	356	1015.4	-	17.3	4.3	11.7	60	5.9	1	1	7	16	5	0	0	0	0	0	0	0	6	16	8	0	0	0	25	5	0	0	0	5	1	6	4	11	3
	21	356	1016.5	-	12.5	1.7	11.7	80	4.0	5	7	6	8	4	0	0	0	0	0	1	2	9	16	2	0	0	0	10	17	3	1	0	3	2	4	10	6	1
Manby ... H	3	47	1016.7	-	10.6	0.7	11.8	91	4.1	8	5	1	9	4	3	0	3	0	0	0	3	12	12	0	0	0	0	3	21	6	1	1	1	0	7	4	9	1
	9	47	1017.0	-	14.3	1.8	13.1	80	5.2	2	5	4	14	2	3	0	3	0	0	0	1	7	12	4	3	0	0	16	13	1	2	0	2	3	8	3	8	3
	15	47	1015.7	-	18.1	4.1	12.9	62	5.7	1	2	6	18	3	0	0	0	0	0	0	0	3	19	7	1	0	0	19	11	0	1	1	4	3	7	3	10	1
	21	47	1016.7	-	12.1	1.2	12.3	86	3.0	8	8	5	6	3	0	0	0	1	0	1	5	9	11	3	0	0	0	7	18	5	0	0	0	5	4	5	8	3
3 ENGLAND, E.																																													
Norfolk — Marham H	3	89	1017.3	-	10.3	0.6	11.7	92	2.4	14	5	5	3	3	0	0	0	0	1	1	5	16	7	0	0	0	0	7	21	2	2	0	4	3	9	6	2	2
	9	89	1017.8	-	14.9	1.9	13.5	79	4.7	4	5	4	15	2	0	0	0	0	0	1	1	14	8	6	0	0	0	21	9	0	1	1	3	4	9	5	5	2
	15	89	1018.3	-	19.0	4.5	13.1	59	5.0	2	2	11	14	1	0	0	0	0	0	0	0	3	14	13	0	0	4	15	11	0	2	1	4	2	6	4	9	2
	21	89	1017.3	-	12.8	1.4	12.5	84	3.0	11	5	6	6	2	0	0	0	0	0	0	0	19	10	1	0	0	0	7	23	0	0	3	4	2	7	7	6	1
West Raynham H	3	263	1017.2	-	10.1	0.7	11.3	91	2.5	10	9	6	3	2	0	0	0	0	2	3	0	11	12	2	0	0	0	11	18	1	0	2	4	1	5	9	6	2
	9	263	1017.4	-	14.6	2.2	12.7	76	4.5	4	4	9	11	2	0	0	0	0	0	0	0	7	15	5	3	0	0	22	8	0	0	2	3	4	5	6	9	1
	15	263	1016.0	-	18.2	4.9	11.6	56	4.7	1	5	12	12	0	0	0	0	0	0	0	0	1	11	13	5	0	0	21	9	0	2	2	3	2	5	5	9	2
	21	263	1017.0	-	12.1	1.5	11.8	82	3.0	9	7	6	3	5	0	0	0	0	1	0	10	15	3	1	0	1	8	21	0	0	1	5	3	4	8	8	1
Coltishall ... H	3	57	1017.1	-	10.5	0.9	11.5	90	2.8	9	9	4	6	2	0	0	0	1	0	3	9	17	0	0	0	0	3	20	7	1	0	3	2	6	9	2	0
	9	57	1017.5	-	15.4	2.5	13.0	74	4.5	4	1	12	13	0	0	0	0	0	0	0	0	12	10	7	1	0	0	17	13	0	2	1	3	3	6	8	5	2
	15	57	1016.2	-	18.5	4.6	12.5	58	4.7	2	4	10	12	2	0	0	0	0	0	0	2	15	9	4	0	0	0	19	11	0	0	2	4	4	4	7	6	3
	21	57	1016.9	-	12.7	1.6	12.2	82	3.2	9	6	6	6	3	0	0	1	0	0	0	3	7	16	3	0	0	1	2	24	3	0	4	3	1	7	6	6	0
Gorleston H	3	26	1017.5	-	13.1	1.3	13.1	86	2.8	15	3	3	6	3	0	0	0	0	0	0	1	10	19	0	0	0	0	6	24	0	2	1	3	2	6	9	6	1
	9	26	1018.0	+2.1	14.8	1.7	13.9	82	4.5	4	3	9	14	0	0	0	0	0	0	0	0	15	15	0	0	0	1	16	13	0	2	2	3	3	4	5	10	1
	15	26	1017.0	-	17.1	3.0	13.9	71	4.9	3	3	7	16	1	0	0	0	0	0	0	0	12	18	0	0	0	2	18	10	0	1	1	3	8	4	1	9	3
	21	26	1017.2	-	14.8	1.9	13.6	80	2.0	15	4	7	2	2	0	0	0	0	0	0	0	8	22	0	0	0	0	11	19	0	1	2	3	3	6	10	5	0
Suffolk — Mildenhall H	3	39	1017.4	-	9.9	0.7	11.3	91	2.2	16	4	4	2	4	0	0	0	1	0	3	3	15	8	0	0	0	0	0	28	2	0	2	2	3	5	10	4	2
	9	39	1017.8	-	15.1	2.3	13.1	75	4.6	4	7	4	12	3	0	0	0	0	0	0	2	8	11	9	0	0	0	5	23	2	2	0	4	2	5	3	9	3
	15	39	1016.3	-	19.8	5.6	11.9	52	4.8	1	6	9	11	3	0	0	0	0	0	0	0	2	14	13	1	0	0	10	18	2	0	1	4	2	3	5	10	3
	21	39	1017.3	-	13.4	2.0	12.0	77	3.0	10	7	4	6	3	0	0	0	0	0	0	0	9	15	6	0	0	0	1	29	0	0	3	4	2	3	11	4	3
Wattisham H	3	299	1017.8	-	10.6	0.5	12.1	94	1.9	14	8	3	1	4	0	0	0	0	0	0	3	18	9	0	0	0	0	4	26	0	1	3	3	3	3	10	4	3
	9	299	1018.0	-	14.9	2.1	13.2	78	4.7	3	4	6	15	2	0	0	0	0	0	0	0	14	10	6	0	0	0	17	12	1	1	4	1	4	4	5	8	2
	15	299	1016.6	-	18.2	4.4	12.4	59	4.6	1	7	8	14	0	0	0	0	0	0	0	0	4	11	11	4	0	0	21	8	1	1	2	4	3	5	3	10	1
	21	299	1017.7	-	13.0	1.5	12.7	83	3.1	9	7	7	2	5	0	0	0	0	0	0	1	13	12	4	0	0	0	5	25	0	0	6	2	0	7	7	4	4
Aldeburgh H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	1018.6	-	15.5	2.3	13.5	76	4.7	5	2	7	9	7	0	0	0	0	0	0	0	12	18	0	0	0	0	16	14	0	2	1	2	4	5	6	6	4
	15	35	1017.6	-	17.5	3.4	13.6	67	4.5	5	2	10	7	6	0	0	0	0	0	0	0	9	20	1	0	0	0	16	14	0	0	3	4	2	9	2	6	4
	21	35	1017.9	-	15.0	2.1	13.5	78	2.5	16	2	6	1	5	0	0	0	0	0	0	1	12	17	0	0	0	0	8	22	0	2	1	3	2	5	8	8	1
Huntingdon — Wyton ... H	3	141	1017.5	-	10.5	0.9	11.4	89	2.5	14	4	4	5	3	0	0	0	0	0	2	4	15	9	0	0	0	0	7	23	0	3	2	1	3	3	9	7	3
	9	141	1017.8	-	14.3	2.0	12.8	78	4.7	3	5	8	11	3	0	0	0	0	0	2	3	9	12	3	1	0	0	15	13	2	1	1	3	2	6	8	5	2
	15	141	1016.3	-	19.5	5.3	12.1	53	5.0	1	4	9	16	0	0	0	0	0	0	0	0	6	9	12	3	0	1	20	8	1	0	2	4	2	3	8	7	3
	21	141	1017.4	-	13.6	2.2	11.9	75	2.4	11	10	2	4	3	0	0	0	0	0	0	1	12	16	1	0	0	0	6	22	2	0	1	6	0	3	10	5	3
Bedford — Cardington H	3	96	1017.7	-	9.3	0.5	11.0	93	2.8	10	7	5	5	3	0	0	0	0	2	2	3	11	12	0	0	0	0	4	22	4	0	2	2	1	6	13	2	0
	9	96	1017.9	-	14.5	2.1	12.9	78	4.7	2	6	8	11	3	0	0	0	1	0	0	4	11	9	5	0	0	0	12	13	5	0	3	2	3	4	7	6	0
	15	96	1016.5	-	20.0	5.6	12.1	52	4.8	0	5	11	13	1	0	0	0	0	0	0	0	2	17	10	1	0	2	16	10	2	1	1	2	3	4	8	9	0
	21	96	1017.6	-	13.0	1.7	12.0	80	3.2	10	6	3	8	3	0	0	0	0	0	0	0	11	16	3	0	0	0	5	24	1	0	2	6	0	3	12	4	2
Hertford — Bovingdon H	3	517	1018.2	-	10.4	0.7	11.6	92	2.9	9	10	2	4	5	0	0	0	1	0	0	3	14	8	4	0	0	0	0	26	4	1	2	2	2	7	4	7	1
	9	517	1018.3	-	14.1	2.1	12.5	77	4.9	2	5	7	12	4	0	0	0	1	1	0	3	9	7	9	0	0	0	9	18	3	3	2	3	3	4	5	6	1
	15	517	1016.9	-	18.8	5.3	11.4	53	4.7	1	6	8	14	1	0	0	0	0	0	0	0	1	13	11	5	0	0	11	18	1	1	1	3	3	3	7	9	2
	21	517	1018.2	-	12.8	1.7	12.0	81	3.2	7	10	2	9	2	0	0	0	0	0	0	0	8	16	5	1	0	0	3	23	4	1	1	4	1	5	7	5	2
Essex — Stansted H	3	334	1017.9	-	10.5	0.7	11.6	91	3.0	13	4	3	6	4	0	0	0	0	0	0	3	17	8	2	0	0	0	2	24	4	1	2	3	3	3	6	7	1
	9	334	1018.2	-	14.7	2.3	12.7	76	4.6	3	7	4	15	1	0	0	0	0	0	0	1	10	7	8	4	0	0	14	13	3	2	0	4	4	3	6	6	2
	15	334	1016.7	-	19.0	5.4	11.4	52	4.2	0	9	9	11	1	0	0	0	0	0	0	0	0	5	13	12	0	0	19	11	0	0	0	8	2	2	8	9	1
	21	334	1017.8	-	13.4	2.1	11.9	76	2.9	8	10	5	4	3	0	0	0	0	0	0	0	10	12	7	1	0	0	5	21	4	0	1	5	1	1	11	5	2
Shoeburyness H	9	17	1018.3	+1.5	15.7	2.0	14.2	79	4.8	4	3	6	15	2	0	0	0	0	1	6	11	10	2	0	0	1	11	18	0	3	2	5	3	4	2	9	2
	15	17	1017.0	-	18.8	3.8	14.2	65	4.0	3	7	8	12	0	0	0	0	0	0	3	9	8	9	1	0	1	18	11	0	0	1	10	1	0	7	10	1
	21	17	1017.8	-	14.8	1.6	14.1	83	2.4	10	8	7	4	1	0	0	0	0	0	1	2	9	13	5	0	0	0	7	23	0	1	2	6	1	5	8	6	1
Walton-on-Naze ... H	3	21	1017.7	-	13.2	1.3	13.1	86	1.9	16	6	3	3	2	0	0	2	0	0	0	1	17	9	1	0	0	1	8	20	1	1	1	1	4	3	5	8	6
	9	21	1018.3	-	15.5	2.2	13.6	76	4.4	5	4	7	12	2	0	0	0	0	0	0	3	19	8	0	0	0	1	19	8	2	0	2	2	5	2	6	6	5
	15	21	1017.1	-	17.9	3.5	13.7	66	3.6	6	5	8	11	0	0	0	0	0	0	0	2	17	11	0	0	0	0	19	10	1	0	1	6	3	4	4	7	4
	21	21	1017.7	-	15.1	2.1	13.6	77	2.0	15	6	3	4	2	0	0	0	0	0	0	1	15	11	3	0	0	0	13	16	1	0	3	4	2	0	9	9	2
4 MIDLAND COUNTIES																																													
Yorks, W.R. — Huddersfield Oakes H	3	769	1015.8	-	9.5	1.0	10.4	86	4.2	5	7	7	1	10	0	0	0	1	2	1	5	10	4	7	0	0	0	9	19	2	1	2	2	2	6	2	10	3
	9	769	1015.8	-	12.9	1.6	12.1	81	5.3	1	5	6	13	5	0	0	0	1	2	1	6	12	3	3	2	0	0	9	20	1	1	1	5	0	5	6	10	1
	15	769	1014.6	-	15.8	3.3	12.0	67	5.7	0	4	7	11	8	0	0	0	0	0	0	2	11	4	9	4	0	2	11	15	2	0	1	2	2	5	8	9	1
	21	769	1015.8	-	11.4	1.2	11.5	85	3.3	6	7	10	1	6	0	0	0	0	1	1	3	9	6	10	0	0	0	13	8	9	0	0	2	0	5	3	10	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1016.9	-	9.9	0.5	11.5	93	3.4	8	6	5	6	5	0	0	0	0	1	7	2	15	5	0	0	0	0	1	25	4	1	1	2	0	0	6	13	3
	9	390	1017.0	-	13.3	1.5	12.8	83	5.0	2	5	5	12	6	0	0	0	0	2	3	5	7	12	1	0	0	0	6	22	2	0	1	3	2	3	7	11	1
	15	390	1015.6	-	18.1	4.3	12.6	61	5.4	0	5	7	14	4	0	0	0	0	0	0	2	4	9	14	1	0	0	12	17	1	0	0	2	3	3	5	12	4
	21	390	1016.8	-	12.2	1.3	12.1	84	3.1	9	7	5	5	4	0	0	0	0	1	4	2	13	9	1	0	0	0	5	19	6	0	0	3	2	2	3	12	2
Nottingham Finningley H	3	46	1016.4	-	10.1	0.8	11.2	90	2.2	14	5	6	3	2	0	0	1	1	1	3	5	8	6	5	0	0	0	6	16	8	1	1	0	2	6	6	4	2
	9	46	1016.6	-	14.2	2.1	12.5	77	5.2	2	5	6	13	2	2	0	3	0	0	0	0	13	9	5	0	0	1	18	10	1	4	0	2	2	5	6	8	2
	15	46	1015.3	-	18.5	4.7	12.1	57	5.3	1	5	5	16	3	0	0	0	0	0	0	0	4	17	8	1	0	4	19	5	2	0	0	3	0	6	6	11	2
	21	46	1016.2	-	12.0	0.9	11.9	78	3.2	4	14	3	6	3	0	0	0	0	0	1	4	10	12	3	0	0	0	14	14	2	0	0	4	2	5	7	8	2
Northampton Wittering H	3	219	1017.3	-	10.2	0.7	11.4	91	2.6	9	9	5	4	3	0	0	1	0	0	0	6	8	12	3	0	0	0	4	25	1	3	1	3	1	7	6	7	1
	9	219	1017.5	-	14.1	2.0	12.6	77	4.5	1	9	6	11	3	0	0	0	0	1	2	0	7	8	9	3	0	0	15	15	0	1	3	1	4	6	6	7	2
	15	219	1016.0	-	19.2	5.4	11.5	52	5.1	0	6	9	11	4	0	0	0	0	0	0	0	1	9	16	4	0	2	19	9	0	0	1	4	3	5	7	7	3
	21	219	1017.2	-	12.7	1.9	11.5	77	3.0	4	14	5	5	2	0	0	0	0	0	0	2	7	16	4	1	0	0	7	23	0	3	0	5	1	2	11	6	2
Warwick Edgbaston H	9	542	1017.5	-	13.1	1.8	11.9	78	4.3	3	8	6	10	3	0	0	0	1	1	2	1	9	11	5	0	0	0	5	25	0	1	2	3	2	7	6	8	1
	15	542	1016.1	-	18.1	5.0	11.2	54	5.1	2	4	6	15	3	0	0	0	0	0	0	1	2	6	14	7	0	0	15	15	0	1	2	2	3	3	8	8	3
	21	542	1017.3	-	13.8	2.3	11.8	74	3.1	7	8	6	7	2	0	0	0	0	0	0	3	8	10	9	0	0	0	3	26	1	1	1	3	2	4	11	6	1
Warwick Elmdon ... H	3	362	1017.3	-	9.7	0.7	11.1	91	3.5	8	5	7	5	4	1	0	1	0	2	1	2	4	10	10	0	0	0	3	20	7	0	0	0	3	6	9	2	3
	9	362	1017.3	-	13.5	1.9	12.2	78	5.1	1	6	9	9	2	3	1	2	0	1	0	1	8	14	3	0	0	0	13	15	2	3	0	2	2	8	6	5	2
	15	362	1016.0	-	18.6	5.3	11.3	52	5.5	0	3	8	16	3	0	0	0	0	0	1	2	2	8	16	1	0	1	19	10	0	2	1	3	2	3	8	8	3
	21	362	1017.1	-	13.1	2.2	11.5	76	3.7	4	8	8	7	3	0	0	0	0	0	1	3	11	15	0	0	0	0	5	21	4	1	0	2	3	5	8	5	2
Shropshire Shawbury H	3	249	1016.9	-	9.8	0.7	11.3	92	4.4	5	3	9	7	5	1	0	3	0	1	2	1	4	6	11	2	0	0	5	18	7	1	0	3	3	5	2	8	1
	9	249	1016.9	-	13.2	1.5	12.5	82	5.4	0	4	9	13	4	0	0	0	0	0	2	3	6	8	4	7	0	0	10	18	2	1	0	5	4	4	7	7	0
	15	249	1015.7	-	17.9	4.0	12.8	63	5.7	1	3	5	18	3	0	0	0	0	0	0	0	5	3	11	11	0	1	21	7	1	3	0	2	5	3	4	10	2
	21	249	1016.7	-	12.5	1.4	12.3	85	4.3	3	6	8	10	3	0	0	0	0	0	0	3	4	6	9	8	0	0	5	22	3	2	0	3	2	7	6	7	0
Worcester Pershore ... H	3	117	1017.6	-	10.3	0.7	11.5	90	3.0	11	6	4	3	6	0	0	1	0	1	1	1	7	11	7	1	0	0	6	13	11	1	1	2	1	0	11	3	0
	9	117	1017.7	-	13.8	2.0	12.4	79	4.8	2	7	4	14	1	2	0	2	0	2	1	1	4	7	9	4	0	1	13	10	6	0	0	3	2	5	7	5	2
	15	117	1016.4	-	19.6	5.5	11.9	52	5.3	0	3	11	16	0	0	0	0	0	0	1	2	1	7	9	10	0	1	23	6	0	3	0	4	1	3	8	9	2
	21	117	1017.5	-	13.8	2.2	12.0	76	3.9	9	3	5	8	5	0	0	0	0	0	1	2	5	7	9	6	0	0	8	16	6	0	0	2	3	3	10	5	1
Hereford Ross-on-Wye H	9	226	1017.3	+1.0	13.5	1.8	12.5	81	4.2	4	8	6	7	4	1	0	0	2	0	0	4	7	4	11	2	0	0	5	22	3	3	0	2	1	5	9	5	2
	15	226	1016.1	-	18.9	4.9	12.1	55	4.6	3	4	10	11	2	0	0	0	0	0	0	1	3	5	18	3	0	0	14	16	0	1	0	5	3	2	6	12	1
	21	226	1017.3	-	13.6	1.8	12.5	80	3.6	8	9	1	3	9	0	0	0	0	0	0	1	6	5	16	2	0	0	3	26	1	0	0	5	2	2	14	6	0
Gloucester Filton ... H	3	197	1017.7	-	11.5	0.8	12.5	91	3.1	11	5	4	7	3	0	0	0	0	0	0	7	10	9	4	0	0	0	2	20	8	1	2	3	1	6	2	7	0
	9	197	1017.9	-	14.4	1.6	13.6	82	4.3	2	6	10	9	3	0	0	0	0	0	0	7	8	9	5	1	0	0	10	19	1	1	6	2	3	4	7	6	0
	15	197	1020.2	-	18.9	4.1	13.6	63	4.2	0	8	12	9	1	0	0	0	0	0	0	2	2	8	12	6	0	1	17	12	0	2	1	4	2	3	8	9	1
	21	197	1017.7	-	14.0	1.5	13.3	83	3.4	9	4	7	6	4	0	0	0	0	0	0	4	8	15	3	0	0	1	7	16	6	1	0	4	1	4	9	5	0
Gloucester Gloucester H	3	79	1017.8	-	11.7	0.9	12.5	89	2.7	13	6	3	4	4	0	0	0	0	2	1	3	5	10	9	0	0	0	3	19	8	1	1	1	1	8	8	1	1
	9	79	1018.0	-	14.4	1.8	13.3	80	5.0	1	6	6	13	2	2	0	0	1	1	1	3	4	11	3	6	0	0	7	18	5	2	1	2	1	5	8	4	2
	15	79	1016.8	-	20.1	5.1	13.2	56	4.7	2	4	9	14	1	0	0	0	0	0	0	1	3	7	10	9	0	1	19	10	0	2	1	3	3	3	12	3	3
	21	79	1017.7	-	14.3	1.8	13.2	80	3.8	7	4	8	7	4	0	0	0	0	0	2	2	5	9	11	1	0	0	4	22	4	2	0	4	1	4	13	2	0
Gloucester Little Rissington H	3	751	1017.8	-	10.8	0.7	12.0	92	3.8	8	6	4	4	6	2	0	1	1	0	0	3	9	11	4	1	0	0	3	27	0	2	3	3	1	5	5	9	2
	9	751	1017.9	-	13.4	1.7	12.5	81	4.6	1	8	8	10	3	0	0	0	0	0	1	3	2	16	5	3	0	2	14	14	0	0	3	4	1	6	3	11	2
	15	751	1016.5	-	18.1	4.8	11.5	56	5.2	1	3	9	13	4	0	0	0	0	0	0	1	2	7	10	10	0	1	18	11	0	0	2	5	2	3	4	11	3
	21	751	1017.8	-	12.8	1.9	11.7	79	3.5	5	11	2	8	4	0	0	0	0	0	0	2	3	11	9	5	0	0	7	23	0	2	1	5	0	3	8	6	5
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	86	1017.9	-	11.7	1.0	12.2	88	3.1	11	7	3	2	7	0	0	1	0	0	1	3	7	12	6	0	0	0	0	27	3	5	1	1	2	4	9	2	3
	9	86	1018.3	-	14.7	2.2	12.8	76	4.8	2	8	3	13	4	0	0	0	0	1	2	5	9	2	9	2	0	0	7	22	1	1	5	3	3	4	3	8	2
	15	86	1016.9	-	20.4	6.1	11.5	48	4.4	0	9	8	12	1	0	0	0	0	0	0	0	6	5	6	13	0	1	17	12	0	0	3	3	2	5	6	10	1
	21	86	1017.9	-	15.0	2.6	12.5	73	3.3	7	9	5	6	3	0	0	0	0	0	0	2	7	12	9	0	0	0	4	25	1	3	2	4	0	2	10	6	2
Surrey Kew Observatory H	9	34	1018.3	+1.5	15.1	2.4	12.8	75	4.9	2	8	2	14	4	0	0	0	0	2	1	3	6	6	7	5	0	0	6	20	4	1	1	4	2	5	3	8	2
	15	34	1017.0	-	19.8	5.7	11.6	51	5.0	0	5	10	12	3	0	0	0	0	0	0	0	5	4	11	10	0	0	13	17	0	0	2	4	1	5	7	8	3
	21	34	1018.0	-	14.8	2.3	12.7	76	3.2	6	11	2	9	2	0	0	1	0	0	0	3	6	5	13	2	0	0	3	24	3	1	2	4	2	2	9	6	1
Surrey Gatwick H	3	195	1018.4	-	9.5	0.4	11.6	95	3.0	12	4	5	5	4	0	0	2	3	0	2	1	9	11	2	0	0	0	1	21	8	2	0	4	0	2	7	7	0
	9	195	1018.5	-	14.7	1.7	13.8	82	4.9	1	7	6	12	3	1	0	1	1	0	2	1	9	6	6	4	0	0	7	22	1	3	6	3	2	4	3	6	2
	15	195	1017.2	-	19.5	5.1	12.5	55	4.3	1	9	7	11	2	0	0	0	0	0	0	0	5	6	9	10	0	1	16	13	0	0	0	5	4	2	9	7	3
	21	195	1018.4	-	12.4	1.1	12.8	87	2.6	14	4	3	5	4	0	0	0	0	0	0	2	9	13	6	0	0	0	4	22	4	0	2	4	0	2	12	4	2
Kent Deal ... H	3	34	1018.4	-	13.3	1.4	13.0	84	2.5	14	7	1	5	3	0	0	0	0	1	1	2	1	18	6	1	0	0	6	24	0	0	0	3	2	4	8	10	3
	9	34	1018.7	-	15.9	1.3	15.8	87	4.7	5	4	5	10	6	0	0	0	0	0	1	2	9	16	2	0	0	0	12	18	0	2	0	4	3	3	5	7	6
	15	34	1017.9	-	18.1	3.2	14.5	70	4.2	2	5	11	10	2	0	0	0	0	0	1	1	9	14	5	0	0	0	8	20	2	0	0	5	3	2	10	7	1
	21	34	1018.2	-	15.3	1.7	14.4	82	2.6	10	9	5	3	3	0	0	0	0	0	0	2	3	18	7	0	0	0	8	20	2	0	0	5	3	2	10	7	1
Kent Manston ... H	3	148	1018.2	-	12.8	1.1	12.9	87	3.4	10	5	5	5	4	1	0	0	0	1	1	2	5	10	10	1	0	0	11	19	0	1	0	3	5	3	8	7	3
	9	148	1018.7	-	15.7	2.3	13.7	76	4.7	5	2	6	15	2	0	0	0	0	0	0	2	9	12	7	0	0	0	21	8	1	1	2	4	4	3	7	4	4
	15	148	1017.4	-	18.8	4.5	13.0	59	4.0	3	7	9	10	1	0	0	0	0	0	0	0	6	7	16	1	0	2	18	10	0	1	3	6	1	5	4	6	4
	21	148	1018.2	-	14.2	1.7	13.3	81	3.1	7	10	4	7	2	0	0	0	0	0	0	0	1	5	10	13	1	0	0	14	15	1	1	1	5	3	2	14	1	2
Sussex Thorney Island H	3	35	1018.3	-	12.6	0.7	13.5	91	3.4	12	3	4	6	5	0	0	0	1	1	1	2	9	8	8	0	0	0	1	25	4	3	1	5	2	0	4	8	3
	9	35	1018.6	-	15.5	1.7	14.6	82	4.4	2	8	5	12	3	0	0	0	0	0	0	3	5	10	5	7	0	1	5	21	3	1	3	6	1	4	1	7	4
	15	35	1017.8	-	19.1	2.9	14.2	64	4.2	1	8	9	11	1	0	0	0	0	0	0	1	2	7	9	11	0	0	14	16	0	0	0	2	5	6	3	12	2
	21	35	1018.5	-	14.0	1.3	13.9	86	2.0	11	7	5	3	4	0	0	0	0	0	0	2	4	10	14	0	0	0	5	23	2	1	2	7	1	0	2	11	4
Sussex East Hoathly H	9	133	1018.2	-	15.5	1.7	14.5	82	4.4	3	6	7	12	2	0	0	0	1	0	0	3	4	12	8	2	0	0	9	16	5	0	1	5	1	5	2	8	3
	15	133	1017.7	-	18.9	4.1	13.7	62	4.7	2	4	11	11	2	0	0	0	0	0	0	0	4	7	15	4	0	0	17	12	1	0	0	7	0	8	4	10	0
	21	133	1019.0	-	12.7	1.0	13.3	89	2.4	13	9	0	5	3	0	0	0	1	0	0	1	6	5	14	3	0	0	5	17	8	0	0	7	2	1	4	8	0
Sussex Eastbourne Coastguard H	9	24	1018.7	-	15.8	2.1	14.1	78	4.3	3	5	10	10	2	0	0	0	4	0	0	0	14	12	0	0	0	3	4	18	5	3	2	2	1	4	3	7	3
	15	24	1018.0	-	18.3	3.4	13.9	64	4.7	2	1	16	7	4	0	0	0	1	0	0	0	13	16	0	0	0	2	19	9	0	1	1	6	2	4	2	13	1
	21	24	1018.5	-	15.3	2.0	13.8	79	2.8	15	1	6	4	4	0	0	0	0	0	0	0	10	20	0	0	0	4	9	10	7	1	0	6	0	0	1	14	1
Berkshire Abingdon H	3	234	1018.1	-	10.3	0.6	11.8	92	3.1	11	4	7	5	3	0	0	1	0	0	2	2	11	13	1	0	0	0	2	23	5	2	2	2	3	3	6	5	2
	9	234	1018.2	-	13.9	1.7	13.0	81	4.9	1	4	11	11	2	1	0	0	0	2	2	3	3	10	9	1	0	0	9	15	6	1	1	3	3	3	5	7	1
	15	234	1016.9	-	19.7	5.3	12.4	54	4.9	0	5	10	13	2	0	0	0	0	0	0	0	3	11	12	4	0	1	17	11	1	0	2	3	3	3	9	7	2
	21	234	1018.1	-	13.5	1.8	12.5	80	2.7	9	10	4	4	3	0	0	0	0	0	0	3	6	16	4	1	0	0	4	25	1	1	2	5	1	3	5	10	2
Hampshire Hurn ... H	3	46	1017.9	-	11.1	0.7	12.4	92	3.2	11	5	4	5	4	1	0	1	1	2	0	3	4	7	12	0	0	0	1	20	9	3	2	2	0	2	6	6	0
	9	46	1018.2	-	15.3	1.9	13.9	80	5.0	1	7	6	11	4	1	0	0	1	2	1	5	4	3	10	4	0	1	13	14	2	5	2	2	2	5	2	7	3
	15	46	1017.4	-	19.0	4.1	13.8	62	4.3	0	9	10	9	2	0	0	0	0	0	0	3	1	6	13	7	0	0	18	12	0	0	0	3	3	8	7	5	4
	21	46	1018.2	-	13.6	1.4	13.3	84	3.1	8	8	5	5	4	0	0	0	0	0	0	4	5	10	9	2	0	0	3	19	8	0	3	2	0	1	6	10	0
Hampshire S. Farnborough H	3	231	1018.3	-	10.4	0.7	11.7	91	2.4	12	9	2	2	5	0	0	0	0	1	1	2	7	10	6	3	0	0	4	19	7	0	1	5	2	5	3	7	0
	9	231	1018.4	+1.6	14.8	1.9	13.5	80	4.9	1	8	4	12	5	0	0	0	0	0	3	2	6	3	6	10	0	0	9	17	4	0	0	5	4	2	3	10	2
	15	231	1017.1	-	20.0	5.4	12.5	53	4.1	2	8	8	11	1	0	0	0	0	0	0	0	4	6	9	11	0	1	17	12	0	2	1	3	4	2	5	11	2
	21	231	1018.3	-	13.6	1.8	12.6	80	2.7	8	10	6	3	3	0	0	0	0	0	0	2	8	7	6	7	0	0	9	19	2	1	2	5	2	1	10	6	1
Wiltshire Lyneham H	3	489	1018.0	-	11.1	0.7	12.2	91	3.1	10	8	1	7	4	0	0	0	0	1	0	3	9	12	4	1	0	0	2	25	3	1	2	3	2	6	9	3	1
	9	489	1018.1	-	13.3	1.4	13.0	85	4.7	2	7	8	8	5	0	0	1	0	0	2	3	2	13	5	4	0	0	11	17	2	1	2	5	2	4	8	5	1
	15	489	1016.9	-	18.4	4.6	12.3	58	4.7	0	6	10	12	2	0	0	0	0	0	0	0	4	3	13	10	0	0	18	12	0	0	2	3	2	4	5	12	2
	21	489	1018.1	-	13.0	1.6	12.3	82	3.6	5	11	3	7	4	0	0	0	0	0	0	2	4	8	12	4	0	0	4	26	0	0	2	5	2	7	9	4	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12) Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
5 ENGLAND, S.E. —cont.																																													
Boscombe Down H	3	419	1018.3	-	10.7	0.7	11.7	92	3.7	11	4	1	9	5	0	0	0	0	2	1	1	8	13	4	1	0	0	7	20	3	1	1	5	2	5	3	6	4
	9	419	1018.4	-	14.0	1.6	13.2	82	5.3	1	5	6	12	4	2	0	0	0	3	1	2	4	7	5	8	0	1	17	6	6	1	0	2	4	4	3	6	4
	15	419	1017.2	-	19.4	5.0	11.9	53	4.2	2	8	10	8	2	0	0	0	0	0	0	0	4	6	8	12	0	0	21	9	0	1	1	4	3	2	5	13	1
	21	419	1018.4	-	12.6	1.5	12.2	83	3.3	10	5	5	7	3	0	0	0	0	0	1	0	7	13	7	2	0	0	6	20	4	0	0	5	2	3	5	5	6
Upavon ... H	9	582	1017.9	-	13.9	1.7	13.0	82	5.0	1	7	6	11	4	1	0	1	1	0	1	6	6	8	5	2	0	1	14	13	2	1	1	7	3	3	4	7	2
	15	582	1016.7	-	18.8	4.6	12.6	58	4.8	1	3	15	9	2	0	0	0	0	0	0	0	6	5	9	10	0	3	15	12	0	0	0	7	1	4	3	11	4
	21	582	1018.0	-	12.7	1.6	12.1	82	3.5	9	5	5	8	3	0	0	0	0	0	1	0	4	14	9	2	0	0	6	20	4	2	2	5	1	2	4	9	1
7a ENGLAND, N.W.																																													
Cumberland Carlisle ... H	3	92	1015.0	-	10.7	1.0	11.5	87	4.1	5	8	4	8	5	0	0	0	0	0	2	1	9	8	9	1	0	0	7	18	5	0	2	2	3	4	10	4	0
	9	92	1015.1	-	13.1	1.7	12.3	81	5.4	1	4	9	9	7	0	0	0	0	1	1	0	7	12	8	1	0	0	12	12	6	0	0	4	6	0	9	5	0
	15	92	1014.2	-	16.3	3.0	12.4	67	5.7	0	4	7	12	7	0	0	0	0	0	1	0	2	11	11	5	0	0	13	14	3	0	0	1	2	5	9	8	2
	21	92	1014.8	-	12.4	1.4	12.1	83	4.7	1	9	5	8	7	0	0	0	0	0	0	2	11	10	6	1	0	0	8	17	5	0	0	3	4	2	9	7	0
Lancashire Squires Gate H	3	35	1015.6	-	11.5	0.9	12.3	90	4.7	3	8	3	9	6	1	0	1	0	1	1	4	6	8	5	4	0	2	16	9	3	1	0	5	2	4	5	8	2
	9	35	1015.7	-	14.0	1.5	13.4	84	6.0	0	3	5	17	4	1	0	1	0	0	0	4	9	10	5	1	0	3	19	7	1	0	0	5	5	7	1	6	5
	15	35	1014.9	-	16.5	2.5	14.1	75	5.5	0	6	5	14	5	0	0	0	0	0	1	4	2	9	7	7	0	3	18	8	1	1	0	2	2	4	4	14	2
	21	35	1015.4	-	13.6	1.4	13.2	84	5.0	2	4	9	12	3	0	0	0	0	0	0	6	7	7	10	0	0	4	14	11	1	0	0	5	1	4	7	6	6
Speke ... H	3	85	1016.2	-	11.8	1.1	12.2	87	3.6	6	5	11	6	1	1	0	1	1	1	0	2	6	7	9	3	0	0	10	15	5	1	0	3	3	7	4	6	1
	9	85	1016.3	-	13.6	1.7	12.6	80	5.8	0	4	4	18	3	1	0	1	0	1	1	3	9	10	3	2	0	1	15	13	1	0	0	3	9	6	1	7	3
	15	85	1015.4	-	17.7	3.8	12.9	64	5.3	1	2	12	13	2	0	0	0	0	0	0	2	4	10	8	6	0	1	19	9	1	0	0	1	5	5	2	12	4
	21	85	1016.0	-	14.2	2.0	12.6	78	4.5	1	5	12	9	3	0	0	0	0	0	1	2	6	16	4	1	0	1	13	14	2	1	0	5	1	8	4	8	1
Cheshire Ringway H	3	251	1015.8	-	11.0	1.2	11.3	85	3.4	8	9	2	8	3	0	0	0	1	2	0	1	10	10	5	1	0	0	4	23	3	0	1	3	1	13	4	4	1
	9	251	1016.3	-	13.4	2.2	11.6	75	5.2	1	4	8	14	3	0	0	1	0	0	3	3	11	9	3	0	0	0	14	12	4	0	0	2	3	11	4	6	0
	15	251	1015.2	-	17.1	4.4	11.3	59	5.5	0	4	9	12	5	0	0	0	0	0	0	2	5	12	10	1	0	1	13	16	0	0	0	2	4	5	9	9	1
	21	251	1015.9	-	13.1	2.3	11.3	75	3.3	2	6	10	8	4	0	0	0	0	1	2	1	9	15	2	0	0	1	5	21	3	0	0	5	4	8	5	5	0
7b NORTH WALES																																													
Anglesey Valley ... H	3	36	1015.5	-	12.4	0.7	13.3	91	4.0	5	3	10	6	5	1	0	1	0	0	1	0	1	13	11	3	0	6	16	6	2	3	1	2	1	10	4	6	1
	9	36	1015.5	+0.4	14.5	1.3	14.3	86	6.0	0	3	6	13	7	1	1	0	0	0	0	3	3	6	6	11	0	8	16	3	3	0	2	0	2	11	5	5	2
	15	36	1015.1	-	16.5	2.0	14.9	79	5.2	0	5	8	13	4	0	0	0	0	0	2	1	2	6	8	11	0	3	19	8	0	0	1	0	1	12	6	6	4
	21	36	1015.5	-	13.6	1.0	13.9	89	4.5	5	4	8	8	4	1	0	1	0	0	1	1	1	13	9	4	1	7	12	7	3	1	1	3	0	9	5	5	3
8a SOUTH WALES																																													
Cardigan Aberporth H	3	382	1016.5	-	12.4	1.3	12.2	84	4.5	8	2	3	9	6	2	0	0	2	0	0	0	3	11	10	4	0	2	14	11	3	1	0	1	4	9	5	5	2
	9	382	1016.5	-	14.1	1.7	13.0	80	5.3	0	6	6	13	4	1	0	0	0	1	0	2	3	10	9	5	0	1	20	5	4	0	0	1	5	9	4	4	3
	15	382	1016.1	-	16.2	2.8	13.2	72	5.3	0	8	3	14	5	0	0	0	0	0	0	2	2	6	7	13	0	3	19	8	0	4	0	1	1	6	7	7	4
	21	382	1016.7	-	13.4	1.5	12.8	83	4.5	3	8	4	10	3	2	0	0	2	0	0	0	4	6	13	5	0	3	11	13	3	1	0	0	3	12	1	7	3
Glamorgan Mumbles Head H	3	123	1017.2	-	13.6	1.1	13.6	85	3.3	7	9	5	5	4	0	0	0	0	0	0	0	7	15	6	0	0	7	13	10	0	3	4	5	1	0	7	5	5
	9	123	1017.3	-	14.9	1.7	13.9	82	4.6	2	9	5	10	4	0	0	0	0	0	0	3	14	6	6	1	1	4	15	10	0	1	5	5	2	2	5	5	5
	15	123	1017.0	-	16.9	2.7	14.1	73	4.7	2	5	9	8	6	0	0	0	0	0	0	1	7	13	6	3	1	5	20	4	0	0	0	4	2	2	14	6	2
	21	123	1017.4	-	15.1	1.7	14.0	82	3.5	5	9	5	6	5	0	0	0	0	0	0	0	7	9	11	3	0	8	12	10	0	5	1	4	0	2	10	7	1
Rhoose ... H	3	225	1017.5	-	11.7	0.8	12.5	90	3.2	12	4	4	5	5	0	0	0	1	0	0	3	7	5	9	5	0	0	10	16	4	3	3	5	0	1	3	4	7
	9	225	1017.7	-	14.4	1.6	13.7	83	4.7	2	8	5	11	4	0	0	0	0	0	1	6	4	8	6	5	0	0	15	13	2	1	0	7	4	2	3	4	7
	15	225	1016.9	-	17.9	3.5	13.7	67	4.4	0	9	8	12	1	0	0	0	0	0	0	2	3	5	9	11	0	2	19	9	0	0	0	5	4	1	1	17	2
	21	225	1017.7	-	14.1	1.4	13.6	84	3.8	8	5	5	5	7	0	0	0	0	0	0	3	3	7	11	6	0	1	10	18	1	2	1	3	1	1	5	8	8
8b ENGLAND, S.W.																																													
Dorset Portland Bill H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	35	1017.8	-	15.9	1.3	15.6	86	2.8	12	6	4	3	5	0	0	0	0	0	0	0	2	3	23	2	1	8	15	5	1	1	1	7	1	1	3	13	2
Devon Hartland Pt. H	3	306	1016.5	-	13.8	0.9	14.2	89	4.9	2	7	6	6	8	1	1	0	0	1	1	0	4	7	8	8	0	4	16	7	3	2	3	1	3	3	5	8	2
	9	306	1017.1	-	14.8	1.3	14.5	85	5.2	1	3	11	13	1	1	0	0	0	1	0	1	5	11	3	9	1	2	16	10	1	0	3	4	1	2	6	7	6
	15	306	1016.6	-	16.4	2.0	15.0	81	5.1	0	7	7	12	4	0	0	0	0	0	0	1	6	7	6	10	2	4	15	8	1	0	3	3	1	0	2	17	3
	21	306	1017.1	-	14.5	1.1	14.7	89	4.3	4	6	9	4	5	2	1	1	0	1	0	0	7	6	5	9	1	5	17	6	1	1	3	4	1	2	4	10	4
Mount Batten H	3	100	1017.6	-	13.2	0.7	14.1	92	3.9	7	5	7	1	9	1	0	1	0	2	0	4	10	11	2	0	0	1	8	19	2	1	2	8	0	6	2	6	3
	9	100	1017.8	+0.8	14.9	1.3	14.7	86	5.0	2	5	7	11	5	0	0	0	0	0	2	4	11	6	6	1	0	2	12	13	3	1	1	7	1	3	5	5	4
	15	100	1017.4	-	17.6	2.7	14.8	74	4.5	0	11	5	11	3	0	0	0	0	0	0	2	2	9	8	9	0	4	19	7	0	0	0	6	1	8	10	3	2
	21	100	1018.1	-	14.8	1.2	14.8	89	4.3	6	4	6	7	7	0	0	0	0	0	1	4	6	17	2	0	0	1	9	19	1	2	0	9	0	1	8	8	1
Chivenor ... H	3	23	1017.6	-	12.5	0.9	13.1	90	4.5	4	6	6	7	6	1	0	0	1	2	0	0	6	5	9	7	0	0	10	16	4	0	0	10	4	4	1	3	4
	9	23	1017.9	-	14.8	1.5	14.2	84	4.9	1	7	6	12	3	1	0	0	1	1	0	2	5	5	9	7	0	0	14	12	4	0	0	6	5	3	2	6	4
	15	23	1017.4	-	18.8	3.7	14.3	66	4.7	0	10	5	12	3	0	0	0	0	0	0	1	3	6	7	13	0	2	19	9	0	0	1	2	3	4	2	13	5
	21	23	1018.1	-	14.0	1.3	13.8	86	4.2	3	8	7	7	5	0	0	0	0	0	0	1	4	8	12	5	0	0	6	20	4	2	0	8	1	5	2	6	2
Exeter ... H	3	125	1018.0	-	11.5	0.7	12.7	92	3.6	6	7	7	5	4	1	0	3	0	3	1	4	3	11	3	2	0	0	4	20	6	1	2	4	2	9	1	3	2
	9	125	1018.3	-	14.4	1.6	13.6	82	4.0	4	7	7	10	2	0	0	0	1	2	0	2	7	7	5	6	0	0	18	8	4	1	3	4	2	4	2	6	4
	15	125	1017.6	-	18.9	4.1	13.8	63	4.7	1	5	9	13	2	0	0	0	0	0	0	5	5	8	12	0	0	1	19	10	0	1	0	2	5	7	1	10	4
	21	125	1018.5	-	13.9	1.3	13.7	86	4.2	6	5	5	9	5	0	0	0	0	0	1	1	7	14	4	3	0	0	5	22	3	0	2	4	3	7	3	6	2
Cornwall St. Mary's, Scilly H	3	199	1017.0	-	14.5	0.6	15.4	93	4.2	5	6	4	10	1	4	0	1	0	3	0	2	5	5	7	7	0	3	9	16	2	0	2	4	4	7	3	6	2
	9	199	1017.3	+0.3	15.5	1.1	15.5	88	5.1	1	6	6	14	1	2	0	0	0	2	2	1	8	7	4	6	0	3	12	13	2	2	0	6	2	4	7	4	3
	15	199	1017.3	-	17.1	2.0	15.7	81	4.6	0	5	13	8	4	0	0	0	0	0	0	2	7	7	8	6	0	5	12	12	1	1	0	5	2	5	7	7	2
	21	199	1017.8	-	14.7	0.8	15.2	91	4.3	1	9	7	6	4	3	0	0	1	2	1	2	4	5	8	7	0	2	13	12	3	1	0	7	2	2	6	7	2
St. Mawgan H	3	350	1017.5	-	13.0	0.6	14.0	93	4.7	4	5	5	8	6	2	0	1	0	2	3	2	5	9	6	2	0	5	10	13	2	2	2	5	3	6	1	6	3
	9	350	1017.6	-	14.9	1.4	14.5	85	5.2	1	5	7	12	5	0	0	0	0	1	2	0	10	7	5	5	0	3	14	13	0	2	0	6	3	5	5	3	6
	15	350	1017.5	-	17.1	2.5	14.7	75	5.0	0	8	5	11	6	0	0	0	0	1	0	5	8	4	12	0	5	20	5	0	2	0	4	3	4	2	11	4
	21	350	1018.1	-	13.8	0.9	14.2	89	4.5	3	7	6	7	3	4	0	1	2	1	1	1	6	11	3	4	0	2	16	12	0	2	3	4	3	7	4	5	2
9 NORTHERN IRELAND																																													
Londonderry Ballykelly H	3	6	1012.7	-	11.4	1.1	11.9	87	4.5	4	6	6	6	8	0	0	0	0	0	0	0	4	6	17	3	0	2	9	12	7	1	0	1	1	6	4	9	1
	9	6	1012.8	-	13.2	1.5	12.7	83	6.0	1	1	5	20	3	0	0	1	0	0	0	4	9	9	13	3	0	1	9	14	6	0	0	0	4	4	7	8	1
	15	6	1012.3	-	15.4	2.6	12.8	73	5.7	0	5	7	10	8	0	0	0	0	0	0	0	3	6	12	9	0	0	19	10	1	2	1	0	5	2	8	7	4
	21	6	1012.7	-	12.5	1.3	12.4	85	4.4	3	6	9	5	7	0	0	0	0	0	0	1	3	8	14	4	0	0	8	17	5	1	0	0	2	9	5	5	3
Antrim Aldergrove H	3	241	1014.0	-	11.0	0.9	11.9	89	4.6	3	5	9	7	6	0	0	0	0	0	1	0	9	7	12	1	0	0	17	10	3	0	0	1	4	11	2	8	1
	9	241	1014.0	-	12.7	1.1	12.8	86	6.3	0	2	4	17	7	0	0	0	0	0	1	0	8	4	12	5	0	1	15	12	2	1	1	2	2	8	7	6	1
	15	241	1013.5	-	15.3	2.4	13.0	75	5.6	0	3	9	11	7	0	0	0	0	0	0	0	2	6	9	13	0	1	22	6	1	1	0	0	5	5	6	8	4
	21	241	1013.8	-	12.1	1.1	12.3	86	4.9	0	9	6	8	7	0	0	0	0	0	0	0	6	6	12	6	0	1	13	14	2	0	1	2	5	9	4	4	3
CHANNEL ISLES																																													
Guernsey States Airport H	3	360	1018.5	-	14.6	1.2	14.5	87	4.0	9	5	4	1	10	1	0	2	2	1	0	1	5	2	9	8	0	0	13	15	2	1	1	4	3	3	4	7	5
	9	360	1018.8	-	15.7	1.8	14.5	81	4.8	1	3	12	11	3	0	0	1	1	0	0	0	5	3	15	5	0	3	16	10	1	0	2	5	3	3	3	9	4
	15	360	1018.5	-	17.5	2.8	14.6	73	3.7	3	7	12	5	3	0	0	0	0	0	0	4	2	6	7	11	0	1	19	10	0	0	4	5	3	0	6	10	2
	21	360	1019.1	-	15.1	1.5	14.5	84	3.0	7	10	6	4	3	0	0	0	0	0	1	1	5	5	8	10	0	1	17	8	4	0	1	7	2	0	6	7	3

H *See* Notes on Tables in the Introduction.

Table XIII—Solar Radiation and Intensity of Illumination September, 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination on a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	440	12	35	22	219.1	30	207	2	34	22	127.4	30	508	12	47	22	259.1	30
Eskdalemuir Observatory ...	545	1	21	22	262.1	30	230	2	20	22	153.3	30	563	1	35	22	281.6	30
Cambridge	546	2	195	26	348.7	30	257	3	83	23	163.6	30	-	-	-	-	-	-
Kingsway	508	2	211	15	350.7	30	236	6	88	23	161.4	30	570	2	225	15	383.7	30
Kew Observatory	543	2	199	16	351.0	30	224	8	71	23	154.1	30	595	2	237	16	4.013	30
Aberporth	567	1	114	14	327.2	30	246	13	58	29	164.3	30	-	-	-	-	-	-

Table VIII—Number of Days in September, 1964 with Maximum and Minimum Temperatures between given limits.

Station	Maximum Temperature °C.								Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	0	7	23	0	0	0	0	0	0	0	0	9	17	4	0
Stornoway	0	0	1	24	5	0	0	0	0	0	0	1	5	19	5	0
Craibstone	0	0	1	18	11	0	0	0	0	0	0	0	5	21	4	0
Rothesay	0	0	0	18	12	0	0	0	0	0	0	0	2	14	14	0
Renfrew	0	0	0	8	18	4	0	0	0	0	0	1	4	16	9	0
Eskdalemuir Observatory	0	0	0	15	12	3	0	0	0	0	0	1	7	14	8	0
Douglas	0	0	0	12	18	0	0	0	0	0	0	0	1	12	17	0
Cockle Park	0	0	0	11	18	1	0	0	0	0	0	0	1	23	6	0
Gorleston	0	0	0	1	20	7	2	0	0	0	0	0	0	9	19	2
Cambridge	0	0	0	0	12	18	0	0	0	0	0	0	6	13	11	0

Station	Maximum Temperature °C.								Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	0	0	4	15	11	0	0	0	0	0	0	1	13	16	0
Kew Observatory	0	0	0	0	18	12	0	0	0	0	0	0	0	12	14	4
Hastings	0	0	0	0	22	8	0	0	0	0	0	0	0	5	22	3
Southampton	0	0	0	0	12	17	1	0	0	0	0	0	1	12	17	0
Stonyhurst	0	0	0	7	19	4	0	0	0	0	0	0	2	20	8	0
Bidston	0	0	0	7	18	5	0	0	0	0	0	0	0	13	17	0
Valley	0	0	0	3	23	4	0	0	0	0	0	0	1	9	20	0
Falmouth	0	0	0	0	26	4	0	0	0	0	0	0	0	6	23	1
Aldergrove	0	0	0	8	20	2	0	0	0	0	0	0	3	13	14	0
Armagh	0	0	0	4	23	3	0	0	0	0	0	0	2	16	12	0

Table III—Additions and Corrections September, 1964

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1964																															
March	Dall	9 9	720	5.4	0.1	2.7	-	8.9	2,26	-3.3	5	-	-	2.83	-	1.43	14	10	7	5	3	0	0	0	1	13	18	0	-	-
"	Callander	9 9	230	6.3	0.8	3.5	-	11.1	26	-2.8	1,26	-	-	2.55	-	.57	19	10	9	-	1	-	-	-	0	11	16	-	-	-
"	Ardtalnaig	9 9	427	6.3	1.3	3.8	-	10.6	2,3	-1.1	19	-	-	5.34	-	1.55	14	14	9	3	1	0	0	0	0	6	18	4	-	-
"	Pitlochry	9 9	473	5.9	0.9	3.4	-	10.0	3,6,26	-2.2	5	-	-	3.56	-	1.47	14	13	9	4	1	0	1	0	0	9	17	0	1.21	-
"	Edinburgh - Liberton	9 9	200	6.6	1.7	4.1	-1.2	9.4	23	-3.3	7	-	-	1.67	-	.56	24	9	7	-	-	-	-	-	-	5	16	-	-	-
"	Blackbridge	9 9	690	7.5	-0.3	3.6	-	12.2	2	-5.0	6	-	-	.85	-	.39	24	13	6	-	-	-	-	-	0	12	29	-	2.52	-
"	Coventry	9 9	338	7.3	1.6	4.5	-1.2	12.8	13,14	-2.8	16	5.3	5.6	3.47	213	.98	14	15	12	5	-	0	0	0	0	10	16	0	1.98	61
"	Lyonshall	9 9	510	5.9	1.3	3.6	-2.0	11.7	13	-1.7	7,8	-	-	2.95	-	.54	23	15	11	-	-	-	-	-	-	12	17	-	-	-
"	Aberystwyth	9 9	12	9.1	3.5	6.3	0.0	13.9	23,25	-1.1	6	-	-	(2.55)	-	(.82)	24	13	12	-	0	-	-	-	0	4	-	-	-	-
"	Mackworth	9 9	293	6.0	1.1	3.5	-																							
"	Bugbrooke Mills	9 9	228																							11				
"	Onecote	9 9	1350											3.75	-	.98	14	12	10											
"	Helmshore	9 9	854															11	9	-	6	-	-	-	3	17	19	-		
"	East Grinstead	9 9	400																							12				
"	Hayling Island	9 9	13											3.56	-	1.19	14													
"	Bardsey Island	21-9	61											2.98	-	.74	24	13	11											
"	Ceinws	9 9	200											3.52	-	1.10	23													
"	Trawscoed	9 9	200	8.8	1.7	5.3	-											14	9											
"	Crumbland	9 9	804											3.96	-	1.06	13	14	11											
"	Wincanton	9 9	375	7.6	1.8	4.7	-	13.3	13																					
"	Bath C. B. S.	9 9	388	7.7	1.8	4.7	-							2.40	-	.56	18	11	11											
"	Slapton	9 9	104	8.4	3.7	6.1	-																		1					
"	Bude	9 9	50															10	9											
"	Long Sutton	9 9	512									5.1								6										
"	Sandown	9 9	13																		1									
"	Shanklin	9 9	180																	5					9					
"	Cromer	9 9	178																										1.78	44
"	Aberystwyth. P. B. S.	9 9	452											2.83	90															
"	Llety-Evan-Hen	9 9	950																									2		
"	Swyddffynnon	9 9	540															16	12											
"	Cwmystwyth	9 9	989															14	10											
"	Carlisle	21-9	86	7.1	1.8	4.4	-	12.1	20	-3.1	7	-	-	1.93	-	.47	19	15	6	3	0	0	1	0	1	7	14	0	1.88	-
"	Compton	9 9	339	7.1	1.2	4.1	-	12.8	13,14	-3.3	9,16															11				
"	Rustington	9 9	10											4.01																
"	Leckford	9 9	385																		0									
"	Moor House	9 9	1825																		12									
"	Urswick	9 9	130																									4		
"	Poulton-le-Fylde	9 9	38															15	9	4	1	1						1		
"	Earls Colne	9 9	160	6.4	1.5	3.9	-	12.2	21					3.12	212	1.61	14	13	10											
"	Clacton-on-Sea	9 9	53	5.3	2.2	3.7	-			-1.1	7			3.25	250	2.02	14	14	9											

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METEOROLOGICAL OFFICE
29 MAR 1965
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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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October 1964 — *Dry and rather cold.*

Weather was predominantly anticyclonic in character with pressure high mostly to the south or east of the country except from the 5th to the 15th and the 22nd-23rd when troughs or small depressions moved over or near the British Isles.

The dry sunny weather at the end of September continued during the first four days of October. Afternoon temperatures were above average nearly everywhere and nights were clear with ground frost. On the 4th an anticyclone, which had been centred over the North Sea, moved away south-eastwards and fog became widespread that night in a moister southerly airstream.

A rather unsettled period began on the 5th as a slow moving trough brought rain from the Atlantic, the first in many places for over two weeks. The rain was prolonged and locally heavy in the west, but did not reach eastern districts until the late evening. Most of England and Wales was dry and sunny again on the 6th, but a rapidly deepening depression brought renewed rain to Scotland which spread southwards to most districts during the night. By the 7th a slow-moving depression was centred to the north of Scotland and the rain gave place to thundery showers as winds veered towards the north west. The showers continued throughout the 8th but there were long sunny periods in the south.

On the 9th a small depression from the Atlantic deepened very rapidly off south-west England, pressure falling up to 18 mb in 3 hours on its forward side, as it moved eastwards along the north coast of France. Winds increased to storm force in the English Channel; mean wind speed at Jersey Airport between 1300 and 1400 GMT that day was 68 kt, a gust of 94 kt at about 1325 GMT being the highest gust ever recorded in the British Isles during October. Rain associated with the depression was mainly confined to southern England.

A complex area of low pressure covered the British Isles for most of the next week, a feature of the situation being the persistence of a north-westerly airstream off our western seaboard. Weather remained generally cold with outbreaks of rain and occasional thunderstorms but with good sunny periods especially in the south. On the 13th many parts of southern and central England had 8-10 hours of sunshine, but the next day rain was heavy at times along the south coast as a depression from the Atlantic moved across northern France. Some coastal areas of east Kent had more than 2 inches of rain on the 14th. There were scattered showers in a north-westerly airstream on the 15th as the depression moved away north-eastwards over the Low Countries.

Weather became more settled and milder on the 16th as pressure rose generally over the country. Most of England was sunny and dry during the next four days, but slow moving fronts from the Atlantic gave rather cloudy weather with occasional slight rain in north-west England, Northern Ireland and Scotland.

Cold fronts, associated with depressions in high latitudes, brought rain southwards over the country early on the 21st and on the 22nd; northern districts were mainly fine on the 21st between the rain-belt. On the 23rd a northerly airstream from Arctic regions brought wintry showers of rain, hail or light snow and occasional thunderstorms to all areas. The showers continued on the 24th but there were long sunny periods in south-east England; light frontal rain from the Atlantic spread south-east across the country that evening.

Winds backed to south-west on the 25th and 26th and temperature returned to normal as an anticyclone over the Bay of Biscay spread over southern England. Most of England was dry with broken sunshine on the 25th-27th but Scotland and Northern Ireland were dull with occas.onal drizzle. During the last four days of the month a ridge of high pressure extended over the British Isles from an anticyclone near the southern Baltic, and weather was generally dull and cooler with occasional drizzle chiefly in Coastal districts.

Pressure and Wind — Mean pressure at 9h was everywhere above the average, the excess ranging from 3.1 mb at Lerwick to +0.3 mb at Shoeburyness. Surface winds were east to south-east at first becoming mainly south-westerly on the 6th, north-westerly on the 7th-8th and then rather variable until the 14th. During the latter half of the month, apart from spells of north-westerlies on the 15th-17th and 22nd-24th, winds were mainly between south-west and south. It was a quiet month generally but winds reached gale force on 9 days in Scotland and on the 6th, 7th, 9th and 23rd in England and Wales. A gust of 94 kt was recorded at Jersey on the 9th.

Temperature — Day temperatures were above the average during the first week and around the 19th and 26th. The second week was cold both day and night and there was another cold spell around the 23rd.

Extremes included: (England and Wales) 23.3°C at Eastwick Lodge on the 5th, −7.2°C at Lincoln on the 13th; (Scotland) 20.6°C at Kinlochewe on the 4th, −7.0°C at Lowther Hill on the 24th; (Northern Ireland) 17.2°C at Larne on the 1st and at Roscor on the 3rd, −2.5°C at Carrigans on the 13th.

Rainfall — In Scotland rainfall totals were less than half the average over most of Inverness-shire and over most central and eastern districts north of the Firth of Forth. Further south rainfall was less than half the average over counties east of the Pennines, the east Midlands and the Thames Valley. Rainfall totals exceeded 125 per cent of the average around Gorleston and in coastal areas of east Kent and east Sussex, mainly owing to heavy rain on the 14th.

Thunder was heard on 8 days in Scotland and on the 7th-16th, 22nd and 23rd in England and Wales.

Snow or sleet was reported on 9 days in Scotland and ground was snow-covered on 4 days (22nd-25th). In England and Wales it was reported on the 8th-11th and 22nd-24th.

Sunshine — Sunshine was below average over most of Scotland and Northern Ireland but above average over most of England and Wales; it exceeded 140 per cent of the average in parts of the Midlands.

Fog — Fog was observed at 9h at one place or another on 20 days in Scotland and daily except the 7th-9th, 23rd and 24th in England and Wales.

Miscellaneous Phenomena — The aurora was observed in Scotland on 8 nights.

TABLE I—DISTRICT VALUES— OCTOBER 1964 (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature: Highest Max.	Air Temperature: Lowest Min.	Air Temperature: Max. (Difference from Average)	Air Temperature: Min. (Difference from Average)	Air Temperature: Mean (Difference from Average)	Earth Temp.: Mean 1 ft. (Difference from Average)	Earth Temp.: Mean 4 ft. (Difference from Average)	Rain Days (Difference from Average)	Rainfall (% of Average)	Sunshine (% of Average)
0 SCOTLAND, N.	20.6	-6.1	-0.3	-0.8	-0.6	-	-	-2	72	102
1 SCOTLAND, E.	19.4	-6.1	-0.6	-0.7	-0.7	-	-	-4	67	82
2 ENGLAND, N. E.	19.4	-7.2	-1.0	-1.2	-1.1	-0.4	0.0	-5	48	106
3 ENGLAND, E.	23.3	-5.0	-1.4	-2.0	-1.7	-1.0	-0.5	-2	76	112
4 MIDLANDS	21.1	-6.1	-1.0	-1.6	-1.3	-0.8	-0.2	-2	52	125
5 ENGLAND, S.E.	22.2	-3.9	-1.0	-1.9	-1.5	-1.2	-0.6	-3	78	125
6 SCOTLAND, W.	17.8	-7.0	-0.6	-0.9	-0.8	-0.1	-0.1	-4	81	96
7 ENGLAND, N. W. and N. Wales	20.6	-5.6	-0.7	-1.0	-1.1	-0.5	+0.1	-4	92	117
8 ENGLAND, S.W. and S. Wales	21.1	-3.9	-1.3	-1.7	-1.5	-0.5	-0.2	-2	82	103
N. IRELAND	17.2	-2.5	-0.6	-1.4	-1.0	-	-	-2	126	78
SCOTLAND	20.6	-7.0	-0.5	-0.8	-0.7	-	-	-3	69	93
ENG. and WALES	23.3	-7.2	-1.1	-1.6	-1.6	-	-	-3	66	115

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

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TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — OCTOBER, 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Above Ground	Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	Duration	22 to 33 knots: No. of days	Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Speed	Hour ended at		Highest Gust: Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	hr
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	-	0	11	50	367	228	99	0	11.4	230	33	22	09	50	22	0755
Orkney	Kirkwall	134	50	33	-	0	4	31	268	316	129	0	9.4	350	28	23	03	45	23	1520
Caithness	Dounreay	110	39	30	-	0	6	50	237	435	3	19	10.5	010	30	23	16	56	23	1520
Sutherland	Shin	78	33	33	-	0	0	0	66	208	470	0	3.7	190	18	19	18	44	22	1305
Ross &	Stornoway (Coastguard)	120	40	36	22	1	12	105	273	221	144	0	11.7	230	35	22	03	51	22	0215
Cromarty	Duirinish	125	65	55	-	0	5	34	207	356	147	0	8.5	200	27	22	10	55	22	1350
Inverness	Benbecula	69	51	35	22	4	9	74	348	275	43	0	12.5	320	37	22	22	59	22	2135
1 Moray	Lossiemouth	101	80	60	-	0	2	25	111	307	301	0	6.1	310	32	23	03	50	23	0430
Aberdeen	Dyce	234	30	30	-	0	1	3	159	279	303	0	5.9	180	31	7	02	46	23	0630
Angus	Auchterhouse ...	827	62	50	-	0	0	0	96	358	290	0	5.7	290	21	23	15	37	22	(1400)
	Bell Rock Lighthouse	126	131	124	7, 22, 23	5	9	88	337	172	142	0	12.0	220	35	22	12	46	7	0215
Perth	Rannoch	1005	56	57	*															
Fife	Leuchars	78	40	40	-	0	4	9	100	365	270	0	6.0	250	26	22	13	44	22	1230
Midlothian	Turnhouse	137	40	33	-	0	3	8	173	311	252	0	6.7	200	28	7	01	45	7	0055
	Edinburgh, Blackford Hill	496	50	34	6, 7	4	6	17	247	318	158	0	8.6	170	38	7	02	74	7	0105
6a Argyll	Tiree	89	60	47	22, 23	5	18	146	369	142	82	0	14.9	320	37	22	23	60	22	2050
Bute	Millport	50	34	34	Ø															
Renfrew	Paisley	188	81	31	-	0	2	4	23	275	442	0	3.6	180	29	7	01	52	7	0030
	Renfrew	71	41	39	-	0	2	5	96	357	286	0	5.7	210	31	7	01	47	7	0040
Lanark	Lowther Hill ...	2412	43	33	6, 7, 22, 23	18	17	126	361	210	29	0	15.0	220	42	6	23	61	6	2215
Ayr	Prestwick Airport ...	68	33	33	-	0	0	0	132	421	191	0	6.9	310	21	23	02	46	22	2035
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	2	8	58	188	490	0	3.7	200	32	7	02	55	7	0115
Wigtown	West Freugh ...	81	33	33	6, 7	2	4	12	187	402	141	0	8.0	210	35	6	24	55	6	2325
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	6, 7, 9	11	12	85	319	283	46	0	12.6	200	49	6	23	70	6	2205
	Point of Ayre ...	64	33	33	-	0	10	89	275	341	39	0	12.1	200	33	7	01	55	7	0025
2 Durham	Durham	389	53	33	-	0	1	2	112	298	337	0	5.5	320	23	23	09	39	7	0120
	South Shields ...	73	57	44																
Lincoln	Cranwell	268	47	47	-	0	2	16	140	326	262	0	6.7	190	26	7	07	46	7	0655
3 Norfolk	Gorleston	45	33	33	-	0	5	18	295	344	87	0	10.5	190	30	7	09	48	23	1605
Suffolk	Mildenhall	98	83	60	-	0	0	0	68	260	416	0	4.2	220	20	7	09	39	7	0845
Bedford	Bedford	327	42	39	-	0	2	6	154	440	144	0	7.2	200	26	7	08	41	7	0745
	Cardington	278	133	133	-	0	1	7	234	356	147	0	8.3	190	31	7	08	45	7	0720
Hertford	Garston	307	50	33	-	0	0	0	35	434	275	0	4.5	310	18	23	11	37	7	0710
	Rothamsted	461	41	33	-	0	0	0	19	375	350	0	4.1	300	15	23	12	33	23	1320
Essex	Stansted ...	351	31	31	-	0	0	0	140	433	171	0	6.6	210	19	7	09	32	7	0820
	Coryton	66	57	48	-	0	1	1	137	381	199	26	6.5	270	22	7	11	44	7	1000
	Shoeburyness ...	118	106	91	7	3	4	14	282	335	104	6	9.5	220	38	7	11	62	7	1010
4 Yorks, W.R.	Sheffield	533	53	35	-	0	0	0	31	250	455	8	3.5	200	18	7	05	39	7	0240
Warwick	Edgbaston	643	118	73	-	0	1	5	106	531	102	0	7.2	200	26	7	06	44	7	0400
	Elmdon	343	31	31	-	0	2	7	126	369	242	0	6.4	210	26	7	07	43	7	0640
Buckingham	Amersham	500	50	50	-	0	0	0	24	453	267	0	4.8	200	16	7	08	33	7	0730
Stafford	Keele	706	50	33	-	0	1	2	31	275	436	0	3.8	220	24	7	05	48	7	0430
Gloucester	Avonmouth	92	61	33	-	0	4	27	159	239	255	64	7.2	320	27	23	10	46	23	0920
5 London	Kingsway	208	143	41	-	0	1	1	86	471	186	0	6.3	200	22	7	09	41	7	0900
Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	4	122	467	151	0	6.9	200	27	7	09	41	7	0850
	Hampton	139	101	100	-	0	1	1	65	349	329	0	4.8	220	23	7	09	40	7	0835
Surrey	Kew Observatory ...	92	75	50	-	0	1	1	90	425	228	0	5.8	220	22	7	09	43	7	0810
	Gatwick	232	38	33	-	0	1	4	76	329	335	0	4.9	230	25	7	11	43	7	0830
Kent	Isle of Grain ...	48	40	33	-	0	1	1	135	235	373	0	5.0	220	22	7	11	42	7	0940
	Dover	68	38	62	-	0	3	15	207	327	195	0	7.9	200	30	7	09	50	7	0950
Sussex	Thorney Island ...	75	65	42	-	0	0	0	88	285	371	0	4.8	230	20	7	10	42	7	0930
Hampshire	Hurn	86	53	46	-	0	2	6	143	367	228	0	6.7	220	25	7	08	44	7	0735
	Calshot	50	41	33	-	0	3	12	243	444	45	0	9.5	220	28	7	09	42	23	1040
	S. Farnborough ...	318	69	35	-	0	1	1	107	350	286	0	5.9	210	22	7	09	44	7	0835
Berkshire	Abingdon	295	40	40	-	0	1	2	105	329	308	0	5.5	210	23	7	08	36	23	1210
Wiltshire	Larkhill	491	51	36	-	0	1	1	144	325	274	0	6.2	310	23	23	12	49	23	0950
	Boscombe Down ...	425	55	55	-	0	2	6	219	370	149	0	7.9	220	27	7	08	47	23	1000
	Porton	406	44	44	-	0	1	4	59	243	438	0	4.0	210	24	7	08	45	23	1000
7a Cumberland	Carlisle	137	42	30	-	0	1	1	116	341	286	0	6.0	210	22	6	23	38	7	1410
	Sellafield	83	39	35	-	0	4	18	199	461	66	0	9.2	210	33	6	24	50	7	0055
	Spadeadam	959	51	50	-	0	3	8	134	374	228	0	6.9	190	29	7	01	46	7	0015
Westmorland	Great Dun Fell ...	2843	33	33	6, 7, 22	25	16	144	313	117	140	5	14.5	240	53	6	23	71	6	2320
	Moor House ...	1960	50	45	6, 7	3	10	75	231	306	73	56	11.2	220	37	6	24	60	6	2255
Lancashire	Squires Gate ...	88	55	35	-	0	5	73	223	384	64	0	10.7	260	30	7	11	48	23	0245
	Southport	59	41	33	-	0	5	52	99	218	366	9	6.3	-	29	7	23	48	23	0525
	Fleetwood	112	50	31	-	0	4	40	111	382	189	22	7.4	320	29	23	06	48	23	0125
	Speke	109	41	33	-	0	2	15	160	424	145	0	7.8	180	31	7	02	56	23	0540
	Manchester W/Centre	268	147	55	-	0	1	1	77	380	286	0	5.4	190	22	7	06	46	7	0550
Cheshire	Bidston Observatory	262	64	39	-	0	4	29	149	461	71	34	-	270	26	7	23	55	23	0530
	Ringway	261	33	33	-	0	2	4	91	331	318	0	5.2	180	26	7	04	43	7	0330
7b Anglesey	Valley	86	53	40	6, 7	12	8	96	297	272	67	0	12.8	200	45	7	04	63	7	0335
8a Cardigan	Aberporth	483	41	41	23	6	12	126	284	288	40	0	13.3	290	38	23	10	59	23	1230
Pembroke	Brawdy	432	68	45	7	1	7	56	271	327	89	0	10.9	200	35	7	03	57	23	2135
Glamorgan	Port Talbot	91	40	35	-	0	4	24	211	374	135	0	8.5	320	28	23	13	51	23	1225
	Rhoose	257	37	32	-	0	5	39	206	468	31	0	9.3	310	28	23	10	54	23	0915
Dorset	Portland Bill ...	150	155	155	*															
Devon	Plymouth Hoe ...	191	88	65	7	1	3	10	164	311	258	0	6.7	-	34	7	06	44	7	0505
Cornwall	St. Mary's, Scilly ...	230	65	57	7-10, 23	24	11	141	292	227	60	0	14.6	310	42	9	13	65	9	1400
	The Lizard	315	75	60	7, 9, 15	17	15	140	256	303	28	0	13.8	290	38	9	18	65	9	1310
NORTHERN IRELAND																				
Londonderry	Ballykelly	56	50	35	-	0	3	6	115	328	295	0	5.8	330	23	23	07	49	23	1655
Antrim	Aldergrove	263	33	33	-	0	2	6	248	388	102	0	8.7	190	31	6	22	53	23	1225
Fermanagh	Castle Archdale ...	263	43	43	-	0	2	3	129	432	180	0	6.6	220	25	6	22	49	22	2150
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	7-10, 15, 23	27	10	111	289	285	32	0	14.0	280	68	9	14	94	9	1325

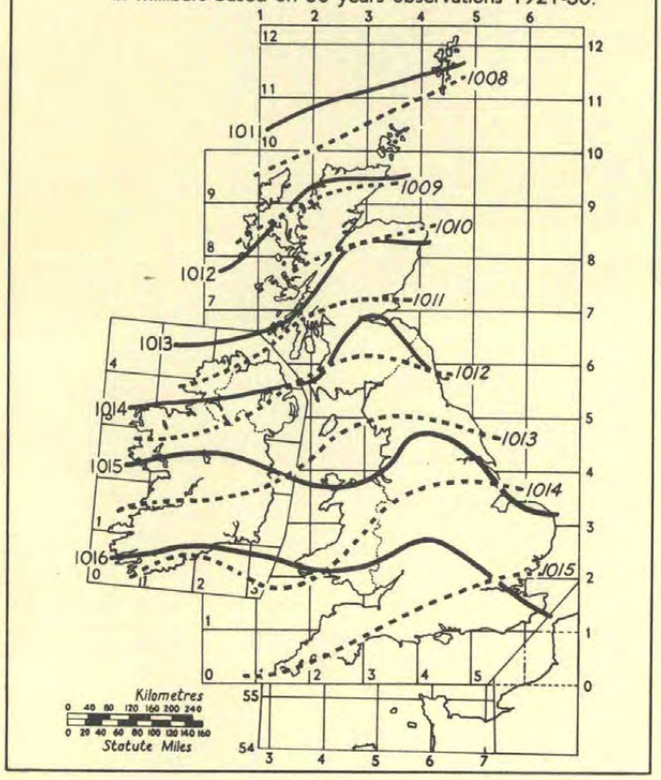
‡ Record ceased ‡ Incomplete record * Defective record

Ø Anemograph out of order

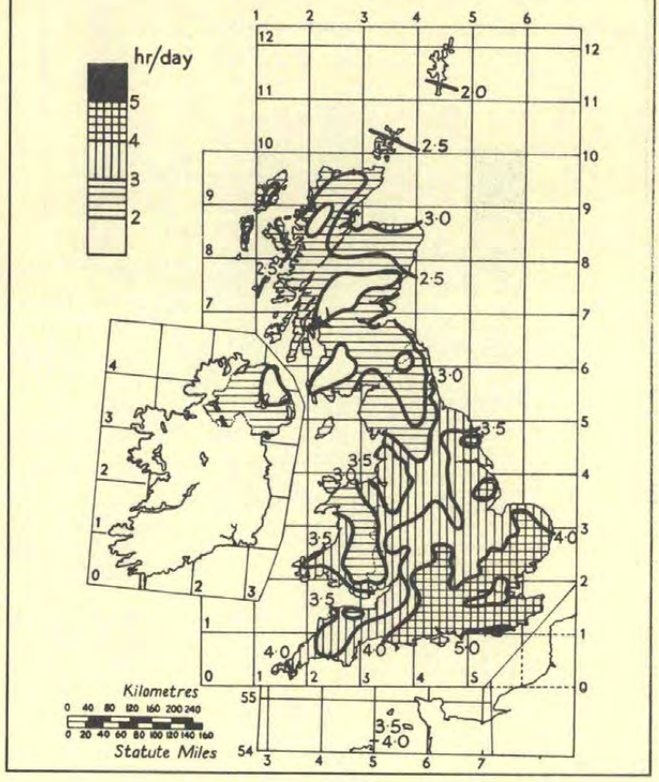
MONTHLY WEATHER CHARTS OCTOBER 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



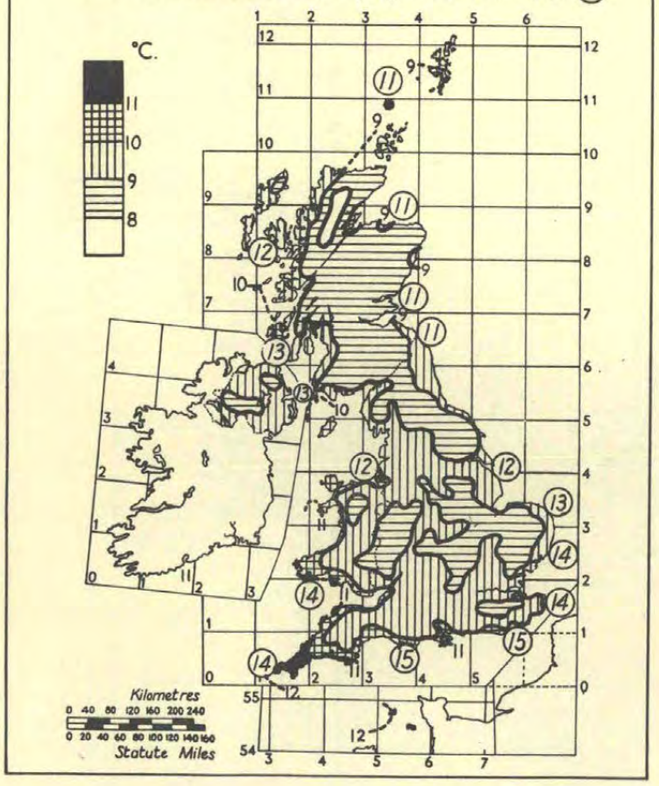
BRIGHT SUNSHINE



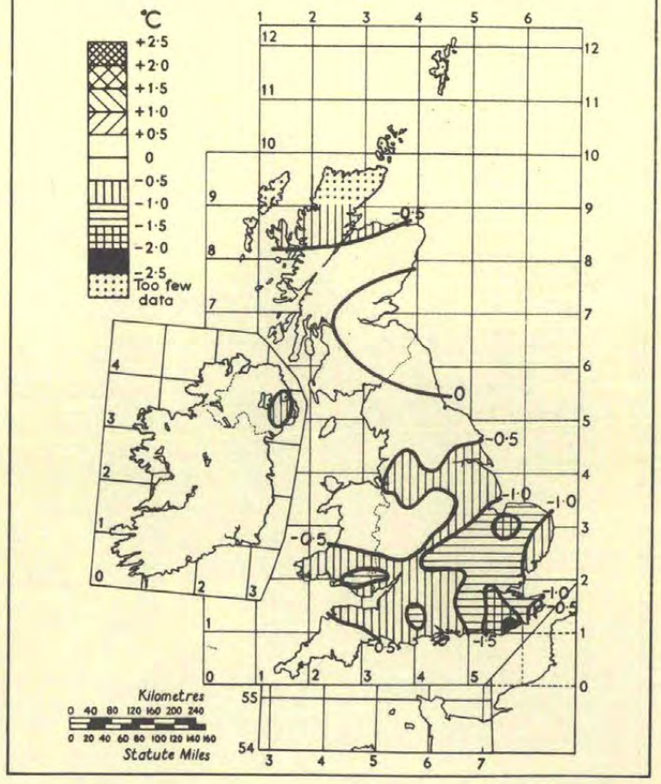
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
OCTOBER
1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

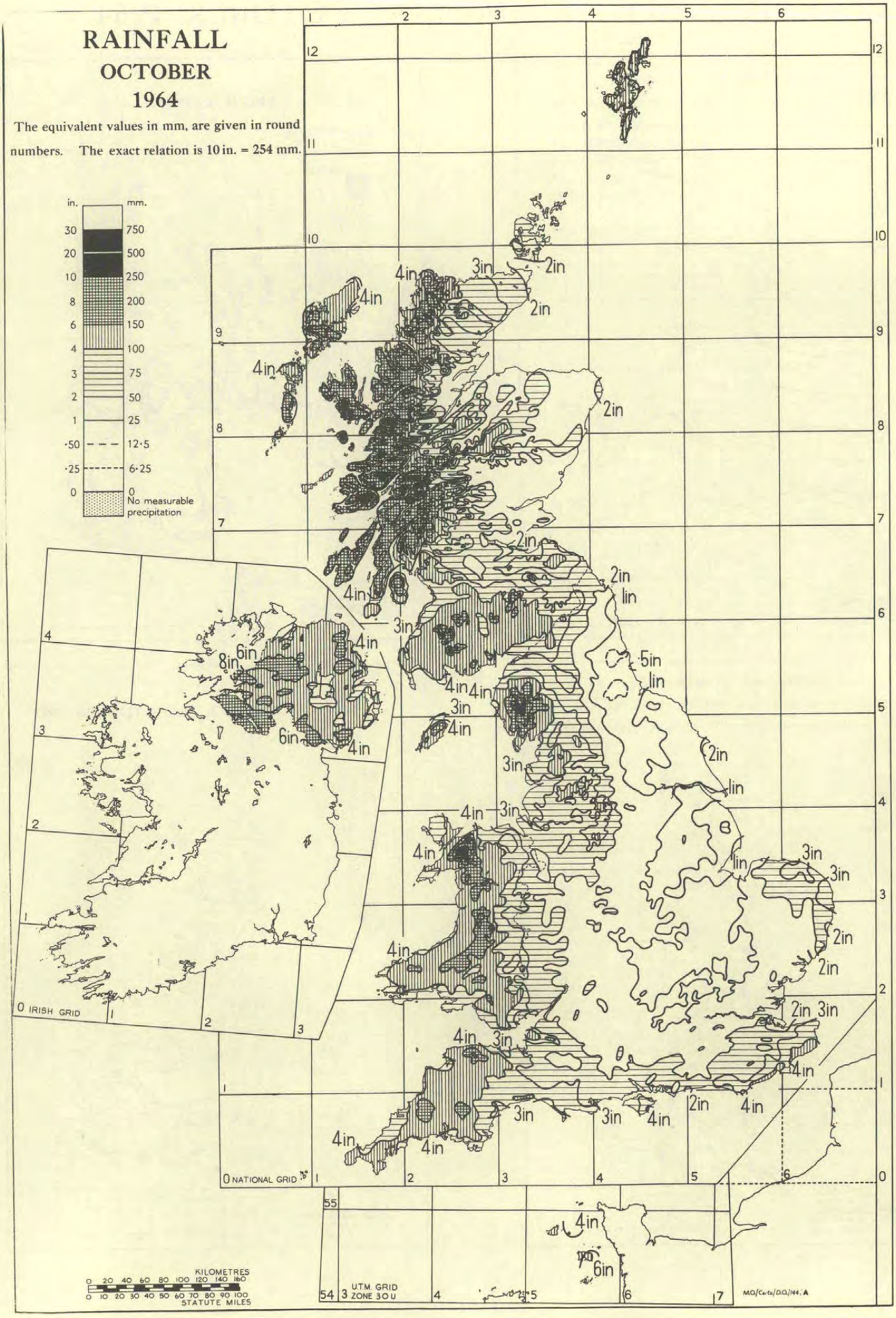


TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: 0·1in. (0·2mm.) or more	0·4in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																													
Zetland	Hamnavoe	9 9	70	10.6	7.5	9.1	-	13.9	2	0.0	25	-	-	3.79	-	.89	11	19	16	2	0	1	0	0	1	0	-	1	2.04	-
	Lerwick Obs'y. ¶§	21-9	269	9.8	6.3	8.1	0.0	12.9	2	-2.2	25	-	-	3.89	83	.82	11	24	19	2	1	0	3	0	1	2	6	2	1.61	75
	Baltasound	9 9	78																											
Orkney	Sule Skerry	9 9	43	11.0	7.9	9.5	-	13.5	1,4	1.6	23	-	-	2.57	-	.55	22	20	15	0	0	0	1	0	0	0	0	1	-	-
	Stenness	9 9	75	11.3	6.2	8.7	-	15.0	5,27	0.6	10,23	9.0	-	2.30	-	.52	22	22	14	0	0	0	2	1	0	0	8	1	2.94	-
	Costa	9 9	115																											
	Kirkwall	21-9	84	10.9	6.2	8.5	-	14.4	27	0.9	24	-	-	2.35	52	.45	22	18	11	2	0	3	0	0	0	0	3	0	2.59	104
Caithness	Dounreay	9 9	70	11.9	5.4	8.7	-	17.2	27	-1.1	10	-	-	2.82	-	.65	22	16	11	1	0	0	1	0	0	1	1	2	-	-
	Wick ¶§	21-9	119	11.1	5.8	8.5	-0.5	15.0	27	-1.0	10	-	-	1.86	60	.52	22	19	12	2	0	0	4	1	0	1	7	0	2.76	105
Sutherland	Cape Wrath	21-9	367	10.9	6.9	8.9	-0.5	16.5	4	0.0	23	-	-	3.52	68	.64	14	24	16	0	0	2	0	1	0	0	1	3	2.56	-
	Achany	9 9	280	11.9	2.1	7.0	-	17.2	4,27	-4.4	10	7.9	9.3	2.80	60	.69	22	22	15	4	1	2	0	0	0	5	25	0	-	-
	Strathy	9 9	120	12.0	4.2	8.1	-0.5	17.2	4,27	-1.7	10	-	-	3.32	69	.72	22	22	14	2	0	1	0	0	0	2	-	0	2.36	100 S
Ross & Cromarty	Stornoway ¶§	21-9	11	11.7	5.5	8.6	-0.8	15.1	4	-0.6	10	-	-	3.83	87	.95	7	23	18	2	0	0	3	0	0	2	11	0	2.62	107
	Balmacara	9 9	2	12.5	6.1	9.3	-	19.4	4	1.1	24	-	-	4.61	-	1.05	6	19	17	-	0	-	-	-	-	0	-	-		
	Poolewe	9 9	20	12.7	6.4	9.5	-	19.4	4	0.0	11	-	-	5.63	-	1.29	19	18	17	-	-	-	-	-	-	0	4	-	2.48	-
	Inverpolly	9 9	45	12.8	5.3	9.1	-	19.4	4	-0.6	10	10.0	-	6.00	-	1.00	7	20	18	1	1	2	0	0	-	1	12	0	-	-
	Achnashellach	9 9	220	12.0	3.8	7.9	-0.8	19.4	4	-1.1	12	-	-	5.93	65	.92	6	21	16	2	0	0	0	0	0	1	-	0	-	-
	Kinlochewe	9 9	76	12.6	5.1	8.9	-	20.6	4	-1.1	10,11	9.4	-	6.26	-	1.07	22	20	17	2	0	2	0	1	0	2	13	1	1.99	- S
	Blackbridge	9 9	690																											
	Fortrose ¶§	9 9	15	11.6	6.6	9.1	-0.6	16.7	3	1.1	24	-	-	1.77	63	.27	7	16	12	-	0	-	-	-	0	0	-	-	2.98	108
	Tarbatness	21-9	60	1.6	7.2		-	16.0	5	1.5	13	-	-	1.99	-	.35	22	19	13	1	0	1	0	0	1	0	-	0	-	-
Inverness	Benbecula	21-9	19	11.9	6.9	9.4	-0.4	15.0	1,2	1.6	11	-	-	4.93	96	.70	19	25	21	1	0	0	2	0	0	0	9	2	2.24	-
	Isle of Rhum	9 9	15	12.2	6.1	9.1	-	16.1	1,4	-0.6	13	10.1	11.4	9.39	-	1.63	25	23	22	1	0	1	2	2	0	1	8	5	-	-
	Prabost	9 9	220	11.4	6.2	8.8	-	16.7	4	1.1	23,24	-	-	6.88	-	1.69	19	25	20	1	0	1	2	1	1	0	14	3	2.53	-
	Duntulm	9 9	294	11.4	6.8	9.1	-0.3	17.8	4	1.7	23	-	-	4.70	78	1.35	19	20	16	0	0	2	0	0	0	0	1	0	2.37	106 S
	Onich ¶§	9 9	48	11.6	5.6	8.6	-0.9	16.7	4	-1.1	13	-	-	6.20	68	1.60	6	20	17	1	0	0	0	0	0	2	12	0	2.40	116 S
	Fort William	9 9	27	12.2	4.8	8.5	-	17.8	4	-0.6	24	9.4	10.9	4.29	-	1.25	6	18	15	1	0	1	0	1	1	3	10	0	2.31	- S
	Fort Augustus	9 9	70	11.8	4.5	8.1	-0.7	17.8	4	-1.1	10	-	-	2.37	-	.58	22	17	10	0	0	0	0	0	3	1	-	0	2.53	-
	Cannich	9 9	350	11.7	1.6	6.7	-	16.7	4,19	-5.0	10	-	-	1.88	36	.59	22	16	7	1	3	0	0	0	0	11	23	0	-	-
	Inverness	9 9	13	12.6	4.9	8.7	-	17.8	3,27	-1.1	10	-	-	1.81	-	.34	22	13	11	1	0	0	0	0	0	1	10	0	3.19	-
	Coire Cas Shieling	9 9	2500	8.4	2.3	5.3	-	16.1	4	-4.4	24	-	-	3.29	-	.80	7	20	14	6	3	0	0	0	0	8	-	0	-	-
	Cairngorm	9 9	3575	5.8	0.6	3.2	-	13.3	4	-6.1	23,24	-	-	4.89	-	-	-	(21)	(15)	-	-	-	-	-	-	12	-	-	-	- S
	Achnagoichan	9 9	1000	10.6	2.1	6.3	-	16.1	4	-5.0	10	7.6	-	1.66	-	.28	20,25	15	12	1	-	0	0	0	-	11	21	0	-	-
	Glenmore Lodge	9 9	1120	10.6	1.1	5.9	-	17.7	4	-4.5	10	-	-	2.57	-	.50	7	17	12	3	2	0	0	0	0	14	24	0	2.74	- S
1	SCOTLAND, E.																													
Nairn	Nairn ¶§	9 9	20	12.7	4.1	8.4	-0.8	17.2	5,27	0.0	10	-	-	1.90	70	.29	19	12	0	0	0	0	0	0	0	0	9	0	2.60	87
Moray	Forres	9 9	155	11.9	3.8	7.9	-	18.3	4,27	-2.2	10	8.8	10.1	1.64	61	.22	22	16	11	1	0	1	0	0	0	2	5	0	3.18	106
	Kinloss	21-9	15	12.6	4.6	8.6	-	19.0	4	-1.9	10	9.1	-			.25	22			2	0	0	3	0	0	1	13	1	3.03	-
	Elgin	9 9	92	12.7	4.9	8.8	-	18.9	5	0.0	10,14	-	-	1.59	-	.32	22	16	12	1	0	0	0	0	0	0	8	0	2.98	-
	Lossiemouth	9 9	21	12.4	3.6	8.0	-1.1	18.3	5	-1.1	13	-	-	1.78	-	.41	22	15	12	1	0	0	3	0	1	4	13	0	-	-
	Gordon Castle	9 9	104	12.6	5.0	8.8	0.4	19.4	5	0.0	10,14	-	-	2.04	65	.33	7	16	11	0	0	1	0	0	-	0	-	0	3.05	106
Banff	Banff	9 9	80	11.9	5.3	8.6	-	17.8	5	0.6	10,14	-	-	1.55	-	.25	22	14	11	1	0	3	0	0	0	0	-	1	3.38	-
Aberdeen	Braemar	9 9	1113	10.3	1.7	6.0	-1.0	15.0	19	-6.1	10	-	-	1.51	37	.45	6	15	8	-	0	-	-	-	0	10	-	-	2.19	- S
	Balmoral	9 9	927	10.6	1.7	6.1	-1.1	15.0	19,27	-5.6	10	-	-	1.60	43	.26	7,25	17	12	2	2	0	0	0	-	11	20	0	-	-
	Dinnet	9 9	580																											
	Huntly	9 9	405	11.9	3.4	7.7	-	18.5	5	-3.3	10	-	-	1.96	-	.42	22	20	11	1	0	1	0	0	1	5	13	0	-	-
	Fyvie Castle	9 9	218	11.7	3.3	7.5	-	17.8	5	-3.9	10	-	-	1.65	-	.40	23	18	15	0	0	1	0	0	-	5	15	0	2.65	- S
	Craibstone ¶§	9 9	300	11.0	5.3	8.1	-0.6	16.7	5	0.6	10,24	8.9	10.1	1.61	45	.33	11	19	10	2	1	0	1	0	0	0	6	0	2.63	84
	Dyce	21-9	190	11.8	4.6	8.2	-0.6	16.8	6	-1.6	10	-	-	1.37	37	.33	11	16	9	2	0	0	1	0	1	4	12	0	2.44	-
	Aberdeen	9 9	170	11.2	5.2	8.2	-0.7	16.1	6	0.0	10	-	-	2.02	-	.58	11	18	14	1	0	1	0	0	1	1	4	0	2.77	-
	Hilton	9 9	230	11.3	5.9	8.6	-	16.1	5,6	0.6	24	9.2	-	1.76	-	.53	11	18	10	2	0	1	1	0	1	0	7	0	-	-
	Udny	9 9	352	11.3	4.7	8.0	-	16.7	5	-0.6	10	-	-	1.34	-	.27	11	16	12	3	0	1	0	0	1	1	13	1	3.04	-
	Rattray Head	21-9	85	11.1	6.5	8.8	-0.2	17.0	6	2.0	23,24	-	-	2.03	68	.30	10	16	11	2	0	0	0	0	1	0	-	2	2.74	-
Kincardine	Fettercairn	9 9	560	10.5	4.8	7.7	-	14.4	2	0.6	24	-	-	2.18	-	.38	7	16	15	1	0	0	0	0	3	1	13	0	1.57	- S
	Strachan	9 9	395	11.4	3.3	7.3	-	17.2	5	-4.4	10	8.6	-	1.72	-	.30	22	14	12	2	1	0	0	0	2	8	17	0	2.53	-
	Stonehaven	9 9	12	11.6	5.3	8.5	-1.1	15.0	6,27	0.6	24	-	-	2.30	71	.51	11	20	15	1	0	1	0	0	0	0	-	0	2.57	88
	Muchalls	9 9	210	11.4	5.9	8.7	-	15.0	27	0.6	23,24,25	-	-	2.08	-	.65	11	19	13	2	0	1	0	0	1	0	4	0	-	-
Angus	Mylnefield	9 9	100	11.3	4.6	7.9	-	15.6	1	-0.6	10,12	8.7	10.3	1.28	-	.30	15	14	8	0	0	0	0	0	0	2	11	0	2.40	-
	Auchterhouse	9 9	760	10.6	3.7	7.1	-	16.1	1	-1.1	24	8.7	9.5	1.51	-	.37	6	16	12	1	0	0	1	0	2	3	14	0	2.18	-
	Dundee ¶	9 9	147	11.6	5.6	8.6	-0.5	15.6	1	0.0	24	9.4	-	1.44	44	.28	15	14	11	0	0	0	0	0	-	0	14	0	2.20	-
	Glamis Castle	9 9	200	11.2	3.3	7.3	-	16.7	1	-3.3	10	-	-	1.38	-	.34	6	16	11	1	0	0	0	0	1	6	15	1	-	-
	Whitehillocks	9 9	845	11.0	2.9	6.9	-	17.2	5	-2.8	10	-	-	1.43	-	.46	6	17	10	3	0	0	0	0	0	8	18	0	-	- S
	Buddon Ness	9 9	15	11.7	4.7	8.2	-0.9	15.0	4,19	-1.7	15	-	-	1.12	38	.20	15	16	10	0	-	0	0	0	1	3	-	0	-	-
	Carnoustie	9 9	29	11.7	5.8	8.7	-	15.0	1,4,20	0.6	(24),25	10.3	-	1.18	39	.20	6	14	10	0	0	0	0	0	1	0	10	0	2.41	-
	Arbroath §	9 9	95	11.2	6.1	8.7	-0.6	14.4	19	1.1	10,23,25	-	-	1.19	41	.20	6	18	12	0	0	0	0	0	2	0	5	0	2.41	73
	Montrose	9 9	186	11.6	5.4	8.5	-	15.0	1,4,27	0.0	25	-	-	1.65	53	.40	13	19	13	1	0	1	0	0	1	1	7	0	-	-
Perth	Dall	9 9	720	10.3	2.3	6.3	-	15.6	19	-3.3	10	-	-	1.74	-	(.61)	6	10	8	2	0	0	0	0	1	4	-	0	-	-
	Strathyre	9 9	425	10.9	1.9	6.4	-	15.6	1	-2.2	10,12,13	8.7	9.8	3.46	-	1.44	6	13	11	0	0	0	0	0	1	8	15	0	-	-
	Callander	9 9	230																											
	Ardtalnaig	9 9	427	11.0	4.5	7.7	-	16.7	1	-0.6	10	-	-	1.95	-	.74	6	14	10	0	0	1	0	0	0	1	9	0	-	-
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	2.16	-	.49	6	13	9	-	-	-	-	-	-	-	-	-	2.12	- S
	Pitlochry	9 9	473	11.1	3.3	7.2	-	15.0	1,19	-3.3	10	-	-	1.40	-	.32	5	16	11	1	0	0	0	0	1	5	14	0	1.90	-
	Faskally	9 9	310	11.6	3.7	7.7	-	17.2	1	-2.2	10	9.2	11.0	1.20	-	.36	5	12	7	2	0	0	1	0	0	3	16	0	-	-
	Dunning	9 9	250	11.3	4.0	7.7	-	16.7	1	-0.6	10	-	-	2.06	-	.70	6	14	9	-	-	-	-	-	0	1	20	-	2.63	-
	Perth	9 9	77	11.8	4.2	8.0	-1.1	16.1	1	-1.1	12	-	-	1.45	44	.36	5	14	10	0	0	0	0	0	3	2	11	0	2.42	89
	Inveralmond	9 9	26	12.0	3.7	7.9	-	17.2	1	-1.7	12	-	-	1.35	-	.35	5	14	8	0	0	0	0	0	-	3	11	0	-	-
	Blairgowrie	9 9	230	11.2	3.8	7.5	-	17.8	1	-1.1	9,12,25	8.8	-	1.65	-	.34	13	14	9	0	-	0	0	0	-	6	13	0	2.28	-
	Glenshee Lodge	9 9	1100	9.9	1.8	5.9	-	15.0	1	-3.3	9,10	7.3	-	1.62	-	.30	6	17	9	2	0	0	0	0	1	10	17	1	-	-
Fife	Pitreavie	9 9	130	11.9	5.3	8.6	-	16.5	1	-0.6	24	-	-	1.59	-	.36	5	13	10	0	0	0	0	0	3	1	8	0	-	-
	Ballingry	9 9	425	11.1	4.6	7.9	-	15.6	1	0.0	12	9.2	10.3	1.61	-	.38	7	16	11	0	0	0	0	0	5	0	13	0	2.84	-
	Kirkcaldy	9 9	137	11.9	5.	8.5	-0.8	16.1	1,19	0.0	25	-	-	1.71	58	.45	7	13	11	0	0	0	0	0	0	0	5	0	2.45	-
	Cupar	9 9	82																											
	Leuchars	21-9	35	11.8	4.6	8.2	-1.3	16.7	19	-1.1	10	-	-	1.29	46	.25	15	14	12	0	0	0	0	0	1	2	12	0	2.66	82
	St. Andrews	9 9	13	11.8	4.6	8.2	-1.2	16.7	19	0.0	15	9.9	11.1	1.28	44	.26	15	15	11	-	0	-	-	-	0	0	11	-	2.56	80

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Max. Min. Terminal Hours of Observation	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	10.8	4.0	7.4	-	16.1	5	-2.8	24	-	-	2.72	-	.79	6	13	10	-	-	-	-	-	-	3	12	-	-	-
	Turnhouse ...	21-9	114	12.0	4.3	8.1	-1.2	16.5	19	-1.8	10	-	-	1.77	64	.39	11	13	9	0	0	0	0	0	1	5	16	0	2.23	-
	Edinburgh—E. Craigs	9 9	200	11.6	4.6	8.1	-	16.1	19	-0.6	10	-	-	2.08	-	.48	11	12	9	0	0	0	0	0	1	3	13	0	2.28	-
	Davidson's Mains	9 9	200	11.6	4.9	8.3	-1.0	16.7	19	-0.6	15	8.7	-	2.24	-	.63	10	13	10	0	0	1	1	0	0	1	13	0	2.49	-
	Penicuik	9 9	620	10.9	3.7	7.3	-	16.1	4,5	-1.7	10	8.7	-	3.54	-	1.21	6	13	11	1	0	0	0	0	2	3	11	0	2.09	-
	Bush House ...	9 9	605																											
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	11.9	6.1	9.0	-0.5	16.7	4	-1.1	10	-	-	2.37	84	.62	11	10	9	0	0	0	0	0	0	1	5	3	2.59	84
	Liberton ...	9 9	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Royal Bot. Gdns.	9 9	74	12.1	4.6	8.3	-1.3	17.2	4,19	-0.6	10	9.3	-	1.80	-	.46	10	12	9	0	0	0	0	0	2	2	15	0	2.29	81
E. Lothian	Haddington ...	9 9	162	12.0	4.7	8.3	-	16.7	4,19	-1.7	10	-	-	3.11	-	1.20	10	13	8	0	0	0	0	0	0	2	9	0	2.48	- S
	North Berwick ...	9 9	152	12.3	6.4	9.3	-0.3	17.2	5,6	2.8	23	-	-	2.98	112	(1.16)	10	10	9	-	0	-	-	-	1	-	-	-	2.35	85
	Dunbar ...	9 9	75	12.0	6.4	9.2	-0.6	17.2	5,19	1.7	10,24	-	-	2.56	-	1.15	10	12	9	0	0	0	0	0	0	0	2	0	2.90	91
Berwick	Mertoun ...	9 9	225	11.9	3.7	7.8	-	16.1	4	-2.8	10	-	-	2.73	-	.92	10	16	10	-	-	-	-	-	-	5	16	-	2.57	-
	Lauder	9 9	600	11.2	3.2	7.2	-	15.0	19	-2.2	10	-	-	2.76	-	1.04	10	13	9	1	0	0	0	0	1	6	18	0	2.36	-
	Marchmont ¶§	9 9	498	10.9	4.7	7.8	-0.9	15.6	5	0.0	10,24,25	-	-	3.03	93	1.20	10	13	8	0	0	0	0	0	0	0	-	0	2.05	83 S
	Whitchester ...	9 9	838	10.8	4.0	7.4	-	14.4	5	-2.2	10	-	-	3.42	-	1.57	10	16	7	3	-	1	0	1	-	2	-	0	-	-
	St. Abb's Head ...	9 9	245	11.3	7.4	9.3	-	16.2	19	2.5	25	-	-	-	-	-	-	-	-	0	0	1	0	1	0	0	0	3	-	-
Peebles	Stanhope Farm	9 9	741	10.9	3.6	7.3	-	16.1	3,4	-2.2	13,24,29	-	-	3.59	-	1.71	6	15	11	1	0	0	0	0	2	6	13	0	-	-
	Blyth Bridge ...	9 9	830	10.3	3.9	7.1	-	15.6	4	-1.7	24	-	-	2.37	-	.95	6	14	9	1	0	0	0	0	2	4	14	0	2.29	-
	West Linton ...	9 9	800	10.6	3.2	6.9	-	15.6	4	-2.2	24	7.8	10.2	3.32	-	1.51	6	14	9	0	0	0	0	0	3	6	10	0	-	-
	Glentress ...	9 9	580	11.4	2.7	7.1	-	16.1	4	-3.9	24	-	-	2.08	-	.60	10	10	9	1	0	0	0	0	1	7	-	0	-	-
Selkirk	Bowhill ...	9 9	600	10.8	4.0	7.4	-	15.6	4	-2.2	10	-	-	2.90	-	.96	10	12	7	0	0	0	0	0	2	3	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	11.3	3.8	7.5	-	15.6	4,5	-2.8	10,24	-	-	2.83	-	1.26	6	9	8	-	0	-	-	-	0	6	-	-	-	-
	Sourhope ...	9 9	900	10.7	4.5	7.6	-	17.8	5	-1.7	24	-	-	3.38	-	1.83	11	15	7	-	0	-	-	-	0	1	15	-	1.91	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	12.0	7.7	9.9	-0.5	15.4	1	2.0	23	-	-	5.37	105	.97	6	22	19	0	0	0	2	0	0	0	6	2	2.61	98
	Rhuvaal	21-9	65	12.0	8.2	10.1	-	15.2	2	2.6	23	-	-	5.55	-	1.09	5	20	18	0	0	2	0	0	0	0	0	2	-	-
	Colonsay ...	9 9	87	12.3	6.6	9.5	-0.7	15.6	1,2	2.2	9,11,12	-	-	6.15	97	1.29	6	22	18	0	-	2	0	0	0	0	-	0	-	-
	Tobermory ...	9 9	270																											
	Craighouse ...	9 9	10	12.6	7.4	10.0	-	16.7	1	2.2	22	-	-	7.24	-	1.20	5	20	15	-	0	-	-	-	0	0	0	-	-	-
	Campbeltown ...	9 9	10	12.9	6.7	9.8	-	16.1	2	1.1	26	-	-	3.36	-	.80	6	14	10	0	0	1	0	0	6	0	-	0	2.25	-
	Achaglachgach ...	9 9	40	12.4	4.8	8.6	-	17.8	1	-1.1	9	-	-	6.71	-	1.18	5	21	21	1	-	2	0	0	0	3	23	0	-	-
	Oban	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lephinmore ...	9 9	30	11.8	6.1	8.9	-	16.7	1	0.6	24	-	-	5.60	-	1.46	6	17	14	1	0	2	0	0	1	0	12	0	2.19	- S
	Glenbranter ...	9 9	120	11.1	3.9	7.5	-1.3	15.6	1	-1.1	12,24	-	-	5.72	52	1.34	6	18	14	-	0	-	-	-	1	5	10	-	-	-
	Benmore																													
	Forestry Sch.	9 9	46	11.5	4.1	7.8	-1.6	16.1	1	-1.7	24	8.9	10.6	6.62	61	1.50	6	17	14	0	0	0	0	0	6	2	14	0	-	-
	Younger Bot. Gdns.	9 9	40	11.4	5.1	8.3	-	16.1	1	-1.1	24	-	-	6.61	-	1.58	6	17	14	1	0	0	0	0	2	1	10	0	-	-
Bute	Rothesay ¶§	9 9	150	11.9	6.7	9.3	-0.3	15.6	1,3,4	0.6	24	9.2	10.6	4.84	73	1.11	5	19	13	0	0	0	0	2	0	0	6	0	-	-
	Millport ...	9 9	16	12.2	7.6	9.9	-	17.2	4	2.2	24	-	-	4.25	82	.78	6	15	15	0	0	1	0	0	0	0	-	1	-	-
Dunbarton	Helensburgh ...	9 9	293	11.4	5.3	8.3	-0.8	16.1	1	-1.1	24	-	-	3.98	60	.90	6	16	11	0	0	0	0	0	1	1	-	0	-	-
	Cumbernauld ...	9 9	310	11.3	3.7	7.5	-	16.1	1	-1.7	24	-	-	2.16	-	.52	5	18	11	0	0	0	0	0	2	2	10	0	-	-
Stirling	Earls Hill ...	9 9	1100	9.2	4.0	6.6	-	14.0	1	-3.0	24	-	-	3.52	-	1.31	6	17	12	-	-	-	-	-	2	2	7	-	2.42	-
	Stirling	9 9	151	11.7	5.3	8.5	-0.9	17.8	1	0.0	13	9.3	11.8	2.25	54	.74	6	14	9	0	0	0	0	0	5	0	6	0	2.45	-
	Falkirk	9 9	100	11.7	4.8	8.3	-1.1	15.6	1,3,4	-0.6	12	-	-	1.82	-	(.50)	6	12	10	-	-	-	-	-	-	1	-	-	-	-
Renfrew	Greenock ...	9 9	200	11.5	6.5	9.0	-0.8	15.0	3	1.7	24	-	-	3.95	53	1.35	6	16	12	0	0	0	0	0	3	0	10	0	2.60	-
	Paisley	9 9	106	11.8	5.7	8.7	-1.1	16.1	1,3	0.6	24	9.9	11.2	2.65	52	.76	6	16	9	0	0	0	0	0	9	0	4	0	2.39	103
	Barrhead ...	9 9	97	11.9	4.3	8.1	-	17.2	1	-0.6	13	-	-	2.69	-	1.08	6	13	10	0	0	0	0	0	3	1	11	0	-	-
	Renfrew . ¶§	21-9	26	12.2	4.9	8.5	-1.0	16.5	1	-1.4	24	-	-	2.27	48	.64	6	14	7	0	0	0	0	0	4	3	11	0	2.28	97
Lanark	Crossmyloof ...	9 9	75																											
	Thorntonhall ...	9 9	453	11.3	4.7	8.0	-	16.1	1,4	-1.1	24	-	-	2.72	-	1.20	6	15	8	0	0	0	0	0	-	2	16	0	-	-
	Glasgow, Springburn	9 9	351	11.3	5.1	8.2	-0.6	15.6	1	0.0	24	-	-	2.55	57	.62	6	15	11	0	0	0	0	0	6	0	7	0	2.21	101
	Coatbridge ...	9 9	256																											
	Happendon Station	21-9	675	10.6	2.5	6.5	-	15.4	4	-3.8	29	8.3	-	3.30	-	1.42	6	13	10	0	0	1	0	1	1	7	19	0	2.35	-
	Lowther Hill ...	21-9	2377	6.8	1.6	4.2	-	12.7	19	-7.0	24	-	-	-	-	-	-	-	-	5	-	0	0	0	22	8	-	5	1.88	-
	Leadhills ...	9 9	1270	9.6	3.6	6.6	-	14.4	4	-2.8	24	-	-	4.58	-	1.81	6	18	14	0	0	0	0	0	2	5	7	0	-	-
	Carnwath ...	9 9	706	10.7	3.1	6.9	-	16.7	4	-3.3	13,	-	-	2.59	-	1.11	6	16	9	1	0	0	0	1	3	10	19	0	-	-
	Camps Reservoir	9 9	969	9.7	3.0	6.3	-	14.4	4	-1.7	24	-	-	4.88	-	2.22	6	17	12	0	0	0	0	0	4	4	-	0	2.18	-
Ayr	Turnberry ...	9 9	25	12.4	6.1	9.3	-0.9	17.2	4	1.1	(12),13	-	-	3.22	-	.73	6	13	11	0	0	0	0	0	0	0	-	0	2.16	-
	Largs	9 9	20	12.4	6.4	9.4	-0.8	16.7	4	0.6	24	-	-	4.17	-	(1.00)	13	13	13	0	0	0	0	0	0	0	3	0	3.05	-
	Barr	9 9	400	12.2	4.4	8.3	-	16.7	2	-2.8	23	-	-	5.26	-	1.65	6	17	13	0	0	1	0	1	1	3	-	0	-	-
	Auchincruive ...	9 9	147	12.0	5.3	8.7	-0.9	16.7	2,4	0.0	13,24	9.9	11.1	3.61	80	.68	6	14	12	0	0	1	1	1	0	0	9	0	2.38	93
	Prestwick Airport	21-9	51	12.2	5.7	8.9	-	16.8	4	0.0	12	-	-	2.87	68	.67	6	14	11	0	0	1	0	0	0	0	6	0	2.38	-
	Kilmarnock ...	9 9	115	12.1	5.7	8.9	-0.6	16.7	4	-0.6	24	9.6	11.6	3.53	-	.75	6	14	13	0	0	0	0	0	2	1	6	0	2.16	85
Dumfries	Dalmacallan ...	9 9	480	10.7	4.1	7.4	-	14.4	3,4	-1.1	13	-	-	4.32	-	1.90	6	17	12	0	0	0	0	0	5	1	13	0	-	-
	Dumfries ¶§	9 9	140	11.4	4.7	8.1	-1.2	16.1	4	-1.1	13,24	10.3	11.5	4.61	100	1.87	6	13	11	0	-	0	0	0	0	2	14	1	2.54	94
	Eskdalemuir Obs'y. ¶§	21-9	794	10.4	3.8	7.1	-0.8	16.0	4	-4.0	13	10.2	10.9	5.15	79	2.47	6	15	11	1	0	1	0	0	0	6	12	1	2.42	96
Kirkcudbright	Bargrennan ...	9 9	360	11.6	4.8	8.2	-	16.1	4	-1.7	12	-	-	5.19	-	1.25	6	18	14	0	0	0	0	0	1	2	16	0	-	-
	Palnure	9 9	50	11.8	4.4	8.1	-	16.1	3,4	-1.7	13	-	-	5.43	-	1.21	6	18	13	0	0	0	0	0	6	2	6	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	5.71	-	1.88	6	19	13	-	-	-	-	-	-	-	-	-	1.99	-
	Glenlee	9 9	181	11.9	3.7	7.8	-1.1	16.1	19	-2.2	13	-	-	4.71	-	1.70	6	17	13	0	0	0	0	0	1	4	8	0	-	-
	Dundeugh ...	9 9	390	11.1	3.2	7.1	-	15.6	3,4	-2.2	12	9.7	-	5.14	-	2.09	6	20	14	1	0	0	0	0	1	5	-	0	-	-
	Glenlochar Barrage	9 9	154	11.4	4.7	8.1	-	15.6	3,4	0.0	13	-	-	5.27	-	2.12	6	21	14	-	0	-	-	-	1	0	-	-	-	-
	Threave ...	9 9	240	11.4	4.7	8.1	-	16.1	4	-1.7	13	-	-	5.05	-	1.89	6	18	13	0	0	0	0	0	1	1	11	0	-	-
	Castle Douglas ...	9 9	196	11.4	3.8	7.6	-	16.1	4	-2.8	13	9.1	-	4.31	-	1.98	6	16	10	-	0	-	-	-	1	0	15	-	2.22	-
Wigtown	West Freugh ...	21-9	50	12.0	5.5	8.7	-	15.8	1	-0.2	12,13	-	-	4.37	98	1.04	5	19	15	-	-	-	-	-	-	2	-	-	1.90	-
	Penwhirn ...	9 9	546	10.9	5.2	8.1	-	14.4	2	0.6	13,24	-	-	5.43	-	1.26	6	16	14	0	0	0	0	0	5	0	8	0	1.51	-
	Mull of Galloway	21-9	257	11.8	8.5	10.1	-	15.6	1	2.6	23,24	-	-	-	-	-	-	-	-	2	0	0	0	2	0	0	-	3	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	12.5	7.5	10.0	-	17.1	1	1.2	13	-	-	3.98	104	1.07	6	17	13	2	0	2	1	1	0	0	3	3	2.54	-
	Douglas	9 9	284	11.8	7.6	9.7	+0.8	15.6	1	2.2	24	-	-	4.95	98	1.41	6	17	16	0	0	2	0	1	0	0	2	0	2.28	70
	Point of Ayre ...	21-9	30	12.7	8.3	10.5	-	16.0	1,19	4.0	13	-	-			.96	5			0	0	0	0	1	0	0	-	0		
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	10.8	3.1	6.9	-	15.6	5	-2.8	10,13	9.8	-	3.34	67	1.95	6	17	10	1	0	0	0	0	7	7	15	0	-	-
	Bellingham ...	9 9	849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n: 0·1in. (0·2mm.) or more	0·4in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corbridge ...	9 9	160	12.3	3.5	7.9	-	17.2	5	-2.8	10	-	-	.70	-	.39	5	12	5	0	0	0	0	0	3	7	11	0	-	-
	Berwick-on-Tweed	9 9	76	11.4	5.9	8.7	-0.8	16.1	19	0.0	10	-	-	2.15	89	.97	11	18	9	0	0	2	0	0	0	1	2	0	2.51	77
	Cockle Park ¶§	9 9	326	11.7	5.3	8.5	-0.5	16.1	5,19	0.0	24	9.2	-	1.02	38	.25	5	13	8	0	0	0	0	0	1	1	5	0	2.22	72
	Acklington ...	21-9	138	11.9	5.6	8.7	-	16.5	19	-0.2	10	-	-	.93	-	.22	15	13	5	1	0	0	1	0	1	1	4	0	2.66	-
	Tynemouth ...	21-9	95	11.8	7.2	9.5	-0.9	16.7	19	1.0	24	-	-	.64	26	.20	5	11	6	0	0	0	0	1	1	0	3	0	3.33	112
Durham	Chopwellwood ...	9 9	446	12.0	4.9	8.5	-0.7	18.3	5	-1.1	10,24	-	-	.66	24	.20	5	11	4	0	0	0	0	0	1	2	11	0	-	- S
	Ushaw College ...	9 9	594	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Houghall ...	9 9	123	12.6	3.5	8.1	-1.2	17.2	5,19	-2.8	10,13	-	-	1.63	62	1.01	10	12	6	0	0	1	0	1	3	7	13	0	3.09	106
	Durham ¶§	9 9	336	12.5	4.6	8.5	-0.9	16.7	5,6,19	-1.1	10	10.1	11.8	1.44	60	.77	10	12	7	-	0	-	-	-	r	1	12	-	3.05	101
	Gateshead ...	9 9	509	11.7	5.8	8.7	-	16.1	19	0.0	24	-	-	.42	-	.12	5	13	4	-	0	-	-	-	2	1	2	-	2.77	-
	Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	West Hartlepool	9 9	30	12.4	6.2	9.3	-	17.2	19	1.1	13	-	-	.51	-	.11	20	11	5	0	0	0	0	1	2	0	3	0	2.94	-
Yorks.,	Dishforth ...	21-9	105	12.7	4.9	8.8	-	17.3	1	-1.5	13	-	-	.69	29	.19	5	10	5	0	0	0	0	0	6	3	9	0	3.52	-
N. Riding	Thirsk	9 9	111	12.5	3.7	8.1	-	16.7	3	-3.3	11	-	-	.68	-	.17	5,15	9	6	1	0	0	0	0	4	7	14	0	-	-
	York ... ¶§	9 9	57	12.6	4.5	8.5	-1.7	17.2	1,3,4	-2.2	11	10.0	12.4	.75	34	.25	5	9	6	0	0	0	0	1	6	3	-	0	3.82	135
	Ampleforth ...	9 9	313	12.1	4.9	8.5	-1.0	17.8	1	0.0	11,24	-	-	.96	35	.16	6	11	9	1	-	0	0	0	8	2	11	0	-	-
	Redcar	9 9	25	12.7	5.8	9.3	-	17.8	4,19	1.7	13,24	-	-	1.03	45	.26	10	13	8	-	0	-	-	-	1	0	-	-	3.05	-
	Pickering ...	9 9	143	12.3	2.7	7.5	-	17.2	1,4	-2.6	11	-	-	.86	-	.19	15	16	7	1	0	0	0	0	5	7	14	0	-	-
	Whitby	9 9	135	12.4	4.9	8.7	-	17.8	19	-0.5	11	-	-	1.33	55	.32	15	13	9	0	0	0	1	1	2	2	-	0	3.20	102
	Scarborough ¶§	9 9	118	12.5	6.6	9.5	-1.3	16.7	19	1.7	24	10.7	12.3	1.50	67	.34	5	13	8	0	0	0	0	1	1	0	1	1	3.40	107
	Silpho Moor ...	9 9	665	11.4	3.9	7.7	-	16.1	19	-1.7	11	8.8	-	1.78	-	.42	23	19	11	1	0	1	0	0	5	4	17	0	3.17	-
	Whitby C/Guard	21-9	200	12.0	5.4	8.7	-	17.4	19	-0.2	11	-	-	1.05	-	.36	5	12	7	0	0	0	2	3	2	1	3	3	-	-
Yorks.,	High Mowthorpe	9 9	574	11.3	4.6	7.9	-	15.6	1,3,4	-0.5	24	8.7	-	1.45	41	.50	5	14	7	1		0	0	0	4	1	15	0	4.18	-
E. Riding	Hull	9 9	8	12.9	5.1	9.0	-1.7	17.8	4,6	-0.5	11	9.8	11.8	1.00	42	.35	5	12	9	0	0	0	0	2	3	1	11	1	3.82	126
	Leconfield ...	21-9	24	12.6	4.5	8.5	-	17.5	4	-2.7	11	-	-	1.16	-	.37	5	12	9	2	0	0	0	3	2	2	16	1	3.76	-
	Filey	9 9	122	12.0	4.3	8.1	-	16.7	5,6,19	-1.7	11	-	-	1.19	-	.38	23	11	7	0	0	2	0	1	3	4	6	0	3.58	-
	Bridlington ...	9 9	157	12.2	4.9	8.5	-	17.2	6	0.6	11,24	-	-	2.08	-	.57	23	13	11	0	0	1	0	2	2	0	5	4	3.97	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Navenby ...	9 9	60	13.2	3.7	8.5	-	19.4	4	-3.9	13,28	-	-	.74	-	.24	5	12	7	0	0	1	0	2	5	4	13	0	-	-
	Waddington ...	21-9	224	12.5	5.0	8.7	-1.3	18.6	4	0.2	11	-	-	.86	-	.25	5	10	7	1	0	1	0	2	7	0	5	0	3.98	-
	Lincoln	9 9	22	12.8	1.4	7.1	-	18.9	4	-7.2	13	10.4	11.9	.90	-	.25	6	12	5	0	0	0	0	1	8	13	19	0	3.63	-
	Cranwell ¶§	9 9	205	12.5	4.9	8.7	-1.3	18.6	4	0.0	11	9.7	11.7	.89	41	.28	5	9	7	0	0	0	0	1	5	0	7	0	3.83	116
	Binbrook ...	21-9	353	12.0	4.9	8.5	-	17.1	4	-0.2	24	-	-	1.14	-	.33	5	13	7	1	0	0	0	2	5	1	11	0	-	-
	Cleethorpes ...	9 9	23	12.6	6.1	9.3	-1.3	17.2	6,19	0.6	12	-	-	.99	46	.39	5	9	8	0	0	0	0	0	3	0	-	0	4.14	120
	Manby	21-9	55	12.8	5.0	8.9	-	17.9	6	-1.5	11	-	-	1.75	-	1.03	11	9	7	1	0	0	0	3	3	1	9	0	4.26	-
	Skegness ...	9 9	15	12.3	5.9	9.1	-1.5	17.8	6	0.0	24	-	-	.98	49	.25	11	11	8	0	0	0	0	1	6	1	4	0	3.81	110
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	12.5	4.3	8.4	-	19.4	4,5	-0.5	11	9.6	-	1.04	55	.27	5,11	10	9	0	0	0	0	0	6	2	8	0	3.65	-
	Marham ...	21-9	76	12.5	4.4	8.5	-	20.8	5	-2.5	13	-	-	1.61	-	.48	12	14	10	0	0	0	0	0	6	3	12	0	-	-
	Santon Downham	9 9	80	12.9	1.4	7.1	-	21.7	5	-5.0	28	9.5	11.4	1.56	-	.43	14	14	9	-	0	-	-	-	7	11	22	-	3.53	-
	West Raynham ...	21-9	250	12.0	4.5	8.3	-	20.6	5	-0.4	11	-	-	2.22	-	.50	12	14	12	1	0	0	4	5	6	1	13	0	4.16	-
	Cromer	9 9	178	12.3	6.7	9.5	-1.6	20.6	5	1.7	11	-	-	3.04	111	.49	14	15	13	-	0	-	-	-	0	0	2	-	3.32	93
	Sprowston ¶§	9 9	93	12.2	4.6	8.4	-2.1	20.0	5	0.0	11	10.2	-	2.24	88	.43	14	12	11	0	0	0	0	1	2	0	13	1	3.66	106
	Coltishall ...	21-9	55	12.6	5.3	8.9	-	20.6	5	-1.1	11	-	-	2.81	-	.48	14	16	11	0	0	4	0	5	3	2	6	0	-	-
	Burlingham ...	9 9	89	12.4	5.4	8.9	-	20.0	5	0.0	11	-	-	2.40	98	.60	14	15	10	0	0	0	0	3	2	1	9	1	3.51	-
	Gorleston ¶§	21-9	12	12.3	6.6	9.5	-1.9	17.3	6	2.0	25	11.1	12.7	3.61	149	1.11	23	12	7	0	0	2	0	5	2	0	2		3.90	109
Suffolk	Mildenhall	21-9	15	13.1	4.6	8.9	-1.8	22.4	5	-0.5	28	-	-	1.11	58	.26	5	15	8	0	0	0	0	2	5	1	14	0	4.03	116
	East Bergholt ...	9 9	14	13.7	3.6	8.7	-	21.1	5	-1.1	25,26	-	-	1.31	-	.33	9,14	14	8	0	0	0	0	1	2	4	16	0	-	-
	Wattisham ...	21-9	292	12.4	4.3	8.3	-	19.9	5	-0.3	24	-	-	1.34	-	.38	14	11	10	0	0	0	0	1	4	1	14	0	-	-
	Aldeburgh ...	21-9	15	12.3	7.1	9.7	-	17.3	6	2.0	11	-	-	-	-	-	-	-	-	0	-	0	0	0	1	0	-	0	-	-
	Lowestoft ...	9 9	82	12.9	6.5	9.7	-1.4	18.3	5	1.7	25	10.4	12.2	3.27	141	1.07	14	11	10	1	0	1	0	3	2	0	4	0	3.86	105
Cambridge	Boxworth ...	9 9	157	13.2	4.6	8.9	-	21.7	5	-0.5	18,24	-	-	.53	28	.16	5	11	5	0	0	0	0	0	3	2	14	0	4.02	-
	Cambridge Bot. Gdn. ¶	9 9	41	13.6	4.1	8.9	-1.5	22.2	5	-1.7	13	10.3	12.7	.95	48	.24	14	13	7	0	0	0	0	0	2	2	15	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	13.2	4.6	8.9	-	21.7	5	0.0	13,18	-	-	1.07	56	.29	10	12	8	0	0	0	0	0	5	0	16	0	3.68	109
Huntingdon	Monkswood ...	9 9	103	13.0	3.8	8.4	-	18.9	4	-2.2	13	9.9	-	.60	-	.20	5	8	4	0	0	0	0	0	5	2	14	0	-	-
	Wyton	21-9	129	13.1	4.9	9.0	-	20.9	5	-0.4	13	-	-	.57	-	.16	5	10	5	0	0	0	0	0	5	2	4	0	-	-
Bedford	Woburn	9 9	291	12.5	4.0	8.3	-1.5	20.6	5	-2.8	13	9.9	12.8	.91	40	.19	5	15	8	0	0	0	0	2	3	3	14	0	4.11	126
	Luton	9 9	379	12.4	4.9	8.2	-1.8	20.6	5	0.0	11,24	10.0	-	.95	39	.15	8	13	10	-	0	-	-	-	7	2		-	4.47	140
	Silsoe	9 9	195	12.9	3.7	8.3	-	21.7	5	-2.2	28	10.1	12.1	.84	40	.15	5	14	9	0	0	0	0	1	7	5	16	0	3.72	-
	Cardington ...	21-9	93	13.5	3.9	8.7	-	21.9	5	-4.0	28	10.3	12.7	.89	46	.16	5	12	7	1	0	0	0	4	7	4	15	0	3.46	-
	Letchworth ...	9 9	209	13.7	4.3	9.0	-	22.2	5	-2.2	28	-	-	.83	-	.20	7	14	9	-	-	-	-	-	-	3	5	-	-	-
Hertford	Bovingdon ...	21-9	516	12.4	4.5	8.5	-	20.1	5	1.0	24	-	-	.91	-	.21	6	14	6	0	0	1	0	0	2	12	6	0	-	-
	Garston ...	9 9	256	13.1	4.2	8.7	-	21.1	5	-2.8	13	-	-	.81	-	.15	5,7	13	7	0	0	0	1	0	4	3	15	0	4.31	-
	Rothamsted ¶§	9 9	420	12.5	4.1	8.3	-1.5	20.6	5	-1.1	13	9.9	12.2	.86	33	.18	7	13	7	0	0	0	0	0	6	3	10	0	3.90	122
	St. Albans ...	9 9	272	13.0	4.2	8.6	-1.4	21.1	5	2.8	13	10.3	-	.82	34	.18	5	12	8	0	0	0	0	0	2	3	10	0	4.04	-
	Stanstead Abbotts	9 9	97	13.3	3.2	8.3	-	21.1	5	-3.9	13	11.6	13.7	.84	-	.23	7	13	6	-	0	-	-	-	10	5	18	-	-	-
	Hoddesdon ...	9 9	153	13.5	4.3	8.9	-	21.1	5	-1.7	13	10.4	-	.92	-	.23	7	13	8	0	0	0	0	0	-	2	8	0	4.21	-
	Eastwick Lodge	9 9	137	14.3	3.2	8.7	-	23.3	5	-3.3	13	-	-	.92	40	.18	7	11	9	-	0	-	-	-	3	4	-	-	-	-
Essex	Stansted ...	9 9	331	12.5	4.5	8.5	-	21.1	5	-0.6	18	-	-	.87	-	.25	7	12	8	1	0	0	0	1	3	2	13	0	-	-
	Writtle	9 9	105	13.3	3.6	8.5	-	21.1	5	-2.2	13	9.9	-	1.05	46	.23	7	10	8	0	0	0	0	0	2	3	15	0	4.06	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90	13.4	5.8	9.6	-	19.4	5	1.1	24	-	-	1.33	60	.46	14	13	9	0	0	0	0	2	2	0	0	0	4.40	122
	Maldon	9 9	14	13.2	4.8	9.0	-	18.9	6	0.0	18	-	-	1.37	-	.35	14	13	9	0	-	0	0	0	6	0	-	0	-	-
	Earls Colne ...	9 9	160	13.3	3.9	8.6	-	20.6	5	-1.1	18	10.2	12.9	1.13	46	.33	14	11	9	-	0	-	-	-	4	2	-	-	-	-
	Shoeburyness ¶§	21-9	7	13.2	6.4	9.8	-1.5	18.0	6	1.0	24	-	-	1.26	60	.52	14	11	8	0	0	0	0	2	3	0	8	0	4.12	115
	Clacton-on-Sea ...	9 9	53	12.7	7.1	9.9	-	18.3	6	1.1	24	11.3	13.1	1.49	67	.60	14	11	8	0	0	0	0	0	1	0	2	0	4.20	114
	Walton-on-Naze	21-9	15	12.7	6.9	9.8	-	18.1	6	1.0	24	-	-	1.70	-	.75	14	10	9	0	0	0	0	4	3	0	2	0	4.20	-
	Dovercourt ...	9 9	11	12.7	7.7	10.2	-1.1	18.3	6	2.8	12,13,24	-	-	1.32	-	.64	14	8	7	0	-	0	0	3	4	0	7	0	-	-
4	MIDLAND COUNTIES																													
Yorks.,	Slaidburn ...	9 9	629	11.4	4.7	8.1	-	15.6	5	-2.2	24	-	-	4.40	-	1.10	6	14	10	0	0	1	0	0	3	2	5	0	3.09	-
W. Riding	Malham Tarn ...	9 9	1297	9.4	4.1	6.7	-	12.8	3,4,5	-3.3	24	9.1	-	3.34	50	.71	5	13	9	3	0	1	0	0	1	1	14	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Max. Min. Terminal Hours of Observation	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip n .01in.(0·2mm.) or more	.04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	12.6	5.2	8.9	-0.7	16.7	3,19	-0.6	13	9.8	11.8	2.28	-	.54	7	11	9	-	0	-	-	-	7	1	10	-	3.17	128
	" Oakes	21-9	761	11.6	5.3	8.5	-1.0	16.0	3	-1.0	24	9.2	10.3	2.44	63	.49	7	15	9	0	0	1	0	0	4	1	6	1	3.13	114
	Bradford ¶	9 9	439	11.6	5.2	8.4	-1.1	15.6	3,6	0.0	13	9.6	11.9	1.86	57	.44	7	12	7	0	0	0	0	0	5	0	10	0	-	-
	Ilkley	9 9	315	12.3	5.0	8.7	-0.8	16.1	1,3	-1.7	11	-	-	1.84	49	.52	7	7	7	0	0	0	0	0	3	3	-	0	2.93	106
	Sheffield ...	9 9	429	12.5	5.7	9.1	-1.1	17.2	3	0.0	22	10.5	12.3	1.64	55	.31	7	13	10	0	0	0	0	0	-	0	11	0	3.44	130
	Wakefield ...	9 9	121	12.9	4.8	8.9	-1.2	16.7	3	-0.6	24	10.1	11.4	1.28	52	.41	7	12	9	0	0	0	0	0	10	1	14	0	-	-
	Pontefract ...	9 9	255	12.3	5.1	8.7	-1.2	16.1	1,3	0.0	24	-	-	.82	39	.28	5	12	4	0	0	0	0	0	10	0	1	0	-	-
	Bramham ...	9 9	177	12.4	3.9	8.1	-	17.2	3	-1.7	11	-	-	.84	29	.21	5	12	7	0	0	0	0	1	7	5	13	0	3.67	-
	Cawood	9 9	20	12.7	3.1	7.9	-	17.2	1,3,4	-3.9	13	9.4	11.7	.82	37	.33	5	10	5	0	0	0	0	0	7	7	11	0	3.25	-
	Askham Bryan ...	9 9	110	12.7	3.4	8.1	-	17.2	1,4	-2.8	11,13	-	-	.98	42	.25	6	7	7	0	0	0	0	0	12	6	11	0	3.84	141
Derby	Buxton	9 9	1007	10.2	3.6	6.9	-1.5	14.5	4,6	-1.7	13	8.4	10.5	3.98	80	1.11	7	13	12	0	0	0	0	0	9	4	9	0	-	-
	Chapel en le Frith	9 9	732	11.7	3.4	7.6	-	16.1	4	-2.2	12,13	-	-	2.94	-	.91	7	13	9	0	0	1	0	1	4	8	17	0	-	-
	Mackworth ...	9 9	293	12.3	2.8	7.5	-	18.3	4			-	-	1.78	-	.46	5	12	8	0	0	0	0	0	4	10	12	0	-	-
	Belper	9 9	203	12.2	3.0	7.6	-2.2	17.8	2,3	-2.2	13	-	-	1.48	54	.47	5	10	8	0	0	0	0	0	-	4	-	0	-	-
	Derby	9 9	159	12.8	4.9	8.9	-	18.3	4	-1.1	13	-	-	1.67	-	.54	5	11	8	0	0	0	0	0	9	2	8	0	3.71	-
	Morley	9 9	350	12.2	3.9	8.1	-	18.3	4	-1.7	13	-	-	1.81	58	.55	5	13	8	0	0	0	0	0	-	4	16	0	3.72	-
	Chesterfield ...	9 9	298																											
Nottingham	Sutton Bonington	9 9	157	12.6				18.9	5	-3.9	13	10.5	12.5	1.03	48	.32	5	13	5	0	0	0	0	0	5			0	3.48	120
	Watnall	21-9	385	12.6	4.9	8.7	-	19.0	4	-0.3	24	-	-	1.53	60	.40	5	13	9	0	0	1	0	0	11	1	10	0	3.12	109
	Nottingham Training College ...	9 9	169																										3.08	-
	Mansfield ...	9 9	362	12.1	5.1	8.6	-1.2	17.2	4,5	0.0	24	9.5	-	1.20	45	.40	5	10	7	0	0	0	0	0	4	0	9	0	-	-
	Nottingham ¶§	9 9	192	12.9	4.9	8.9	-1.4	18.9	4	-0.5	13	10.1	12.9	1.17	52	.36	5	9	6	0	0	0	0	0	6	1	4	0	3.10	115
	Warsop	9 9	150	13.2	3.3	8.3	-	18.3	4	-2.8	13	-	-	1.03	47	.43	5	11	7	-	0	0	0	0	8	8	17	0	3.47	-
	Finningley ...	21-9	34	13.3	5.1	9.2	-1.0	18.2	3	0.5	13,22	-	-	1.33	-	.44	11	10	6	0	0	0	0	1	10	0	7	0	3.83	- S
Leicester	Newtown Linford	9 9	392	12.3	3.9	8.1	-	18.9	4	-1.1	13	-	-	1.07	-	.36	5	15	7	0	0	0	0	0	4	3	14	0	3.67	-
	Caldecott ...	9 9	175	13.1	2.5	7.8	-	20.0	5	-5.0	13	-	-	.51	-	.22	5	11	3	-	0	-	-	-	9	7	11	-	3.64	-
Northampton	Bugbrooke Mills	9 9	228	12.8	3.3	8.1	-	20.0	5	-3.3	13	9.4	11.8	.91	-	.25	5	11	6	1	0	0	0	0	10	5	-	0	4.00	-
	Raunds	9 9	193	12.8	3.9	8.3	-	20.0	5	-2.2	13	10.1	12.3	1.08	53	.34	5	12	6	0	0	0	0	0	8	4	11	0	3.81	- S
	Wittering ...	21-9	212	12.6	4.4	8.5	-	19.1	4	-0.7	11	-	-	.81	-	.29	5	12	4	0	0	0	0	0	5	2	11	0	3.77	-
Warwick	Birmingham K.E.S.*	9 9	450	12.1	5.2	8.7	-	18.9	4	-1.1	13	-	-	1.46	-	.49	5	15	8	0	0	0	0	0	9	1	-	0	-	-
	Edgbaston ¶§	21-9	536	12.1	6.0	9.1	-1.0	19.2	4	1.0	24	9.9	11.5	1.50	52	.47	5	18	8	1	0	1	0	2	6	0	6	0	3.76	136
	Luddington ...	9 9	138	12.9	3.1	8.0	-	20.0	4	-3.3	13	-	-	1.14	50	.57	5	15	8	0	0	0	0	1	6	8	10	0	3.74	-
	Stratford on Avon	9 9	160	13.3	2.9	8.1	-	21.1	4	-3.9	13	10.3	-	1.29	50	.58	5	15	8	0	0	0	0	0	5	7	13	0	3.56	-
	Elmdon	21-9	319	12.7	4.0	8.3	-	19.4	4	-4.8	13	-	-	1.63	65	.46	5	16	11	0	0	1	0	0	6	4	11	0	3.84	-
	Shipston on Stour	9 9	365	12.5	4.6	8.5	-	20.5	4	-1.1	13	9.7	-	1.62	-	.78	5	16	10	0	0	2	0	0	3	3	16	-	3.90	-
	Wellesbourne ...	9 9	153	12.9	2.9	7.9	-	20.0	4	-3.3	13	10.1	12.1	1.08	46	.66	5	12	7	0	0	0	0	0	8	5	20	0	4.02	-
	Moreton Morrell	9 9	280	12.9	3.7	8.3	-	20.5	5	-4.5	13	-	-	.99	-	.62	5	11	6	0	0	0	0	0	4	4	12	0	3.46	-
	Coventry ...	9 9	338	12.7	3.9	8.3	-1.5	18.9	4	-6.1	24	-	11.9	1.19	49	.44	5	14	8	0	-	0	0	0	1	0	12	0	3.80	132 S
	Rugby	9 9	385	12.4	4.3	8.3	-1.4	18.3	4,5	-6.1	13	8.3	11.9	1.43	-	.37	5	15	10	-	0	-	-	-	-	1	6	-	-	-
Oxford	Oxford ¶§	9 9	208	13.3	4.9	9.1	-1.4	20.0	4	-1.7	13	10.6	13.0	.68	27	.17	5	14	6	0	0	0	0	0	4	2	12	0	4.34	134
	Grendon Underwood	9 9	220	13.3	2.3	7.8	-	20.0	4	-5.5	13	9.9	12.6	.72	-	.28	5	12	5	0	0	0	0	0	-	7	12	0	3.87	-
Buckingham	Medmenham	9 9	98	13.5	2.9	8.2	-	20.0	4	-4.5	13	-	-	.83	-	.23	6	10	7	-	-	-	-	-	-	10	25	-	-	- S
	Aylesbury ...	9 9	316	12.7	3.9	8.3	-	20.0	5	-3.3	13	-	-	.74	29	.20	7	8	7	1	0	1	0	0	12	4	16	0	3.91	-
Stafford	Keele	9 9	587	11.7	4.8	8.3	-	16.7	4	-0.5	24	9.3	11.3	2.70	84	.72	22	17	11	1	0	2	1	1	5	1	8	0	3.44	-
	Oaken	9 9	409																											
	Stone	9 9	350	12.4	3.5	7.9	-	17.2	1	-4.5	13	-	-	2.24	-	.54	22	21	11	1	0	1	0	0	6	5	13	0	3.17	- S
	Penkridge ...	9 9	330	12.5	3.6	8.1	-	17.8	4	-3.9	13	-	-	1.51	-	.46	6	15	10	0	0	1	0	1	4	4	14	0	-	-
	Onecote ...	9 9	1350	9.3	3.8	6.5	-	14.5	4	-3.3	24	8.3	10.0	2.69	-	.57	5	13	13	0	0	0	0	1	7	2	9	0	3.30	-
Shropshire	Oswestry ...	9 9	570	11.9	5.4	8.7	-	16.1	1,3,5	1.1	24	-	-	2.81	-	.72	5	18	13	0	0	2	0	0	6	0	10	0	3.61	
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	2.62	75	.47	5	15	13	-	-	-	-	-	-	-	-	-	3.16	-
	Shrewsbury ...	9 9	184	12.8	4.1	8.5	-1.5	17.8	3,4	-2.2	13	11.1	13.3	2.29	86	.66	5	17	12	3	0	2	0	2	6	2	11	0	3.47	123
	Shawbury ...	21-9	235	12.7	3.5	8.1	-1.6	17.5	3	-3.8	13	-	-	2.01	75	.67	5	17	10	1	0	2	0	2	6	4	18	0	3.46	-
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.25	-
	Newport ...	9 9	211	12.5	2.7	7.6	-1.8	17.2	3,4	-3.9	24	-	-	1.56	58	.55	5	17	9	1	0	3	0	2	2	7	17	0	2.69	96 S
Worcester	Malvern	9 9	203	12.9	5.1	9.0	-	18.3	1,4	-1.7	13	10.8	12.9	1.79	63	.61	5	17	10	2	0	1	0	0	6	1	4	0	3.68	112 S
	Worcester ...	9 9	190	12.9	4.3	8.6	-	19.5	4	-1.7	13	-	-	1.19	52	.55	5	13	9	-	0	-	-	-	5	2	13	-	3.41	-
	Pershore Inst. of Hort.	9 9	130	13.3	4.3	8.8	-	19.4	4	2.2	13	-	-	1.19	-	.47	5	15	10	-	0	-	-	-	4	5	19	-		
	Pershore ...	21-9	114	13.1	4.0	8.5	-	20.1	4	-2.9	13	-	-	1.21	-	.49	5	15	8	1	0	0	0	0	4	5	9	1	3.66	-
	Halesowen ...	9 9	505	12.5	3.7	8.1	-	18.9	4	-2.8	13,24	10.3	11.9	1.37	-	.50	5	14	8	1	0	0	1	3	3	4	15	0	3.89	-
Hereford	Lyonshall ...	9 9	510	12.6	4.3	8.5	-1.1	16.7	3,5	-1.1	24	-	-	2.17	-	.39	1	16	11	-	-	-	-	-	-	2	14	-	-	-
	Credenhill ...	9 9	246	13.0	3.6	8.3	-	15.3	3	-3.9	13	-	-	2.27	-	.34	5	16	14	-	-	-	-	-	10	4	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	12.8	5.1	8.9	-1.5	18.1	3	-1.6	13	10.3	12.6	2.08	74	.62	5	16	13	1	0	0	0	0	4	5	10	0	3.39	112
	Preston Wynne ...	9 9	274	12.5	3.3	7.9	-	17.8	3	-4.5	13	-	-	1.99	-	.50	5	15	13	0	0	1	0	0	6	3	19	0	3.73	-
Gloucester	Avonmouth ...	9 9	31	13.5	6.8	10.1	-	19.5	3	2.2	13	-	-	-	-	-	-	-	-	0	0	1	0	0	3	0	3	0	-	-
	Filton	21-9	192	13.0	5.9	9.5	-1.2	19.1	3	-1.1	13	-	-	1.76	54	.61	5	11	7	0	0	0	0	1	6	1	8	0	3.24	-
	Hempsted ...	9 9	39	13.0	4.2	8.6	-	18.9	3	-2.8	13	10.9	12.9	1.24	-	.42	5	10	7	0	0	0	0	1	8	3	5	0	3.53	-
	Gloucester ...	21-9	79	13.4	5.6	9.5	-	19.0	3	-1.6	13	-	-	1.20	-	.45	5	9	6	1	0	0	0	1	1	3	8	0	3.63	-
	Cheltenham ...	9 9	214	13.1	4.7	8.9	-1.5	18.3	3	-2.2	24	-	-	1.29	50	.52	5	11	5	-	-	-	-	-	-	2	-	-	3.97	-
	Cirencester ...	9 9	443	12.8	4.3	8.5	-	18.3	3	-1.1	13	-	-	1.23	38	.44	5	12	7	1	0	0	0	0	4	2	12	-	4.21	-
	Little Rissington	21-9	740	11.7	5.3	8.5	-	19.5	4	-0.2	24	-	-	1.43	48	.35	14	15	7	0	0	0	2	1	6	1	2	1	4.11	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	13.5	5.9	9.7	-1.7	21.1	5	1.1	13	11.2	13.3	1.53	65	.35	7	14	9	1	0	0	0	0	6	0	7	0	-	-
	Hampstead ...	9 9	450	12.7	5.1	8.9	-1.5	21.1	5	-1.7	13	-	-	1.35	52	.32	7	13	10	1	0	0	0	0	-	4	12	0	4.41	138
	St. James's Park	9 9	27	13.5	6.2	9.9	-1.8	20.5	5	1.1	13	-	-	1.46	66	.38	7	12	9	0	-	0	0	0	-	0	-	0	-	-
	Regent's Park ...	9 9	129	13.8	5.9	9.9	-	21.7	5	0.0	13	-	-	1.39	-	.33	7	13	10	-	0	-	-	-	0	0	12	-	3.97	144
	Camden Square	9 9	121	13.5	5.9	9.7	-1.8	21.1	5	1.7	24	10.8	11.3	1.32	56	.35	7	13	9	-	0	-	-	-	-	0	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.20	148
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.63	136
	Greenwich ...	9 9	24	13.5	5.5	9.5	-	18.9	5	0.5	13	-	-	1.50	71	.42	7	14	11	0	0	0	0	1	0	0	2	0	3.34	112
Middlesex	London (Heathrow) Airport	21-9	82	13.7	5.6	9.7	-1.2	20.7	5	-0.1	13	-	-	1.15	49	.23	7	11	10	0	0	0	0	0	4	1	7	0	4.07	-
	Hampton ...	9 9	39	13.5	5.3	9.4	-	20.5	5	0.5	13	-	-	1.08	-	.37	7	9	7	0	0	0	0	1	7	0	9	0	4.01	-
	Southgate ...	9 9	221	13.5	5.1	9.3	-	21.1	5	0.5	11,24	10.7	-	.93	-	.20	7,13	13	7	0	0	0	0	0	1	0	7	0	3.76	-
Surrey	Wisley	9 9	150	13.3	3.9	8.6	-1.9	20.0	6	-1.7	13	10.3	12.6	1.34	52	.37	7	11	7	0	0	0	0	2	4	2	16	0	3.87	126
	Mickleham ...	9 9	179	13.1	2.6	7.9	-	20.0	4	-3.9	24	-	-	1.54	54	.46	7	10	9	1	0	0	1	0	3	8	19	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	13.3	5.9	9.6	-1.5	20.0	5	-0.2	13	11.0	12.8	1.21	54	.25	7	11	9	0	0	1	0	1	7	1	8	0	4.26	135
—cont.	Gatwick ... §	21-9	192	13.6	3.0	8.3	-	20.8	4	-3.9	13	-	-	1.42	-	.37	9	9	7	0	0	0	1	1	5	7	9	0	4.60	-
	Waddon ...	9 9	220	13.3	4.7	9.0	-1.9	20.5	5	0.0	13	-	-	1.01	38	.31	7	9	9	-	-	-	-	-	-	0	-	-	-	-
	Addington ...	9 9	474	12.5	5.5	9.0	-1.4	20.5	5	0.5	24	-	-	1.23	42	.37	7	10	9	-	-	-	-	-	1	0	-	-	-	-
Kent	Bromley ...	9 9	213	12.7	4.9	8.8	-2.1	18.9	4	-0.5	13	-	-	1.38	55	.28	7	14	10	-	0	-	-	-	8	1	-	-	-	-
	Swanley	9 9	177	13.1	3.6	8.3	-	21.1	5	-1.1	14	10.8	-	1.37	-	.27	7	13	8	1	0	0	0	2	4	4	14	0	3.95	-
	Dartford ...	9 9	17	13.7	4.7	9.2	-	22.2	5	-1.1	13	-	-	1.38	66	.26	7	14	11	0	0	0	0	1	8	1	-	0	-	-
	Tunbridge Wells	9 9	351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Goudhurst ...	9 9	280	13.4	3.6	8.5	-	20.6	4	-2.2	13	-	-	2.48	68	1.06	14	13	10	0	0	1	0	1	1	3	19	1	-	-
	East Malling ¶§	9 9	122	13.4	3.9	8.7	-1.5	21.1	5	-2.2	13	9.9	12.8	2.18	77	.77	14	14	8	0	0	0	0	1	6	3	10	0	4.27	124
	Gillingham ...	9 9	14	13.3	5.5	9.4	-	20.0	5	1.1	24	-	-	2.20	-	.72	14	14	9	0	0	0	0	0	3	0	-	0	4.32	-
	Sittingbourne ...	9 9	224	12.9	4.9	8.9	-	21.1	5,6	0.6	18	10.5	12.9	2.00	58	.66	14			0	0	0	0	0	3	0	11	0	4.41	-
	Isle of Grain ...	9 9	9	13.6	6.7	10.1	-	20.0	5	2.2	24	-	-	1.56	-	.47	14	12	8	-	0	-	-	-	3	0	5	-	4.14	-
	Faversham ...	9 9	157	12.9	4.7	8.8	-	21.7	5	0.0	13,18	10.6	13.0	2.47	-	1.15	14	11	7	0	0	1	0	1	4	1	8	0	4.53	-
	Dungeness ...	21-9	10	13.3	6.4	9.9	-1.9	18.6	5	0.0	13	-	-	3.52	115	1.08	14	11	7	0	0	2	0	2	0	0	-	1	-	-
	Wye	9 9	185					21.1	5	-0.6	13	-	-	3.23	95	1.37	14	12	9	0	0			0		1	10	0	4.64	127
	Whitstable ...	9 9	9	13.1	6.2	9.7	-	21.7	5	1.7	18	-	-	2.70	109	1.37	14	10	6	0	0	0	0	0	1	0	-	0	4.54	-
	Folkestone ...	9 9	128	13.5	6.9	10.2	-	18.9	5,6	1.7	24	-	14.0	4.34	142	2.50	14	12	6	0	0	1	0	0	0	0	1	2	4.75	-
	Elmstone ...	9 9	28	12.9	4.1	8.5	-	21.1	5	-1.7	14	-	-	3.02	-	1.45	14	11	7	-	0	-	-	-	3	2	7	-	-	-
	Herne Bay ...	9 9	21	12.9	6.9	9.9	-	21.1	5	3.3	13	-	-	3.02	117	1.50	14	11	7	0	0	0	0	2	2	0	-	0	4.29	-
	Dover	9 9	19	13.6	7.1	10.3	-1.5	19.5	6	2.8	24,25	12.5	14.5	4.48	135	2.59	14	10	6	0	0	2	0	1	2	0	0	1	4.49	-
	Deal	21-9	18	13.0	7.0	10.0	-	20.0	5	2.4	20	-	-	3.92	-	2.18	14	11	6	0	0	0	0	2	3	0	0	1	-	-
	Manston ...	21-9	145	12.8	5.9	9.3	-	20.0	5	1.6	12,26	-	-	3.63	-	1.65	14	13	6	0	0	1	0	1	4	0	9	0	-	-
	Ramsgate ...	9 9	80	12.9	7.9	10.4	-	18.9	5,6	3.3	12,24	-	-	3.64	136	2.15	14	11	7	0	0	0	1	0	1	0	-	-	4.60	124
	Margate ...	9 9	51	12.6	8.3	10.5	-1.5	20.0	5	3.9	24	11.1	13.7	3.15	127	1.69	14	13	6	0	0	0	0	1	1	0	0	0	4.27	114
Sussex	Thorney Island ...	21-9	10	14.3	5.6	9.9	-	21.0	3	0.6	13	-	-	2.28	79	.67	13	11	7	0	0	0	1	1	1	0	5	0	4.64	-
	Bognor Regis ...	9 9	24	13.7	6.2	9.9	-1.6	19.4	1,3	1.1	24	-	13.9	2.59	84	.76	9	11	7	0	0	0	1	1	0	0	2	1	4.98	127
	Fernhurst ...	9 9	188	13.2	4.2	8.7	-	20.0	4	-2.2	13	-	-	1.99	-	.61	9	12	10	0	-	0	1	1	-	3	15	0		
	Littlehampton ...	9 9	15	14.2	5.5	9.9	-1.6	20.6	1,3	1.1	12	-	13.8	1.94	64	.55	9	10	9	0	0	1	0	1	1	0	-	0	5.08	130
	Rustington ...	9 9	10	13.5	5.1	9.3	-	20.0	3	-0.6	12	-	12.5	2.11	-	.58	14	9	8	-	0	-	-	-	-	1	10	-	4.53	-
	Worthing ...	9 9	25	14.1	6.6	10.3	-0.5	20.0	3	1.1	24	11.0	13.6	2.12	72	.98	14	11	7	1	0	3	0	2	0	0	6	1	5.14	129
	Brighton ...	9 9	32	14.1	6.9	10.5	-	20.0	1,3	1.1	24	-	14.0	3.05	107	1.44	14	9	7	0	0	0	1	1	0	0	4	0	5.02	128
	East Grinstead ...	9 9	400	13.3	4.1	8.7	-	20.6	4	-0.6	12,14,18	-	-	2.40	-	.70	9	10	10	-	0	-	-	-	1	3	-	-	-	-
	Seaford	9 9	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	East Hoathly ...	21-9	130	13.9	3.5	8.7	-	19.7	3	-2.5	13	-	-	2.91	-	1.43	14	8	7	0	0	1	0	2	3	6	15	0	5.01	-
	Eastbourne ...	9 9	23	13.5	6.9	10.2	-1.7	19.4	2	1.7	24	11.8	14.6	3.96	111	1.97	14	9	6	0	-	1	0	2	0	0	4	1	4.92	124
	Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bexhill	9 9	12	13.7	6.2	9.9	-1.8	19.4	2,8	1.1	12,13	11.1	-	4.29	134	2.64	14	7	6	0	0	0	0	1	0	0	6	2	4.97	128
	Bodiam	9 9	73	13.8	3.6	8.7	-	20.0	5	-2.2	13	10.7	13.2	2.89	-	1.49	14	10	8	0	0	0	0	1	6	5	15	0	4.40	-
	Hastings ¶§	9 9	149	13.6	6.9	10.3	-1.5	19.4	2,3	1.7	24	10.4	13.4	4.05	125	2.32	14	8	5	0	0	0	0	3	0	0	7	0	4.98	126
Berkshire	Letcombe Regis	9 9	350	12.9	3.9	8.4	-	19.4	4	-2.2	13	-	-	1.02	-	.30	6	15	8	0	0	0	0	0	3	3	-	0	-	-
	Abingdon ...	21-9	210	13.5	4.7	9.1	-1.3	19.8	4	-3.8	13	-	-	.96	39	.21	15	15	7	0	0	0	0	1	7	3	9	0	4.15	-
	Compton ...	9 9	339	12.9	3.4	8.1	-	18.9	4	-3.9	13	11.1	-	1.14	-	.32	6	16	7	1	0	1	0	0	5	6	16	0	4.10	-
	Woolhampton ...	9 9	370	12.7	4.1	8.4	-	18.9	4	-0.6	13,24	9.9	-	1.34	51	.34	6	13	8	0	0	1	0	0	4	2	10	1	-	-
	Wallingford ...	9 9	157	13.4	3.4	8.4	-	20.0	4	-3.9	24	10.6	12.4	.89	-	.20	5,6	12	6	0	0	0	0	0	-	5	17	0	3.92	-
	Shinfield ...	9 9	200	13.5	4.2	9.3	-1.1	20.6	4	-2.2	13	-	-	.82	31	.18	6	12	6	-	0	-	-	-	3	3	14	-	4.03	-
	Reading ...	9 9	148	13.4	5.1	9.3	-1.5	20.6	4	-1.1	13	10.8	13.5	.88	34	.19	6	10	8	0	0	0	0	1	4	1	10	0	4.27	-
	Reading S.T.G.	9 9	141	13.5	4.6	9.1	-	21.1	4	-2.2	13	-	-	1.08	44	.26	22	10	8	-	0	-	-	-	3	4	11	-	4.22	-
	Finchampstead ...	9 9	212	13.4	3.3	8.3	-	20.0	4	-3.9	13	9.9	11.4	1.11	-	.25	7	13	10	0	0	0	0	1	5	4	23	0	4.10	- S
	Hurley	9 9	140	13.3	4.0	8.7	-	20.6	4	-2.8	13	9.6	-	.78	-	.20	6	10	7	0	0	0	0	0	5	3	10	0	4.29	-
	Bracknell ...	9 9	243	13.1	4.6	8.9	-	20.0	4,5	-1.7	13	10.6	12.8	1.02	-	.23	5	12	8	0	0	0	0	1	4	1	5	0	4.28	-
Hampshire	Bournemouth ...	9 9	130	13.7	5.6	9.7	-1.5	19.4	2	1.1	24	10.8	13.3	2.58	75	1.14	9	14	11	0	0	0	0	1	1	0	7	0	4.52	121
	Hurn	21-9	33	13.8	4.5	9.1	-	19.8	3	-1.6	13	-	-	2.33	72	1.00	9	13	7	0	0	0	0	1	1	4	11	0	-	-
	Christchurch ...	9 9	9	13.8	4.8	9.3	-	19.4	3	0.0	13	-	-	2.34	-	1.00	9	9	8	0	0	0	0	1	2	1	11	0	-	-
	Everton ...	9 9	51	13.8	5.5	9.7	-	20.6	3	-0.6	13	-	-	2.54	-	.83	9	11	9	0	0	1	0	1	2	1	10	0	4.46	-
	Southampton ¶§	9 9	65	14.6	5.6	10.1	-1.2	21.1	3	0.0	13	11.8	14.5	2.25	68	.89	9	12	10	0	0	1	0	1	3	0	7	0	4.19	117
	Leckford ...	9 9	385	12.6			-	20.0	4			9.8	-	1.60	46	.62	9	12	6	-	0	-	-	-	4	2	-	-	4.05	117
	Winchester ...	9 9	122	13.6	3.7	8.7	-	21.1	4	-3.3	13	-	11.8	1.80	55	.66	9	12	8	0	0	0	0	0	3	7	-	0	4.02	- S
	Martyr Worthy	9 9	275	13.1	3.9	8.5	-	21.1	4	-2.2	13	-	-	1.54	-	.60	9	11	7	0	0	0	0	0	0	4	10	0	4.15	-
	Southsea ...	9 9	7	13.9	7.3	10.6	-1.5	20.0	3	1.7	24	12.2	14.2	2.27	75	.83	9	10	6	0	0	0	0	1	0	0	12	1	4.58	119
	Hayling Island ...	9 9	13	13.6	6.7	10.1	-	20.0	3	1.1	24	-	-	2.11	-	.68	9	11	6	0	0	0	0	1	0	0	-	0	4.87	-
	Long Sutton ...	9 9	512	12.4	4.7	8.5	-1.6	18.9	4,7	-1.1	24	10.8	12.9	1.24	38	.41	9	14	6	1	0	0	0	0	7	1	14	0	4.28	- S
	Alice Holt Lodge	9 9	378	12.8	4.1	8.5	-	20.0	4	-1.1	13,24	-	-	1.82	57	.49	9	12	10	0	0	1	0	2	2	3	16	0	4.28	-
	S. Farnborough	21-9	226	13.4	3.9	8.7	-1.8	20.2	5	-3.5	13	-	-	1.24	48	.36	9	11	7	0	0	0	0	1	3	5	14	0	3.98	122
I. of Wight	St. Catherine's Pt.	9 9	51	13.7	8.5	11.1	-1.0	19.0	2	1.4	24	-	-	2.97	88	1.07	9	14	8	0	-	2	2	1	0	0	-	2	-	-
	Ventnor Park ...	9 9	443	13.9	7.6	10.7	-1.6	18.9	4	0.6	24	11.8	13.7	3.97	106	1.09	13	14	11	0	0	1	0	0	1	0	1	0	4.56	111
	Shanklin ...	9 9	180	13.4	6.7	10.1	-	18.3	1,3	0.6	24	-	-	4.17	-	1.49	13	13	9	0	0	2	1	1	3	0	-	0	4.72	-
	Sandown ...	9 9	13	14.4	7.3	10.9	-1.3	20.0	3	2.2	24	-	-	3.48	101	1.30	13	14	8	-	0	-	-	-	1	0	-	-	4.59	115
	Ryde	9 9	15	13.7	7.3	10.5	-1.5	18.9	3	2.8	13,24	-	-	2.66	78	.94	9	14	8	-	0	-	-	-	1	0	-	-	4.40	114
Wiltshire	Lacock	9 9	160				-	18.3	3	-3.9	13	-	-	1.09	-	.38	9	10	5	-	0	-	-	-	5	6	19	-	-	-
	West Lavington	9 9	305	12.7	3.8	8.3	-	18.3	3	-2.8	13	-	-	1.47	47	.55	9	15	5	0	0	0	0	1	5	3	-	0	-	-
	Lyneham ...	21-9	476	12.1	5.0	8.5	-	17.9	3	-1.3	24	-	-	1.15	40	.36	6	10	8	0	0	1	0	1	3	1	8	0	4.05	-
	Chiseldon ...	9 9	510	12.6	3.9	8.3	-	19.4	4	-2.2	13,24	-	-	1.15	-	.38	6	11	5	1	0	0	0	0	2	3	15	0	-	-
	Larkhill	9 9	431	12.7	4.3	8.5	-1.5	18.6	3	-1.2	24	-	-	1.58	52	.53	9	13	7	1	0	1	0	3	7	1	11	0	-	-
	Boscombe Down	21-9	414	12.9	4.8	8.9	-1.3	18.8	3	-0.7	24	-	-	1.81	62	.59	9	12	7	0	0	1	0	2	3	2	10	0	4.28	128
	Upavon	21-9	578	12.1	5.1	8.6	-	20.1	4	-1.2	24	-	-	1.42	-	.41	9	17	9	0	0	1	0	0	4	1	8	0	-	-
	Porton ... ¶§	9 9	364	12.9	3.9	8.4	-1.6	18.8	3	-2.8	13	9.7	-	1.99	65	.60	9	13	7	0	0	0	1	1	4	4	12	0	4.19	121
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	12.7	6.9	9.8	-	17.2	4	1.7	24	-	-	4.21	89	1.20	6	13	11	-	0	-	-	-	0	0	5	-	3.05	-
	Carlisle	21-9	86	12.4	5.5	8.9	-	17.6	4	-1.8	13	-	-	2.35	-	.99	6	12	11	0	0	0	0	0	0	3	6	0	2.89	-
	Newton Rigg ¶§	9 9	560	11.5	4.5	8.0	-0.8	16.1	4	-1.7	13	9.0	-	2.91	76	1.26	6	16	10	-	0	-	-	-	2	3	12	-	2.70	99 S
	Spadeadam ...	9 9	900	10.1	3.9	7.0	-	15.6	4	-5.6	24	8.0	9.3	4.16	-	1.58	6	15	10	1	0	2	0	0	3	4	9	0	2.40	-
Westmorland	Ambleside ...	9 9	151	11.9	4.9	8.4	-	17.2	4	-1.1	13	-	-	6.81	82	3.47	6	17	11	0	0	1	0	0	2	1	-	0		S

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780																										2.35	-
—cont.	Moor House ...	9 9	1825																											
Lancashire	Squires Gate ...	21-9	33	13.1	5.6	9.3	-1.2	18.3	5	0.6	13	-	-	2.44	66	.68	5	16	11	0	0	1	0	1	2	0	10	0	3.58	116
	Urswick	9 9	130	12.8	5.7	9.3	-	16.7	1,3,4	1.7	24	-	-	5.42	-	1.34	13	14	11	0	0	0	0	0	6	1	-	1	-	-
	Southport ...	9 9	16	12.8	4.9	8.9	-	17.8	4,5	0.6	22	9.8	12.2	2.62	-	.73	5	14	11	-	0	-	-	-	3	0	12	-	3.69	-
	Poulton-le-Fylde	9 9	38	12.6	5.2	8.9	-	17.2	4	0.6	13	-	-	3.07	-	.61	5	16	12	0	0	0	0	0	1	0	-	0	-	-
	Grizedale ...	9 9	300	-	3.7	-	-	-	-	-3.3	24	10.1	-	6.90	-	2.34	6	17	10	0	0	0	0	0	3	4	8	0	-	-
	Speke	21-9	80	13.1	6.6	9.9	-	18.0	1	1.6	24	-	-	3.13	100	.76	8	16	12	0	0	2	1	1	2	0	2	0	3.63	-
	Kirkham ...	9 9	78	12.8	5.4	9.1	-	17.8	4,5	0.6	15	-	-	3.08	74	.78	5	13	10	0	0	1	0	1	2	0	11	0	3.45	-
	Garstang ...	9 9	68	12.6	5.8	9.2	-	17.8	5	-2.2	24	-	-	3.57	-	.77	5	12	12	-	0	-	-	-	0	1	4	-	3.48	-
	Morecambe ...	9 9	24	12.5	6.8	9.7	-0.8	18.3	4	3.3	13,15,24	-	-	3.79	90	.86	6	13	10	0	0	0	0	0	0	0	-	0	3.33	111
	Preston	9 9	108	12.7	5.4	9.1	-	17.2	4,5	-2.8	24	-	-	2.91	68	.65	5	15	10	0	0	0	2	0	8	1	9	1	-	-
	Stonyhurst ¶§	9 9	377	12.2	5.4	8.8	-0.9	17.2	4	0.6	24	-	-	4.00	75	.91	5	10	9	-	0	-	-	-	1	1	3	-	3.34	121
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.35	-
	Helmshore ...	9 9	854	10.8	5.2	8.0	-	16.1	1,4	-0.6	24	9.1	-	4.74	73	1.13	6	12	9	-	0	-	-	-	5	1	9	-	3.60	-
	Burnley	9 9	655	11.5	4.7	8.1	-	16.1	3	-2.8	24	9.5	10.8	3.62	-	.94	7	14	9	0	0	0	0	1	1	2	-	0	3.36	-
	Nelson	9 9	540	11.1	5.1	8.1	-	15.6	4	-1.1	24	9.5	11.3	3.29	67	.90	7	13	8	-	0	-	-	-	5	1	8	-	2.99	- S
	Rochdale ...	9 9	362	12.2	4.1	8.1	-	17.8	4	-5.6	24	-	-	3.26	-	.78	5	12	9	0	0	0	0	0	7	3	8	0	-	- S
Cheshire	Bidston Obs'y. ¶§	9 9	198	12.2	7.0	8.6	-1.7	17.2	5	3.3	23,24	-	-	2.72	90	.84	8	15	13	-	-	-	-	-	2	0	0	-	3.80	130
	Winnington ...	9 9	65	13.2	5.7	9.5	-	18.3	4	0.0	13	-	-	2.57	82	.70	5	14	12	0	0	0	2	2	2	0	3	0	-	-
	Knutsford ...	9 9	212	13.2	4.6	8.9	-	18.9	4	-1.7	24	10.6	12.7	3.18	-	.78	8	13	12	-	0	-	-	-	6	2	15	-	-	-
	Ringway ¶§	21-9	248	12.5	5.7	9.1	-0.8	18.7	4	-1.6	12	-	-	2.96	92	.89	8	14	11	0	0	0	2	3	4	2	4	0	3.92	142
	Macclesfield ...	9 9	500	12.1	5.1	8.6	-0.9	17.8	4	-2.2	24	-	-	3.13	86	.89	8	16	10	0	0	0	0	2	1	2	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	13.3	6.4	9.9	-1.0	20.6	4	0.6	13	-	-	2.84	95	.58	14	16	12	0	0	1	2	0	0	0	0	2	3.07	98
	Prestatyn ...	9 9	12	13.4	6.9	10.1	-	20.0	4	2.8	2	-	-	3.00	97	.88	15	15	9	0	0	1	0	0	0	0	-	0	2.87	99
	Hawarden Bridge	9 9	17	13.2	4.9	9.1	-1.4	17.8	3	-1.1	13	-	-	2.18	76	.53	5	15	11	0	0	1	0	0	6	2	-	0	-	-
Anglesey	Valley	21-9	33	13.3	7.6	10.5	-0.9	18.2	4	-0.3	23	-	-	3.45	90	.70	6	15	14	0	0	1	0	2	0	1	4	2	2.69	82
Denbigh	Colwyn Bay ...	9 9	118	13.1	6.9	10.0	-1.2	18.9	4	3.3	11	10.9	-	3.66	111	.56	15	16	15	0	0	3	0	2	0	0	-	0	2.67	87
	Alwen	9 9	1100	10.6	2.3	6.5	-	17.2	4	-5.0	13	-	-	4.00	-	.56	6	17	16	-	-	-	-	-	-	7	16	-	-	-
	Ruthin	9 9	248	12.8	4.7	8.7	-	20.6	5	-0.6	24	-	-	2.79	-	.52	7	14	11	-	0	-	-	-	1	2	-	-	3.27	-
	Loggerheads ...	9 9	690	11.6	3.7	7.7	-	17.8	4,5	-2.2	13	9.2	10.9	2.98	-	.51	22	16	16	1	0	2	0	1	1	4	10	0	-	-
	Bwlchgwyn ...	9 9	1267	10.2	4.2	7.2	-	15.0	4	-0.6	24	8.7	-	3.69	-	.72	5	18	16	0	0	1	0	0	2	1	11	0	-	-
	Wrexham ...	9 9	275	13.9	4.7	9.3	-	17.8	5	-0.6	13,24	10.1	11.7	2.01	-	.44	5	15	13	0	0	0	0	0	4	2	13	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	13.1	10.0	11.5	-	16.1	4	4.7	24	-	-	2.57	-	.65	6	14	9	-	0	-	-	-	0	0	0	-	-	-
	Botwnnog ...	9 9	112	12.9	7.1	10.0	-	17.2	4	1.7	13	11.2	12.8	3.58	-	.58	6	14	12	0	0	0	2	2	0	0	3	2	2.94	-
	Bryn Adda ...	9 9	275	13.5	6.6	10.1	-	20.6	4	2.8	13	-	-	5.29	-	.89	6	17	17	0	0	3	0	1	0	0	3	0	2.75	-
	Cwm Dyli ...	9 9	324	12.4	5.8	9.1	-	20.0	4	-0.6	13	10.9	-	10.12	-	2.35	6	17	17	-	-	-	-	-	0	1	11	-	-	-
	Aber	9 9	60	13.4	7.0	10.2	-1.1	18.3	4,5	2.2	24	-	-	4.95	105	1.03	9	17	15	0	0	2	0	2	0	0	7	0	2.52	90
	Llandudno ¶§	9 9	13																											
Merioneth	Llyn Stwlan ...	9 9	1656	9.3	-	-	-	16.7	4	-	-	-	-	9.87	-	2.06	5	22	21	-	0	-	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	7.85	-	1.66	5	-	-	2	-	0	0	0	-	-	-	0	-	- S
	Corwen	9 9	473	12.2	2.5	7.3	-	18.3	4	-4.4	13	-	-	3.46	-	.48	6	17	15	0	0	1	1	0	-	7	12	0	-	- S
Montgomery	Ceinws	9 9	200	12.6	3.7	8.1	-	17.8	5	-3.3	13	-	-	7.00	-	1.52	5	17	15	-	-	-	-	-	-	2	-	-	-	-
	Lake Vyrnwy ...	9 9	995	10.6	3.9	7.3	-	15.0	4,5	-1.1	13	9.2	-	4.65	65	1.05	6	19	13	1	0	1	0	0	6	2	26	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	12.7	7.6	10.1	-0.7	17.8	3	3.1	24	-	-	3.56	76	.73	15	17	11	0	0	8	0	4	0	0	4	2	3.79	-
	Aberystwyth ...	9 9	12	13.2	5.8	9.5	-1.7	17.8	2	0.6	13	-	-	2.27	-	.68	6	12	11	-	0	-	-	-	0	0	-	-	2.92	90
	" P.B.S.*	9 9	452	12.7	5.8	9.3	-1.3	19.4	4	0.6	24	-	-	4.08	88	.86	5	16	15	0	0	2	0	2	0	0	6	1	2.94	92
	Gogerddan ...	9 9	103	13.4	4.7	9.1	-	20.6	4	-2.2	13	-	-	4.12	91	.70	5	16	14	0	0	5	0	2	0	2	10	0	3.41	- S
	Swyddffynnon ...	9 9	540	12.6	4.4	8.5	-	18.9	4	-2.8	24	-	-	5.80	-	.78	6	16	15	-	0	-	-	-	-	4	16	-	-	-
	Trawscoed ...	9 9	200	13.1	4.1	8.6	-	19.4	4	-3.9	24	9.8	-	4.67	89	.57	10	19	15	0	0	0	0	0	0	3	11	0	3.43	- S
	Llety-evan-hen ...	9 9	950	11.0	5.7	8.3	-	17.8	4	0.0	24	-	-	5.73	-	1.22	5	17	16	0	0	5	0	3	0	0	12	0	3.25	116
	Cwmystwyth ...	9 9	989	11.2	3.6	7.4	-	17.2	4,5	-2.2	13	-	-	6.77	-	.95	6	17	16	1	0	3	0	2	-	3	-	0	-	- S
Pembroke	Dale Fort ...	9 9	109	13.9	8.7	11.3	-	18.9	1	4.4	24	11.3	-	3.34	-	.77	11	17	13	0	0	4	0	3	0	0	0	0	4.19	-
	Brawdy	9 9	360	12.6	6.4	9.5	-	17.2	3	2.2	29	-	-	4.24	-	1.13	11	17	12	0	0	0	3	1	1	0	2	1	3.47	-
	Haverfordwest ...	9 9	131	13.6	6.1	9.9	-0.8	17.8	1,3	-1.1	13	-	-	4.17	82	.84	11	17	15	-	-	-	-	-	0	1	-	-	-	- S
Carmarthen	Carmarthen ...	9 9	50	13.5	3.7	7.6	-	18.3	3	-2.8	13	10.9	12.8	4.62	-	1.04	6	18	16	0	0	2	0	2	0	3	4	1	3.67	-
Radnor	Llandrindod Wells ¶§	9 9	772	12.0	3.2	7.6	-1.7	17.2	4	-3.9	13	9.7	-	3.70	87	.50	10	17	12	0	0	0	0	0	3	6	-	0	2.40	89
Brecknock	Llwynon ...	9 9	860	11.2	3.7	7.5	-	16.1	3	-1.1	24	-	-	4.31	-	.78	13	19	14	0	0	0	0	0	0	6	-	0	-	- S
Glamorgan	Mumbles Head ...	21-9	117	13.2	8.2	10.7	-	17.4	3	1.9	24	-	-	-	-	-	-	-	-	0	0	2	0	1	0	0	1	1	-	-
	Swansea ...	9 9	27	13.6	7.0	10.3	-1.5	18.9	3	1.1	24	11.2	14.0	3.50	75	.80	5	15	14	0	0	0	1	0	0	0	-	0	3.57	109
	Port Talbot ...	9 9	24	14.0	7.1	10.5	-	19.4	3	0.0	24	-	-	4.28	-	1.43	13	14	12	0	0	2	0	0	0	1	2	-	3.08	-
	Neath	9 9	202	13.0	6.4	9.7	-	18.3	3	1.7	10,13	-	-	3.53	-	.77	5	16	14	0	0	0	1	0	1	0	3	1	-	-
	Rhoose	21-9	220	12.9	5.8	9.3	-	17.6	3	-0.4	24	-	-	3.64	91	1.32	9	15	10	1	0	4	0	1	2	1	5	1	3.47	-
	Cardiff ... ¶§	9 9	202	13.0	5.7	9.3	-1.6	18.3	3	0.6	24	11.6	13.3	3.05	68	.84	5	17	11	0	-	0	0	0	-	0	-	-	3.66	109
Monmouth	Tredegar ...	9 9	1028	11.2	4.0	7.6	-	15.6	3,4	-1.1	13	-	-	3.44	-	.65	13	18	14	2	0	0	0	0	7	4	13	0	2.62	- S
	Newport ...	9 9	75	12.9	5.4	9.1	-1.6	18.3	3	0.6	24,25	-	-	2.66	63	.90	5	16	9	0	0	0	0	0	0	0	8	0	3.22	-
	Usk	9 9	70	12.9	3.6	8.3	-	18.3	3	-2.8	13	9.9	-	2.62	63	.74	6	14	9	0	0	0	0	0	4	7	10	0	2.81	-
	Crumbland Plantation	9 9	804	11.4	4.9	8.1	-	16.1	3	-0.6	24	10.1	11.7	2.37	-	.67	5	16	12	1	1	0	0	0	5	1	9	0	3.48	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	10.8	4.8	7.8	-	15.6	4	0.0	13	-	-	5.58	-	1.00	9	21	17	1	0	1	0	1	3	0	12	0	2.74	-
	Cannington ...	9 9	95	13.7	6.2	9.9	-	19.4	3	1.7	13	11.7	-	3.07	97	1.00	9	14	12	-	-	-	-	-	6	0	-	-	3.48	105
	Weston-s.-Mare	9 9	28	13.8	6.7	10.3	-1.2	18.9	3	1.7	13	-	-	4.02	112	1.29	9	11	9	0	0	0	2	4	4	0	4	0	3.42	101
	Long Ashton ¶§	9 9	162	13.2	4.9	9.1	-1.5	19.4	3	-0.6	13	11.4	-	2.24	56	.71	5	11	6	0	0	0	0	2	3	1	16	0	3.41	107
	Wincanton ...	9 9	375	13.1	4.8	8.9	-	18.9	3	0.0	24	-	-	1.98	-	.77	9	11	9	0	0	0	0	0	7	1	12	0	-	-
	Bath City Boys' School	9 9	388	12.7	5.4	9.1	-	18.3	3	0.0	13	11.6	-	1.54	-	.52	9	10	6	0	0	0	0	0	3	1	-	0	3.10	-
Dorset	Lyme Regis ...	9 9	200	13.8	5.9	9.9	-	21.1	3	0.6	24	-	-	3.77	-	1.03	9	19	12	0	0	0	0	0	3	0	0	3	3.98	- S
	Portland Bill ...	21-9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Weymouth ...	9 9	16	14.4	6.9	10.7	-1.5	20.0	2,3	1.7	24	-	-	3.28	102	1.07	9	13	11	-	0	-	-	-	1	0	-	-	4.18	108
	Winfrith	9 9	85	13.7	4.7	9.2	-	19.4	3	-1.7	13	-	-	2.77	-	1.09	9	14	11	-	0	-	-	-	2	3	6	-	-	-
	Shaftesbury ...	9 9	680	9.4	4.7	7.1	-3.0	17.8	3	-1.1	13	-	-	1.74	52	.75	9	11	8	-	0	-	-	-	3	3	-	-	-	-
	Swanage ...	9 9	37	14.1	6.6	10.3	-	18.3	1,2,3	1.1	24	-	14.1	2.58	-	1.21	9	12	9	0	-	2	0	1	2	0	1	1	4.31	117
	Poole	9 9	18	13.8	5.3	9.5	-	20.0	3	0.6	11,18	-	-	2.58	-	.96	9	11	8	0	0	0	0	0	1	0	-	0	4.46	120

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ≥0·1in. (0·3mm.) or more	≥0·4in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b	ENGLAND, S.W.—cont.																													
Devon	Clawton	9 9	412	13.8	2.9	8.3	-	18.3	3.4	-3.3	28	-	-	4.96	-	1.05	9	19	13	0	0	7	0	5	2	3	-	0	-	-
	Hartland Point ...	21-9	298	12.7	8.5	10.6	-	18.2	4	3.9	11	-	-	2.98	-	.56	9	16	14	0	0	2	0	1	0	0	0	3	3.83	112
	Mount Batten ...	21-9	87	13.7	8.0	10.9	-1.0	18.8	1	1.6	24	-	-	3.62	95	.71	5	17	13	0	0	1	3	4	0	0	5	1	3.60	98
	Plymouth, The Hoe	9 9	119	13.8	7.9	10.9	-1.0	18.9	1	1.7	24	12.0	13.8	3.25	85	.71	5	17	12	0	0	1	0	0	1	0	5	0	3.51	94
	Tavistock ...	9 9	457	13.6	6.0	9.8	-1.1	19.4	2	-0.6	24	-	7.1	5.16	-	.89	9	21	14	-	-	-	-	-	0	1	12	-	-	-
	Chivenor ...	21-9	20	14.1	7.1	10.6	-	19.2	4	0.9	13	-	-	3.60	-	.84	9	17	14	0	0	3	4	2	0	0	2	0	3.67	-
	Ilfracombe ...	9 9	25	13.8	9.3	11.5	-0.8	18.9	5	5.0	13	12.2	13.9	4.09	94	.95	9	14	13	0	0	0	0	2	0	0	1	2	3.26	100
	Totnes	9 9	120	13.9	5.7	9.8	-	18.9	5	-1.7	13	11.9	13.5	3.37	74	1.09	9	17	11	0	0	0	3	4	1	1	5	1	3.22	-
	Slapton	9 9	104	14.0	7.8	10.9	-	18.9	5	1.7	24	-	-	3.48	-	.97	9	19	12	-	0	-	-	-	0	0	-	-	-	-
	Newton Abbot ...	9 9	272	13.4	6.2	9.8	-1.4	17.8	1,2,5	0.0	24	-	-	3.44	90	1.03	9	14	13	0	0	1	0	0	1	1	4	0	4.00	113
	Paignton ...	9 9	8	14.1	7.0	10.5	-	18.3	1,3,5	1.7	24	-	-	3.11	85	1.44	9	17	11	0	0	0	0	0	0	0	-	0	3.71	102
	Torquay ...	9 9	26	13.9	7.6	10.7	-1.2	18.9	1	1.7	24	-	14.3	3.15	95	1.51	9	13	10	0	0	0	0	0	1	0	1	0	3.75	98
	Teignmouth ¶§	9 9	20	13.7	7.7	10.7	-1.3	17.8	1,2,3	2.8	13,24	-	-	3.00	92	1.18	9	13	10	0	0	0	0	0	0	0	-	0	3.92	106
	Starcross ...	9 9	29	13.8	6.3	10.1	-	19.4	3	0.6	13	10.9	-	2.61	78	.96	9	15	10	0	0	1	0	0	3	0	3	0	3.83	-
	Exeter, Southam	9 9	160																											
	Exmouth ...	9 9	195	13.4	6.1	9.7	-1.4	18.3	1,2,3	1.1	13,24	-	-	2.57	80	1.03	9	16	13	0	-	0	0	0	0	0	-	0	3.87	106
	Exeter	21-9	106	13.9	5.8	9.9	-	19.9	3	-0.7	13	-	-	3.16	98	1.08	9	15	10	0	0	0	3	1	1	2	9	1	3.30	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	14.2	10.3	12.3	-0.4	18.8	4	7.6	13	-	-	4.13	116	.78	9	18	15	0	0	0	0	0	2	0	-	4	4.14	106
	Penzance ...	9 9	62	14.3	8.6	11.5	-0.9	18.3	1,2	3.9	13,28	-	-	4.82	111	.90	8	22	17	0	0	3	1	1	0	0	3	1	4.12	109
	Gulval	9 9	50	14.1	8.6	11.3	-0.8	17.8	2,3	4.4	13	-	-	4.41	106	.75	9	20	17	0	0	-	-	-	0	0	0	-	4.06	112
	Culdrose ...	9 9	268	13.3	7.1	10.2	-	16.7	4	2.8	13	-	-	4.19	-	.96	9	16	13	0	0	2	4	1	1	0	-	0	4.13	-
	Rosewarne ...	9 9	250	13.5	8.2	10.9	-	18.3	1,4	3.3	13	11.8	13.1	4.32	108	.59	8	18	16	-	0	-	-	-	0	0	2	-	3.86	-
	Lizard	9 9	240	13.3	8.9	11.1	-1.2	17.1	4	4.5	24	-	-	3.97	115	.78	12	18	15	0	-	1	0	0	-	0	-	3	4.26	-
	Falmouth ¶§	9 9	167	13.4	8.4	10.9	-1.2	16.7	1,6	4.4	13,15,24	-	-	4.83	105	.66	9,15	19	14	0	0	2	0	3	0	0	2	0	3.63	103
	Newquay ...	9 9	176	13.9	7.8	10.9	-0.9	18.9	1	3.9	13,28	-	-	3.17	84	.90	9	14	11	0	-	6	0	0	-	0	-	1	3.68	105
	St. Mawgan ...	21-9	337	13.4	7.9	10.7	-	19.0	2	2.9	13	-	-	3.41	-	.82	9	17	13	0	0	5	3	1	0	0	0	0	3.84	-
	St. Austell ...	9 9	310	13.7	7.9	10.8	-	18.3	2	4.4	14,24	-	-	5.21	104	1.05	9	16	15	0	0	2	0	1	1	0	-	0	-	-
	Fowey	9 9	51	14.7	7.8	11.3	-0.9	19.4	2	3.3	13	-	-	4.33	-	.91	9	14	11	0	0	0	0	0	0	0	-	0	-	-
	Bude	9 9	50	13.8	7.0	10.4	-1.3	18.9	4	0.6	13,24	9.7	-	3.62	96	.71	9	19	14	-	0	-	-	-	-	0	-	-	3.55	99
	Ellbridge ...	9 9	190	13.6	5.7	9.7	-1.4	20.0	1,2	0.0	24	-	-	4.62	108	.80	9	18	13	0	0	5	0	0	0	0	7	0	3.36	92
9	NORTHERN IRELAND																													
Londonderry	Loughermore Forest	9 9	570	11.6	4.7	8.1	-	16.1	1,4	-1.7	13	-	-	6.31	-	1.47	6	23	19	0	0	0	0	0	0	2	8	0	-	-
	Ballykelly ¶§	21-9	6	12.9	6.6	9.7	0.5	16.8	4	-1.4	13	-	-	3.64	93	1.02	6	19	17	0	0	3	0	3	0	1	9	0	2.05	73
	Derrynoyd Forest	9 9	290	12.1	5.4	8.7	-	16.1	4	0.0	13	-	-	5.65	-	.96	9	21	15	0	0	0	1	0	0	0	11	0	-	-
	Somerset Forest	9 9	140	12.3	5.5	8.9	-	16.1	4	0.0	13	-	-	4.98	-	.68	6	20	15	0	0	0	0	0	0	0	6	0	-	-
	Garvagh Forest	9 9	290	11.9	5.4	8.7	-	16.1	4	1.1	9,13	-	-	5.08	-	.85	6	19	14	1	0	3	0	1	0	0	6	0	-	-
	Moneydig ¶	21-9	112	12.3	5.1	8.7	-0.9	15.8	19	-0.9	13	11.1	-	4.94	111	1.17	5	19	14	1	0	2	0	2	2	1	10	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	4.87	-	.68	6	18	18	-	-	-	-	-	-	-	-	-	2.23	-
	Lisnafillan ...	9 9	124	12.1	4.2	8.1	-	16.1	1,4	-2.2	13	-	-	5.65	-	1.05	5	20	14	1	0	0	0	1	6	2	9	0	1.95	-
	Aldergrove ¶§	21-9	225	11.9	5.5	8.7	-1.0	15.8	4	-0.8	13	10.3	12.0	4.31	-	.86	6	17	15	1	0	1	0	2	1	2	9	1	1.94	74
	Greenmount ...	9 9	105	12.2	5.4	8.8	-	16.1	1,4,19	-0.6	13	10.4	-	5.06	-	1.20	9	18	13	0	0	0	0	1	-	1	11	-	-	-
	Black Mountain	21-9	969	10.0	5.3	7.7	-	14.4	4	-1.4	24	-	-	5.91	-	1.09	5	19	17	1	0	0	3	2	11	1	-	0	-	-
	Ballypatrick Forest	9 9	500	11.4	6.0	8.7	-	14.4	4	1.7	9,11,13	-	-	5.17	-	1.51	5	15	13	2	0	3	0	0	0	0	3	2	-	-
	Larne	9 9	140	12.6	6.4	9.5	-	17.2	1	0.6	13	-	-	4.33	-	.99	5	18	13	0	0	1	0	2	0	0	-	0	-	-
	Kilroot	9 9	71	12.4	7.2	9.8	-	15.6	1,19	1.7	13	-	-	5.12	-	1.76	9	15	12	0	0	0	0	2	0	0	1	0	-	-
Down	Newry Abbey ...	9 9	32	12.7	5.3	9.0	-	16.7	1	0.0	13,17	-	-	5.14	-	1.28	6	16	14	0	0	0	0	0	3	2	-	0	-	-
	Hillsborough §	9 9	379	11.6	5.8	8.7	-0.8	15.6	1	0.6	13	10.2	-	4.46	122	.81	6	16	14	1	0	0	0	1	1	0	8	0	2.23	81
	Kilkeel	21-9	58	12.1	7.2	9.7	-	16.4	1	2.2	13,24	-	-	3.83	-	.83	6	18	15	0	0	0	0	0	0	0	4	2	2.67	-
	Tollymore Park	9 9	249	12.2	6.6	9.4	-	16.1	1	0.6	24	-	-	5.02	-	1.22	6	18	13	0	0	0	0	0	0	0	4	0	-	-
	Stormont Castle	9 9	185	12.2	6.0	9.1	-	16.1	1,3,19	1.1	13	10.2	11.7	3.68	-	.82	5	19	14	1	0	0	2	2	5	0	8	0	2.19	-
	Crossgar ...	9 9	119	12.3	6.4	9.3	-	16.1	3,19	1.1	9,13	-	-	4.14	-	.98	5	18	14	0	0	0	0	1	0	0	8	0	-	-
	Creighton's Green	9 9	391	11.3	6.6	8.9	-	14.4	3,19	2.2	23,24	-	-	3.72	-	1.12	5	21	12	1	0	0	0	1	-	0	0	0	-	-
	Helen's Bay ...	9 9	140	11.9	6.9	9.4	-	16.1	19	2.8	9	-	-	3.33	-	1.01	5	17	13	1	0	0	1	2	0	0	2	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	12.1	7.2	9.7	-	16.0	1	0.8	24	-	-	4.36	-	1.16	5	18	14	1	0	0	0	1	0	0	1	1	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.72	-
Armagh	Armagh ¶§	9 9	202	12.5	5.6	9.1	-0.8	16.7	1,4	0.6	13	10.5	12.2	5.73	171	1.25	9	17	16	0	0	0	0	0	0	0	6	1	2.18	80
	Loughgall ...	9 9	92	12.5	4.8	8.7	-	16.7	1	0.0	11,13	-	-	4.19	-	.83	6	17	15	0	0	0	0	2	1	1	18	0	2.24	-
	Glenanne ...	21-9	438	11.8	6.4	9.0	-	15.5	4	1.5	9	-	-	5.65	-	1.27	6	19	15	0	0	0	0	1	2	0	3	0	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	5.58	138	1.16	10	17	13	-	-	-	-	-	-	-	-	-	2.20	78
Tyrone	Lough Bradan ...	9 9	554	11.2	3.2	7.2	-	15.6	3,4	-1.7	12,17	-	-	6.41	-	1.23	6	23	18	-	-	-	-	-	0	7	7	0	2.14	-
	Baronscourt Forest	9 9	290	12.2	5.2	8.7	-	16.7	3,4	-1.7	13	-	-	5.89	-	1.71	6	21	17	0	0	0	0	0	0	4	8	0	-	-
	Carrigans ...	21-9	371	11.9	5.9	8.9	-	16.8	1	-2.5	13	-	-	5.95	-	.99	6	22	18	1	0	1	0	0	0	2	6	0	-	-
	Lislap Forest ...	9 9	685	11.2	4.6	7.9	-	15.6	1	-1.1	12,13,24	10.2	-	6.39	119	1.01	9	21	17	1	0	0	0	0	0	5	8	0	-	-
	Knockmany Forest	9 9	239	12.1	4.7	8.4	-	16.1	1,3	-1.7	13,17	-	-	5.73	-	1.38	9	20	17	0	0	0	0	0	1	3	7	0	-	-
	Pomeroy Forest	9 9	540	11.3	5.1	8.2	-	16.1	4	-1.1	13	10.1	-	5.60	-	1.05	5	23	17	2	0	0	0	0	0	2	13	0	-	-
	Cookstown ...	9 9	253	11.7	5.2	8.5	-	16.1	4	-0.6	11,13	9.9	-	4.21	-	.83	5	19	15	-	-	-	-	-	-	2	12	-	-	-
Fermanagh	Roscor	9 9	470	12.1	6.1	9.1	-	17.2	3	1.1	24	-	-	6.98	139	1.62	6	21	18	-	-	-	-	-	0	0	10	0	-	-
	Lough Navar Forest	9 9	485	11.7	5.7	8.7	-	16.1	3	0.6	11,24	-	-	7.35	-	1.23	6	21	18	1	0	1	0	0	0	0	9	0	-	-
	Ely Lodge ...	21-9	210	12.4	6.7	9.5	-	16.7	3	0.2	11	10.5	11.9	6.09	-	1.11	6	22	18	(0)	(0)	(0)	(0)	(0)	0	0	4	(0)	2.06	-
	Castle Archdale Forest ¶§	9 9	215	12.0	5.3	8.7	-1.2	16.1	1,3,4	-1.1	13	10.5	-	6.38	-	.99	6	21	17	0	0	0	0	0	0	3	9	0	2.24	83
	Pubble Forest ...	9 9	290	12.1	4.9	8.5	-	16.1	1,3	-2.2	13,17	-	-	6.40	-	1.25	6	24	18	0	0	0	0	0	0	3	6	0	-	-
	CHANNEL ISLES																													
Guernsey	States Airport ...	21-9	340	13.3	9.4	11.3	-1.3	19.4	4	5.0	24	12.6	14.5	4.78	132	.88	7	22	17	0	0	0	6	6	1	0	0	2	3.62	-
Alderney	States Airport ...	9 9	288	13.4	8.8	11.1	-	19.4	4	3.9	10,24	12.3	-	3.46	-	.77	7	13	13	0	0	1	0	2	2	0	-	3	3.44	-
Jersey	Jersey Airport ...	9 9	273	13.4	8.4	10.9	-	20.0	4	4.9	11	-	-	6.09	179	1.54	7	17	13	0	-	6	0	7	1	0	2	8	3.78	-
	St. Helier ...	9 9	28	14.4	9.2	11.6	-1.7	20.0	4	6.1	21,24,31	-	-	5.66	181	1.42	10	18	15	0	-	0	0	0	1	0	-	0	3.88	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.91	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. § *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1964

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																				
0 SCOTLAND, N.		3	273	1010.9	-	7.5	0.4	9.9	94	6.4	0	4	5	2	19	1	0	1	0	0	0	0	5	10	11	4	0	5	12	11	3	4	0	0	0	12	5	4	3
Zetland	Lerwick Observatory H	9	273	1011.1	+3.1	8.2	0.5	10.2	93	6.6	0	3	4	10	13	1	0	0	1	0	0	1	5	12	6	6	0	1	13	14	3	4	0	1	1	11	4	6	1
		15	273	1010.8	-	8.7	0.8	10.2	90	7.0	0	2	0	17	12	0	0	0	0	0	1	0	5	9	8	8	0	1	16	14	0	4	0	1	0	15	4	4	3
		21	273	1011.5	-	7.6	0.4	9.9	93	5.9	1	4	5	8	11	2	0	2	0	0	1	0	6	8	10	4	0	2	13	13	3	1	0	2	0	10	7	5	3
		3	86	1011.4	-	7.8	0.7	9.7	90	4.8	5	6	2	8	10	0	0	0	0	0	1	0	3	6	12	9	0	2	12	13	4	3	1	0	2	11	4	6	0
Orkney	Kirkwall ... H	9	86	1011.8	-	8.7	0.9	10.0	88	5.8	0	4	5	16	6	0	0	0	0	0	0	1	0	6	11	13	0	2	8	18	3	2	0	0	2	9	8	4	3
		15	86	1011.4	-	9.8	1.3	10.1	83	5.6	1	5	4	12	9	0	0	0	0	0	1	1	2	6	8	13	0	2	13	15	1	2	1	1	2	11	1	7	5
		21	86	1012.0	-	7.8	0.7	9.6	90	4.5	2	9	6	5	9	0	0	0	0	0	0	1	3	5	12	10	0	1	12	14	4	1	0	1	3	13	3	5	1
		3	121	1011.4	-	7.5	0.8	9.3	89	4.3	3	9	4	10	5	0	0	0	0	1	0	0	5	3	11	11	0	0	10	17	4	1	1	0	1	13	2	6	3
Caithness	Wick ... H	9	121	1011.9	+3.0	8.3	0.9	9.8	88	6.1	1	3	2	18	7	0	0	0	0	0	0	1	3	7	9	11	0	0	9	18	4	0	0	0	3	10	2	8	4
		15	121	1011.6	-	10.0	1.4	10.1	81	5.5	2	5	2	16	6	0	0	0	0	0	0	1	7	6	7	10	0	1	8	22	0	2	0	2	8	8	0	6	5
		21	121	1012.1	-	7.5	0.7	9.4	89	5.0	1	6	9	6	9	0	0	0	0	0	1	0	6	4	11	9	0	0	9	16	6	0	0	0	3	9	2	8	3
		3	371	1010.6	-	8.8	1.3	9.4	82	5.1	1	8	6	6	9	1	0	1	0	0	0	0	0	5	1	24	1	2	6	21	1	3	2	1	1	3	10	7	3
Sutherland	Cape Wrath ... H	9	371	1010.8	-	9.3	1.5	9.5	80	6.2	1	2	3	16	9	0	0	0	0	0	0	0	1	7	3	20	1	1	6	21	2	1	1	2	2	4	14	1	4
		15	371	1010.8	-	10.0	1.7	9.7	79	6.2	1	0	7	13	10	0	0	0	0	0	0	0	2	4	5	20	1	4	6	17	3	5	1	1	0	1	13	3	4
		21	371	1011.0	-	9.2	1.4	9.5	81	5.3	0	8	5	6	10	2	0	2	0	0	0	0	2	3	2	22	0	3	4	18	6	2	0	2	3	2	7	5	4
		3	16	1011.6	-	7.4	0.5	9.8	93	4.3	6	6	3	8	8	0	0	0	0	0	0	0	6	10	8	7	0	2	7	16	6	2	0	2	1	10	5	3	2
Ross & Cromarty	Stornoway H	9	16	1011.8	+3.3	8.8	0.5	10.7	93	5.5	2	4	6	11	8	0	0	0	0	0	0	0	6	10	6	9	0	0	14	11	6	2	1	1	1	9	6	3	2
		15	16	1011.7	-	10.5	1.4	10.5	82	5.8	2	3	5	12	9	0	0	0	0	0	1	0	5	8	7	10	0	0	16	14	1	5	2	0	2	12	3	4	2
		21	16	1012.1	-	8.0	0.6	10.0	92	4.7	7	4	3	6	11	0	0	0	0	0	0	0	4	15	3	9	0	1	14	8	8	1	0	1	0	11	2	4	4
		3	21	1011.5	-	8.6	0.8	10.1	89	5.0	4	4	7	4	11	1	0	0	1	0	1	1	3	6	7	12	0	3	12	16	0	3	4	1	4	11	3	3	2
Inverness	Benbecula H	9	21	1011.7	-	9.7	1.0	10.6	87	6.2	1	3	3	13	11	0	0	0	0	0	2	1	3	9	8	8	0	2	14	14	1	1	3	2	4	10	1	4	5
		15	21	1011.6	-	10.8	1.5	10.7	82	6.2	0	2	5	15	9	0	0	0	0	0	1	2	4	7	5	12	0	5	16	10	0	4	1	1	2	13	2	3	5
		21	21	1012.1	-	9.1	1.1	10.1	86	5.4	2	4	5	11	9	0	0	0	0	0	1	0	6	8	7	9	1	4	14	11	1	3	2	0	3	9	3	2	8
1 SCOTLAND, E.																																													
		3	19	1012.2	-	6.7	0.8	8.9	89	4.8	5	3	9	9	7	0	0	0	0	0	0	0	4	6	9	12	0	2	6	21	2	0	0	2	1	8	13	1	4
Moray	Kinloss ... H	9	19	1012.6	-	8.0	1.0	9.4	87	5.5	1	5	5	17	3	0	0	0	0	0	0	0	5	3	7	16	0	1	5	22	3	0	0	1	1	4	17	3	2
		15	19	1012.1	-	11.3	2.0	10.4	77	5.6	2	5	2	13	9	0	0	0	0	0	0	0	6	4	10	11	0	1	8	21	1	2	2	2	1	3	8	11	1
		21	19	1012.1	-	7.8	0.9	9.5	89	5.0	2	6	7	7	9	0	0	0	0	0	1	1	4	7	6	12	0	0	9	18	4	1	0	1	4	6	10	4	1
		3	193	1012.5	-	6.2	0.5	9.0	92	5.9	1	3	7	7	12	1	0	1	2	0	1	5	6	5	7	4	0	1	4	12	14	0	0	0	2	6	2	2	5
Aberdeen	Dyce ... H	9	193	1013.0	+2.7	7.5	0.7	9.5	90	5.7	0	6	3	15	7	0	0	0	0	1	2	6	9	8	4	1	0	0	7	15	9	2	0	0	3	5	4	2	6
		15	193	1012.5	-	10.5	1.7	10.1	78	6.0	0	3	6	14	8	0	0	0	0	0	0	4	6	12	9	0	0	0	11	15	5	3	0	5	1	8	3	5	1
		21	193	1013.3	-	6.8	0.6	9.1	90	6.1	0	2	8	10	10	1	0	0	1	0	2	8	11	3	4	2	0	0	5	13	13	0	0	0	1	9	2	2	4
		3	108	1012.2	-	7.8	0.8	9.5	89	5.5	0	4	10	10	5	2	0	1	0	1	0	0	5	24	0	0	0	2	9	19	1	2	0	1	0	15	1	10	1
	Rattray Head ...	9	108	1012.5	-	8.5	1.0	9.8	87	6.0	0	1	8	19	2	1	0	0	0	1	0	0	5	16	9	0	1	0	8	21	1	3	0	1	2	12	2	9	1
		15	108	1012.4	-	10.4	1.6	10.1	79	5.3	0	2	11	16	2	0	0	0	0	0	0	1	6	9	15	0	0	1	14	14	2	3	0	3	1	11	3	6	2
		21	108	1013.0	-	8.1	0.9	9.5	87	5.2	0	7	7	13	3	1	0	0	1	0	0	0	7	19	4	0	1	1	12	14	3	2	0	0	2	15	4	3	2
		3	38	1012.6	-	6.9	0.5	9.4	92	5.7	2	4	5	9	9	2	0	2	1	0	1	1	11	5	7	3	0	1	3	21	6	0	3	0	1	1	7	12	-1
Fife	Leuchars ... H	9	38	1013.3	+2.4	7.6	0.7	9.5	90	6.6	0	1	4	20	6	0	0	0	1	0	2	3	4	5	6	10	0	0	5	16	10	2	1	0	1	0	2	14	1
		15	38	1012.6	-	10.9	1.7	10.5	79	6.2	0	4	3	16	8	0	0	0	0	0	0	2	4	6	13	6	0	0	10	19	2	0	2	5	6	0	5	8	3
		21	38	1013.2	-	7.5	0.6	9.7	91	5.7	3	3	4	10	11	0	0	0	1	2	2	0	10	5	6	5	0	0	5	19	7	3	0	0	4	0	6	10	1
		3	144	1013.4	-	6.2	0.5	9.0	92	4.8	4	7	4	4	11	1	0	0	1	4	1	4	10	6	4	1	0	0	6	12	13	0	2	2	0	1	10	1	2
Midlothian	Turnhouse H	9	144	1014.1		7.6	0.9	9.3	87	6.0	1	3	6	15	5	1	0	1	0	0	3	7	6	9	4	1	0	1	4	13	13	0	1	1	0	0	9	6	1
		15	144	1013.3	-	11.0	2.1	9.8	74	5.9	0	5	3	18	5	0	0	0	0	0	1	3	7	13	6	1	0	1	11	15	4	1	5	2	0	3	10	3	3
		21	144	1014.0	-	7.4	0.7	9.5	91	5.0	3	7	2	10	9	0	0	0	0	0	1	4	3	13	6	3	1	0	0	6	13	12	0	0	3	1	3	7	4	1
6a SCOTLAND, W.																																													
		3	34	1012.1	-	9.1	0.8	10.4	88	5.2	3	5	5	10	8	0	0	0	0	0	1	2	5	8	7	8	0	4	15	10	2	3	3	0	3	9	3	2	6
		9	34	1012.3	+2.5	10.2	1.0	11.0	87	6.3	0	2	6	11	12	0	0	0	0	0	1	1	9	6	6	8	0	4	15	8	4	1	3	1	5	7	3	3	4
Argyll	Tiree ... H	15	34	1012.0	-	11.3	1.6	10.9	81	5.7	0	7	1	15	8	0	0	0	0	0	0	1	8	8	2	12	0	4	17	6	4	5	0	0	5	8	3	2	4
		21	34	1012.7	-	9.7	1.2	10.4	85	5.3	3	5	4	9	10	0	0	0	0	0	2	0	8	4	9	8	0	7	14	10	0	6	2	2	4	7	4	0	6
		3	63	-	-	9.7	1.0	10.5	86	5.1	0	4	14	6	7	0	0	0	0	0	0	0	3	2	10	16	1	2	8	20	0	4	0	3	4	10	4	1	5
		9	63	-	-	10.2	1.2	10.7	85	6.1	0	2	7	14	8	0	0	0	0	0	0	0	1	6	12	12	1	2	9	19	0	3	3	2	3	12	3	3	2
	Rhuvaal ... H	15	63	-	-	11.1	1.4	11.0	82	6.3	0	2	4	16	9	0	0	0	0	0	1	0	5	3	13	9	0	4	10	17	0	4	2	0	4	10	5	1	5
		21	63	-	-	10.3	1.1	10.9	86	5.5	0	6	6	11	8	0	0	0	0	0	0	0	3	4	10	14	1	1	11	18	0	6	2	0	3	9	3	2	6
		3	29	1013.3	-	6.8	0.5	9.3	92	5.3	4	2	7	8	9	1	0	1	1	0	3	6	3	9	6	2	0	0	4	12	15	0	2	1	0	0	4	8	1
Renfrew	Renfrew ... H	9	29	1013.9	+2.3	8.0	0.8	9.7	89	5.7	3	4	3	13	8	0	0	0	0	4	7	5	10	4	0	1	0	0	3	14	14	0	1	3	0	1	7	4	1
		15	29	1013.1	-	11.4	2.0	10.4	76	6.4	0	2	4	14	11	0	0	0	0	0	3	3	19	2	4	0	0	0	9	15	7	3	3	3	1	2	7	5	0
		21	29	1013.7	-	8.4	0.7	10.0	89	5.4	4	4	3	7	13	0	0	0	0	1	5	11	7	4	3	0	0	0	2	19	10	0	4	2	1	3	2	8	1
		3	-	-	-	3.9	0.0	8.3	100	7.3	0	1	3	2	0	25	5	11	9	0	0	1	0	2	2	1	2	4	15	9	1	1	3	2	3	5	7	3	6
Lanark	Lowther Hill H	9	-	-	-	4.0	0.1	8.1	98	6.9	0	2	4	3	2	20	5	7	7	3	0	0	0	3	4	2	0	5	15	11	0	2	0	6	1	6	6	4	6
		15	-	-	-	5.5	0.6	8.3	91	7.3	0	1	1	8	7	14	3	8	3	0	0	0	6	4	4	3	1	4	13	11	2	2	1	3	2	6	5	6	4
		21	-	-	-	4.4	0.2	8.3	97	6.6	0	3	4	5	1	18	4	11	3	0	0	0	2	3	1	9	1	5	13	10	2	2	2	2	4	5	5	3	6
		3	69	1013.1	-	7.3	0.6	9.6	91	5.8	3	3	5	8	12	0	0	0	0	0	1	0	13	7	10	0	0	0	3	25	3	2	3	7	4	4	3	2	3
Ayr	Prestwick Airport H	9	69	1013.5	-	8.8	1.0	9.9	86	6.1	1	4	1	19	6	0	0	0	0	0	0	5	7	7	10	2	0	0	5	22	4	1	3	7	4	7	3	1	1
		15	69	1013.0	-	11.2	1.7	10.6	79	6.7	0	2	3	18	8	0	0	0	0	0	0	3	7	10	8	3	0	0	7	23	1	1	4	3	4	7	4	5	2
		21	69	1013.5	-	8.2	0.6	10.2	91	5.5	6	2	4	9	10	0	0	0	0	0	0	1	16	9	5	0	0	0	3	23	5	1	2	5	7	5	1	4	1
		3	778	1014.0	-	5.6	0.4	8.7	92	4.9	5	7	2	2	14	1	0	1	0	3	3	2	9	6	7	0	0	1	3	15	12	2	1	0	1	5	2	5	3
Dumfries	Eskdalemuir Observatory H	9	778	1014.6	+2.5	6.6	0.7	8.9	89	6.3	1	1	7	8	14	0	0	0	0	0	3	0	9	10	7	2	0	0	2	19	12	4	3	1	1	2	6	1	1
		15	778	1013.7	-	9.5	1.5	9.6	80	7.0	1	0	1	16	13	0	0	0	2	0	0	1	7	7	7	7	0	0	3	23	5	1	3	3	1	6	8	3	1
		21	778	1014.6	-	6.2	0.5	9.0	92	5.0	7	4	2	3	15	0	0	1	1	0	3	2	10	9	5	0	0	1	2	14	14	4	2	0	0	3	4	3	1
		3	260	1013.6	-	9.5	0.8	10.8	90	4.9	4	7	3	8	9	0	0	0	0	0	0	0	9	8	14	0	1	8	9	13	0	8	1	1	2	7	6	2	4
Wigtown	Mull of Galloway H	9	260	1014.2	-	9.8	0.8	10.9	89	6.2	0	2	7	15	7	0	0	0	0	0	0	1	7	5	17	1	0	7	11	10	3	4	0	2	4	6	6	2	4
		15	260	1013.8	-	10.7	1.0	11.2	87	6.3	1	1	6	13	10	0	0	0	0	0	0	2	8	5	15	1	0	4	16	10	1	2	1	5	4	6	7	3	2
		21	260	1014.2	-	10.0	0.9	11.0	88	6.2	1	4	2	9	13	2	1	1	0	0	0	0	11	6	12	0	1	4	14	11	1	4	1	3	1	6	7	4	4
6b ISLE OF MAN																																													
		3	68	1013.7	-	9.4	1.0	10.4	87	4.9	3	8	2	8	10	0	0	0	0	1	1	2	6	3	8	10	1	2	17	10	1	6	1	3	4	5	3	5	3
Isle of Man	Ronaldsway H	9	68	1014.3	-	10.3	1.1	11.0	87	6.2	0	3	4	24	0	0	0	0	0	0	0	2	6	11	9	3	0	2	15	14	0	3	2	3	4	4	5	5	5
		15	68	1013.8	-	11.3	1.5	11.1	82	6.3	1	3	2	16	9	0	0	0	0	0	1	2	7	8	2	11	0	2	16	12	1	1	2	7	4	3	5	6	2
		21	68	1014.2	-	9.5	1.0	10.5	87	4.5	4	8	3	6	9	1	0	1	0	0	0	1	5	8	7	9	1	6	10	13	1	5	4	3	5	2	5	5	1
		3	30	1013.1	-	9.8	1.0	10.7	87	4.6	5	4	5	11	6	0	0	0	0	0	1	0	3	10	15	2	0	5	10	16	0	2	1	0	6	8	3	7	4
	Point of Ayre H	9	30	1013.7	-	10.5	1.1	11.0	85	5.8	0	5	4	17	5	0	0	0	0	0	2	0	4	3	16	6	0	2	13	15	1	1	2	2	7	3	6	5	4
		15	30	1013.4	-	11.6	1.6	11.1	81	6.1	2	2	4	11	12	0	0	0	0	0	1	0	5	8	13	4	0	3	12	16	0	2	1	4	7	4	6	5	2
		21	30	1013.5	-	10.1	1.1	10.7	85	5.1	3	3	7	8	10	0	0	0	0	1	2	0	5	7	14	4	0	4	13	13	1	3	1	3	4	8	5	3	3
2 ENGLAND, N.E.		3	151	1013.3	-	6.9	0.4	9.5	94	5.9	1	4	6				0	2	1	1	1	4	5	5	8	4	0	1	5	20	5	4	1	1	1	6	2	8	3
		9	151	1013.8	-	8.5	0.8	10.1	89	6.4	0	2	5	1	1		0	1	0	0	3	7	5	4	5	6	0	1	7	18	5	2	0	0	1	4	5	6	8
Northumberland	Acklington H	15	151	1013.5	-	11.0	1.7	10.6	79	6.5	0	1	5	19	6	0	0	0	0	0	3	3	4	7	9	5	0	1	7	20	3	5	2	3	5	4	5	2	2
		21	151	1014.1	-	7.4	0.5	9.8	94	5.9	1	5	3	8	14	0	0	0	0	1	6	3	7	7	3	4	0	1	4	16	10	1	0	1	2	3	2	11	1

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 to 2	3 to 5	6 to 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
2 ENGLAND, N.E. —cont.																																												
Tynemouth H	3	130	1013.8	-	8.3	0.8	9.8	88	5.6	2	1	10	7	10	1	0	1	0	0	2	1	11	8	8	0	0	1	9	19	2	4	1	1	0	9	2	10	2
	9	130	1014.4	+2.1	8.5	1.2	9.4	83	6.2	0	0	11	11	8	1	0	0	1	0	7	5	11	5	2	0	0	1	12	15	3	0	2	1	0	9	3	9	4
	15	130	1014.1	-	11.1	2.2	9.8	73	6.1	0	2	8	13	8	0	0	0	0	0	3	6	5	9	8	0	0	1	11	15	4	5	0	4	3	6	2	7	0
	21	130	1014.6	-	9.4	1.2	10.0	84	5.6	0	5	8	3	15	0	0	0	0	2	4	1	12	8	4	0	0	1	6	19	5	1	1	2	2	6	3	9	2
Durham — Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding — Dishforth ... H	3	131	1014.2	-	5.9	0.4	9.0	94	5.0	6	2	4	9	7	3	0	5	0	3	5	5	7	1	5	0	0	0	2	20	9	7	0	0	6	1	3	3	2
	9	131	1015.0	-	7.5	0.8	9.3	88	5.0	0	11	3	11	3	3	0	1	3	2	7	0	4	5	6	3	0	1	6	20	4	8	1	2	6	2	2	2	4
	15	131	1014.2	-	11.6	2.3	9.9	72	5.7	0	4	6	16	5	0	0	0	0	2	2	2	6	5	9	5	0	1	8	19	3	4	1	4	3	5	4	5	2
	21	131	1015.0	-	7.4	0.7	9.3	89	4.9	5	5	4	4	12	1	0	0	2	2	3	4	10	7	2	1	0	0	3	22	6	4	0	2	5	3	3	4	4
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1014.2	-	8.1	1.0	9.5	86	5.7	1	2	7	17	4	0	0	1	0	1	3	3	5	12	6	0	1	3	7	19	1	3	0	1	2	16	1	5	2
	15	210	1014.3	-	11.2	2.2	9.8	73	5.4	1	3	10	13	4	0	0	0	0	0	0	2	11	7	10	1	0	2	8	17	4	2	1	5	1	7	2	4	5
	21	210	1017.8	-	8.2	1.0	9.6	87	4.8	3	5	7	9	7	0	0	0	0	1	1	6	8	10	5	0	1	1	6	22	1	1	3	2	1	17	4	1	1
Yorks., E. Riding — Leconfield H	3	28	1014.5	-	5.9	0.4	8.8	92	4.3	8	5	4	2	11	1	0	3	0	1	4	6	9	5	2	1	0	1	4	16	10	1	0	0	0	4	3	9	4
	9	28	1015.0	-	8.1	1.0	9.5	87	4.7	1	10	2	12	5	1	0	2	0	0	5	6	5	5	4	4	0	1	8	10	12	2	1	1	0	0	5	7	3
	15	28	1014.6	-	11.7	2.4	9.9	71	5.7	0	4	7	15	5	0	0	0	0	1	2	5	5	6	4	8	0	1	8	19	3	4	4	2	3	3	4	4	4
	21	28	1015.2	-	7.1	0.7	9.2	89	4.3	5	6	6	7	6	1	0	2	1	4	3	3	10	5	1	2	0	0	3	18	10	0	2	1	1	0	6	6	5
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln — Waddington H	3	227	1014.9	-	6.4	0.6	9.0	92	4.9	7	2	3	4	11	4	0	4	0	2	4	5	7	6	3	0	0	0	5	20	6	2	4	1	0	3	5	8	2
	9	227	1015.4	-	7.8	0.9	9.4	88	4.9	1	9	3	11	4	3	0	3	0	4	2	6	7	4	4	1	0	1	5	24	1	1	3	2	4	1	9	4	6
	15	227	1014.7	-	11.6	2.4	9.8	72	5.3	3	4	4	15	4	1	0	0	1	0	2	3	7	9	5	4	0	0	10	20	1	5	6	3	2	2	7	3	2
	21	227	1015.5	-	7.8	0.9	9.3	87	5.3	3	4	5	9	10	0	0	1	1	2	3	3	12	7	2	0	0	0	3	24	4	3	2	5	1	3	6	4	3
Binbrook ... H	3	356	1014.5	-	6.4	0.6	9.0	92	4.5	5	9	0	4	10	3	1	2	0	2	3	4	10	5	3	1	0	0	8	19	4	2	0	2	1	8	5	5	4
	9	356	1015.0	-	7.9	1.0	9.3	86	5.3	0	7	7	9	5	3	1	2	1	1	3	4	14	2	3	0	0	0	14	15	2	1	3	2	1	5	7	5	5
	15	356	1014.5	-	10.8	2.2	9.5	73	5.9	2	3	4	13	9	0	0	0	1	0	1	4	10	7	7	1	0	1	10	18	2	5	1	4	3	4	5	4	3
	21	356	1015.2	-	7.7	0.9	9.4	88	5.5	4	3	3	12	9	0	0	0	0	5	1	4	13	5	3	0	0	0	7	19	5	2	0	5	0	6	6	6	1
Manby ... H	3	47	1014.5	-	6.6	0.5	9.3	94	5.2	2	7	5	3	12	2	0	2	0	1	2	12	9	5	0	0	0	1	4	19	7	1	0	2	1	7	2	5	6
	9	47	1015.0	-	8.5	0.8	10.0	89	5.1	1	6	6	11	5	2	0	2	0	1	6	3	9	5	5	0	0	1	6	20	4	1	1	4	2	4	3	7	5
	15	47	1014.6	-	11.8	2.3	10.3	74	5.7	1	4	7	11	8	0	0	0	0	0	2	2	12	6	8	1	0	0	10	20	1	4	3	3	4	6	2	5	3
	21	47	1015.2	-	7.6	0.6	9.6	91	5.3	4	2	7	8	9	1	0	1	2	0	4	8	10	5	1	0	0	0	3	24	4	2	0	5	0	7	4	4	5
3 ENGLAND, E.																																												
Norfolk — Marham H	3	89	1014.8	-	6.1	0.4	9.0	95	4.5	7	6	2	3	11	2	0	3	0	4	3	7	9	4	1	0	0	0	7	18	6	3	2	2	4	6	2	2	4
	9	89	1015.5	-	8.0	0.7	9.8	90	5.5	2	5	4	10	6	4	0	4	0	2	1	6	9	8	1	0	0	1	8	18	4	0	3	2	4	5	4	6	3
	15	89	1014.8	-	11.8	2.0	10.7	78	5.4	3	5	2	13	8	0	0	0	0	0	4	0	16	7	3	1	0	1	8	21	1	2	3	3	1	10	2	4	5
	21	89	1015.4	-	7.1	0.6	9.4	92	3.7	12	3	3	5	8	0	0	1	1	3	2	8	10	6	0	0	0	1	4	21	5	5	2	0	4	6	6	0	3
West Raynham H	3	263	1014.6	-	6.2	0.5	9.0	94	4.2	5	8	5	3	9	1	1	1	2	2	3	5	7	9	1	0	0	0	7	21	3	0	4	1	2	6	4	8	3
	9	263	1015.1	-	8.1	0.8	9.7	89	5.2	2	6	5	10	6	2	0	2	2	2	4	4	5	8	4	0	0	1	10	18	2	0	3	3	0	7	4	8	4
	15	263	1014.5	-	11.3	2.3	9.7	73	5.4	3	5	4	11	8	0	0	0	0	0	2	4	9	7	8	1	0	0	15	12	4	2	3	2	3	5	4	4	4
	21	263	1015.2	-	7.1	0.6	9.3	91	3.9	7	7	3	8	6	0	0	0	0	3	3	11	6	6	2	0	0	0	7	22	2	4	4	1	4	4	4	5	3
Coltishall ... H	3	57	1014.3	-	6.9	0.8	9.0	90	4.7	8	3	4	5	10	1	0	2	0	4	2	6	9	7	1	0	0	0	3	20	8	1	3	1	0	6	2	8	2
	9	57	1014.9	-	9.0	1.1	9.8	85	5.4	3	4	4	12	7	1	0	2	0	1	7	5	3	10	3	0	0	1	10	14	6	0	3	2	0	4	4	10	2
	15	57	1014.4	-	11.6	2.5	9.6	71	5.5	3	3	4	12	9	0	0	0	0	0	1	4	10	10	6	0	0	0	12	16	3	1	4	4	3	3	5	3	5
	21	57	1014.9	-	8.0	1.0	9.4	87	4.2	7	6	3	6	8	1	0	1	0	6	2	5	7	10	0	0	0	0	5	20	6	2	4	2	2	3	5	6	1
Gorleston H	3	26	1014.7	-	8.3	0.7	10.1	91	4.9	8	1	5	5	12	0	0	1	1	1	0	3	15	10	0	0	0	0	10	21	0	1	2	3	1	5	4	10	5
	9	26	1015.1	+0.6	9.0	0.9	10.3	89	4.9	4	3	6	12	6	0	2	0	0	0	5	1	16	7	0	0	0	2	11	15	3	0	2	3	1	3	2	12	5
	15	26	1014.7	-	11.3	1.5	11.1	82	5.0	5	2	7	7	10	0	0	0	0	0	3	3	15	10	0	0	0	2	14	13	2	1	5	4	1	6	2	5	5
	21	26	1015.0	-	9.4	0.8	10.7	89	3.7	10	6	3	4	8	0	0	0	0	0	4	0	17	10	0	0	0	1	13	13	4	1	2	5	0	6	3	8	2
Suffolk — Mildenhall H	3	39	1014.9	-	5.8	0.4	8.8	93	4.4	8	4	5	2	11	1	0	2	1	2	5	7	7	5	2	0	0	0	3	23	5	3	2	2	1	5	5	6	2
	9	39	1015.5	-	8.1	0.9	9.7	88	5.1	5	6	2	5	11	2	0	2	1	2	5	7	4	8	2	0	0	1	3	23	4	1	3	2	2	4	2	7	6
	15	39	1014.7	-	12.3	2.6	10.1	71	5.4	3	5	4	10	9	0	0	0	0	1	2	3	9	11	4	1	0	0	5	23	3	2	2	2	3	4	4	6	5
	21	39	1015.4	-	7.3	0.8	9.3	89	4.2	8	5	3	7	8	0	0	0	2	1	5	10	6	6	1	0	0	0	1	27	3	2	4	0	5	4	5	5	3
Wattisham H	3	299	1014.9	-	6.0	0.2	9.2	97	4.4	9	3	4	4	11	0	0	2	1	1	5	7	9	6	0	0	0	0	6	23	2	3	4	1	1	5	6	6	3
	9	299	1015.5	-	8.1	0.5	10.1	92	5.0	3	5	6	8	8	1	0	3	1	0	3	6	7	7	4	0	0	1	7	22	1	3	5	0	1	3	5	7	6
	15	299	1014.8	-	11.1	1.9	10.2	77	5.1	3	6	4	10	8	0	0	0	0	1	1	4	11	9	5	0	0	1	9	19	2	2	3	1	3	3	6	3	8
	21	299	1015.5	-	7.1	0.4	9.7	94	3.6	11	5	2	4	9	0	0	0	0	0	4	10	12	4	1	0	0	0	3	25	3	4	3	2	0	7	5	5	2
Aldeburgh H	3	35	1015.1	-	8.3	0.9	9.7	87	3.6	13	1	5	3	9	0	0	0	0	1	0	1	18	11	0	0	0	0	11	20	0	2	2	3	2	1	6	11	4
	9	35	1015.6	-	9.2	1.1	10.1	86	5.2	3	4	7	6	11	0	0	0	1	0	1	5	16	8	0	0	0	1	10	20	0	3	3	3	0	3	3	10	6
	15	35	1015.2	-	11.5	2.1	10.2	74	5.7	3	2	7	5	14	0	0	0	0	0	1	4	12	14	0	0	0	0	10	21	0	2	6	2	0	10	2	3	6
	21	35	1015.4	-	9.3	1.2	10.1	84	3.5	12	3	5	2	9	0	0	0	0	0	1	2	18	10	0	0	0	1	11	19	0	3	3	3	1	4	5	7	5
Huntingdon — Wyton ... H	3	141	1015.0	-	6.7	0.8	8.9	89	4.4	11	0	3	7	9	1	0	2	1	0	3	10	8	7	0	0	0	0	8	17	6	3	3	0	0	5	4	4	6
	9	141	1015.7	-	7.9	1.0	9.3	86	5.2	3	7	1	8	9	3	0	3	1	1	7	4	7	6	2	0	0	0	10	16	5	1	4	1	3	2	5	7	3
	15	141	1014.8	-	12.2	2.8	9.8	68	5.6	3	2	5	12	9	0	0	0	0	1	1	8	9	8	4	0	0	0	11	16	4	2	5	2	2	0	7	6	3
	21	141	1015.6	-	8.1	1.1	9.3	85	4.5	9	4	1	3	14	0	0	0	0	3	3	10	10	4	1	0	0	0	4	22	5	1	5	1	2	3	6	5	3
Bedford — Cardington H	3	96	1015.2	-	5.9	0.4	8.9	94	4.7	8	4	1	6	11	1	0	2	1	2	6	2	15	3	0	0	0	0	3	23	5	0	6	1	0	5	6	7	1
	9	96	1015.8	-	7.7	0.7	9.6	90	5.2	4	5	2	11	8	1	0	3	1	3	4	3	9	7	1	0	0	0	7	16	8	1	3	0	1	4	5	8	1
	15	96	1014.9	-	12.4	2.7	10.1	70	5.6	3	3	3	13	9	0	0	0	0	0	2	0	13	12	4	0	0	0	7	23	1	3	3	3	1	2	7	9	2
	21	96	1015.6	-	7.4	0.6	9.5	91	4.3	7	4	5	8	7	0	0	1	0	0	4	6	15	5	0	0	0	0	3	22	6	1	6	0	2	6	5	4	1
Hertford — Bovingdon H	3	517	1015.7	-	6.1	0.5	8.8	91	4.0	8	5	4	8	5	1	0	2	1	2	5	5	6	9	1	0	0	0	3	21	7	4	3	0	0	3	4	5	5
	9	517	1016.2	-	7.7	0.8	9.5	89	4.8	3	8	1	12	7	0	0	0	2	4	3	4	9	7	1	1	0	0	6	19	6	2	3	1	1	7	0	7	4
	15	517	1015.1	-	11.6	2.7	9.5	69	5.0	4	5	3	13	6	0	0	0	0	0	0	3	18	4	6	0	0	0	7	22	2	2	3	3	1	3	4	10	3
	21	517	1016.1	-	7.3	0.8	9.2	88	4.5	7	4	4	9	7	0	0	1	0	0	3	8	13	5	1	0	0	0	2	21	8	3	4	0	0	5	3	4	4
Essex — Stansted H	3	334	1015.2	-	6.0	0.4	8.9	93	4.5	11	1	2	5	12	0	0	2	0	4	1	8	8	6	2	0	0	0	3	21	7	5	2	1	2	3	3	7	1
	9	334	1015.8	-	8.0	0.9	9.5	88	4.5	4	7	6	6	7	1	0	1	1	1	4	9	4	5	5	1	0	0	9	15	7	2	2	2	1	2	4	6	5
	15	334	1014.8	-	11.9	2.9	9.3	67	5.3	4	3	4	13	7	0	0	0	0	0	0	3	12	8	5	3	0	0	9	20	2	1	3	4	1	4	5	6	5
	21	334	1015.8	-	7.5	0.9	9.2	87	4.5	7	3	5	6	10	0	0	1	0	0	2	9	11	6	2	0	0	0	3	22	6	2	4	1	1	5	4	5	3
Shoeburyness H	9	17	1015.6	+0.3	9.2	1.1	10.0	85	5.4	2	5	4	11	7	2	0	2	1	0	4	8	12	3	1	0	0	1	6	20	4	3	2	1	1	3	4	7	6
	15	17	1014.8	-	12.2	1.5	10.2	71	4.9	3	6	5	9	8	0	0	0	0	0	4	5	13	8	1	0	0	0	9	18	4	1	4	3	4	0	1	10	4
	21	17	1015.5	-	8.7	0.9	9.9	87	3.8	10	3	5	5	8	0	0	1	0	1	0	7	19	3	0	0	0	0	8	21	2	6	1	2	1	2	7	7	3
Walton-on-Naze ... H	3	21	1014.9	-	8.1	0.8	9.8	90	4.0	12	2	2	3	12	0	1	0	0	0	1	5	19	5	0	0	0	0	11	18	2	4	1	4	0	3	2	7	8
	9	21	1015.7	-	9.3	1.1	10.2	86	4.9	3	4	8	7	9	0	1	1	1	0	3	5	17	3	0	0	0	1	10	18	2	0	1	4	1	1	3	8	11
	15	21	1014.9	-	11.7	2.1	10.4	75	5.1	5	1	6	12	7	0	0	0	0	1	2	6	17	5	0	0	0	0	12	16	3	1	3	4	2	4	2	5	7
	21	21	1015.4	-	9.3	1.1	10.3	86	4.3	5	8	6	2	10	0	0	0	0	0	1	4	19	7	0	0	0	0	8	21	2	0	2	6	1	3	4	8	5
4 MIDLAND COUNTIES																																												
Yorks, W.R. — Huddersfield Oakes H	3	769	1014.1	-	6.0	0.6	8.7	91	5.5	4	0	8	6	12	1	0	5	1	0	3	4	13	2	3	0	1	0	5	20	5	1	2	4	2	1	7	4	5
	9	769	1014.7	-	8.0	1.0	9.4	87	4.6	4	6	5	8	8	0	0	1	1	2	5	6	11	4	1	0	0	1	4	23	3	3	2	3	1	2	5	10	2
	15	769	1014.1	-	10.3	2.2	9.1	72	5.8	1	1	10	8	11	0	0	0	0	2	0	6	9	5	8	1	0	0	8	20	3	2	5	4	2	4	3	7	1
	21	769	1014.9	-	7.0	0.7	9.1	89	5.0	6	3	3	8	11	0	0	0	0	6	1	7	11	2	3	1	0	0	4	11	16	0	3	3	0	4	1	4	0

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 to 2	3 to 5	6 to 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12) Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1014.8	-	6.2	0.5	9.0	95	4.0	10	4	2	5	10	0	0	2	1	6	6	3	9	4	0	0	0	0	2	20	9	2	1	3	1	0	4	6	5
	9	390	1015.4	-	7.8	0.7	9.6	90	5.2	0	8	6	8	5	4	0	4	3	4	5	4	7	4	0	0	0	0	2	23	6	1	2	4	0	1	6	7	4
	15	390	1014.3	-	11.7	2.3	10.1	73	5.8	2	2	5	15	7	0	0	0	1	2	3	3	11	5	6	0	0	0	6	21	4	0	1	7	2	2	3	9	3
	21	390	1015.5	-	7.3	0.6	9.4	91	5.1	6	3	3	8	11	0	0	1	1	4	11	5	8	1	0	0	0	3	21	7	2	3	4	0	2	3	7	3
Finningley H	3	46	1014.5	-	6.4	0.6	9.0	91	4.9	9	0	4	5	11	2	2	3	4	3	2	6	4	4	3	0	0	1	5	14	11	2	3	2	0	4	1	4	4
	9	46	1015.1	-	8.0	0.9	9.5	88	4.8	3	6	5	9	6	2	0	2	1	7	5	3	9	4	0	0	0	0	7	17	7	3	4	0	2	5	2	2	6
	15	46	1014.5	-	12.4	2.9	9.8	67	5.6	3	2	6	13	7	0	0	0	0	1	3	2	8	9	7	1	0	1	8	16	6	3	2	4	1	3	5	3	4
	21	46	1015.2	-	8.1	0.9	9.5	87	5.0	6	2	5	10	7	1	0	0	1	3	6	8	11	1	1	0	0	1	5	15	10	5	2	1	0	5	3	3	2
Northampton Wittering H	3	219	1014.9	-	6.4	0.6	8.9	91	4.4	7	5	4	3	11	1	0	2	0	1	4	7	8	6	2	1	0	1	5	24	1	2	4	1	1	7	1	9	5
	9	219	1015.5	-	7.8	0.9	9.4	87	5.1	3	6	3	11	7	1	0	1	1	3	4	7	2	6	6	1	0	2	8	19	2	2	4	0	3	3	3	9	5
	15	219	1014.4	-	11.9	2.7	9.7	69	5.4	3	4	4	12	8	0	0	0	0	0	4	1	9	10	7	0	0	0	13	16	2	3	4	4	1	3	4	6	4
	21	219	1015.4	-	7.9	0.9	9.5	87	5.0	6	2	5	7	11	0	0	0	0	2	1	11	11	4	2	0	0	0	4	22	5	4	3	1	0	5	4	5	4
Warwick Edgbaston H	9	542	1015.9	-	7.7	0.8	9.5	89	4.3	6	7	2	7	7	2	0	0	2	4	5	8	9	3	0	0	0	0	4	27	0	2	2	2	2	7	6	7	3
	15	542	1015.1	-	11.4	2.6	9.3	69		2	3	9	7	10	0	0	0	0	1	3	5	10	10	1	1	0	0	7	23	1	3	2	5	0	3	9	3	5
	21	542	1015.7	-	8.4	0.9	9.7	87	5.1	6	4	2	6	12	1	0	0	0	2	7	5	12	4	1	0	0	0	4	26	1	2	1	5	1	6	5	4	6
Elmdon ... H	3	362	1015.2	-	5.5	0.4	8.7	94	4.4	8	3	5	6	8	1	0	6	0	3	5	5	2	8	1	1	0	0	5	12	14	1	0	0	0	5	2	5	4
	9	362	1015.6	-	7.5	0.8	9.4	89	4.6	3	7	8	3	7	3	0	2	4	2	6	9	6	2	0	0	0	0	7	17	7	3	1	1	1	4	5	3	6
	15	362	1014.8	-	11.8	2.8	9.4	68	5.5	2	3	8	12	6	0	0	0	0	0	0	9	12	8	2	0	0	0	8	21	2	1	3	3	3	2	8	4	5
	21	362	1015.2	-	7.2	0.8	9.1	89	4.6	8	3	4	6	9	1	0	0	1	4	8	7	9	1	1	0	0	0	3	20	8	0	2	2	0	6	4	6	3
Shropshire Shawbury H	3	249	1015.0	-	5.6	0.3	8.8	96	5.0	6	2	6	6	10	1	0	3	3	3	2	3	5	6	4	2	0	0	4	15	12	0	2	1	0	5	2	8	1
	9	249	1015.6	-	7.5	0.6	9.7	92	5.1	1	6	8	7	5	4	0	2	2	2	3	3	8	2	6	3	0	1	4	16	10	1	1	1	3	4	3	7	1
	15	249	1014.6	-	11.9	2.4	10.2	73	6.0	2	2	2	18	7	0	0	0	0	0	0	3	6	13	4	5	0	0	12	19	0	1	0	9	2	3	5	9	2
	21	249	1015.5	-	7.8	0.7	9.7	91	5.6	5	0	4	11	11	0	0	0	0	2	2	4	9	10	4	0	0	0	2	25	4	2	2	5	2	7	4	3	2
Worcester Pershore ... H	3	117	1015.6	-	6.1	0.5	9.0	93	3.8	13	2	1	6	8	1	1	0	1	4	0	10	7	3	4	1	0	1	4	13	13	0	4	0	0	3	6	4	1
	9	117	1016.2	-	7.7	0.7	9.6	90	5.4	4	3	5	8	8	3	0	3	0	1	9	3	3	9	1	2	0	0	4	16	11	0	1	3	2	2	6	5	1
	15	117	1015.2	-	12.4	2.7	9.9	69	5.4	2	5	6	12	6	0	0	0	0	1	2	1	9	8	8	2	0	2	7	19	3	2	4	2	1	1	5	8	5
	21	117	1016.0	-	8.1	0.9	9.6	88	4.5	8	4	1	10	8	0	0	0	0	2	1	5	14	6	2	1	0	0	3	21	7	2	3	4	1	3	5	4	2
Hereford Ross-on-Wye H	9	226	1015.9	+1.1	7.6	0.7	9.5	90	5.7	3	2	5	12	8	1	0	3	0	1	4	4	7	0	10	2	0	0	2	23	6	0	0	4	0	7	8	4	2
	15	226	1014.8	-	12.0	2.6	9.8	70	5.6	3	3	5	9	11	0	0	0	0	0	0	4	10	4	12	1	0	0	5	25	1	6	1	3	2	5	6	4	3
	21	226	1015.6	-	8.4	0.9	9.8	88	5.3	4	7	0	6	14	0	0	0	0	0	3	4	14	2	8	0	0	0	1	27	3	2	3	6	0	6	6	2	3
Gloucester Filton ... H	3	197	1015.7	-	7.3	0.5	9.6	92	3.9	10	3	4	4	10	0	0	0	1	0	4	7	10	9	0	0	0	0	2	20	9	5	3	0	1	3	1	8	1
	9	197	1016.2	-	8.6	0.8	10.1	89	5.4	3	3	6	11	8	0	0	0	0	6	3	5	8	8	1	0	0	0	2	23	6	1	6	1	3	2	5	7	0
	15	197	1015.2	-	12.3	2.3	10.5	73	5.3	2	4	6	10	9	0	0	0	0	0	2	5	6	10	7	1	0	0	7	23	1	2	5	3	3	1	7	7	2
	21	197	1015.8	-	9.0	0.8	10.2	88	5.1	4	5	4	6	12	0	0	0	0	0	3	13	10	4	1	0	0	0	4	15	12	4	2	1	0	2	5	4	1
Gloucester H	3	79	1015.8	-	7.1	0.6	9.4	91	4.2	12	2	0	7	9	1	0	1	0	0	8	8	8	3	3	0	0	1	2	19	9	1	4	0	0	4	6	4	3
	9	79	1016.4	-	8.2	0.8	9.9	90	6.0	1	4	3	13	7	3	0	3	0	2	4	6	5	8	1	2	0	0	1	21	9	2	2	0	2	5	6	2	3
	15	79	1015.4	-	12.7	2.8	10.1	69	5.6	5	1	3	13	9	0	0	0	0	0	3	4	5	8	10	1	0	0	5	24	2	1	3	2	1	2	11	5	4
	21	79	1016.0	-	9.0	1.1	10.0	86	5.1	7	2	3	6	13	0	0	0	0	0	2	7	5	9	5	3	0	0	2	17	12	2	3	0	1	6	5	1	1
Little Rissington H	3	751	1015.5	-	6.5	0.3	9.3	95	4.3	8	3	6	4	5	5	0	4	2	1	2	4	6	7	4	1	0	1	3	24	3	2	6	2	1	2	6	5	4
	9	751	1016.1	-	7.4	0.5	9.7	92		1	8	3	13	1	5	1	1	2	2	1	5	3	8	7	1	0	0	7	22	2	1	4	3	1	2	6	7	5
	15	751	1015.1	-	10.9	2.0	10.0	76	5.4	3	5	3	11	9	0	0	0	0	0	2	5	4	7	6	7	0	0	11	20	0	3	3	2	2	4	7	4	6
	21	751	1016.0	-	7.8	0.7	9.7	90	5.1	7	3	1	8	10	2	0	1	0	2	1	3	6	10	6	2	0	0	6	24	1	1	3	5	2	3	6	7	3
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	86	1015.2	-	7.0	0.7	9.2	91	4.4	8	3	4	11	4	1	0	1	0	1	5	8	6	7	3	0	0	0	4	20	7	7	1	0	2	4	1	7	2
	9	86	1016.0	-	8.2	1.0	9.5	87	5.1	3	3	7	8	9	1	0	1	1	2	4	7	9	2	5	0	0	1	5	22	3	3	3	1	2	2	5	7	5
	15	86	1014.9	-	12.9	3.0	9.9	66	5.0	2	6	6	10	7	0	0	0	0	0	0	4	14	4	8	1	0	0	10	20	1	2	5	3	1	5	4	7	3
	21	86								8	5	3	4	11	0	0	0	0	0	5	8	10	5	3	0	0	0	4	24	3	2	4	1	2	5	6	8	0
Surrey Kew Observatory H	9	34	1016.2	+0.9	8.6	1.2	9.4	84	5.3	3	3	6	9	8	2	0	2	1	4	1	6	9	2	3	3	0	1	2	22	6	0	4	0	2	1	8	6	4
	15	34	1015.0	-	12.8	3.2	9.5	64	5.5	2	2	7	13	7	0	0	0	0	0	0	5	13	5	7	1	0	0	12	17	2	1	5	3	0	3	4	5	8
	21	34	1016.0	-	9.1	1.2	9.8	84	4.7	7	5	1	7	11	0	0	1	2	0	4	3	14	5	2	0	0	0	3	25	3	1	5	2	1	3	7	8	1
Gatwick H	3	195	1015.5	-	5.2	0.3	8.6	95	4.1	10	4	2	5	8	2	0	2	2	2	7	5	3	6	3	1	0	0	2	17	12	5	1	1	0	2	1	6	3
	9	195	1016.2	-	7.4	0.6	9.5	91	5.2	2	2	11	11	4	1	0	3	0	2	6	4	7	5	3	1	0	1	1	21	8	3	7	1	0	0	3	4	5
	15	195	1015.1	-	12.5	2.6	10.3	71	4.8	3	6	6	10	6	0	0	0	0	0	0	6	10	8	5	2	0	0	10	21	0	1	3	6	2	2	2	9	6
	21	195	1016.0	-	6.5	0.4	9.2	93	3.9	9	5	4	6	7	0	0	0	1	6	4	4	9	5	1	1	0	0	2	20	9	3	3	0	0	3	4	5	4
Kent Deal ... H	3	34	1015.2	-	8.1	0.9	9.7	88	4.4	10	3	2	4	12	0	1	0	0	0	0	5	8	15	2	0	0	0	7	22	2	1	2	3	1	4	4	12	2
	9	34	1015.7	-	9.7	1.1	10.4	86	5.2	5	3	5	5	11	2	0	2	0	1	1	6	12	7	2	0	0	0	11	18	2	0	3	2	2	3	2	12	5
	15	34	1015.3	-	12.5	2.4	10.7	73	4.7	3	7	4	8	9	0	0	0	0	0	2	5	12	10	2	0	0	2	9	17	3	1	4	2	1	6	2	5	7
	21	34	1015.5	-	9.3	1.0	10.3	86	3.5	7	8	4	2	10	0	0	0	0	1	0	8	10	9	3	0	1	1	6	19	4	0	3	4	1	1	5	11	2
Manston ... H	3	148	1015.2	-	7.7	0.8	9.5	90	4.3	8	4	4	6	9	0	0	1	1	1	0	3	13	6	6	0	0	1	9	17	4	1	3	3	1	6	5	5	3
	9	148	1015.8	-	9.7	1.1	10.5	86	4.8	3	6	6	7	8	1	0	1	0	3	1	3	14	4	3	2	0	3	9	15	4	0	2	3	1	5	2	7	7
	15	148	1015.1	-	12.1	2.4	10.3	73	4.6	4	2	13	5	7	0	0	0	0	0	0	1	3	13	6	8	0	0	16	13	2	0	5	3	1	6	3	6	5
	21	148	1015.7	-	8.4	0.8	9.9	89	3.7	9	4	8	1	9	0	0	0	0	0	1	6	16	5	3	0	0	0	8	20	3	1	4	2	3	3	6	6	3
Sussex Thorney Island H	3	35	1015.6	-	7.6	0.6	9.7	92	3.8	12	2	4	6	6	1	0	0	1	1	1	5	11	7	5	0	0	0	2	25	4	5	8	2	0	1	2	7	2
	9	35	1016.3	-	8.7	0.7	10.4	91	4.8	3	6	7	7	7	1	0	1	0	0	1	8	12	4	5	0	0	0	4	18	9	3	4	3	0	0	2	7	3
	15	35	1015.3	-	13.2	2.6	10.9	71	4.9	4	3	8	9	7	0	0	0	0	0	2	4	7	9	7	2	0	0	4	26	1	3	2	6	2	5	0	8	4
	21	35	1016.3	-	8.3	0.7	10.1	91	4.5	4	7	5	7	8	0	0	0	0	0	2	3	9	9	2	6	0	0	3	19	9	2	6	3	0	1	1	7	2
East Hoathly H	9	133	1016.3	-	8.1	0.7	9.9	90	4.9	1	7	8	9	5	1	0	0	0	1	2	5	5	8	5	4	1	0	1	4	17	9	3	2	1	2	3	0	5	6
	15	133	1015.2	-	12.6	2.7	10.3	68	4.8	1	9	5	10	6	0	0	0	0	0	1	2	13	10	5	0	0	0	10	16	5	0	4	4	2	4	1	6	5
	21	133	1016.2	-	6.7	0.5	9.4	93	4.0	6	9	3	3	9	1	0	0	0	0	4	4	5	9	3	6	0	0	3	14	14	2	2	5	0	1	1	4	2
Eastbourne Coastguard H	9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Berkshire Abingdon H	3	234	1015.7	-	6.2	0.3	9.1	94	4.2	8	7	0	5	10	1	1	0	0	3	6	7	4	9	1	0	0	0	3	17	11	2	5	0	0	2	1	7	3
	9	234	1016.2	-	7.7	0.7	9.6	90	5.3	2	7	3	10	6	3	1	1	1	4	4	3	7	6	2	2	0	0	3	17	11	2	3	0	2	2	2	9	0
	15	234	1015.2	-	12.3	2.3	10.5	73	5.5	3	2	7	10	9	0	0	0	0	0	1	4	7	9	10	0	0	0	5	24	2	3	4	2	2	3	4	8	3
	21	234	1016.0	-	8.0	0.6	9.9	91	4.7	8	3	3	6	11	0	0	0	0	1	5	11	5	6	3	0	0	0	3	18	10	1	5	2	1	1	4	4	3
Hampshire Hurn ... H	3	46	1015.5	-	6.5	0.5	9.2	93	3.9	9	5	4	4	6	3	0	2	0	1	3	8	7	8	2	0	0	0	3	19	9	5	3	1	0	1	4	5	3
	9	46	1016.1	-	8.6	0.9	10.1	89	5.2	3	4	7	7	9	1	0	0	0	1	3	9	9	4	3	2	0	1	4	20	6	3	5	4	0	1	1	8	3
	15	46	1015.2	-	13.2	2.9	10.4	68	5.1	3	3	8	11	6	0	0	0	0	0	2	4	9	8	6	2	0	0	7	22	2	1	7	1	2	5	3	8	2
	21	46	1016.0	-	8.0	0.7	9.8	90	4.8	4	6	5	8	7	1	0	0	0	1	1	3	7	9	7	3	0	0	5	15	11	1	5	1	0	1	1	10	1
S. Farnborough H	3	231	1015.8	-	6.1	0.5	8.8	92	4.4	11	2	1	6	9	2	0	2	0	1	4	8	5	5	4	2	0	0	4	15	12	2	2	0	1	3	1	9	1
	9	231	1016.4	+1.1	7.9	0.8	9.5	88	4.6	3	8	3	11	5	1	0	0	1	2	6	2	8	4	3	5	0	1	4	19	7	1	3	2	2	2	3	10	1
	15	231	1015.2	-	12.6	2.9	10.0	68	4.8	2	7	7	9	6	0	0	0	0	0	1	4	10	3	7	6	0	1	8	18	4	2	2	3	2	0	8	7	3
	21	231	1016.2	-	7.8	0.8	9.5	88	4.7	8	3	3	6	11	0	0	0	0	2	2	7	12	3	3	2	0	0	4	19	8	2	3	1	3	3	3	8	0
Wiltshire Lyneham H	3	489	1015.9	-	6.2	0.5	8.9	93	4.2	9	5	2	6	8	1	0	1	0	1	6	6	7	7	2	1	0	0	8	22	1	1	6	2	1	7	5	6	2
	9	489	1016.4	-	7.5	0.7	9.5	91	5.2	2	5	4	14	4	2	0	3	0	0	4	7	5	7	3	2	0	0	6	24	1	1	2	5	2	6	5	8	0
	15	489	1015.4	-	11.3	2.4	9.6	72	5.2	3	3	7	10	8	0	0	0	0	1	0	2	5	9	11	3	0	0	13	18	0	1	6	2	0	3	6	9	4
	21	489	1016.2	-	8.1	1.0	9.5	87	5.1	5	5	3	8	10	0	0	1	0	0	2	4	11	10	3	0	0	0	9	21	1	1	6	2	2	6	6	4	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12) Beaufort Force: 34 or more (Speed in knots 22 to 33)	8 or more (11 to 21)	6, 7 (1 to 10)	4, 5	1 to 3	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																	
5 ENGLAND, S.E. —cont.																																									
Boscombe Down H	3	419	1016.0	-	6.6	0.6	9.1	92	3.6	12	5	1	3	9	1	0	2	0	0	4	3	7	11	3	1	0	0	5	23	3	2	1	8	2	2	3	5	5
	9	419	1016.5	-	8.1	0.8	9.7	89	5.1	2	7	3	10	7	2	0	1	1	1	3	6	6	6	6	1	0	0	7	19	5	1	2	7	3	1	1	5	6
	15	419	1015.5	-	12.2	0.8	9.7	68	5.2	3	3	7	10	8	0	0	0	0	0	3	2	6	10	7	3	0	0	10	18	3	2	2	7	0	3	1	8	5
	21	419	1016.4	-	8.1	0.9	9.6	88	4.8	5	6	2	9	9	0	0	0	0	1	1	7	9	9	4	0	0	0	8	16	7	0	3	4	1	5	4	6	1
Upavon ... H	9	582	1016.2	-	7.7	0.6	9.7	92	5.0	3	6	3	11	6	2	0	2	0	2	2	3	12	7	2	1	0	1	5	21	4	5	3	3	2	4	2	3	5
	15	582	1015.1	-	11.6	2.4	10.0	73	5.4	3	3	6	10	9	0	0	0	1	1	1	3	6	8	5	6	0	0	11	16	4	4	1	5	1	4	0	6	6
	21	587	1016.0	-	7.7	0.6	9.7	91	4.8	6	7	1	9	8	0	0	0	0	1	2	4	11	6	6	1	0	0	7	14	10	1	2	5	0	2	1	6	4
7a ENGLAND, N.W.																																									
Cumberland Carlisle ... H	3	92	1014.2	-	7.1	0.6	9.4	91	5.3	3	5	5	6	11	1	0	1	1	0	2	6	9	7	4	1	0	0	4	19	8	2	1	3	4	4	0	7	2
	9	92	1014.9	-	8.0	0.9	9.6	88	5.5	2	3	7	13	6	0	0	0	0	0	0	10	10	7	2	2	0	0	3	19	9	0	1	6	5	3	3	2	2
	15	92	1014.1	-	11.7	2.2	10.2	74	6.4	1	2	2	17	9	0	0	0	0	0	0	5	10	9	4	3	0	1	6	17	7	4	1	4	3	1	5	6	0
	21	92	1014.8	-	7.9	0.8	9.7	89	5.5	6	2	2	8	13	0	0	0	1	0	6	3	9	6	6	0	0	0	2	23	6	4	0	7	4	2	3	4	1
Lancashire Squires Gate H	3	35	1014.1	-	7.5	0.5	9.7	92	4.8	6	3	4	10	8	0	0	1	1	3	4	2	9	5	6	0	0	3	9	17	2	4	2	5	6	6	0	2	4
	9	35	1014.8	-	9.3	0.9	10.5	89	5.1	3	5	4	12	7	0	0	0	0	2	7	10	8	2	2	0	0	2	8	20	1	3	3	6	9	5	0	2	2
	15	35	1014.1	-	12.1	2.1	10.8	76	6.1	2	1	5	14	9	0	0	0	0	0	3	4	11	6	5	2	0	3	7	21	0	0	1	3	9	3	3	6	6
	21	35	1014.6	-	8.0	0.7	9.9	91	5.1	5	3	5	9	9	0	0	0	0	3	9	10	3	4	2	0	0	1	9	17	4	2	2	7	3	6	2	2	3
Speke ... H	3	85	1014.6	-	7.9	0.6	9.8	90	5.1	4	3	8	6	10	0	1	0	0	2	3	3	10	7	5	0	0	1	8	20	2	2	3	2	8	6	0	6	2
	9	85	1015.2	-	8.9	1.0	9.9	85	5.2	1	5	7	10	7	1	0	1	0	1	8	5	10	4	2	0	0	0	4	25	2	1	0	3	8	7	2	3	5
	15	85	1014.5	-	12.3	2.5	10.3	71	6.1	1	2	3	19	6	0	0	0	0	0	0	3	12	10	5	1	0	0	10	18	3	0	1	2	10	3	1	7	4
	21	85	1015.0	-	9.1	1.1	9.9	85	5.3	2	5	7	7	10	0	0	0	0	0	7	5	12	5	2	0	0	0	11	16	4	2	3	3	8	5	1	2	3
Cheshire Ringway H	3	251	1014.6	-	6.8	0.7	9.0	89	5.1	7	1	5	5	12	1	0	0	1	4	1	8	10	6	1	0	0	0	1	17	13	0	2	1	1	9	3	2	0
	9	251	1015.1	-	8.4	1.4	9.1	82	4.3	2	9	7	6	5	2	0	1	0	3	3	12	7	4	1	0	0	0	2	20	9	2	1	2	2	10	3	2	0
	15	251	1014.3	-	11.7	3.2	8.6	63	5.7	3	2	6	10	10	0	0	0	0	0	1	5	11	11	3	0	0	0	7	21	3	0	1	4	4	5	4	6	4
	21	251	1015.0	-	8.2	1.3	9.0	82	5.3	6	1	4	9	10	1	0	0	0	2	4	4	17	4	0	0	0	0	3	20	8	0	1	6	4	7	1	3	1
7b NORTH WALES																																									
Anglesey Valley ... H	3	36	1014.3	-	9.2	0.8	10.6	90	4.8	5	3	8	6	9	0	0	0	0	0	0	5	7	5	11	3	1	2	14	11	3	3	4	2	1	8	2	5	3
	9	36	1014.9	+1.7	10.7	1.1	11.3	87	6.4	2	1	1	19	8	0	0	0	0	0	1	3	3	7	10	7	0	4	15	9	3	0	1	3	3	6	5	5	5
	15	36	1014.2	-	12.0	1.5	11.7	82	6.3	1	4	0	16	10	0	0	0	0	0	0	2	7	10	6	6	0	4	13	11	3	3	3	0	3	8	5	3	3
	21	36	1014.8	-	9.3	0.7	10.8	91	4.7	5	3	9	4	10	0	0	0	0	0	1	3	6	9	9	3	1	3	13	12	2	2	5	5	1	6	2	5	3
8a SOUTH WALES																																									
Cardigan Aberporth H	3	382	1015.2	-	9.0	1.2	9.7	83	4.3	6	6	5	4	10	0	0	0	0	0	1	0	8	10	10	2	0	4	10	14	3	3	0	3	4	9	0	6	3
	9	382	1015.7	-	9.9	1.5	9.9	81	5.2	3	4	4	15	5	0	0	0	0	0	0	0	8	7	10	6	0	3	13	14	1	2	0	2	5	11	1	4	5
	15	382	1014.9	-	11.8	2.1	10.4	75	5.7	2	3	5	15	6	0	0	0	0	0	0	1	5	9	11	5	0	4	15	12	0	3	1	2	6	6	1	10	2
	21	382	1015.5	-	9.6	1.4	9.9	82	4.9	6	4	2	10	9	0	0	0	0	0	1	1	8	4	15	2	0	7	7	16	1	2	1	4	1	12	0	6	4
Glamorgan Mumbles Head H	3	123	1015.6	-	9.6	1.2	10.3	85	3.6	10	5	4	3	9	0	0	0	0	0	1	0	10	14	6	0	1	0	12	17	1	7	4	4	1	0	2	9	3
	9	123	1016.3	-	10.1	1.4	10.3	82	4.6	4	2	11	10	4	0	0	0	0	0	0	3	17	10	1	0	0	1	14	15	1	0	7	9	1	2	1	4	6
	15	123	1015.4	-	12.2	2.4	10.6	74	5.5	3	1	8	10	9	0	0	0	0	0	1	4	8	13	5	0	0	2	14	12	3	0	1	9	3	0	4	9	2
	21	123	1015.9	-	10.5	1.3	10.8	85	4.8	4	3	9	5	10	0	0	0	0	0	0	5	7	9	7	3	0	1	11	18	1	3	4	5	1	1	2	11	3
Rhoose ... H	3	225	1015.7	-	7.6	0.5	9.9	93	3.6	11	4	5	3	8	0	0	0	0	1	2	7	2	6	9	4	0	1	5	24	1	3	4	7	3	0	3	0	10
	9	225	1016.3	-	9.0	0.7	10.4	89	5.5	2	3	8	11	7	0	0	0	0	2	3	6	4	11	2	3	0	2	8	20	1	3	3	10	2	2	0	2	8
	15	225	1015.4	-	11.9	2.0	10.9	78	5.5	2	3	6	11	9	0	0	0	0	0	2	2	6	8	9	4	0	3	8	20	0	1	4	6	4	1	2	9	4
	21	225	1015.9	-	8.9	0.8	10.3	89	5.2	4	6	4	4	13	0	0	0	0	1	2	2	9	7	8	2	0	1	8	21	1	4	8	2	1	2	2	4	7
8b ENGLAND, S.W.																																									
Dorset Portland Bill H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Devon Hartland Pt. H	3	306	1015.0	-	10.3	1.2	10.6	84	3.9	5	5	10	7	4	0	0	0	0	0	0	0	7	10	5	9	1	3	14	12	1	3	3	4	3	3	3	5	6
	9	306	1015.7	-	10.5	1.1	11.1	86	5.3	2	5	4	15	5	0	0	0	0	0	0	0	6	12	6	7	0	4	11	15	1	2	3	5	4	5	1	4	6
	15	306	1015.0	-	12.0	1.7	11.4	80	6.1	0	4	3	17	7		0	0	0	1	0	0	7	10	4	9	1	6	9	13	2	0	3	5	0	2	1	11	7
	21	306	1015.1	-	10.8	1.1	11.3	86	5.1	3	6	1	15	6	0	0	0	0	0	1	1	5	12	5	7	0	9	13	9	0	3	2	6	2	4	4	6	4
Mount Batten H	3	100	1015.7	-	9.4	0.8	10.7	90	4.9	5	3	7	7	9	0	0	0	0	0	1	8	10	11	1	0	0	1	6	21	3	2	5	7	2	1	1	5	5
	9	100	1016.2	+0.9	10.1	0.8	11.2	90	5.3	1	5	8	10	7	0	0	0	0	0	1	6	13	7	4	0	0	0	6	18	7	1	2	9	2	1	1	5	3
	15	100	1015.8	-	12.8	2.0	11.5	77	6.1	0	5	3	15	8	0	0	0	0	0	1	7	11	12	0	0	0	2	11	18	0	0	3	5	1	5	5	8	4
	21	100	1016.3	-	10.4	1.1	11.0	86	4.8	5	4	4	11	7	0	0	0	0	0	1	7	11	12	0	0	0	0	10	16	5	1	2	9	0	0	2	9	3
Chivenor ... H	3	23	1015.9	-	8.9	0.9	10.0	87	4.3	4	6	8	7	6	0	0	0	0	0	1	1	11	4	6	8	0	1	7	17	6	3	1	8	3	2	0	2	6
	9	23	1016.5	-	10.1	1.2	10.7	86	5.6	0	6	4	14	7	0	0	0	0	0	1	3	8	5	9	5	0	3	5	19	4	4	0	7	9	1	0	2	4
	15	23	1015.8	-	13.0	2.3	11.2	74	5.9	2	2	4	14	9	0	0	0	0	0	2	0	6	5	9	9	0	4	12	14	1	0	2	6	4	1	1	7	9
	21	23	1016.3	-	10.1	1.0	10.8	87	5.4	4	2	5	10	10	0	0	0	0	0	0	2	10	8	7	4	0	3	8	13	7	2	0	10	0	2	2	2	6
Exeter ... H	3	125	1016.1	-	7.7	0.6	9.9	92	4.2	5	8	4	5	9	0	0	0	1	1	4	3	8	8	4	2	0	1	6	18	6	5	2	5	1	2	0	4	6
	9	125	1016.7	-	8.6	0.8	10.1	89	5.0	2	6	6	11	6	0	0	0	1	0	2	5	7	7	6	3	0	0	6	16	9	4	4	1	2	1	3	5	2
	15	125	1015.8	-	12.9	2.5	10.8	73	5.6	1	6	1	16	7	0	0	0	0	0	0	3	9	9	3	7	0	2	10	17	2	3	3	2	3	7	1	2	8
	21	125	1016.6	-	8.9	0.7	10.4	90	5.7	3	2	5	12	9	0	0	0	0	2	1	1	11	10	6	0	0	0	5	18	8	2	2	3	2	4	1	5	4
Cornwall St. Mary's, Scilly H	3	199	1016.1	-	11.3	0.9	12.0	89	5.1	4	2	8	5	11	1	0	1	0	1	0	1	10	5	7	6	0	7	9	14	1	3	1	6	2	7	2	3	6
	9	199	1016.5	+1.5	11.8	1.3	11.9	84	5.4	0	7	7	10	5	2	0	0	1	1	2	1	10	6	6	4	0	5	10	14	2	2	1	5	4	6	1	3	7
	15	199	1016.5	-	12.9	1.5	12.3	79	5.5	0	5	9	8	6	3	0	1	0	2	0	1	5	10	6	6	1	5	11	14	0	2	1	5	3	4	3	2	11
	21	199	1016.9	-	11.5	1.2	11.8	86	5.4	2	6	6	5	10	2	0	0	1	1	0	1	3	9	7	9	0	9	11	10	1	1	3	4	5	3	1	6	7
St. Mawgan H	3	350	1015.8	-	9.5	1.0	10.3	86	4.9	3	4	7	9	7	1	0	0	1	1	0	1	9	13	6	0	0	5	11	15	0	1	3	6	7	3	0	3	8
	9	350	1016.5	-	10.4	1.1	11.0	86	5.5	1	5	6	10	9	0	0	0	0	0	2	1	12	4	10	2	0	2	14	14	1	2	1	6	7	4	0	4	6
	15	350	1016.2	-	12.4	2.1	11.0	75	5.8	0	5	5	13	8	0	0	0	0	0	0	3	7	11	2	8	0	4	15	11	1	2	1	4	5	3	0	7	8
	21	350	1016.7	-	10.1	1.1	10.7	86	5.7	4	1	4	12	10	0	0	0	0	0	1	0	9	14	7	0	0	6	10	15	0	1	4	5	4	6	0	5	6
9 NORTHERN IRELAND																																									
Londonderry Ballykelly H	3	6	1013.0	-	8.4	0.9	9.9	88	5.8	3	2	5	12	9	0	0	0	0	0	0	0	8	10	10	3	0	1	3	13	4	1	0	1	2	5	2	4	2
	9	6	1013.4	-	9.8	1.0	10.7	87	6.6	0	1	5	16	9	0	0	0	0	0	0	0	8	5	13	5	0	1	7	13	10	2	2	0	5	3	6	3	0
	15	6	1012.8	-	11.7	1.8	10.9	78	6.5	0	1	6	15	9	0	0	0	0	0	0	0	6	7	11	7	0	0	10	19	2	6	2	0	6	5	5	4	1
	21	6	1013.5	-	9.1	0.9	10.3	88	5.1	3	3	8	12	5	0	0	0	0	0	0	0	8	4	16	3	0	0	5	18	8	2	0	0	8	4	2	5	2
Antrim Aldergrove H	3	241	1013.8	-	7.5	0.5	9.8	92	4.9	5	4	6	4	11	1	0	1	1	1	0	2	11	6	8	1	0	1	7	18	5	1	1	2	3	8	5	2	4
	9	241	1014.2	-	8.8	0.8	10.4	90	6.8	0	1	2	19	8	1	0	1	0	0	1	1	10	12	6	0	0	0	10	18	3	2	2	1	4	9	4	4	2
	15	241	1013.5	-	11.2	1.6	10.8	81	6.7	0	1	5	13	12	0	0	0	0	0	0	1	8	12	5	5	0	1	12	17	1	4	1	3	5	7	4	4	2
	21	241	1014.2	-	8.4	0.7	10.1	89	5.5	4	3	5	4	15	0	0	0	0	0	0	5	7	7	10	2	0	1	6	20	4	2	1	2	8	4	3	4	3
CHANNEL ISLES																																									
Guernsey States Airport H	3	360	1016.0	-	10.6	1.3	11.0	84	5.0	2	6	5	12	5	1	0	0	1	0	0	3	7	4	6	10	0	2	16	11	2	3	4	3	6	2	1	6	4
	9	360	1016.6	-	11.2	1.4	11.3	84	5.5	1	5	5	13	7	0	0	0	1	0	0	2	8	4	9	7	0	4	14	11	2	2	2	3	7	4	2	3	6
	15	360	1016.0	-	12.3	1.9	11.5	78	5.2	3	2	11	9	6	0	0	0	1	0	3	7	5	6	9	1	3	12	13	2	0	4	6	3	2	1	7	6
	21	360	1016.9	-	10.9	1.3	11.2	83	4.5	4	6	6	10	4	1	0	1	0	0	1	4	8	2	8	7	0	3	12	15	1	1	4	7	3	1	1	9	4

H *See* Notes on Tables in the Introduction.

Table XIII—Solar Radiation and Intensity of Illumination October, 1964

Station	Total Radiation on a Horizontal Surface mw. hr./cm² Max.	Date	Min.	Date	Daily Mean	No. of days	Diffuse Radiation on a Horizontal Surface mw. hr./cm² Max.	Date	Min.	Date	Daily Mean	No. of days	Total Illumination on a Horizontal Surface kilo lux-hours Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	275	2	13	20	93.6	31	135	3	13	29	64.5	31	325	2	17	29	110.0	31
Eskdalemuir Observatory ...	-	-	19	31	129.4	31	167	2	16	31	89.1	31	304	4	26	31	136.4	31
Cambridge	346	1	20	29	180.4	31	149	2	20	29	99.9	31	-	-	-	-	-	-
Kingsway	328	3	12	29	169.2	31	152	2	12	29	95.4	31	345	3	16	29	182.0	31
Kew Observatory	328	3	30	28	181.5	31	143	1	29	28	96.4	31	360	3	37	28/29	200.8	31
Aberporth	372	2	29	29	194.1	31	162	4	29	29	107.1	31	-	-	-	-	-	-

Table VIII—Number of Days in October, 1964 with Maximum and Minimum Temperatures between given limits.

Station	Maximum Temperature °C. 0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	Minimum Temperature °C -15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	2	16	13	0	0	0	0	0	0	0	2	4	25	0	0
Stornoway	0	0	4	26	1	0	0	0	0	0	0	2	11	14	4	0
Craibstone	0	2	10	17	2	0	0	0	0	0	0	0	16	14	1	0
Rothesay	0	0	11	17	3	0	0	0	0	0	0	0	9	19	3	0
Renfrew	0	0	6	20	5	0	0	0	0	0	0	3	14	11	3	0
Eskdalemuir Observatory	0	0	12	18	1	0	0	0	0	0	0	6	12	12	1	0
Douglas	0	0	8	22	1	0	0	0	0	0	0	0	7	16	8	0
Cockle Park	0	0	9	20	2	0	0	0	0	0	0	1	12	17	1	0
Gorleston	0	0	5	20	6	0	0	0	0	0	0	0	11	14	6	0
Cambridge	0	0	6	18	5	2	0	0	0	0	0	4	15	11	1	0

Station	Maximum Temperature °C. 0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	Minimum Temperature °C. -15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	0	10	14	7	0	0	0	0	0	0	0	14	14	3	0
Kew Observatory	0	0	5	18	8	0	0	0	0	0	0	1	11	17	2	0
Hastings	0	0	5	19	7	0	0	0	0	0	0	0	9	17	15	0
Southampton	0	0	2	16	11	2	0	0	0	0	0	1	13	15	2	0
Stonyhurst	0	0	7	19	5	0	0	0	0	0	0	1	13	17	0	0
Bidston	0	0	8	17	6	0	0	0	0	0	0	0	8	21	2	0
Valley	0	0	4	21	6	0	0	0	0	0	0	1	6	17	7	0
Falmouth	0	0	3	22	6	0	0	0	0	0	0	0	4	21	6	0
Aldergrove	0	0	6	21	4	0	0	0	0	0	0	2	12	14	3	0
Armagh	0	0	6	22	3	0	0	0	0	0	0	0	17	11	3	0

Table III—Additions and Corrections October, 1964

Month	Station	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.) Total Fall	Percentage of Average	Most in a day Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Bright Sunshine Daily Mean	Percentage of Average
1964		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
April	Millport	9 9	16	11.2	5.9	8.5	-	15.6	18	1.1	5	-	-	2.59	99	.29	13	22	18	0	0	0	0	0	0	0	-	0	-	-
"	Glenmore Lodge	9 9	1120	10.4	2.4	6.4	-	16.3	26	-3.0	7	-	-	2.77	-	.97	19	19	14	2	0	0	0	0	0	8	17	0	3.20	-
"	Strachan	9 9	400																9											
"	Llandudno	9 9	13	10.9	5.8	8.3	-0.5	18.3	27	-0.6	7	-	-	1.59	94	.45	28	16	12	0	0	0	0	0	0	1	0	0	4.60	81
"	Mumbles	21-9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	-	1	-	-
"	Douglas	9 9	284											2.20	84	.47	15	15	13											
"	Grendon Underwood	9 9	220																										3.71	-
"	Oaken	9 9	409	12.6	4.2	8.4	-	20.0	27	-1.7	2			2.32	-	.70	30	13	12										3.20	-
"	Halesowen	9 9	505																											
"	Southport	9 9	16	11.6	4.9	8.2	-	18.3	27	-2.8	7	8.7	7.6					21	13											
"	Morecambe	9 9	24																									1		
"	Southsea	9 9	7																					2						
"	Larkhill	9 9	431																										5.02	-
"	Sittingbourne	9 9	224																										4.99	-
"	Faversham	9 9	157																11											
"	Martyr Worthy	9 9	275																											
"	Carmarthen	9 9	50											2.84		.60	27	14	10											
"	Haverfordwest	9 9	131															11	11											
"	Aberystwyth	9 9	12																											
"	Llyn Stwlan	9 9	1656											4.32																
"	Winchester	9 9	122										7.8														-			
"	Ryde	9 9	15																		0									
"	Helmshore	9 9	854																									0		
"	Acklington	21-9	138																											
"	Exeter	21-9	106	12.4	5.6	9.0	-																							
"	North Berwick	9 9	152	11.4	5.6	8.5	+0.9	16.7	27	1.1	5																			
January	Chesterfield	9 9	298	5.7	-0.5	2.6	-	11.7	31	-6.7	17	-	-	.90	-	.30	27	9	5	2	2	0	0	0	12	18	-	0	-	-
"	Oaken	9 9	409	5.2	-0.1	2.5	-	8.9	29	-10.0	14	3.1	-	.84	-	.29	12	8	7	-	-	-	-	-	-	10	25	-	-	-
"	Avonmouth	9 9	31	6.2	1.8	4.0	-	9.4	1,31	-6.1	14	-	-	-	-	-	-	-	-	0	0	0	0	0	10	6	-	0	-	-
"	Hempsted	9 9	39	5.9	0.9	3.4	-	12.2	31	-7.2	14	4.8	7.1	.56	-	.16	12	9	5	2	0	0	0	0	12	11	20	0	1.22	-
"	Ceinws	9 9	200	6.7	0.9	3.8	-	11.1	31	-6.1	14	-	-	3.01	-	.70	27	14	11	-	-	-	-	-	0	11	15	-	-	-
"	Chiseldon	9 9	510	4.8	0.3	2.5	-	10.0	31	-8.3	14	-	-	1.09	-	.24	24	15	9	5	4	0	0	0	7	14	19	0	-	-
"	Exeter, Southam	9 9	160	6.8	2.1	4.5	-	12.2	31	-3.3	14	-	-	.95	-	.30	31	9	7	2	3	0	0	0	11	9	-	0	-	-
"	Rugby	9 9	385	4.9	0.0	2.5	-0.4							.76	-	.16	27	12	6							5				
"	Ryde	9 9	15	6.4	2.5	4.4	-0.7																							
"	Gulval	9 9	50											(1.66)	35	.64	18	9	6											
"	Llandudno	9 9	13									-	-	.89	30	.23	30	9	7										1.85	109
"	Blaenau Ffestiniog	9 9	750											4.57	-	1.14	27	14	13											
"	Urswick	9 9	130																									0		
April 1964	Oban	9 9	229	Insert	- -	-	April onwards																							

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

METEOROLOGICAL OFFICE 29 MAR 1965 LIBRARY

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November 1964 — *Dry and rather mild.*

Weather was mainly anticyclonic in character except on the 11th-17th, when a series of troughs and ridges moved east across the country, and during the last five days of the month when deep depressions were centred to the north of Scotland or disturbances moved south over the British Isles.

For most of the first week an anticyclone was centred to the west of Scotland and an associated ridge of high pressure covered much of the British Isles. Widespread overnight fog, which persisted in many places throughout the 1st, cleared on the 2nd as a weak cold front moved south over the country. Two or three mainly dry days with broken sunshine followed though easterly winds over England and Wales brought light scattered showers, chiefly to coastal areas. As the anticyclone moved eastwards towards Scotland, northern districts became generally dull on the 4th and this dull weather spread to most of the country on the 5th. The next day was also dull but the anticyclone reached the North Sea by the 7th and clouds broke nearly everywhere in England and Wales, though in the lowlands of Scotland overnight fog persisted throughout the day.

Although the main high pressure area continued to move away south-eastwards, an associated ridge remained over the British Isles until the 10th. Fog became widespread, persisting in many central and eastern districts throughout the 9th and 10th, and temperature, which had been near normal, fell to little above freezing point in foggy areas.

The weather pattern changed on the 11th as mild westerly winds, associated with a deep depression near Iceland, brought frontal rain from the Atlantic to all areas. The rain became locally heavy during the night in slow moving frontal troughs. The mild unsettled weather continued for nearly a week as depressions from the Atlantic moved eastwards over or to the north of Scotland and associated fronts crossed the British Isles. The wettest day was the 13th with heavy rain in many northern and western districts; many places in northern Scotland had over 1 inch while in North Wales more than 2½ inches was recorded at Ceinws.

On the 16th, winds increased to gale force in many areas as a deep depression moved eastwards across the British Isles. Behind the disturbance winds veered to north-west and weather became temporarily cooler in Scotland with scattered snow showers.

From the 18th to the 25th an anticyclone covered the Bay of Biscay or northern France and westerly winds on its northern flank, having had a long sea track in lower latitudes, brought mild weather back to all districts of the British Isles. It was generally dull throughout the period with slight rain or drizzle at times; there was little measurable rainfall in the south or Midlands, though more than 1 inch was recorded in parts of western Scotland on the 18th.

On the 26th, a cold front, associated with a rapidly deepening depression north of Scotland, brought a sharp fall in temperature as it moved south-east across the country. The next day a north-westerly airstream brought wintry showers to all districts. On the 28th the main depression moved southwards over the British Isles and an airstream of arctic origin brought sleet and snow to all areas; ground became snow-covered in many parts of northern England and in Scotland. The depression, which was centred over the English Channel about mid-day on the 29th, filled rapidly, and after a dull day with thundery showers of rain and sleet, fog became widespread at night as the sky cleared. The last day of the month was cold and rather wet with high ground snow-covered in the north and with widespread freezing fog in the south.

Pressure and Wind — Mean pressure at 9h was everywhere above the 1921-50 average, the excess ranging from 2.5 mb at Lerwick to 7.2 mb at Valley. Surface winds were light and variable over much of the country until the 10th, but easterly on the 3rd-8th over most of England and Wales, they were predominantly westerly on the 11th-26th becoming north-west to north during the last four days of the month. Winds reached gale force on 18 days in Scotland and on the 2nd-5th, 7th and 13-17th (10 days) in England and Wales. Gales were widespread on the 16th and wind reached 68 kt in gusts at Lerwick on the 26th and at Kirkwall on the 16th.

Temperature — Mean temperatures were about normal during the first week after which there were three or four days of cold weather with severe night frost; at Turnhouse temperature fell to −8°C on the morning of the 10th. From the 11th to the 25th weather was generally very mild, especially at night, apart from a temporary cooler spell in northern districts around the 17th. The month ended cold everywhere with day temperatures about 4°C below the average over most of England and Wales.

Extremes included: (England and Wales) 16.7°C at Harwarden Bridge on the 19th, −8.9°C at Corwen on the 10th, (Scotland) 15.6°C at several places on the 24th, −9.4°C at Glentress on 10th; (Northern Ireland 15.0°C at Crossgar on the 24th, −6.1°C at Lough Bradan on the 10th.

Rainfall — In Scotland rainfall ranged from 150 per cent of the average in parts of western Ross to 25 per cent locally in Aberdeenshire and Angus. In England and Wales rainfall was everywhere below the average except for a few places in the extreme north of Devon. It was less than 50 per cent of the average over most of the Midlands and over most of England east of the Pennines.

Thunder was heard in Scotland on 10 days and in England and Wales on the 12th, 25th and 28th-30th (5 days). Thunderstorms were fairly widespread in south-east England on the 29th.

Snow or sleet fell in Scotland on 15 days, ground being snow covered on 7 days. In England and Wales snow was reported on the 26th-30th (5 days) and ground was snow-covered at a few places, mainly in the Midlands and north-west England, on the 28th, 29th and 30th.

Sunshine — In Scotland sunshine amounts were above the average in parts of the east and south but below elsewhere. In England and Wales percentages were generally greater in the north than in the south, ranging from 165 at Morecambe to 65 at Torquay.

Fog — Fog was observed at 9h at one place or another on 27 days in Scotland and on the 1st, 2nd, 6th-11th, 13th, 17th-24th, 26th and 28th-30th (21 days) in England and Wales; it was widespread and dense locally on the 9th, 10th and 11th.

Miscellaneous Phenomena — The aurora was observed in Scotland on 8 nights.

TABLE I—DISTRICT VALUES— NOVEMBER, 1964 (1908, revised 1928, 1941, 1956 and 1964)

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
0 SCOTLAND, N.	14.4	-7.8	+0.4	0.0	+0.2	-	-	-2	102	85
1 SCOTLAND, E.	15.6	-8.9	+0.5	+0.2	+0.4	-	-	-4	46	114
2 ENGLAND, N.E.	15.6	-11.0	+0.7	+0.2	+0.5	+1.1	+0.3	-4	41	115
3 ENGLAND, E.	15.6	-7.2	+0.8	+0.5	+0.6	+0.8	-0.1	-4	53	114
4 MIDLANDS	15.6	-7.8	+0.8	+0.9	+0.9	+1.1	+0.3	-5	41	97
5 ENGLAND, S.E.	16.1	-5.7	+0.9	+1.1	+1.0	+0.7	-0.3	-4	66	93
6 SCOTLAND, W.	14.4	-8.3	+0.4	+0.2	+0.3	+1.0	+0.4	0	82	108
7 ENGLAND, N.W. and N. Wales	16.7	-8.9	+1.2	+0.4	+0.6	+0.9	+0.5	-2	75	123
8 ENGLAND, S.W. and S. Wales	16.1	-5.6	+0.4	+0.9	+0.7	+1.0	0.0	-3	68	85
N. IRELAND	14.6	-6.1	+0.8	-0.5	+0.2	-	-	-2	78	125
SCOTLAND	15.6	-8.9	+0.4	+0.1	+0.3	-	-	-2	85	102
ENG. and WALES	16.7	-11.0	+0.8	+0.7	+0.7	-	-	-4	56	105

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

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TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — NOVEMBER, 1964 (1914)

District, County and Place		Height of Vane: Above Mean Sea Level	Height of Vane: Above Ground	Height of Vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at		Highest Gust: Speed	Highest Gust: Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	24, 26, 27	18	16	132	297	231	42	0	14.3	240	45	26	22	68	26	2205
Orkney	Kirkwall	134	50	33	16	2	13	93	323	259	43	0	12.8	210	38	16	21	58	16	2025
Caithness	Dounreay	110	39	30	15, 16, 25	13	14	100	348	257	2	0	14.4	300	44	16	17	68	16	1655
Sutherland	Shin	78	33	33	-	0	5	11	139	198	372	0	5.8	-	30	24	13	58	16	1855
Ross &	Stornoway (Coastguard)	120	40	36	9, 11, 16, 18, 23 ∅	31	22	215	276	162	36	0	17.3	180	41	26	12	63	16	1650
Cromarty	Duirinish	125	65	55	14, 16, 26, 28	14	16	112	215	231	147	1	11.8	200	44	14	07	65	14	0820
Inverness	Benbecula	69	51	35	14, 16, 28	17	14	131	317	207	48	0	14.7	350	43	28	18	64	28	1520
1 Moray	Lossiemouth	101	80	60	14, 16	2	10	40	255	277	146	0	9.9	270	35	16	21	62	16	1710
Aberdeen	Dyce	234	30	80	-	0	4	8	171	344	197	0	7.3	220	30	14	12	48	16	1505
Angus	Auchterhouse ...	822	62	50	-	0	6	18	194	270	216	22	7.7	260	29	25	07	49	25	0545
	Bell Rock Lighthouse	126	131	124	14-16, 26, 28, 29	37	20	209	317	124	33	0	18.2	220	47	14	18	60	14	1140
Perth	Rannoch	1006	56	57	-	0	8	48	157	223	288	4	7.3	220	32	14	10	(54	16	1655)
Fife	Leuchars	78	40	40	-	0	8	39	248	335	98	0	9.7	220	32	14	12	55	14	1115
Midlothian	Turnhouse	137	40	33	-	0	9	58	276	217	169	0	10.2	250	30	25	02	59	26	1610
	Edinburgh, Blackford Hill	496	50	34	13, 14, 19, 26	12	18	178	271	179	71	9	15.1	200	38	14	14	68	14	1140
6a Argyll	Tiree	89	60	47	14, 15, 16, 26, 28, 29 ∅	39	20	230	276	98	77	0	17.6	340	44	28	19	66	14	0630
Bute	Millport	50	34	34																
Renfrew	Paisley	188	81	31	-	0	0	0	158	287	275	0	6.3	240	21	14	21	54	14	2135
	Renfrew	71	41	39	-	0	7	24	255	254	187	0	8.6	220	28	14	11	45	14	1410
Lanark	Lowther Hill ...	2412	43	33	13-16, 24-26	58	17	160	366	121	15	0	18.1	290	47	16	15	75	16	1450
Ayr	Prestwick Airport ...	68	33	33	-	0	5	40	264	275	141	0	9.9	210	27	14	11	45	14	2335
Dumfries	Eskdalemuir Observatory	825	50	35	-	0	9	23	201	232	264	0	7.6	220	29	26	15	49	25	0655
Wigtown	West Freugh ...	81	33	33	-	0	11	55	277	276	112	0	10.5	350	29	28	23	51	16	1450
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	13, 14, 16, 26	21	16	179	291	190	39	0	15.8	250	37	16	04	59	16	0305
	Point of Ayre ...	64	33	33	-	0	13	158	375	164	23	0	15.3	290	33	16	17	49	16	1610
2 Durham	Durham	389	53	33	-	0	5	23	229	369	99	0	9.0	250	27	14	05	53	16	1605
	South Shields ...	73	57	44	-	0	1	8	215	385	112	0	8.5	270	25	15	05	45	15	0415
Lincoln	Cranwell	268	47	47	-	0	4	19	241	315	145	0	8.8	260	26	16	09	46	16	0905
3 Norfolk	Gorleston	64	40	43	-	0	6	34	332	329	25	0	11.7	030	30	3	01	48	3	0125
Suffolk	Mildenhall	98	83	60	-	0	2	7	138	324	251	0	6.4	270	27	16	10	42	16	0935
Bedford	Bedford	327	42	30	-	0	2	11	218	414	77	0	8.8	240	27	16	09	44	16	0845
	Cardington	278	133	133	-	0	7	54	363	240	61	2	12.0	240	31	16	09	43	16	0835
Hertford	Garston	307	50	33	-	0	1	2	66	497	155	0	5.8	270	23	16	07	45	16	0645
	Rothamsted	461	41	33	-	0	0	0	70	448	202	0	6.0	260	20	16	06	47	16	0535
Essex	Stansted ...	351	31	31	-	0	1	4	220	364	132	0	8.0	260	24	16	09	37	16	0840
	Coryton	66	57	48	-	0	1	1	205	422	92	0	8.2	300	22	16	08	41	16	0225
	Shoeburyness ...	118	106	91	16	2	11	77	334	253	48	6	12.6	210	40	16	03	55	16	0230
4 Yorks, W.R.	Sheffield	533	83	35	-	0	2	3	109	254	354	0	5.0	250	22	15	01	50	15	0050
Warwick	Edgbaston	643	118	73	-	0	1	3	165	507	45	0	8.2	270	26	16	07	45	16	0645
	Elmdon	348	31	31	-	0	5	13	211	387	109	0	8.8	270	28	16	08	47	16	0750
Buckingham	Amersham	500	50	50	-	0	0	0	88	532	100	0	6.8	240	20	16	07	44	16	0615
Stafford	Keele	706	50	33	-	0	0	0	91	368	261	0	5.7	270	21	16	07	50	16	0520
Gloucester	Avonmouth	92	61	33	16	3	9	43	351	228	90	5	11.4	250	37	16	05	53	16	0300
5 London	Kingsway	208	143	41	-	0	0	0	137	475	108	0	7.6	230	19	16	08	42	15	1205
Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	7	236	399	78	0	8.7	250	26	16	07	43	16	0630
	Hampton	139	101	100	-	0	0	0	162	374	184	0	7.0	250	21	16	08	37	16	0855
Surrey	Kew Observatory ...	92	75	50	-	0	0	0	177	409	134	0	7.6	260	20	16	07	45	16	1005
	Gatwick	232	38	33	-	0	2	6	164	386	164	0	7.4	220	24	16	02	39	13	1515
Kent	Isle of Grain ...	48	40	33	-	0	3	6	231	289	194	0	7.9	200	24	16	03	44	16	0830
	Dover	68	38	62	-	0	7	21	293	276	106	24	10.0	260	29	16	08	53	16	0220
Sussex	Thorney Island ...	75	65	42	-	0	1	11	129	327	253	0	6.3	250	27	16	11	45	16	0955
Hampshire	Hurn	86	53	46	-	0	2	10	169	395	146	0	7.7	250	26	16	02	44	16	0105
	Calshot	50	41	33	-	0	3	13	301	382	24	0	10.6	220	26	16	01	37	16	0115
	S. Farnborough ...	318	69	35	-	0	2	9	242	327	142	0	8.6	240	25	16	07	41	14	1805
Berkshire	Abingdon	295	40	40	-	0	1	5	247	284	184	0	8.1	240	26	16	04	42	16	0605
Wiltshire	Larkhill	491	51	36	-	0	2	8	270	302	140	0	8.7	250	27	16	07	45	16	0620
	Boscombe Down ...	425	55	55	-	0	5	21	310	330	59	0	10.2	220	28	16	01	44	16	0605
	Porton	406	44	44	-	0	2	10	139	272	299	0	6.2	210	24	16	01	40	16	0015
7a Cumberland	Carlisle	137	42	30	-	0	7	20	276	162	262	0	8.7	220	28	26	16	44	26	1530
	Sellafield	83	39	35	-	0	5	53	237	361	68	1	10.5	270	28	14	14	43	14	1630
	Spadeadam	959	51	50	-	0	7	34	275	282	129	0	9.9	350	30	29	09	48	14	1800
Westmorland	Great Dun Fell ...	2843	33	33	2, 3, 11-19, 23-27	146	21	207	215	87	56	9	21.5	290	49	25	09	64	25	0800
	Moor House ...	1960	50	45	13, 16, 24-26	17	17	164	244	248	45	2	14.7	280	43	25	08	58	25	0615
Lancashire	Squires Gate ...	88	55	35	14	1	12	111	257	296	55	0	12.8	250	34	14	20	56	16	0615
	Southport	59	41	33	-	0	6	67	171	215	267	0	8.5	290	33	16	07	49	16	0625
	Fleetwood	112	50	31	-	0	5	41	191	294	189	5	8.2	290	30	16	17	49	16	0600
	Speke	109	41	33	-	0	5	29	232	348	111	0	9.3	250	32	16	05	52	16	0440
	Manchester W/Centre	268	147	55	-	0	1	3	152	379	186	0	7.0	260	26	16	06	66	16	0535
Cheshire	Bidston Observatory	262	64	39	16	2	8	61	309	314	33	1	-	270	35	16	07	59	16	0610
	Ringway	261	33	33	-	0	2	4	217	296	203	0	7.4	260	30	16	07	46	16	0640
7b Anglesey	Valley	86	53	40	13-16	19	18	170	260	211	60	0	14.8	260	41	16	06	56	16	0500
8a Cardigan	Aberporth	483	41	41	16	6	15	108	356	199	51	0	14.1	240	37	16	02	(52	15	2345)
Pembroke	Brawdy	432	68	45	29	1	9	60	391	216	52	0	12.7	330	36	29	06	54	29	0520
Glamorgan	Port Talbot	91	40	35	-	0	5	18	319	297	86	0	10.2	220	30	15	24	45	15	2320
	Rhoose	257	37	32	16	2	8	51	371	267	29	0	12.2	260	36	16	02	53	16	0045
8b Dorset	Portland Bill ...	190	155	155	4-7, 13-17	66	25	303	253	70	28	0	21.8	(250)	55	16	02	67	16	0120
Devon	Plymouth Hoe ...	191	88	65	15, 16	3	5	25	224	249	219	0	8.5	-	(41)	15	24	(46)	15-16	-
Cornwall	St. Mary's, Scilly ...	230	65	57	15, 16, 29	22	14	166	386	107	39	0	16.7	250	40	15	24	57	16	0520
	The Lizard	315	75	60	13, 15, 16	25	15	175	308	158	16	38	16.7	230	43	15	23	61	16	0015
NORTHERN IRELAND																				
Londonderry	Ballykelly	56	50	35	-	0	4	21	194	202	303	0	6.8	230	26	14	13	50	16	1425
Antrim	Aldergrove	263	33	33	-	0	3	12	222	300	186	0	8.1	230	26	14	13	40	14	1250
Fermanagh	Castle Archdale ...	263	43	43	-	0	6	9	238	238	235	0	8.1	210	26	18	19	46	14	2330
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	15, 16	20	8	86	376	212	26	0	14.2	250	45	16	05	61	16	0510

‡ Record ceased ‡ Incomplete record * Defective record

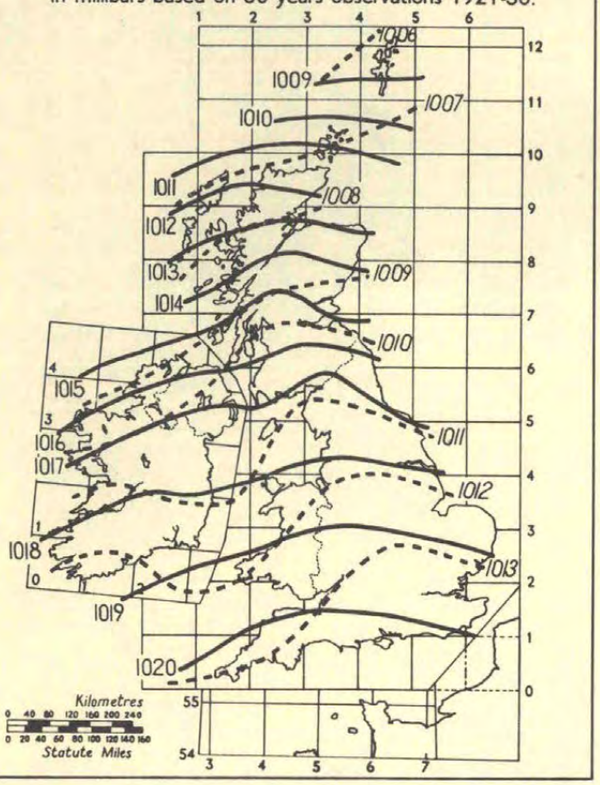
∅ Also on 26th and 28th

$ Anemograph out of order

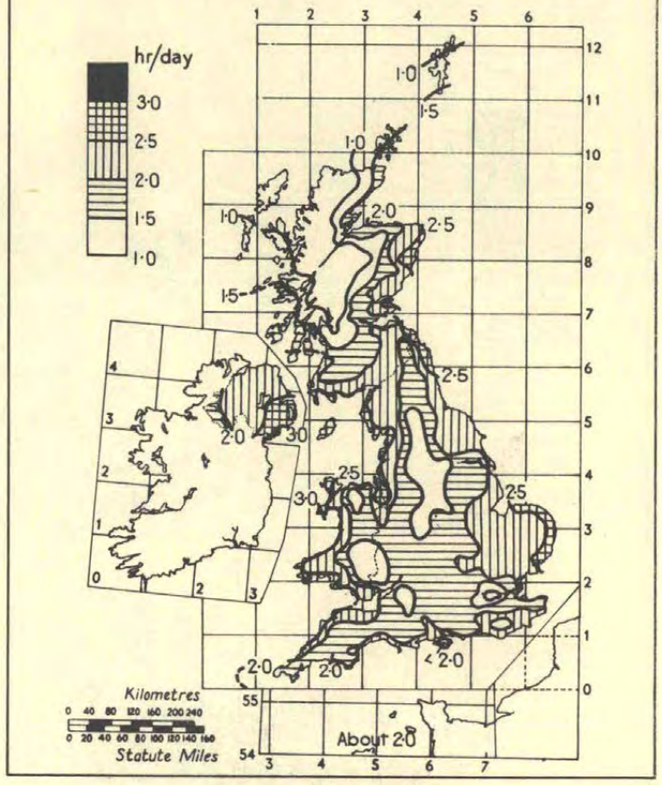
MONTHLY WEATHER CHARTS NOVEMBER 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



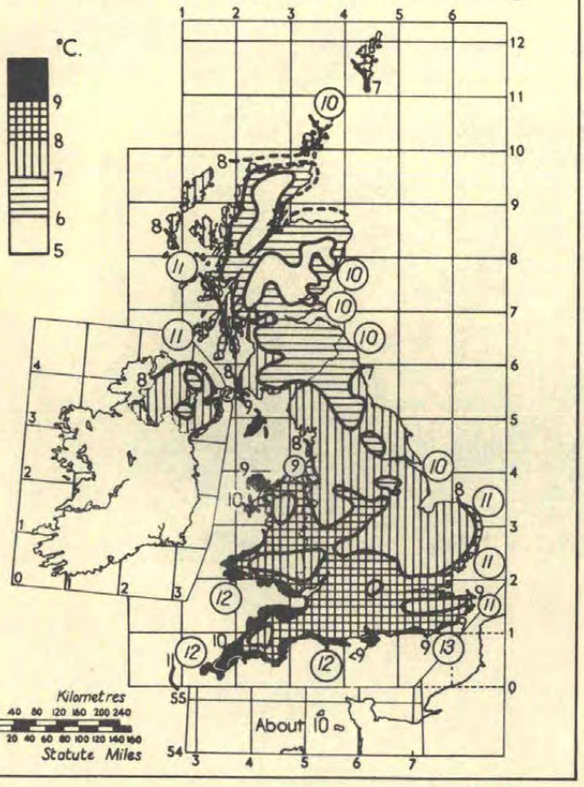
BRIGHT SUNSHINE



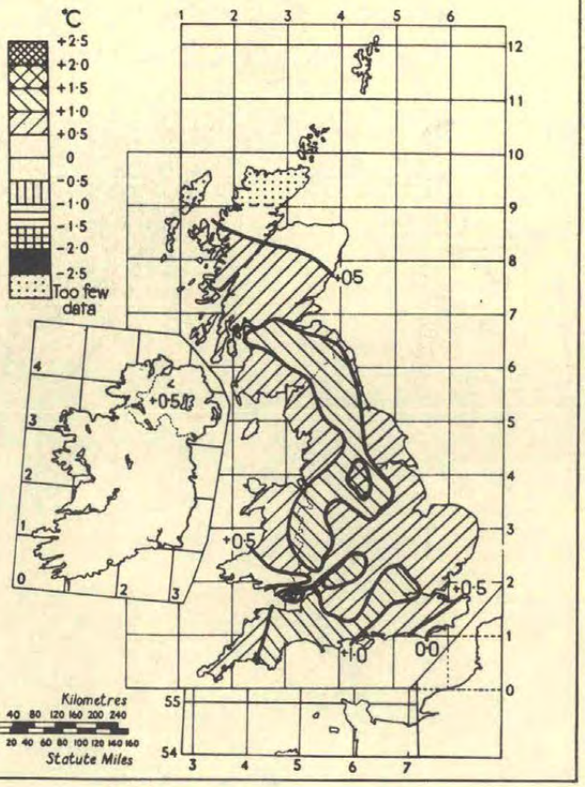
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
NOVEMBER
1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

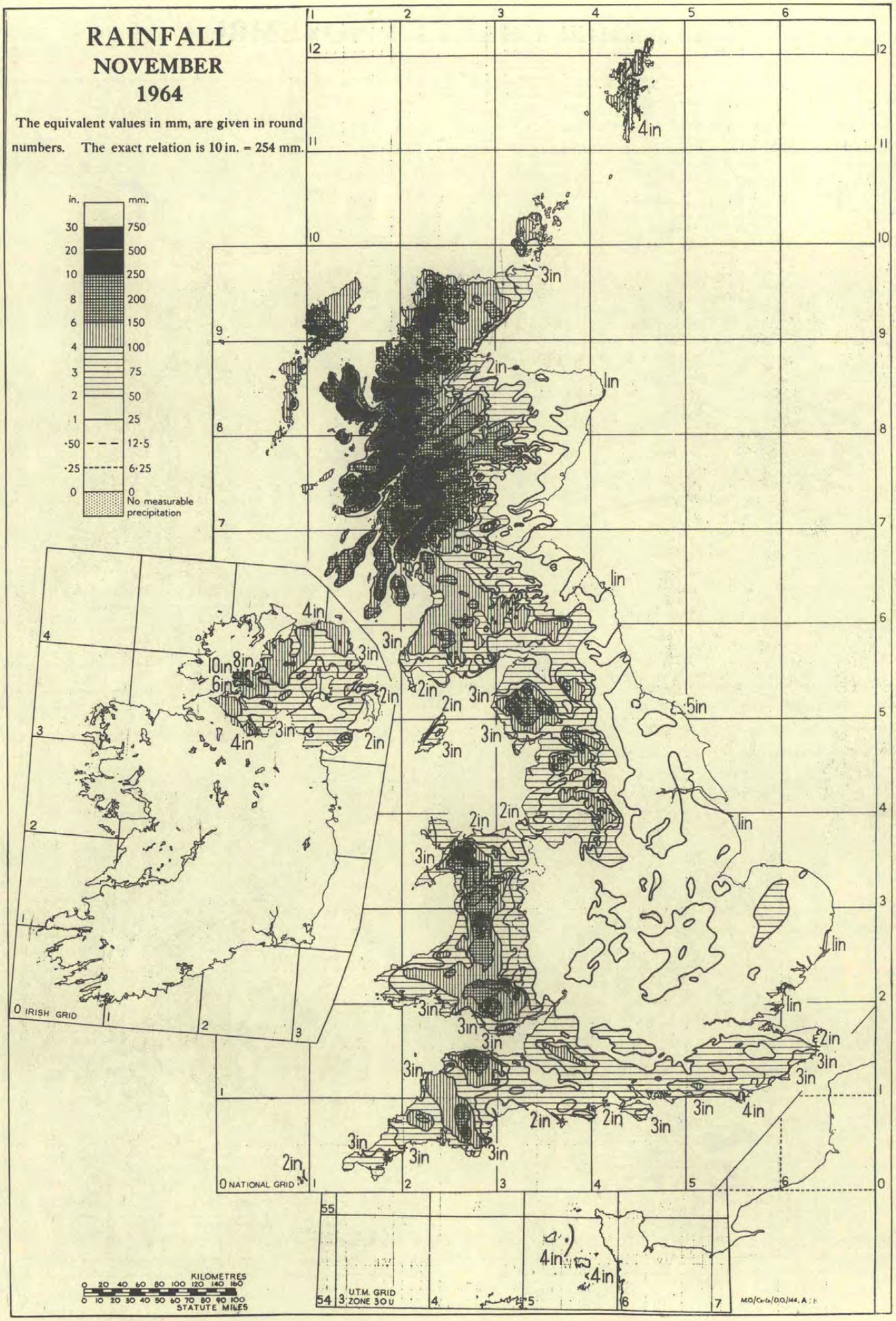


TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																														
Zetland	Hamnavoe	9 9	70	8.9	5.4	7.1	-	10.6	9,19,21	-0.6	30	-	-	4.47	-	.81	18	23	20	4	0	3	0	0	1	1	-	9	1.23	-
	Lerwick Obs'y. ¶§	21-9	269	7.7	4.1	5.9	0.0	10.6	21	-2.1	30	-	-	5.14	104	.92	18	23	19	7	1	2	8	0	0	5	8	7	1.17	107
	Baltasound	9 9	78	8.2	3.9	6.1	-	11.1	21	-1.7	30	7.1	-	3.94	77	.53	18	24	20	5	1	5	0	0	0	3	-	6	0.82	-
Orkney	Sule Skerry	9 9	43	9.5	6.8	8.1	-	11.8	19	2.0	29	-	-	3.96	-	.75	18	20	17	0	0	3	0	0	0	0	2	7	-	-
	Stenness	9 9	75	8.9	4.6	6.7	-	12.2	21	-1.7	30	7.2	-	4.40	-	.68	18	22	16	7	0	1	0	1	0	2	9	5	1.18	-
	Costa	9 9	115																											
	Kirkwall	21-9	84	8.7	4.5	6.6	-	12.4	10	-1.4	30	-	-	4.21	95	.69	18	22	18	7	0	6	1	1	0	1	7	2	1.13	81
Caithness	Dounreay	9 9	70	9.8	3.8	6.8	-	13.9	10	-2.8	30	-	-	3.84	-	.58	27	21	15	1	1	0	0	0	0	2	7	4	-	-
	Wick ¶§	21-9	119	8.9	3.8	6.3	-0.1	13.2	10	-2.8	30	-	-	2.50	79	.46	28	21	14	4	0	0	5	0	0	4	13	0	1.68	97
Sutherland	Cape Wrath	21-9	367	9.4	5.0	7.2	0.0	13.0	18	0.0	16,17,18	-	-	3.83	72	.57	13	22	18	2	0	3	1	0	1	0	1	8	0.61	- S
	Achany	9 9	280	8.4	1.4	4.9	-	12.8	20,21	-7.2	30	5.7	7.6	6.04	150	.69	14,23	22	14	7	1	6	0	2	2	8	23	0	-	-
	Strathy	9 9	120	8.9	3.2	6.1	+0.3	13.3	10,21	-3.3	30	-	-	3.88	84	.46	23	23	18	8	0	0	3	0	0	6	-	0	0.99	79 S
Ross &	Stornoway ¶§	21-9	11	9.5	4.8	7.1	+0.1	12.4	18	-2.3	30	-	-	4.71	105	.57	28	20	17	5	0	3	5	2	0	5	9	4	0.93	62
Cromarty	Balmacara	9 9	2	10.8	4.7	7.7	-	13.3	3,18	-0.6	30	-	-	7.19	-	1.41	13	21	20	-	1	-	-	-	-	1	-	-	-	-
	Poolewe	9 9	20	10.1	5.2	7.7	-	13.3	10	0.0	18	-	-	6.45	-	.72	18	19	18	-	-	-	-	-	0	0	6	-	0.91	- S
	Inverpolly	9 9	45	9.9	4.5	7.2	-	13.9	18	-1.1	11	8.3	-	6.22	-	.69	22	21	18	2	0	9	0	5	-	3	9	2	-	-
	Achnashellach	9 9	220	9.4	2.2	5.8	+0.2	13.3	19,23	-2.2	9,18	-	-	13.36	167	1.83	23	23	21	2	0	0	0	0	0	5	-	1	-	-
	Kinlochewe	9 9	76	9.8	3.6	6.7	-	13.9	18,20	-2.2	30	7.5	-	11.41	-	1.66	13	21	20	4	0	0	1	0	0	4	12	0	0.62	- S
	Blackbridge	9 9	690	9.6	1.8	5.7	-	14.4	20	-5.6	9,11	-	-	6.43	-	1.22	14	21	18	-	-	-	-	-	0	8	9	-	1.00	-
	Fortrose ¶§	9 9	15	9.5	5.2	7.3	+0.5	12.8	20	0.0	30	-	-	2.27	102	.50	14	15	11	-	0	-	-	-	0	0	-	-	1.34	79
	Tarbatness	21-9	60	8.8	5.0	6.9	-	13.0	21,22	-3.0	9	-	-	2.20	-	.34	11	18	13	1	0	1	0	0	0	1	-	0	-	-
Inverness	Benbecula	21-9	19	9.9	6.0	7.9	+0.6	11.7	13,21,23	-2.0	29	-	-	4.62	92	.95	18	23	19	2	0	1	7	1	0	2	6	6	1.07	-
	Isle of Rhum	9 9	15	10.1	5.2	7.7	-	13.9	18	-1.7	30	8.3	10.0	11.18	-	1.96	18	22	21	2	0	4	1	2	0	1	8	11	-	-
	Prabost	9 9	220	9.1	4.4	6.7	-	12.8	18	-1.1	30	-	-	10.13	-	1.38	18	24	20	1	0	4	5	0	0	1	10	8	0.99	-
	Duntulm	9 9	294	9.4	5.7	7.5	+0.4	12.2	18,19	+0.6	30	-	-	5.37	95	.79	18	22	19	4	0	0	0	0	0	0	2	7	0.67	49 S
	Onich ¶§	9 9	48	9.7	3.8	6.7	+0.3	12.8	13,23	-3.3	30	-	-	9.57	121	1.68	18	22	19	2	0	1	0	0	1	3	10	0	0.97	80 S
	Fort William	9 9	27	9.7	3.2	6.5	-	13.3	20	-5.0	11	7.1	8.7	7.59	-	1.14	13	21	18	4	1	1	1	2	1	9	10	0	0.85	-
	Fort Augustus	9 9	70	8.8	2.9	5.9	+0.3	12.8	20	-3.9	11,30	-	-	6.31	-	1.06	14	22	17	3	0	0	1	0	2	8	-	0	0.75	- S
	Cannich	9 9	350	9.2	0.4	4.8	-	13.9	(19),21,24	-7.8	11	-	-	5.28	111	.98	14	16	16	2	1	0	0	0	0	14	21	0	-	-
	Inverness	9 9	13	9.7	3.6	6.7	-	14.4	20	-3.9	30	-	-	2.66	-	.63	14	14	12	2	0	0	0	0	0	3	9	0	1.60	-
	Coire Cas Shieling	9 9	2500	5.7	0.6	3.1	-	11.1	10,19	-7.2	30	-	-	4.98	-	1.26	14	19	16	5	6	0	0	0	1	9	-	1	-	- W
	Cairngorm	9 9	3575	3.6	-1.1	1.3	-	9.4	10	-7.8	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	-	-	-	- S
	Achnagoichan	9 9	1000	7.8	1.0	4.4	-	12.8	13	-6.1	30	5.5	-	3.51	-	1.02	14	16	12	6	-	0	0	0	-	10	20	2	-	-
	Glenmore Lodge	9 9	1120	7.9	0.5	4.2	-	13.1	18	-6.4	30	-	-	3.90	-	1.30	14	16	11	6	5	0	0	0	0	13	19	0	1.13	- S
1	SCOTLAND, E.																														
Nairn	Nairn ¶§	9 9	20	9.4	3.2	6.3	+0.3	13.9	20	-5.6	30	-	-	2.33	106	.39	28	17	12	1	0	0	0	0	0	5	11	0	1.67	94
Moray	Forres	9 9	155	9.4	2.7	6.1	-	13.9	21,22	-3.9	30	6.1	7.9	1.62	76	.32	14,28	15	12	3	0	1	0	0	0	5	8	0	1.84	96
	Kinloss	21-9	15	9.5	3.4	6.5	-	14.0	13	-4.8	30	6.7		1.76	-	.40	14	15	11	3	0	1	0	0	0	6	14	1	1.71	-
	Elgin	9 9	92	10.1	3.2	6.7	-	14.4	20,21,22	2.2	11,30	-	-	1.49	-	.30	28	14	10	1	0	0	0	0	0	6	9	0	2.09	-
	Lossiemouth	9 9	21	9.8	2.2	6.0	+0.2	15.0	21	-4.4	30	-	-	2.06	-	.37	14	17	12	3	0	0	0	0	0	7	15	0	-	-
	Gordon Castle	9 9	104	9.8	3.8	6.8	+0.8	14.4	21,22	-2.8	30	-	-	1.61	56	.62	28	14	10	1	0	1	0	0	-	4	-	0	1.94	115
Banff	Banff	9 9	80	9.3	3.6	6.5	-	13.9	20	-2.8	30	-	-	1.00	-	.16	28	17	8	3	0	0	0	0	0	2	-	0	1.86	-
Aberdeen	Braemar	9 9	1113	7.4	0.4	3.9	+0.1	12.2	21	-8.9	11	-	-	2.18	57	1.13	14	14	9	-	1	-	-	-	0	12	-	-	1.03	- S
	Balmoral	9 9	927	7.9	0.1	4.0	+0.1	12.8	21(24)	-8.3	11	-	-	1.80	54	.89	14	14	9	5	1	0	0	0	-	13	19	0	-	-
	Dinnet	9 9	580	9.1	1.2	5.1	-	13.9	21,22,24	-7.8	11	5.7	-	1.05	-	.39	14	11	9	-	0	-	-	-	0	10	21	-	2.38	-
	Huntly	9 9	405	9.0	1.8	5.4	-	13.6	22,24	-4.9	9	-	-	1.34	-	.19	29	16	11	3	1	0	0	0	0	10	16	0	-	-
	Fyvie Castle	9 9	218	8.9	0.4	4.7	-	13.3	23	-5.6	11	-	-	1.20	-	.21	18	16	12	0	0	0	0	0	-	13	24	0	2.28	- S
	Craibstone ¶§	9 9	300	8.9	2.9	5.9	+0.2	13.9	20,22	-1.7	30	6.0	7.9	.81	23	.17	18	13	7	2	0	1	0	0	0	5	13	1	2.56	129
	Dyce	21-9	190	9.2	2.1	5.7	+0.1	14.1	20	-4.2	18	-	-	.73	20	.16	18	12	7	0	0	0	0	0	0	13	21	0	2.49	-
	Aberdeen	9 9	170	9.3	2.5	5.9	-	13.9	24	-2.2	18,19,30	-	-	.71	21	.17	18	9	8	1	0	0	0	0	0	7	16	0	2.64	146 S
	Hilton	9 9	230	9.3	3.6	6.5	-	13.3	20,24	-0.6	18,30	6.1	-	.79	-	.19	18	11	8	2	0	0	0	0	1	3	16	0	-	-
	Udny	9 9	352	8.7	2.4	5.5	-	13.3	22	-2.8	30	-	-	.96	-	.24	18	13	8	2	0	1	1	0	0	5	23	0	2.72	-
	Rattray Head	21-9	85	8.6	4.0	6.3	-0.2	13.7	22	-2.0	30	-	-	1.17	38	.32	13	17	10	3	0	0	0	0	0	2	-	1	2.52	-
Kincardine	Fettercairn	9 9	560	8.4	2.0	5.2	-	15.0	24	-3.3	10,30	-	-	1.15	-	.31	18	16	9	0	0	0	0	0	1	8	22	0	2.14	- S
	Strachan	9 9	395	9.3	0.7	5.0	-	14.4	24	-7.2	18	6.2	-	.95	-	.29	18	13	8	4	0	1	0	0	0	14	23	2	2.50	-
	Stonehaven	9 9	12	9.4	1.9	5.7	-0.6	14.4	24	-3.3	18	-	-	.69	22	.21	18	13	6	0	0	1	0	0	0	8	-	1	2.72	144
	Muchalls	9 9	210	9.1	2.9	6.0	-	14.4	24	-1.1	18,28,30	-	-	.69	-	.19	18	13	6	1	0	1	0	0	0	3	12	0	-	-
Angus	Mylnefield	9 9	100	8.9	2.1	5.5	-	14.4	24	-6.7	10	5.7	8.2	.83	-	.39	14	11	6	1	0	1	0	0	1	10	19	0	2.10	-
	Auchterhouse	9 9	760	8.2	1.3	4.7	-	13.9	24	-4.4	30	5.9	7.6	1.16	-	.50	14	12	8	5	0	0	0	0	0	10	17	1	2.38	-
	Dundee ¶	9 9	147	9.1	3.2	6.1	+0.4	15.6	24	-3.9	10,11	5.9	-	.80	28	.33	14	12	7	0	0	0	0	0	-	6	16	0	2.18	-
	Glamis Castle	9 9	200	8.6	0.6	4.6	-	14.4	24	-7.8	11	-	-	1.09	-	.52	14	12	7	2	0	1	0	0	2	12	23	1	-	-
	Whitehillocks	9 9	845	8.9	0.5	4.7	-	13.9	19,20	-7.8	11	-	-	1.73	-	.72	14	15	8	5	0	1	0	0	0	14	23	0	-	- S
	Buddon Ness	9 9	15	9.1	2.3	5.7	-0.1	13.3	24	-6.1	30	-	-	.83	31	.33	14	14	7	0	-	0	0	0	2	9	-	0	-	-
	Carnoustie	9 9	29	9.1	2.7	5.9	-	14.4	24	-4.4	10,11	6.7	-	.61	22	.23	14	9	6	0	0	0	0	0	1	9	17	0	2.17	-
	Arbroath §	9 9	95	9.4	3.2	6.3	+0.2	15.0	24	-3.9	11	-	-	.70	28	.16	14	11	7	0	0	0	0	0	1	4	12	0	2.36	112
	Montrose	9 9	186	8.7	2.6	5.7	-	13.9	24	-3.3	11	-	-	.86	30	.18	14	12	8	1	0	0	0	0	0	9	17	0	-	-
Perth	Dall	9 9	720	7.7	1.3	4.5	-	12.8	18	-5.6	11	-	-	4.20	-	1.00	14	14	14	6	0	0	0	0	4	11	-	0	-	-
	Strathyre	9 9	425	8.9	1.5	5.2	-	13.9	24	-7.2	11	6.2	7.6	6.55	-	1.15	13	17	15	2	1	0	0	0	6	12	18	1	-	-
	Callander	9 9	230																											
	Ardtalnaig	9 9	427	8.2	3.1	5.7	-	12.8	23,24	-2.8	11	-	-	3.50	-	.75	14	16	15	3	0	1	0	2	2	4	12	0	-	-
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	2.82	-	.77	14	15	12	-	-	-	-	-	-	-	-	-	1.26	- S
	Pitlochry	9 9	473	8.2	1.2	4.7	-	13.3	24	-8.9	11	-	-	2.61	-	.86	14	16	11	3	2	0	1	0	2	9	18	0	1.13	-
	Faskally	9 9	310	8.8	1.0	4.9	-	13.9	24	-8.3	11	5.8	8.4	2.51	-	.79	14	13	11	4	0	0	1	0	0	8	21	0	-	-
	Dunning	9 9	250	8.6	2.4	5.5	-	13.3	24	-6.7	10,11	-	-	1.61	-	.59	14	14	10	-	-	-	-	-	0	6	19	-	1.69	- S
	Perth	9 9	77	8.9	2.0	5.5	0.0	14.4	24	-6.7	11	-	-	1.01	36	.50	14	10	7	2	0	0	0	0	2	8	13	0	1.63	99
	Inveralmond	9 9	26	9.3	1.9	5.6	-	15.6	24	-7.2	11	-	-	1.30	-	.60	14	12	7	1	0	0	0	0	-	9	15	0	-	-
	Blairgowrie	9 9	230	8.9	1.3	5.1	-	15.6	24	-7.2	11	5.4	-	1.24	-	.50	14	12	8	0	-	0	0	0	-	9	16	0	1.69	- S
	Glenshee Lodge	9 9	1100	7.6	-0.2	3.7	-	12.2	20	-8.3	11	4.4	-	3.04	-	1.23	14	16	11	5	0	0	1	0	0	16	20	0	-	-
Fife	Pitreavie	9 9	130	8.8	3.6	6.2	-	13.0	13,24	-5.2	11	-	-	1.61	-	.39	14	13	11	2	0	0	0	0	3	4	12	1	-	-
	Ballingry	9 9	425	9.2	3.1	6.1	-	13.3	24	-3.3	10	6.6	8.4	1.68	-	.36	13	14	10	2	0	1	0	1	4	7	16	1	2.20	-
	Kirkcaldy	9 9	137	9.7	3.2	6.5	+0.6	13.3	13,24	-4.4	10	-	-	1.54	54	.42	14	14	10	1	0	1	0	0	1	7	15	0	1.73	-
	Cupar	9 9	82	9.8	1.7	5.7	-	14.4	24	-7.2	10	-	-	.77	-	.26	14	10	7	1	0	0	0	0	3	11	16	0	-	-
	Leuchars	21-9	35	8.9	2.8	5.9	-0.3	14.4	24	-5.7	11	-	-	.76	30	.31	14	11	8	1	0	0	0	0	1	10	13	1	2.53	119
	St. Andrews	9 9	13	9.5	2.3	5.9	-0.2	(13.3)	24	-6.1	11	6.7	8.8	.79	29	.28	14	12	7	-	0	-	-	-	1	11	12	-	2.29	110

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm) or more	·04in. (1·0mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	8.3	2.2	5.3	-	12.2	24	-5.0	9,10	-	-	1.84	-	.45	14	14	12	-	-	-	-	-	-	7	15	-	-	-
	Turnhouse ...	21-9	114	9.2	2.9	6.1	+0.1	13.7	13	-7.9	10	-	-	1.16	49	.25	14	13	9	1	0	2	0	0	3	9	14	0	1.74	-
	Edinburgh—E. Craigs	9 9	200	9.2	2.8	6.0	-	13.3	13,24	-6.7	10	-	-	1.16	-	.31	14	13	9	1	0	0	1	0	0	7	16	0	1.92	- S
	Davidson's Mains	9 9	200	9.1	3.0	6.1	+0.2	13.9	13	-5.0	10	6.0	-	1.14	-	.26	14	14	9	2	0	0	0	0	0	6	14	0	2.07	- S
	Penicuik	9 9	620	8.6	1.9	5.3	-	12.2	13,24	-5.0	9	5.8	-	2.10	-	.55	14	16	12	1	1	1	0	0	0	11	17	0	1.90	-
	Bush House ...	9 9	605	8.8	2.4	5.6	-	12.8	13,20,24	-5.0	9	5.8	7.8	2.09	-	.58	14	17	11	1	0	0	0	0	0	8	13	0	2.15	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	9.3	4.1	6.7	+0.4	13.9	13	-0.6	10,11	-	-	.99	41	.33	14	12	9	1	0	0	0	0	0	2	11	9	2.22	116
	Liberton ...	9 9	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Royal Bot. Gdns.	9 9	74	9.6	2.6	6.1	0.0	13.9	13	-6.1	10	6.2	-	1.00	-	.26	14	14	10	1	0	0	1	0	2	8	17	1	2.07	125
E. Lothian	Haddington ...	9 9	162	9.7	2.5	6.1	-	13.9	13,24	-6.7	10	-	-	.76	-	.21	14	14	5	1	0	1	0	0	0	10	13	0	2.31	- S
	North Berwick ...	9 9	152	-	-	-	-	-	-	-	-	-	-	.72	31	.15	14,15	10	8	-	0	-	-	-	0	-	-	-	1.77	106
	Dunbar ...	9 9	75	10.1	4.2	7.1	+0.4	14.4	13	-2.8	10	-	-	.60	-	.12	14	13	6	0	0	0	0	0	0	4	7	0	2.61	124
Berwick	Mertoun ...	9 9	225	9.7	1.9	5.8	-	14.4	24	-7.8	10	-	-	1.05	-	.25	14	15	9	1	-	0	0	0	-	11	20	0	2.23	-
	Lauder	9 9	600	8.6	1.0	4.8	-	13.3	24	-7.2	11	-	-	1.38	-	.34	28	14	10	5	0	0	0	0	0	11	19	0	2.38	-
	Marchmont ¶§	9 9	498	9.1	2.8	5.9	+0.5	13.9	24	-4.4	11	-	-	1.01	34	.24	14	13	9	4	0	0	0	0	0	8	-	0	1.91	122 S
	Whitchester ...	9 9	838	8.7	2.2	5.5	-	12.8	10,24	-2.8	9	-	-	1.90	-	.57	29	17	12	4	2	1	0	0	-	7	-	0	-	-
	St. Abb's Head ...	9 9	245	9.3	5.5	7.4	-	14.4	25	-1.0	11	-	-	-	-	-	-	-	-	0	0	0	0	0	0	3	6	3	-	-
Peebles	Stanhope Farm	9 9	741	8.7	1.8	5.3	-	13.3	24	-6.7	30	-	-	3.35	-	.58	14	22	15	3	1	0	0	0	0	10	16	0	-	-
	Blyth Bridge ...	9 9	830	8.2	1.7	4.9	-	12.2	24	-5.6	9,10	-	-	2.40	-	.51	14	21	13	5	1	0	2	0	1	11	16	0	1.73	-
	West Linton ...	9 9	800	8.4	1.1	4.7	-	12.2	13,24	-7.8	10	5.5	7.8	2.37	-	.45	14	21	14	4	1	0	0	0	0	13	14	0	-	-
	Glentress ...	9 9	580	9.1	0.7	4.9	-	13.3	24	-9.4	10	-	-	1.95	-	.50	14	13	11	2	0	0	0	0	1	13	-	0	-	-
Selkirk	Bowhill ...	9 9	600	8.8	1.8	5.3	-	13.9	24	-6.7	9,10	-	-	2.16	-	.46	14	15	10	4	0	0	0	0	0	10	-	0	-	-
Roxburgh	Wauchope ...	9 9	560	8.8	1.6	5.2	-	13.3	24	-7.2	9,10	-	-	1.95	-	.40	14	18	9	4	0	0	0	0	0	9	-	0	-	-
	Sourhope ...	9 9	900	8.4	2.9	5.7	-	13.3	10	-2.8	30	-	-	1.36	-	.36	28	15	10	-	1	-	-	-	0	4	16	-	1.95	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	10.2	6.8	8.5	+0.6	12.3	13	0.4	28	-	-	4.81	103	.89	18	22	21	2	0	2	4	0	0	0	5	5	1.41	88
	Rhuvaal	21-9	65	10.5	7.2	8.9	-	13.5	19	0.8	30	-	-	6.83	-	.76	18	21	20	1	0	5	0	0	0	0	1	4	-	-
	Colonsay ...	9 9	87	10.6	5.3	7.9	+0.4	12.8	1,3,18	-1.7	30	-	-	5.29	93	.68	18	23	20	6	-	6	0	1	0	1	-	5	-	-
	Tobermory ...	9 9	270	9.6	5.3	7.5	-	12.8	18	-1.1	30	-	-	7.90	-	1.71	18	22	20	-	-	-	-	-	-	1	4	-	-	-
	Craighouse ...	9 9	10	10.7	5.8	8.3	-	12.8	1,18,24	0.6	30	-	-	8.72	-	1.10	18	22	19	-	0	-	-	-	0	0	3	-	-	-
	Campbeltown ...	9 9	10	11.0	5.6	8.3	-	13.9	18	-0.6	29	-	-	4.75	-	.58	26	19	17	0	0	1	0	0	13	1	-	0	2.13	-
	Achaglachgach ...	9 9	40																											
	Oban	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lephinmore ...	9 9	30	9.7	4.3	7.0	-	12.8	18	-1.7	10	-	-	7.79	-	.90	18	20	18	2	0	8	0	2	0	3	12	0	1.10	- S
	Glenbranter ...	9 9	120	8.8	2.6	5.7	+0.1	13.9	24	-3.9	11	-	-	9.98	102	1.15	18	20	19	-	0	-	-	-	1	10	15	-	-	-
	Benmore Forestry Sch.	9 9	46	9.6	2.8	6.2	-0.1	13.3	24	-2.2	7	6.7	8.4	10.07	103	1.36	14	18	18	2	0	0	0	0	3	7	17	0	-	-
	Younger Bot. Gdns.	9 9	40	9.3	3.4	6.3	-	13.3	24	-3.3	11	-	-	9.95	-	1.40	14	20	18	2	0	1	0	0	2	4	14	0	-	-
Bute	Rothesay ¶§	9 9	150	9.6	5.2	7.4	+0.5	13.3	18	0.0	10	7.2	8.7	5.98	102	.76	18	20	18	0	0	2	0	0	0	0	7	0	-	-
	Millport ...	9 9	16	10.5	6.2	8.3	-	13.3	24	1.1	28	-	-	4.21	90	.47	27	19	18	1	0	1	0	0	0	0	-	4	-	-
Dunbarton	Helensburgh ...	9 9	293	8.9	3.5	6.2	+0.2	13.3	11	-2.8	11	-	-	5.71	98	1.17	18	19	19	0	0	0	0	0	2	4	-	0	1.09	76
	Cumbernauld ...	9 9	310	8.6	1.8	5.2	-	13.3	2	-7.8	10	-	-	4.15	-	.93	14	19	15	2	0	0	0	0	1	11	13	0	-	-
Stirling	Earls Hill ...	9 9	1100	7.0	2.6	4.8	-	11.5	1	-3.4	30	-	-	4.47	-	.71	13	18	15	-	-	-	-	-	3	8	14	-	1.71	-
	Stirling	9 9	151	9.4	3.4	6.4	+0.4	14.4	24	-5.6	11	6.5	9.7	2.58	69	.70	14	17	12	2	1	0	0	0	3	5	15	0	1.72	-
	Falkirk	9 9	100	9.1	2.6	5.9	0.0	13.3	13	-6.1	10,11	-	-	3.01	-	.62	14	16	13	-	-	-	-	-	-	10	-	-	-	-
Renfrew	Greenock ...	9 9	200	9.3	4.6	6.9	0.0	12.8	13,24	-1.7	10	-	-	6.26	95	1.32	18	19	19	1	0	0	0	0	5	2	14	0	1.14	- S
	Paisley	9 9	106	8.8	3.8	6.3	-0.3	12.8	13,24	-3.9	11	7.3	9.2	3.76	84	.73	14	19	16	2	0	2	0	0	6	3	8	0	1.04	78
	Barrhead ...	9 9	97	9.1	3.0	6.1	-	12.8	(13), 23,24	-6.1	11	-	-	4.60	-	.88	14	18	16	1	0	2	0	0	4	7	11	0	-	-
	Renfrew ¶§	21-9	26	8.9	3.8	6.3	+0.2	13.2	13,24	-4.4	9	-	-	3.01	73	.48	14	19	16	3	0	1	0	0	5	6	12	0	1.13	80
Lanark	Crossmyloof ...	9 9	75	-	3.2	-	-	-	-	-5.0	11	-	-	3.33	-	.75	14	18	15	1	0	1	0	0	6	8	14	0	1.33	-
	Thorntonhall ...	9 9	453	8.5	2.6	5.5	-	12.2	13,18,24	-8.3	10	-	-	4.78	-	.88	14	19	17	1	0	0	0	0	-	7	16	0	-	-
	Glasgow, Springburn	9 9	351	8.5	3.0	5.7	+0.3	12.2	13,18,24	-5.6	10	-	-	3.29	87	.55	14	19	17	2	0	0	0	0	3	5	15	0	1.29	108
	Coatbridge ...	9 9	256	9.1	2.9	6.0	-	12.8	13,19,24	-7.2	10	-	-	2.67	-	.57	14	19	14	0	0	0	0	0	5	7	-	0	-	-
	Happendon Station	21-9	675	8.5	1.0	4.7	-	12.2	13,24	-6.7	10	5.7	-	4.06	-	.89	14	19	15	5	2	1	0	1	1	12	17	2	1.80	-
	Lowther Hill ...	21-9	2377	5.4	0.7	3.1	-	10.5	24	-3.0	29,30	-	-	-	-	-	-	-	-	6	-	0	0	0	22	8	-	11	1.53	-
	Leadhills ...	9 9	1270	7.4	2.1	4.7	-	11.1	10,13,24	-3.9	30	-	-	4.16	-	.75	15	18	17	4	4	0	1	0	1	8	8	0	-	-
	Carnwath ...	9 9	706	8.4	1.0	4.7	-	12.2	24	-7.8	10	-	-	2.74	-	.51	14	22	16	4	1	2	0	0	2	12	17	1	-	-
	Camps Reservoir	9 9	969	7.7	1.2	4.5	-	12.2	24	-5.0	30	-	-	4.01	-	.62	15	19	18	3	4	0	0	0	3	15	-	0	-	-
Ayr	Turnberry ...	9 9	25	10.4	4.7	7.5	+0.3	13.3	18,19	-1.7	10	-	-	3.72	-	.53	27	19	17	1	0	1	0	0	0	2	-	0	2.26	-
	Largs	9 9	20	10.4	5.0	7.7	+0.5	13.3	24	-1.7	10,11	-	-	3.99	-	.45	18,27	20	18	0	0	0	0	0	1	2	7	0	1.52	-
	Barr	9 9	400	9.8	2.7	6.3	-	12.8	10	-5.0	30	-	-	5.54	-	.83	15	20	17	1	0	4	0	1	0	6	-	0	-	-
	Auchincruive ...	9 9	147	9.8	4.1	6.9	+0.5	12.8	18,24	-2.2	10,30	7.8	9.4	3.33	87	.49	15	18	14	1	0	2	0	0	0	4	12	0	1.96	115
	Prestwick Airport	21-9	51	9.9	4.4	7.1		13.6	13	-4.0	10	-	-	3.50	98	.66	27	17	14	3	0	1	1	1	0	6	13	0	2.06	-
	Kilmarnock ...	9 9	115	9.7	3.9	6.8	+0.6	12.8	13,18,24	-3.3	10	7.2	9.7	4.16	-	.50	11,27	18	16	2	0	0	0	0	0	4	12	0	1.50	95
Dumfries	Dalmacallan ...	9 9	480	8.7	2.5	5.6	-	12.8	23,24	-4.4	9	-	-	4.42	-	.84	15	17	15	2	1	0	0	0	3	7	14	3	-	-
	Dumfries ¶§	9 9	140	9.3	3.0	6.1	0.0	13.3	24	-3.9	9,10,30	7.7	9.3	2.29	55	.49	15	19	12	2	-	0	0	0	2	5	14	0	2.24	131
	Eskdalemuir Obs'y. ¶§	21-9	794	8.3	2.0	5.1	+0.3	12.6	10	-6.9	9	7.6	8.8	4.72	79	.92	14	19	15	6	2	2	2	1	2	12	13	0	2.13	128
Kirkcudbright	Bargrennan ...	9 9	360	9.8	2.7	6.3	-	13.3	19,24	-3.9	30	-	-	4.54	-	.74	15	20	17	1	1	0	0	0	0	8	19	0	-	-
	Palnure	9 9	50	10.0	3.1	6.5	-	13.9	24	-3.3	30	-	-	3.23	-	.45	27	18	16	1	0	0	0	0	0	8	12	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	5.34	-	.96	15	18	17	-	-	-	-	-	-	-	-	-	1.83	-
	Glenlee	9 9	181	9.8	2.2	6.0	+0.2	13.3	13,19,24	-7.8	10	-	-	4.34	-	.77	15	17	17	2	0	1	0	0	1	8	13	0	-	-
	Dundeugh ...	9 9	390	9.7	1.8	5.7	-	13.3	23,24	-7.2	10	7.7	-	4.66	-	.82	15	17	17	3	0	0	0	0	0	11	-	0	-	-
	Glenlochar Barrage	9 9	154	9.6	3.1	6.3	-	13.3	19,24	-5.0	10	-	-	3.28	-	.62	13	17	16	-	0	-	-	-	2	6	-	-	-	-
	Threave ...	9 9	240	9.3	2.8	6.1	-	13.3	24,25	-5.6	9	-	-	3.02	-	.48	13	16	16	1	1	0	0	0	1	6	16	0	-	-
	Castle Douglas ...	9 9	196	9.5	2.2	5.9	-	13.9	25	-7.8	9,10	6.6	-	2.66	-	.49	15	15	14	-	0	-	-	-	6	8	17	-	2.09	-
Wigtown	West Freugh ...	21-9	50	10.5	4.0	7.3	-	14.2	24	-3.5	30	-	-	2.98	70	.78	30	17	13	-	-	-	-	-	-	6	-	-	2.78	-
	Penwhirn ...	9 9	546	-	3.7	-	-	-	-	-3.9	30	-	-	4.24	-	.62	30	18	15	0	0	1	0	0	1	3	13	0	1.96	-
	Mull of Galloway	21-9	257	10.0	7.2	8.6	-	13.0	24	2.8	30	-	-	-	-	-	-	-	-	1	0	0	0	0	1	0	-	6	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	10.6	6.5	8.5	-	13.6	24	-2.0	30	-	-	2.59	72	.40	28	13	11	1	0	0	2	0	0	2	5	5	2.89	-
	Douglas	9 9	284	10.3	6.6	8.5	-0.7	13.3	18,23	0.0	30	-	-	3.45	73	.61	15	14	13	0	0	0	1	0	0	1	1	0	2.83	139
	Point of Ayre ...	21-9	30	10.8	7.5	9.1	-	14.1	13	-1.2	30	-	-	2.05	63	.43	30	14	11	0	0	2	0	0	0	1	-	1	2.76	-
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	8.4			-	12.2	24	-11.7	10	6.9	-	3.68	82	.93	14	20	14	2	1	0	0	1	5	13	18	0	-	-
	Bellingham ...	9 9	849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2 ENGLAND, N.E.—cont.																														
Northumberland cont.	Haydon Bridge	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corbridge ...	9 9	160	9.9	1.9	5.9	-	15.0	24	-10.0	10	-	-	.90	-	.27	13	11	10	1	0	0	0	0	3	10	15	0	-	-
	Berwick-on-Tweed	9 9	76	9.6	3.4	6.5	0.0	14.4	24	-3.9	10,11	-	-	.90	40	.22	29	16	9	0	0	1	0	0	1	6	9	0	2.74	134
	Cockle Park ¶§	9 9	326	9.2	3.5	6.3	+0.5	13.3	24	-2.8	11	6.7	-	1.31	47	.36	29	13	9	2	0	0	0	0	1	7	11	1	2.54	124
	Acklington ...	21-9	138	9.2	3.9	6.5	-	14.3	24	-4.9	10	-	-	1.25	-	.41	29	11	9	3	0	0	0	0	0	5	8	2	2.70	-
	Tynemouth ...	21-9	95	9.5	5.8	7.7	+0.4	14.9	24	-1.1	30	-	-	.99	40	.15	30	12	10	1	0	0	0	0	0	1	6	0	2.13	131
Durham	Chopwellwood ...	9 9	446	9.6	3.3	6.5	+0.5	13.9	24	-3.3	10,11,30	-	-	.83	30	.13	29	17	8	1	1	0	0	0	0	7	16	0	-	- S
	Ushaw College ...	9 9	594																											
	Houghall ...	9 9	123	10.3	2.2	6.3	+0.4	15.6	24	-7.8	10	-	-	1.11	42	.21	20	15	11	1	0	0	0	0	3	11	19	0	2.30	135
	Durham ¶§	9 9	336	9.9	2.8	6.3	+0.2	15.0	24	-5.6	10	7.4	9.7	1.12	45	.24	29	15	9	-	0	-	-	-	-	8	14	-	2.22	116
	Gateshead ...	9 9	509	9.2	4.4	6.8	-	14.4	24	-2.2	30	-	-	1.01	-	.15	29	16	12	-	0	-	-	-	0	3	6	-	2.32	-
	Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	West Hartlepool	9 9	30	10.4	4.4	7.4	-	15.6	24	-3.9	10	-	-	.67	-	.16	20	11	7	1	0	0	0	0	2	4	8	0	1.88	-
Yorks.,	Dishforth ...	21-9	105	10.0	4.2	7.1	+0.6	15.2	21	-5.6	30	-	-	.77	33	.21	13	11	6	1	0	0	0	0	2	4	12	0	2.20	111
N. Riding	Thirsk	9 9	111	10.1	3.2	6.7	-	15.0	21,24	-5.6	30	-	-	.60	-	.19	30	10	6	1	0	0	0	0	2	7	17	0	-	-
	York ... ¶§	9 9	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ampleforth ...	9 9	313	9.9	3.2	6.5	+0.4	13.9	24	-5.0	30	-	-			.19	30			0	-	0	0	0	3	7	12	0	-	-
	Redcar	9 9	25	10.8	4.9	7.9	-	15.6	24	-2.2	9,10	-	-	.77	31	.16	29	13	8	-	0	-	-	-	3	5	-	-	1.95	-
	Pickering ...	9 9	143	9.5				14.4	19,24	-5.0	30	-	-	.81	-	.18	13	17	6	1	0	0	0	0	5		16	0	-	-
	Whitby	9 9	135	10.5	4.3	7.4	-	15.6	24	-3.3	10,30	-	-	.38	14	.09	13	11	4		0	0	0		2	5	-	0	2.19	132
	Scarborough ¶§	9 9	118	10.4	5.4	7.9	+0.5	14.4	24	-3.3	30	8.2	10.4	.86	34	.25	13	12	8	0	0	0	0	0	2	1	3	0	2.07	123 S
	Silpho Moor ...	9 9	665	9.6	3.2	6.4	-	13.3	24,25	-3.3	30	-	-	1.02	-	.32	13	18	8	0	0	0	0	0	3	5	14	0	2.44	-
	Whitby C/Guard	21-9	200	10.0	5.1	7.5	-	15.4	24	-2.7	30	-	-	.37	-	.10	13	9	4	0	0	0	0	0	1	5	7	1	-	-
Yorks.,	High Mowthorpe	9 9	574	8.9	3.8	6.3	-	12.8	24	-4.4	30	6.6	-	.97	34	.24	13	13	8	0	0	0	0	0	3	4	11	0	2.13	-
E. Riding	Hull	9 9	8	10.4	4.6	7.5	+0.4	14.4	24,25	-2.2	30	7.5	9.4	.92	36	.37	13	13	6	2	0	0	0	0	4	5	8	0	1.72	110
	Leconfield ...	21-9	24	10.1	4.4	7.3	-	14.6	24	-3.8	30	-	-	.89	-	.32	13	12	7	2	0	0	0	0	3	5	12	0	2.14	-
	Filey	9 9	122	10.1	3.3	6.7	-	14.4	24	-3.9	30	-	-	.67	-	.20	13	12	6	1	0	1	0	0	4	6	9	0	1.91	-
	Bridlington ...	9 9	157	10.3	4.2	7.3	-	13.9	21,24	-3.9	30	-	-	.73	-	.26	13	11	5	0	0	0	0	0	2	3	9	0	2.21	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Navenby ...	9 9	60	10.0	3.3	6.7	-	14.4	24,25	-3.9	9	-	-	1.24	-	.24	13	11	9	1	0	0	0	0	7	7	14	0	-	-
	Waddington ...	21-9	224	9.4	4.2	6.8	+0.4	14.2	24	-3.3	30	-	-	1.31	-	.25	3	11	10	1	0	0	0	0	7	6	7	0	1.72	-
	Lincoln	9 9	22	9.9	2.6	6.3	-	14.4	24	-6.1	9	8.1	9.6	.96	-	.20	13	12	8	0	0	0	0	0	6	9	17	1	1.64	-
	Cranwell ¶§	9 9	205	9.9	3.8	6.9	+0.5	14.1	24	-3.1	30	7.2	9.2	1.05	45	.20	2	14	8	1	0	0	1	0	5	4	7	0	2.05	102
	Binbrook ...	21-9	353	9.2	4.1	6.7	-	14.1	24	-3.8	30	-	-	1.20	-	.35	13	12	8	2	0	0	0	0	4	4	12	0	-	-
	Cleethorpes ...	9 9	23	10.2	4.2	7.2	+0.2	15.0	24	-2.2	29,30	-	-	.79	33	.28	13	7	6	0	0	0	0	0	5	4	-	0	1.96	104
	Manby	21-9	55	10.1	4.1	7.1	-	15.5	24	-3.3	30	-	-	1.22	-	.39	13	9	8	2	0	1	0	0	3	6	8	0	2.11	-
	Skegness ...	9 9	15	10.7	4.4	7.5	+0.6	14.4	25	-5.0	30	-	-	1.00	43	.30	13	7	7	0	0	0	0	0	6	3	5	0	2.18	107
3 ENGLAND, E.																														
Norfolk	Terrington St. Clement ...	9 9	13	10.3	3.8	7.1	-	14.4	25	-5.0	30	7.6	-	1.31	65	.31	30	9	7	1	0	0	0	0	6	4	6	0	2.43	-
	Marham ...	21-9	76	10.2	4.3	7.3	-	14.6	25	-5.4	30	-	-	1.74	-	.70	30	11	9	1	0	0	0	0	4	5	10	0	-	-
	Santon Downham	9 9	80	10.9	2.8	6.9	-	15.0	25	-7.2	30	7.4	9.2	1.77	-	.60	30	13	8	-	0	-	-	-	6	8	14	-	2.18	-
	West Raynham ...	21-9	250	9.7	4.0	6.9	-	13.7	25	-5.4	30	-	-	1.95	-	.81	30	10	8	1	0	0	0	0	7	4	10	0	2.55	-
	Cromer	9 9	178	10.5	5.1	7.8	+0.5	13.3	24,25	-2.8	29,30	-	-	1.63	55	.56	30	11	7	-	0	-	-	-	0	2	5	-	2.72	135
	Sprowston ¶§	9 9	93	10.6	3.9	7.3	+0.4	13.9	24	-5.6	30	8.3	-	1.66	62	.46	30	11	8	0	0	0	0	0	2	5	11	2	2.16	118 S
	Coltishall ...	21-9	55	10.3	4.7	7.5	-	14.8	25	-5.6	29	-	-	1.47	-	.47	30	10	8	0	0	0	0	0	4	4	7	0	-	-
	Burlingham ...	9 9	89	10.6	4.7	7.7	-	14.4	25	-3.9	29	-	-	1.33	48	.42	30	10	7	0	0	0	0	0	2	2	6	1	2.59	-
	Gorleston ¶§	21-9	12	10.3	6.3	8.3	+0.6	14.6	25	-2.0	30	8.8	10.5	1.18	43	.30	30	10	7	0	0	0	0	0	0	2	2	0	2.73	142
Suffolk	Mildenhall	21-9	15	10.3	4.6	7.5	+0.5	14.6	25	-3.8	30	-	-	1.68	82	.65	30	11	8	1	0	0	0	0	5	4	9	0	2.10	112
	East Bergholt ...	9 9	14	11.5	3.8	7.7	-	15.6	25	-5.6	30	-	-	1.16	-	.33	13	12	8	0	0	0	0	0	3	7	13	0	-	-
	Wattisham ...	21-9	292	10.0	4.0	7.0	-	14.0	25	-7.0	30	-	-	1.39	-	.34	13	10	9	0	0	0	0	0	7	5	9	1	-	-
	Aldeburgh ...	21-9	15	10.4	6.3	8.3	-	14.5	25	-1.6	30	-	-	-	-	-	-	-	-	0	-	0	0	0	1	3	-	0	-	-
	Lowestoft ...	9 9	82	10.8	5.4	8.1	+0.7	14.4	25	-2.2	30	8.1	9.6	1.12	41	.30	13	10	6	1	0	0	0	0	1	2	5	0	2.62	132
Cambridge	Boxworth ...	9 9	157	10.3	3.8	7.1	-	15.0	25	-6.1	30	-	-	1.12	54	.41	30	10	8	0	0	0	0	0	6	6	11	0	2.35	-
	Cambridge Bot. Gdn. ¶	9 9	41	10.8	3.9	7.3	+0.6	15.0	25	-5.6	30	8.1	10.2	1.26	61	.50	30	11	7	0	0	0	0	0	5	5	10	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	10.5	4.0	7.3	-	15.0	25	-6.1	30	-	-	1.37	66	.63	30	11	7	0	0	0	0	0	6	6	12	0	2.10	111
Huntingdon	Monkswood ...	9 9	103	10.3	3.3	6.8	-	14.4	24,25	-6.1	30	7.6	-	.94	-	.24	30	10	7	0	0	0	0	0	6	7	12	0	-	-
	Wyton	21-9	129	10.2	4.3	7.3	-	14.7	24	-5.9	30	-	-	1.11	-	.33 *	30	11	7	1	0	0	0	0	7	6	6	0	-	-
Bedford	Woburn	9 9	291	10.2	4.3	7.3	+1.0	13.9	17,25	-2.8	30	8.2	10.7	.81	33	.30	13	10	6	0	0	0	0	0	4	4	9	0	2.18	111
	Luton	9 9	379	10.2	3.8	7.0	+0.5	13.9	15,16,20	-5.0	30		9.7	.99	37	.22	30	12	7	-	0	-	-	-	7	7	6	-	1.88	107
	Silsoe	9 9	195	10.3	3.9	7.1	-	13.9	13,18,25	-5.0	30	8.2	9.9	.90	40	.27	13	10	5	0	0	0	0	0	8	5	12	0	1.82	-
	Cardington ...	21-9	93	10.7	3.9	7.3	-	14.9	25	-6.9	30	8.3	10.3	.76	36	.19	13	12	6	0	0	0	0	0	6	5	12		1.88	-
	Letchworth ...	9 9	209	10.6	3.9	7.3	-	14.4	25	-5.6	30	-	-	.86	-	.25	30	9	6	-	-	-	-	-	-	6	5	-	-	-
Hertford	Bovingdon ...	21-9	516	9.8	4.6	7.2	-	13.6	13,18	-6.8	30	-	-	1.59	-	.64	13	12	6	1	0	0	0	0	6	3	6	0	-	-
	Garston ...	9 9	256	10.6	4.5	7.5	-	14.4	18	-7.2	30	-	-	1.37	-	.56	13	10	5	0	0	0	0	0	7	3	9	0	1.88	-
	Rothamsted ¶§	9 9	420	10.1	3.7	6.9	+0.7	13.9	13,17	-7.2	30	8.1	10.2	1.29	43	.44	13	16	6	0	0	0	0	0	6	4	11	0	1.95	102
	St. Albans ...	9 9	272	10.6	4.3	7.5	+1.1	13.9	13,18,25	-7.8	30	8.3	-	1.22	44	.45	13	10	6	0	0	0	0	0	3	3	8	0	1.85	-
	Stanstead Abbotts	9 9	97	11.5	3.9	7.7	-	14.4	13,15,25	-6.1	30	9.4	11.1	1.27	-	.34	13	9	6	-	0	-	-	-	10	4	13	-	-	-
	Hoddesdon ...	9 9	153	11.1	4.0	7.5	-	14.4	17,25	-6.1	30	7.9	-	1.33	-	.35	30	10	7	0	0	0	0	0	-	4	11	0	2.07	-
	Eastwick Lodge	9 9	137	11.3	3.6	7.5	-	15.0	25	-6.7	30	-	-	1.40	57	.39	30	12	6	-	0	-	-	-	3	4	-	-	-	-
Essex	Stansted ...	9 9	331	10.3	4.2	7.3	-	14.0	14,17	-6.5	30	-	-	1.41	-	.51	30	13	7	1	0	0	0	0	7	6	10	0	-	-
	Writtle	9 9	105	11.2	4.1	7.7	-	14.4	13,15	-6.1	30	8.3	-	1.12	46	.27	13	8	6	0	0	0	0	0	4	5	11	0	1.76	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90																											
	Maldon	9 9	14	11.1	4.5	7.8	-	14.4	15,16,25	-4.4	30	-	-	1.16	-	.24	13	17	9	0	-	0	0	0	9	4	-	0	-	-
	Earls Colne ...	9 9	160	11.3	3.8	7.5	-	14.4	12,16,25	-6.1	10	8.2	10.4	1.12	45	.32	30	10	8	-	0	-	-	-	6	6	13	-	-	-
	Shoeburyness ¶§	21-9	7	11.0	6.0	8.5	+0.8	15.1	25	-2.1	30	-	-	1.24	55	.25	2	11	9	0	0	0	0	0	5	3	7	0	2.05	99
	Clacton-on-Sea ...	9 9	53	10.9	5.9	8.4	-	14.4	25	-2.2	30	8.8	10.6	1.14	48	.27	13	13	7	0	0	0	0	0	1	3	3	0	2.41	113
	Walton-on-Naze	21-9	15	10.7	6.2	8.5	-	15.0	25	-2.9	30	-	-	1.19	-	.34	13	11	7	0	0	0	1	0	5	3	3	1	2.57	-
	Dovercourt ...	9 9	11	11.1	6.3	8.7	+1.2	14.4	16,25	-1.7	12,30	-	-	1.28	-	.33	13	12	8	0	-	0	0	0	2	3	8	0	-	-
4 MIDLAND COUNTIES																														
Yorks.,	Slaidburn ...	9 9	629	9.0	3.6	6.3	-	12.8	1,13,25	-5.0	30	-	-	5.28	-	.88	13	19	17	4	1	1	0	0	4	3	8	0	1.93	-
W. Riding	Malham Tarn ...	9 9	1297	7.2	2.6	4.9	-	11.7	1	-4.4	30	6.8	-	4.18	67	.58	22	18	16	3	3	0	1	0	7	6	15	0	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	9.8	4.2	7.0	+0.7	14.4	24	-4.4	30	7.6	9.6	1.81	-	.23	15	15	12	-	0	-	-	-	4	3	11	-	1.24	99
	„ Oakes	21-9	761	8.6	4.4	6.5	+0.5	14.0	-	-1.7	30	7.2	8.5	2.94	75	.37	13	20	14	3	2	0	3	1	5	4	12	2	1.20	72
	Bradford ¶	9 9	439	9.3	4.7	7.0	+0.8	13.9	24	-2.8	30	7.6	9.7	1.60	45	.28	15	17	13	1	0	0	1	0	4	1	11	0	-	-
	Ilkley	9 9	315	9.8	3.8	6.8	+0.7	13.9	24	-3.9	10	-	-	1.92	50	.28	15	15	15	2	0	0	0	0	1	2	-	0	1.20	74
	Sheffield ...	9 9	429	9.8	4.7	7.3	+0.4	14.4	24,25	-2.8	30	8.1	10.1	1.60	50	.31	13	15	11	2	0	0	0	0	-	2	13	0	1.36	96
	Wakefield ...	9 9	121	10.1	4.4	7.3	+0.7	14.4	13,24	-5.0	30	8.1	9.6	.81	32	.22	17	15	6	0	0	0	0	0	6	3	13	0	-	- S
	Pontefract ...	9 9	255	9.9	4.4	7.1	+0.6	14.4	24	-3.3	30	-	-	.55	24	.15	17	12	5	0	0	0	0	0	9	1	4	0	-	-
	Bramham ...	9 9	177	9.8	3.4	6.6	-	14.4	24	-5.0	30	-	-	1.16	51	.24	16	15	9	0	0	0	0	0	7	6	12	0	1.70	-
	Cawood	9 9	20	9.9	3.2	6.5	-	15.0	24	-6.7	30	7.2	9.2	.61	26	.12	13	11	7	0	0	0	0	0	2	6	12	0	1.50	-
	Askham Bryan ...	9 9	110	10.1	3.4	6.7	-	15.0	24	-6.1	30	-	-	.62	25	.14	30	7	7	0	0	0	0	0	6	7	17	0	2.09	132
Derby	Buxton	9 9	1007	8.2	3.5	5.9	+0.6	12.2	13,18,24	-7.8	30	6.5	8.2	3.68	74	.84	13	18	16	4	3	0	0	0	11	7	10	1	-	-
	Chapel en le Frith	9 9	732	9.3	3.4	6.3	-	12.8	14,18,24	-6.7	30	-	-	2.95	-	.51	13	16	14	3	3	2	0	0	1	7	12	0	-	-
	Mackworth ...	9 9	293																											
	Belper	9 9	203	10.3	3.5	6.9	+0.4	14.5	24,25	-5.5	30	-	-	1.73	59	.41	13	13	8	1	0	0	0	0	-	9	-	0	-	-
	Derby	9 9	159				-	15.0	24	-5.5	30	-	-	1.21	-	.27	13	12	9	1	0	0	0	0	5	3	8	0	1.72	-
	Morley	9 9	350	10.0	3.9	6.9	-	13.0	24	-5.5	30	-	-	1.20	47	.30	13	10	8	0	0	0	0	0	-	1	12		1.79	- S
	Chesterfield ...	9 9	298	10.3	4.0	7.1	-	14.5	21,24	-5.0	30	-	-	1.37	-	.29	13	15	9	1	0	0	0	0	7	3	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	10.3	4.1	7.2	+0.8	15.0	24	-3.3	30	8.4	10.1	.95	43	.24	13	11	9	0	0	0	0	0	3	4	11	0		
	Watnall	21-9	385	9.7	4.4	7.1	-	14.2	25	-5.1	30	-	-	1.41	53	.37	13	12	7	2	0	0	1	0	8	4	13	0	1.48	88
	Nottingham Training College ...	9 9	159	10.5	4.5	7.5	-	15.5	25	-3.3	30	-	-							-	-	-	-	-	4	4	7	-	1.47	-
	Mansfield ...	9 9	362	9.5	4.3	6.9	+0.6	13.9	24	-3.3	30	7.2	-	1.10	39	.31	13	11	7	1	0	0	0	0	8	3	10	0	-	-
	Nottingham ¶§	9 9	192	10.3	5.1	7.7	+0.8	15.0	25	-3.3	30	7.5	9.9	1.06	46	.29	3	10	7	0	0	0	0	0	5	1	4	0	1.67	113
	Warsop	9 9	150	10.3	2.9	6.6	-	15.0	24	-7.1	30	-	-	.96	40	.17	17	15	9	-	0	-	-	-	8	7	15	-	1.81	-
	Finningley ...	21-9	34	10.1	4.4	7.3	+0.6	15.6	24	-6.3	30	-	-	.85	-	.16	17	12	9	2	0	0	0	0	7	4	11	0	1.78	- S
Leicester	Newtown Linford	9 9	392	9.9	3.7	6.8	-	14.5	17	-2.8	2,30	-	-	1.16	-	.25	13	15	9	1	0	0	1	0	7	5	12	0	1.64	-
	Caldecott ...	9 9	175	10.7	3.1	6.9	-	15.0	17	-5.0	30	-	-	.90	-	.25	30	11	6	-	0	-	-	-	3	9	9	-	1.62	-
Northampton	Bugbrooke Mills	9 9	228	10.5	3.5	7.0	-	15.0	24,25	-4.5	30	7.9	9.8	.89	-	.26	30	13	5	0	0	0	0	0	8	5	-	0	1.99	-
	Raunds	9 9	193	10.3	3.7	7.0	-	14.5	24,25	-5.0	30	7.9	10.1	.88	38	.22	13	14	7	0	0	0	0	0	8	5	7	0	1.90	- S
	Wittering ...	21-9	212	10.1	4.4	7.3	-	14.5	25	-4.7	30	-	-	.98	-	.31	13	12	6	2	1	0	0	0	5	5	15	1	2.06	-
Warwick	Birmingham K.E.S.*	9 9	450	10.1	4.8	7.5	-	14.5	17,25	-2.2	30	-	-		-	.26	8,13	9	7	1	0	0	0	0	4	1	-	0	-	-
	Edgbaston ¶§	21-9	536	9.7	5.7	7.7	+1.0	14.6	18	-2.4	30	8.6	10.1	1.20	38	.28	3	13	7	3	0	0	0	0	4	1	4	0	1.42	89
	Luddington ...	9 9	138	10.6	4.4	7.5	-	14.5	17	-2.8	30	-	-			.32	30	12		2	0	0	0	0	3	3	7	0	1.83	-
	Stratford on Avon	9 9	160	10.7	3.9	7.3	-	14.5	17,18,25	-3.9	30	8.0	-	1.05	49	.29	30	13	6	0	0	0	0	0	3	4	10	0	1.72	-
	Elmdon	21-9	319	10.2	4.4	7.3	-	15.1	25	-4.3	30	-	-	.97	36	.23	13	11	5	3	0	0	0	0	4	4	9	0	1.71	-
	Shipston on Stour	9 9	365	10.3	4.5	7.4	-	13.9	17,18,24	-3.3	30	8.1	-	1.24	-	.24	30	14	6	2	1	1	0	0	4	3	14	-	1.83	- S
	Wellesbourne ...	9 9	153	10.5	3.9	7.2	-	14.5	17,25	-3.9	9	7.3	8.5	.97	40	.30	30	13	7	1	0	0	0	0	-		-	0		
	Moreton Morrell	9 9	280	10.8	4.1	7.5	-	14.5	25	-2.2	9,30	-	-	.88	-	.26	30	12	5	3	1	0	0	0	2	4	9	0	1.74	- S
	Coventry ...	9 9	338	10.2	4.3	7.3	+1.0	14.5	25	-2.2	30	-	9.9	.96	37	.25	13	10	6	0	-	0	0	0	1	2	11	0	1.77	112
	Rugby	9 9	385	10.1	4.3	7.2	+1.0	13.9	17	-2.8	30	-	-							1	0	0	0	0	1	3	8	0	-	-
Oxford	Oxford ¶§	9 9	208	10.5	5.0	7.7	+0.7	14.5	18	-3.9	30	8.3	10.3	.98	38	.22	13	11	6	1	0	0	0	0	6	1	6	0	1.83	89
	Grendon Underwood	9 9	220	10.5	3.2	6.9	-	14.5	18	-7.2	30	8.1	10.1	.80	-	.25	13	10	7	0	0	0	0	0	-		8	0	2.03	-
Buckingham	Medmenham	9 9	98																											
	Aylesbury ...	9 9	316	-	4.0	-	-	-	-	-5.5	30	-	-	.81	30	.33	13	10	5	0	0	0	0	0	8	4	10	0	1.76	-
Stafford	Keele	9 9	587	9.7	4.0	6.9	-	15.5	17	-4.5	30	7.1	9.2	1.59	51	.38	30	13	9	2	0	0	0	0	5	4	11	0	1.74	-
	Oaken	9 9	409	9.9	3.1	6.5	-	14.5	24,25	-3.3	30	7.3	-	1.38	-	.46	30	10	7	-	-	-	-	-	-	6	-	-	-	-
	Stone	9 9	350	10.1	3.3	6.7	-	15.0	17	-4.5	30	-	-	1.64	-	.30	30	17	9	0	0	0	0	0	2	7	13	0	1.53	- S
	Penkridge ...	9 9	330	10.0	3.8	6.9	-	15.0	17,24	-4.5	30	-	-	1.04	-	.26	30	10	7	1	0	0	0	0	2	5	13	0	-	-
	Onecote ...	9 9	1350	7.3	2.7	5.0	-	11.1	18,24	-4.5	30	6.2	8.1	2.47	-	.50	13	12	12	2	3	0	0	0	12	6	11	0	1.63	-
Shropshire	Oswestry ...	9 9	570	9.9	4.3	7.1	-	14.5	19,22	-1.7	10,30	-	-	1.79	-	.51	13	12	10	0	0	0	0	0	3	7	14	0	2.10	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	1.86	51	.46	28	16	10	-	-	-	-	-	-	-	-	-	1.86	-
	Shrewsbury ...	9 9	184	10.4	4.5	7.5	+0.7	15.0	17,19	-4.5	30	8.9	10.9	1.46	59	.37	30	13	9	0	0	0	0	0	5	3	9	0	1.82	108
	Shawbury ...	21-9	235	10.0	3.6	6.8	+0.2	15.0	17	-7.0	30	-	-	1.55	63	.59	30	13	8	2	0	0	0	0	3	6	14	0	1.82	- S
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.10	-
	Newport ...	9 9	211	10.1	2.9	6.5	+0.3	15.5	17	-5.5	30	-	-	1.29	52	.55	30	12	6	0	0	0	0	0	3	8	16	1	1.15	70
Worcester	Malvern	9 9	203	10.7	5.5	8.1	-	15.0	13,17,18	-4.5	30	8.5	10.7	1.34	47	.34	28	17	9	0	0	0	0	0	6	1	3	0	1.75	90
	Worcester ...	9 9	190	10.5	4.5	7.5	-	15.0	18	-3.9	30	-	-	.92	38	.23	28,30	13	5	-	0	-	-	-	3	3	12	-	1.59	-
	Pershore Inst. of Hort.	9 9	130	11.4	4.9	8.1	-	15.5	17	-3.3	30	-	-		-	.31	28			-	0	-	-	-	3	3	15	-		
	Pershore ...	21-9	114	10.7	4.8	7.7	-	15.3	17	-2.8	9	-	-	.90	-	.24	28	9	6	0	0	0	0	0	4	3	7	1	1.72	-
	Halesowen ...	9 9	505	9.9	4.2	7.1	-	14.5	25	-3.3	30	8.3	9.9	1.54	-	.42	30	10	9	2	0	0	0	0	2	3	11	0	1.63	-
Hereford	Lyonshall ...	9 9	510	10.1	4.9	7.5	+1.2	14.5	17,19	-2.8	30	-	-	1.73	-	.34	15	12	10	-	-	-	-	-	-	3	11	-	-	-
	Credenhill ...	9 9	246	10.7	4.7	7.7	-	15.0	17	-4.5	30	-	-	1.19	-	.34	15	12	7	-	0	-	-	-	3	5	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	10.8	5.6	8.2	+1.0	15.6	17	-2.2	30	8.5	10.4	1.13	39	.25	13,28	10	7	0	0	0	0	0	5	3	10	0	1.72	94
	Preston Wynne ...	9 9	274	10.5	4.3	7.4	-	14.5	17,18	-4.5	30	-	-	1.26	-	.32	13	12	8	0	0	0	0	0	3	5	15	0	1.70	-
Gloucester	Avonmouth ...	9 9	31	11.3	6.3	8.8	-	13.9	14,17,24	0.0	30	-	-	-	-	-	-	-	-	0	0	0	0	1	3		3	0	-	-
	Filton	21-9	192	10.6	5.9	8.3	+0.9	13.5	18	-2.3	30	-	-	2.13	69	.46	13	11	9	1	0	0	0	1	2	1	8	0	1.44	-
	Hempsted ...	9 9	39	10.7	5.1	7.9	-	15.0	18	-1.1	30	-	-	1.25	-	.24	28	12	8	0	0	0	0	0	7	1	8	1	1.74	-
	Gloucester ...	21-9	79	10.9	6.1	8.5	-	15.5	18	-0.8	30	-	-	1.20	-	.35	14	9	8	1	0	0	0	0	2	1	9	0	1.87	-
	Cheltenham ...	9 9	214	10.7	5.1	7.9	+1.0	15.0	18	-1.1	30	-	-	1.11	41	.27	28	11	9	-	-	-	-	-	-	2	-	-	1.87	-
	Cirencester ...	9 9	443	10.1	4.4	7.3	-	14.5	18	-2.2	30	-	-	1.81	54	.42	28	11	9	1	1	0	0	0	8	4	11	-	1.73	-
	Little Rissington	21-9	740	9.3	4.6	6.9	-	14.0	18	-3.2	30	-	-	1.40	45	.29	13	12	10	3	2	0	0	0	10	3	3	0	1.86	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	11.2	5.9	8.5	+0.8	15.0	15,18	-3.3	30	8.9	10.8	1.66	64	.52	13	11	8	0	0	0	0	0	6	1	5	0	-	-
	Hampstead ...	9 9	450	10.1	5.1	7.6	+1.0	13.9	18	-2.8	30	-	-	1.67	59	.51	13	12	6	1	0	0	0	0	-	2	6	0	1.83	105
	St. James's Park	9 9	27																											
	Regent's Park ...	9 9	129	11.3	6.1	8.7	-	15.0	18	-2.8	30	-	-	1.63	-	.44	13	12	8	-	0	-	-	-	5	1	8	-	1.44	99
	Camden Square	9 9	121	11.2	6.0	8.6	+0.9	15.0	18	-2.2	30	8.6	10.5	1.66	64	.46	13	12	7	-	0	-	-	-	-	1	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.77	128
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.41	114
	Greenwich ...	9 9	24	11.3	5.8	8.5	-	15.0	18	-1.1	30	-	-	1.71	72	.35	13	13	9	0	0	0	0	0	4	2	3	0	0.97	69
Middlesex	London (Heathrow) Airport	21-9	82	10.9	5.8	8.3	+1.1	15.0	18	-4.9	30	-	-	1.17	46	.28	13	11	7	1	0	0	0	0	5	2	5	0	1.83	-
	Hampton ...	9 9	39	11.1	5.7	8.4	-	15.5	18	-3.9	30	-	-	1.40	-	.27	13	11	8	0	0	0	0	0	5	1	5	0	1.59	-
	Southgate ...	9 9	221	11.1	5.1	8.1	-	14.5	15,25	-3.9	30	8.6	-	1.52	-	.48	13	10	7	0	0	0	0	0	4	2	7	0	1.62	-
Surrey	Wisley	9 9	150	10.6	5.1	7.9	+0.9	15.0	18	-5.5	30	8.5	10.2	1.48	52	.27	17	11	9	0	0	0	0	0	5	3	11	0	1.56	91
	Mickleham ...	9 9	179	10.7	3.5	7.1	-	15.0	18	-5.0	29,30	-	-	2.34	69	.49	29	12	11	1	0	0	0	0	1	8	13	0	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	11.0	6.7	8.9	+1.2	15.1	18	-3.3	30	9.1	10.5	1.34	54	.30	13	9	7	0	0	0	0	0	1	2	5	0	1.83	103
—cont.	Gatwick ... §	21-9	192	10.7	3.7	7.2	-	14.9	18	-5.7	29	-	-	2.20	-	.35	15	14	11	1	0	0	0	0	6	6	9	0	2.00	-
	Waddon ...	9 9	220	11.0	5.1	8.1	+0.7	15.0	18	-5.0	30	-	-	1.81	61	.28	13,16	14	12	-	-	-	-	-	-	2	-	-	-	-
	Addington ...	9 9	474	10.0	5.1	7.5	+0.7	13.9	18	-3.3	30	-	-	2.06	65	.34	13,16	15	12	-	-	-	-	-	5	1	-	-	-	-
Kent	Bromley ...	9 9	213	10.9	5.4	8.1	+0.8	14.5	13,18	-3.9	30	-	-							-	-	-	-	-	7	2	-	-	-	-
	Swanley	9 9	177	10.8	4.9	7.9	-	14.5	13,18	-5.0	30	8.9	-	1.51	-	.30	16	12	10	0	0	0	0	0	6	3	10	0	1.24	-
	Dartford ...	9 9	17	11.4	5.4	8.4	-	15.0	13,18	-5.0	30	-	-	1.40	57	.28	'16	13	9	0	0	0	0	0	6	2	-	0	-	-
	Tunbridge Wells	9 9	351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Goudhurst ...	9 9	280																											
	East Malling ¶§	9 9	122	11.0	4.4	7.7	+1.0	15.0	25	-5.0	29,30	8.0	10.1	2.23	72	.49	13	13	11	1	0	0	0	0	8	5	12	0	1.83	99
	Gillingham ...	9 9	14	11.2			-	15.0	13,15,25			-	-	1.43	-	.26	13	12	10	0	0	0	0	0	5		-	0	1.53	-
	Sittingbourne ...	9 9	224	10.7	4.9	7.8	-	15.0	25	-3.3	30	8.4	10.3	1.87	64	.32	13,15	11	10	0	0	0	0	0	6	5	8	2	1.90	-
	Isle of Grain ...	9 9	9	11.5	6.2	8.9	-	15.0	15,25	-2.3	30	-	-	3.36	-	1.65	13	12	9	1	0	0	0	0	5	2	4	0	1.63	-
	Faversham ...	9 9	157	10.7	4.6	7.7	-	15.0	25	-3.9	30	8.5	10.2	2.36	-	.49	30	12	9	1	0	1	0	0	5	5	-	0	2.01	-
	Dungeness ...	21-9	10	10.9	6.4	8.7	+0.5	14.0	25	-2.7	30	-	-	3.22	106	.65	30	14	11	0	0	1	0	1	1	2	-	3	-	-
	Wye	9 9	185	10.1	4.7	7.4	+0.5	14.4	25	-5.0	29	-	-	2.83	79	.50	30	15	10	0	0	0	0	0	7	7	8	0	1.95	96
	Whitstable ...	9 9	9	11.1	6.0	8.5	-	14.5	15,16,25	-2.2	29,30	-	-	1.62	62	.42	30	12	10	0	0	1	0	0	3	4	-	1	1.92	-
	Folkestone ...	9 9	128	11.1	6.1	8.6	-	15.0	25	0.0	29	-	11.6	2.92	88	.51	30	13	11	0	0	1	0	0	1	1	4	1	2.29	-
	Elmstone ...	9 9	28	10.9	4.0	7.5	-	15.0	25	-5.0	29	-	-	1.85	-	.44	30	12	9	-	0	-	-	-	3	8	9	-	-	-
	Herne Bay ...	9 9	21	11.0	6.3	8.7	-	15.0	16	-1.1	29,30	-	-	1.73	63	.51	30	12	11	0	0	0	0	0	2	2	-	0	1.95	-
	Dover	9 9	19	11.9	6.6	9.3	+1.0	16.1	25	-1.7	29	9.8	11.3	3.21	87	.80	15	12	11	0	0	0	0	0	1	2	4	1	2.24	-
	Deal	21-9	18	10.9	6.7	8.8	-	16.1	25	-1.5	11	-	-	2.18	-	.61	30	13	11	0	0	0	0	0	5	4	4	0	-	-
	Manston ...	21-9	145	10.7	5.6	8.1	-	14.7	25	-3.1	29	-	-	1.68	-	.48	30	11	10	0	0	0	0	0	3	4	8	0	-	-
	Ramsgate ...	9 9	80	11.3	6.6	8.9	-	15.0	25	0.0	30	-	-	1.98	73	.55	30	11	11	1	0	0	0	0	4	1	-	-	2.01	99
	Margate ...	9 9	51	11.0	6.9	8.9	+0.5	14.5	15,16	0.5	29,30	8.9	10.9			.26	13			0	0	0	0	0	3	0	5	0	2.04	102
Sussex	Thorney Island ...	21-9	10	11.4	5.7	8.5	-	14.5	25	-2.5	29	-	-	2.74	87	.56	13	13	9	0	0	0	0	1	1	2	9	0	1.89	-
	Bognor Regis ...	9 9	24	11.3	5.9	8.6	+0.5	15.0	25	-1.1	30	-	11.3	3.50	104	.78	29	14	11	0	0	0	1	1	0	2	6	0	2.20	91
	Fernhurst ...	9 9	188	10.9	4.6	7.7	-	14.4	18	-4.4	29	-	-	2.07	-	.51	13	11	10	1	-	0	0	0	-	6	20	0	1.89	-
	Littlehampton ...	9 9	15	11.6	5.2	8.4	+0.5	15.0	18	-2.8	29	-	11.0	2.88	84	.76	29	14	11	0	0	0	0	1	1	3	-	0	2.05	87
	Rustington ...	9 9	10	11.3	5.1	8.2	-	14.4	16,18,25	-3.3	29	-	9.9	2.97	-	.83	29	12	11	-	0	-	-	-	-	3	10	-	1.89	-
	Worthing ...	9 9	25	11.3	5.7	8.5	+0.3	14.4	25	-1.1	29,30	8.9	10.9	3.04	88	.98	29	14	9	0	0	1	0	1	0	2	5	1	2.15	88
	Brighton ...	9 9	32	11.5	6.7	9.1	-	13.9	1,25,26	-1.1	30	-	11.3	2.97	88	.60	13	14	11	1	0	1	0	1	2	2	6	1	2.26	97
	East Grinstead ...	9 9	400	10.9			-	15.0	18	-5.6	30	-	-							-	-	-	-	-	4	5	-	-	-	-
	Seaford	9 9	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	East Hoathly ...	21-9	130	11.0	4.3	7.7	-	14.9	18	-4.4	10,29	-	-	3.03	-	.52	13	13	12	0	0	0	0	0	5	5	12	0	3.00	-
	Eastbourne ...	9 9	23																											
	Eastbourne C/Guard	21-9	17																											
	Bexhill	9 9	12	11.4	6.3	8.9	+0.7	14.4	16	-1.7	29	8.9	-	2.96	83	.55	13	12	11	0	0	0	0	1	2	2	5	1	2.21	102
	Bodiam	9 9	73	11.1	3.7	7.4	-	15.6	18	-1.7	29	8.4	10.8	3.42	-	.91	30	13	11	0	0	0	0	1	2		14	0	1.78	-
	Hastings ¶§	9 9	149	11.2	6.6	8.9	+0.6	14.4	25	0.0	29,30	8.4	10.7	2.65	74	.45	13	14	12	0	0	0	0	1	0	1	8	0	2.20	98
Berkshire	Letcombe Regis	9 9	350	10.4	4.4	7.4	-	14.4	18	-4.4	30	-	-	1.65	-	.42	28	13	8	2	2	0	0	0	5	5	-	0	-	-
	Abingdon ...	21-9	210	10.4	5.1	7.7	+0.8	14.7	18	-4.3	30	-	-	1.17	48	.21	17	12	9	1	1	0	0	0	7	3	7	0	1.77	-
	Compton ...	9 9	339	10.4	3.9	7.1	-	14.4	18	-5.0	30	9.1	-	1.24	-	.24	13	11	9	1	0	0	0	0	4	5	17	0	1.93	-
	Woolhampton ...	9 9	370																											
	Wallingford ...	9 9	157	10.7	4.2	7.5	-	15.0	18	-5.6	30	8.8	10.6	1.04	-	.24	16	12	8	1	0	0	0	0	-	3	8	0	1.75	- S
	Shinfield ...	9 9	200	10.9	4.8	7.9	+1.1	15.6	18	-3.9	30	-	-	1.25	45	.21	17,30	11	9	-	0	-	-	-	4	3	-	-	1.74	-
	Reading ...	9 9	148	11.1	5.6	8.3	+1.2	15.6	18	-3.9	30	8.7	10.7	1.23	45	.21	17	12	7	1	0	0	0	1	3	2	5	0	2.01	-
	Reading S.T.G.	9 9	141	10.9	5.1	8.0	-	15.6	18	-3.9	30	-	-	1.31	51	.26	17	12	7	-	0	-	-	-	3	3	9	-	1.94	-
	Finchampstead ...	9 9	212																											
	Hurley	9 9	140	10.9	4.3	7.6	-	15.0	18	-5.6	30	7.9	-	1.38	-	.32	13	9	8	0	0	0	0	0	3	6	9	0	1.95	-
	Bracknell ...	9 9	243	10.7	5.2	7.9	-	15.0	18	-4.4	30	7.9	10.7	1.37	-	.37	17	12	8	1	0	0	0	0	7	2	6	0	1.83	-
Hampshire	Bournemouth ...	9 9	130	11.4	5.7	8.5	+0.7	15.0	25	-1.7	30	8.9	14.1	2.11	56	.50	13	11	9	0	0	0	0	0	0	2	7	0	2.35	100
	Hurn	21-9	33	11.5	4.8	8.1	-	15.0	25	-3.8	30	-	-	1.95	53	.41	13	11	11	0	0	1	0	0	1	5	12	0	-	-
	Christchurch ...	9 9	9	11.7	5.4	8.5	-	15.0	25	-1.7	29	-	-	1.97	-	.42	14	10	9	0	0	0	0	0	1	3	10	0	-	-
	Everton ...	9 9	51	11.7	5.8	8.7	-	15.0	1,25	-1.7	30	-	-	1.82	-	.37	13	10	10	0	0	0	0	0	0	2	4	0	2.22	-
	Southampton ¶§	9 9	65																											
	Leckford ...	9 9	385	10.3	4.8	7.5	-	13.9	18	-3.3	30	8.3	-	2.10	59	.50	13	12	9	-	0	-	-	-	0	3	-	-	1.82	82
	Winchester ...	9 9	122	11.4	4.6	8.0	-	15.6	18	-5.6	13	-	9.6	2.08	58	.60	13	11	8	0	0	0	0	0	0	5	-	0	1.85	- S
	Martyr Worthy	9 9	275	10.8	4.6	7.7	-	14.4	18	-5.0	30	-	-	1.90	-	.48	13	12	7	0	0	0	0	0	0	3	5	0	1.80	-
	Southsea ...	9 9	7	11.4	6.6	9.0	+0.6	15.0	25	-1.1	30	9.7	11.4	2.68	82	.55	13	12	10	0	0	0	0	0	2	1	12	1	1.99	86
	Hayling Island ...	9 9	13	11.2	6.5	8.9	-	13.9	16,25	-1.7	30	-	-	2.95	-	.74	29	12	10	0	0	0	0	0	0	1	-	1	2.14	-
	Long Sutton ...	9 9	512	9.8	4.7	7.3	+0.9	13.3	17,18	-3.3	30	8.6	10.5	1.77	50	.51	13	12	9	0	0	0	0	0	4	2	12	0	1.59	84
	Alice Holt Lodge	9 9	378	10.2	4.8	7.5	-	13.9	18	-5.0	30	-	-	2.02	57	.45	13	12	11	0	0	1	0	1	3	2	10	0	1.59	-
	S. Farnborough	21-9	226	10.7	5.1	7.9	+0.8	15.6	18	-5.2	30	-	-	1.46	51	.21	13	11	10	0	0	0	0	0	4	3	10	0	1.42	74
I. of Wight	St. Catherine's Pt.	9 9	51	11.3	7.3	9.3	+0.5	13.5	1,15,17	-0.1	10	-	-	2.93	81	.86	29	14	11	0	-	0	0	1	0		-	3	-	-
	Ventnor Park ...	9 9	443																											
	Shanklin ...	9 9	180	11.2	6.8	9.0	-	13.9	16,17,25	-2.2	30	-	-	3.21	-	.81	13	13	11	0	0	0	0	1	4	2	-	1	2.33	-
	Sandown ...	9 9	13	11.9	7.0	9.5	+0.8	16.1	25	-1.7	30	-	-	3.02	81	.61	13	12	10	0	0	0	0	1	0	1	-	-	2.22	93
	Ryde	9 9	15	11.7	7.2	9.5	+1.0	15.6	25	-1.7	30	-	-	2.89	80	.69	13	13	10	-	0	-	-	-	0	1	-	-	2.00	87
Wiltshire	Lacock	9 9	160	10.9	4.6	7.7	-	14.4	17,18	-3.9	30	-	-	1.88	-	.44	15	12	9	-	0	-	-	-	3	3	17	-	-	-
	West Lavington	9 9	305	10.6	4.5	7.5	-	13.9	13,18	-3.3	30	-	-	1.67	52	.41	15	13	9	1	0	0	0	0	2	5	-	0	-	-
	Lyneham ...	21-9	476	9.9	4.9	7.4	-	13.9	18	-4.2	30	-	-	1.51	51	.39	13	11	10	2	0	0	1	1	5	3	8	0	1.68	-
	Chiseldon ...	9 9	510	9.8	4.5	7.1	-	14.4	18	-4.4	30	-	-	1.80	-	.39	15	11	9	3	2	0	0	1	5	4	13	2	-	-
	Larkhill	9 9	431	10.4	4.4	7.4	+0.9	14.1	18	-4.7	30	-	-	2.06	66	.47	15	12	10	1	0	0	0	0	1	3	11	0	-	-
	Boscombe Down	21-9	414	10.4	4.8	7.6	+0.8	14.2	18	-5.0	30	-	-	2.32	73	.59	15	12	10	1	0	0	0	0	0	5	11	0	1.94	94
	Upavon	21-9	578	9.5	4.8	7.1	-	13.5	16	-3.4	29,30	-	-	1.88	-	.56	16	10	9	1	0	0	0	0	6	4	7	0	-	-
	Porton ... ¶§	9 9	364	10.7	4.2	7.5	+1.0	14.6	18	-5.4	30	8.0	-	2.06	62	.50	13	13	10	1	0	0	0	0	1	4	13	0	1.81	84
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	10.5	5.2	7.9	-	12.2	24	0.0	10,30	-	-	3.95	89	1.05	30	15	14	-	0	-	-	-	0	0	11	-	2.84	-
	Carlisle	21-9	86	9.7	3.9	6.8	-	14.1	13	-5.0	10	-	-	2.01	-	.59	13	14	10	3	0	3	0	0	2	8	12	0	2.25	-
	Newton Rigg ¶§	9 9	560	9.7	2.9	6.3	+0.7	13.3	24	-5.0	30	6.5	-	2.40	72	.39	27	18	13	-	0	-	-	-	1	7	12	-	2.07	130
	Spadeadam ...	9 9	900																											
Westmorland	Ambleside ...	9 9	151	10.2	3.6	6.9	-	13.3	13	-6.1	10	-	-	6.84	84	1.57	13	18	18	2	0	2	0	0	0	6	-	0	2.15	152 S

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	3.9	0.5	2.2	-	9.8	9	-4.0	30	-	-	-	-	-	-	-	-	-	-	-	-	-	22	13	-	-	1.53	-
—cont.	Moor House ...	9 9	1825	6.3	0.1	3.2	-	11.1	9	-8.9	30	5.1	-	5.79	-	.93	14	18	16	-	3	-	-	-	2	14	19	-	1.84	-
Lancashire	Squires Gate ...	21-9	33	9.9	4.2	7.1	-0.3	13.0	1	-6.8	10	-	-	2.19	65	.47	13	15	12	0	0	1	1	0	6	9	11	0	2.38	136
	Urswick	9 9	130																											
	Southport * ...	9 9	16	10.3	3.8	7.3	-	10.0	4	-4.4	9,10	7.5	-	2.75	-	.59	30	15	12	-	0	-	-	-	8	7	10	-	2.13	-
	Poulton-le-Fylde	9 9	38							-5.6	9	-	-	2.00	-	.48				0	0	0	0	0	5	7	-	0	-	-
	Grizedale ...	9 9	300	-	2.9	-	-	15.0	13,24	-5.0	10	7.6	-	5.64	-	1.07	13	19	18	2	2	0	0	0	1	6	13	0	-	-
	Speke	21-9	80	10.3	5.5	7.9	-	15.1	19	-1.6	10	-	-	2.47	84	.53	28	11	11	0	0	2	0	0	4	2	5	1	1.68	-
	Kirkham ...	9 9	78																											
	Garstang ...	9 9	68	10.3			-	12.8	13,19,24			-	-	2.55	-	.51	13	16	14	-	0	-	-	-	0	6	11	-	2.52	-
	Morecambe ...	9 9	24	9.8	5.2	7.5	+0.4	12.2	13,14,24	-2.2	10	-	-	2.47	64	.62	13	16	14	0	0	0	0	0	0	3	-	0	2.94	165
	Preston	9 9	108	10.2	4.5	7.3	-	13.3	19,24	-3.3	30	-	-	2.74	70	.47	13	15	14	0	0	0	4	0	6	4	12	0	-	-
	Stonyhurst ¶§	9 9	377	9.8				12.8	24	-2.8	10	-	-	3.98	84	.68	22	17	15	-	0	-	-	-	2	3	8	-		
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.25	-
	Helmshore ...	9 9	854	8.7	3.9	6.3	-	12.8	24	-3.9	30	7.0	-	5.11	80	.90	13	19	17	-	3	-	-	-	4	4	13	-	2.02	-
	Burnley	9 9	655																											
	Nelson	9 9	540																											
	Rochdale ...	9 9	362	9.9	3.3	6.6	-	13.9	14,24,25	-5.0	10,30	-	-	4.15	-	.48	15	19	16	2	1	0	0	0	5	7	13	0	1.46	- S
Cheshire	Bidston Obs'y. ¶§	9 9	198																											
	Winnington ...	9 9	65	10.6	4.8	7.7	-	15.6	24	-3.9	30	-	-	2.13	73	.51	30	16	10	1	0	1	0	0	5	4	9	1	-	-
	Knutsford ...	9 9	212	10.0	3.8	6.9	-	14.4	19,24	-5.0	9	7.7	10.0	2.29	-	.43	28	17	10	-	0	-	-	-	5	4	15	-	-	-
	Ringway ¶§	21-9	248	9.6	4.5	7.1	+0.4	14.2	24	-6.2	10	-	-	2.21	73	.40	28	16	10	3	0	2	0	0	3	4	7	0	1.67	116
	Macclesfield ...	9 9	500	9.3				13.3	24	-5.0	10	-	-	2.22	65	.41	28	18	13	1	0	1	0	0	3	5	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	11.4	5.0	8.2	+0.3	16.1	24	-3.3	9	-	-	1.78	70	.55	30	15	9	0	0	2	2	0	1	3	5	1	2.51	138
	Prestatyn ...	9 9	12	11.2	5.2	8.2	-	16.1	24	-3.3	11	-	-	1.48	53	.37	28	14	10	0	0	1	0	0	0	3	-	0	1.95	115
	Hawarden Bridge	9 9	17	10.9	4.3	7.6	+0.3	16.7	19	-3.3	30	-	-	1.50	55	.59	30	12	7	0	0	0	2	0	5	7	-	0	-	-
Anglesey	Valley	21-9	33	11.6	6.1	8.9	+0.2	14.0	17,19	-2.7	9	-	-	2.90	81	.85	28	15	13	0	0	4	0	1	0	3	7	4	2.75	141
Denbigh	Colwyn Bay ...	9 9	118	11.7	5.7	8.7	+0.4	16.1	24	-0.6	10	8.3	-	1.78	61	.69	28	10	9	0	0	3	0	0	0	3	-	0	2.24	131
	Alwen	9 9	1100	8.9	1.8	5.3	-	12.2	9,13,20	-7.2	10,11	-	-	3.44	-	.61	13	18	15	-	-	-	-	-	-	11	13	-	-	-
	Ruthin	9 9	248	11.1	3.8	7.5	-	16.1	17	-4.4	9	-	-	1.65	-	.58	30	13	9	-	0	-	-	-	2	7	-	-	2.54	-
	Loggerheads ...	9 9	690	9.6	2.9	6.3	-	14.4	17	-4.4	10,11	-	-	2.16	-	.84	30	17	10	2	0	1	0	0	0	8	9	1		
	Bwlchgwyn ...	9 9	1267	8.4	3.3	5.9	-	12.2	17,19	-1.7	28,30	6.8	-	1.87	-	.28	17	17	10	1	1	0	0	0	4	7	13	0	-	-
	Wrexham ...	9 9	275	10.6	3.9	7.3	-	16.1	17	-6.1	30	7.7	9.4	1.57	-	.76	30	10	7	0	0	0	0	0	5	5	12	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	11.8	8.6	10.2	-	14.3	19	4.0	30	-	-	1.89	-	.31	13,30	14	10	-	0	-	-	-	0	0	2	-	-	-
	Botwnnog ...	9 9	112	11.7	5.9	8.8	-	15.0	17	-0.6	9	8.6	10.4	2.91	-	.44	13	14	13	0	0	1	0	0	0	1	10	2	2.96	-
	Bryn Adda ...	9 9	275	11.3	5.9	8.6	-	15.6	9	1.1	11,30	-	-	4.43	-	.62	13	17	16	0	0	3	0	1	0	0	10	2	2.09	-
	Cwm Dyli ...	9 9	324	11.1	5.1	8.1	-	15.6	9	-3.3	11	8.7	-	12.11	-	2.29	13	19	18	-	-	-	-	-	0	3	10	-	-	-
	Aber	9 9	60	11.9	6.2	9.1	+0.6	15.6	24	-0.6	9	-	-	3.53	81	.40	12,30	17	14	1	0	2	0	1	0	1	7	0	1.50	119 S
	Llandudno ¶§	9 9	13																											
Merioneth	Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	750	11.1	4.7	7.9	-	15.6	9	-1.1	29	-	-	7.58	-	1.41	22	19	17	-	0	-	-	-	4	2	-	-	1.51	- S
	Corwen	9 9	473	10.2	2.4	6.3	-	13.9	13,17,19	-8.9	10	-	-	2.52	-	.41	13	17	12	0	0	0	0	0	-	13	13	0	-	- S
Montgomery	Ceinws	9 9	200	10.6	4.2	7.4	-	14.4	17	-6.1	10	-	-	9.63	-	2.73	13	18	18	-	-	-	-	-	0	6	10	-	-	-
	Lake Vyrnwy ...	9 9	995	8.6	3.4	6.0	-	12.8	17	-6.7	10	7.1	-	5.34	77	1.25	13	18	17	3	1	0	0	0	3	6	21	1	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	10.8	6.4	8.6	+0.5	13.5	13	-1.1	9	-	-	2.37	51	.46	13	16	13	0	0	4	0	0	0	1	9	2	2.41	-
	Aberystwyth ...	9 9	12	12.6	5.7	9.1	+0.8	14.4	7,8,9	0.0	7,9,11	-	-	1.90	-	.34	28	15	14	-	0	-	-	-	0	5	-	-	-	-
	" P.B.S.*	9 9	452	11.1	5.4	8.3	+0.7	14.4	9	-0.6	11,30	-	-	3.33	79	.61	13	17	15	1	0	1	0	0	4	2	8	0	2.37	124
	Gogerddan ...	9 9	103	11.2	4.8	8.0	-	13.9	13,18	-4.4	9	-	-	2.75	68	.57	28	18	15	0	0	1	0	0	2	7	13	0	2.05	- S
	Swyddffynnon ...	9 9	540	10.3	4.5	7.4	-	12.8	13,15,18	-2.8	11	-	-	4.83	-	.94	13	18	12	-	0	-	-	-	0	4	16	-	1.92	-
	Trawscoed ...	9 9	200	11.4	4.3	7.9	-	13.9	13,15,24	-4.4	9	7.7	-	3.79	76	.80	28	15	11	0	0	0	0	0	3	7	12	0	1.83	- S
	Llety-evan-hen ...	9 9	950	9.5	4.4	6.9	-	13.3	9	-6.1	10	-	-	5.17	-	1.06	13	20	16	1	0	3	0	0	8	3	10	0	1.99	121
	Cwmystwyth ...	9 9	989	9.4	4.3	6.9	-	12.2	13,16,17	-3.9	11	-	-	6.87	-	1.23	13	19	18	2	0	1	0	0	-	6	8	0	-	- S
Pembroke	Dale Fort ...	9 9	109	11.7	7.5	9.6	-	13.9	12	-3.3	10	9.5	-	1.71	-	.39	15	16	10	0	0	1	0	0	0	1	3	3	2.72	-
	Brawdy	9 9	360	11.0	6.0	8.5	-	12.8	9,13,17	0.0	9,10	-	-	3.11	-	.55	13	18	15	0	0	0	0	0	2	0	5	1	2.50	-
	Haverfordwest ...	9 9	131																											
Carmarthen	Carmarthen ...	9 9	50	11.5	3.5	7.5	-	13.9	13,17,18	-5.0	9,10	8.6	10.2	4.56	-	.90	16	19	14	0	0	0	0	0	0	9	12	1	2.84	-
Radnor	Llandrindod Wells ¶§	9 9	772	9.6	4.2	6.9	+0.9	13.3	17	-5.6	10	7.9	-	3.46	78	.69	15	17	15	2	0	0	0	0	2	5	-	0	1.28	88
Brecknock	Llwynon ...	9 9	860	9.9	3.9	6.9	-	12.8	9,13,17	-5.0	10	-	-	6.36	-	1.25	13	20	18	1	0	0	0	0	1	9	-	0	-	- S
Glamorgan	Mumbles Head ...	21-9	117	11.0	7.6	9.3	-	13.4	16	1.4	30	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	3	4	-	-
	Swansea ...	9 9	27	11.8	6.9	9.3	+0.7	13.9	13,15,18	-1.1	10	8.9	11.3	3.77	80	.91	13	19	14	0	0	1	0	0	0	1	-	0	2.26	116
	Port Talbot ...	9 9	24	12.1	7.3	9.7	-	14.4	12	-3.3	10	-	-	3.01	-	.74	13	17	13	0	0	1	0	1	0	1	3	-	2.49	-
	Neath	9 9	202	11.6	6.7	9.1	-	13.9	13,16,18	-0.6	10	-	-	4.20	-	1.04	13	18	14	0	0	0	0	0	1	1	8	0	-	-
	Rhoose	21-9	220	10.7	6.3	8.5	-	13.4	13	-1.2	30	-	-	2.93	77	.63	13	15	13	1	0	2	0	0	1	1	6	1	2.23	-
	Cardiff ... ¶§	9 9	202	11.3	5.2	8.3	+0.7	15.0	2	-0.6	9	9.7	11.3	3.53	80	1.08	13	17	13	0	-	0	0	0	6	2	12	-	2.12	109
Monmouth	Tredegar ...	9 9	1028																											
	Newport ...	9 9	75	11.1	5.8	8.5	+1.2	13.9	13,15,18	-0.6	29	-	-	3.55	86	1.13	13	16	9	0	0	0	0	0	0	5	9	0	1.90	-
	Usk	9 9	70	11.1	4.8	7.9	-	15.0	17,18	-1.7	8,9,30	8.3	-	2.21	53	.66	13	10	10	0	0	0	0	0	1	6	9	0	1.54	-
	Crumbland Plantation	9 9	804	9.7	4.7	7.2	-	13.3	18	-1.1	9	8.2	9.7	1.93	-	.54	13	13	10	0	0	1	0	0	6	4	8	0	1.84	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	9.1	4.9	7.0	-	12.2	13,15,17	-1.1	30	-	-	6.58	-	1.33	13	19	13	-	-	-	-	-	-	3	-	-	2.13	-
	Cannington ...	9 9	95	11.7	5.9	8.8	-	15.6	15,18	-1.1	30	9.7	-	2.08	65	.39	14	12	9	-	-	-	-	-	1	3	-	-	2.14	105
	Weston-s.-Mare	9 9	28	11.2	6.4	8.8	+0.7	13.3	12,18,25	0.6	9,30	-	-	2.64	80	.72	13	12	10	0	0	0	0	0	4	0	-	0	1.93	95
	Long Ashton ¶§	9 9	162	10.9	5.5	8.2	+0.9	13.9	13,18	-1.7	30	9.7	-	2.43	67	.60	13	14	10	1	0	1	0	1	2	2	13	0	1.81	100
	Wincanton ...	9 9	375	10.9	4.8	7.9	-	15.0	18	-3.3	30	-	-	2.97	-	.61	16	13	11	1	0	0	0	0	4	3	16	0	-	-
	Bath City Boys' School	9 9	388	10.6	5.4	8.0	-	13.9	13,17,18	-1.7	30	9.6	-	2.06	-	.45	16	12	10	0	0	0	0	0	3	1	-	0	1.35	-
Dorset	Lyme Regis ...	9 9	200	11.9	5.7	8.8	-	15.0	15,17,21	-1.7	29	-	-	2.52	-	.83	13	12	9	0	0	0	0	0	0	3	4	2	2.35	-
	Portland Bill ...	21-9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Weymouth ...	9 9	16	11.7	7.0	9.3	+0.4	14.4	18	0.0	29	-	-	2.54	68	.73	13	12	11	0	0	0	0	0	0	0	-	0	2.11	86
	Winfrith ...	9 9	85	11.6	5.2	8.4	-	14.4	17,19,25	-3.9	9	-	-	3.12	-	.97	13	12	11	-	0	-	-	-	1	4	6	-	-	-
	Shaftesbury ...	9 9	680	10.1	4.6	7.5	+0.8	13.3	13,16,18	-5.6	30	-	-	2.79	75	.55	13	12	10	-	0	-	-	-	1	3	-	-	-	-
	Swanage ...	9 9	37	12.2	6.7	9.5	-	16.1	25	-1.7	30	-	11.8	2.78	-	.97	13	13	9	0	-	0	0	0	0	2	4	4	2.14	96
	Poole	9 9	18	11.6	5.2	8.4	-	15.0	25	-2.8	29	-	-	2.38	-	.54	13	11	9	0	0	0	0	0	2	3	-	0	2.02	88

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1964

District, County and Place		Max. Terminal Hours of Observation Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	† Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b ENGLAND, S.W.—cont.																														
Devon	Clawton	9 9	412	11.6	2.7	7.1	-	15.0	1	-4.4	30	-	-	4.30	-	.75	13	17	12	-	-	-	-	-	-	9	-	-	-	-
	Hartland Point ...	21-9	298	10.9	7.7	9.3	-	13.2	16	1.2	10	-	-	3.05	-	.38	13	17	14	0	0	3	0	0	1	0	1	8	2.57	129
	Mount Batten ...	21-9	87	11.4	7.5	9.5	+0.5	14.8	16	0.5	9	-	-	3.45	77	1.19	13	14	9	0	0	0	0	0	1	0	6	3	2.04	92
	Plymouth, The Hoe	9 9	119	11.7	7.3	9.5	+0.7	14.4	14,16,21	0.6	9	9.9	11.6	2.96	66	.97	13	15	9	0	0	0	0	0	2	0	7	3	2.04	91
	Tavistock ...	9 9	457																											
	Chivenor ...	21-9	20	12.0	6.5	9.3	-	14.4	13	-4.3	9	-	-	2.47	-	.57	17	14	11	0	0	1	2	1	0	4	4	1	2.43	-
	Ilfracombe ...	9 9	25	11.8	8.0	9.9	+0.5	14.4	13	0.6	9	9.8	11.7	3.88	90	.72	15	16	13	0	0	0	0	0	0	0	4	0	2.19	116
	Totnes	9 9	120	11.8	5.7	8.7	-	15.6	21	-1.1	9,30	10.2	11.7	4.04	70	1.37	13	13	11	0	0	0	0	0	0	3	8	2	1.33	-
	Slapton	9 9	104	11.9	7.2	9.5	-	15.6	21	0.6	29,30	-	-	3.92	-	1.11	13	15	11	-	0	-	-	-	0	0	-	-	-	-
	Newton Abbot ...	9 9	272	11.3	5.9	8.6	+0.6	15.6	21	0.0	29,30	-	-	2.50	52	.79	13	11	10	0	0	0	0	0	0	2	6	0	1.97	87
	Paignton ...	9 9	8	11.9	-	-	-	15.0	16,21,25	-	-	-	-	2.34	50	.87	13	12	9	0	0	0	0	0	0	-	-	0	1.55	69
	Torquay ...	9 9	26	12.2	7.3	9.7	+0.9	16.1	21,25	0.6	29,30	-	11.8	2.35	55	.80	13	10	9	0	0	0	0	0	0	0	3		1.55	65
	Teignmouth ¶§	9 9	20	11.9	7.4	9.7	+0.8	15.0	16,17,21	1.1	29	-	-	1.55	40	.35	13	12	9	0	-	0	0	0	0	0	1	1	1.90	81
	Starcross ...	9 9	29	11.9	6.1	9.0	-	15.6	17,25	-1.1	29	9.2	-	1.88	48	.40	11	12	9	0	0	0	0	0	-	1	4	0	2.00	-
	Exeter, Southam	9 9	160																											
	Exmouth ...	9 9	195	11.6	6.2	8.9	+0.9	15.6	17	0.0	9	-	-	1.60	43	.36	11	9	8	0	-	1	0	0	0	0	-	0	2.10	89
	Exeter	21-9	106	11.7	5.9	8.8	-	15.5	19	-0.8	30	-	-	1.49	38	.32	28	12	8	0	0	0	0	0	1	3	11	1	2.05	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	12.1	9.4	10.7	+0.4	15.0	2,11	5.4	28	-	-	1.85	51	.39	12	14	10	0	0	0	0	0	2	0	-	4	1.78	70 S
	Penzance ...	9 9	62	12.3	7.8	10.1	+0.4	14.4	15,16,19	1.1	10	-	-	3.25	66	.62	13	18	13	0	0	2	0	0	1	0	6	2	1.67	67
	Gulval	9 9	50	12.2	7.6	9.9	+0.4	14.4	16,19	2.2	30	-	-	3.15	67	.63	13	19	11	-	0	-	-	-	1	0	2	-	1,53	65
	Culdrose ...	9 9	268	11.5	6.8	9.1	-	13.9	13,16	0.6	30	-	-	2.37	-	.59	13	17	10	0	0	0	2	0	3	0	-	2	1.90	-
	Rosewarne ...	9 9	250	11.6	7.3	9.5	-	14.4	16	1.1	9	9.5	10.9	2.66	59	.69	13	18	12	-	0	-	-	-	0	0	6	-	2.02	-
	Lizard	9 9	240	11.7	7.8	9.7	0.0	13.8	2,16	2.0	29	-	-	2.26	58	.49	13	19	10	0	-	0	0	0	-	0	-	5	1.72	-
	Falmouth ¶§	9 9	167	11.9	6.9	9.4	+0.1	15.0	19,27	0.0	30	-	-	3.84	74	1.08	13	14	9	0	0	0	0	0	0	0	4	0	1.28	54
	Newquay ...	9 9	176	11.8	7.1	9.5	+0.5	13.9	13,16,18	-1.1	9	-	-	2.70	69	.85	13	15	10	0	-	1	0	0	-	1	-	0	2.34	100
	St. Mawgan ...	21-9	337	11.3	6.8	9.1	-	13.9	16	0.0	9	-	-	2.78	-	.93	13	18	10	0	0	2	1	0	1	0	4	2	2.25	-
	St. Austell ...	9 9	310	11.7	7.1	9.4	-	15.0	22	1.1	30	-	-	3.38	60	.95	13	17	11	0	0	0	0	0	0	0	-	1	-	-
	Fowey	9 9	51	12.2	7.2	9.7	+0.5	15.0	15,16,22	-1.1	9	-	-	3.00	-	.97	13	16	9	0	0	1	0	0	0	1	-	0	-	-
	Bude	9 9	50	11.9	6.3	9.1	+0.3	15.0	1	-1.7	30	7.8	-	2.95	75	.53	13	16	12	-	0	-	-	-	-	1	-	-	2.45	110
	Ellbridge ...	9 9	190	11.5	5.6	8.5	+0.4	14.4	13,15	-2.8	9	-	-	3.56	74	.96	13	20	12	0	0	4	0	0	1	2	12	1	2.02	88
9 NORTHERN IRELAND																														
Londonderry	Loughermore Forest	9 9	570	9.8	2.9	6.3	-	12.8	18	-3.9	10	-	-	4.28	-	.64	28	20	17	2	1	0	0	0	0	5	12	0	-	-
	Ballykelly ¶§	21-9	6	10.9	4.5	7.7	+0.6	14.5	18	-3.6	10	-	-	4.06	110	.57	28	17	17	2	0	3	0	2	2	3	12	0	2.51	124
	Derrynoyd Forest	9 9	290	9.9	3.1	6.5	-	13.3	1,19	-1.7	10	-	-	4.18	-	.55	28	20	17	3	0	0	0	0	6	5	16	0	-	-
	Somerset Forest	9 9	140	10.2	3.7	6.9	-	13.3	13,18,24	-2.2	7,10	-	-	4.19	-	.47	15	19	18	1	0	2	0	0	2	2	13	0	-	-
	Garvagh Forest	9 9	290	10.1	3.3	6.7	-	13.3	13,18,24	-2.2	10	-	-	4.35	-	.50	27,28	20	17	2	1	0	0	0	5	4	14	0	-	-
	Moneydig ¶	21-9	112	10.0	3.7	6.9	+0.5	14.0	24	-2.8	10	8.4	-	3.53	84	.59	28	18	17	3	0	2	1	0	4	5	13	0	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	3.93	-	.49	28	19	14	-	-	-	-	-	-	-	-	-	2.35	-
	Lisnafillan ...	9 9	124	10.3	2.7	6.5	-	13.9	23,24	-2.8	7	-	-	3.20	-	.44	28	19	16	2	0	0	0	0	8	7	12	0	2.34	-
	Aldergrove ¶§	21-9	225	9.9	3.8	6.9	+0.3	13.4	18,24	-2.4	10	7.8	10.2	2.37	-	.35	28	18	14	3	0	1	0	0	2	6	9	0	2.55	144
	Greenmount ...	9 9	105	10.3	3.5	6.9	-	13.9	18	-2.2	7,9,10	8.0	-	2.30	-	.32	28	21	14	2	0	0	0	0	-	8	13	-	-	-
	Black Mountain	21-9	959	8.3	3.9	6.1	-	13.1	18	-1.2	30	-	-	3.01	-	.42	28	19	16	3	2	0	0	0	9	3	-	1	-	-
	Ballypatrick Forest	9 9	500	9.8	3.9	6.9	-	12.8	13,18,24	-0.6	28,30	-	-	4.76	-	.71	30	18	17	2	1	3	0	1	0	3	11	0	-	-
	Larne	9 9	140	10.9	4.3	7.6	-	13.9	24	-0.6	10,28	-	-	3.01	-	.52	28	17	16	2	1	0	0	0	1	2	-	1	-	-
	Kilroot	9 9	71	11.1	4.8	7.9	-	13.9	13,24	-0.6	10	-	-	2.29	-	.43	28	14	14	0	0	1	0	0	3	1	7	0	-	-
Down	Newry Abbey ...	9 9	32	10.4	3.9	7.1	-	14.4	13,24	-2.8	9,10	-	-	2.34	-	.38	28	16	13	0	0	0	0	0	6	8	-	0	-	-
	Hillsborough §	9 9	379	10.0	3.9	6.9	+0.5	13.3	13,18,24	-0.6	9,10,30	8.0	-	2.14	65	.42	28	15	11	2	1	0	0	0	2	3	13	0	2.63	137
	Kilkeel	21-9	58	10.8	6.0	8.4	-	13.5	24	0.6	28	-	-	2.27	-	.34	17	16	11	0	0	0	0	0	0	0	6	1	3.28	-
	Tollymore Park	9 9	249	10.7	4.9	7.8	-	13.9	13,23,24	0.0	28	-	-	2.50	-	.42	15,28	13	11	0	0	0	0	0	0	0	11	0	-	-
	Stormont Castle	9 9	185	10.7	4.4	7.5	-	13.9	24	-0.6	10	7.5	9.4	1.95	-	.35	28	17	11	2	0	0	0	0	7	3	12	0	2.64	-
	Crossgar ...	9 9	119	10.9	4.1	7.5	-	15.0	24	-2.8	10	-	-	1.80	-	.34	28	16	10	0	0	0	0	0	4	3	13	0	-	-
	Creighton's Green	9 9	391	10.2	4.6	7.4	-	13.3	24	0.6	28,29,30	-	-	1.92	-	.28	28	18	14	1	0	0	0	0	-	0	9	0	-	-
	Helen's Bay ...	9 9	140	10.6	5.3	7.9	-	13.9	13,24	0.6	10	-	-	1.87	-	.29	28	18	13	1	0	0	1	0	3	0	11	0	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	10.5	6.3	8.4	-	14.6	24	0.3	30	-	-	2.01	-	.34	15	12	11	0	0	0	0	0	0	0	3	2	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.79	-
Armagh	Armagh ¶§	9 9	202	10.3	3.4	6.9	+0.1	14.4	24	-4.4	9,10	7.7	9.9	2.35	81	.37	15	18	12	2	1	0	0	0	3	6	12	0	2.24	115
	Loughgall ...	9 9	92	10.4	2.8	6.6	-	14.4	18	-3.9	9,10	-	-	2.08	-	.28	15	17	12	2	0	0	0	0	5	12	16	0	2.33	-
	Glenanne ...	21-9	438	9.3	4.3	6.8	-	13.5	24	-4.5	10	-	-	2.72	-	.50	15	18	12	2	0	0	0	0	3	3	12	1	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	2.39	65	.37	28	19	13	-	-	-	-	-	-	-	-	-	2.47	122
Tyrone	Lough Bradan ...	9 9	554	9.3	1.3	5.3	-	12.8	18	-6.1	10	-	-	6.62	-	1.02	23	20	18	-	-	-	-	-	1	12	14	0	2.07	-
	Baronscourt Forest	9 9	290	10.3	3.2	6.7	-	12.8	13,18,24	-3.3	7	-	-	3.98	-	.54	12	19	18	1	0	0	0	0	3	4	14	0	-	-
	Carrigans ...	21-9	371	9.9	3.9	6.9	-	13.0	18,24	-3.6	7	-	-	4.39	-	.53	28	19	19	1	1	3	0	0	4	4	11	0	-	-
	Lislap Forest ...	9 9	685	9.7	2.1	5.9	-	12.2	17,18,19	-3.3	10	7.8	-	4.33	85	.75	28	18	18	2	2	0	0	0	0	8	15	0	-	-
	Knockmany Forest	9 9	239	10.1	2.9	6.5	-	13.9	18	-3.3	8	-	-	3.93	-	.48	28	18	14	1	0	1	0	0	6	10	15	0	-	-
	Pomeroy Forest	9 9	540	9.6	3.6	6.6	-	12.8	13,18	-2.2	10	7.9	-	3.54	-	.61	28	19	16	2	1	0	0	0	4	5	13	0	-	-
	Cookstown ...	9 9	253	10.0	3.3	6.7	-	13.3	13,21,24	-3.3	9,10	7.7	-	2.87	-	.29	17,28	20	16	-	-	-	-	-	-	4	13	-	-	-
Fermanagh	Roscor	9 9	470	9.8	3.8	6.8	-	12.8	13,17,24	-2.2	10	-	-	4.72	96	.52	15,26	18	17	1	-	2	-	-	1	4	14	0	-	-
	Lough Navar Forest	9 9	485	9.7	3.8	6.7	-	12.8	18,23,24	-1.1	10	-	-	5.59	-	.70	26	20	18	2	0	2	0	0	2	4	18	0	-	-
	Ely Lodge ...	21-9	210	10.1	4.8	7.5	-	14.3	18	-0.9	10	8.1	9.9	3.77	-	.46	27	22	16	0	0	0	1	0	5	2	10	0	1.91	-
	Castle Archdale Forest ¶§	9 9	215	10.2	3.6	6.9	-	13.9	18,24	-2.8	7,10	8.2	-	4.29	-	.50	26	20	17	0	0	2	0	0	4	6	12	0	2.08	106
	Pubble Forest ...	9 9	290	10.1	3.1	6.6	-	13.3	13,18	-3.9	8	-	-	3.63	-	.48	15	18	15	1	0	0	0	0	4	8	12	0	-	-
CHANNEL ISLES																														
Guernsey	States Airport ...	21-9	340	11.2	7.7	9.5	-0.1	13.9	16	3.5	30	10.2	11.9	4.03	91	1.09	3	14	10	0	0	0	4	1	0	0	2	2	2.10	-
Alderney	States Airport ...	9 9	288	11.7	8.0	9.9	-	14.4	16,17	3.9	30	10.2	-	4.00	-	.90	13	17	10	0	0	1	0	1	0	0	-	1	1.97	-
Jersey	Jersey Airport ...	9 9	273	11.2	7.0	9.1	-	14.2	13	1.2	8	-	-	3.54	79	.71	14	13	12	0	-	5	0	1	1	0	12	3	1.93	-
	St. Helier ...	9 9	28	11.8	7.4	9.6	-0.5	14.4	15,16	0.0	29	-	-	3.16	77	.67	14	12	12	0	-	0	0	0	0	0	-	0	2.00	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.93	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. S *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12) Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																					
0 SCOTLAND, N.																																													
Zetland — Lerwick Observatory H	3	273	1008.7	-	5.8	0.7	8.4	89	5.9	1	6	4	4	15	0	0	0	0	0	0	0	4	13	8	5	2	5	13	8	2	1	0	0	0	2	9	10	6
	9	273	1009.0	+2.5	6.0	0.8	8.4	88	5.7	0	5	6	12	7	0	0	0	0	0	1	2	12	12	3	0	7	7	16	0	2	0	0	0	4	6	14	4
	15	273	1008.1	-	6.5	0.8	8.6	88	6.0	0	4	5	13	8	0	0	0	0	0	0	2	10	12	6	1	6	10	13	0	2	0	0	2	4	6	10	6
	21	273	1008.2	-	6.0	0.8	8.3	87	5.2	2	6	4	9	9	0	0	0	0	0	0	7	11	11	1	1	3	15	10	1	6	0	1	0	3	6	10	3
Orkney — Kirkwall ... H	3	86	1011.1	-	6.1	0.7	8.5	89	5.3	3	5	2	11	9	0	0	0	0	0	0	0	12	15	3	0	3	11	14	2	1	0	0	0	6	7	10	4
	9	86	1011.0	-	6.3	0.8	8.6	88	6.0	0	4	5	13	8	0	0	0	0	0	0	2	6	18	4	0	6	11	12	1	2	0	0	0	9	3	12	3
	15	86	1009.3	-	7.4	1.1	8.7	83	6.1	0	3	4	14	9	0	0	0	0	0	0	1	10	12	7	0	5	12	13	0	3	0	0	2	6	5	11	3
	21	86	1010.1	-	6.4	0.9	8.4	87	5.2	2	5	5	10	8	0	0	0	0	0	0	1	13	12	4	1	4	12	12	1	1	0	2	1	5	4	13	3
Caithness — Wick ... H	3	121	1011.6	-	5.6	0.8	8.1	87	4.5	2	10	3	9	6	0	0	0	0	0	0	1	10	11	8	0	1	10	17	2	0	1	0	1	5	9	8	4
	9	121	1011.5	+4.1	6.3	1.0	8.3	86	5.6	0	5	4	17	4	0	0	0	0	0	0	2	11	11	6	0	4	7	18	1	3	0	0	0	10	7	7	2
	15	121	1010.3	-	7.3	1.1	8.7	84	6.1	0	3	6	14	7	0	0	0	0	0	0	4	12	11	3	0	1	15	14	0	2	1	0	1	6	10	8	2
	21	121	1010.7	-	5.9	1.0	7.9	85	4.8	0	9	6	10	5	0	0	0	0	0	0	2	9	17	2	0	4	10	16	0	0	2	0	1	7	10	7	3
Sutherland — Cape Wrath ... H	3	371	1010.3	-	7.5	1.3	8.7	82	6.1	1	3	4	9	11	2	0	2	0	0	0	1	3	5	19	2	9	10	7	2	1	2	0	0	5	11	4	5
	9	371	1009.8	-	7.7	1.3	8.7	81	7.0	0	0	3	15	11	1	0	1	0	0	0	1	3	5	20	1	7	11	10	1	1	1	1	1	5	8	7	5
	15	371	1009.0	-	8.0	1.1	9.1	84	7.1	0	0	2	13	14	1	0	0	0	0	1	0	4	2	4	19	2	13	5	9	1	1	3	0	2	4	8	7	4
	21	371	1009.1	-	7.9	1.3	8.8	82	5.9	1	2	7	9	11	0	0	0	0	0	0	1	3	6	20	5	9	8	6	2	1	2	1	0	4	10	7	3
Ross & Cromarty — Stornoway H	3	16	1012.4	-	6.8	0.7	9.1	91	5.4	3	4	3	12	8	0	0	0	0	0	0	4	14	10	2	0	4	13	11	2	2	1	0	0	11	4	8	2
	9	16	1012.0	+4.9	7.2	0.7	9.2	90	5.9	0	6	1	16	7	0	0	0	0	0	0	4	13	11	2	1	1	13	15	0	3	0	0	2	10	8	4	3
	15	16	1011.0	-	8.1	1.0	9.5	87	6.3	0	1	6	18	5	0	0	0	0	0	0	6	8	12	4	1	6	10	13	0	4	1	0	1	7	7	7	3
	21	16	1011.6	-	6.5	0.7	8.9	89	4.5	5	3	8	6	8	0	0	0	0	0	0	3	12	12	3	0	5	8	13	4	1	1	0	0	8	9	5	2
Inverness — Benbecula H	3	21	1012.8	-	7.9	1.0	9.4	86	6.1	1	3	4	10	12	0	0	0	0	0	1	6	7	11	5	0	5	12	13	0	3	1	0	1	8	8	6	3
	9	21	1012.4	-	8.0	1.0	9.4	87	6.1	0	3	3	18	6	0	0	0	0	0	1	6	9	9	5	0	5	13	9	3	3	0	0	1	9	8	4	2
	15	21	1011.8	-	8.9	1.3	9.6	83	5.9	0	2	8	16	4	0	0	0	0	0	1	4	9	12	4	2	6	13	8	1	3	1	0	1	7	2	13	2
	21	21	1012.4	-	7.9	1.2	9.0	84	5.6	2	4	4	11	9	0	0	0	0	1	0	1	2	10	13	3	2	4	14	8	2	4	1	0	2	6	6	8	1
1 SCOTLAND, E.																																													
Moray — Kinloss ... H	3	19	1013.2	-	5.5	1.1	7.7	83	4.5	4	6	6	7	7	0	0	0	0	0	0	4	6	13	7	0	2	8	19	1	1	1	0	0	5	15	6	1
	9	19	1013.1	-	5.9	1.1	8.0	84	5.9	1	4	2	19	4	0	0	0	0	0	0	1	8	11	10	0	5	5	20	0	1	0	1	1	2	18	6	1
	15	19	1011.9	-	8.1	1.6	8.6	79	6.0	0	4	5	16	5	0	0	0	0	0	1	3	10	9	7	0	3	15	12	0	2	1	0	0	3	11	9	4
	21	19	1012.5	-	5.8	1.2	7.8	83	5.0	4	5	5	6	10	0	0	0	0	0	0	4	6	14	6	0	3	10	17	0	1	1	1	0	2	19	4	2
Aberdeen — Dyce ... H	3	193	1013.4	-	4.6	1.1	7.3	84	3.9	7	8	1	7	7	0	0	1	0	1	1	0	6	5	8	8	0	0	5	15	10	2	1	0	0	5	4	6	2
	9	193	1013.7	+4.9	4.5	1.1	7.1	83	5.1	1	6	5	14	4	0	0	0	0	0	1	2	5	7	7	8	0	0	10	12	8	2	0	0	0	4	5	7	4
	15	193	1012.3	-	7.6	1.7	8.0	76	5.2	1	7	3	11	8	0	0	0	0	0	1	3	5	6	9	6	0	1	12	13	4	1	0	0	1	5	7	8	4
	21	193	1012.8	-	4.8	1.1	7.2	83	4.3	7	5	3	6	9	0	0	0	0	0	0	4	8	4	9	5	0	0	8	13	9	1	0	0	0	3	5	6	6
Rattray Head ...	3	108	1012.8	-	5.9	1.3	7.6	81	4.0	3	8	8	10	1	0	0	0	0	0	0	0	4	26	0	0	0	3	14	12	1	3	1	0	0	9	7	7	2
	9	108	1012.9	-	5.7	1.3	7.5	81	4.6	2	3	11	12	2	0	0	0	0	0	0	2	23	5	0	0	3	13	13	1	3	0	0	0	12	4	9	1
	15	108	1011.8	-	7.7	1.6	8.3	78	5.1	1	1	12	15	1	0	0	0	0	0	0	3	18	9	0	0	6	12	11	1	3	0	0	0	13	3	9	1
	21	108	1012.0	-	5.9	1.3	7.6	81	4.5	1	8	7	11	3	0	0	0	0	0	0	4	25	1	0	0	2	15	13	0	3	2	0	0	13	3	8	1
Fife — Leuchars ... H	3	38	1014.0	-	5.0	0.7	8.0	89	4.9	6	3	4	8	9	0	0	1	0	1	2	1	4	9	11	1	0	2	8	17	3	2	1	0	0	0	6	16	2
	9	38	1014.6	+5.1	4.9	0.8	7.8	88	5.2	0	9	3	14	4	0	0	0	0	1	4	0	2	6	10	7	0	1	9	17	3	3	0	0	0	1	10	11	2
	15	38	1013.3	-	8.1	1.5	8.8	81	5.7	0	6	3	15	6	0	0	0	0	2	0	1	3	7	12	5	0	4	12	11	3	4	1	0	1	1	7	11	2
	21	38	1013.6	-	5.0	0.8	7.9	88	4.4	5	7	4	4	10	0	0	0	0	1	2	2	6	6	12	1	0	2	9	16	3	3	1	0	0	0	4	16	3
Midlothian — Turnhouse H	3	144	1015.2	-	4.7	0.7	8.0	89	4.8	4	5	4	9	7	1	1	0	0	2	2	2	7	10	4	2	0	2	11	8	9	4	0	0	0	0	9	7	1
	9	144	1015.7	-	5.4	0.9	8.1	86	5.5	1	4	6	12	7	0	0	0	2	1	0	2	8	12	4	1	0	1	12	10	7	2	1	1	0	2	12	5	0
	15	144	1014.4	-	7.9	1.3	8.9	83	6.6	0	1	3	17	7	2	2	0	0	0	2	2	8	14	2	0	0	4	11	12	3	2	2	0	0	3	12	7	1
	21	144	1014.8	-	5.5	0.8	8.3	88	4.7	4	4	6	9	6	1	1	1	0	1	1	2	11	13	0	0	0	3	10	11	6	1	1	0	0	0	14	7	1
6a SCOTLAND, W.																																													
Argyll — Tiree ... H	3	34	1014.0	-	8.5	1.1	9.6	85	5.7	1	4	6	7	12	0	0	0	0	0	1	0	7	9	7	6	0	9	14	5	2	2	3	1	2	8	4	7	1
	9	34	1013.8	+5.4	8.5	1.0	9.7	86	5.8	0	7	2	14	7	0	0	0	0	0	0	2	5	10	8	5	1	8	15	3	3	3	2	0	3	6	9	3	1
	15	34	1013.2	-	9.2	1.3	9.7	82	5.8	0	4	6	15	5	0	0	0	0	0	1	2	6	10	4	7	2	9	11	7	1	4	2	0	4	3	4	8	4
	21	34	1013.6	-	8.4	1.1	9.4	84	5.6	2	5	3	8	12	0	0	0	0	0	1	2	5	7	10	5	1	8	10	6	5	3	2	1	1	6	6	3	3
Rhuvaal ... H	3	63	-	-	8.6	1.1	9.7	86	5.7	0	6	6	6	12	0	0	0	0	0	0	3	2	11	14	2	4	14	10	0	4	0	2	2	12	2	6	2
	9	63	-	-	8.7	1.1	9.8	86	6.1	0	4	5	10	11	0	0	0	0	0	0	4	2	12	12	1	2	16	11	0	2	0	4	1	9	4	7	3
	15	63	-	-	9.4	1.4	9.7	81	6.1	0	2	9	12	7	0	0	0	0	0	0	2	5	12	11	0	5	16	9	0	4	1	1	3	5	3	7	6
	21	63	-	-	8.9	1.2	9.7	84	5.1	0	7	10	2	11	0	0	0	0	0	0	2	2	11	15	0	6	13	11	0	3	1	2	2	10	3	5	4
Renfrew — Renfrew ... H	3	29	1015.2	-	5.8	0.8	8.4	89	5.4	4	2	5	9	7	3	2	1	1	1	3	0	3	7	10	2	0	0	8	12	10	2	3	0	0	0	8	7	0
	9	29	1015.7	+5.6	6.2	0.9	8.5	87	6.6	1	1	1	16	8	3	1	4	0	0	3	1	11	6	3	1	0	1	10	11	8	2	1	1	0	3	8	7	0
	15	29	1014.5	-	8.1	1.3	9.1	82	6.6	0	1	4	15	8	2	2	0	0	1	1	4	18	3	1	0	0	3	10	10	7	1	1	2	0	2	8	9	0
	21	29	1014.8	-	6.3	0.9	8.6	88	5.1	3	5	5	7	8	2	2	0	0	1	4	4	9	6	4	0	0	3	8	10	9	1	1	0	1	0	12	5	1
Lanark — Lowther Hill H	3	-	-	-	3.1	0.1	7.7	99	6.9	0	3	3	0	5	19	4	15	0	0	0	0	3	5	1	2	3	4	18	5	0	1	3	3	0	4	5	13	1
	9	-	-	-	2.8	0.2	7.3	97	6.9	0	2	4	1	1	22	2	20	0	0	0	0	0	6	2	0	2	4	18	6	0	0	3	2	2	2	6	9	6
	15	-	-	-	3.8	0.5	7.5	93	7.1	0	1	3	5	3	18	4	13	1	0	0	0	1	8	2	1	3	7	16	4	0	2	2	1	2	4	3	11	5
	21	-	-	-	3.1	0.3	7.4	95	7.0	0	1	3	5	4	17	7	10	0	0	0	1	1	4	6	1	2	7	15	6	0	2	2	3	1	2	5	11	4
Ayr — Prestwick Airport H	3	69	1015.3	-	6.4	0.8	8.8	89	5.9	4	1	3	12	10	0	0	0	0	0	1	10	10	9	0	0	1	10	15	4	2	1	5	4	0	8	5	1	0
	9	69	1015.8	-	6.8	1.0	8.7	85	6.1	1	3	1	18	7	0	0	0	0	0	3	9	7	8	3	0	2	7	18	3	2	2	2	4	3	6	8	0	0
	15	69	1014.8	-	9.0	1.4	9.5	82	5.9	2	3	3	13	9	0	0	0	0	0	2	12	7	8	1	0	2	10	16	2	1	2	0	3	3	10	7	2	0
	21	69	1015.1	-	6.5	0.9	8.7	88	5.4	6	1	3	8	12	0	0	0	0	0	1	14	7	8	0	0	1	12	11	6	3	1	3	2	3	7	5	0	0
Dumfries — Eskdalemuir Observatory H	3	778	1016.4	-	4.1	0.5	7.8	91	5.7	5	1	4	5	14	1	0	1	1	0	2	3	13	5	4	1	0	0	6	16	8	0	4	0	0	2	8	5	3
	9	778	1016.9	+6.4	4.4	0.7	7.7	89	6.3	2	1	5	10	10	2	0	1	1	0	1	1	6	5	14	1	0	1	8	14	7	3	2	1	0	5	6	6	0
	15	778	1015.7	-	7.1	1.2	8.5	83	6.7	2	1	0	15	12	0	0	0	0	1	1	1	6	7	11	3	0	2	7	19	2	2	4	0	0	6	10	6	0
	21	778	1016.1	-	4.5	0.6	7.9	90	5.1	9	1	0	6	13	1	0	1	1	2	1	2	9	9	5	0	0	0	10	11	9	1	2	1	0	3	10	13	1
Wigtown — Mull of Galloway H	3	260	1016.5	-	8.6	0.7	10.1	90	4.6	7	3	5	5	9	1	0	0	1	0	0	2	3	10	13	1	3	5	14	8	0	3	1	3	3	3	8	9	0
	9	260	1016.9	-	8.2	0.7	9.8	89	5.8	1	2	8	8	10	1	0	1	0	0	1	0	3	4	20	1	2	5	14	8	1	1	2	4	2	4	7	5	4
	15	260	1016.3	-	9.2	1.1	9.9	85	5.6	2	2	7	11	8	0	0	1	0	0	0	0	4	5	19	1	2	8	12	7	1	2	2	3	1	3	5	10	3
	21	260	1016.6	-	8.4	0.8	9.9	89	4.3	6	7	3	4	9	1	0	1	0	0	0	0	4	10	15	0	1	6	13	10	0	3	2	2	1	4	5	10	3
6b ISLE OF MAN																																													
Isle of Man — Ronaldsway H	3	68	1016.8	-	8.5	1.0	9.7	86	5.0	5	4	4	7	10	0	0	0	0	0	1	1	3	10	11	4	1	6	13	10	0	5	5	1	2	0	9	8	0
	9	68	1017.3	-	8.7	1.1	9.7	84	6.1	1	3	2	16	8	0	0	0	0	0	1	1	7	6	9	6	0	7	15	7	1	3	4	4	1	3	3	10	1
	15	68	1016.7	-	9.8	1.5	9.8	80	5.4	1	5	4	16	4	0	0	0	0	0	0	3	3	9	6	9	2	7	13	7	1	2	4	3	2	1	8	9	0
	21	68	1017.0	-	8.0	1.1	9.3	84	4.2	6	7	3	7	7	0	0	0	0	0	1	0	7	7	9	6	0	8	9	12	1	5	4	0	3	0	7	9	1
Point of Ayre H	3	30	1016.0	-	8.8	1.0	9.8	86	4.6	6	1	8	12	3	0	0	0	0	0	0	2	2	10	15	1	0	5	17	7	1	2	2	2	6	2	8	7	0
	9	30	1016.7	-	8.6	1.1	9.6	84	5.3	1	5	6	13	5	0	0	0	0	0	0	1	3	5	20	1	0	5	18	6	1	2	2	3	4	5	4	9	0
	15	30	1015.7	-	9.8	1.5	9.9	80	5.5	3	1	7	15	4	0	0	0	0	0	0	1	2	4	22	1	1	5	17	6	1	1	4	0	5	2	5	11	1
	21	30	1016.1	-	8.7	1.1	9.7	85	4.0	8	3	6	8	4	1	0	0	1	0	0	0	3	5	21	0	0	8	15	7	0	2	2	2	5	3	8	7	1
2 ENGLAND, N.E.																																													
Northumberland — Acklington H	3	151	1015.4	-	5.8	0.8	8.4	89	4.8	6	4	4	4	12	0	0	0	1	0	0	3	4	7	11	4	0	2	9	19	0	2	2	0	0	3	14	8	1
	9	151	1015.8	-	5.9	0.9	8.4	87	4.9	2	7	5	13	3	0	0	0	0	0	0	3	3	9	12	3	0	1	10	17	2	3	1	0	1	3	9	10	1
	15	151	1015.0	-	8.4	1.4	9.0	81	5.7	1	3	7	13	6	0	0	0	1	1	0	4	2	7	12	3	1	1	12	16	0	4	1	0	0	9	8	7	1
	21	151	1015.3	-	6.3	0.9	8.5	88	5.1	1	8	5	5	11	0	0	0	1	2	1	2	2	10	11	1	0	1	7	22	0	1	2	0	0	6	11	7	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
2 ENGLAND, N.E.—cont.																																												
Tynemouth H	3	130	1016.2	-	7.2	1.2	8.6	83	4.5	8	2	4	9	7	0	0	0	0	1	0	1	7	12	9	0	0	3	11	15	1	2	2	0	0	5	5	14	1
	9	130	1016.6	+6.0	6.9	1.1	8.5	83	5.3	1	3	11	7	8	0	0	0	0	0	7	3	8	10	2	0	0	1	15	14	0	2	1	0	1	3	4	18	1
	15	130	1015.7	-	8.9	1.7	8.9	77	5.5	2	1	10	10	6	1	0	0	0	2	3	5	7	10	3	0	0	3	17	9	1	3	2	0	2	6	2	14	0
	21	130	1016.2	-	7.5	1.2	8.8	84	4.3	10	2	3	4	11	0	0	1	0	0	3	5	9	9	3	0	0	1	12	16	1	2	1	0	6	5	14	0	1
Durham — Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding — Dishforth ... H	3	131	1017.2	-	6.2	0.7	8.6	89	5.3	5	4	2	6	10	3	0	4	0	2	2	5	3	3	8	3	0	1	7	15	7	4	0	0	2	6	5	4	2
	9	131	1017.5	-	6.2	0.8	8.6	89	6.4	0	3	3	14	9	1	0	1	1	0	5	4	3	5	7	4	0	2	6	19	3	5	1	2	2	2	4	9	2
	15	131	1016.8	-	8.8	1.5	9.2	80	5.9	1	5	1	15	7	1	1	0	1	1	0	4	5	3	11	4	0	2	8	15	5	2	3	0	2	3	5	9	1
	21	131	1017.2	-	6.5	0.8	8.7	88	5.8	2	6	0	8	12	2	0	2	0	3	1	3	7	8	5	1	0	0	9	19	2	4	1	1	1	5	5	8	3
Whitby Coastguard H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	210	1016.8	-	6.9	1.2	8.4	83	5.6	1	3	6	15	5	0	0	1	0	0	0	2	6	12	9	0	1	4	9	16	0	2	1	2	0	10	10	4	1
	15	210	1016.2	-	9.1	1.9	8.7	74	5.8	2	1	7	14	5	1	1	0	0	0	0	3	4	13	9	0	0	3	17	8	2	3	2	1	1	5	7	8	1
	21	210	1016.4	-	7.2	1.2	8.6	83	4.5	7	3	5	7	8	0	0	0	0	0	0	2	9	16	3	0	0	4	10	15	1	1	3	1	1	11	9	2	1
Yorks., E. Riding — Leconfield H	3	28	1017.6	-	6.0	0.9	8.3	87	4.2	9	4	4	2	10	1	1	2	2	1	0	4	6	7	4	3	0	0	11	14	5	1	2	0	1	2	9	6	4
	9	28	1017.8	-	6.8	0.9	8.8	87	5.8	0	3	7	14	5	1	0	3	0	0	4	4	5	9	2	3	0	1	10	14	5	1	2	0	0	3	8	8	3
	15	28	1017.2	-	9.0	1.5	9.3	80	5.6	0	5	7	9	9	0	0	0	1	0	2	2	13	6	3	3	0	1	11	16	2	3	1	3	2	3	5	10	1
	21	28	1017.6	-	6.6	0.9	8.7	87	4.2	10	3	1	8	7	1	0	2	2	0	3	2	11	6	1	3	0	1	10	15	4	3	1	0	0	4	7	10	1
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln — Waddington H	3	227	1018.3	-	5.7	0.6	8.5	91	4.9	6	4	3	8	7	2	1	3	1	3	1	2	5	11	3	0	0	1	10	19	0	1	5	1	0	2	12	6	3
	9	227	1018.5	-	6.2	0.6	8.8	91	5.8	2	3	3	13	7	2	2	1	0	4	4	3	8	6	2	0	0	2	7	20	1	3	4	2	1	3	11	4	1
	15	227	1017.9	-	8.5	1.2	9.4	84	5.8	1	3	6	12	6	2	1	1	0	3	4	1	8	9	2	1	0	1	10	19	0	6	1	3	3	1	6	8	2
	21	227	1018.4	-	6.3	0.8	8.7	90	4.2	7	4	6	4	7	2	2	1	1	1	7	3	9	5	1	0	0	1	7	22	0	5	3	2	0	2	12	5	1
Binbrook ... H	3	356	1017.8	-	5.6	0.5	8.5	91	4.8	6	5	2	5	10	2	0	2	1	3	1	5	7	4	6	1	0	0	12	13	5	3	3	0	1	4	10	4	0
	9	356	1018.1	-	6.1	0.6	8.8	92	5.8	3	3	3	10	10	1	0	3	0	1	5	4	11	4	2	0	0	1	16	8	5	1	3	1	1	4	8	6	1
	15	356	1017.4	-	8.1	1.1	9.2	84	5.5	1	2	10	12	5	0	0	0	0	1	4	4	8	11	2	0	0	2	13	14	1	3	4	3	2	2	6	9	0
	21	356	1017.9	-	6.1	0.7	8.6	89	4.3	9	3	3	6	8	1	0	1	1	2	1	6	13	5	1	0	0	3	15	12	0	4	2	2	1	5	8	7	1
Manby ... H	3	47	1018.0	-	5.7	0.5	8.6	92	4.6	7	4	3	8	7	1	1	3	0	1	2	2	12	9	0	0	0	0	9	17	4	2	3	0	2	2	10	6	1
	9	47	1018.1	-	6.6	0.6	9.2	92	6.0	1	4	3	10	10	2	0	1	1	1	2	6	12	6	1	0	0	1	11	15	3	3	4	1	0	2	7	8	2
	15	47	1017.5	-	8.9	1.1	9.9	86	5.6	1	3	6	14	6	0	0	1	0	1	3	3	10	10	2	0	0	0	13	16	1	4	3	3	0	4	4	10	1
	21	47	1018.0	-	6.4	0.6	8.9	91	4.3	10	2	1	8	8	1	0	2	1	2	2	3	14	6	0	0	0	1	10	15	4	3	1	3	0	3	7	7	2
3 ENGLAND, E.																																												
Norfolk — Marham H	3	89	1018.7	-	6.1	0.6	8.8	92	5.1	6	4	1	7	9	3	0	1	1	2	4	4	9	6	3	0	0	1	8	19	2	4	2	2	1	7	9	2	1
	9	89	1018.9	-	6.6	0.6	9.0	91	5.7	3	3	3	12	6	3	0	3	0	1	4	3	8	9	2	0	0	1	12	15	2	2	5	2	1	5	11	1	1
	15	89	1018.1	-	9.3	1.3	9.9	84	5.2	2	7	2	11	8	0	0	0	0	2	5	2	6	12	3	0	0	2	11	14	3	4	3	3	2	4	7	4	0
	21	89	1018.7	-	6.5	0.6	8.9	90	5.4	6	2	2	6	12	2	0	2	0	0	5	3	11	8	1	0	0	0	9	17	4	5	1	2	1	3	10	1	3
West Raynham H	3	263	1018.4	-	5.7	0.5	8.6	92	5.0	7	3	2	8	8	2	0	2	0	4	1	3	9	7	4	0	0	2	10	16	2	1	4	3	0	3	11	5	1
	9	263	1018.5	-	6.3	0.5	8.9	92	5.3	4	3	5	9	8	1	0	2	1	4	1	3	5	9	5	0	0	1	11	18	0	2	5	4	0	3	10	5	1
	15	263	1017.8	-	8.6	1.3	9.3	82	4.9	3	7	5	6	8	1	0	0	0	2	1	5	4	11	6	1	0	2	15	13	0	3	2	6	1	2	7	9	0
	21	263	1018.4	-	6.3	0.6	8.8	90	4.7	9	1	4	2	12	2	0	2	1	1	4	3	7	10	2	0	0	1	8	21	0	1	5	3	0	2	9	8	2
Coltishall ... H	3	57	1018.2	-	6.7	0.9	8.8	88	5.1	7	1	5	2	15	0	0	0	0	2	5	3	7	12	1	0	0	1	8	16	5	1	5	2	1	1	9	6	0
	9	57	1018.3	-	7.4	1.1	8.9	85	5.6	3	4	2	12	8	1	0	1	0	3	3	3	4	13	3	0	0	1	11	15	3	1	5	2	0	2	12	4	1
	15	57	1017.7	-	9.1	1.7	9.1	78	4.7	2	7	6	7	8	0	0	0	1	1	5	6	15	1	0	0	0	0	14	15	1	2	5	3	1	1	8	7	2
	21	57	1018.2	-	7.5	1.5	8.7	85	4.8	8	2	3	5	10	2	0	1	1	2	3	4	6	13	0	0	0	0	12	16	2	2	4	2	1	2	12	5	0
Gorleston H	3	26	1018.5	-	7.9	0.8	9.5	88	4.5	10	1	3	3	13	0	0	0	0	0	2	5	15	8	0	0	0	2	11	17	0	0	3	4	1	2	6	12	2
	9	26	1018.5	+5.8	8.1	1.1	9.4	86	5.3	3	4	4	10	9	0	0	0	0	0	4	3	15	8	0	0	0	2	10	18	0	1	3	4	0	2	9	8	3
	15	26	1017.9	-	9.6	1.5	9.7	80	5.3	3	3	6	9	8	1	0	1	0	0	1	3	14	11	0	0	0	2	15	13	0	3	3	5	2	1	5	11	0
	21	26	1018.2	-	8.4	1.1	9.5	85	4.3	10	4	0	6	9	1	0	1	0	0	1	3	12	13	0	0	0	0	13	17	0	2	2	5	0	3	10	8	0
Suffolk — Mildenhall H	3	39	1018.8	-	6.0	0.6	8.9	92	5.1	6	4	1	5	11	3	0	3	1	1	6	0	10	6	3	0	0	0	4	24	2	2	4	1	1	1	15	3	1
	9	39	1018.9	-	6.6	0.7	9.1	91	6.2	4	3	4	7	8	4	0	4	0	1	5	2	4	12	2	0	0	1	3	23	3	1	6	0	0	2	13	5	0
	15	39	1018.2	-	9.4	1.3	10.0	84	5.0	2	6	6	6	8	2	0	2	0	1	1	4	3	14	5	0	0	0	6	23	1	2	1	4	2	2	7	10	1
	21	39	1018.9	-	6.6	0.6	9.1	91	5.1	7	1	6	5	9	2	1	1	0	0	2	7	12	6	1	0	0	0	3	26	1	3	2	2	0	2	10	6	4
Wattisham H	3	299	1019.0	-	5.9	0.3	9.1	96	5.1	6	5	1	4	12	2	0	3	0	1	5	4	10	6	1	0	0	1	8	20	1	3	5	1	0	3	9	5	3
	9	299	1019.1	-	6.1	0.4	9.1	94	5.7	2	5	1	12	7	3	0	5	0	2	1	6	6	7	3	0	0	1	7	22	0	2	7	1	2	1	12	4	1
	15	299	1018.3	-	8.9	1.2	9.8	85	4.9	2	4	10	9	4	1	0	0	0	1	2	5	7	8	6	1	0	0	15	15	0	2	7	2	1	3	3	12	0
	21	299	1019.0	-	6.3	0.4	9.1	94	4.8	6	4	5	3	10	2	1	1	0	2	1	4	14	7	0	0	0	0	8	20	2	1	5	1	0	2	10	4	5
Aldeburgh H	3	35	1020.0	-	7.4	0.8	9.3	88	4.4	12	1	0	3	12	2	1	0	0	2	0	5	12	10	0	0	0	2	4	24	0	2	2	5	0	1	8	10	2
	9	35	1019.6	-	7.8	1.0	9.5	88	5.3	5	2	3	9	11	0	0	1	0	0	1	6	13	9	0	0	0	2	6	22	0	3	5	3	1	3	7	7	1
	15	35	1018.9	-	9.5	1.3	10.0	83	5.0	3	3	8	8	7	1	0	0	1	0	0	3	13	13	0	0	0	0	9	21	0	3	5	4	0	1	8	9	0
	21	35	1019.1	-	8.0	0.9	9.5	87	3.7	11	5	2	3	9	0	0	0	0	0	0	4	14	12	0	0	0	0	10	20	0	2	2	5	0	3	8	7	3
Huntingdon — Wyton ... H	3	141	1018.8	-	6.0	0.6	8.7	91	5.4	5	3	3	5	11	3	0	4	2	3	1	2	8	8	2	0	0	1	9	18	2	5	3	0	1	2	12	5	0
	9	141	1019.0	-	6.5	0.7	8.9	90	6.4	1	2	3	11	7	6	0	4	2	1	2	4	8	8	0	1	0	1	10	17	2	4	4	1	0	4	10	4	1
	15	141	1018.3	-	9.4	1.4	9.8	81	5.8	1	5	2	14	5	3	0	3	1	0	0	4	7	12	2	1	0	0	12	16	2	5	1	3	1	2	5	11	0
	21	141	1018.9	-	6.6	0.7	9.0	90	4.3	9	3	3	6	7	2	1	2	0	2	2	6	10	5	2	0	0	0	10	19	1	1	5	1	1	1	13	4	3
Bedford — Cardington H	3	96	1019.1	-	6.3	0.6	8.9	91	6.1	4	2	1	8	10	5	0	5	0	1	2	2	12	8	0	0	0	1	10	17	2	3	4	0	0	2	13	6	0
	9	96	1019.3	-	6.7	0.6	9.2	92	5.9	2	4	3	6	11	4	0	4	1	1	4	0	12	8	0	0	0	1	9	18	2	2	7	0	1	2	10	6	0
	15	96	1018.5	-	9.8	1.5	9.9	81	5.8	1	2	7	14	3	3	0	2	1	0	0	1	9	13	4	0	0	0	16	12	2	3	5	1	0	2	11	6	0
	21	96	1019.2	-	6.5	0.6	9.0	91	4.8	8	2	2	7	8	3	0	4	1	0	1	4	11	8	1	0	0	0	9	18	3	3	5	1	0	1	14	2	1
Hertford — Bovingdon H	3	517	1019.7	-	6.4	0.6	8.9	90	6.0	5	1	2	4	13	5	0	5	1	2	1	1	11	8	1	0	0	0	6	22	2	6	4	0	0	7	5	5	1
	9	517	1019.7	-	6.7	0.7	9.0	90	5.8	2	4	2	11	9	2	1	2	0	3	2	4	7	5	6	0	0	0	4	22	4	1	7	1	0	2	5	9	1
	15	517	1019.0	-	9.0	1.5	9.2	79	5.4	1	6	4	10	9	0	0	1	0	0	2	1	10	11	2	3	0	0	10	18	2	3	5	1	0	3	5	9	2
	21	517	1019.9	-	6.7	0.8	8.9	89	5.2	6	4	1	4	13	2	0	2	0	1	1	5	12	8	1	0	0	0	4	22	4	1	6	1	1	2	6	7	2
Essex — Stansted H	3	334	1019.3	-	5.7	0.5	8.7	93	5.0	8	1	4	5	10	2	0	4	2	2	3	3	8	7	1	0	0	0	7	19	4	4	2	1	0	2	10	5	2
	9	334	1019.4	-	6.5	0.6	9.1	91	5.8	1	6	0	14	7	2	0	3	0	4	2	4	8	5	3	1	0	1	6	20	3	4	3	1	0	4	9	5	1
	15	334	1018.5	-	9.2	1.5	9.5	81	5.2	3	4	7	7	8	1	1	0	1	1	0	3	7	6	8	3	0	0	12	17	1	2	5	1	0	1	5	13	2
	21	334	1019.3	-	6.5	0.7	9.0	90	4.7	8	3	3	5	9	2	0	2	0	0	2	9	10	6	1	0	0	0	5	24	1	3	5	0	1	0	11	6	3
Shoeburyness H	9	17	1019.3	+5.6	8.1	0.9	9.7	88	5.4	2	4	3	9	10	2	0	1	2	2	3	7	6	9	0	0	0	2	10	17	1	2	1	4	1	2	7	8	4
	15	17	1018.6	-	9.9	1.6	9.8	79	5.4	1	8	2	9	9	1	1	0	0	1	2	5	14	7	0	0	0	1	15	13	1	2	7	1	0	2	6	11	0
	21	17	1019.2	-	8.0	0.8	9.6	88	4.4	9	2	5	4	9	1	0	1	1	0	2	6	14	5	1	0	0	0	13	17	0	2	4	2	0	2	6	12	2
Walton-on-Naze ... H	3	21	1019.1	-	7.5	0.6	9.6	91	4.9	8	2	2	6	10	2	1	1	0	0	4	7	12	5	0	0	0	3	9	17	1	2	0	7	0	0	3	14	3
	9	21	1019.1	-	7.9	0.8	9.6	88	5.3	4	3	6	6	10	1	0	1	0	4	2	4	13	6	0	0	0	3	8	18	1	2	1	6	1	1	6	8	4
	15	21	1018.8	-	9.6	1.4	9.9	81	5.7	2	2	9	9	7	1	0	0	0	3	3	3	15	5	1	0	0	1	15	12	2	1	3	6	1	0	5	8	4
	21	21	1018.9	-	8.1	0.9	9.7	88	4.6	9	1	4	3	13	0	0	1	0	2	2	4	14	6	1	0	0	1	11	18	0	0	1	6	0	2	4	12	5
4 MIDLAND COUNTIES																																												
Yorks, W.R. — Huddersfield Oakes H	3	769	1017.7	-	5.1	0.6	8.1	91	5.7	2	1	10	3	13	1	0	1	3	5	2	2	14	0	3	0	2	0	9	12	7	2	1	2	1	0	5	11	1
	9	769	1017.7	-	5.8	0.5	8.7	93	6.6	0	0	7	9	13	1	1	2	0	2	6	3	13	3	0	0	0	1	8	20	1	3	3	0	3	3	4	12	1
	15	769	1016.9	-	7.3	1.2	8.5	83	5.8	1	2	7	11	8	1	1	1	0	0	2	4	13	6	3	0	0	0	10	14	6	2	2	1	0	3	5	10	1
	21	769	1017.5	-	6.0	0.8	8.4	88	5.8	4	0	7	4	15	0	0	0	1	0	3	3	7	12	4	0	0	0	14	11	5	1	3	0	0	3	7	9	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12) Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1018.2	-	6.0	0.5	8.8	92	6.1	3	2	3	6	13	3	1	2	1	2	3	5	10	5	1	0	0	1	7	18	4	3	2	3	0	2	7	8	1
	9	390	1018.5	-	6.4	0.4	9.1	93	6.0	2	1	8	4	13	2	0	3	2	3	6	6	7	2	1	0	0	0	6	23	1	2	6	3	0	1	3	14	0
	15	390	1017.7	-	8.6	1.2	9.5	83	5.6	1	3	7	14	4	1	0	1	0	2	2	9	8	6	2	0	0	0	9	18	3	1	6	3	0	1	3	12	1
	21	390	1018.4	-	6.2	0.5	8.9	92	4.5	7	1	9	5	8	0	0	3	0	4	6	6	8	3	0	0	0	0	6	21	3	4	4	1	0	1	7	8	2
Finningley H	3	46	1017.9	-	6.1	0.9	8.4	88	5.1	6	3	2	8	8	3	1	4	0	3	2	5	3	7	5	0	0	1	9	16	4	6	0	1	2	4	7	5	1
	9	46	1018.1	-	6.6	0.8	8.8	89	5.8	2	4	3	9	10	2	0	2	2	3	4	5	4	10	0	0	0	2	11	13	4	4	2	1	0	5	6	5	3
	15	46	1016.8	-	9.2	1.7	9.3	79	5.6	1	5	4	12	7	1	1	0	1	1	1	3	11	11	1	0	0	2	11	14	3	5	2	2	1	1	5	8	3
	21	46	1017.9	-	6.7	0.9	8.7	88	4.7	7	4	2	6	9	2	2	0	1	1	4	6	15	1	0	0	0	0	10	17	3	4	1	1	0	5	8	7	1
Northampton Wittering H	3	219	1018.6	-	5.9	0.6	8.5	90	5.2	5	3	4	9	8	1	0	1	1	4	3	2	7	6	6	0	0	1	11	15	3	4	3	1	1	3	9	6	0
	9	219	1018.8	-	6.8	0.8	9.0	90	6.4	1	2	3	12	9	3	0	3	2	0	5	2	5	7	5	1	1	0	10	16	3	4	3	2	0	2	9	6	1
	15	219	1018.1	-	9.4	1.5	9.7	81	5.5	1	5	3	15	5	1	0	1	0	1	3	1	5	14	4	1	0	1	14	14	1	6	3	2	0	2	6	10	0
	21	219	1018.8	-	6.3	0.8	8.7	89	4.6	6	4	4	7	7	2	0	2	0	2	0	6	12	4	4	0	0	1	8	20	1	4	2	1	2	3	7	6	4
Warwick Edgbaston H	9	542	1019.1	-	6.9	0.8	9.0	90	6.4	1	2	4	8	13	2	1	0	0	3	4	8	3	8	3	0	0	0	7	23	0	1	5	4	0	3	7	9	1
	15	542	1018.5	-	9.2	1.4	9.3	79	5.8	0	3	7	13	7	0	0	0	1	0	5	4	12	8	0	0	0	0	9	21	0	2	5	4	1	1	6	8	3
	21	542	1019.0	-	7.3	0.9	9.1	87	5.2	6	2	3	8	10	1	1	1	0	1	5	6	5	8	3	0	0	0	7	23	0	3	6	1	3	1	8	7	1
	3	362	1018.8	-	6.3	0.8	8.6	88	6.6	0	2	3	10	10	5	1	4	0	2	0	4	10	4	4	1	0	0	5	21	4	1	6	1	0	5	8	4	1
Elmdon ... H	9	362	1018.9	-	6.7	0.7	9.0	90	6.5	1	2	3	11	11	2	0	2	1	1	2	9	12	3	0	0	0	1	5	22	2	0	6	3	0	3	12	3	1
	15	362	1018.2	-	9.5	1.8	9.4	78	6.1	0	1	8	13	7	1	0	1	0	0	1	8	13	7	0	0	0	0	11	18	1	2	6	3	0	1	6	10	1
	21	362	1018.8	-	6.9	0.9	8.9	87	5.6	5	2	1	14	7	1	0	3	0	1	4	11	9	1	1	0	0	0	8	19	3	2	5	2	0	2	8	7	1
Shropshire Shawbury H	3	249	1018.6	-	5.9	0.7	8.6	90	6.0	3	3	2	7	12	3	0	2	0	3	5	3	3	3	11	0	0	1	6	18	5	3	1	1	3	2	12	2	1
	9	249	1018.9	-	6.3	0.7	8.8	90	6.2	0	3	5	11	9	2	1	0	0	2	6	2	4	6	6	3	0	1	9	14	6	5	0	3	1	3	9	3	0
	15	249	1018.1	-	9.2	1.4	9.7	81	5.4	1	4	7	12	6	0	0	0	0	0	4	3	8	3	6	6	0	1	10	17	2	7	2	2	1	2	5	8	1
	21	249	1018.8	-	6.1	0.7	8.6	90	5.3	5	4	1	9	9	2	1	2	0	1	3	4	5	2	11	1	0	0	7	19	4	5	0	1	2	4	9	3	2
Worcester Pershore ... H	3	117	1019.3	-	7.0	0.7	9.1	89	6.9	1	1	2	9	15	2	1	1	2	1	3	3	8	7	4	0	0	0	10	14	6	2	4	2	0	1	11	4	0
	9	117	1019.5	-	7.2	0.7	9.3	90	6.7	0	2	4	13	8	3	0	4	0	0	2	3	8	11	2	0	0	2	11	11	6	0	5	4	0	0	11	4	0
	15	117	1018.7	-	10.1	1.7	9.8	78	5.7	1	4	3	17	4	1	0	1	0	0	2	3	5	10	7	2	0	2	14	13	1	2	6	3	0	1	6	11	0
	21	117	1019.4	-	7.3	0.8	9.2	89	4.9	5	5	3	7	9	1	0	2	0	2	2	4	9	6	5	0	0	0	12	14	4	3	5	1	1	0	12	4	0
Hereford Ross-on-Wye H	9	226	1019.1	+6.1	7.3	1.0	9.0	87	6.0	1	3	4	10	11	1	0	2	1	2	3	2	7	2	9	2	0	0	8	20	2	3	3	4	0	2	10	5	1
	15	226	1018.4	-	10.0	1.8	9.7	77	5.9	1	5	2	12	10	0	0	0	0	0	3	1	11	2	11	2	0	0	7	23	0	3	6	2	1	2	6	10	0
	21	226	1019.2	-	7.6	1.0	9.1	85	5.4	4	6	1	3	14	2	0	1	1	0	2	5	8	3	9	1	0	0	5	23	2	0	6	1	0	3	11	5	2
Gloucester Filton ... H	3	197	1019.6	-	7.4	0.6	9.6	91	6.1	2	2	5	9	10	2	0	0	2	1	2	6	12	7	0	0	0	1	9	16	4	4	5	0	0	4	11	2	0
	9	197	1019.7	-	7.9	0.7	9.8	90	6.1	2	3	2	11	11	1	0	1	0	1	4	2	10	12	0	0	0	0	13	12	5	6	3	1	0	1	12	2	0
	15	197	1019.0	-	9.8	1.2	10.3	83	5.5	2	3	6	9	10	0	0	0	0	0	3	3	15	8	1	0	0	1	16	13	0	4	5	2	0	2	8	8	1
	21	197	1019.7	-	7.8	0.6	9.9	91	5.3	5	1	6	9	9	0	0	0	0	0	4	7	14	5	0	0	0	1	7	21	1	4	6	1	0	3	11	4	0
Gloucester H	3	79	1019.6	-	7.9	0.8	9.6	89	6.5	1	1	4	9	12	3	0	1	1	1	3	1	12	9	2	0	0	0	6	22	2	3	6	1	1	9	7	1	0
	9	79	1019.8	-	7.8	0.9	9.5	88	5.9	1	5	3	13	6	2	0	2	0	0	4	8	4	10	1	1	0	0	7	19	4	3	4	2	1	4	10	1	1
	15	79	1019.1	-	10.4	1.7	10.1	79	6.0	1	2	5	19	3	0	0	0	0	1	2	7	7	6	5	2	0	0	11	18	1	4	6	0	0	6	9	4	0
	21	79	1019.8	-	8.2	0.8	9.8	88	5.2	6	1	4	10	8	1	0	0	1	2	5	5	9	6	2	0	0	0	5	23	2	3	6	1	0	4	12	1	1
Little Rissington H	3	751	1019.3	-	6.1	0.4	9.1	94	6.4	1	4	2	4	12	7	0	6	1	0	1	3	12	6	1	0	0	1	11	16	2	2	6	1	0	1	12	2	4
	9	751	1019.4	-	6.2	0.3	9.2	95	6.4	1	4	1	10	7	7	1	6	2	1	0	2	8	9	1	0	0	0	10	19	1	1	8	2	0	0	7	11	0
	15	751	1018.7	-	8.5	1.1	9.6	84	6.0	1	3	5	13	8	0	0	0	0	0	2	5	6	11	6	0	0	3	11	16	0	1	6	4	0	1	7	10	1
	21	751	1019.5	-	6.2	0.3	9.2	94	4.8	9	2	1	6	8	4	0	2	2	2	1	1	7	12	2	1	0	1	13	13	3	1	7	1	0	0	10	8	0
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	86	1019.3	-	7.3	0.6	9.5	91	6.7	2	3	0	2	21	2	0	3	0	2	2	5	9	5	4	0	0	1	7	20	2	4	4	1	0	5	10	3	1
	9	86	1019.5	-	7.7	0.7	9.6	90	6.4	1	5	0	9	14	1	0	1	2	2	2	4	8	8	2	1	0	1	7	21	1	2	7	1	0	4	7	8	0
	15	86	1018.7	-	10.3	1.9	9.7	77	5.3	2	5	6	7	9	1	0	0	1	0	2	3	9	11	4	0	0	1	13	15	1	1	5	2	1	1	5	11	3
	21	86	1019.5	-	7.6	0.8	9.4	89	4.6	4	6	5	6	8	1	0	2	1	1	1	8	6	8	3	0	0	0	6	22	2	4	5	0	1	1	9	7	1
Surrey Kew Observatory H	9	34	1019.6	+5.9	8.3	1.1	9.5	86	6.5	0	4	1	10	12	3	0	1	2	3	2	2	12	4	3	1	0	0	7	22	1	1	7	2	0	5	10	3	1
	15	34	1018.9	-	10.5	2.2	9.4	74	5.6	2	3	7	8	9	1	0	0	1	0	2	4	8	10	4	1	0	0	9	21	0	2	5	2	0	3	6	10	2
	21	34	1019.6	-	8.1	0.9	9.3	85	4.8	5	5	3	7	7	3	0	3	0	1	0	4	14	5	3	0	0	0	4	25	1	2	7	0	1	3	9	6	1
Gatwick H	3	195	1019.7	-	6.3	0.4	9.4	96	6.2	3	3	1	2	16	5	0	5	1	1	1	5	9	7	1	0	0	0	3	24	3	2	7	0	0	3	10	3	2
	9	195	1019.8	-	6.9	0.4	9.6	94	6.2	3	3	0	9	13	2	0	3	1	2	2	3	9	8	0	2	0	0	7	19	4	1	5	2	1	0	9	6	2
	15	195	1018.9	-	9.8	1.5	10.0	81	5.7	3	3	4	10	9	1	0	1	0	0	2	2	9	13	2	1	0	1	12	17	0	3	6	3	0	1	7	9	1
	21	195	1019.8	-	6.6	0.4	9.4	94	4.1	8	6	1	7	6	2	2	1	0	1	1	5	12	6	2	0	0	0	5	23	2	2	6	1	1	1	9	7	1
Kent Deal ... H	3	34	1019.7	-	8.1	0.7	10.0	90	5.1	6	3	3	3	13	2	0	1	0	1	0	3	8	12	5	0	0	4	8	16	2	0	2	5	1	0	7	12	1
	9	34	1019.7	-	8.4	0.8	10.0	89	5.7	3	4	2	7	13	1	0	1	0	3	2	6	6	10	2	0	0	3	8	16	3	1	2	5	1	0	5	13	0
	15	34	1019.1	-	10.1	1.1	10.7	85	5.8	3	1	4	9	12	1	0	0	1	0	1	4	13	10	1	0	0	2	11	15	2	0	4	3	0	0	6	11	4
	21	34	1019.5	-	8.8	0.9	10.1	88	4.6	9	0	7	3	11	0	0	0	0	0	2	2	6	20	0	0	0	2	12	15	1	1	2	5	0	1	7	12	1
Manston ... H	3	148	1019.5	-	7.2	0.6	9.5	91	5.3	8	1	1	5	13	2	1	0	0	2	1	4	10	8	4	0	0	1	9	18	2	1	3	4	1	1	11	5	2
	9	148	1019.6	-	8.1	0.9	9.6	88	5.7	4	2	4	8	10	2	1	2	0	0	5	2	7	8	4	1	0	1	12	16	1	0	0	8	1	3	9	5	3
	15	148	1018.8	-	9.7	1.4	10.0	82	5.3	4	4	5	6	11	0	0	0	0	1	2	2	13	11	1	0	0	0	15	14	1	2	4	3	0	3	6	10	1
	21	148	1019.4	-	7.9	0.8	9.6	88	5.3	5	1	5	9	9	1	0	1	1	0	1	2	12	8	5	0	0	0	18	11	1	2	1	6	0	2	10	6	2
Sussex Thorney Island H	3	35	1019.9	-	7.5	0.5	9.9	92	5.2	8	2	1	5	14	0	1	0	0	1	3	2	8	12	3	0	0	1	3	20	6	2	6	1	1	0	5	6	3
	9	35	1019.9	-	8.1	0.6	10.1	91	6.0	3	2	3	10	12	0	0	0	0	1	4	2	14	3	5	1	0	1	5	23	1	0	6	4	0	2	7	6	4
	15	35	1019.2	-	10.4	1.4	10.5	82	5.8	2	3	4	12	9	0	0	0	0	0	1	5	7	14	2	1	0	0	11	17	2	3	5	4	0	2	3	10	1
	21	35	1019.9	-	8.0	0.6	10.0	91	4.4	8	5	1	7	9	0	0	0	0	2	2	3	7	14	2	0	0	0	6	21	3	3	6	3	0	0	4	11	0
East Hoathly H	9	133	1020.0	-	7.4	0.6	9.8	91	5.8	5	1	1	12	10	1	0	1	0	4	2	0	16	5	1	1	0	0	10	14	6	0	4	3	1	1	3	9	3
	15	133	1019.3	-	10.1	1.6	10.0	80	6.0	3	3	1	10	13	0	0	0	0	0	1	4	9	7	9	0	0	2	8	17	3	1	3	6	2	1	0	13	1
	21	133	1019.9	-	7.0	0.6	9.5	92	3.9	11	3	2	6	7	1	0	1	1	3	1	0	14	3	7	0	0	0	4	18	8	2	4	4	0	1	1	10	0
Eastbourne Coastguard H	9	24																																											
	15	24																																											
	21	24																																											
Berkshire Abingdon H	3	234	1019.5	-	7.1	0.6	9.5	92	6.1	3	3	2	6	12	4	0	3	1	2	2	2	9	11	0	0	0	0	8	18	4	5	4	0	1	1	10	3	2
	9	234	1019.7	-	6.9	0.6	9.4	92	6.2	2	1	5	7	12	3	0	3	2	2	1	4	5	10	3	0	0	0	11	16	3	2	6	1	0	2	7	6	3
	15	234	1019.0	-	9.8	1.3	10.2	83	5.9	2	0	9	10	8	1	0	1	0	1	0	3	6	17	2	0	0	0	14	15	1	3	5	3	1	1	8	8	0
	21	234	1019.7	-	7.2	0.5	9.7	93	5.3	6	1	4	6	11	2	0	1	2	1	0	6	13	6	0	0	0	0	7	17	6	4	5	0	1	2	9	3	0
Hampshire Hurn ... H	3	46	1019.7	-	7.0	0.5	9.6	93	5.2	6	3	2	7	9	3	0	1	0	2	1	7	9	7	3	0	0	1	3	23	3	5	4	2	0	0	4	9	3
	9	46	1019.8	-	7.9	0.8	9.8	90	5.4	3	3	4	12	8	0	0	0	1	0	4	5	11	5	4	0	0	0	7	18	5	0	8	1	0	0	6	7	3
	15	46	1019.0	-	10.9	1.9	10.1	77	5.7	3	1	5	13	8	0	0	0	0	0	1	6	9	9	5	0	0	0	12	17	1	2	4	5	1	1	4	9	3
	21	46	1019.8	-	7.7	1.8	9.7	89	4.3	6	6	3	8	7	0	0	0	0	0	3	3	17	6	1	0	0	0	5	22	3	3	6	1	0	0	5	12	0
S. Farnborough H	3	231	1019.7	-	7.2	0.6	9.5	92	6.6	3	1	1	4	16	5	0	3	2	2	0	5	9	6	3	0	0	1	12	12	5	1	5	0	0	2	10	5	2
	9	231	1019.8	+6.1	7.7	0.7	9.7	90	6.2	2	4	0	11	10	3	0	3	0	1	2	4	9	3	6	2	0	0	11	17	2	0	8	2	0	2	7	9	0
	15	231	1019.0	-	10.1	1.7	9.9	79	5.5	2	4	4	12	7	1	0	0	0	1	2	3	9	10	4	1	0	2	11	16	1	2	5	2	1	2	5	10	2
	21	231	1019.9	-	7.2	0.7	9.4	91	5.1	7	0	4	7	8	4	1	1	1	1	1	7	11	5	0	2	0	1	8	17	4	1	8	0	1	1	7	8	0
Wiltshire Lyneham H	3	489	1019.8	-	6.4	0.5	9.1	92	6.8	1	2	1	8	15	3	0	4	0	0	1	5	8	9	2	1	0	1	11	18	0	1	8	2	0	3	10	4	2
	9	489	1019.8	-	6.8	0.6	9.2	91	6.5	0	4	2	12	10	2	0	1	2	2	4	1	4	9	7	0	0	0	13	16	1	1	8	0	0	5	7	7	1
	15	489	1019.0	-	9.0	1.3	9.7	83	6.1	2	0	8	9	11	0	0	0	0	0	2	2	11	7	8	0	0	1	15	14	0	3	6	2	0	1	7	11	0
	21	489	1019.9	-	6.9	0.5	9.4	92	5.3	5	3	4	5	11	2	1	0	0	1	0	11	10	5	2	0	0	0	15	15	0	3	6	1	0	2	12	4	2

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount: No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
5 ENGLAND, S.E.—cont.																																													
Boscombe Down H	3	419	1020.0	-	6.6	0.6	9.1	91	5.6	6	2	2	4	16	0	0	1	0	0	3	3	11	10	2	0	0	1	9	19	1	4	3	4	0	1	5	10	2
	9	419	1020.0	-	7.3	0.8	9.4	90	5.9	3	4	0	12	11	0	0	0	0	0	6	5	5	5	8	1	0	0	11	16	3	1	3	5	0	2	5	9	2
	15	419	1019.3	-	9.7	1.7	9.5	78	6.0	2	2	4	14	8	0	0	0	0	0	0	2	9	11	6	2	0	1	16	13	0	2	2	7	0	1	5	11	2
	21	419	1020.1	-	7.1	0.9	9.3	90	4.1	10	3	1	8	7	1	0	2	1	1	1	2	9	11	3	0	0	0	12	15	3	3	3	3	0	3	6	9	0
Upavon ... H	9	582	1019.5	-	6.8	0.4	9.6	95	5.8	1	5	3	12	7	2	0	1	0	5	1	0	9	7	5	2	0	2	11	14	3	1	5	5	0	1	5	9	1
	15	582	1018.8	-	9.1	1.1	10.1	86	5.9	2	1	6	12	9	0	0	0	0	0	0	5	8	12	3	2	0	1	12	15	2	2	4	3	0	1	4	11	3
	21	582	1019.6	-	6.8	0.4	9.6	95	5.9	12	0	4	4	9	1	0	1	1	0	3	1	11	10	3	0	0	1	9	16	4	3	5	2	0	0	5	9	2
7a ENGLAND, N.W.																																													
Cumberland Carlisle ... H	3	92	1016.9	-	5.8	0.7	8.6	90	6.2	3	3	1	5	13	5	1	3	0	1	0	3	11	9	2	0	0	3	6	13	8	0	1	3	3	0	10	5	0
	9	92	1017.4	-	5.7	0.9	8.2	86	5.5	2	4	4	13	7	0	0	1	1	0	2	3	4	13	5	1	0	0	8	16	6	1	2	2	3	1	5	10	0
	15	92	1016.4	-	8.7	1.7	8.8	77	6.0	1	2	5	12	10	0	0	0	0	0	1	4	4	16	5	0	0	2	11	13	4	2	2	4	1	2	6	9	0
	21	92	1016.8	-	6.3	0.8	8.6	87	5.6	4	4	1	7	12	2	0	1	1	1	3	2	9	9	4	0	0	0	9	13	8	1	0	3	1	2	7	8	0
Lancashire Squires Gate H	3	35	1017.4	-	6.4	0.6	9.1	91	5.5	4	3	3	7	11	2	1	0	2	3	1	3	6	6	7	1	0	4	9	17	0	1	4	6	2	2	9	6	0
	9	35	1017.9	-	6.8	0.7	9.1	91	5.9	1	2	7	11	8	1	1	0	3	2	1	3	11	6	3	0	0	3	12	14	1	0	3	6	4	2	2	10	2
	15	35	1017.2	-	9.0	1.3	9.7	84	5.2	3	5	5	9	8	0	0	0	0	0	5	2	15	6	2	0	0	2	15	11	2	1	4	1	4	2	4	10	2
	21	35	1017.5	-	6.8	0.7	9.1	90	5.4	5	2	4	7	12	0	1	0	1	2	7	3	7	7	2	0	0	3	11	14	2	1	3	4	3	2	5	9	1
Speke ... H	3	85	1018.0	-	7.0	0.9	8.9	88	5.8	2	1	8	7	8	4	2	2	0	1	7	1	2	6	7	2	0	2	6	21	1	3	3	3	6	6	3	5	0
	9	85	1018.4	-	7.2	0.8	9.1	88	6.9	0	1	2	18	6	3	1	1	2	0	4	3	9	4	6	0	0	0	13	14	3	3	1	3	7	1	2	9	1
	15	85	1017.7	-	9.5	1.6	9.6	80	5.6	0	4	7	15	4	0	0	0	0	0	3	4	13	7	3	0	0	1	12	16	1	4	2	1	5	3	4	7	3
	21	85	1018.1	-	7.7	1.2	9.0	84	6.0	2	3	3	13	7	2	2	0	0	1	4	7	6	4	5	1	0	1	9	17	3	3	3	1	4	4	5	6	1
Cheshire Ringway H	3	251	1018.0	-	5.9	1.0	8.2	86	5.2	4	4	4	5	9	4	0	3	1	2	4	2	6	7	4	1	0	0	8	15	7	3	1	1	3	9	6	0	0
	9	251	1018.2	-	6.3	0.9	8.5	87	6.2	1	3	5	7	12	2	0	3	0	0	3	9	10	5	0	0	0	0	8	17	5	3	1	2	4	3	7	5	0
	15	251	1017.5	-	8.7	1.8	8.7	76	5.7	2	4	4	9	10	1	1	0	0	1	3	7	10	7	1	0	0	0	12	15	3	2	3	2	0	6	4	7	3
	21	251	1018.1	-	6.6	1.1	8.4	84	6.2	3	1	2	10	11	3	2	1	0	0	5	8	10	4	0	0	0	0	8	15	7	1	2	3	0	10	2	4	1
7b NORTH WALES																																													
Anglesey Valley ... H	3	36	1017.9	-	7.9	0.8	9.8	89	5.2	6	3	1	8	12	0	0	0	0	1	0	2	4	18	5	0	1	9	9	9	2	1	6	2	1	5	8	4	1
	9	36	1018.3	+7.2	8.4	0.9	9.9	87	5.9	2	1	6	14	7	0	0	0	0	0	2	2	5	6	12	3	1	6	12	9	2	3	4	2	0	6	6	7	0
	15	36	1017.9	-	10.5	1.4	10.4	81	5.6	2	2	7	14	5	0	0	0	0	0	0	0	4	13	7	6	0	8	14	6	2	2	6	1	0	5	5	9	0
	21	36	1018.2	-	8.3	1.0	9.7	87	5.0	7	2	3	10	8	0	0	0	0	0	0	1	8	8	11	2	2	7	6	14	1	2	7	0	1	6	6	6	1
8a SOUTH WALES																																													
Cardigan Aberporth H	3	382	1018.7	-	8.2	1.1	9.5	85	5.1	7	2	3	3	15	0	0	0	0	0	1	4	6	12	5	2	1	2	14	10	3	0	1	3	3	8	6	4	2
	9	382	1019.1	-	8.4	1.1	9.6	84	5.4	4	3	4	8	11	0	0	0	0	0	0	0	7	14	6	3	0	3	18	8	1	1	4	4	1	5	8	4	2
	15	382	1018.4	-	10.1	1.5	10.1	80	5.9	3	0	6	13	8	0	0	0	1	0	0	1	11	8	6	3	0	5	13	11	1	2	2	6	0	1	7	10	1
	21	382	1019.1	-	8.1	1.1	9.3	84	4.9	7	4	1	5	13	0	0	0	0	0	1	2	8	10	7	2	0	3	13	12	2	0	2	3	2	7	8	4	2
Glamorgan Mumbles Head H	3	123	1019.5	-	9.1	1.0	10.1	86	5.2	7	3	1	3	16	0	0	0	0	0	0	0	14	13	3	0	0	5	13	12	0	1	7	5	0	0	6	10	1
	9	123	1019.5	-	9.1	1.1	10.1	86	5.7	1	5	5	5	14	0	0	0	0	0	2	2	18	5	3	0	0	8	15	6	1	3	4	5	1	0	6	10	0
	15	123	1018.4	-	10.6	1.5	10.6	82	5.9	3	0	7	7	12	1	0	0	2	0	1	1	16	8	2	0	1	9	16	3	1	0	2	7	0	3	4	12	1
	21	123	1019.4	-	9.4	1.2	10.1	83	4.8	6	5	3	3	13	0	0	0	0	0	1	0	12	10	6	1	1	2	16	10	1	4	6	2	0	0	6	10	1
Rhoose ... H	3	225	1019.6	-	8.0	0.6	10.0	91	6.0	5	0	3	5	16	1	0	0	0	1	2	4	6	10	6	1	0	1	16	11	2	1	4	6	0	0	7	9	1
	9	225	1019.6	-	8.2	0.6	10.1	91	6.1	0	5	2	13	10	0	0	0	0	1	3	7	5	8	5	1	0	1	17	11	1	1	5	5	1	0	3	11	3
	15	225	1018.9	-	9.8	1.0	10.6	86	5.8	3	1	6	10	10	0	0	0	0	1	3	3	9	10	3	1	0	4	13	13	0	1	3	6	1	2	2	14	1
	21	225	1019.7	-	8.0	0.6	10.0	90	4.7	6	4	5	6	9	0	0	0	0	0	2	5	8	7	6	2	0	2	15	12	1	0	7	4	0	0	4	11	3
8b ENGLAND, S.W.																																													
Dorset Portland Bill H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Devon Hartland Pt. H	3	306	1018.8	-	9.4	0.9	10.5	87	5.4	5	3	3	9	10	0	0	0	1	0	0	0	10	12	3	4	1	11	11	5	2	1	5	5	0	0	3	12	2
	9	306	1018.7	-	9.3	0.9	10.5	88	6.0	1	2	6	11	10	0	0	0	0	1	0	3	8	8	8	2	2	11	11	6	0	1	6	3	1	2	2	12	3
	15	306	1017.9	-	10.3	1.1	10.9	86	6.1	2	0	5	13	9	1	1	0	1	0	2	1	8	10	4	3	2	11	10	5	2	1	5	3	0	0	1	15	3
	21	306	1019.1	-	9.6	1.0	10.5	86	5.0	6	3	4	6	11	0	0	0	2	0	0	0	6	15	5	2	1	12	12	4	1	0	7	3	1	0	3	12	3
Mount Batten H	3	100	1019.9	-	8.7	0.8	10.3	90	5.2	6	2	5	4	13	0	0	0	0	0	1	9	12	8	0	0	0	2	11	14	3	3	3	6	1	0	5	8	1
	9	100	1019.9	+6.4	9.1	0.8	10.5	89	6.1	2	3	2	9	14	0	0	0	0	1	2	7	10	10	0	0	0	4	11	13	2	0	5	4	0	1	7	8	3
	15	100	1019.3	-	10.9	1.5	10.7	81	6.0	2	3	3	11	11	0	0	0	0	0	0	6	14	7	3	0	1	3	14	12	0	3	3	6	0	0	10	7	1
	21	100	1020.1	-	9.1	1.0	10.2	86	5.6	7	1	0	9	13	0	0	0	0	0	1	9	17	3	0	0	0	2	11	14	3	2	2	6	0	0	6	10	1
Chivenor ... H	3	23	1019.9	-	8.5	0.8	10.2	89	5.3	7	1	3	5	14	0	0	0	0	0	1	3	11	6	8	1	1	2	10	11	6	3	1	6	1	2	1	9	1
	9	23	1020.0	-	8.9	0.9	10.3	88	5.9	2	3	5	10	10	0	0	0	0	0	0	7	7	5	7	4	1	0	12	13	4	2	4	5	1	2	3	6	3
	15	23	1019.4	-	11.3	1.6	11.0	81	5.6	2	3	6	13	6	0	0	0	0	0	0	4	7	10	7	2	0	3	12	14	1	1	2	5	2	2	2	13	2
	21	23	1020.1	-	8.9	0.9	10.2	87	5.3	4	4	4	6	12	0	0	0	0	0	0	6	7	6	10	1	0	0	10	13	7	0	3	5	1	0	3	7	4
Exeter ... H	3	125	1020.2	-	8.0	0.7	9.9	90	6.4	2	2	4	7	13	2	1	0	0	0	1	5	10	9	3	1	0	1	7	20	2	2	6	3	1	9	0	5	2
	9	125	1020.3	-	8.3	0.8	10.0	89	5.8	1	4	4	12	9	0	0	0	0	1	3	5	3	6	11	1	1	2	7	18	2	3	7	1	1	3	4	8	1
	15	125	1019.5	-	10.9	1.7	10.4	78	5.5	3	2	6	12	7	0	0	0	0	0	0	2	6	15	6	1	0	2	13	15	0	4	4	4	0	3	4	7	4
	21	125	1020.5	-	7.9	0.7	9.9	90	5.0	6	3	4	5	12	0	0	0	0	1	1	6	8	13	1	0	0	0	7	19	4	3	5	0	1	4	5	3	5
Cornwall St. Mary's, Scilly H	3	199	1020.1	-	10.6	0.9	11.4	89	5.9	1	3	6	6	13	1	0	0	1	0	0	1	14	4	7	3	0	4	20	5	1	3	1	7	1	2	5	9	1
	9	199	1020.2	+7.1	10.6	1.0	11.3	87	6.4	0	3	5	10	10	2	0	0	1	1	0	1	13	7	5	2	1	7	14	7	1	2	1	6	3	2	5	9	1
	15	199	1019.8	-	11.4	1.2	11.6	86	6.3	0	1	7	13	9	0	0	0	0	0	1	4	13	3	7	2	0	8	14	7	1	3	2	5	2	2	2	10	3
	21	199	1020.4	-	10.6	1.1	11.0	85	6.1	0	4	5	6	14	1	0	0	1	0	0	1	13	5	7	3	0	6	16	7	1	1	3	6	0	0	8	8	3
St. Mawgan H	3	350	1020.3	-	8.3	0.7	10.1	90	5.2	8	1	2	2	16	1	0	0	0	1	1	4	11	8	5	0	0	3	15	12	0	1	5	5	0	6	5	6	2
	9	350	1020.3	-	8.7	0.7	10.4	90	6.1	1	5	1	11	12	0	0	1	0	0	3	2	12	8	3	1	1	2	17	9	1	2	4	5	1	7	4	4	2
	15	350	1019.6	-	10.5	1.3	10.7	83	5.5	2	3	8	10	7	0	0	0	1	1	0	3	5	15	4	1	0	6	15	9	0	1	5	2	2	2	6	7	5
	21	350	1020.5	-	8.6	0.8	10.1	88	5.6	5	1	5	4	15	0	0	0	0	0	1	4	16	3	6	0	0	1	17	12	0	4	2	5	1	4	6	5	3
9 NORTHERN IRELAND																																													
Londonderry Ballykelly H	3	6	1015.7	-	6.6	0.9	8.7	87	5.1	3	5	4	10	8	0	0	0	0	0	0	0	4	16	9	1	0	0	7	12	11	1	0	2	1	3	6	5	1
	9	6	1015.8	-	7.1	1.0	8.8	86	5.9	0	3	9	9	8	1	1	1	0	0	0	0	2	15	11	0	0	1	8	11	10	1	1	0	1	4	10	3	0
	15	6	1015.3	-	9.6	1.7	9.4	77	5.3	1	5	5	13	6	0	0	0	0	0	0	0	2	15	11	2	0	2	8	14	6	1	2	1	3	2	7	6	2
	21	6	1015.3	-	7.0	1.0	8.9	87	4.7	4	7	3	8	8	0	0	0	0	0	0	1	7	12	9	1	0	2	6	9	13	1	0	0	1	3	6	6	0
Antrim Aldergrove H	3	241	1016.7	-	6.4	0.6	9.0	91	4.8	6	3	5	6	10	0	0	1	0	1	1	6	5	5	10	1	0	0	10	13	7	2	0	0	4	4	8	5	0
	9	241	1017.0	-	6.4	0.6	9.0	91	6.2	0	3	4	14	8	1	0	2	0		2	6	4	6	6	4	0	0	7	18	5	1	1	3	2	6	7	5	0
	15	241	1016.4	-	8.8	1.2	9.6	84	5.5	2	5	4	10	9	0	0	2	0	0	0	4	1	11	8	4	0	0	12	13	5	2	3	0	1	3	6	10	0
	21	241	1016.6	-	6.4	0.7	8.8	90	5.0	7	2	4	6	11	0	0	3	0	0	0	1	7	11	5	3	0	0	11	14	5	0	1	2	4	5	9	3	1
CHANNEL ISLES																																													
Guernsey States Airport H	3	360	1020.6	-	9.1	0.9	10.3	87	4.7	5	6	4	6	9	0	0	0	0	1	0	1	10	4	8	6	1	3	16	8	2	1	0	8	1	1	9	7	1
	9	360	1020.7	-	9.4	1.2	10.1	85	5.7	2	3	6	9	10	0	0	0	0	0	0	0	11	6	10	3	1	6	12	10	1	3	1	5	1	2	8	7	2
	15	360	1019.9	-	10.4	1.6	10.2	80	6.0	2	3	2	15	8	0	0	0	0	0	0	0	10	6	10	4	1	3	17	8	1	3	3	5	0	2	7	6	3
	21	360	1020.7	-	9.7	1.1	10.3	85	5.6	3	2	6	10	9	0	0	0	0	0	0	1	10	7	8	4	0	3	16	7	4	1	3	6	0	0	5	6	5

H *See* Notes on Tables in the Introduction.

TABLE XIII—SOLAR RADIATION AND INTENSITY OF ILLUMINATION NOVEMBER, 1964

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE mw. hr./cm²						DIFFUSE RADIATION ON A HORIZONTAL SURFACE mw. hr./cm²						TOTAL ILLUMINATION OF A HORIZONTAL SURFACE kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	92	6	8	28	39.9	30	54	2,8	8	28	30.3	30	106	2,6	10	28	45.8	30
Eskdalemuir Observatory ...	170	2	10	30	66.9	30	-	-	9	26,30	39.3	30	180	2	10	30	66.3	30
Cambridge	178	8	17	18	86.5	30	96	1	16	18	57.3	30	-	-	-	-	-	-
Kingsway	165	8	16	17	70.4	30	90	7	16	17	49.7	30	175	8	19	17	78.5	30
Kew Observatory	161	8	19	17	70.2	30	84	2	19	17	49.9	30	175	15	23	17	77.5	30
Aberporth	196	9	22	13	96.4	30	118	1	22	13	59.7	30	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN NOVEMBER, 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	0	5	22	3	0	0	0	0	0	0	0	3	14	13	0	0
Stornoway	0	3	10	17	0	0	0	0	0	0	0	3	11	14	2	0
Craibstone	0	5	15	10	0	0	0	0	0	0	0	7	14	9	0	0
Rothesay	0	1	12	17	0	0	0	0	0	0	0	1	14	15	0	0
Renfrew	2	2	11	15	0	0	0	0	0	0	0	6	10	11	3	0
Eskdalemuir Observatory	0	4	17	9	0	0	0	0	0	0	4	6	9	11	0	0
Douglas	0	0	13	17	0	0	0	0	0	0	0	1	5	24	0	0
Cockle Park	0	3	16	11	0	0	0	0	0	0	0	7	13	10	0	0
Gorleston	0	2	8	20	0	0	0	0	0	0	0	2	7	20	1	0
Cambridge	0	3	5	22	0	0	0	0	0	0	0	6	11	13	0	0

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.							
	0·0 or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	0	2	14	14	0	0	0	0	0	0	0	1	11	17	1	0
Kew Observatory	0	2	6	21	1	0	0	0	0	0	0	2	5	18	5	0
Hastings	0	0	8	22	0	0	0	0	0	0	0	2	10	13	5	0
Southampton																
Stonyhurst	0	3	8	19	0	0	0	0	0	0	0	3	15	11	1	0
Bidston																
Valley	0	0	6	24	0	0	0	0	0	0	0	3	9	10	8	0
Falmouth	0	0	8	22	0	0	0	0	0	0	0	1	8	17	4	0
Aldergrove	0	0	13	17	0	0	0	0	0	0	0	5	13	12	0	0
Armagh	0	1	10	19	0	0	0	0	0	0	0	8	9	13	0	0

TABLE III—ADDITIONS AND CORRECTIONS NOVEMBER, 1964.

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE	
				Means of				Highest Maximum and Lowest Minimum									Precip'n											
		Max. Min.		A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day: Amount	Most in a day: Date	·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets, etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in	%	in.													hr	%
May 1964	Costa	9 9	115	12.4	6.7	9.5	-	15.6	4	3.3	1	-	-	2.51	-	.47	16	17	14	-	-	-	-	-	-	0	0	-	4.53	-
	Point of Ayre	21-9	30	15.7	8.5	12.1	-	18.3	28	5.5	15	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	-	1	6.60	-
	Kielder Castle	9 9	660	15.3	5.3	10.3	-																							
	Whitby	9 9	135											.50	24	.16	21	9	5											
	Luton	9 9	379	18.1	7.9	13.0	+1.6			2.8	15																		6.34	109
	Nottingham T.C.	9 9	169	18.6	8.3	13.5	-							1.27	-	.45	4	10	8											
	Rugby	9 9	385											1.34	-	.25	29	16	11										-	-
	Oaken	9 9	409	18.0	7.4	12.7	-																							
	Mickleham	9 9	179	(18.7)	(7.7)	(13.2)	-							3.08	160	1.55	31	13	10											
	Avonmouth	9 9	31	17.1	9.7	13.4	-	23.9	17	4.5	14,15	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	-	-
	Hempsted	9 9	39	17.8	8.9	13.3	-	23.9	17	2.2	15	13.1	10.1	1.55	-	.45	30	14	10	0	0	0	0	1	6	0	0	0	4.99	-
	Compton	9 9	339	18.1	7.5	12.8	-																							
	Chiseldon	9 9	510											3.16	-	1.10	30													
	Newton Rigg	9 9	560	15.8	7.5	11.6	+1.4	22.2	17,26,28	4.4	2,23	11.3	-	2.73	128	.63	29	19	13	-	0	-	-	-	2	0	0	-	6.34	106
	Moor House	9 9	1825											4.25	-	.92	7	19	15	-	0								5.58	-
	Knutsford	9 9	212	18.4	8.7	13.5	-																		0					
	Penzance	9 9	62																										5.36	76
	Gulval	9 9	50	15.3	9.8	12.5	+0.6	21.7	26	5.6	15	-	-	2.96	126	.61	28	17	16	0	0	-	-	-	0	0	0	-	5.35	75
	Ampleforth	9 9	313																										6.99	111
	Dumfries	9 9	140																										6.02	100
	Woolhampton	9 9	370															13	9											
	Llyn Siwlan	9 9	1656															19	14											
	Aberystwyth	9 9	12											1.57	-	.25	9,21													
	Wrexham	9 9	275											1.15	-	.26	1	10	8											
	Castle Douglas	9 9	196	15.6	8.2	11.9	-																							
March 1962	Porthcawl	9 9	19													.45	7	11												
April 1963	Aberystwyth	9 9	12											3.96				20	16											
June 1964	Balerno	9 9	700	16.1	8.0	12.1	-	(21.7)	26	2.8	18,20	-	-	1.28	-	.24	16	12	8	-	-	-	-	-	5	0	-		5.28	85
	Colonsay	9 9	87	15.0	8.7	11.9	-0.6	17.8	25,26	3.9	2	-	-	4.83	146	.94	12	23	17	0	-	1	1	0	1	0	-	0	-	-
	Point of Ayre	21-9	30	16.7	10.3	13.5	-	24.5	26	7.6	2	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	0	6.47	-
	Rugby	9 9	385	17.9	9.7	13.8	-0.6	22.8	26	3.3	2	14.7	13.5	3.13	-	.68	7	15	14	0	0	1	0	3	-	0	0	0	-	-
	Oaken	9 9	409	17.7	9.1	13.4	-	24.4	26	2.8	20	13.9	-	2.36	-	.60	1	11	10	-	-	-	-	-	-	0	5	-	-	-
	Hempsted	9 9	39	18.3	10.3	14.3	-	23.9	26	3.3	20	15.5	12.3	2.16	-	.87	1	11	8	0	0	0	0	1	0	0	0	0	4.55	-
	Mickleham	9 9	179	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ilfracombe	9 9	25	16.6	12.1	14.3	-0.4	21.7	12	8.9	2,3	16.7	14.6	1.45	76	.35	5	11	9	0	0	0	0	0	0	0	0	1	6.23	81
	Gulval	9 9	50	17.4	11.8	14.6	-0.1	23.9	26	7.8	20	-	-	1.95	105	.55	13	15	7	0	0	-	-	-	0	0	0	-	7.16	95
	Warsop	9 9	150									-	-	2.14	143	.37	12	17	11											
	Avonmouth	9 9	31	18.3	11.3	14.8	-																							
	Lacock	9 9	160	18.0	9.4	13.7	-																							
	Wye	9 9	185											2.89	179	.66	13	15	11											

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METEOROLOGICAL OFFICE
12 MAY 1965
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Monthly Weather Report
OF THE METEOROLOGICAL OFFICE

Summary of observations compiled from returns of official stations and voluntary observers

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December 1964 — *Rather cold, but some mild stormy periods.*

Weather during December was predominantly cyclonic in character except from the 17th to the 23rd when pressure was high over the north of the British Isles.

The month began dull and rather cold with sleet in some eastern districts as a depression over eastern England moved southwards into France. Widespread frost and some fog patches early on the 2nd, in a ridge of high pressure behind the depression, were followed by rain in a frontal trough which reached the English Channel coast before dawn the next day. Northerly winds behind the trough brought brighter weather with scattered wintry showers to all areas on the 3rd and 4th.

A mild period began on the 5th. An anticyclone moved from our South-West Approaches towards the Bay of Biscay and a mild westerly airstream on its northern side brought rain, preceded by snow in a few places, to all parts of the British Isles. The anticyclone moved away south-eastwards on the 6th and the next two days were stormy as deepening depressions moved rapidly north-eastwards, one crossing Ireland and Scotland on the 7th and another skirting north-west Scotland on the night of the 8th/9th. Associated fronts brought heavy and prolonged rain to many western and northern areas which caused widespread flooding in Wales and the Lake District. After a sunny day in most parts except the south-east on the 10th, and some overnight fog, fronts associated with a vigorous depression to the north of Scotland brought rain to western districts on the night of the 11th/12th; the rain became heavy and prolonged in many parts of the west and north as a deepening secondary depression moved rapidly across Ireland and the extreme north of England. In North Wales the rain, which followed a period of earlier flooding, was more or less continuous for 36 hours and resulted in the worst floods known in the district.

The relatively mild weather came to an abrupt end on the 14th as a small depression moving eastwards across northern France brought easterly winds and wintry showers to southern England. Fog formed widely that night, and freezing fog persisted in many areas for about three days. An anticyclone from the Atlantic became centred over the country on the 18th and during the next four or five days a belt of high pressure built up from the west of Scotland to Southern Scandinavia. Winds remained mainly between east and north-east and weather generally dry and cold with sunny periods.

On the 24th an airstream of arctic origin spread southwards over the British Isles bringing scattered snow showers to northern districts. Wintry showers continued in the north and east on Christmas Day, and on the 26th a belt of snow moved eastwards across the country reaching the London area during the evening. A depression and associated troughs moving southwards over the country brought snow to most places on the 27th, but the 28th was mainly dry with light winds and good sunny periods.

Rain from the Atlantic, preceded locally by snow, brought a rapid rise of temperature on the 29th. The rain continued throughout the night and for much of the next day with strong to gale force winds, but the last day of the month was generally sunny with scattered showers.

Pressure and Wind — Pressure was mainly below the 1921-50 average, the departure at 9 hr. ranging from −3.1 mb at Lerwick to 0.0 mb at Stornoway. Surface winds, rather variable at first, were northerly on the 3rd-4th, south-westerly on the 5th-15th becoming mainly variable again until the 28th apart from easterlies on the 19th-23rd. Winds were south-westerly during the last three days of the month. They reached gale force on 20 days in Scotland and on the 2nd-3rd, 6th-13th, 21st, 27th, 29th-31st (15 days) in England and Wales. Gales were widespread and severe at times on the 7th/8th and 12th/13th. On the 7th gusts of 94 kt and 77 kt were recorded at Great Dun Fell (2813 ft.) and Ronaldsway respectively.

Temperature — Temperature was generally below the average except on the 5th-13th and during the last three days of the month. Day temperatures were 5°-7°C above the average during the former period, and night frosts were severe around mid-month and during the fourth week.

Extremes included: (England and Wales) 15.0°C at Santon Downham and Tavistock on the 8th and at Harwarden Bridge on the 11th, −15.5°C at Caldecott on the 29th; (Scotland) 13.3°C at Blackford Hill, Edinburgh and at Dunbar on the 11th, −15.6°C at Strachan on the 26th; (Northern Ireland) 13.3°C at Newry Abbey on the 11th, −5.6°C at Aldergrove on the 25th and Newry Abbey on 28th.

Precipitation — In Scotland the eastern side of the country had less than average rainfall for the fourth successive month, the western side of the mainland and the Islands to the west and north reported more than average amounts. Most of southern, central and eastern England had less than average except around Gorleston and north-east England east of the Pennines. It was more than 175 per cent of the average west of the Pennines and over north-west Wales—twice the average was recorded in parts of Merionethshire and adjacent counties.

Thunder was heard in Scotland on 11 days and in England and Wales on the 7th-9th and 30th.

Snow or sleet fell every day except the 20th at one place or another in Scotland and on the 1st-6th, 13th, 21st and 24th-31st (16 days) in England and Wales. Ground was snow-covered at 9 hr. on 20 days in Scotland and on the 1st, 4th and 25th-29th (and also on the 30th and 31st at stations above 1,000 ft.) in England and Wales. It lay 2-4 in deep in parts of the Midlands, northern and eastern England on the 27th and 28th.

Sunshine was mostly above average except in the extreme east. Amounts ranged from 62 per cent of the average at Margate to 202 and 206 per cent at Sheffield and Ringway respectively.

Fog — Fog was observed at 9 hr. at one place or another on 29 days in Scotland and on the 1st, 2nd, 5th-7th, 10th-20th and 24th-30th (23 days) in England and Wales. It was widespread on the 15th-18th.

Miscellaneous Phenomena — The aurora was seen in Scotland on 2 nights, the 9th and 10th.

TABLE I—DISTRICT VALUES— DECEMBER, 1964 **(1908, revised 1928, 1941, 1956 and 1964)**

Districts	Air Temperature					Earth Temp.		Rain Days	Rainfall	Sunshine
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						*% of Average*	
0 SCOTLAND, N.	12.8	-13.9	-1.3	-1.7	-1.5	-	-	+3	135	104
1 SCOTLAND, E.	13.3	-15.6	-1.1	-1.5	-1.3	-	-	+2	89	105
2 ENGLAND, N.E.	14.4	-14.4	-1.0	-2.0	-1.5	-0.3	+0.5	+1	84	105
3 ENGLAND, E.	15.0	-13.6	-0.7	-1.4	-1.0	-0.1	0.0	0	109	88
4 MIDLANDS	14.5	-15.5	-1.0	-1.8	-1.4	-0.3	+0.4	+1	109	128
5 ENGLAND, S.E.	14.5	-11.7	-0.6	-1.1	-0.9	-0.3	+0.1	+1	88	106
6 SCOTLAND, W.	12.8	-14.6	-0.6	-1.5	-1.1	-0.3	+0.3	+1	121	125
7 ENGLAND, N.W. and N. Wales	15.0	-14.4	-0.8	-1.5	-1.2	-0.1	+0.6	-1	158	149
8 ENGLAND, S.W. and S. Wales	15.0	-13.9	-1.0	-1.8	-1.4	0.0	+0.1	0	112	110
N. IRELAND	13.3	-5.6	-0.7	-1.5	-1.1	-	-	+1	107	102
SCOTLAND	13.3	-15.6	-1.0	-1.6	-1.3	-	-	+2	114	111
ENG. and WALES	15.0	-15.5	-0.9	-1.6	-1.2	-	-	0	111	114

Meteorological Office, Air Ministry: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — DECEMBER, 1964 (1914)

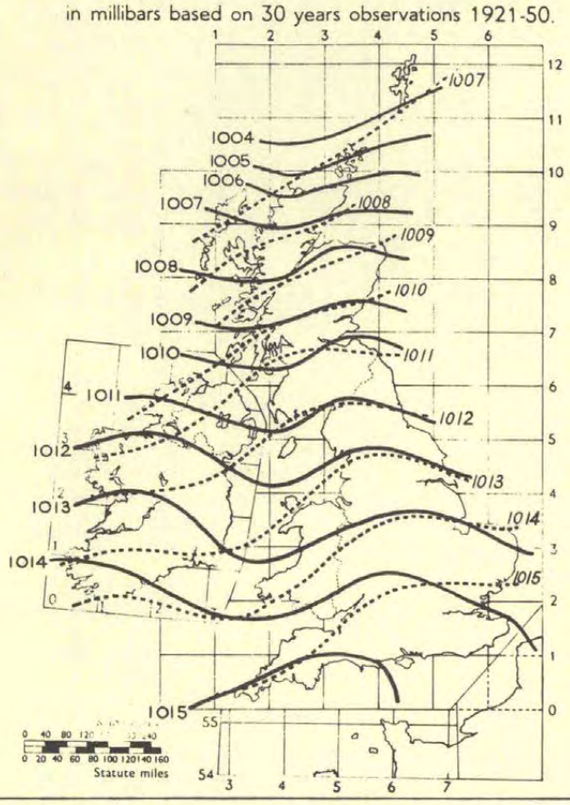
District, County and Place		Height of Vane: Above Mean Sea Level	Height of Vane: Above Ground	Height of Vane: Effective Height	Distribution of Mean Hourly Values of Wind Speed: 34 knots or more: Dates of Occurrence	34 knots or more: Duration	22 to 33 knots: No. of days	22 to 33 knots: Duration	11 to 21 knots: Duration	4 to 10 knots: Duration	Less than 4 knots: Duration	No Record: Duration	Mean Hourly Wind Speed	Highest Velocities: Highest Hourly Wind: Veer from N	Highest Hourly Wind: Speed	Highest Hourly Wind: Hour ended at		Highest Gust: Speed	Highest Gust: Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day	hr	knots	day	h.m
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	9,11,12	28	20	109	366	172	69	0	14.7	240	47	12	11	67	12	0950
Orkney	Kirkwall	134	50	33	3,9,11,12	17	18	139	357	196	35	0	15.3	250	41	9	05	65	12	1040
Caithness	Dounreay	110	39	30	2,11,12,31	10	18	125	395	173	4	37	15.4	310	39	2	14	74	2	1305
Sutherland	Shin	78	33	33																
Ross &	Stornoway (Coastguard)	120	40	36	8,9,11,15,31	29	17	105	321	214	75	0	14.4	190	49	11	19	68	31	0220
Cromarty	Duirinish	125	65	55	8,9,11	9	14	100	254	293	88	0	11.9	210	42	8	23	70	8	2225
Inverness	Benbecula	69	51	35	2,8,11	8	16	124	304	248	60	0	13.5	310	36	2	20	63	2	1925
1 Moray	Lossiemouth	101	80	60																
Aberdeen	Dyce	254	30	30	-	0	9	35	322	200	187	0	9.6	180	31	12	01	50	12	0040
Angus	Auchterhouse ...	822	62	50	-	0	5	16	212	386	90	40	9.0	200	31	8	23	57	8	2225
	Bell Rock Lighthouse	126	131	124	2,3,6-9,11 ✗ ✗	72	25	275	271	105	21	0	20.5	230	45	31	03	59	31	0200
Perth	Rannoch	1006	56	57	✗															
Fife	Leuchars	78	40	40	-	0	10	47	237	426	34	0	10.0	210	32	12	01	54	31	0125
Midlothian	Turnhouse	137	40	33	11,12	2	9	51	246	291	154	0	9.8	190	41	12	01	73	11	2350
	Edinburgh, Blackford Hill	496	50	34	6-9,11,12,16 ✗ ✗	43	19	145	279	198	79	0	15.2	180	60	12	01	88	12	0120
6a Argyll	Tiree	89	60	47	2,3,8,11 ✗ ✗	46	24	223	305	143	27	0	18.2	210	45	8	22	72	8	2145
Bute	Millport	50	34	34	✗															
Renfrew	Paisley	188	81	31																
	Renfrew	71	41	39	-	0	8	32	238	279	195	0	8.6	230	31	8	22	48	11	2320
Lanark	Lowther Hill ...	2412	43	33	2,3,5-9,11 ✗✗	60	24	196	358	112	15	3	19.4	310	58	8	02	78	8	0120
Ayr	Prestwick Airport ...	68	33	33	-	0	8	46	252	323	123	0	9.8	290	29	8	01	56	8	0020
Dumfries	Eskdalemuir Observatory	825	50	35	7	3	10	46	159	310	226	0	8.3	200	38	7	24	69	8	0155
Wigtown	West Freugh ...	81	33	33	7,8,11,12	11	10	77	225	332	99	0	11.0	300	40	8	01	64	7	2345
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	3,7,8,11,12 ✗	55	19	174	316	145	54	0	17.3	250	56	7	24	77	7	2215
	Point of Ayre ...	64	33	33	2,7,8,11,12	16	15	136	384	189	19	0	15.5	260	42	8	01	67	7	2350
2 Durham	Durham	389	53	33	8	1	9	41	310	292	100	0	10.8	250	37	8	03	75	8	0155
	South Shields ...	73	57	44	-	0	7	23	299	358	64	0	10.1	240	30	8	03	59	8	0045
Lincoln	Cranwell	268	47	47	-	0	12	62	255	266	161	0	10.3	220	30	13	04	49	13	0655
3 Norfolk	Gorleston	54	43	43	7,8	3	16	181	361	167	32	0	16.0	190	35	8	03	48	8	0230
Suffolk	Mildenhall	98	83	60	-	0	5	25	231	256	232	0	8.1	220	28	13	08	51	8	0140
Bedford	Bedford	327	42	30	-	0	9	55	328	269	92	0	11.2	200	30	9	02	50	9	0200
	Cardington	278	133	133	7,9,13,30	15	12	139	300	182	106	2	13.8	180	37	7	24	60	7	2325
Hertford	Garston	307	50	33	-	0	1	1	184	409	150	0	7.7	240	22	9	06	49	8	0135
	Rothamsted	461	41	33	-	0	1	5	180	356	179	24	7.4	210	22	9	05	45	9	0325
Essex	Stansted ...	351	31	31	-	0	9	48	352	272	72	0	11.2	210	27	9	01	46	9	0215
	Coryton	66	57	48																
	Shoeburyness ...	118	106	91	1,7-9,13,27 ✗	50	17	168	331	166	29	0	16.9	210	41	8	02	60	8	0205
4 Yorks, W.R.	Sheffield	533	53	35	-	0	1	1	198	242	303	0	6.2	210	22	8	22	50	8	2300
Warwick	Edgbaston	643	118	73	-	0	3	8	238	429	69	0	8.8	190	23	7	20	47	3	0405
	Elmdon	343	31	31	-	0	8	46	303	246	149	0	10.0	310	30	3	04	59	3	0315
Buckingham	Amersham	500	50	50	✗															
Stafford	Keele	706	50	33	-	0	4	10	221	281	232	0	7.5	210	28	7	21	53	3	0315
Gloucester	Avonmouth	92	61	33	7,9	3	9	72	316	204	130	19	11.7	200	35	7	17	51	7	1710
5 London	Kingsway	208	143	41	-	0	1	1	240	399	104	0	8.6	220	22	30	14	57	8	0220
Middlesex	London (Heathrow) Airport	115	33	33	-	0	9	52	294	313	85	0	10.8	200	32	7	22	49	7	2150
	Hampton	139	101	100	-	0	6	44	282	243	175	0	9.5	220	30	9	01	54	7	2315
Surrey	Kew Observatory ...	92	75	50	-	0	5	31	293	326	94	0	10.1	230	27	9	01	52	9	0020
	Gatwick	232	38	33	-	0	7	57	256	297	134	0	10.1	220	32	13	08	55	13	0750
Kent	Isle of Grain ...	48	40	33	-	0	9	37	297	258	152	0	10.0	210	26	13	11	50	13	0720
	Dover	68	38	62	-	0	15	117	348	213	66	0	13.7	210	29	7	21	56	9	0035
Sussex	Thorney Island ...	75	65	42	-	0	7	29	261	264	190	0	9.0	210	29	8	01	46	8	0020
Hampshire	Hurn	86	53	46	-	0	8	47	298	289	110	0	10.5	220	28	13	07	50	13	0715
	Calshot	50	41	33	-	0	10	89	405	236	14	0	13.5	190	32	7	24	43	13	0440
	S. Farnborough ...	318	69	35	-	0	7	42	289	257	156	0	10.0	220	27	8	02	48	30	1240
Berkshire	Abingdon	295	40	40	-	0	7	39	295	221	189	0	9.4	210	27	30	12	43	9	0330
Wiltshire	Larkhill	491	51	36	-	0	8	49	302	239	154	0	10.3	240	26	8	01	53	8	0025
	Boscombe Down ...	425	55	55	13	1	9	99	329	249	66	0	12.4	230	34	13	05	51	8	0035
	Porton	406	44	44	-	0	8	62	188	248	246	0	8.7	210	32	8	24	53	30	1140
7a Cumberland	Carlisle	137	42	30	7	2	10	66	172	225	279	0	8.5	220	37	7	24	60	8	0135
	Sellafield	83	39	35	7,8	4	11	80	233	290	84	53	11.2	260	41	8	01	63	8	0020
	Spadeadam	959	51	50	7,8	2	10	48	259	339	96	0	10.5	170	35	8	01	65	8	0140
Westmorland	Great Dun Fell ...	2843	33	33	2-4,6-9,11,12 ✗	88	23	184	313	126	31	2	19.7	230	68	7	24	94	7	2330
	Moor House ...	1960	50	45	2,6-8,11,12,29	28	19	185	308	144	79	0	15.9	210	41	7	24	65	7	2325
Lancashire	Squires Gate ...	88	55	35	2,7,8,13,30	9	14	141	291	238	65	0	14.0	250	44	8	01	65	8	0010
	Southport	59	41	33	8	1	8	55	208	192	262	26	8.8	260	35	8	01	55	3	0230
	Fleetwood	112	50	31	-	0	10	32	285	265	162	0	9.7	290	33	3	01	65	7	2320
	Speke	109	41	33	3,7	2	11	87	232	294	129	0	10.8	230	35	7	24	57	3	0320
	Manchester W/Centre	268	147	55	-	0	4	16	194	359	175	0	8.1	200	28	7	23	63	30	1215
Cheshire	Bidston Observatory	262	64	39	3,8	3	8	46	316	244	69	66	-	260	35	8	01	66	8	0030
	Ringway	261	33	33	-	0	7	33	220	352	139	0	8.7	190	30	7	23	59	7	2255
7b Anglesey	Valley	86	53	40	6-9,11-13,29-31	87	22	171	277	176	33	0	18.2	210	50	7	22	70	7	2200
8a Cardigan	Aberporth	483	41	41	3,13	3	23	255	249	183	54	0	16.7	300	35	3	06	61	13	0145
Pembroke	Brawdy	432	68	45	3,7-9	16	21	195	254	192	80	7	15.1	200	42	7	18	62	7	1735
Glamorgan	Port Talbot	91	40	35	-	0	12	80	311	223	130	0	11.3	260	30	8	01	47	8	0020
	Rhoose	257	37	32	13	1	13	99	286	351	7	0	12.7	250	34	13	08	59	13	0805
Dorset	Portland Bill ...	190	155	155	2,3,6-9,12 $															
8b Devon	Plymouth Hoe ...	191	88	65	7,13	10	11	89	216	257	172	0	10.7	-	40	13	04	(51	7	1905)
Cornwall	St. Mary's, Scilly ...	230	65	57	7,13,27,30	21	23	320	313	75	15	0	20.1	360	40	27	16	63	27	1415
	The Lizard	315	75	60	✗															
NORTHERN IRELAND																				
Londonderry	Ballykelly	56	50	35	-	0	7	23	2471	247	2271	0	8.2	190	27	11	21	55	8	1925
Antrim	Aldergrove	263	33	33	-	0	7	25	260	273	186	0	8.8	310	32	7	23	53	7	2235
Fermanagh	Castle Archdale ...	263	43	43	-	0	2	16	227	341	160	0	8.5	210	26	8	17	45	8	1600
CHANNEL ISLES																				
	Jersey Airport ...	359	86	50	3	3	22	202	382	141	16	0	17.0	290	36	3	07	50	3	0650

✗ Also on 30th and 31st
✗ Anemograph out of order
✗ Also on 29th and 30th
✗ Incomplete record
✗✗ Also on 12th, 17th, 25th and 29th-31st
✗ ✗ Also on 15th-17th, 24th and 30th
* Defective record
✗✗ Also on 12th, 15th, 16th and 30th.
$ Also on 13th, 21st, 22nd and 26th-31st.
✗ ✗ Also on 28th - 31st.

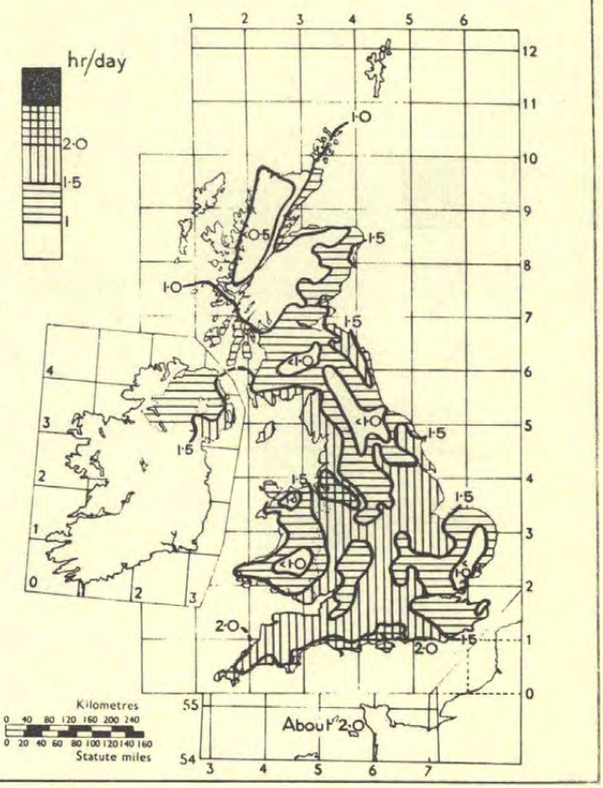
MONTHLY WEATHER CHARTS DECEMBER 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



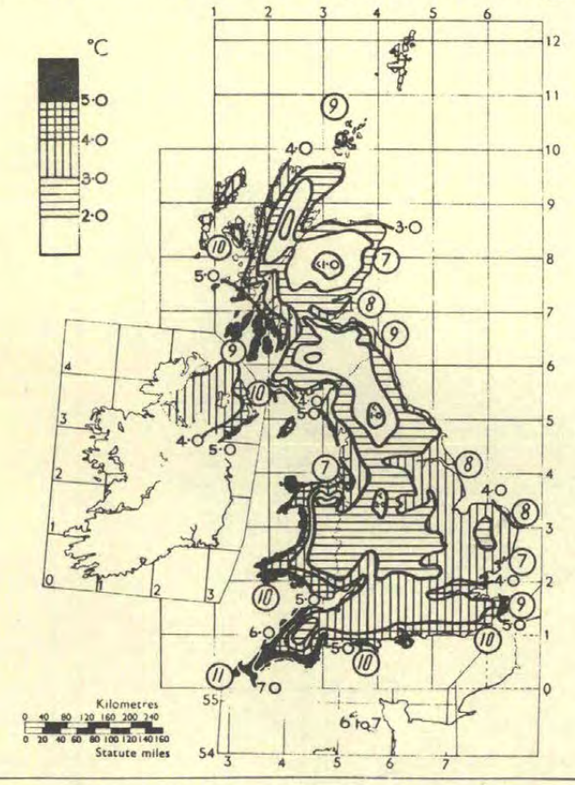
BRIGHT SUNSHINE



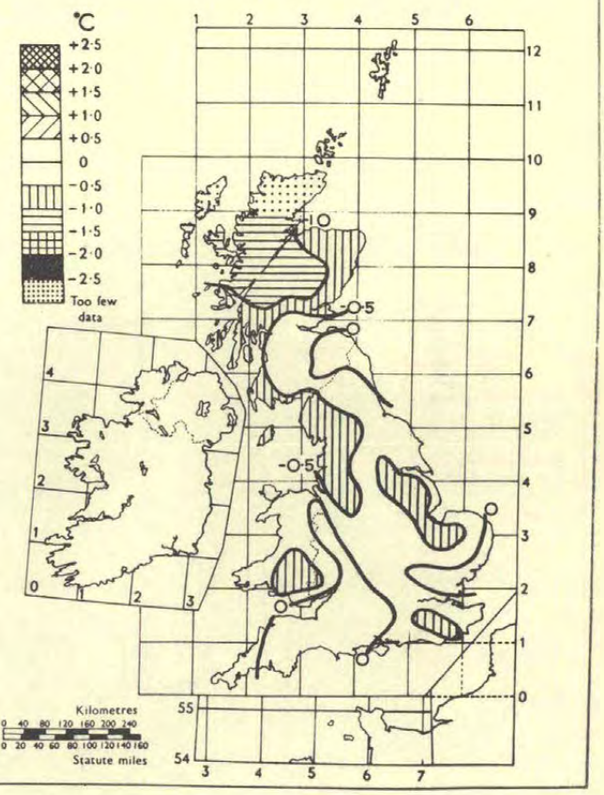
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL
DECEMBER
1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.

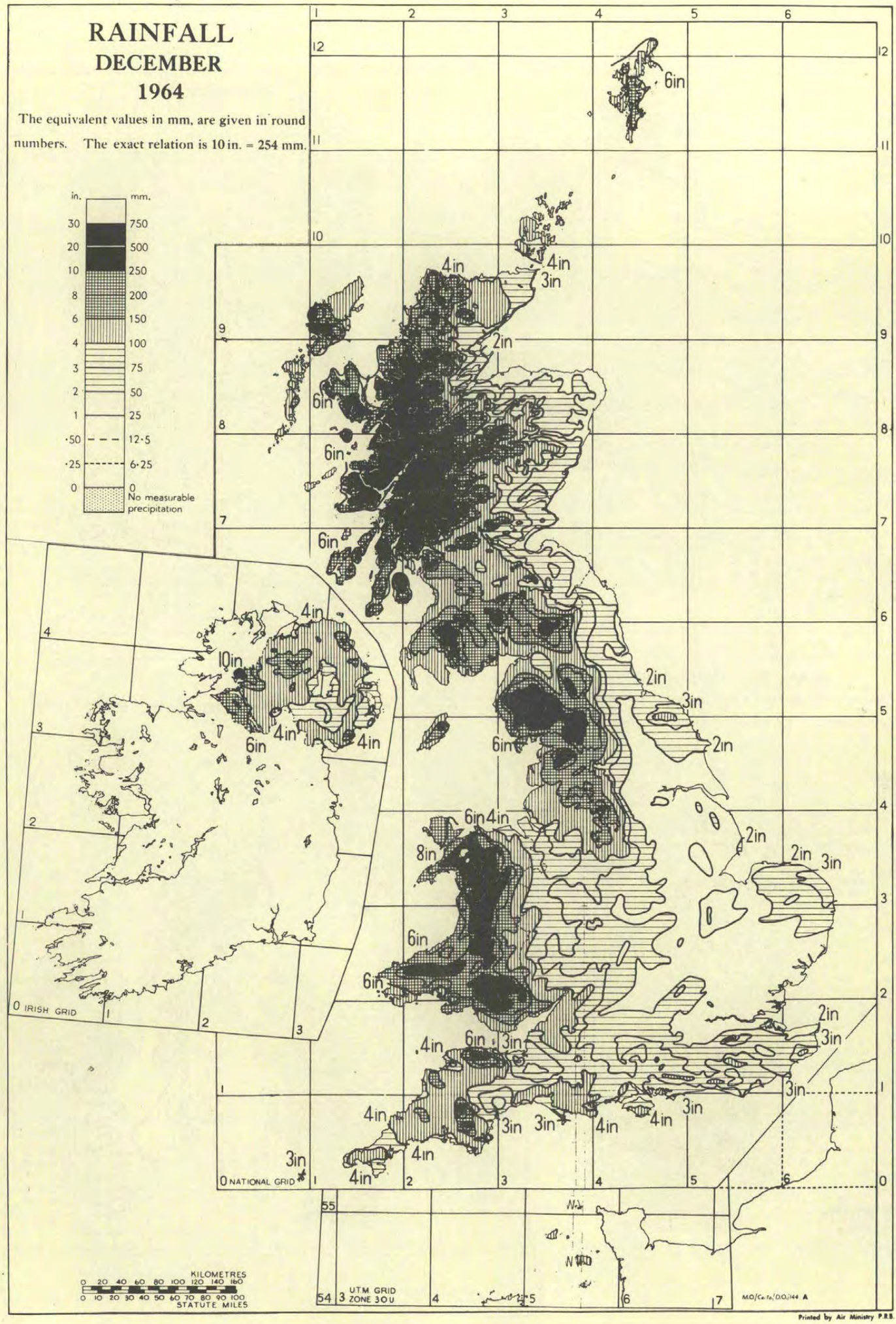


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TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.) Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·3mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
0	SCOTLAND, N.																													
Zetland	Hamnavoe	9 9	70	6.3	2.1	4.2	-	10.0	8	-2.2	25,26	-	-	7.90	-	.84	30	28	22	7	7	2	0	0	0	6	-	6	0.42	-
	Lerwick Obs'y. ¶§	21-9	269	4.5	1.3	2.9	-1.5	9.2	9	-4.8	25	-	-	10.03	197	.94	30	29	26	16	7	3	13	0	0	12	18	4	0.53	118
	Baltasound	9 9	78	5.2	0.4	2.8	-	8.9	6,8	-2.8	4,25,26	4.6	-	6.06	120	.84	16	30	24	12	6	5	2	0	0	10	-	4	0.20	-
Orkney	Sule Skerry	9 9	43	6.8	3.7	5.3	-	10.3	5	-1.5	25	-	-	4.91	-	.63	30	28	22	10	1	2	4	0	0	2	6	4	-	-
	Stenness	9 9	75	5.8	1.2	3.5	-	10.0	5,6,11	-3.9	26	4.3	-	4.92	-	.54	7,30	29	25				4	0	0	9	16	5	0.65	-
	Costa	9 9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Kirkwall	21-9	84	5.2	1.9	3.5	-	9.1	6	-3.4	26	-	-	4.67	103	.53	7	27	20	14	4	9	0	0	1	7	12	5	0.81	98
Caithness	Dounreay	9 9	70	6.1	0.5	3.3	-	10.6	5,6	(-3.9)	25	-	-	4.01	-	.86	13	26	21	5	4	0	0	0	0	12	23	9	-	-
	Wick ¶§	21-9	119	4.8	1.0	2.9	-1.7	10.2	6	-5.5	26	-	-	2.94	99	.46	24	23	18	11	4	1	5	1	0	11	19	0	1.33	119
Sutherland	Cape Wrath	21-9	367	6.3	1.9	4.1	-1.6	11.2	6	-4.0	25	-	-	4.21	86	.51	13	28	22	10	3	3	4	1	0	6	11	3	0.43	- S
	Achany	9 9	280	4.5	-1.5	1.5	-	10.6	8	-11.1	28	2.8	5.6	3.80	90	.43	2,7	28	22	19	15	4	0	2	1	22	28	0	-	-
	Strathy	9 9	120	5.3	0.2	2.7	-1.3	10.0	5	-4.4	1	-	-	3.68	83	.62	13	27	20	13	4	0	9	1	0	13	-	0	.65	90 S
Ross & Cromarty	Stornoway ¶§	21-9	11	6.0	1.6	3.8	-1.7	10.9	5	-6.3	25	-	-	5.67	140	.56	24	28	25	13	2	2	11	1	1	11	17	5	.65	76
	Balmacara	9 9	2	7.4	1.2	4.3	-	12.2	8	-3.9	26	-	-	8.73	-	1.01	11	27	23	-	4	-	-	-	-	8	-	-	-	-
	Poolewe	9 9	20	7.5	1.6	4.5	-	11.7	8,10	-3.3	26	-	-	6.81	-	.64	30	27	26	-	-	-	-	-	0	7	15	-	.57	- S
	Inverpolly	9 9	45	6.6	1.2	3.9	-	11.7	11	-5.0	26	5.7	-	6.71	-	.59	5	28	24	9	7	14	0	3	-	9	22	5	-	- 8
	Achnashellach	9 9	220	6.1	-0.7	2.7	-1.4	12.8	10	-7.8	26	-	-	11.38	131	1.20	5	29	27	12	8	0	0	0	0	14	-	1	-	-
	Kinlochewe	9 9	76	6.6	0.4	3.2	-	11.7	8,10	-5.6	26	4.7	-	11.46	-	1.18	29	28	27	11	10	1	0	2	1	11	23	1	.39	- 8
	Blackbridge	9 9	690																											
	Fortrose ¶§	9 9	15	6.2	1.7	3.9	-1.3	11.1	5	-3.9	26	-	-	2.17	106	.42	29	20	12	-	8	-	-	-	0	5	-	-	1.13	99
	Tarbatness	21-9	60	4.9	2.5	3.7	-	10.0	6,11	-1.0	14,26,30	-	-	1.55	-	.31	7	17	12	6	2	0	0	0	0	3	-	1	-	-
Inverness	Benbecula	21-9	19	6.8	2.8	4.8	-1.1	10.4	8	-2.1	14	-	-	5.11	111	.71	11	27	23	8	2	2	10	1	1	7	14	9	.76	-
	Isle of Rhum	9 9	15	7.5	1.8	4.7	-	12.2	8	-3.3	18,26	4.9	8.2	11.71	-	1.46	15	26	24	9	2	9	5	3	0	8	17	13	-	-
	Prabost	9 9	220	6.3	1.3	3.8	-	10.6	5,8,11	-2.8	26	-	-	7.96	-	1.50	11	28	26	12	9	0	19	1	0	7	22	5	.95	-
	Duntulm	9 9	294	6.3	2.1	4.2	-1.4	9.4	18	-2.8	26	-	-	5.20	93	.73	11	29	24	9	1	2	0	1	0	7	11	4	.80	104 S
	Onich ¶§	9 9	48	6.5	0.5	3.5	-1.4	11.7	8	-6.7	26	-	-	11.61	133	1.23	11	25	21	5	4	0	0	0	0	12	18	0	.74	109 S
	Fort William	9 9	27	6.2	-0.6	2.8	-	12.2	8	-9.4	26	3.7	6.0	9.86	-	1.25	8	24	21	9	6	0	2	1	0	14	20	2	.50	- S
	Fort Augustus	9 9	70	5.2	-0.7	2.3	-1.6	11.1	8	-9.4	26	-	-	7.34	-	1.20	29	27	20	7	7	0	0	0	0	16	-	1	.85	- S
	Cannich	9 9	350	4.4	-2.7	0.9	-	10.6	5,11	-13.9	26	-	-	8.09	162	1.24	30	28	21	11	13	0	0	0	0	19	29	0	-	-
	Inverness	9 9	13	6.3	0.3	3.3	-	11.7	6	-5.0	26	-	-	2.63	-	.58	30	18	13	8	5	0	0	0	0	11	20	0	1.22	-
	Coire Cas Shieling	9 9	2500	(1.8)	(-3.2)	(-0.7)	-	(8.3)	11	(-11.1)	26	-	-	(7.00)	-	-	-	-	-	23	-	-	-	-	-	26	-	-	-	-
	Cairngorm	9 9	3575	(-0.7)	(-4.8)	(-2.8)	-	(-5.6)	6	(-12.2)	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	.	.	.	. 8
	Achnagoichan	9 9	1000	4.0	-2.6	0.7	-	10.6	5,11	-11.1	26	2.9	-	4.10	-	.39	29	25	20	16	-	0	0	0	-	22	31	1	-	-
	Glenmore Lodge	9 9	1120																											
1	SCOTLAND, E.																													
Nairn	Nairn ¶§	9 9	20	5.8	0.1	2.9	-1.3	12.2	11	-5.6	26,28	-	-	1.84	97	.39	2	23	17	3	6	0	0	0	0	12	25	0	1.24	102
Moray	Forres	9 9	155	5.6	-0.4	2.6	-	12.2	6	-7.8	26	2.9	5.7	1.44	82	.31	7	20	10	7	10	0	0	0	0	15	18	0	1.30	91
	Kinloss	21-9	15	5.2	0.9	3.1	-	12.1	11	-7.3	25	3.7	-	1.47	-	.28	7	20	10	14	7	0	5	0	0	15	20	2	1.26	-
	Elgin	9 9	92	6.3	0.8	3.5	-	12.2	6,11	-5.6	26	-	-	1.43	-	.27	2	19	11	4	6	0	0	0	0	9	18	0	1.23	-
	Lossiemouth	9 9	21	6.2	-0.5	2.9	-1.2	11.7	6,11	-8.3	26	-	-	1.44	-	.27	2	14	11	10	5	0	2	0	0	14	25	2	-	-
	Gordon Castle	9 9	104	6.0	0.8	3.4	-0.8	12.8	11	-5.6	26	-	-	1.63	73	.29	2	18	11	6	9	0	5	0	-	10	-	1	1.08	97
Banff	Banff	9 9	80	5.5	0.7	3.1	-	11.7	11	-6.1	26	-	-	1.56	-	.34	2	20	14	6	2	6	0	0	0	6	-	4	.77	-
Aberdeen	Braemar	9 9	1113	4.2	-2.7	0.7	-1.3	10.6	11,12	-13.9	26	-	-	3.50	93	.77	30	20	16	-	13	-	-	-	0	19	24	-	.55	- S
	Balmoral	9 9	927	4.1	-2.9	0.6	-1.5	11.1	6	-14.4	26	-	-	3.51	110	.48	30	23	16	13	13	0	0	0	-	20	30	0	-	-
	Dinnet	9 9	580	4.7	-1.6	1.5	-	12.2	11	-12.8	26	2.6	-	2.00	-	.32	2	21	12	-	8	-	-	-	0	18	26	-	1.32	-
	Huntly	9 9	405	4.7	-0.9	1.9	-	12.1	11	-9.5	26	-	-	2.80	-	.55	2	21	14	6	14	0	3	0	1	17	26	0	-	-
	Fyvie Castle	9 9	218																											
	Craibstone ¶§	9 9	300	5.1	-0.2	2.5	-1.3	11.7	6	-6.7	26	3.1	5.5	1.39	44	.34	7	21	13	7	7	1	2	0	0	15	23	3	1.51	99
	Dyce	21-9	190	4.7	-0.5	2.1	-1.6	12.1	6	-11.7	26	-	-	1.25	38	.27	7	19	10	9	6	1	4	0	0	17	26	1	1.44	-
	Aberdeen	9 9	170																											
	Hilton	9 9	230	5.5	0.3	2.9	-	11.7	6	-5.6	26	2.7	-	1.36	-	.29	7	15	13	7	6	0	1	0	0	15	25	1	-	-
	Udny	9 9	352	4.7	-0.9	1.9	-	11.1	11	-8.9	26	-	-	2.08	-	(.50)	2	18	12	7	9	0	0	0	1	17	31	1	1.61	-
	Rattray Head	21-9	85	5.0	1.0	3.0	-1.6	10.4	8	-7.5	26	-	-	1.45	57	.22	2	18	12	4	3	1	0	0	0	13	-	4	1.36	-
Kincardine	Fettercairn	9 9	560	4.8	-1.8	1.5	-	11.1	6	-8.3	26	-	-	3.32	-	.60	7	23	18	7	8	0	0	0	2	23	31	1	1.22	- 8
	Strachan	9 9	395	4.9	-1.9	1.5	-	12.2	6	-15.6	26	3.7	-	2.16	-	.53	8	18	14	6	7	0	0	0	0	19	29	1	1.21	- S
	Stonehaven	9 9	12	5.9	-0.7	2.6	-1.8	11.7	11	-8.3	26	-	-	1.89	69	.47	7	20	14	4	5	0	0	0	0	17	-	0	1.42	108
	Muchalls	9 9	210	5.4	-0.3	2.5	-	10.6	6,11	-6.1	26	-	-	1.79	-	.45	7	25	14	6	5	0	0	0	0	13	25	0	-	-
Angus	Mylnefield	9 9	100	5.6	-0.9	2.3	-	11.7	6,11	-7.8	28	2.7	6.2	2.33	-	.46	7	20	12	9	3	1	1	0	0	17	28	0	1.42	-
	Auchterhouse	9 9	760	4.2	-1.6	1.3	-	10.0	6,8,11	-8.3	28	3.1	5.6	2.62	-	.43	8	19	14	16	7	0	0	0	1	18	26	1	1.44	-
	Dundee ¶	9 9	147	5.7	0.0	2.9	-1.0	11.1	7,8,11	-5.6	26	2.4	-	2.49	103	.44	7	18	11	5	3	0	1	0	-	14	27	1	1.64	-
	Glamis Castle	9 9	200	5.1	-2.0	1.5	-	11.7	11	-6.1	15,26,28	-	-	2.87	-	.52	30	19	15	10	5	0	0	0	1	22	30	2	-	-
	Whitehillocks	9 9	845	4.4	-2.8	0.8	-	11.1	5,6	-10.6	26	-	-	4.14	-	.83	30	22	16	16	11	0	1	0	0	22	29	0	-	- 8
	Buddon Ness	9 9	15	5.8	-0.1	2.9	-1.2	11.7	11	-5.6	26	-	-	2.36	104	.44	8	18	14	4	-	1	0	0	0	13	-	0	-	-
	Carnoustie	9 9	29	5.8	0.0	2.9	-	11.7	11	-6.1	26	3.3	-	2.16	92	.45	7	17	14	5	1	0	1	0	0	18	26	1	1.45	-
	Arbroath §	9 9	95	6.2	0.6	3.4	-0.9	11.7	6,11,12	-5.0	26	-	-	1.54	70	.40	7	15	11	3	0	0	0	0	0	11	16	0	1.53	111
	Montrose	9 9	186	5.3	-0.4	2.5	-	11.7	11	-7.2	26	-	-	1.92	78	.52	7	17	11	8	5	1	0	0	0	18	29	1	-	-
Perth	Dall	9 9	720																											
	Strathyre	9 9	425	5.8	-1.8	2.0	-	11.7	7,8,11	-10.0	26	3.2	5.4	12.62	-	1.96	11	21	19	8	6	0	0	0	0	21	28	0	-	-
	Callander	9 9	230	6.1	-1.3	2.4	-	11.1	11	-9.4	28	-	-	8.23	-	1.40	8	23	20	-	u	-	-	-	0	19	27	-	-	-
	Ardtalnaig	9 9	427	5.4	0.1	2.7	-	11.1	8	-6.7	26	-	-	6.15	-	1.16	30	24	19	7	4	0	0	2	0	13	24	2	-	-
	Dunblane	9 9	230	-	-	-	-	-	-	-	-	-	-	4.10	-	.73	11	25	18	-	-	-	-	-	-	-	-	-	0.99	- 8
	Pitlochry	9 9	473	4.8	-2.3	1.3	-	11.7	11	-11.1	26	-	-	4.48	-	1.58	30	23	17	6	12	0	0	0	1	20	28	0	1.08	-
	Faskally	9 9	310	5.2	-2.1	1.5	-	12.2	6,11	-11.1	26	2.4	5.8	4.85	-	1.73	30	23	16	8	9	0	0	0	0	20	30	0	-	-
	Dunning	9 9	250	5.5	-0.9	2.3	-	12.2	11	-9.4	28	-	-	5.26	-	.92	11	23	15	-	-	-	-	-	0	18	28	-	1.02	- S
	Perth	9 9	77	5.5	-1.0	2.3	-1.4	12.2	11	-7.8	26	-	-	3.20	118	.52	7	23	15	5	4	0	0	0	0	15	21	0	1.14	114
	Inveralmond	9 9	26	5.8	-1.7	2.1	-	12.2	8,11	-8.3	26,28	-	-	2.89	-	.48	16	18	14	4	3	0	0	0	-	19	24	0	-	-
	Blairgowrie	9 9	230	5.3	-2.2	1.5	-	11.1	6,8,11	-7.8	26	1.9	-	3.58	-	.75	30	17	12	4	-	0	0	0	-	18	25	0	1.24	- S
	Glenshee Lodge	9 9	1100	3.7	-3.1	0.3	-	10.0	6	-12.8	26	1.6	-	5.10	-	1.31	30	26	15	11	8	0	0	0	1	24	27	0	-	-
Fife	Pitreavie	9 9	130	5.6	1.0	3.3	-	12.0	11	-7.5	28	-	-	2.93	-	.55	7	18	15	4	4	1	0	0	1	11	19	1	-	-
	Ballingry	9 9	425	5.4	-0.5	2.5	-	11.1	11	-8.9	28	3.8	6.8	3.37	-	.59	7	21	14	5	5	0	0	0	2	15	25	6	1.28	-
	Kirkcaldy	9 9	137	6.0	0.0	3.0	-1.0	12.2	11	-7.8	28	-	-	2.89	128	.53	7	18	15	7	4	2	0	0	1	12	23	0	1.19	-
	Cupar	9 9	82	5.7	-0.4	2.7	-	11.7	8	-7.2	28	2.9	-	2.35	-	.54	7	18	15	6	2	0	0	0	0	16	20	0	-	-
	Leuchars	21-9	35	5.2	0.4	2.8	-1.5	12.1	11	-6.6	26	-	-	2.22	103	.45	7	18	13	7	3	0	1	0	0	15	21	3	1.64	114
	St. Andrews	9 9	13	6.2	-0.2	3.0	-1.4	12.2	11	-6.1	26	3.5	6.6	2.52	106	.42	7	16	14	-	0	-	-	-	0	16	21	-	1.53	110

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Max. Min. Terminal Hours of Observation	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1	SCOTLAND, E.—cont.																													
Midlothian	Balerno	9 9	700	4.8	-1.2	1.8	-	10.6	8,11	-8.9	28	-	-	3.27	-	.60	11	20	16	-	-	-	-	-	5	19	21	-	-	-
	Turnhouse ...	21-9	114	5.7	0.7	3.2	-1.0	12.5	11	-8.2	28	-	-	2.49	123	.50	7	18	13	8	2	3	0	0	0	14	20	3	1.25	-
	Edinburgh—E. Craigs	9 9	200	5.9	-0.1	2.9	-	12.2	8,11	-6.7	26,28	-	-	2.39	-	.48	7	16	12	4	4	0	2	0	0	15	22	0	1.32	- S
	Davidson's Mains	9 9	200	5.8	0.1	2.9	-1.4	12.2	8,11	-6.7	28	3.2	-	2.53	-	.50	7	19	13	4	4	0	0	0	1	15	21	3	1.32	- S
	Penicuik	9 9	620	4.7	-1.2	1.7	-	11.1	11	-9.4	28	2.8	-	4.04	-	.66	7	20	16	5	4	0	0	0	1	15	23	4	1.02	-
	Bush House ...	9 9	605	5.2	-0.9	2.1	-	11.7	11	-9.4	28	3.0	5.5	3.99	-	.66	7	22	17	4	4	0	0	0	1	19	23	0	1.31	-
	Edinburgh—																													
	Blackford Hill ¶§	9 9	441	5.7	0.7	3.2	-1.4	13.3	11	-5.6	28	-	-	2.37	112	.45	7	17	14	4	2	1	0	0	0	10	22	11	1.35	96
	Liberton ...	9 9	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Royal Bot. Gdns.	9 9	74	6.2	-0.9	2.7	-1.6	12.8	11	-7.2	28	3.3	-	2.31	-	.49	7	14	14	4	3	2	0	0	2	15	26	2	1.36	132
E. Lothian	Haddington ...	9 9	162	5.9	-0.3	2.8	-	12.8	11	-7.8	26	-	-	2.05	-	.34	7	18	13	4	0	0	0	0	1	14	22	3	1.45	- S
	North Berwick ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Dunbar ...	9 9	75	6.8	1.6	4.2	-0.7	13.3	11	-4.4	26	-	-	1.42	-	.27	7,12	18	9	2	0	0	0	0	0	6	17	0	1.79	117
Berwick	Mertoun ...	9 9	225	5.5	-1.5	2.0	-	11.7	11	-11.7	28	-	-	2.55	-	.59	7	23	12	2	-	0	0	0	-	17	27	0	1.61	-
	Lauder	9 9	600	4.7	-2.4	1.1	-	11.7	11	-15.0	28	-	-	2.78	-	.58	7	23	16	6	5	0	0	0	0	20	28	2	1.55	-
	Marchmont ¶§	9 9	498	4.9	-0.8	2.1	-1.5	10.6	6,8,11	-8.9	28	-	-	2.09	89	.46	7	19	14	3	5	0	0	0	0	16	-	0	1.34	116 S
	Whitchester ...	9 9	838	4.4	-1.7	1.3	-	10.6	6,11	-8.3	26	-	-	2.52	-	.41	7	22	18	8	7	0	0	0	-	19	-	1	-	-
	St. Abb's Head ...	9 9	245	5.8	2.2	4.0	-	12.1	12	-5.2	26	-	-	-	-	-	-	-	-	5	0	0	0	0	0	7	9	6	-	-
Peebles	Stanhope Farm	9 9	741	5.2	-1.3	1.9	-	11.7	11	-11.1	28	-	-	6.38	-	1.17	7	22	18	6	4	0	0	0	1	17	24	1	-	-
	Blyth Bridge ...	9 9	830	4.9	-1.6	1.7	-	11.1	11	-9.4	28,29	-	-	4.63	-	.81	7	24	19	12	6	0	0	0	1	17	27	1	1.08	-
	West Linton ...	9 9	800	5.1	-1.6	1.7	-	11.1	11	-13.3	28	2.3	5.3	4.47	-	.73	7	22	17	7	5	0	0	0	1	17	22	0	-	-
	Glentress ...	9 9	580	5.3	-3.1	1.1	-	12.2	11	-14.4	28	-	-	2.95	-	(.60)	7	15	15	7	2	0	0	0	4	23	-	0	-	-
Selkirk	Bowhill ...	9 9	600	4.9	-1.5	1.7	-	10.6	11,12	-11.7	28	-	-	4.17	-	.97	7	21	17	9	4	0	1	3	0	17	-	3	-	-
Roxburgh	Wauchope ...	9 9	560	4.5	-2.0	1.3	-	10.6	7,8,11	-12.8	28	-	-	5.36	-	.97	8	21	15	10	6	1	0	1	0	20	-	2	-	-
	Sourhope ...	9 9	900	4.7	-1.2	1.7	-	11.1	11	-10.6	26	-	-	2.73	-	.59	8	18	12	-	4	-	-	-	1	15	24	-	1.46	-
6a	SCOTLAND, W.																													
Argyll	Tiree ... ¶§	21-9	29	7.2	3.6	5.4	-1.0	11.7	8	-1.8	18	-	-	5.60	120	.61	11	27	23	6	1	0	17	3	1	6	12	7	1.11	118
	Rhuvaal	21-9	65	7.3	3.6	5.5	-	11.7	11	-0.5	25,26	-	-	8.00	-	1.09	29	26	23	8	0	9	0	2	0	2	11	3	-	-
	Colonsay ...	9 9	87	7.6	2.3	4.9	-1.0	11.1	8,11	-1.7	2,3,26	-	-	7.15	126	.78	7	27	25	11	-	10	0	2	2	5	-	6	-	-
	Tobermory ...	9 9	270	6.5	1.4	3.9	-	11.7	8	-3.3	26	-	-	10.12	-	1.30	11	24	24	-	-	-	-	-	-	6	18	-	-	-
	Craighouse ...	9 9	10	7.8	2.9	5.3	-	11.7	8,11	-1.1	26	-	-	7.60	-	1.24	11	24	22	-	0	-	-	-	0	2	7	-	-	-
	Campbeltown ...	9 9	10	8.6	2.7	5.7	-	11.7	6,7	-3.3	26	-	-	5.34	-	1.04	11	21	19	3	0	0	0	0	11	5	-	0	1.39	-
	Achaglachgach ...	9 9	40	6.8	0.8	3.8	-	11.1	8,11	-5.0	26	-	-	7.83	-	.86	11	24	23	7	-	8	0	0	0	13	30	0	-	-
	Oban	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lephinmore ...	9 9	30	6.6	1.4	4.0	-	11.7	8	-4.4	26	-	-	8.43	-	1.10	29	22	20	7	2	3	0	0	0	8	21	0	86	- S
	Glenbranter ...	9 9	120	5.7	-0.7	2.5	-1.6	11.1	8,11	-8.3	26	-	-	12.26	117	1.77	11	22	21	-	5	-	-	-	1	19	26	-	-	-
	Benmore Forestry Sch.	9 9	46	6.3	-0.3	3.0	-1.7	12.2	8,11	-6.7	26	3.4	6.0	10.90	106	2.05	11	21	19	3	4	0	0	0	3	20	22	0	-	-
	Younger Bot. Gdns.	9 9	40	6.4	0.2	3.3	-	12.8	11	-5.6	26	-	-	10.28	-	2.02	11	20	20	7	5	0	0	0	2	14	22	0	-	-
Bute	Rothesay ¶§	9 9	150	7.1	1.9	4.5	-0.8	12.8	8	-3.9	26	4.2	6.3	5.18	87	.66	11	21	19	3	0	1	1	0	0	4	12	0	-	-
	Millport ...	9 9	16	7.7	3.0	5.3	-	12.2	11	-2.2	26	-	-	5.34	111	.91	11	23	18	6	0	0	0	0	0	3	-	2	-	-
Dunbarton	Helensburgh ...	9 9	293	5.7	0.3	3.0	-1.2	10.6	7,8,11	-6.1	28	-	-	5.99	97	1.00	11	23	20	3	4	0	0	0	1	9	-	0	1.28	168
	Cumbernauld ...	9 9	310	4.9	-1.2	1.9	-	11.1	8,11	-13.3	28	-	-	4.87	-	.86	11	22	19	7	5	0	0	0	2	19	20	0	-	-
Stirling	Earls Hill ...	9 9	1100	3.4	-0.6	1.4	-	10.1	8	-8.3	28	-	-	7.43	-	1.76	11	23	18	-	-	-	-	-	3	21	21	-	1.15	-
	Stirling	9 9	151	6.3	0.3	3.3	-1.0	12.2	11	-7.8	28	3.6	7.8	4.71	125	.99	11	21	17	5	5	0	2	0	2	9	23	1	1.10	-
	Falkirk	9 9	100	6.1	-0.4	2.9	-1.3	11.7	8,11	-10.0	28	-	-	4.51	-	.65	11	22	17	-	-	-	-	-	-	16	-	-	-	-
Renfrew	Greenock ...	9 9	200	6.6	1.7	4.1	-1.1	11.7	8,11	-6.1	28	-	-	8.34	119	1.71	11	25	20	5	4	0	0	0	2	5	21	0	0.91	- S
	Paisley	9 9	106	6.0	1.2	3.6	-1.2	11.7	8	-5.0	28	4.3	7.4	6.07	131	1.26	11	22	18	5	2	3	0	0	3	7	19	0	1.12	153
	Barrhead ...	9 9	97	6.2	0.2	3.2	-	11.7	7,8,11	-8.9	28	-	-	6.64	-	1.28	11	23	18	3	2	1	0	0	1	14	18	0	-	-
	Renfrew ¶§	21-9	26	6.3	1.1	3.7	-0.7	12.1	7	-8.0	28	-	-	4.94	118	1.05	11	21	17	7	2	4	1	0	1	10	17	0	1.27	153
Lanark	Crossmyloof ...	9 9	75	6.2	0.2	3.2	-	12.2	8	-6.7	28	-	-	5.14	-	1.10	11	23	16	6	4	0	0	0	0	13	20	0	1.15	-
	Thorntonhall ...	9 9	453	5.3	0.2	2.7	-	11.1	8,11	-6.1	26	-	-	5.92	-	1.39	11	21	17	3	3	0	0	0	-	12	24	0	-	-
	Glasgow, Springburn	9 9	351	5.3	0.3	2.8	-0.9	11.1	8	-7.2	28	-	-	4.46	117	.80	11	21	15	5	4	0	1	0	0	13	22	0	1.16	184
	Coatbridge ...	9 9	256	5.8	0.1	2.9	-	11.7	8,11	-6.7	26,28	-	-	4.33	-	.79	11	20	14	7	4	2	1	0	0	15	-	0	-	-
	Happendon Station	21-9	675	4.8	-2.2	1.3	-	11.5	11	-11.5	28	2.8	-	5.46	-	.91	11	22	17	13	4	0	0	0	0	22	24	5	1.16	-
	Lowther Hill ...	21-9	237	1.8	-3.4	-0.8	-	7.5	11	-9.1	4	-	-	-	-	-	-	-	-	18	-	0	0	0	22	29	-	14	.49	-
	Leadhills ...	9 9	1270	3.6	-1.9	0.9	-	10.0	11	-11.7	26	-	-	7.15	-	1.51	7	22	20	11	11	0	1	0	2	18	20	1	-	-
	Carnwath ...	9 9	706	4.4	-1.9	1.3	-	10.6	11	-12.2	26	-	-	4.26	-	.64	7	23	17	9	5	2	1	0	1	20	26	6	-	-
	Camps Reservoir	9 9	969	4.3	-1.9	1.2	-	11.1	6,11	-10.6	28	-	-	5.93	-	1.11	7	21	19	6	7	0	0	0	2	19	-	4	-	-
Ayr	Turnberry ...	9 9	25	7.1	2.0	4.5	-1.1	11.7	7,11	(-3.9)	26	-	-	4.88	-	.78	11	20	17	1	0	2	0	0	0	7	-	0	1.44	- S
	Largs	9 9	20	7.6	1.9	4.7	-0.7	12.8	12	-3.9	26	-	-	5.41	-	.80	11	22	20	2	1	0	0	0	5	5	17	0	1.05	-
	Barr	9 9	400	5.7	-0.1	2.8	-	11.1	11	-7.8	26	-	-	7.15	-	1.01	11	21	18	4	3	0	1	0	1	12	-	0	-	-
	Auchincruive ...	9 9	147	6.5	1.0	3.7	-0.9	11.7	6,8,11	-5.6	26	5.1	7.7	4.26	107	.76	11	21	18	3	0	1	0	1	0	12	24	2	1.47	134
	Prestwick Airport	21-9	51	6.2	1.4	3.8	-	12.4	11	-6.4	26	-	-	4.19	112	.79	11	21	16	4	1	1	0	1	0	10	18	1	1.40	-
	Kilmarnock ...	9 9	115	6.5	0.6	3.5	-0.9	11.7	7,8,11	-5.6	25,26	3.9	7.8	4.61	-	.71	11	21	17	0	0	0	0	0	0	11	22	0	1.30	135
Dumfries	Dalmacallan ...	9 9	480	5.1	-1.1	2.0	-	11.1	11	-11.1	28	-	-	8.63	-	1.64	7	20	16	9	3	0	0	0	3	16	24	0	-	-
	Dumfries ¶§	9 9	140	6.3	-0.9	2.7	-1.6	12.2	11	-10.6	28	4.6	7.2	6.06	142	1.15	11	18	16	1	-	1	0	0	3	15	22	1	1.38	125
	Eskdalemuir Obs'y. ¶§	21-9	794	4.0	-0.9	1.5	-1.4	10.4	12	-14.6	28	4.8	7.1	8.60	137	1.47	7	23	20	17	8	2	1	0	2	17	22	4	1.10	96
Kirkcudbright	Bargrennan ...	9 9	360	6.1	-0.4	2.9	-	10.6	7,8,11	-7.8	26	-	-	7.16	-	1.25	11	22	18	7	0	0	1	0	0	15	28	0	-	-
	Palnure	9 9	50	6.9	-1.1	2.9	-	11.1	6,7,8	-7.8	26	-	-	6.34	-	1.03	29	17	16	3	0	0	0	0	0	18	23	0	-	-
	Clatteringshaws	9 9	585	-	-	-	-	-	-	-	-	-	-	10.32	-	2.02	11	19	17	-	-	-	-	-	-	-	-	-	1.33	-
	Glenlee	9 9	181	6.6	-1.5	2.5	-1.5	12.2	8	-11.7	28	-	-	8.58	-	1.79	11	20	16	5	3	0	0	0	0	20	22	3	-	-
	Dundeugh ...	9 9	390	5.8	-1.7	2.1	-	11.7	11	-13.3	28	5.3	-	8.53	-	1.61	11	18	17	8	4	0	0	0	0	18	-	2	-	-
	Glenlochar Barrage	9 9	154	6.2	-0.8	2.7	-	11.7	11	-8.9	28	-	-	7.60	-	1.66	11	20	18	-	2	-	-	-	1	18	-	-	-	-
	Threave ...	9 9	240	5.8	-0.6	2.6	-	11.1	11	-9.4	28	-	-	7.22	-	1.45	11	19	14	3	3	1	0	0	1	17	23	0	-	-
	Castle Douglas ...	9 9	196	6.2	-1.3	2.5	-	11.7	6	-10.6	28	4.2	-	6.64	-	1.30	11	17	15	-	3	-	-	-	4	19	26	-	1.63	- S
Wigtown	West Freugh ...	21-9	50	7.3	1.4	4.3	-	11.8	11	-4.6	26	-	-	5.24	118	.80	28	19	15	-	-	-	-	-	-	7	-	-	2.04	-
	Penwhirn ...	9 9	546	5.7	0.2	2.9	-	10.6	11	-7.8	28	-	-	6.57	-	.85	11	18	17	2	1	0	0	0	1	10	23	1	1.38	-
	Mull of Galloway	21-9	257	6.8	3.9	5.3	-	11.4	11	-0.5	25,26	-	-	-	-	-	-	-	-	1	0	0	0	0	0	2	-	13	-	-
6b	ISLE OF MAN																													
Isle of Man	Ronaldsway ...	21-9	55	7.7	3.0	5.3	-	12.1	7	-5.1	26	-	-	5.45	145	.74	7	21	18	5	0	1	2	0	0	6	13	8	1.71	-
	Douglas	9 9	284	7.3	2.7	5.0	-1.1	11.7	7,11	-2.8	28	-	-	6.64	136	.99	11	19	16	3	0	3	0	0	0	4	13	3	1.85	128
	Point of Ayre ...	21-9	30	7.5	3.9	5.7	-	12.6	11	-4.5	28	-	-	3.67	109	.59	7	17	15	1	0	1	1	0	0	1	-	6	1.74	-
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	660	4.6	-2.4	1.1	-	10.6	7,8,11	-14.4	28	3.7	-	9.55	219	2.21	8	24	18	4	5	0	2	1	5	20	27	0	-	-
	Bellingham ...	9 9	849	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
2	ENGLAND, N.E.—cont.																													
Northumberland cont.	Haydon Bridge	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Corbridge ...	9 9	160	6.1	-2.2	1.9	-	12.8	6	-10.6	28	-	-	2.14	-	.42	8	17	12	5	0	0	0	0	0	20	23	2	-	-
	Berwick-on-Tweed	9 9	76	6.3	0.8	3.5	-1.2	12.8	11	-6.1	26,28	-	-	1.56	92	.45	12	15	9	2	0	2	1	1	1	14	20	3	1.39	95
	Cockle Park ¶§	9 9	326	5.7	0.1	2.9	-1.1	12.2	11	-6.7	26	3.3	-	2.01	80	.46	8	17	10	2	5	0	2	0	0	12	20	1	1.59	104
	Acklington ...	21-9	138	5.5	0.5	3.0	-	12.5	11	-8.2	26	-	-	1.98	-	.45	12	15	12	9	3	0	6	0	0	17	21	1	1.46	-
	Tynemouth ...	21-9	95	5.8	1.7	3.7	-1.7	12.7	6,12	-5.7	26	-	-	1.83	77	.48	12	18	11	6	3	3	0	0	0	10	18	2	1.29	121
Durham	Chopwellwood ...	9 9	446	5.4	-0.8	2.3	-1.7	12.2	6	-6.7	26,28	-	-	2.32	92	.47	29	21	14	4	3	0	0	0	0	18	26	1	-	- S
	Ushaw College ...	9 9	594	4.8	-0.8	2.0	-1.8	11.1	6,8	-8.3	26	-	-	2.47	98	.53	12	16	14	4	6	0	0	0	11	17	-	3	-	-
	Houghall ...	9 9	123	6.1	-1.8	2.1	-1.8	12.8	8	-11.7	26	-	-	2.04	85	.54	12	18	15	3	5	0	0	0	2	19	23	0	1.26	106
	Durham ¶§	9 9	336	5.6	-1.3	2.1	-2.0	12.2	8	-9.4	26	3.9	7.6	2.15	94	.50	12	21	15	-	6	-	-	-	-	19	25	-	1.44	101
	Gateshead ...	9 9	509	5.3	0.3	2.8	-	12.2	6,11,12	-6.1	26	-	-	1.88	-	.53	12	19	12	-	5	-	-	-	1	13	17	-	1.53	-
	Middleton St. George	21-9	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	West Hartlepool	9 9	30	6.5	0.3	3.4	-	12.8	6,8	-7.8	26	-	-	2.42	-	.90	12	19	14	3	5	1	0	0	4	15	20	0	.86	-
Yorks., N. Riding	Dishforth ...	21-9	105	5.0	0.4	2.7	-1.6	12.5	9	-8.4	26	-	-	1.75	80	.54	8	18	8	4	3	1	1	1	4	16	19	2	1.52	99
	Thirsk	9 9	111	5.5	-1.4	2.1	-	12.2	8,12	-10.0	26	-	-	1.43	-	.36	8	18	10	4	2	1	0	1	5	20	24	0	-	-
	York ... ¶§	9 9	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ampleforth ...	9 9	313	5.7	-0.7	2.5	-1.5	12.8	8	-7.8	26,27	-	-	1.83	70	.63	8	18	13	4	-	1	0	1	3	18	24	1	-	- S
	Redcar	9 9	25	7.1	1.2	4.1	-	12.8	6,8,12	-7.8	26	-	-	2.40	119	1.03	12	18	14	4	5	0	2	0	0	10	-	4	1.11	-
	Pickering ...	9 9	143	5.4	-1.6	1.9	-	12.2	8,12	-14.4	26	-	-	2.62	-	.64	8	25	14	4	6	0	0	1	7	20	21	0	-	-
	Whitby	9 9	135	6.8	0.2	3.5	-	12.8	8,12	-9.4	26,27	-	-			.63	12			5	5	1	0	0	4	13	-	0		
	Scarborough ¶§	9 9	118	6.4	1.2	3.8	-1.5	12.2	8,12	-6.1	26,27	5.1	8.1	2.78	113	.50	8	21	19	6	5	0	0	0	1	9	16	3	1.17	98 S
	Silpho Moor ...	9 9	665	5.7	-0.8	2.5	-	11.1	12	-7.2	26	3.8	-	3.63	-	.60	12	26	19	5	6	0	1	0	2	21	25	0	1.68	-
	Whitby C/Guard	21-9	200	6.1	1.4	3.7	-	12.7	9	-9.2	26	-	-	1.74	-	.61	12	16	8	5	5	3	1	1	0	9	14	6	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	5.0	-0.6	2.2	-	11.7	12	-11.1	26	3.3	-	2.00	67	.54	8	22	12	-	6	-	-	-	1	13	24	0	1.79	-
	Hull	9 9	8	6.4	0.6	3.5	-1.4	13.9	8	-7.8	26	4.2	7.7	1.30	58	.27	12	20	12	3	5	0	1	0	2	14	22	1	1.35	130
	Leconfield ...	21-9	24	5.6	0.9	3.3	-	13.5	8	-7.5	26	-	-	1.43	-	.27	8	16	10	10	5	0	2	1	4	11	21	1	1.49	-
	Filey	9 9	122	6.2	-0.3	2.9	-	12.2	8,12	-11.1	27	-	-	1.65	-	.35	24	18	9	5	6	0	3	1	3	16	19	1	.90	
	Bridlington ...	9 9	157	6.4	-0.4	3.0	-	12.8	8,12	-10.6	26	-	-	2.54	-	.64	25	23	14	4	6	0	6	1	3	15	17	3	1.79	-
	Spurn Head ...	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Gainsborough ...	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Navenby ...	9 9	60	5.6	0.9	3.3	-	14.4	8	-9.4	26	-	-	1.14	-	.30	12	17	10	4	3	0	0	0	6	18	-	1	-	-
	Waddington ...	21-9	224	5.1	0.7	2.9	-1.3	13.9	8	-8.6	16	-	-	1.06	-	.26	12	17	8	8	4	1	0	0	6	11	19	1	1.72	-
	Lincoln	9 9	22	5.8	-1.1	2.3	-	13.9	8	-8.9	26	4.9	7.3	1.12	-	.25	12	19	10	1	0	0	0	0	6	19	24	0	1.30	-
	Cranwell ¶§	9 9	205	6.2	-0.3	2.9	-1.3	14.0	8	-7.7	16,29	3.7	6.8	.97	51	.24	12	13	9	6	3	0	1	0	2	17	21	0	1.95	124
	Binbrook ...	21-9	353	5.2	0.9	3.1	-	13.3	8	-7.6	26	-	-	1.64	-	.25	12	22	14	9	6	0	5	0	2	13	21	0	-	-
	Cleethorpes ...	9 9	23	6.7	0.8	3.7	-1.1	13.9	8	-7.2	26	-	-	1.58	77	.42	8	16	13	3	5	0	0	0	3	13	20	2	1.73	121
	Manby	21-9	55	5.8	1.0	3.4	-	13.8	9	-9.3	29	-	-	1.82	-	.28	24	20	14	7	5	0	1	0	3	11	18	0	1.80	-
	Skegness ...	9 9	15	6.7	0.1	3.4	-1.3	13.3	8,9	-7.8	26	-	-	2.11	105	.65	24	17	14	4	5	0	0	0	2	17	-	0	1.56	105
3	ENGLAND, E.																													
Norfolk	Terrington St. Clement ...	9 9	13	6.3	0.0	3.1	-	13.9	8,9	-9.4	29	4.4	-	1.13	66	.18	5	17	10	3	6	0	0	0	5	16	20	2	1.49	-
	Marham ...	21-9	76	5.5	0.8	3.1	-	14.3	9	-11.1	29	-	-	1.86	-	.39	24	15	13	5	5	0	0	0	3	13	18	0	-	-
	Santon Downham	9 9	80	6.4	-1.0	2.7	-	15.0	8	-8.3	26	4.3	6.9	1.39	-	.28	7	14	10	-	7	-	-	-	2	22	24	-	1.35	-
	West Raynham ...	21-9	250	5.3	0.8	3.1	-	13.6	8	-10.2	29	-	-	2.16	-	.34	24	18	15	8	6	0	3	0	3	16	20	0	1.40	-
	Cromer	9 9	178	7.1	1.4	4.3	-0.7	14.4	8,9	-8.3	29	-	-	2.67	104	.52	3	19	14	-	5	-	-	-	1	8	19	-	1.12	70
	Sprowston ¶§	9 9	93	6.6	0.3	3.5	-1.1	13.9	8,9	-8.3	29	5.4	-	2.33	102	.51	25	17	13	4	5	0	1	1	1	15	24	2	.96	69 S
	Coltishall ...	21-9	55	6.3	1.1	3.7	-	14.0	8,9	-13.6	27	-	-	2.76	-	.43	25	21	13	9	7	1	0	0	1	13	20	0	-	-
	Burlingham ...	9 9	89	6.6	0.6	3.6	-	13.9	8	-10.6	27	-	-	2.31	102	.50	25	20	13	7	7	0	0	0	2	13	21	2	1.02	-
	Gorleston ¶§	21-9	12	6.4	2.6	4.5	-0.8	14.0	9	-6.2	29	5.7	7.9	3.69	171	.73	3	19	16	7	6	0	2	0	1	7	9	2	1.15	77
Suffolk	Mildenhall	21-9	15	5.7	1.2	3.5	-1.2	14.8	9	-8.1	29	-	-	1.47	82	.30	7	14	11	5	5	0	2	0	4	14	21	0	1.65	11 6
	East Bergholt ...	9 9	14	6.7	0.5	3.6	-	13.9	8	-9.4	29	-	-	1.35	-	.23	29	20	10	4	0	0	0	0	4	14	22	0	-	-
	Wattisham ...	21-9	292	4.9	0.7	2.8	-	13.4	8	-7.6	29	-	-	1.49	-	.27	29	16	11	5	5	1	0	1	4	17	21	1	-	-
	Aldeburgh ...	21-9	15	5.8	2.5	4.1	-	12.0	13	-5.9	29	-	-	-	-	-	-	-	-	4	-	2	0	0	2		-	2	-	-
	Lowestoft ...	9 9	82	6.7	0.3	3.5	-1.3	13.3	8,9	-10.0	29	4.9	7.1	3.07	140	.36	24	19	17	8	6	0	0	0	1	17	17	0	.86	53
Cambridge	Boxworth ...	9 9	157	6.2	-0.2	3.0	-	13.9	8	-6.7	26,27,29	-	-	1.12	65	.37	7	12	9	2	5	0	0	0	3	18	22	1	1.64	-
	Cambridge Bot. Gdn. ¶	9 9	41	6.6	-0.2	3.2	-1.3	14.4	8,9	-9.4	29	4.5	7.7	1.79	108	.47	7	13	11	-	5	0	0	0	1	16	25	-	-	-
	* Cambridge N.I.A.B. §	9 9	85	6.5	0.1	3.3	-	14.4	8	-8.3	29	-	-	1.47	90	.35	7	15	10	4	6	0	0	0	5	7	21	2	1.57	117
Huntingdon	Monkswood ...	9 9	103	6.3	-0.7	2.8	-	13.9	8	-9.4	29	4.3	-	.99	-	.20	7	12	9	3	5	0	0	0	1	19	22	0	-	-
	Wyton	21-9	129	5.8	1.1	3.5	-	14.5	9	-6.7	29	-	-	.85	-	.17	12	13	9	8	1	0	0	0	4	15	17	0	-	-
Bedford	Woburn	9 9	291	6.2	0.0	3.1	-1.1	13.9	8	-8.9	29	4.6	9.1	1.57	76	.24	12	18	10	3	1	0	0	0	3	17	22	4	1.54	107 S
	Luton	9 9	379	5.8	-0.3	2.7	-1.6	13.3	8	-10.0	29	5.1	8.0	1.56	71	.26	12	15	12	-	3	-	-	-	2	20	21	-	1.56	119
	Silsoe	9 9	195	6.3	0.1	3.2	-	13.9	8,9	-8.3	29	4.9	8.3	1.37	78	.35	7	15	10	1	1	0	0	0	3	16	21	1	1.43	-
	Cardington ...	21-9	93	6.0	1.1	3.5	-	14.4	8	-9.1	29	4.9	8.3	1.30	77	.32	7	15	9	5	0	0	1	0	3	14	20	1	1.44	-
	Letchworth ...	9 9	209	6.4	-0.2	3.1	-	13.9	8,9	-8.9	29	-	-	1.40	-	.47	7	16	9	-	-	-	-	-	-	18	20	-	-	-
Hertford	Bovingdon ...	21-9	516	5.5	0.9	3.2	-	13.3	8	-10.3	29	-	-	2.84	-	.49	7	17	11	4	3	1	0	0	5	15	18	0	-	-
	Garston ...	9 9	256	6.4	0.1	3.1	-	13.9	8	-10.6	29	-	-	2.31	-	.47	12	17	12	3	4	0	2	1	1	15	20	0	1.65	-
	Rothamsted ¶§	9 9	420	5.9	-0.6	2.7	-1.2	13.3	8	-12.8	29	4.7	8.3	2.16	86	.39	12	17	12	8	3	0	0	0	4	16	20	0	1.48	101
	St. Albans ...	9 9	272	6.3	0.0	3.1	-1.0	13.9	8	-11.1	29	4.8	-	1.91	82	.36	12	18	12	1	3	0	0	0	1	15	20	2	1.70	-
	Stanstead Abbotts	9 9	97	6.6	0.3	3.1	-	14.4	8	-12.2	29	6.4	8.8	1.44	-	.30	12	15	9	-	5	-	-	-	2	14	20	-	-	-
	Hoddesdon ...	9 9	153	6.6	-0.1	3.3	-	14.4	8	-11.1	29	4.4	-	1.65	-	.33	7	16	11	3	5	0	0	0	-	16	19	2	1.54	-
	Eastwick Lodge	9 9	137	6.4	-0.3	3.1	-	14.4	8	-12.2	29	-	-	1.42	69	.23	12	16	11	-	3	-	-	-	1	17	-	-	-	-
Essex	Stansted ...	9 9	331	5.2	0.9	3.1	-	13.7	8	-8.9	29	-	-	1.78	-	.33	7	15	14	9	5	1	0	0	4	16	20	0	-	-
	Writtle	9 9	105	6.7	0.3	3.5	-	13.9	8	-12.2	29	5.1	-	1.29	57	.25	29	16	11	5	5	0	0	0	2	17	23	0	1.35	-
	Coryton ...	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Southend ...	9 9	90	6.4	1.5	3.9	-	12.2	8,9,12	-5.0	26,29	-	-	1.11	59	.31	9	16	6	4	1	0	0	0	4	10	12	1	1.26	88
	Maldon	9 9	14	6.7	0.8	3.7	-	13.9	8	-11.7	29	-	-	1.21	-	.23	30	18	10	7	-	0	0	0	4	12	-	0	-	-
	Earls Colne ...	9 9	160	6.7	0.3	3.5	-	14.4	9	-7.8	29	4.9	8.2	1.31	60	.18	29	12	11	-	1	-	-	-	3	14	22	-	-	-
	Shoeburyness ¶§	21-9	7	6.3	2.6	4.5	-0.7	13.5	8	-5.0	29	-	-	1.43	80	.33	9	17	11	5	1	0	0	0	3	11	15	7	1.13	78
	Clacton-on-Sea ...	9 9	53	6.4	1.5	3.9	-	11.7	13	-5.0	29	5.1	8.3	1.49	75	.27	9	13	9	1	0	0	0	0	1	10	12	1	.96	61
	Walton-on-Naze	21-9	15	5.7	2.5	4.1	-	12.0	8	-5.5	29	-	-	1.44	-	.28	21	13	9	5	1	1	1	0	1	8	10	2	1.18	-
	Dovercourt ...	9 9	11	6.7	1.4	4.1	-0.8	12.8	8	-3.9	26,27,29	-	-	1.42	-	.26	21	14	12	1	-	0	0	1	2	8	21	0	-	-
4	MIDLAND COUNTIES																													
Yorks., W. Riding	Slaidburn ...	9 9	629	5.2	-0.8	2.2	-	11.1	8	-9.4	26	-	-	10.18	-	2.36	8	19	16	2	3	2	0	1	1	15	22	0	1.34	-
	Malham Tarn ...	9 9	1297	3.7	-1.3	1.2	-	9.4	8,12	-8.9	26	3.7	-	7.37	125	1.55	8	20	18	7	6	3	0	1	6	18	26	2	-	-

* National Institute of Agricultural Botany

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·2mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks., W. Riding—cont.	Huddersfield §	9 9	325	6.2	0.1	3.1	-1.3	12.8	8,12	-7.2	26	3.9	7.3	4.53	-	1.26	12	20	14	-	3	-	-	-	8	15	21	-	1.40	194
	" Oakes	21-9	761	4.7	0.5	2.6	-1.4	11.7	8	-7.1	26	4.2	6.8	6.54	194	1.90	12	24	14	3	3	2	2	1	3	13	21	5	1.59	147
	Bradford ¶	9 9	439	5.4	-0.2	2.6	-1.6	12.2	8,12	-7.2	26	3.9	7.3	4.29	142	.93	8	22	16	4	3	1	2	1	3	15	23	0	-	- S
	Ilkley	9 9	315	6.1	-0.1	3.0	-1.1	12.2	8,12	-7.8	26	-	-	3.72	104	.94	8	16	16	3	3	1	1	1	2	16	-	0	1.06	95
	Sheffield ...	9 9	429	6.3	0.4	3.3	-1.6	13.3	8,12	-5.0	29	4.7	8.0	3.69	127	1.30	12	18	14	3	2	0	0	0	-	16	25	0	1.98	202
	Wakefield ...	9 9	121	6.4	0.1	3.3	-1.2	13.9	8	-10.0	26	4.8	7.5	1.50	71	.28	8	17	13	1	3	0	1	1	11	16	25	0	-	- S
	Pontefract ...	9 9	255	6.0	0.3	3.1	-1.3	13.9	8	-6.7	26	-	-	1.01	53	.21	29	16	8	2	3	0	0	0	16	13	14	0	-	-
	Bramham ...	9 9	177	5.5	-0.7	2.4	-	12.8	8,12	-7.8	26	-	-	1.61	65	.27	8	20	12	3	3	0	1	1	5	17	23	0	1.19	-
	Cawood	9 9	20	5.9	-0.7	2.6	-	13.9	8	-9.4	26	3.7	6.8	1.01	49	.20	8	14	7	2	2	0	1	1	4	17	22	0	1.28	-
	Askham Bryan ...	9 9	110	5.6	-0.9	2.3	-	12.8	12	-7.2	26,27	-	-	1.46	88	.30	8	15	14	2	3	0	0	0	6	21	25	0	1.18	100
Derby	Buxton	9 9	1007	4.6	-0.9	1.9	-1.4	12.2	8	-10.0	26	2.9	5.9	7.63	158	2.81	12	20	20	5	5	0	0	0	8	16	20	4	-	-
	Chapel en le Frith	9 9	732	5.5	-1.1	2.2	-	12.8	8	-11.1	26	-	-	5.83	-	2.48	12	18	16	5	3	1	0	0	4	17	22	0	-	-
	Mackworth ...	9 9	293	5.9	-0.9	2.5	-	13.3	8	-10.0	29	-	-	2.85	-	.71	12	16	15	3	3	2	0	0	4	18	21	0	-	-
	Belper	9 9	203	6.3	-0.4	2.9	-1.5	13.3	8	-7.2	29	-	-	-	-	-	-	-	-	1	3	0	0	0	-	17	-	0	-	-
	Derby	9 9	159	6.5	0.1	3.3	-	13.9	12	-7.2	26,29	-	-	2.68	-	.68	12	18	13	3	3	0	0	0	6	15	24	0	1.29	-
	Morley	9 9	350	5.7	-0.3	2.7	-	12.8	8,9,12	-7.8	26,29	-	-	2.89	94	.73	12	13	13	2	3	0	0	0	-	14	23	0	1.56	- S
	Chesterfield ...	9 9	298	6.1	-0.3	2.9	-	13.3	8	-7.2	26	-	-	2.90	-	1.07	12	18	14	3	3	1	0	0	3	15	-	0	-	-
Nottingham	Sutton Bonington	9 9	157	6.4	-0.7	2.9	-1.5	13.9	8,9	-8.9	29	5.0	7.6	2.24	116	.66	12	18	11	3	3	0	0	0	4	17	24	0	1.60	144
	Watnall	21-9	385	5.2	0.8	3.0	-	12.9	8	-7.9	29	-	-	2.87	123	.83	12	19	13	4	3	1	0	0	6	12	21	0	1.38	112
	Nottingham Training College ...	9 9	159	6.7	-0.4	3.1	-	13.9	8	-7.2	29	-	-	2.02	-	.60	12	10	10	-	-	-	-	-	7	16	23	-	.74	
	Mansfield ...	9 9	362	5.8	0.1	2.9	-1.4	12.8	8	-7.2	29	3.8	-	2.69	110	.74	12	18	13	1	3	1	0	0	6	14	23	0	-	-
	Nottingham ¶§	9 9	192	6.5	0.0	3.3	-1.4	13.3	8	-7.2	26,29	3.9	7.2	1.73	85	.50	12	14	12	1	3	0	0	0	7	16	19	0	1.23	118
	Warsop	9 9	150	6.1	-1.1	2.5	-	13.9	8	-12.2	29	-	-	1.02	51	.22	12	17	11	-	3	-	-	-	7	19	22	-	1.50	-
	Finningley ...	21-9	34	6.0	1.1	3.9	-0.7	14.3	12	-7.7	29	-	-	1.21	-	.37	12	14	8	4	3	0	0	0	5	11	21	0	1.62	- S
Leicester	Newtown Linford	9 9	392	5.9	-0.9	2.5	-	13.3	8,9	-10.5	29	-	-	2.13	-	.47	12	17	13	2	3	0	0	0	4	17	21	0	1.83	-
	Caldecott ...	9 9	175	6.5	-1.9	2.3	-	13.9	8	-15.5	29	-	-	1.52	-	.24	7,30	11	10	-	3	-	-	-	4	21	21	-	1.42	-
Northampton	Bugbrooke Mills	9 9	228	6.3	-0.9	2.7	-	13.9	8	-12.8	29	4.5	8.0	1.56	-	.32	7	16	10	2	3	0	0	0	7	17	-	0	1.77	-
	Raunds	9 9	193	6.1	-0.5	2.8	-	13.9	8,9	-10.0	29	4.3	8.5	1.32	69	.22	12	18	13	3	3	0	0	0	4	18	21	0	1.45	- S
	Wittering ...	21-9	212	5.8	0.8	3.3	-	13.8	8	-10.2	29	-	-	1.22	-	.22	30	14	12	5	3	0	3	0	1	13	20	2	1.96	-
Warwick	Birmingham K.E.S.*	9 9	450	6.2	-0.1	3.1	-	12.8	8,12	-7.8	29	-	-	2.94	-	.87	12	18	14	3	3	1	1	0	6	18	-	0	-	-
	Edgbaston ¶§	21-9	536	5.4	1.4	3.4	-1.3	12.5	8	-7.0	29	5.9	8.7	2.96	110	.95	12	19	13	4	3	1	0	0	6	12	18	0	1.71	140
	Luddington ...	9 9	138	6.3	-0.5	2.5	-	14.5	8	-9.5	29	-	-	2.03	107	.47	7	18	12	2	3	0	0	0	5	19	21	0	1.46	-
	Stratford on Avon	9 9	160	6.3	-0.9	2.7	-	14.5	8	-10.5	29	4.5	-	2.04	89	.46	12	18	11	1	0	0	0	0	6	19	22	0	1.40	-
	Elmdon	21-9	319	5.4	0.4	2.9	-	13.3	8	-9.8	28	-	-	2.49	103	.76	12	19	14	5	3	0	0	0	6	15	20	1	1.53	-
	Shipston on Stour	9 9	365	6.0	-0.6	2.7	-	13.3	8,12	-9.5	29	5.0	-	2.27	-	.65	7	18	10	3	3	0	0	0	2	17	24	-	1.36	-
	Wellesbourne ...	9 9	153	6.1	-0.8	2.7	-	12.8	12	-9.5	29	-	-	2.11	105	.49	7	20	11	3	0	1	0	0	-	18	24	2	1.45	-
	Moreton Morrell	9 9	280	6.1	-0.5	2.8	-	13.9	8,9	-8.9	29	-	-	1.93	-	.39	7	18	9	5	3	0	0	0	4	16	23	4	1.44	-
	Coventry ...	9 9	338	5.9	-0.9	2.5	-1.7	13.3	8	-11.1	26	-	8.2	2.02	89	.47	12	17	11	2	-	0	0	0	4	17	-	0	.46	44
	Rugby	9 9	385	5.7	-0.7	2.5	-1.5	13.8	8	-7.8	26	3.2	8.8	1.93	-	.56	12	14	10	3	3	0	0	0	-	15	23	0	-	-
Oxford	Oxford ¶§	9 9	208	6.8	0.7	3.7	-1.2	14.5	8	-6.7	29	4.5	8.1	1.71	75	.25	9	15	10	3	3	0	0	0	5	13	21	0	1.65	101
	Grendon Underwood	9 9	220	6.9	-1.3	2.8	-	13.9	8	-12.2	29	4.5	8.3	1.63	-	.20	29	16	12	1	0	0	0	0	-	17	22	0	1.34	-
Buckingham	Medmenham	9 9	98	7.2	-1.0	3.1	-	14.5	8	-11.7	29	-	-	2.28	-	.44	7	17	14	-	-	-	-	-	-	18	24	-	-	- S
	Aylesbury ...	9 9	316	6.2	-0.9	2.7	-	13.9	8	-9.5	29	-	-	2.10	93	.40	7	16	13	1	3	0	0	0	5	19	24	3	1.05	-
Stafford	Keele	9 9	587	5.6	-0.5	2.5	-	13.3	8	-8.3	29	3.7	7.3	2.89	99	1.25	12	20	15	4	3	1	0	0	5	15	23	1	1.99	-
	Oaken	9 9	409	5.6	-1.3	2.1	-	12.8	6,8,12	-8.9	29	4.0	-	2.69	-	.77	12	14	14	-	-	-	-	-	-	21	-	-	-	-
	Stone	9 9	350	5.7	-1.4	2.1	-	13.3	8	-10.0	29	-	-	3.56	-	1.15	12	19	17	3	3	0	0	0	7	20	25	0	1.29	-
	Penkridge ...	9 9	330	5.9	-0.9	2.5	-	12.8	6,8,12	-7.8	26,28,29	-	-	3.05	-	.97	12	21	15	3	2	0	0	0	9	18	24	0	-	-
	Onecote ...	9 9	1350	3.5	-1.5	1.0	-	10.5	8	-8.3	29	3.2	6.5	4.56	-	2.22	12	11	11	2	5	0	0	0	7	21	23	0	2.03	-
Shropshire	Oswestry ...	9 9	570	6.1	0.1	3.1	-	13.3	8	-7.2	29	-	-	5.01	-	1.51	12	21	15	3	3	3	0	0	3	11	22	0	1.74	-
	Church Stretton	-	582	-	-	-	-	-	-	-	-	-	-	3.55	106	.90	12	22	18	-	-	-	-	-	-	-	-	-	1.51	-
	Shrewsbury ...	9 9	184	6.5	-0.2	3.1	-1.7	14.5	12	-8.9	29	5.5	8.8	2.96	135	.90	12	23	16	4	3	0	3	0	7	16	21	4	1.85	130
	Shawbury ...	21-9	235	5.4	-0.2	2.6	-1.9	14.1	8	-10.8	28	-	-	2.96	134	1.00	12	20	15	7	3	1	1	0	9	16	21	0	1.60	- S
	Bridgnorth ...	-	245	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.92	-
	Newport ...	9 9	211	5.9	-0.9	2.5	-1.7	13.3	8,12	-8.3	28	-	-	2.84	134	1.20	12	19	14	3	3	1	0	0	5	19	24	5	.84	67 S
Worcester	Malvern	9 9	203	6.3	-0.1	3.1	-	13.9	8	-8.3	29	5.0	8.9	2.69	100	.52	12	23	14	5	3	0	0	0	9	16	22	1	1.43	85 S
	Worcester ...	9 9	190	6.2	-0.7	2.7	-	13.3	6,8	-9.5	29	-	-	2.53	118	.58	12	19	13	-	3	-	-	-	7	21	23	-	1.33	-
	Pershore Inst. of Hort.	9 9	130	6.4	0.1	3.3	-	13.9	8,9	-7.2	29	-	-	2.62	-	.43	12	19	14	-	3	-	-	-	5	17	26	-	1.28	-
	Pershore ...	21-9	114	5.7	0.6	3.1	-	13.7	9	-8.7	29	-	-	1.82	-	.38	12	18	9	5	3	0	0	0	7	16	18	5	1.39	-
	Halesowen ...	9 9	505	5.8	-0.9	2.5	-	12.8	12	-10.5	29	4.9	8.1	2.97	-	.85	12	18	13	5	3	0	0	0	4	18	22	0	1.37	-
Hereford	Lyonshall ...	9 9	510	5.9	0.1	3.0	-1.3	12.8	8,12	-7.2	16,28	-	-		-	.96	12			-	-	-	-	-	-	16	24	-	-	-
	Credenhill ...	9 9	246	6.6	-0.2	3.2	-	13.9	8	-7.2	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	-	-	-	-
	Ross-on-Wye ¶§	21-9	223	6.0	1.4	3.7	-1.6	13.5	8	-10.7	29	5.1	8.2	3.57	132	.54	12	20	12	4	3	0	0	0	6	14	20	0	1.42	88
	Preston Wynne ...	9 9	274	6.1	-0.5	2.8	-	13.9	12	-9.5	29	-	-	2.66	-	.33	8	20	13	4	3	0	3	0	4	16	23	1	1.67	-
Gloucester	Avonmouth ...	9 9	31	7.5	2.1	4.8	-	14.5	8	-5.0	29	-	-	-	-	-	-	-	-	1	1	0	0	0	8	9	14	0	-	-
	Filton	21-9	192	6.4	1.8	4.1	-1.3	14.2	8	-7.5	28,29	-	-	4.37	148	1.02	12	17	13	2	2	2	1	0	6	11	18	0	1.39	-
	Hempsted ...	9 9	39	6.4	0.0	3.2	-	13.9	8	-8.3	26	6.5	9.5	3.44	-	.73	12	22	13	5	0	0	0	0	10	16	18	1	1.22	-
	Gloucester ...	21-9	79	6.0	1.6	3.8	-	14.2	8	-7.8	26	-	-	3.42	-	.70	12	20	12	4	2	2	1	0	7	13	17	0	1.15	-
	Cheltenham ...	9 9	214	6.0	0.1	3.1	-1.8	13.9	8	-7.8	29	-	-	3.20	131	.74	7	21	15	-	-	-	-	-	-	12	-	-	1.25	-
	Cirencester ...	9 9	443	6.2	-0.2	3.0	-	12.8	8,12	-10.0	29	-	-	3.20	103	.75	12	18	16	2	3	0	0	0	4	17	21	-	1.88	-
	Little Rissington	21-9	740	5.0	0.9	2.9	-	12.2	8	-9.1	29	-	-	2.18	74	.53	12	15	10	6	3	0	3	0	4	16	18	1	1.92	-
5 ENGLAND, S.E.																														
London	Kensington Palace	9 9	81	7.3	1.7	4.5	-1.0	14.5	8,9	-6.1	29	5.5	8.7	1.35	61	.31	12	17	8	4	0	0	0	0	4	9	17	0	-	-
	Hampstead ...	9 9	450	6.1	0.9	3.5	-0.8	13.3	8,9	-6.1	26	-	-	1.33	55	.39	12	18	7	5	1	0	0	0	-	13	23	1	1.83	158
	St. James's Park	9 9	27	7.5	2.1	4.8	-1.0	13.9	8,9	-5.5	26,29	-	-	1.28	64	.31	12	14	7	0	-	0	0	0	-	9	17	0	-	-
	Regent's Park ...	9 9	129	7.2	1.7	4.5	-	14.5	8	-5.5	29	-	-	1.45	-	.37	12	17	8	-	1	-	-	-	1	10	21	-	1.26	147
	Camden Square	9 9	121	7.3	1.9	4.6	-0.9	14.5	8	-4.5	29	5.1	8.1	1.28	58	.34	12	15	8	-	1	-	-	-	-	11	-	-	-	-
	Kingsway ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.45	171
	Bunhill Row ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Greenwich ...	9 9	24	7.1	1.5	4.3	-	13.9	8	-6.7	29	-	-	1.19	60	.35	12	15	9	1	1	0	0	0	0	8	12	0	.73	82
Middlesex	London (Heathrow) Airport	21-9	82	6.5	2.2	4.3	-0.6	14.0	8	-7.1	29	-	-	1.18	56	.34	12	14	9	5	0	0	1	0	1	11	17	2	1.57	-
	Hampton ...	9 9	39	7.1	1.1	4.1	-	13.9	8	-6.7	29	-	-	1.33	-	.31	12	18	9	3	1	0	0	0	4	9	20	4	1.55	-
	Southgate ...	9 9	221	6.9	0.9	3.9	-	13.9	8,9	-6.1	29	5.5	-	1.46	-	.34	12	17	10	3	0	0	0	0	1	13	19	0	1.32	-
Surrey	Wisley	9 9	150	6.9	0.4	3.7	-1.0	13.9	8,9,13	-8.3	29	4.9	8.1	1.62	64	.36	12	16	12	4	0	0	0	0	3	6	24	3	1.51	122
	Mickleham ...	9 9	179	6.5	-0.5	3.0	-	13.3	8	-11.1	29	-	-	2.24	72	.43	12	15	13	1	3	0	1	0	4	20	24	1	-	-

* King Edward School

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.) Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n -01in.(0·2mm.) or more	-04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
5	ENGLAND, S.E.—cont.																													
Surrey	Kew Observatory ¶§	21-9	18	6.7	3.0	4.9	-0.5	14.1	8	-6.1	29	5.9	8.8	1.34	65	.35	12	13	9	2	0	0	0	0	2	9	17	0	1.61	126
—cont.	Gatwick ... §	21-9	192	6.2	0.9	3.5	-	12.8	8	-11.0	29	-	-	2.59	-	.40	12	17	14	5	3	0	0	0	1	16	21	1	1.49	-
	Waddon ...	9 9	220	6.9	0.8	3.9	-1.7	13.3	8	-6.7	26	-	-	1.74	63	.40	12	16	12	-	-	-	-	-	-	14	-	-	-	-
	Addington ...	9 9	474	5.9	0.5	3.2	-1.3	12.8	8	-6.1	26	-	-	2.01	70	.53	12	18	13	-	-	-	-	-	2	15	-	-	-	-
Kent	Bromley ...	9 9	213	6.4	0.9	3.7	-1.3	12.8	8,13	-8.3	29	-	-	2.26	96	.48	12	17	13	-	-	-	-	-	7	15	-	-	-	-
	Swanley	9 9	177	6.7	0.4	3.5	-	13.3	8	-10.0	29	5.5	-	1.53	-	.35	12	16	9	5	5	0	0	0	4	15	24	3	1.05	-
	Dartford ...	9 9	17	7.2	0.9	4.1	-	14.5	8	-8.3	29	-	-	1.42	71	.32	9	17	9	5	0	0	0	0	3	12	-	0	-	-
	Tunbridge Wells	9 9	351	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Goudhurst ...	9 9	280	6.2	-0.2	3.0	-	12.8	8	-10.6	29	-	-	3.54	103	.61	12	20	15	5	5	0	0	0	0	22	22	3	-	-
	East Malling ¶§	9 9	122	6.9	0.8	3.9	-0.8	13.9	8	-9.4	29	4.8	8.2	2.20	85	.48	12	20	10	5	4	0	0	0	4	15	19	0	1.27	96
	Gillingham ...	9 9	14	7.0	1.5	4.3	-	13.9	8	-6.7	29	-	-	2.00	-	.33	9	16	13	1	0	0	0	0	3	11	-	0	1.05	-
	Sittingbourne ...	9 9	224	6.9	0.9	3.9	-	13.3	8	-6.1	29	5.2	8.4	2.13	77	.29	14	20	14	3	0	0	0	0	2	12	20	4	1.20	
	Isle of Grain ...	9 9	9	7.5	2.0	4.7	-	13.9	8,12,13	-4.5	29	-	-	1.34	-	.30	9	15	10	-	-	-	-	-	3	9	15	-	1.13	-
	Faversham ...	9 9	157	6.6	0.9	3.7	-	13.3	8	-8.9	29	5.7	8.3	2.15	-	.34	29	20	12	3	1	0	1	0	3	14	19	2	1.34	-
	Dungeness ...	21-9	10	7.2	1.8	4.5	-1.2	12.4	8	-8.2	29	-	-	2.79	109	.49	30	19	14	5	0	0	0	0	1	10	-	9	-	-
	Wye	9 9	185	6.6	1.1	3.9	-0.7	12.8	8,13	-10.0	29	-	-	2.48	80	.41	9	20	16	0	4	0	0	0	0	14	21	0	1.34	88
	Whitstable ...	9 9	9	7.3	2.1	4.7	-	13.3	8	-6.7	29	-	-	1.62	82	.27	9	18	15	4	1	1	0	0	2	8	-	6	1.25	-
	Folkestone ...	9 9	128	7.1	2.5	4.8	-	11.7	8,12,13	-3.9	26,29	-	10.0	3.06	116	.46	9	22	16	4	1	0	0	0	0	7	10	7	1.19	-
	Elmstone ...	9 9	28	6.7	1.3	4.0	-	12.8	12	-8.3	29	-	-	2.02	-	.27	20	21	15	-	0	-	-	-	1	13	11	-	-	-
	Herne Bay ...	9 9	21	7.5	2.7	5.1	-	13.9	8	-5.0	29	-	-	1.50	71	.23	9	18	14	3	0	1	0	0	2	7	-	0	1.12	-
	Dover	9 9	19	7.5	2.9	5.2	-0.6	12.2	8,9,13	-6.1	29	6.7	9.3	3.64	125	.55	14	21	16	4	1	0	0	0	3	6	11	7	1.41	-
	Deal	21-9	18	6.8	3.5	5.1	-	12.8	13	-4.5	29	-	-	2.76	-	.42	9	20	16	4	0	0	0	0	3	8	8	1	-	-
	Manston ...	21-9	145	6.4	2.6	4.5	-	12.8	13	-7.0	29	-	-	1.61	-	.24	20	21	12	6	0	0	0	0	3	9	14	2	-	-
	Ramsgate ...	9 9	80	7.5	2.5	5.0	-	12.8	8,13	-3.9	27	-	-	2.08	101	.35	20	16	13	7	0	0	0	0	3	6	-	-	1.35	91
	Margate ...	9 9	51	7.3	3.1	5.2	-0.7	12.8	8,13	-3.9	29	(6.0)	(9.1)	1.60	84	.24	9	19	14	3	0	0	0	0	1	5	9	0	.92	62
Sussex	Thorney Island ...	21-9	10	7.2	2.5	4.9	-	12.7	13	-6.5	29	-	-	2.04	72	.32	26	15	10	4	0	0	0	0	1	13	18	0	2.12	-
	Bognor Regis ...	9 9	24	7.5	2.1	4.8	-1.1	12.2	8,13	-5.6	29	-	9.4	3.22	106	.46	12,30	18	12	2	0	0	0	0	0	10	20	3	2.20	114
	Fernhurst ...	9 9	188	7.0	0.7	3.9	-	13.3	8	-8.9	29	-	-	3.17	-	.78	26	16	12	1	-	0	0	0	-	12	26	0	1.96	-
	Littlehampton ...	9 9	15	7.6	1.5	4.5	-1.1	12.8	8,9	-6.1	29	-	9.0	2.70	91	.55	29	17	12	1	0	0	1	0	2	13	-	0	1.97	107
	Rustington ...	9 9	10	7.5	1.4	4.5	-	12.8	8	-6.7	29	-	8.1	2.39	-	.41	30	13	11	-	0	-	-	-	-	9	17	-	1.82	-
	Worthing ...	9 9	25	7.5	2.2	4.9	-0.9	12.8	8	-3.9	26	5.6	8.9	2.55	88	.41	30	14	11	2	0	0	0	0	0	7	16	1	2.06	105
	Brighton ...	9 9	32	7.7	2.3	5.0	-	12.8	8	-5.0	29	-	9.2	2.75	98	.45	30	16	11	3	1	0	0	0	1	6	17	4	1.65	94
	East Grinstead ...	9 9	400	6.3	(-0.6)	2.9	-	12.8	8	-11.7	29	-	-	4.10	-	.75	11	21	13	-	5	-	-	-	3	16	23	-	-	-
	Seaford	9 9	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	East Hoathly ...	21-9	130	6.4	1.6	4.0	-	13.0	9	-9.8	29	-	-	2.98	-	.49	29	17	10	4	5	0	0	0	3	16	17	0	1.50	-
	Eastbourne ...	9 9	23	7.5	2.5	5.0	-1.0	12.8	8	-5.0	29	6.4	10.2	2.99	90	.88	30	15	11	2	-	1	0	0	0	7	18	1	1.38	78
	Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bexhill	9 9	12	7.4	2.3	4.9	-0.8	12.2	7,8,12	-6.7	29	5.9	-	2.84	93	.70	30	14	13	3	0	0	0	0	0	9	17	4	1.30	74
	Bodiam	9 9	73	6.7	0.8	3.5	-	13.3	8	-10.6	29	5.8	8.8	3.34	-	.57	30	16	13	4	4	0	0	0	1	17	23	2	1.29	-
	Hastings ¶§	9 9	149	7.0	2.5	4.7	-1.1	12.2	8	-3.9	26,29	5.0	8.7	3.05	98	.72	30	19	12	5	1	0	0	0	0	5	17	1	1.31	72
Berkshire	Letcombe Regis	9 9	350	6.4	0.1	3.3	-	13.9	9	-7.2	16	-	-	2.27	-	.44	7	17	11	1	4	1	0	0	6	15	-	2	-	-
	Abingdon ...	21-9	210	6.2	1.0	3.6	-1.2	14.1	9	-9.4	29	-	-	1.47	73	.27	7	14	8	6	2	0	1	0	3	13	19	0	1.57	-
	Compton ...	9 9	339	(6.5)			-	13.3	8	-7.8	26,(29)	(5.9)	-	1.94	-	.28	9,12	15	10	4	1	0	0	0	4	19	23	0	(1.70)	-
	Woolhampton ...	9 9	370	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Wallingford ...	9 9	157	6.8	-0.6	3.1	-	14.4	8	-9.4	26	5.6	8.9	1.66	-	.32	7	14	8	3	0	0	0	0	-	17	23	0	1.11	- S
	Shinfield ...	9 9	200	6.8	0.6	3.7	-1.0	13.9	8	-8.3	29	-	-	-	-	-	-	-	-	-	0	-	-	-	6	13	-	-	1.80	-
	Reading ...	9 9	148	7.0	0.9	3.9	-1.1	13.9	8	-7.2	29	4.9	8.2	2.06	90	.38	12	17	11	4	0	0	1	0	2	12	20	2	1.80	-
	Reading S.T.G.	9 9	141	6.9	0.4	3.7	-	13.9	8	-8.9	29	-	-	2.04	94	.42	12	17	11	-	0	-	-	-	1	14	21	-	1.69	-
	Finchampstead ...	9 9	212	6.7	0.4	3.5	-	13.9	8	-9.4	29	5.9	7.9	2.42	-	.57	12	16	11	2	0	0	0	0	2	18	22	0	1.62	- S
	Hurley	9 9	140	6.9	0.1	3.5	-	13.9	8	-10.0	29	4.3	-	2.01	-	.34	12	16	13	3	0	0	0	0	3	13	19	0	1.66	-
	Bracknell ...	9 9	243	6.8	0.4	3.6	-	13.9	8	-8.9	29	5.0	8.4	1.83	-	.47	12	16	10	4	0	1	0	0	4	16	20	0	1.60	-
Hampshire	Bournemouth ...	9 9	130	7.6	1.5	4.5	-1.2	13.3	8,13	-7.8	29	5.9	8.3	3.38	98	.53	26	20	12	3	2	0	0	0	3	11	19	1	2.52	138
	Hurn	21-9	33	7.2	1.3	4.3	-	13.7	8	-10.5	29	-	-	3.42	99	.79	26	19	12	7	2	0	0	0	2	17	18	0	-	-
	Christchurch ...	9 9	9	8.1	0.9	4.5	-	13.3	8,9,13	-8.3	29	-	-	3.06	-	.47	12	16	13	1	1	0	0	0	1	16	20	3	-	-
	Everton ...	9 9	51	7.9	1.4	4.7	-	13.3	8	-7.2	29	-	-	3.42	-	.74	26	19	14	1	0	0	0	0	2	11	19	0	2.27	-
	Southampton ¶§	9 9	65	8.2	1.6	4.9	-0.8	13.9	8	-7.2	29	5.9	8.6	3.42	101	.94	26	20	12	2	1	0	1	0	2	11	22	0	1.98	123
	Leckford ...	9 9	385	6.5	0.3	3.4	-	13.3	8	-7.8	29	5.2	-	2.90	85	.70	26	18	12	-	-	-	-	-	2	15	-	-	1.84	110
	Winchester ...	9 9	122	7.2	-0.4	3.4	-	13.9	8	-9.4	29	-	7.6	3.36	98	.91	26	16	12	2	2	0	0	0	-	20	-	0	1.68	- S
	Martyr Worthy	9 9	275	6.6	9.2	3.4	-	13.3	8	-8.3	29	-	-	3.27	-	.75	26	16	14	1	0	0	0	0	1	16	22	1	1.74	
	Southsea ...	9 9	7	7.8	2.3	5.1	-1.1	13.3	8	-4.4	26,29	6.4	9.6	2.69	89	.37	26	17	11	1	0	0	0	0	1	6	23	3	2.25	126
	Hayling Island ...	9 9	13	7.6	2.1	4.9	-	12.8	8,13	-6.1	27	-	-	2.27	-	.37	30	18	11	1	0	1	0	0	1	9	-	5	2.32	-
	Long Sutton ...	9 9	512	5.9	0.3	3.1	-1.3	12.8	8	-6.7	26	5.2	8.9	3.13	98	.85	12	19	15	4	3	0	0	0	4	16	23	2	1.68	117
	Alice Holt Lodge	9 9	378	6.4	0.2	3.3	-	13.3	8	-9.4	29	-	-	3.02	92	.67	26	18	13	3	3	0	0	0	2	16	23	0	1.81	-
	S. Farnborough	21-9	226	6.3	1.3	3.8	-1.1	13.6	8	-10.4	29	-	-	1.83	68	.40	12	18	11	3	1	0	0	0	4	15	18	0	1.40	104
I. of Wight	St. Catherine's Pt.	9 9	51	8.3	3.0	5.7	-0.8	13.0	8	-3.0	27	-	-	3.50	106	.58	14	18	13	3	-	0	0	0	2	4	-	8	-	-
	Ventnor Park ...	9 9	443	7.8	2.4	5.1	-1.5	12.2	8,12,13	-3.9	26,29	6.2	9.6	3.82	106	.62	30	17	15	2	0	1	0	0	2	6	11	2	2.45	-
	Shanklin ...	9 9	180	7.7	1.9	4.8	-	12.8	8,13	-6.1	29	-	-	4.32	-	.94	12	17	15	3	0	0	0	0	6	9	-	1	2.43	-
	Sandown ...	9 9	13	8.3	2.4	5.3	-1.2	13.3	8	-5.0	29	-	-	3.69	108	.72	30	18	14	1	0	0	1	0	2	6	-	-	2.35	126
	Ryde	9 9	15	8.3	2.9	5.6	-0.7	13.9	8	-5.0	29	-	-	3.92	115	.72	12	20	14	-	1	-	-	-	2	7	-	-	1.75	98
Wiltshire	Lacock	9 9	160	6.8	-0.4	3.2	-	13.9	8	-8.9	26	-	-	2.89	-	.49	12	21	12	-	2	-	-	-	5	18	27	-	-	-
	West Lavington	9 9	305	6.6	-0.3	3.1	-	12.8	8,9,12	-8.9	26,29	-	-	2.46	81	.49	26	20	13	2	2	0	0	0	5	15	-	0	-	-
	Lyneham ...	21-9	476	5.5	1.0	3.3	-	13.2	9	-7.7	29	-	-	2.57	94	.53	12	19	11	5	3	0	0	0	4	14	18	0	1.77	-
	Chiseldon ...	9 9	510	5.9	-0.4	2.7	-	13.3	8	-8.9	16	-	-	2.74	-	.40	12,26	16	12	9	2	1	0	0	3	16	20	5	-	-
	Larkhill	9 9	431	6.7	-0.1	3.3	-1.1	13.6	8	-9.4	29	-	-	2.35	79	.43	26	18	10	5	2	0	0	0	3	15	22	0	-	-
	Boscombe Down	21-9	414	6.2	1.3	3.7	-1.0	13.2	9	-10.0	29	-	-	2.37	78	.49	26	18	12	3	2	0	0	0	5	14	19	3	1.81	114
	Upavon	21-9	578	5.5	1.1	3.3	-	12.6	9	-9.5	29	-	-	2.17	-	.35	9	16	12	8	1	0	0	0	3	13	20	2	-	-
	Porton ... ¶§	9 9	364	6.7	-0.2	3.3	-1.1	13.4	8	-9.5	29	4.8	-	2.93	92	.64	26	20	10	2	2	0	0	0	3	14	23	2	1.96	115
7a	ENGLAND, N.W.																													
Cumberland	Sellafield ...	9 9	43	-	1.4	-	-	-	-	-8.3	28	-	-	5.84	136	1.38	11	22	15	-	2	-	-	-	1	9	20	0	1.65	-
	Carlisle	21-9	86	5.8	0.6	3.2	-	12.5	7	-8.9	28	-	-	3.72	-	.72	8	18	13	6	0	1	1	0	0	16	20	2	1.60	-
	Newton Rigg ¶§	9 9	560	5.6	-0.8	2.4	-1.3	12.2	8	-9.4	28	2.9	-	6.34	191	1.21	7	20	14	-	3	-	-	-	2	15	24	-	1.37	130
	Spadeadam ...	9 9	900	4.2	-1.4	2.8	-	10.0	8	-10.6	26	2.4	5.2	7.07	-	1.83	8	21	16	12	1	1	2	0	6	16	24	3	1.46	-
Westmorland	Ambleside ...	9 9	151	6.3	0.2	3.3	-	11.7	8,11	-11.7	28	-	-	15.46	191	3.51	8	20	17	2	3	4	0	1	1	13	-	0	1.56	166 S

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in.(0·2mm.) or more	·04in.(1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
7a	ENGLAND, N.W.—cont.																													
Westmorland	Great Dun Fell	21-9	2780	-0.2	-3.6	-1.9	-	6.8	12	-10.8	26	-	-	-	-	-	-	-	-	-	-	-	-	-	19	30	-	-	1.12	-
—cont.	Moor House ...	9 9	1825	1.9	-3.6	-0.9	-	8.9	11	-12.8	28	2.6	-	11.20	-	2.17	29	22	19	-	19	-	-	-	3	25	27	-	0.98	-
Lancashire	Squires Gate ...	21-9	33	6.3	1.7	4.0	-1.2	11.8	12	-11.0	28	-	-	4.99	158	.98	8	18	16	4	3	3	0	0	1	12	16	3	1.78	147
	Urswick	9 9	130	6.6	0.3	3.5	-	11.7	8	-10.0	28	-	-	6.56	-	1.38	11	19	16	4	3	0	0	0	5	10	-	3	-	-
	Southport ...	9 9	16	6.3	0.7	3.5	-	12.8	8,12	-9.4	28,29	4.3	9.1	5.56	-	1.20	12	20	18	-	3	-	-	-	2	13	18	-	1.79	-
	Poulton-le-Fylde	9 9	38	6.5	0.3	3.4	-	12.2	8,12	-11.7	28	-	-	5.48	-	1.20	8	20	19	0	2	0	0	0	1	12	-	0	-	-
	Grizedale ...	9 9	300	6.4	-2.1	2.1	-	11.1	8,11,13	-12.8	28	4.4	-	13.40	-	3.08	11	19	17	2	4	0	0	0	3	21	23	0	-	-
	Speke	21-9	80	6.4	1.9	4.1	-	13.6	9,12	-7.8	28	-	-	3.46	122	1.13	12	18	16	5	3	1	1	1	3	12	13	5	1.67	-
	Kirkham ...	9 9	78	6.6	0.2	3.4	-	12.2	7,8,12	-10.0	28	-	-	6.10	176	1.32	11	20	17	3	3	0	3	0	2	11	24	0	1.77	-
	Garstang ...	9 9	68	6.8	0.7	3.7	-	11.7	7,8	-7.8	26,28	-	-	6.14	-	1.52	11	17	14	-	3	-	-	-	0	12	19	-	1.78	-
	Morecambe ...	9 9	24	6.6	1.4	4.0	-1.0	11.7	7,8	-9.4	28	-	-	5.96	164	1.26	8	18	16	0	2	0	0	0	1	4	-	0	1.79	154
	Preston	9 9	108	6.6	0.5	3.5	-	12.8	8,12	-7.8	26	-	-	6.32	177	1.38	12	21	18	2	3	0	5	1	4	13	17	1	-	-
	Stonyhurst ¶§	9 9	377	6.0	-0.1	2.9	-1.4	12.2	8	-7.8	26	-	-	8.03	181	1.89	8,12	17	14	-	1	-	-	-	3	14	19	-	1.71	157
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.48	-
	Helmshore ...	9 9	854	4.8			-	11.1	8,12	-8.3	26	4.2	-	8.96	165	2.06	12	18	15	-	5	-	-	-	6	16	24	-	1.70	-
	Burnley	9 9	655	5.5	-0.5	2.5	-	12.2	8,12	-8.9	26	4.4	7.2	5.96	-	1.47	12	20	16	3	0	1	0	0	3	18	25	0	1.62	-
	Nelson	9 9	540	5.2	-0.3	2.5	-	11.7	8,12	-8.3	26	3.9	7.3	5.92	141	1.49	12	16	14	-	1	-	-	-	7	14	24	-	1.00	- S
	Rochdale ...	9 9	362	6.1	-0.7	2.7	-	12.2	8,12	-8.9	26	-	-	7.04	-	1.81	12	19	15	2	2	0	0	1	9	16	22	0	-	- S
Cheshire	Bidston Obs'y. ¶§	9 9	198	6.8	2.1	4.5	-0.8	13.3	8,12	-3.9	28,29	-	-	3.29	125	.99	12	19	14	-	-	-	-	-	3	10	12	-	1.98	156
	Winnington ...	9 9	65	6.7	0.2	3.5	-	13.9	6,8,12	-6.1	26,28	-	-	4.25	156	2.19	12	21	13	3	1	0	1	0	6	15	23	3	-	-
	Knutsford ...	9 9	212	6.2	-0.7	2.7	-	13.9	8	-8.3	26	4.1	7.6	4.38	-	2.17	12	19	15	-	3	-	-	-	3	18	25	-	-	-
	Ringway ¶§	21-9	248	5.8	0.9	3.3	-1.2	13.8	8	-7.3	26	-	-	4.23	154	2.15	12	18	11	5	3	1	1	0	4	12	17	0	2.10	206
	Macclesfield ...	9 9	500	5.7	-0.1	2.8	-1.2	12.8	8	-7.2	28	-	-	4.86	153	2.35	12	20	14	6	4	0	1	0	3	14	-	0	-	-
7b	NORTH WALES																													
Flint	Rhyl	9 9	31	7.7	1.6	4.7	-1.3	14.4	12	-7.2	28	-	-	3.79	153	1.71	12	19	15	2	0	0	5	0	2	10	10	6	1.36	102
	Prestatyn ...	9 9	12	8.0	2.4	5.2	-	13.9	7,8,12	-6.7	28	-	-	3.59	135	1.31	12	20	18	1	1	0	0	0	0	7	-	0	1.42	115
	Hawarden Bridge	9 9	17	7.2	-0.1	3.5	-1.7	15.0	11	-11.1	28	-	-	3.16	128	1.27	12	18	16	2	3	0	2	0	6	16	-	2	-	-
Anglesey	Valley	21-9	33	7.8	4.2	6.0	-0.9	12.6	12	-4.4	28	-	-	7.03	199	1.09	8	22	17	3	0	8	0	0	0	4	12	11	1.55	112
Denbigh	Colwyn Bay ...	9 9	118	8.2	2.9	5.5	-1.0	14.4	12	-1.1	29	5.9	-	4.38	149	1.39	12	20	17	1	0	3	0	0	0	6	-	0	1.03	82 S
	Alwen	9 9	1100	4.9	-2.3	1.3	-	11.7	8	-14.4	28	-	-	9.80	-	2.51	12	23	21	-	-	-	-	-	-	22	26	-	-	-
	Ruthin	9 9	248	6.7	0.3	3.5	-	13.3	8,11,12	-10.0	28	-	-	4.99	-	1.59	12	20	17	-	3	-	-	-	2	12	-	-	1.50	-
	Loggerheads ...	9 9	690	5.9	-1.1	2.4	-	12.2	8,9,12	-15.0	28	4.0	6.7	5.10	-	1.26	12	21	18	6	3	1	4	0	2	16	18	0	-	-
	Bwlchgwyn ...	9 9	1267	4.4	-0.6	1.9	-	13.9	12	-8.9	28	4.2	-	5.57	-	1.38	12	20	17	2	4	0	0	0	4	18	25	1	-	-
	Wrexham ...	9 9	275	6.9	-0.3	3.3	-	14.4	12	-10.0	28	4.7	7.3	3.38	-	1.13	12	17	14	2	3	0	0	0	7	16	22	0	-	-
Caernarvon	Bardsey Island ...	21-9	61	8.5	5.4	6.9	-	12.7	13	-0.8	28	-	-	7.00	-	1.21	12	20	15	-	0	-	-	-	0	2	5	-	-	-
	Botwnnog ...	9 9	112	8.0	2.3	5.1	-	13.3	12	-5.6	28,29	6.1	8.8	7.97	-	1.41	12	21	17	4	1	0	2	0	0	8	18	3	1.45	-
	Bryn Adda ...	9 9	275	7.4	2.7	5.1	-	12.2	8,12	-5.0	28	-	-	8.77	-	1.68	12	23	19	6	0	4	0	0	0	3	14	6	1.21	-
	Cwm Dyli ...	9 9	324	7.4	1.6	4.5	-	12.8	12	-6.7	28	6.1	-	27.14	-	4.70	8	23	21	-	-	-	-	-	1	8	18	-	-	-
	Aber	9 9	60	8.3	3.4	5.9	-0.9	13.9	8,12	-9.4	6	-	-	9.71	226	1.81	12	23	20	3	0	3	0	0	0	2	14	4	.50	85 S
	Llandudno ¶§	9 9	13																											
Merioneth	Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	15.07	-			-	-	-	-	-	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	750	6.9	1.4	4.1	-	14.4	7	-5.6	28	-	-	17.18	-	5.14	12	27	19	6	5	1	0	0	2	7	-	0	0.74	S
	Corwen	9 9	473	6.3	-0.9	2.7	-	13.3	8,9	13.3	28	-	-	7.29	-	2.32	12	20	15	3	4	0	1	0	-	21	26	0	-	- S
Montgomery	Ceinws	9 9	200	6.8	-0.1	3.3	-	12.8	8	-9.4	28,29	-	-	21.15	-	6.82	12	24	21	-	-	-	-	-	1	16	19	-	-	-
	Lake Vyrnwy ...	9 9	995	5.1	-0.4	2.3	-	11.7	8	-10.0	28	4.3	-	14.64	207	4.76	12	26	21	7	7	1	0	0	0	17	28	0	-	-
8a	SOUTH WALES																													
Cardigan	Aberporth ...	21-9	378	7.2	3.3	5.3	-0.9	12.7	13	-5.4	28	-	-	5.68	127	1.61	12	20	16	7	1	5	0	0	0	6	14	6	1.58	-
	Aberystwyth ...	9 9	12	9.5	2.8	6.1	-0.3	13.3	7	-1.1	15,26,28	-	-	4.94	-	2.00	12	21	18	-	1	-	-	-	0	9	-	-	-	-
	" P.B.S.*	9 9	452	7.4	1.5	4.5	-1.3	11.7	6,9,13	-6.1	29	-	-	6.74	147	1.80	12	21	19	4	2	0	0	0	2	9	17	0	1.86	123
	Gogerddan ...	9 9	103	7.9	0.9	4.4	-	13.9	8	-6.7	28	-	-	6.11	153	2.26	12	20	18	-	1	-	-	-	0	11	18	-	1.77	- S
	Swyddffynnon ...	9 9	540	6.8	0.1	3.5	-	12.2	8,12	-8.3	29	-	-	(8.93)	-	2.38	12	(19)	(17)	-	3	-	-	-	1	13	25	-	(1.64)	-
	Trawscoed ...	9 9	200	8.2	0.7	4.5	-	13.3	12,13	-7.2	28,29	5.1	-	8.44	173	2.50	12	18	16	(2)	0	0	0	0	1	12	19	0	1.33	- S
	Llety-evan-hen ...	9 9	950	6.1	0.8	3.5	-	11.7	8	-7.8	29	-	-	9.31	-	3.06	12	19	19	3	3	1	0	0	1	9	20	0	1.57	119
	Cwmystwyth ...	9 9	989	5.7	-0.2	2.7	-	11.7	12	-11.1	29	-	-	13.18	-	4.80	12	19	18	-	2	-	-	-	-	14	21	-	-	- S
Pembroke	Dale Fort ...	9 9	109	8.7	4.2	6.5	-	12.8	8	-3.3	28	6.8	-	3.59	-	.48	26	22	18	2	1	2	0	0	0	2	9	2	1.72	-
	Brawdy	9 9	360	8.1	2.1	5.1	-	12.2	8,12	-7.2	28	-	-	7.14	-	1.27	12	21	19	3	3	0	0	0	1	11	14	4	1.41	-
	Haverfordwest ...	9 9	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carmarthen	Carmarthen ...	9 9	50	7.7	0.7	4.2	-	12.8	8,12	-6.1	28,29	5.7	8.6	7.60	-	1.46	12	21	16	3	1	0	0	0	2	17	21	2	1.51	-
Radnor	Llandrindod Wells ¶§	9 9	772	5.4	-0.8	2.3	-1.8	12.2	8	-13.9	29	5.6	-	6.38	147	1.75	12	21	17	3	3	0	0	0	4	16	-	0	.90	87
Brecknock	Llwynon ...	9 9	860	5.9	-0.8	2.5	-	11.7	8,12	-12.2	29	-	-	13.04	-	3.07	12	22	17	2	0	0	1	0	0	17	-	0	-	- S
Glamorgan	Mumbles Head ...	21-9	117	7.6	3.9	5.7	-	12.2	7,9	-4.0	28	-	-	-	-	-	-	-	-	2	0	0	0	0	0	5	13	9	-	-
	Swansea ...	9 9	27	8.2	2.6	5.4	-1.1	12.8	7,8,12	-3.0	28	5.6	9.4	7.29	162	1.15	12	20	14	3	0	0	0	0	0	8	-	1	1.32	90
	Port Talbot ...	9 9	24	8.3	2.1	5.2	-	13.3	8	-6.1	29	-	-	5.76	-	1.14	26	18	16	4	-	0	0	0	0	11	16	-	1.51	-
	Neath	9 9	202	7.7	1.7	4.7	-	12.8	8,12,13	-7.8	29	-	-	7.73	-	1.38	12	18	16	2	2	0	1	0	1	9	19	1	-	-
	Rhoose	21-9	220	7.0	2.0	4.5	-	13.6	9	-7.9	29	-	-	4.00	111	.66	26	18	15	1	2	3	0	0	2	13	15	2	1.66	-
	Cardiff ... ¶§	9 9	202	7.4	1.2	4.3	-1.2	14.4	8	-8.3	29	6.3	9.6	(5.11)	(117)	.95	26	18	13	1	-	0	0	0	8	11	21	-	(1.60)	(107)
Monmouth	Tredegar ...	9 9	1028	5.6	-0.3	2.7	-	11.7	8,12	-8.9	29	-	-	(11.88)	-	2.03	12	(21	20)	7	4	1	0	0	11	16	26	6	1.49	- S
	Newport ...	9 9	75	7.0	0.8	3.9	-1.4	13.9	8	-8.9	29	-	-	5.58	135	1.12	12	17	16	2	2	0	0	0	2	13	24	0	1.63	-
	Usk	9 9	70	7.2	-0.2	3.5	-	13.9	8,12	-12.2	29	5.1	-	5.88	142	1.15	12	16	13	2	3	0	0	0	3	17	18	0	1.56	-
	Crumbland Plantation	9 9	804	5.8	0.3	3.1	-	11.7	8,12	-7.2	29	4.8	7.5	5.28	-	1.31	12	20	15	2	3	0	0	0	5	17	21	7	1.92	-
8b	ENGLAND, S.W.																													
Somerset	Hawkridge ...	9 9	1030	5.7	0.3	3.0	-	11.7	8,12	-10.0	29	-	-	(8.29)	-	1.85	12	(21	17)	-	3	-	-	-	-	13	22	-	1.73	-
	Cannington ...	9 9	95	7.7	1.4	4.5	-	14.4	8	-7.2	29	6.8	-	2.53	85	.64	26	18	11	-	-	-	-	-	3	9	-	-	1.84	113
	Weston-s.-Mare	9 9	28	7.4	1.9	4.7	-1.4	14.8	8	-6.1	29	-	-	3.19	104	.69	12	17	13	1	2	0	0	0	4	8	16	0	1.78	113
	Long Ashton ¶§	9 9	162	7.3	0.9	4.1	-1.3	14.4	8	-7.8	29	6.7	-	4.39	125	.96	12	18	12	3	2	2	0	0	1	12	21	0	1.84	126
	Wincanton ...	9 9	375	7.2	-0.7	3.9	-	13.3	8	-11.1	29	-	-	3.64	-	.75	27	18	14	1	2	0	0	0	6	20	24	2	-	-
	Bath City Boys' School	9 9	388	6.9	0.2	3.5	-	12.8	6,7,13	-7.2	29	6.4	-	3.51	-	.55	12	18	11	2	2	0	0	0	7	15	-	1	1.03	-
Dorset	Lyme Regis ...	9 9	200	8.2	1.4	4.8	-	12.8	8,9,13	-6.1	29	-	-	3.84	-	1.20	26	19	14	1	1	0	0	0	0	12	17	6	2.43	-
	Portland Bill ...	21-9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Weymouth ...	9 9	16	8.1	2.8	5.5	-1.2	13.9	13	-5.0	26,29	-	-	3.65	105	.90	27	18	15	1	0	0	0	0	1	8	-	2	2.42	129
	Winfrith ...	9 9	85	7.8	0.9	4.3	-	14.4	12	-9.4	29	-	-	4.66	-	1.38	27	18	15	-	1	-	-	-	2	14	19	-	-	-
	Shaftesbury ...	9 9	680	6.2	0.6	3.4	-1.2	12.2	8,9	-8.3	29	-	-	(3.66)	(105)	(.77)	27	(18	11)	-	2	-	-	-	2	15	-	-	-	-
	Swanage ...	9 9	37	8.3	2.3	5.3	-	13.3	7,9,13	-5.6	26,29	-	9.7	3.32	-	.61	26	18	12	1	0	0	0	0	3	9	14	5	2.28	133
	Poole	9 9	18	8.2	1.3	4.7	-	13.9	8,13	-7.8	29	-	-	3.37	-	.74	27	18	11	2	2	0	0	0	1	14	-	1	2.13	119

* Plant Breeding Station.

TABLE III (*continued*)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1964

District, County and Place		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ø	Highest Maximum and Lowest Minimum: Maximum	Date	Minimum	Date	Mean Earth Temperature 1 ft.	4 ft.	Rainfall (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average	Most in a day: Amount	Date	Weather Number of days: Precip'n ·01in. (0·3mm.) or more	·04in. (1·0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. below 0° C	Gale	Bright Sunshine: Daily Mean	Percentage of Average ø
		G.M.T	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
8b	ENGLAND, S.W.—cont.																													
Devon	Clawton	9 9	412	8.0	-1.9	3.1	-	13.3	8	-8.9	28	-	-	4.95	-	(.73)	26	20	18	2	-	2	0	0	-	19	-	0	-	-
	Hartland Point ...	21-9	298	7.9	4.8	6.3	-	12.8	9	-3.1	29	-	-	3.55	-	.55	26	21	18	3	0	0	0	0	0	2	3	12	1.74	120
	Mount Batten ...	21-9	87	8.4	3.5	5.9	-1.3	13.1	8	-5.7	29	-	-	3.31	73	.68	26	19	15	2	0	0	1	0	3	8	14	3	1.99	118
	Plymouth, The Hoe	9 9	119	8.8	2.7	5.7	-1.2	13.3	8	-5.0	29	6.9	9.8	2.77	62	.59	26	19	15	2	1	0	0	0	4	8	21	4	2.13	122
	Tavistock ...	9 9	457	8.2	0.3	4.3	-1.6	15.0	8	-7.8	29	-	-	5.34	-	.73	12	19	18	4	1	2	0	0	0	14	25	1	-	-
	Chivenor ...	21-9	20	8.2	3.1	5.7	-	14.4	9	-5.4	28	-	-	2.69	-	.50	7	18	11	3	0	0	2	0	0	8	15	6	1.84	-
	Ilfracombe ...	9 9	25	8.8	4.5	6.7	-0.7	14.4	8	-2.2	29	7.1	10.0	5.42	124	.89	26	18	17	2	0	0	0	0	0	1	10	0		
	Totnes	9 9	120	8.4	1.3	4.9	-	13.9	8	-8.3	29	7.2	10.2	5.32	94	.93	12	21	12	1	0	0	0	0	1	12	19	0	2.01	-
	Slapton	9 9	104	8.6	2.4	5.5	-	13.3	8	-4.4	29	-	-	4.88	-	.90	26	16	14	-	0	-	-	-	1	5	14	-	-	-
	Newton Abbot ...	9 9	272	7.7	1.6	4.7	-1.4	12.8	8,12	-7.2	29	-	-	4.22	90	.75	12	17	12	2	1	0	0	0	0	11	21	0	2.42	133
	Paignton ...	9 9	8	-	2.5	-	-	-	-	-5.0	29	-	-	3.73	83	.55	26	21	17	0	0	0	0	0	0	7	-	3	2.12	123
	Torquay ...	9 9	26	8.9	3.1	6.0	-0.8	14.4	8	-4.4	29	-	9.5	3.58	88	.62	12	17	14	2	0	0	0	0	0	7	13	5	2.44	127
	Teignmouth ¶§	9 9	20	8.7	3.1	5.9	-1.2	14.4	8,9	-5.0	29	-	-	2.35	61	.41	27	19	12	1	-	-	-	-	3	7	11	-	2.35	126
	Starcross ...	9 9	29	8.3	2.6	5.5	-	14.4	8	-6.7	29	5.8	-	3.01	79	.85	26	14	9	1	0	1	0	0	4	9	14	1	2.04	-
	Exeter, Southam	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Exmouth ...	9 9	195	8.0	1.8	4.9	-1.2	13.3	13	-5.6	29	-	-	2.51	68	.55	26	16	9	3	0	0	0	0	2	12	0	2	2.21	118
	Exeter	21-9	106	7.8	2.4	5.1	-	14.1	8	-8.2	29	-	-	1.97	54	.53	26	18	8	3	1	0	0	0	5	12	18	2	1.94	-
	Sidmouth ...	9 9	25																											
Cornwall	St. Mary's, Scilly	21-9	158	9.4	6.7	8.1	-0.5	13.1	9	1.6	28	-	-	3.37	96	.58	7	22	13	1	0	1	0	0	0	0	-	13	1.45	79
	Penzance ...	9 9	62	9.8	4.4	7.1	-0.9	13.9	8	-3.3	29	-	-	4.50	93	.73	27	25	21	1	0	2	0	0	0	5	13	5	2.08	113
	Gulval	9 9	50	9.5	4.3	6.9	-0.9	13.9	8	-2.2	29	-	-	4.38	94	.87	26	24	18	-	0	-	-	-	0	2	12	-	1.79	103
	Culdrose ...	9 9	268	9.1	2.9	6.0	-	13.3	9	-5.0	28,29	-	-	3.10	-	.73	26	21	14	3	0	0	2	0	0	10	11	3	2.16	-
	Rosewarne ...	9 9	250	8.8	3.9	6.3	-	12.8	8,12	-3.9	28,29	6.8	9.3	3.90	88	.59	7	23	18	2	0	1	0	0	1	3	14	6	2.02	-
	Lizard	9 9	240	9.2	4.5	6.9	-1.1	12.9	9	-3.3	28	-	-	3.04	78	.46	26	23	16	2	-	0	0	0	-	3	-	7	2.29	-
	Falmouth ¶§	9 9	167	8.8	2.9	5.9	-1.6	12.8	8,12	-4.4	29	-	-	5.78	109	.90	8	21	18	1	0	0	0	0	0	6	15	0	1.81	102
	Newquay ...	9 9	176	9.1	4.1	6.6	-0.6	13.9	8	-3.9	29	-	-	3.59	94	.81	26	21	17	2	-	0	0	0	-	6	-	1	2.02	117
	St. Mawgan ...	21-9	337	8.0	3.8	5.9	-	13.2	9	-4.5	29	-	-	4.21	-	.81	26	22	19	3	0	2	2	0	0	5	9	1	2.09	-
	St. Austell ...	9 9	310	8.6	3.0	5.8	-	13.3	8	-3.3	29	-	-	4.48	80	.87	26	20	18	2	1	1	0	0	0	5	-	0	-	-
	Fowey	9 9	51	9.6	2.9	6.3	-1.1	13.9	9	-2.8	28	-	-	3.64	-	.91	26	18	15	1	1	1	0	0	0	8	-	0	-	-
	Bude	9 9	50	9.1	2.4	5.7	-1.2	14.4	8	-6.1	28	5.1	-	3.69	97	.68	26	20	16	-	0	-	-	-	-	8	-	-	1.83	110
	Ellbridge ...	9 9	190	8.6	1.6	5.1	-1.0	13.3	8	-6.7	29	-	-	4.18	85	.84	26	22	16	1	1	2	0	0	2	13	18	5	2.13	116
9	NORTHERN IRELAND																													
Londonderry	Loughermore Forest	9 9	570	6.3	0.6	3.5	-	11.7	11	-4.4	27	-	-	5.63	-	.72	7	26	24	5	4	0	0	0	0	11	21	0	-	-
	Ballykelly ¶§	21-9	6	7.1	2.5	4.8	-0.8	13.0	5,8,11	-3.6	27	-	-	3.95	103	.59	30	25	18	6	2	7	0	0	0	11	14	0	1.14	91
	Derrynoyd Forest	9 9	290	6.6	0.9	3.7	-	11.7	5,11	-1.7	11,26,28	-	-	5.66	-	.90	8	26	20	5	4	0	0	0	0	11	26	0	-	-
	Somerset Forest	9 9	140	7.1	1.0	4.1	-	12.8	11	-2.2	29	-	-	4.13	-	.54	6	22	20	7	3	2	0	0	1	11	19	0	-	-
	Garvagh Forest	9 9	290	6.7	0.7	3.7	-	12.2	8,11	-2.8	27	-	-	5.40	-	.72	8	26	19	3	4	3	0	0	0	11	24	0	-	-
	Moneydig ¶	21-9	112	6.5	1.3	3.9	-0.8	12.9	11	-2.8	24	5.4	-	4.35	100	.60	8	24	19	8	4	2	3	0	2	11	18	1	-	-
Antrim	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	4.08	-	.59	7	21	19	-	-	-	-	-	-	-	-	-	1.02	-
	Lisnafillan ...	9 9	124	6.8	0.2	3.5	-	11.7	5,8,11	-4.4	28	-	-	4.21	-	.55	7	26	20	4	3	0	1	0	2	11	19	0	1.13	-
	Aldergrove ¶§	21-9	225	5.9	1.1	3.5	-1.4	11.3	8,12	-5.6	25	4.9	8.6	4.26	-	.50	12	23	18	10	4	3	0	1	0	10	15	0	1.17	104
	Greenmount ...	9 9	105	6.7	0.4	3.5	-	11.7	8,11	-5.0	25	5.0	-	3.95	-	.48	7,8	23	17	5	4	0	0	0	-	12	24	-	-	-
	Black Mountain	21-9	969	4.5	-0.6	1.9	-	10.5	8,11	-4.5	25	-	-	4.98	-	.77	8	24	21	9	7	0	0	0	9	14	-	2	-	-
	Ballypatrick Forest	9 9	500	6.3	0.8	3.5	-	11.7	11	-2.8	24	-	-	5.26	-	.55	7,31	24	21	11	8	2	0	0	1	10	15	6	-	-
	Larne	9 9	140	7.3	1.9	4.6	-	12.2	8,11	-2.2	26,27,28	-	-	4.72	-	.69	11	23	19	3	2	1	0	0	0	7	-	0	-	-
	Kilroot	9 9	71	7.4	1.9	4.7	-	12.8	11	-2.2	27,28	-	-	3.76	-	.54	11	19	17	4	2	0	0	0	2	7	17	0	-	-
Down	Newry Abbey ...	9 9	32	7.3	0.9	4.1	-	13.3	11	-5.6	28	-	-	4.13	-	1.05	11	17	13	4	1	0	0	0	6	10	-	1	-	-
	Hillsborough §	9 9	379	6.4	1.1	3.7	-1.1	12.2	11	-3.9	28	5.4	-	3.97	110	.58	8	18	17	5	3	0	0	0	0	9	26	2	1.20	100
	Kilkeel	21-9	58	7.4	2.8	5.1	-	12.4	5	-1.9	25	-	-	3.86	-	.72	11	18	12	4	0	0	0	0	0	5	13	2	1.79	-
	Tollymore Park	9 9	249	7.4	1.5	4.5	-	12.8	6,11	-2.2	25	-	-	5.52	-	1.13	11	18	15	3	0	0	0	0	0	7	19	0	-	-
	Stormont Castle	9 9	185	7.0	1.5	4.3	-	11.7	6,8,11	-2.8	25,27	4.3	7.3	3.94	-	.60	8	23	16	4	4	0	0	0	3	7	22	0	1.35	-
	Crossgar ...	9 9	119	7.6	1.4	4.5	-	12.8	8,11	-4.4	28,29	-	-	3.36	-	.62	11	21	16	4	2	1	0	0	0	8	20	2	-	-
	Creighton's Green	9 9	391	6.5	1.7	4.1	-	11.7	11	-3.3	27	-	-	4.11	-	.70	11	23	16	5	4	0	1	0	0	5	16	4	-	-
	Helen's Bay ...	9 9	140	6.9	2.4	4.7	-	12.2	11	-1.7	28,29	-	-	3.78	-	.54	7,8	22	18	4	2	0	2	0	0	6	16	1	-	-
	Bangor	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Killough ...	21 9	50	7.2	3.0	5.1	-	12.0	11	-2.5	25	-	-	3.87	-	.75	11	17	12	3	1	0	0	0	0	3	9	11	-	-
	Ballyhalbert ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.68	-
Armagh	Armagh ¶§	9 9	202	6.9	0.8	3.9	-1.2	12.2	11	-3.3	25,28,29	4.4	7.4	3.51	112	.48	8,11	23	19	5	5	0	0	0	1	10	20	2	1.35	121
	Loughgall ...	9 9	92	7.2	0.2	3.7	-	12.2	7,8,11	-4.4	25	-	-	3.33	-	.51	8	20	16	6	4	0	1	0	0	14	27	2	1.49	-
	Glenanne ...	21-9	438	6.1	1.5	3.8	-	13.0	11	-4.0	28	-	-	4.15	-	.81	11	22	14	4	3	0	0	0	2	5	18	1	-	-
	Bessbrook ...	9 9	250	-	-	-	-	-	-	-	-	-	-	4.54	112	.78	11	23	13	-	-	-	-	-	-	-	-	-	1.53	111
Tyrone	Lough Bradan ...	9 9	554	6.0	-1.2	2.4	-	11.1	8,11	-5.0	26	-	-	7.79	-	1.14	11	28	21	-	-	-	-	-	0	24	26	0	.96	- S
	Baronscourt Forest	9 9	290	6.8	0.9	3.9	-	12.2	7,8,11	-3.9	26	-	-	5.88	-	1.02	11	29	24	6	4	0	0	0	0	10	17	0	-	-
	Carrigans ...	21-9	371	6.1	1.3	3.7	-	11.9	8	-4.0	26	-	-	5.32	-	.77	11	26	23	6	4	2	0	0	1	10	19	0	-	-
	Lislap Forest ...	9 9	685	6.1	-0.2	2.9	-	10.6	6,8,11	-5.0	25	4.6	-	5.24	97	.70	8,11	26	24	4	4	0	0	0	0	16	21	0	-	-
	Knockmany Forest	9 9	239	6.8	-0.3	3.3	-	11.7	8,11	-4.4	11,15,26	-	-	5.25	-	.96	8	23	18	6	2	0	0	0	0	15	25	0	-	-
	Pomeroy Forest	9 9	540	6.3	0.4	3.3	-	11.7	8,11	-3.3	15,25	4.8	-	4.97	-	.71	11	25	19	7	5	0	0	0	2	11	29	0	-	-
	Cookstown ...	9 9	253	6.7	0.7	3.7	-	12.2	8,11	-3.3	11,15	4.9	-	3.98	-	.60	11	23	17	-	-	-	-	-	-	11	26	-	-	-
Fermanagh	Roscor	9 9	470	6.8	0.8	3.8	-	12.2	11	-3.3	25,29	-	-	7.61	155	.88	11	26	23	4	4	2	-	-	0	12	24	0	-	-
	Lough Navar Forest	9 9	485	6.7	1.0	3.9	-	11.7	8,11	-3.3	25	-	-	7.94	-	.87	8	25	22	7	3	2	0	0	0	11	24	0	-	-
	Ely Lodge ...	21-9	210	6.7	2.2	4.5	-	12.9	8,11	-1.7	28	5.3	8.2	5.82	-	.91	26	21	21	3	2	0	1	0	0	9	13	0	1.09	-
	Castle Archdale Forest ¶§	9 9	215	6.9	0.9	3.9	-1.4	12.8	8	-2.8	25	5.6	-	5.86	-	.59	11	25	23	4	4	0	0	0	0	9	20	0	1.30	96
	Pubble Forest ...	9 9	290	6.8	0.6	3.7	-	12.2	8	-4.4	26	-	-	5.88	-	.96	8	25	20	6	2	0	0	0	0	11	18	0	-	-
	CHANNEL ISLES																													
Guernsey	States Airport ...	21-9	340	8.6	5.6	7.1	-0.6	13.0	9	-2.0	28	7.7	10.1	5.16	131	.85	30	21	14	3	1	0	0	0	0	3	8	2	1.65	-
Alderney	States Airport ...	9 9	288	8.8	4.7	6.7	-	12.8	8,9,12	-1.1	28	7.7	-	4.28	-	.88	30	19	15	2	1	0	0	0	0	1	-	7	1.82	-
Jersey	Jersey Airport ...	9 9	273	8.5	4.4	6.5	-	12.8	8	-2.5	28	-	-	5.16	133	1.24	30	20	15	5	-	0	0	0	0	4	10	1	2.39	-
	St. Helier ...	9 9	28	9.1	4.4	6.7	-1.0	12.8	7,8	-2.8	28	-	-	5.02	141	.93	30	20	16	1	-	0	0	0	0	1	-	0	2.30	-
	Gorey Castle ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.14	-

† Air Frost - Screen Min. below 0° C.

ø † ¶§. S *See* Notes on Tables in the Introduction.

ø Average period 1931 - 60

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 to 2	3 to 5	6 to 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more (Speed in knots: 34 or more)	6, 7 (22 to 33)	4, 5 (11 to 21)	1 to 3 (1 to 10)	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																
0 SCOTLAND, N.																																								
Zetland — Lerwick Observatory H	3	273	1003.1	-	3.0	0.5	7.0	90	6.1	0	8	1	6	16	0	0	0	0	0	1	1	5	10	11	3	2	6	15	7	1	6	0	0	2	5	8	5	4
	9	273	1003.7	-3.1	2.9	0.7	6.6	87	6.5	0	0	8	11	12	0	0	0	0	0	0	2	6	10	12	1	2	5	14	7	3	5	1	0	0	5	8	6	3
	15	273	1004.0	-	3.2	0.8	6.8	86	6.2	0	1	7	19	4	0	0	0	0	1	0	1	3	10	12	4	1	4	16	10	0	4	0	0	0	7	6	8	6
	21	273	1004.0	-	3.0	0.7	6.7	88	5.9	0	4	6	9	12	0	0	0	0	0	0	0	7	10	11	3	1	4	15	9	2	5	0	0	3	3	6	7	5
Orkney — Kirkwall ... H	3	36	1004.9	-	3.7	0.9	7.0	86	5.8	0	7	4	6	14	0	0	0	0	0	0	0	2	11	15	3	1	7	12	10	1	2	0	0	0	6	11	4	7
	9	36	1005.7	-	3.6	0.9	6.7	83	6.0	0	5	4	14	7	1	0	0	1	0	0	0	3	5	15	7	1	5	17	7	1	3	0	0	0	9	8	6	4
	15	36	1005.8	-	3.9	1.0	6.9	84	6.1	0	2	8	14	7	0	0	0	0	0	0	0	3	3	15	10	1	5	15	9	1	4	0	0	1	8	9	5	3
	21	36	1005.4	-	3.6	0.8	6.9	85	5.6	0	6	5	8	12	0	0	0	0	0	0	0	4	5	14	8	1	3	19	6	2	3	1	0	1	8	8	4	4
Caithness — Wick ... H	3	121	1005.4	-	2.9	0.7	6.6	87	5.3	0	10	2	11	8	0	0	0	0	0	0	0	1	6	19	5	0	8	13	8	2	4	0	0	2	5	12	3	3
	9	121	1006.4	-1.2	3.0	0.9	6.5	85	5.2	0	9	2	14	6	0	0	0	0	0	0	0	0	5	17	9	0	2	18	10	1	4	0	0	3	11	5	4	3
	15	121	1006.4	-	3.5	0.9	6.7	84	6.1	0	4	2	20	5	0	0	0	0	0	1	0	3	7	9	11	0	2	11	18	0	3	0	0	0	14	6	5	3
	21	121	1006.0	-	2.9	0.7	6.6	87	6.0	0	4	5	11	11	0	0	0	0	0	1	1	1	8	16	4	0	3	11	14	3	2	0	0	1	11	6	4	4
Sutherland — Cape Wrath ... H	3	371	1003.9	-	4.6	0.9	7.4	86	6.3	0	1	6	15	8	1	0	1	0	0	0	0	0	0	5	25	2	8	11	7	3	1	5	0	0	6	7	5	4
	9	371	1004.7	-	4.6	0.8	7.4	86	6.1	0	2	8	12	9	0	0	0	0	0	0	0	2	2	1	26	2	3	10	15	1	2	3	0	0	8	8	5	4
	15	371	1004.9	-	4.7	0.9	7.4	86	6.6	0	0	5	16	8	2	0	2	0	0	0	0	0	1	4	24	1	3	11	16	0	3	3	0	1	8	9	2	5
	21	371	1004.9	-	4.6	0.9	7.3	86	6.5	0	2	5	11	13	0	0	0	0	0	0	0	1	0	2	28	0	5	12	13	1	2	4	0	1	4	8	3	8
Ross & Cromarty — Stornoway H	3	16	1006.1	-	3.8	0.7	7.3	89	5.0	1	8	7	4	11	0	0	0	0	0	0	0	3	8	19	1	1	4	13	11	2	3	0	0	0	7	9	3	7
	9	16	1007.0	0.0	3.7	0.7	7.2	89	5.6	0	5	6	15	5	0	0	0	0	1	0	0	3	11	13	3	0	0	15	14	2	3	1	0	0	6	10	5	4
	15	16	1006.8	-	4.5	0.7	7.6	89	6.4	0	2	6	15	7	1	0	0	0	1	0	1	4	6	14	5	0	4	10	15	2	6	0	0	0	9	4	8	2
	21	16	1006.3	-	3.7	0.5	7.4	92	4.6	3	7	5	7	9	0	0	0	0	0	0	1	6	6	16	2	1	2	10	17	1	5	1	0	1	6	10	3	4
Inverness — Benbecula H	3	21	1006.8	-	5.1	1.0	7.5	85	5.1	0	7	8	10	6	0	0	0	0	0	0	0	2	4	16	9	0	6	16	9	0	4	4	0	2	8	4	6	3
	9	21	1007.5	-	4.9	1.0	7.4	85	5.3	0	5	8	14	4	0	0	0	0	1	0	1	1	3	14	11	0	5	12	14	0	7	2	0	3	5	7	6	1
	15	21	1007.1	-	5.3	1.0	7.6	84	6.3	0	1	5	20	5	0	0	0	0	0	0	0	2	9	9	11	0	7	10	14	0	6	0	1	2	5	6	7	4
	21	21	1006.7	-	4.9	0.8	7.6	86	5.8	0	6	5	10	10	0	0	0	0	0	0	0	1	11	12	7	2	6	10	12	1	7	0	2	0	8	4	6	3
1 SCOTLAND, E.																																								
Moray — Kinloss ... H	3	19	1007.2	-	3.2	1.1	6.4	82	5.3	3	5	4	10	9	0	0	0	0	1	0	0	1	5	17	7	0	6	8	16	1	2	1	0	0	8	13	5	1
	9	19	1007.9	-	2.9	1.0	6.4	84	5.9	0	4	4	19	4	0	0	0	0	0	0	0	4	7	8	12	0	3	12	16	0	1	2	1	1	4	13	6	3
	15	19	1007.9	-	3.8	1.1	6.6	82	6.0	0	5	3	14	9	0	0	0	0	0	0	1	5	8	9	8	0	3	15	13	0	2	1	2	1	8	8	5	4
	21	19	1007.5	-	2.9	0.9	6.5	85	5.6	1	5	4	10	11	0	0	0	0	0	0	0	4	7	14	6	0	1	13	16	1	1	1	1	2	4	15	4	2
Aberdeen — Dyce ... H	3	193	1007.4	-	1.7	0.8	6.0	86	4.5	6	6	2	9	8	0	0	0	0	0	0	0	1	7	9	10	4	0	4	10	11	6	1	0	0	3	3	6	7	5
	9	193	1008.3	-1.1	1.7	0.9	5.9	84	5.3	0	7	6	11	7	0	0	0	0	0	1	1	6	10	11	2	0	1	14	9	7	2	0	0	1	7	3	6	5
	15	193	1008.2	-	2.9	1.1	6.1	81	5.6	0	5	6	12	8	0	0	0	0	0	1	6	7	11	6	0	0	1	12	11	7	3	0	0	1	6	5	4	5
	21	193	1007.8	-	2.0	0.9	6.0	84	4.6	3	8	3	11	5	1	0	0	0	1	0	4	9	13	4	0	0	2	15	6	8	2	0	0	0	4	7	5	5
Rattray Head ...	3	108	1006.6	-	3.0	1.0	6.3	82	5.1	1	5	6	19	0	0	0	0	0	0	0	0	2	29	0	0	2	5	11	12	1	4	0	0	0	12	6	7	1
	9	108	1007.3	-	2.8	1.1	6.1	80	5.1	0	4	12	15	0	0	0	0	0	0	0	0	1	23	7	0	0	4	15	8	2	3	0	1	1	11	5	5	3
	15	108	1007.4	-	3.7	1.3	6.2	77	5.3	0	3	10	17	1	0	0	0	0	0	0	0	2	21	8	0	1	6	8	15	1	5	0	0	0	13	3	7	2
	21	108	1007.2	-	3.0	1.0	6.3	83	5.3	1	5	5	19	1	0	0	0	0	0	0	0	2	29	0	0	1	5	15	9	1	3	1	0	1	15	2	5	3
Fife — Leuchars ... H	3	38	1008.3	-	2.1	0.8	6.3	87	4.2	4	9	4	8	6	0	0	0	0	0	0	0	6	11	10	4	0	4	5	20	2	1	0	0	1	1	10	13	3
	9	38	1009.1	-1.1	2.3	0.7	6.4	87	5.7	0	6	2	16	7	0	0	0	0	0	1	1	8	8	6	7	0	2	6	20	3	0	2	1	1	0	9	13	2
	15	38	1008.7	-	3.9	1.0	6.8	83	5.6	0	6	4	14	7	0	0	0	0	0	1	0	8	6	9	7	0	1	11	19	0	3	1	3	0	1	8	12	3
	21	38	1008.6	-	2.9	0.7	6.7	86	5.0	3	6	5	8	9	0	0	0	0	0	0	5	8	4	10	4	0	3	7	20	1	1	1	1	1	2	6	17	1
Midlothian — Turnhouse H	3	144	1009.5	-	2.4	0.7	6.5	86	4.6	5	7	1	7	11	0	0	0	0	0	2	2	7	10	9	1	0	2	11	11	7	1	0	0	1	1	14	6	1
	9	144	1010.1	-	2.5	0.8	6.5	86	5.6	0	6	5	13	7	0	0	0	0	0	2	5	5	10	7	2	0	1	9	14	7	0	1	1	0	3	13	4	2
	15	144	1009.6	-	4.1	1.1	6.8	81	5.7	0	4	7	14	6	0	0	0	0	1	2	5	4	12	4	3	0	1	12	14	4	0	3	2	0	4	12	4	2
	21	144	1009.6	-	3.5	0.9	6.8	85	4.9	5	6	2	7	11	0	0	0	0	0	3	5	7	13	3	0	0	5	9	11	6	2	2	0	0	5	11	5	0
6a SCOTLAND, W.																																								
Argyll — Tiree ... H	3	34	1008.0	-	5.9	1.0	8.0	85	5.5	1	5	7	8	10	0	0	0	0	0	0	1	4	6	15	5	0	11	13	7	0	6	0	3	1	5	10	3	3
	9	34	1008.4	-0.2	5.8	1.0	8.0	85	5.3	0	5	11	10	5	0	0	0	0	1	0	1	1	10	9	9	0	7	17	7	0	7	1	0	2	7	7	6	1
	15	34	1008.1	-	5.8	1.0	7.9	85	5.8	0	7	1	14	9	0	0	0	0	0	0	0	6	5	11	9	1	7	16	7	0	5	2	2	0	6	5	6	5
	21	34	1007.9	-	5.5	1.0	7.7	84	4.6	0	11	6	4	10	0	0	0	0	0	0	0	3	9	11	8	3	6	12	6	4	4	1	1	2	5	6	5	3
Rhuvaal ... H	3	63	-	-	5.7	0.7	8.3	88	5.2	0	4	12	7	8	0	0	0	0	0	0	0	0	4	16	11	1	4	13	13	0	5	0	2	2	6	8	4	4
	9	63	-	-	5.6	0.7	8.2	89	5.8	0	1	12	10	8	0	0	0	0	0	1	0	1	1	10	8	0	4	15	12	0	6	2	2	1	5	7	7	1
	15	63	-	-	6.0	0.9	8.2	87	5.6	0	6	6	9	10	0	0	0	0	0	0	0	3	2	12	14	0	6	12	13	0	5	3	3	0	4	6	8	2
	21	63	-	-	5.8	0.8	8.3	89	4.8	0	5	14	5	7	0	0	0	0	0	0	0	1	3	10	17	1	7	8	15	0	6	0	5	0	8	5	3	4
Renfrew — Renfrew ... H	3	29	1009.5	-	3.0	0.7	6.9	88	5.0	3	9	1	6	12	0	0	0	0	0	4	3	5	11	6	2	0	1	11	4	15	0	1	0	0	3	7	5	0
	9	29	1009.9	-1.0	3.3	0.7	7.0	88	6.0	0	6	2	13	10	0	0	0	0	1	4	5	16	4	1	0	0	0	12	7	12	0	3	0	1	3	7	4	1
	15	29	1009.5	-	4.8	1.3	7.0	80	6.2	0	3	4	15	9	0	0	0	0	1	2	4	2	20	2	0	0	0	12	12	7	0	2	2	1	5	6	5	3
	21	29	1009.4	-	4.3	1.0	7.1	84	5.6	3	3	4	9	12	0	0	0	0	2	3	5	11	7	3	0	0	2	9	13	7	1	3	1	0	3	8	7	1
Lanark — Lowther Hill H	3	-	-	-	-1.1	0.0	5.7	98	7.0	0	3	2	2	5	19	2	16	1	0	0	0	3	1	5	3	2	7	13	7	2	3	3	2	2	1	5	9	4
	9	-	-	-	-1.1	0.0	5.7	98	7.1	0	1	3	4	2	21	2	18	1	1	0	1	0	1	5	2	0	7	16	8	0	1	3	5	0	2	7	8	5
	15	-	-	-	-0.2	0.0	6.1	98	7.4	0	0	4	3	6	18	3	14	1	0	0	0	3	3	5	2	0	11	19	0	1	1	2	3	1	5	4	9	5
	21	-	-	-	-0.4	0.1	5.9	97	6.9	0	2	4	5	4	16	3	12	1	0	0	1	2	3	5	4	5	6	13	7	0	3	0	4	3	3	6	5	7
Ayr — Prestwick Airport H	3	69	1009.7	-	3.3	0.7	7.0	88	5.3	5	4	2	8	12	0	0	0	0	0	1	0	9	10	10	1	0	1	10	15	5	2	1	6	2	6	5	2	2
	9	69	1009.9	-	3.5	0.6	7.1	88	6.0	0	3	8	8	12	0	0	0	0	0	1	2	9	11	5	3	0	0	11	16	4	3	3	1	4	5	6	4	1
	15	69	1009.6	-	5.0	1.1	7.3	82	6.4	0	1	7	15	8	0	0	0	0	0	2	1	11	7	7	3	0	1	14	15	1	1	6	1	2	6	9	2	3
	21	69	1009.5	-	4.3	0.9	7.3	85	5.1	2	5	6	11	7	0	0	0	0	0	0	3	7	11	9	1	0	4	11	15	1	3	2	4	3	6	6	4	2
Dumfries — Eskdalemuir Observatory H	3	778	1010.7	-	0.7	0.6	5.9	87	4.7	8	4	3	2	14	0	0	0	0	1	1	1	11	11	6	0	0	2	7	19	3	7	2	2	1	5	7	3	1
	9	778	1011.3	-0.4	0.8	0.6	6.0	88	6.0	0	4	5	10	11	1	0	0	1	1	2	1	5	7	10	4	0	0	7	21	3	4	3	2	1	7	7	1	3
	15	778	1010.5	-	2.7	0.8	6.6	86	6.5	0	2	3	15	11	0	0	0	0	3	0	0	6	6	13	3	0	3	7	20	1	2	3	3	1	6	8	4	3
	21	778	1010.7	-	2.1	0.7	6.5	88	5.1	8	2	2	4	15	0	0	0	0	1	0	0	12	7	10	1	0	5	5	18	3	5	3	1	1	5	5	5	3
Wigtown — Mull of Galloway H	3	260	1010.8	-	5.2	0.7	7.9	87	5.0	6	4	2	8	11	0	0	0	0	0	0	0	2	12	16	1	4	7	12	8	0	7	1	4	0	1	8	8	2
	9	260	1011.0	-	5.1	0.7	7.9	88	6.1	0	3	7	9	12	0	0	0	0	0	0	0	1	8	21	1	1	11	15	3	1	4	3	5	0	1	7	9	1
	15	260	1010.6	-	6.0	1.0	8.1	85	6.1	0	1	9	10	11	0	0	0	0	0	0	0	2	5	23	1	4	6	18	3	0	6	1	3	1	1	7	10	2
	21	260	1010.4	-	5.7	0.9	8.0	86	5.2	2	8	2	8	11	0	0	0	0	0	0	0	5	6	18	2	4	6	14	7	0	6	2	4	1	2	8	5	3
6b ISLE OF MAN																																								
Isle of Man — Ronaldsway H	3	68	1011.0	-	5.1	0.8	7.7	86	5.2	1	8	3	10	9	0	0	0	0	0	0	2	4	4	10	11	2	7	12	9	1	6	6	2	0	1	8	4	3
	9	68	1011.3	-	5.5	0.9	7.9	85	6.2	0	1	7	18	5	0	0	0	0	0	0	2	10	9	10	0	0	8	11	12	0	6	4	2	1	1	8	7	2
	15	68	1010.9	-	6.6	1.2	8.2	83	5.8	0	6	4	10	11	0	0	0	0	0	0	0	3	9	9	10	2	9	16	3	1	5	2	4	0	1	11	6	1
	21	68	1011.1	-	5.8	0.9	8.1	86	5.1	2	6	4	9	10	0	0	0	0	0	0	1	5	9	9	7	4	7	9	11	0	4	5	2	0	5	5	6	4
Point of Ayre H	3	30	1010.5	-	5.1	0.9	7.6	85	4.6	6	3	7	6	9	0	0	0	0	0	0	0	1	9	20	1	0	7	14	9	1	4	5	1	1	4	8	5	2
	9	30	1010.8	-	5.2	0.9	7.7	85	5.8	0	4	6	14	7	0	0	0	0	0	0	0	0	8	18	5	0	8	14	8	1	4	3	3	1	6	7	4	2
	15	30	1010.4	-	6.5	1.3	8.0	80	6.0	0	2	9	10	10	0	0	0	0	0	0	0	0	6	21	4	1	6	16	7	1	6	3	3	0	6	5	7	0
	21	30	1010.5	-	6.2	1.1	8.0	83	5.5	1	5	6	11	8	0	0	0	0	0	0	0	1	7	21	2	3	5	14	9	0	4	4	3	2	4	4	8	2
3 ENGLAND, N.E.																																								
Northumberland — Acklington H	3	151	1009.7	-	2.4	0.8	6.3	85	4.3	7	6	3	5	10	0	0	0	0	0	0	3	2	10	10	6	1	1	11	17	1	2	1	1	1	3	8	8	6
	9	151	1010.4	-	2.6	0.9	6.4	84	5.4	0	8	2	15	6	0	0	0	0	0	1	1	6	14	8	1	0	2	13	15	1	1	1	1	1	3	13	5	5
	15	151	1009.9	-	4.3	1.2	6.8	80	5.5	0	5	5	17	4	0	0	0	0	0	2	3	5	12	7	2	0	2	11	18	0	2	2	2	0	10	7	3	5
	21	151	1010.0	-	3.2	0.9	6.7	85	4.9	4	4	6	8	9	0	0	0	0	0	3	2	4	10	10	2	0	3	14	11	3	2	0	1	0	6	9	5	5

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																						
2 ENGLAND, N.E. —cont.																																														
Tynemouth H	3	130	1010.5	-	3.4	1.0	6.7	83	4.5	11	1	3	2	14	0	0	0	0	1	0	2	4	18	6	0	0	3	16	9	3	2	1	2	0	2	3	15	3
	9	130	1011.0	-0.7	3.3	1.0	6.7	84	5.4	2	4	6	9	10	0	0	0	0	0	5	7	9	7	3	0	0	2	15	14	0	1	1	1	1	4	4	12	7
	15	130	1010.6	-	5.1	1.5	6.9	77	5.8	1	4	5	10	11	0	0	0	0	0	6	7	8	7	3	0	0	8	11	12	0	4	0	4	0	7	4	10	2
	21	130	1010.9	-	4.2	1.2	6.8	81	4.3	7	4	7	4	9	0	0	0	0	1	2	5	7	12	4	0	0	5	13	13	0	4	0	2	1	6	4	13	1
Durham Middleton St. George H	3	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yorks., N.Riding Dishforth ... H	3	131	1011.4	-	2.6	0.8	6.6	85	5.1	5	2	8	5	8	3	2	1	0	3	1	1	4	5	11	3	0	1	9	16	5	8	2	0	1	4	6	4	1
	9	131	1012.0	-	1.9	0.7	6.4	87	5.4	1	7	5	6	10	2	1	3	0	0	3	1	4	6	10	3	0	0	14	15	2	6	2	0	5	3	6	3	4
	15	131	1011.5	-	3.7	1.1	6.7	82	5.6	0	9	1	12	6	3	1	3	1	0	1	5	5	5	8	2	0	2	14	15	0	7	0	5	5	4	1	7	2
	21	131	1011.8	-	3.0	0.8	6.7	86	5.3	2	8	3	3	12	3	0	3	0	1	3	2	5	6	7	4	0	2	10	16	3	6	1	0	1	6	5	4	5
Whitby Coastguard H	3	210	1010.3	-	3.7	1.1	6.8	83	4.7	7	5	1	9	9	0	0	0	0	0	0	2	11	16	2	0	2	3	17	9	0	1	3	3	1	10	6	5	2
	9	210	1011.0	-	3.3	1.0	6.6	82	6.0	0	3	7	9	12	0	0	0	0	0	0	2	7	17	5	0	2	4	12	13	0	3	2	2	2	11	6	3	2
	15	210	1010.5	-	5.0	1.5	6.8	75	5.6	1	4	5	17	4	0	0	0	0	0	0	2	7	15	7	0	3	5	15	8	0	2	1	2	1	14	3	5	3
	21	210	1010.7	-	4.2	1.2	6.8	81	4.7	5	6	3	10	7	0	0	0	0	0	0	1	10	20	0	0	1	8	11	11	0	4	1	3	0	13	6	1	3
Yorks., E. Riding Leconfield H	3	28	1011.8	-	2.9	0.8	6.7	86	4.5	5	9	1	5	9	2	0	2	0	1	2	1	6	13	4	2	0	5	7	13	6	2	0	3	1	6	4	7	2
	9	28	1012.4	-	2.4	0.8	6.5	85	5.7	0	6	4	12	8	1	0	3	1	0	4	0	9	6	6	2	0	1	13	14	3	4	0	2	1	5	6	6	4
	15	28	1012.0	-	4.4	1.1	7.1	82	5.5	2	6	3	10	9	1	0	1	0	1	2	4	11	7	5	0	0	3	12	14	2	2	3	1	1	6	8	3	5
	21	28	1012.2	-	3.3	0.8	6.9	86	5.0	6	2	6	8	8	1	0	3	0	0	2	1	12	9	3	1	0	2	11	18	0	1	1	3	0	6	7	7	6
Spurn Head H	3	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln Waddington H	3	227	1012.4	-	2.6	0.6	6.8	89	5.0	6	3	4	6	10	2	0	2	0	3	4	5	6	7	3	1	0	3	10	17	1	4	2	1	1	5	7	5	5
	9	227	1013.0	-	2.4	0.6	6.7	88	5.4	1	8	3	8	11	0	0	1	1	4	1	5	6	8	5	0	0	2	13	15	1	3	2	2	1	1	12	4	5
	15	227	1012.6	-	3.8	0.9	7.0	84	5.2	3	6	2	9	9	2	0	3	0	2	2	8	1	13	1	1	0	2	14	14	1	5	2	3	0	2	11	4	3
	21	227	1013.0	-	2.9	0.7	6.9	88	4.7	7	4	3	9	8	0	0	1	1	2	6	1	8	10	2	0	0	2	12	16	1	6	3	1	1	2	10	4	3
Binbrook ... H	3	356	1012.0	-	2.4	0.7	6.6	87	4.3	6	9	0	4	12	0	0	1	0	2	0	5	6	9	7	1	0	4	16	10	1	4	1	3	1	6	7	4	4
	9	356	1012.6	-	2.3	0.7	6.5	87	5.2	1	8	4	7	11	0	0	0	1	1	2	5	8	10	3	1	0	2	15	13	1	3	1	2	2	5	8	3	6
	15	356	1012.2	-	3.7	0.9	6.9	83	5.3	2	6	4	10	8	1	0	0	1	1	3	5	9	9	2	1	0	2	17	11	1	5	1	4	0	4	9	3	4
	21	356	1012.5	-	2.9	0.8	6.7	86	5.1	4	6	2	7	12	0	0	1	1	0	2	6	10	9	2	0	0	2	19	10	0	5	0	5	0	6	9	3	3
Manby ... H	3	47	1012.1	-	2.9	0.6	7.0	88	4.8	6	3	5	5	11	1	0	1	0	1	5	5	7	9	3	0	0	4	13	11	3	2	1	4	1	4	7	3	6
	9	47	1012.6	-	2.9	0.7	6.9	88	5.8	0	7	3	10	10	1	0	1	0	2	1	5	8	11	1	2	0	3	15	10	3	2	1	3	1	5	5	5	6
	15	47	1012.3	-	4.4	0.9	7.5	86	5.5	1	7	3	9	11	0	1	0	0	2	3	3	9	10	3	0	0	4	16	10	1	4	1	3	1	4	8	4	5
	21	47	1012.6	-	3.2	0.7	7.0	88	4.7	9	2	1	9	10	0	0	1	2	0	2	3	16	5	2	0	0	4	13	12	2	2	0	5	0	5	6	4	7
3 ENGLAND, E.																																														
Norfolk Marham H	3	89	1012.9	-	3.0	0.8	6.9	87	5.9	6	0	2	11	10	2	0	1	2	2	1	2	13	9	1	0	0	4	12	11	4	3	4	1	1	6	3	2	7
	9	89	1013.4	-	2.8	0.6	6.9	88	6.5	1	2	3	12	11	2	0	1	1	1	2	2	10	11	3	0	0	5	8	14	4	7	0	3	1	9	3	2	2
	15	89	1013.0	-	4.3	1.0	7.2	84	5.8	1	5	5	7	11	2	0	1	0	3	2	1	9	13	2	0	0	5	12	14	0	5	2	2	1	7	7	3	4
	21	89	1013.6	-	3.2	0.9	6.9	86	5.6	5	2	2	9	10	3	0	3	0	2	3	2	7	12	2	0	0	3	13	11	4	1	4	1	1	9	4	1	6
West Raynham H	3	263	1012.5	-	2.9	0.5	7.1	91	5.2	7	1	2	10	10	1	0	1	1	3	4	0	8	10	4	0	0	6	12	13	0	0	6	3	2	2	7	4	7
	9	263	1013.0	-	3.0	0.6	7.1	90	6.2	1	2	5	14	9	0	0	1	1	0	2	4	6	5	9	3	0	5	12	13	1	5	2	2	1	1	10	5	4
	15	263	1012.6	-	4.0	0.8	7.2	85	5.5	1	6	5	8	11	0	0	0	0	3	1	5	5	9	6	2	0	8	11	12	0	2	2	4	0	1	12	4	6
	21	263	1013.0	-	2.9	0.6	7.0	89	5.1	4	5	4	8	7	3	0	3	0	2	2	5	3	13	3	0	0	6	11	13	1	2	4	2	0	5	9	3	5
Coltishall ... H	3	57	1012.3	-	3.7	0.9	7.1	85	5.3	3	4	6	5	11	2	0	1	1	0	4	2	11	10	2	0	0	3	10	14	4	4	1	2	2	5	4	5	4
	9	57	1012.8	-	3.8	0.8	7.2	86	6.5	0	2	3	16	10	0	0	1	0	0	2	6	7	8	7	0	0	3	13	13	2	4	3	3	1	7	5	3	3
	15	57	1012.4	-	5.0	1.3	7.2	80	5.9	0	3	6	11	10	1	0	0	1	1	2	4	9	10	4	0	0	3	14	12	2	2	2	4	0	4	9	3	5
	21	57	1013.0	-	3.7	1.0	7.0	84	4.9	6	3	5	3	12	2	0	2	0	2	3	3	7	10	4	0	0	1	16	10	4	2	2	3	1	4	8	4	3
Gorleston H	3	26	1012.5	-	5.0	0.8	7.8	87	6.0	3	3	2	10	11	2	0	1	1	0	1	2	12	14	0	0	1	8	13	9	0	2	5	3	0	6	4	6	5
	9	26	1012.7	-1.9	4.7	0.8	7.7	87	6.4	1	0	7	11	12	0	1	0	0	0	1	4	15	10	0	0	0	10	12	8	1	1	4	3	1	6	4	7	4
	15	26	1012.6	-	5.4	0.9	7.9	86	6.4	0	4	3	11	12	1	1	0	0	0	1	6	16	7	0	0	0	9	11	11	0	3	5	1	2	4	5	7	4
	21	26	1013.1	-	4.7	0.8	7.7	87	5.1	8	0	5	4	13	1	0	2	0	0	1	3	14	11	0	0	0	7	13	11	0	1	2	5	0	6	8	4	5
Suffolk Mildenhall H	3	39	1013.0	-	2.9	0.7	7.0	89	6.2	5	0	3	6	13	4	0	4	0	0	2	2	6	13	4	0	0	2	7	18	4	4	3	1	0	3	8	2	6
	9	39	1013.5	-	3.0	0.7	7.0	88	6.3	2	2	2	11	13	1	0	1	0	3	1	3	5	10	8	0	0	2	6	19	4	3	0	3	1	1	12	2	5
	15	39	1013.2	-	4.5	1.0	7.4	84	5.8	2	3	4	8	12	2	0	2	0	2	2	6	3	7	9	0	0	0	11	18	2	3	4	2	0	5	8	2	5
	21	39	1013.6	-	3.5	0.8	7.1	87	5.7	4	2	4	7	14	0	0	1	1	2	4	2	6	13	2	0	0	0	10	20	1	3	3	2	1	3	9	4	5
Wattisham H	3	299	1013.1	-	2.8	0.5	7.1	91	5.8	6	1	3	4	16	1	0	1	1	0	1	5	14	7	2	0	1	2	14	14	0	7	2	2	0	6	5	3	6
	9	299	1013.6	-	2.6	0.5	7.0	90	6.4	0	3	4	12	9	3	0	3	1	0	2	4	6	10	5	0	0	3	12	16	0	7	0	2	1	4	7	3	7
	15	299	1013.2	-	3.9	0.8	7.3	87	6.2	0	5	2	11	12	1	0	0	1	1	3	5	5	12	2	1	0	3	16	12	0	5	4	2	0	3	9	2	6
	21	299	1013.8	-	2.7	0.6	6.9	89	5.5	5	3	3	7	10	3	0	3	1	3	0	2	12	8	2	0	0	3	12	16	0	4	4	1	0	4	10	2	6
Aldeburgh H	3	35	1013.6	-	4.3	0.9	7.3	85	5.4	7	1	2	6	15	0	0	0	2	0	0	0	13	16	0	0	0	2	16	13	0	4	2	4	0	7	4	5	5
	9	35	1014.1	-	4.1	0.8	7.4	88	6.1	1	4	4	8	13	1	0	0	0	2	0	1	19	9	0	0	0	3	13	15	0	3	2	3	0	9	3	4	7
	15	35	1013.9	-	5.0	1.0	7.5	85	6.2	2	1	6	5	17	0	0	0	1	0	0	3	17	10	0	0	0	3	14	14	0	2	4	1	2	3	6	6	7
	21	35	1014.2	-	4.1	0.9	7.2	85	4.6	8	3	4	3	13	0	0	1	0	0	0	4	16	11	0	0	0	2	15	14	0	3	1	5	0	7	3	8	4
Huntingdon Wyton ... H	3	141	1013.1	-	2.9	0.7	6.9	87	5.7	5	1	3	11	10	1	0	2	1	2	2	5	5	10	4	0	0	2	14	11	4	5	3	0	1	2	8	3	5
	9	141	1013.6	-	3.0	0.7	7.0	87	6.3	1	3	2	11	12	2	1	0	0	3	3	7	5	6	6	0	0	3	13	11	4	4	1	1	1	2	10	3	5
	15	141	1013.1	-	4.5	1.0	7.2	83	5.4	4	3	4	9	10	1	0	2	1	2	1	8	4	7	6	0	0	2	17	12	0	5	2	3	0	3	10	2	6
	21	141	1013.6	-	3.5	1.3	7.1	87	5.6	6	1	3	8	11	2	1	1	1	2	2	7	5	10	2	0	0	3	13	15	0	3	4	1	1	4	11	3	4
Bedford Cardington H	3	96	1013.3	-	3.1	0.8	7.0	88	6.0	5	1	3	5	16	1	0	1	1	2	1	6	11	9	0	0	0	3	10	13	5	4	3	0	1	5	6	5	2
	9	96	1013.8	-	3.1	0.7	7.0	87	6.0	2	2	5	8	13	1	0	1	1	1	1	5	8	13	1	0	0	4	9	14	4	5	2	0	1	7	8	3	1
	15	96	1013.3	-	4.8	1.1	7.3	83	6.1	3	2	3	9	12	2	0	1	1	0	2	5	7	14	1	0	0	2	14	13	2	5	3	2	0	5	8	4	2
	21	96	1013.9	-	3.6	0.9	7.1	86	5.8	2	4	4	7	14	0	1	1	0	1	1	4	9	14	0	0	0	2	15	10	4	4	4	0	1	3	10	3	2
Hertford Bovingdon H	3	517	1014.1	-	2.6	0.6	6.8	88	5.1	5	1	7	7	11	0	0	0	1	1	4	3	10	9	3	0	0	1	12	16	2	9	3	0	1	3	6	4	3
	9	517	1014.6	-	2.4	0.6	6.8	88	5.6	2	5	3	8	13	0	0	1	1	3	1	5	6	8	6	0	0	0	13	17	1	7	2	2	2	5	4	2	6
	15	517	1014.0	-	4.1	1.2	6.9	81	5.7	4	4	1	9	13	0	0	1	1	1	3	4	7	8	4	2	0	1	13	15	2	7	3	2	0	6	6	1	4
	21	517	1014.7	-	3.0	0.8	6.8	86	5.5	5	2	3	5	16	0	0	1	1	2	1	6	7	10	3	0	0	0	12	15	4	7	3	1	1	5	5	3	2
Essex Stansted H	3	334	1013.5	-	2.6	0.6	7.0	90	4.9	6	2	5	7	11	0	0	1	1	1	4	3	9	10	2	0	0	3	11	15	2	6	3	0	1	3	7	4	5
	9	334	1013.9	-	2.6	0.5	7.0	91	6.3	1	4	1	11	12	2	0	1	1	2	2	4	7	5	6	3	0	1	13	13	4	8	2	0	1	5	4	3	4
	15	334	1013.4	-	4.0	0.8	7.2	85	5.8	5	2	1	11	11	1	0	1	1	2	2	3	9	5	6	2	0	1	15	13	2	7	3	2	0	5	7	1	4
	21	334	1014.1	-	3.1	0.6	7.1	89	5.6	6	0	5	5	14	1	0	1	0	1	5	4	7	11	2	0	0	1	15	12	3	6	4	1	1	4	8	2	2
Shoeburyness H	9	17	1013.9	-1.5	4.0	0.9	7.2	86	6.3	3	1	4	8	13	2	1	1	0	1	2	6	7	12	1	0	0	6	12	12	1	9	1	2	1	1	7	5	4
	15	17	1013.4	-	5.1	1.1	7.4	81	5.8	4	2	4	5	16	0	0	0	0	2	4	5	10	10	0	0	0	5	12	14	0	8	3	2	1	2	8	3	4
	21	17	1014.1	-	4.2	0.9	7.3	85	5.7	6	0	4	7	13	1	0	1	0	0	5	4	10	9	1	1	0	5	14	12	0	5	1	5	1	2	9	4	4
Walton-on-Naze ... H	3	21	1013.2	-	4.1	0.7	7.4	88	5.4	4	4	4	5	14	0	0	1	0	0	3	1	19	7	0	0	0	7	9	15	0	4	1	3	1	3	7	4	8
	9	21	1013.7	-	3.9	0.6	7.4	89	6.0	1	3	4	11	12	0	0	1	0	0	2	4	15	9	0	0	0	4	13	14	0	6	1	2	2	2	5	4	9
	15	21	1013.3	-	4.9	0.8	7.6	87	6.5	0	3	4	9	14	1	0	1	0	2	0	6	15	7	0	0	0	3	13	15	0	7	1	3	2	0	7	5	6
	21	21	1013.9	-	4.1	0.8	7.2	86	5.7	3	5	1	6	15	1	0	1	0	0	5	2	10	12	1	0	0	4	13	13	1	4	0	5	1	2	8	3	7
4 MIDLAND COUNTIES																																														
Yorks, W.R. Huddersfield Oakes H	3	769	1011.4	-	1.7	0.6	6.3	88	5.2	4	1	9	4	12	1	1	1	0	2	1	7	13	3	3	0	2	3	6	15	5	2	5	2	0	1	5	9	2
	9	769	1011.9	-	1.8	0.6	6.5	88	5.1	2	7	6	1	15	0	0	0	1	2	2	9	10	1	6	0	0	3	8	16	4	4	3	0	1	4	8	5	2
	15	769	1011.4	-	3.3	0.8	6.9	87	5.3	3	5	3	10	10	0	0	0	0	0	2	8	14	3	4	0	1	1	8	19	2	5	5	1	0	3	9	5	1
	21	769	1011.9	-	2.3	0.3	6.8	89	5.8	3	2	5	6	15	0	1	0	0	1	4	4	15	2	4	0	2	2	10	11	6	2	4	0	2	3	6	5	3

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	Cloud Amount (Oktas): No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0–44 yd.	45–219 yd.	220–439 yd.	440–1,099 yd.	1,100–2,199 yd.	2,200–4,399 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
4 MIDLAND COUNTIES —cont.																																													
Nottingham Watnall ... H	3	390	1012.5	-	2.4	0.5	6.8	90	5.1	6	2	5	7	10	1	1	0	0	7	4	1	6	11	1	0	0	2	9	18	2	4	1	3	1	1	7	6	6							
	9	390	1012.9	-	2.1	0.5	6.6	90	5.7	3	4	3	6	13	2	3	1	2	0	5	7	8	4	1	0	0	2	10	14	5	6	1	2	1	0	9	5	2							
	15	390	1012.4	-	3.9	0.9	7.1	84	5.2	6	3	2	9	10	1	0	0	0	3	10	3	7	8	0	0	0	0	11	18	2	3	3	4	0	2	7	5	5							
	21	390	1012.9	-	2.7	0.6	6.9	89	5.5	5	2	2	9	13	0	1	1	0	4	8	7	9	1	0	0	0	1	9	20	1	5	3	2	0	2	6	7	5							
Finningley H	3	46	1012.0	-	3.0	0.9	6.7	85	4.5	12	1	0	4	13	1	0	1	2	4	2	2	6	9	4	1	0	4	11	12	4	6	0	2	2	5	3	6	3							
	9	46	1012.6	-	2.7	0.9	6.5	84	5.2	1	8	4	6	10	2	1	1	0	3	3	3	6	12	2	0	0	4	10	13	4	4	2	0	1	5	8	1	6							
	15	46	1012.1	-	4.6	1.2	7.0	80	5.4	1	7	3	12	6	2	0	2	0	0	4	6	8	8	2	1	0	3	12	15	1	5	1	3	0	5	7	5	4							
	21	46	1012.5	-	3.4	0.9	6.9	85	5.3	5	2	4	9	9	2	1	1	0	3	4	4	12	6	0	0	0	3	12	13	3	5	0	1	1	5	7	3	6							
Northampton Wittering H	3	219	1013.0	-	2.7	0.7	6.7	86	4.7	8	2	4	7	9	1	0	1	1	1	1	7	10	6	3	1	0	2	14	14	1	3	2	1	1	3	6	7	7							
	9	219	1013.4	-	2.7	0.8	6.8	86	5.6	2	5	2	10	12	0	0	1	0	0	5	3	6	11	4	1	0	2	13	14	2	2	3	0	1	4	8	3	8							
	15	219	1013.0	-	4.7	1.2	7.2	81	5.3	1	8	2	9	11	0	0	0	0	0	3	6	9	6	6	1	0	0	16	15	0	5	2	3	0	4	9	3	5							
	21	219	1013.5	-	3.1	0.8	6.9	86	6.1	4	1	2	11	12	1	0	0	0	3	2	6	11	6	3	0	0	2	12	16	1	2	5	0	1	6	5	5	6							
Warwick Edgbaston H	9	542	1013.7	-	2.7	0.5	6.9	89	5.7	4	5	0	8	12	2	0	0	2	4	8	2	8	5	2	0	0	0	10	21	0	8	1	2	2	2	11	3	2							
	15	542	1013.1	-	4.6	1.3	7.0	80	4.7	7	4	3	6	11	0	0	0	2	3	5	1	13	3	4	0	0	0	17	14	0	7	2	3	1	6	4	6	2							
	21	542	1013.6	-	4.1	1.0	7.0	82	5.2	4	3	4	5	15	0	0	0	0	3	8	2	8	7	3	0	0	1	9	21	0	5	3	2	0	4	9	4	4							
Elmdon ... H	3	362	1013.1	-	2.6	0.9	6.6	85	5.0	8	2	2	7	11	1	0	2	0	1	5	3	13	1	4	2	0	2	9	15	5	6	0	2	1	3	7	2	5							
	9	362	1013.5	-	2.2	0.6	6.7	89	6.0	2	4	2	9	12	2	2	1	2	1	4	9	6	1	5	0	0	1	12	12	6	4	1	1	1	3	8	3	4							
	15	362	1013.0	-	4.3	1.3	6.8	79	5.0	3	7	4	5	12	0	0	1	0	2	3	11	9	5	0	0	0	0	16	11	4	6	2	3	0	3	7	4	2							
	21	362	1013.5	-	3.0	0.7	6.8	86	5.8	5	1	1	14	9	1	0	1	0	2	5	7	15	1	0	0	0	1	14	13	3	5	3	2	1	4	8	3	2							
Shropshire Shawbury H	3	249	1012.9	-	2.1	0.6	6.7	90	5.3	7	2	3	5	12	2	0	5	0	2	3	0	10	3	8	0	0	3	6	20	2	5	2	3	1	6	8	2	2							
	9	249	1013.0	-	2.0	0.6	6.7	90	5.8	1	4	5	9	10	2	0	5	0	4	2	1	6	4	9	0	0	2	9	14	6	3	1	3	3	2	7	3	3							
	15	249	1012.6	-	4.5	1.1	7.1	82	5.4	7	2	3	5	12	2	0	1	0	2	2	2	9	9	5	1	0	2	13	13	3	6	0	4	1	6	5	4	2							
	21	249	1013.2	-	3.0	0.6	7.1	89	5.5	2	6	4	6	12	1	0	2	0	1	5	3	9	5	6	0	0	0	10	17	4	3	2	2	3	4	7	4	2							
Worcester Pershore ... H	3	117	1013.6	-	3.1	0.6	7.1	89	5.7	6	2	0	8	12	3	0	3	1	2	2	3	5	10	5	0	1	1	9	13	7	2	3	1	1	2	8	4	3							
	9	117	1014.1	-	2.6	0.6	6.9	89	6.5	2	3	0	9	13	4	0	5	1	1	3	1	10	6	3	1	0	3	9	10	9	4	2	2	1	1	9	1	2							
	15	117	1013.4	-	4.7	1.2	7.3	83	5.6	5	2	3	7	11	3	1	2	1	3	0	6	6	7	5	0	0	3	14	9	5	6	2	3	0	3	10	2	0							
	21	117	1014.1	-	3.5	0.7	7.2	87	6.1	3	2	3	6	13	4	1	1	1	2	3	5	5	5	8	0	0	4	11	10	6	5	2	2	0	2	6	7	1							
Hereford Ross-on-Wye H	9	226	1013.8	-0.9	3.0	0.7	7.0	88	6.0	3	4	0	8	13	3	0	5	0	1	0	4	5	3	12	1	0	0	6	18	7	4	3	2	0	2	10	1	2							
	15	226	1013.0	-	5.0	1.2	7.3	81	6.0	0	7	1	9	11	3	1	1	1	1	2	0	12	2	10	1	0	0	9	19	3	9	2	3	0	3	7	4	0							
	21	226	1013.7	-	3.9	0.8	7.3	86	6.3	2	4	1	3	19	2	0	1	1	2	3	2	9	3	10	0	0	2	7	21	1	4	6	2	0	4	7	5	2							
Gloucester Filton ... H	3	197	1013.9	-	3.8	0.6	7.5	89	5.4	3	7	0	6	14	1	0	1	0	0	2	3	13	12	0	0	0	2	11	14	4	6	4	1	1	2	7	6	0							
	9	197	1014.4	-	3.3	0.6	7.3	90	6.1	3	2	4	8	13	1	0	2	1	3	4	2	10	7	2	0	0	2	8	14	7	8	3	1	0	1	10	1	0							
	15	197	1013.7	-	5.3	0.8	7.8	84	5.3	2	7	4	6	11	1	0	0	0	2	4	6	10	5	4	0	0	2	11	17	1	10	2	2	0	6	6	2	2							
	21	197	1014.4	-	4.2	0.7	7.6	88	5.6	2	7	1	6	15	0	0	1	0	2	4	3	15	6	0	0	0	2	10	13	6	7	2	0	1	2	8	4	1							
Gloucester H	3	79	1014.1	-	3.7	0.7	7.4	89	6.3	2	3	2	9	11	4	0	2	0	3	2	5	11	8	0	0	0	0	9	15	7	3	4	1	0	8	5	2	1							
	9	79	1014.4	-	3.3	0.6	7.3	89	6.7	3	1	0	9	13	5	0	4	1	2	3	3	9	4	3	2	0	1	7	15	8	5	2	1	2	6	5	2	0							
	15	79	1013.8	-	5.0	1.0	7.6	84	5.9	1	6	1	10	10	3	1	1	2	4	3	3	7	2	8	0	0	0	12	13	6	3	5	1	0	6	8	0	2							
	21	79	1014.5	-	4.1	0.7	7.5	87	6.4	2	3	2	7	14	3	0	2	1	2	7	2	8	6	3	0	0	0	9	15	7	6	2	0	0	6	7	1	2							
Little Rissington H	3	751	1013.7	-	2.5	0.4	7.0	92	5.2	7	3	2	3	13	3	0	2	0	2	4	3	6	10	3	1	0	1	16	13	1	9	4	0	2	1	6	6	2							
	9	751	1014.2	-	2.3	0.4	7.0	91	5.9	2	4	4	8	12	1	0	0	1	3	4	3	5	9	5	1	0	4	9	15	3	4	3	2	1	1	9	4	4							
	15	751	1013.5	-	3.8	0.9	7.0	84	5.9	0	7	2	9	10	3	0	3	0	0	0	6	6	7	5	4	0	6	11	10	4	7	1	3	0	1	8	5	2							
	21	751	1014.1	-	2.8	0.6	7.0	89	6.0	4	2	2	9	12	2	0	0	1	0	3	6	8	5	7	1	0	3	12	16	0	5	4	3	0	4	10	2	3							
5 ENGLAND, S.E.																																													
Middlesex London (Heathrow) Airport H	3	86	1013.7	-	3.8	0.8	7.3	87	5.5	4	2	8	3	12	2	0	2	0	1	2	3	8	12	3	0	0	3	10	17	1	7	5	0	1	3	7	3	4							
	9	86	1014.2	-	3.8	0.9	7.2	86	6.0	0	4	6	9	12	0	0	0	0	1	4	5	6	8	5	2	0	3	11	14	3	6	4	0	1	2	9	4	2							
	15	86	1013.6	-	5.5	1.4	7.4	80	5.7	2	6	1	10	12	0	0	0	0	1	4	5	9	6	6	0	0	0	16	15	0	7	4	2	0	5	7	3	3							
	21	86	1014.3	-	4.3	0.9	7.3	84	5.6	4	3	4	6	13	1	0	1	0	2	3	5	8	6	6	0	0	1	13	13	4	5	3	1	1	3	7	5	2							
Surrey Kew Observatory H	9	34	1014.4	-1.0	4.4	1.1	7.1	81	6.0	2	4	1	13	11	0	0	0	0	2	5	0	11	7	5	1	0	3	9	16	3	7	0	3	1	2	9	4	2							
	15	34	1013.7	-	5.7	1.6	7.2	75	5.7	2	6	1	9	13	0	0	0	0	2	3	4	10	6	6	0	0	0	15	16	0	8	2	3	1	2	10	3	2							
	21	34	1014.4	-	4.8	1.3	7.1	79	5.6	6	1	1	14	7	2	1	2	0	1	2	2	8	7	8	0	0	0	11	19	1	4	6	2	0	4	7	6	1							
Gatwick H	3	195	1014.0	-	2.9	0.6	7.2	89	5.3	5	3	5	5	12	1	0	1	1	2	2	2	8	11	4	0	0	2	11	15	3	6	2	2	0	2	7	6	3							
	9	195	1014.6	-	2.9	0.5	7.2	90	6.3	2	1	6	8	13	1	0	1	0	0	7	5	6	6	4	2	0	2	8	16	5	6	2	0	1	2	8	2	5							
	15	195	1013.9	-	5.0	1.1	7.5	83	5.9	1	7	1	7	15	0	0	0	1	1	4	2	13	5	5	0	0	1	14	16	0	8	4	1	0	2	10	1	5							
	21	195	1014.2	-	3.5	0.6	7.4	89	5.4	8	2	0	4	15	2	0	3	0	2	3	2	12	8	1	0	0	3	10	14	4	4	4	2	0	4	8	1	4							
Kent Deal ... H	3	34	1014.0	-	5.3	0.9	8.0	86	4.8	4	5	7	4	11	0	0	0	0	1	1	1	8	15	5	0	0	9	13	8	1	2	4	4	0	4	6	6	4							
	9	34	1014.3	-	5.1	0.9	7.7	86	6.3	2	3	2	8	15	1	0	0	1	2	1	4	11	9	3	0	0	8	11	10	2	2	6	1	1	1	6	8	4							
	15	34	1013.9	-	6.0	1.1	8.0	83	6.4	1	4	3	6	17	0	0	0	0	1	2	5	9	12	2	0	1	3	17	9	1	1	4	4	1	2	6	7	5							
	21	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Manston ... H	3	148	1013.7	-	4.5	0.9	7.5	86	5.2	4	4	4	8	11	0	0	1	0	1	1	2	10	12	4	0	0	5	15	10	1	1	6	3	0	4	7	4	5							
	9	148	1014.3	-	4.4	0.9	7.4	84	6.4	2	1	5	8	14	1	0	2	0	1	1	1	8	11	6	1	1	6	11	11	2	5	4	2	2	2	7	2	5							
	15	148	1013.7	-	5.4	1.0	7.7	83	6.3	1	3	4	9	14	0	0	0	0	1	2	5	7	11	4	1	0	8	11	11	1	5	3	3	1	4	7	3	4							
	21	148	1014.4	-	4.6	0.9	7.4	84	6.1	2	0	8	6	14	1	0	0	2	0	1	2	10	10	6	0	0	6	16	9	0	4	2	4	1	5	8	2	5							
Sussex Thorney Island H	3	35	1014.4	-	4.4	0.8	7.7	88	5.1	6	4	1	6	14	0	0	0	0	1	1	3	11	9	6	0	0	1	6	23	1	6	4	3	0	1	6	8	2							
	9	35	1014.9	-	4.4	0.7	7.7	87	5.9	0	6	3	7	15	0	0	0	0	1	0	7	6	12	2	3	0	3	9	18	1	9	3	1	1	3	7	1	5							
	15	35	1014.2	-	6.0	1.2	7.9	82	5.2	4	6	1	10	10	0	0	0	0	2	0	5	13	9	1	1	0	1	12	17	1	9	2	2	0	4	3	7	3							
	21	35	1014.9	-	4.5	0.7	7.8	88	4.8	7	4	4	3	13	0	0	0	0	1	5	2	8	13	2	0	0	1	10	18	2	8	4	2	0	2	4	7	2							
East Hoathly H	9	133	1014.8	-	3.6	0.6	7.4	89	6.3	0	5	3	8	14	1	0	1	0	2	1	5	10	7	3	2	0	2	7	17	5	7	1	2	0	1	7	6	2							
	15	133	1014.1	-	5.4	1.0	7.9	85	6.0	2	1	5	11	12	0	0	0	0	2	2	5	12	8	2	0	0	2	10	16	3	8	1	4	0	3	4	3	5							
	21	133	1014.9	-	3.9	0.6	7.6	90	5.0	6	4	2	5	13	1	0	1	0	2	3	2	16	2	4	1	0	2	8	16	5	5	1	7	0	3	4	5	1							
Eastbourne Coastguard H	9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	15	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Berkshire Abingdon H	3	234	1013.0	-	3.3	0.7	7.1	88	5.5	4	2	5	8	11	1	0	1	0	2	5	2	7	12	2	0	0	1	11	14	5	6	3	1	1	2	4	7	2							
	9	234	1014.3	-	3.0	0.7	7.0	88	6.2	0	6	3	7	13	2	0	2	0	1	4	3	6	11	4	0	0	2	10	15	4	6	3	0	2	1	6	5	4							
	15	234	1013.7	-	4.8	1.1	7.4	83	6.0	4	1	3	11	10	2	0	2	0	2	2	5	8	5	7	0	0	1	15	11	4	9	11	2	0	3	6	5	1							
	21	234	1014.4	-	3.4	0.8	7.1	87	5.4	5	2	5	5	13	1	1	2	0	1	4	3	11	7	2	0	0	1	12	12	6	4	6	0	1	2	7	4	1							
Hampshire Hurn ... H	3	46	1014.2	-	3.7	0.7	7.4	88	4.9	8	2	3	4	13	1	0	1	0	0	6	2	7	13	2	0	0	2	9	17	3	6	3	2	0	0	9	4	4							
	9	46	1014.6	-	3.8	0.7	7.5	89	5.4	2	6	3	7	12	1	0	0	1	1	5	3	12	5	4	0	0	3	8	16	4	7	2	1	0	1	7	3	6							
	15	46	1013.9	-	6.1	1.3	7.9	81	5.5	2	7	1	8	12	1	0	0	0	1	1	6	12	5	6	0	0	0	17	14	0	10	4	2	0	2	6	6	1							
	21	46	1014.6	-	4.2	0.8	7.6	88	5.2	7	2	2	8	12	0	0	0	1	2	2	4	12	8	2	0	0	2	9	15	5	6	3	2	0	2	7	4	2							
S. Farnborough H	3	231	1014.1	-	3.5	0.7	7.3	88	5.8	4	2	4	5	14	2	0	1	1	1	1	5	12	5	5	0	0	1	11	14	5	2	3	2	3	2	6	5	3							
	9	231	1014.7	-0.8	3.5	0.7	7.2	87	6.1	1	5	1	12	11	1	0	1	0	3	2	5	5	5	9	1	0	2	12	15	2	5	1	4	1	2	8	6	2							
	15	231	1013.9	-	5.3	1.1	7.5	82	5.6	6	2	1	9	13	0	0	1	0	2	2	2	13	2	7	2	0	2	15	14	0	6	2	3	0	4	7	6	3							
	21	231	1014.7	-	3.7	0.7	7.4	88	5.5	5	4	2	3	15	2	1	1	0	2	4	2	9	5	6	1	0	2	10	14	5	3	4	2	1	2	8	4	2							
Wiltshire Lyneham H	3	489	1014.2	-	2.9	0.6	7.1	90	5.9	4	1	4	6	16	0	0	1	0	0	5	4	9	9	3	0	0	1	13	16	1	6	4	1	1	4	6	5	3							
	9	489	1014.6	-	2.7	0.6	7.1	89	5.9	3	4	0	11	13	0	0	3	0	1	4	4	3	12	4	0	0	2	11	14	4	6	2	0	1	2	10	2	4							
	15	489	1013.9	-	4.2	0.9	7.3	85	6.1	0	5	4	7	13	2	0	3	0	0	3	1	10	5	9	0	0	1	17	11	2	6	5	1	0	5	7	2	3							
	21	489	1014.6	-	3.4	0.6	7.2	88	6.0	1	4	3	12	11	0	0	0	0	0	1	7	9	8	6	0	0	2	13	15	1	5	6	0	0	7	8	2	2							

TABLE IV (*continued*)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1964

District, County and Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Mean Temperature and Humidity: Depression of Wet Bulb	Mean Temperature and Humidity: Vapour Pressure	Mean Temperature and Humidity: Relative Humidity	Cloud Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12): Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																					
5 ENGLAND, S.E. —cont.																																													
Boscombe Down H	3	419	1014.5	-	3.2	0.6	7.1	88	5.3	2	7	3	5	13	1	0	0	0	3	2	4	8	11	3	0	0	3	12	14	2	9	1	2	2	2	5	3	5
	9	419	1014.8	-	3.0	0.5	7.2	90	6.1	1	4	3	8	15	0	0	1	0	4	0	7	5	7	6	1	0	6	9	12	4	9	2	2	1	2	6	3	2
	15	419	1014.0	-	5.0	1.1	7.5	83	5.4	5	4	2	7	13	0	0	0	0	1	3	5	6	8	7	1	0	3	15	12	1	10	1	3	1	4	3	7	1
	21	419	1014.7	-	3.6	0.7	7.2	87	5.0	7	4	1	5	14	0	0	0	1	0	4	5	7	10	4	0	0	3	12	13	3	6	2	3	0	4	7	3	3
Upavon ... H	9	582	1014.4	-	2.8	0.4	7.3	92	5.8	4	2	3	9	12	1	0	2	1	0	3	3	12	3	6	1	0	4	8	15	4	8	4	1	0	2	7	3	2
	15	582	1013.5	-	4.3	0.9	7.5	87	5.5	1	8	1	7	14	0	0	0	1	0	2	4	8	7	6	3	0	4	12	13	2	7	5	2	0	2	5	6	2
	21	582	1014.2	-	3.1	0.4	7.3	91	5.1	6	4	2	3	15	1	0	0	0	3	5	1	7	9	6	0	0	5	6	17	3	7	4	2	1	3	7	2	2
7a ENGLAND, N.W.																																													
Cumberland Carlisle ... H	3	92	1011.3	-	2.2	0.8	6.4	87	4.5	8	5	3	2	13	0	0	0	0	0	5	2	9	10	5	0	0	3	8	12	8	0	3	3	1	3	8	2	3
	9	92	1011.7	-	2.3	0.9	6.4	85	5.1	0	8	6	10	7	0	0	0	0	0	1	4	10	14	2	0	0	0	8	17	6	2	3	3	4	3	7	3	0
	15	92	1011.3	-	4.7	1.2	7.1	81	5.5	0	5	8	10	8	0	0	0	0	1	0	6	9	14	1	0	0	3	4	19	5	1	4	1	3	3	6	7	1
	21	92	1011.4	-	3.6	0.9	7.0	85	5.6	3	5	2	8	13	0	0	0	0	1	0	4	13	12	1	0	0	2	6	17	6	1	3	2	0	5	10	4	0
Lancashire Squires Gate H	3	35	1011.6	-	3.4	0.6	7.3	90	5.7	2	4	4	7	14	0	0	0	0	3	1	5	6	10	5	1	0	4	10	16	1	3	5	2	5	3	6	3	3
	9	35	1012.0	-	3.5	0.7	7.2	88	5.8	0	5	7	10	9	0	0	0	0	1	6	10	3	5	6	0	0	5	11	14	1	6	2	5	3	4	6	3	1
	15	35	1011.7	-	5.4	1.0	7.7	84	5.6	0	8	3	9	11	0	0	0	0	2	2	12	10	5	0	0	0	4	14	11	2	5	4	2	3	4	5	5	1
	21	35	1011.9	-	4.4	0.8	7.6	88	5.9	1	3	8	6	13	0	0	0	0	1	7	6	14	2	1	0	0	5	12	13	1	5	5	2	3	5	4	4	2
Speke ... H	3	85	1012.2	-	3.7	0.8	7.1	85	5.1	4	4	4	10	8	1	0	0	1	1	2	4	8	10	4	1	1	3	6	18	3	5	2	1	4	4	4	4	4
	9	85	1012.6	-	3.6	0.9	7.0	85	5.7	0	5	6	11	8	1	0	1	0	2	5	3	12	6	1	1	0	2	12	12	5	4	1	3	4	4	6	2	2
	15	85	1012.2	-	5.4	1.4	7.3	79	5.7	0	5	4	16	6	0	0	0	1	0	7	3	10	7	3	0	0	2	16	10	3	3	1	3	3	5	6	4	3
	21	85	1012.6	-	4.5	1.0	7.3	83	4.7	4	5	6	9	7	0	0	0	0	3	4	7	7	8	0	2	0	2	10	15	4	2	3	2	3	5	4	5	3
Cheshire Ringway H	3	251	1012.2	-	2.7	0.8	6.6	85	5.3	5	3	5	4	12	2	1	0	2	0	2	6	13	6	1	0	0	4	6	13	8	4	1	1	1	8	5	2	1
	9	251	1012.6	-	2.6	0.8	6.5	85	5.5	2	5	4	10	8	2	1	0	0	4	3	6	7	8	2	0	0	1	10	14	6	3	0	3	1	10	4	1	3
	15	251	1012.1	-	4.7	1.4	6.8	78	5.4	1	4	9	9	7	1	0	0	0	3	5	7	7	8	1	0	0	1	11	17	2	4	1	3	1	8	8	1	3
	21	251	1012.5	-	3.8	1.1	6.9	83	5.8	3	3	4	6	14	1	0	0	1	2	4	5	14	4	1	0	0	2	7	17	5	2	1	3	1	10	3	3	3
7b NORTH WALES																																													
Anglesey Valley ... H	3	36	1012.1	-	5.5	0.8	8.0	87	4.6	6	6	3	5	11	0	0	0	0	0	0	1	8	9	11	2	5	6	7	12	1	4	7	3	0	4	6	4	2
	9	36	1012.4	-0.5	6.0	1.0	8.2	85	6.2	0	3	4	16	8	0	0	0	0	0	0	3	4	8	11	5	2	9	12	8	0	6	2	4	0	3	11	3	2
	15	36	1012.1	-	6.7	1.1	8.3	83	6.2	0	4	4	10	13	0	0	0	0	0	0	3	6	10	8	4	4	8	13	5	1	4	6	1	0	7	6	4	2
	21	36	1012.3	-	6.0	1.0	8.2	85	4.8	1	9	6	6	9	0	0	0	0	0	0	3	2	14	10	2	5	6	11	8	1	5	4	1	0	6	5	5	4
8a SOUTH WALES																																													
Cardigan Aberporth H	3	382	1013.1	-	5.1	0.9	7.8	85	5.6	2	7	2	4	16	0	0	0	0	0	0	0	12	9	6	4	0	8	9	10	4	1	1	4	3	5	6	4	3
	9	382	1013.4	-	4.7	0.9	7.5	85	6.0	1	5	2	11	12	0	0	0	0	0	4	4	8	9	6	1	7	13	8	2	3	2	4	1	10	6	1	2
	15	382	1012.6	-	6.0	1.2	7.9	82	6.2	0	3	4	14	10	0	0	0	0	0	0	1	9	6	10	5	0	9	14	7	1	5	2	3	0	8	6	5	1
	21	382	1013.4	-	5.5	1.1	7.8	83	5.2	2	8	4	5	12	0	0	0	0	0	0	1	6	12	9	3	0	7	15	6	3	4	1	4	0	7	5	4	3
Glamorgan Mumbles Head H	3	123	1013.7	-	5.5	1.0	7.8	83	4.4	4	8	6	2	11	0	0	0	0	0	0	0	13	11	6	1	3	4	16	8	0	5	5	3	0	0	7	5	6
	9	123	1013.9	-	5.3	1.0	7.7	85	5.6	1	5	4	10	11	0	0	0	0	0	0	3	17	8	3	0	2	9	10	9	1	6	6	5	0	0	8	3	2
	15	123	1013.3	-	6.8	1.6	7.8	76	6.1	0	4	5	9	13	0	0	0	0	0	2	2	14	7	5	1	1	13	11	6	0	2	6	4	1	4	5	6	3
	21	123	1014.1	-	5.8	1.1	7.9	83	5.5	2	7	1	7	14	0	0	0	0	0	0	1	10	14	6	0	4	6	10	11	0	7	5	3	1	1	5	7	2
Rhoose ... H	3	225	1014.0	-	4.0	0.6	7.6	90	4.7	7	4	3	2	14	1	0	1	0	0	3	0	11	5	9	2	0	3	11	15	2	3	5	4	0	1	6	4	6
	9	225	1014.4	-	4.1	0.6	7.7	90	5.9	1	5	2	11	11	1	0	1	0	1	1	4	10	5	8	1	0	2	12	15	2	6	7	3	1	1	5	5	1
	15	225	1013.6	-	5.7	1.0	8.0	85	5.9	0	6	3	11	11	0	0	0	0	2	1	4	11	5	6	2	0	6	12	13	0	5	6	4	1	1	5	7	2
	21	225	1014.4	-	4.4	0.7	7.7	88	5.9	2	2	7	4	15	1	0	1	0	1	2	2	8	10	6	1	0	5	12	14	0	5	8	2	1	0	5	7	3
8b ENGLAND, S.W.																																													
Dorset Portland Bill H	3	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	15	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	21	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Devon Hartland Pt. H	3	306	1013.3	-	6.5	0.9	8.5	86	6.4	0	2	8	8	13	0	0	0	0	0	0	2	7	12	4	6	6	10	8	6	1	4	7	3	0	3	2	8	3
	9	306	1013.5	-	6.1	0.7	8.6	89	6.1	0	5	3	14	9	0	0	0	0	0	0	0	8	15	3	5	1	13	10	7	0	3	2	6	2	2	4	7	5
	15	306	1012.1	-	7.0	1.1	8.7	85	6.4	0	2	4	17	8	0	0	0	0	0	0	1	7	13	7	3	2	12	10	6	1	4	6	4	0	2	3	10	1
	21	306	1014.0	-	6.3	0.9	8.6	86	5.5	2	5	5	6	12	1	0	0	0	0	0	1	7	13	5	5	6	10	10	5	0	3	7	3	0	2	1	10	5
Mount Batten H	3	100	1014.5	-	5.4	0.6	8.6	90	4.9	7	3	2	7	12	0	0	0	0	0	0	2	19	10	0	0	1	5	9	13	3	8	5	1	1	0	6	4	3
	9	100	1014.6	-1.0	5.1	0.7	8.2	90	5.1	4	4	5	9	9	0	0	2	0	1	1	3	12	8	4	0	1	4	9	11	6	3	4	6	0	1	4	5	2
	15	100	1013.8	-	7.5	1.2	8.7	83	6.2	0	3	5	13	10	0	0	0	0	0	2	4	12	10	3	0	0	6	12	12	1	5	6	3	0	5	3	7	1
	21	100	1014.7	-	6.0	0.7	8.6	89	5.0	5	6	3	3	14	0	0	0	0	0	0	7	18	6	0	0	1	6	10	14	0	5	6	3	0	1	4	8	4
Chivenor ... H	3	23	1014.5	-	5.4	0.9	8.1	87	5.6	1	5	6	9	10	0	0	0	0	0	1	2	11	7	5	5	1	5	7	11	7	1	2	9	0	1	4	3	4
	9	23	1014.7	-	4.9	0.7	7.9	88	6.0	0	5	3	11	12	0	0	0	0	0	1	2	11	5	8	4	1	5	10	12	3	4	1	11	1	3	3	2	3
	15	23	1013.8	-	7.3	1.4	8.4	80	6.1	0	1	10	9	11	0	0	0	0	0	0	0	11	8	10	2	0	5	12	11	3	4	4	5	0	4	4	5	2
	21	23	1014.8	-	5.8	1.0	8.1	84	5.9	1	4	5	8	13	0	0	0	0	0	0	1	15	5	9	1	0	5	11	9	6	5	3	6	0	2	3	6	0
Exeter ... H	3	125	1014.8	-	4.3	0.7	7.7	89	5.1	5	6	0	6	14	0	0	1	0	0	5	1	8	7	6	3	0	4	12	11	4	2	6	3	2	1	6	4	3
	9	125	1015.1	-	3.9	0.7	7.5	88	5.5	3	5	2	12	9	0	0	1	1	3	1	3	9	7	4	2	0	2	9	16	4	6	5	3	0	3	2	4	4
	15	125	1014.2	-	6.6	1.3	8.1	81	5.8	0	7	2	10	12	0	0	0	0	1	0	5	7	8	8	2	0	3	14	11	3	6	4	2	0	5	5	4	2
	21	125	1015.0	-	5.2	0.9	8.0	86	5.9	3	1	5	9	13	0	0	0	0	0	1	4	9	12	5	0	0	4	11	16	0	6	6	1	1	4	5	4	4
Cornwall St. Mary's, Scilly H	3	199	1014.8	-	8.3	1.1	9.4	84	5.6	0	6	8	1	16	0	0	0	0	0	0	0	5	11	5	10	1	11	14	5	0	4	4	6	0	2	5	5	5
	9	199	1015.0	-0.1	8.0	1.1	9.3	85	6.1	0	2	7	15	7	0	0	0	0	0	0	0	7	8	10	6	0	12	11	8	0	4	4	6	0	1	5	7	4
	15	199	1014.1	-	8.7	1.4	9.2	81	6.4	0	0	9	16	6	0	0	0	0	0	0	0	10	9	7	5	1	13	11	6	0	7	3	6	0	1	5	7	2
	21	199	1015.3	-	8.3	1.4	9.0	81	5.5	0	4	11	7	9	0	0	0	0	0	0	0	6	10	5	10	0	13	17	1	0	5	5	4	0	2	5	7	3
St. Mawgan H	3	350	1014.8	-	5.7	0.8	8.2	86	5.6	3	4	5	5	14	0	0	0	0	0	0	0	10	12	8	1	0	8	13	10	0	3	8	2	2	3	6	2	5
	9	350	1015.0	-	5.4	0.8	8.0	86	5.8	1	5	4	11	10	0	0	0	0	0	1	0	11	11	5	3	0	7	12	12	0	2	5	5	0	7	4	5	3
	15	350	1014.1	-	7.0	1.1	8.5	83	6.4	0	1	5	17	7	1	0	0	0	1	0	1	6	13	7	3	0	6	16	9	0	6	7	1	1	5	6	4	1
	21	350	1015.2	-	6.1	1.0	8.2	84	5.8	1	6	5	6	13	0	0	0	0	0	0	0	7	15	8	1	0	5	18	8	0	3	7	2	2	3	5	4	5
9 NORTHERN IRELAND																																													
Londonderry Ballykelly H	3	6	1010.1	-	4.4	0.9	7.3	86	5.2	2	4	8	9	8	0	0	0	0	0	0	0	0	14	15	2	0	0	9	14	8	5	1	0	0	2	10	4	1
	9	6	1010.1	-	4.4	0.9	7.3	86	5.2	0	3	9	11	8	0	0	0	0	0	0	0	2	10	19	0	0	1	14	12	4	4	2	1	1	5	9	3	2
	15	6	1009.6	-	5.7	1.1	7.7	83	6.5	0	0	5	19	7	0	0	0	0	0	1	0	6	7	11	6	0	2	9	15	5	2	3	1	0	4	9	4	3
	21	6	1009.7	-	4.5	1.0	7.2	85	5.0	1	8	4	14	4	0	0	0	0	0	0	1	11	17	2	0	4	9	9	9	4	0	1	0	2	11	3	1
Antrim Aldergrove H	3	241	1011.1	-	3.1	0.5	7.1	90	5.0	3	7	3	8	9	1	0	0	1	0	0	3	10	12	14	1	0	1	9	19	2	4	4	2	0	7	8	2	2
	9	241	1011.3	-	3.2	0.6	7.0	89	6.4	0	1	7	13	10	0	0	0	0	0	1	3	4	8	14	1	0	0	9	20	2	3	3	1	0	7	9	2	4
	15	241	1010.8	-	4.9	0.7	7.7	88	6.8	0	2	2	15	11	1	0	0	0	0	1	0	10	6	13	1	0	1	10	18	2	4	1	2	0	6	8	5	3
	21	241	1010.8	-	4.0	0.6	7.4	90	5.5	2	5	5	6	13	0	0	0	0	1	1	0	10	9	9	1	0	2	11	14	4	4	1	2	2	7	6	4	1
CHANNEL ISLES																																													
Guernsey States Airport H	3	360	1015.1	-	6.9	1.3	8.3	81	5.9	2	2	5	7	15	0	0	0	0	0	0	1	2	7	15	6	0	11	13	4	3	3	6	2	0	1	8	4	4
	9	360	1015.4	-	6.9	1.3	8.3	81	6.3	0	3	4	15	9	0	0	0	0	0	0	2	6	4	13	6	0	10	12	7	2	7	6	2	1	2	6	3	2
	15	360	1014.4	-	7.5	1.4	8.4	79	6.3	0	3	4	14	10	0	0	0	0	0	0	0	9	3	12	7	0	8	17	6	0	6	6	1	0	4	5	5	4
	21	360	1015.4	-	6.9	1.3	8.3	81	5.8	2	2	8	6	12	1	0	0	0	0	1	1	5	8	12	4	0	10	14	6	1	4	5	4	0	3	6	6	2

H *See* Notes on Tables in the Introduction.

Station	Total Radiation on a Horizontal Surface mw. hr./cm²						Diffuse Radiation on a Horizontal Surface mw. hr./cm²						Total Illumination on a Horizontal Surface kilo lux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory ...	29	11, 25	4	16	17.3	31	24	9, 15	3	16	15.3	31	31	15	4	16, 29	17.8	31
Eskdalemuir Observatory ...	85	4	7	7	36.5	31	56	28	6	6, 7	27.0	31	81	4	7	7	33.9	31
Cambridge	110	3, 4	11	24	53.0	31	63	2	11	24	35.1	31	-	-	-	-	-	-
Kingsway	111	4	7	12	44.6	31	53	2, 10	7	12	31.5	31	112	4	10	12	47.4	31
Kew Observatory	119	4	7	22	47.5	31	61	2	7	22	32.3	31	123	4	10	22	50.5	31
Aberporth	108	15	7	24	54.7	31	63	2	7	24	37.2	31	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN DECEMBER, 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

Station	Maximum Temperature °C.								Minimum Temperature °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	2	14	15	0	0	0	0	0	0	0	0	10	21	0	0	0
Stornoway	1	11	18	1	0	0	0	0	0	0	0	10	17	4	0	0
Craibstone	1	17	11	2	0	0	0	0	0	0	1	15	15	0	0	0
Rothesay	0	10	16	5	0	0	0	0	0	0	0	5	24	2	0	0
Renfrew	0	11	15	5	0	0	0	0	0	0	2	8	18	3	0	0
Eskdalemuir Observatory	2	19	10	0	0	0	0	0	0	2	2	14	11	2	0	0
Douglas	0	7	18	6	0	0	0	0	0	0	0	4	24	3	0	0
Cockle Park	1	13	12	5	0	0	0	0	0	0	2	11	17	1	0	0
Gorleston	0	14	10	7	0	0	0	0	0	0	1	5	20	5	0	0
Cambridge	0	15	9	7	0	0	0	0	0	0	4	12	10	5	0	0

Station	Maximum Temperature °C.								Minimum Temperature °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Edgbaston	3	14	9	5	0	0	0	0	0	0	1	11	13	5	1	0
Kew Observatory	0	10	13	8	0	0	0	0	0	0	1	6	16	5	3	0
Hastings	0	11	14	6	0	0	0	0	0	0	0	6	19	5	1	0
Southampton	0	9	11	11	0	0	0	0	0	0	2	9	14	5	1	0
Stonyhurst	0	14	11	6	0	0	0	0	0	0	3	11	14	3	0	0
Bidston	0	14	10	7	0	0	0	0	0	0	0	8	19	4	0	0
Valley	0	4	19	8	0	0	0	0	0	0	0	2	16	12	1	0
Falmouth	0	6	14	11	0	0	0	0	0	0	0	10	13	8	0	0
Aldergrove	0	13	13	5	0	0	0	0	0	0	1	8	19	3	0	0
Armagh	0	9	16	6	0	0	0	0	0	0	0	12	18	1	0	0

TABLE II—ADDITIONS AND CORRECTIONS

Month	Station	Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust		
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		Veer from N.	Speed	Hour ended at	Speed	Day and Time	
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.
1958																			
November	Coryton	66	57	48							257	0							
1959																			
January	Coryton	66	57	48						371	161								
February	Coryton	66	57	48					37	483									
March	Coryton	66	57	48					126	466	152								
1960																			
March	Coryton	66	57	48					118	503									
July	Coryton	66	57	48					231	487	26								
September	Coryton	66	57	48					149	480	89								
November	London Airport	115	33	33									10.0						
1961																			
February	Coryton	66	57	48						341	118								
June	Coryton	66	57	48						498	121								
1962																			
February	Coryton	66	57	48						219	34								
April	Coryton	66	57	48					271	377									
October	Coryton	66	57	48						478	140								
1963																			
August	Coryton	66	57	48					152	528									
1964																			
May	Millport	50	34	34	ß														
June	Millport	50	34	34	ß														
June	Coryton	66	57	48	x														
July	Millport	50	34	34	ß														
July	Coryton	66	57	48	-	0	1	1	157	420	88	78	8.0	230	22	7 24	43	7	2340
July	Moor House	1960	50	45	7, 8, 28	7	18	157	345	165	70	0	14.8	230	37	7 15	58	7	1315
August	Millport	50	34	34	ß														
August	Durham	389	53	33										(180	25	24 13)	(51	24	1250)
August	Moor House	1960	50	45														23	2330
September	Moor House	1960	50	45	11, 24, 25	17	17	160	367	120	56	0	15.8	270	43	11 17	59	11	1625
October	South Shields	73	57	44	-	0	1	6	124	359	255	0	6.1	330	27	23 11	40	23	1300

x Defective record ß Anemograph out of order

TABLE III—ADDITIONS AND CORRECTIONS

Month	Station	Terminal Hours of Observation	Height of Station above Mean Sea Level	Air Temperature in Degrees Celsius								Earth Temperature		Rainfall (Terminal hour 9 G.M.T.)				Weather Number of days										Bright Sunshine	
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day		Precip.		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C.	Gale	Daily Mean	Percentage of Average
		Max. Min.		A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	·01in. (0·2mm.) or more	·04in. (1·0mm.) or more											
		G.M.T.	ft.	°C.	°C.	°C	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%
1958 November	Coryton		66	57																									

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Monthly Weather Report
OF THE METEOROLOGICAL OFFICE

Including monthly and annual tables of wind based on the records of autographic instruments

METEOROLOGICAL OFFICE 14 OCT 1965 LIBRARY

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Annual Summary 1964

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REMARKS ON THE WEATHER OF THE YEAR

1964—An unusually dry year

The year 1964 was one of the driest on record in England and Wales, the total rainfall, 27·8 inches, being the second lowest since comparable records began in 1887. The lowest was 24·7 inches in 1921. It was also the third successive year with rainfall in England and Wales below the average, the 36 month period ending December 1964 being in fact the driest period of this duration since 1889; April 1904 to March 1907, however, was nearly as dry.

The year began with two very dry months following a dry December making the winter, December 1963 to February 1964, the driest winter in England and Wales in more than 250 years of records and estimations. Over Scotland and Northern Ireland, too, the general rainfall for the winter of 1963/64 was the lowest in these countries since comparable records began in 1869 and 1900 respectively. The spring and early summer, March to June, were mainly dull and wet but once June was out weather became generally fine, and this fine weather with above average sunshine, but with temperature a little below average, lasted until November, apart from periods of heavy thundery rain and thunderstorms. Some of the Royal Ascot programme had to be postponed owing to heavy rain, and much damage was caused in east Lancashire during July by three severe storms; 2·2 inches of rain fell at Bolton in 15 minutes during one of these storms, believed to be the greatest intensity ever recorded in the British Isles for such a period. Heavy and prolonged rain during the second week of December led to some of the most widespread floods ever known in the Lake District and Wales. In some districts flood levels exceeded those recorded after months of heavy rain in 1960. It is estimated that on the higher ground rainfall amounts must have reached about 20 inches during the week.

Other noteworthy features of the year included: the very cold weather during Easter week-end (in the London area it was the coldest Easter Day for 81 years); the warm sunny spells during May, at the beginning and end of August and the first week of September; the storm in the English Channel on October 9 when a gust of 94 kt was recorded at Jersey Airport; the cold spell and severe frosts during the second week of November and the traditional "white" Christmas at many places.

Synoptic Features

Over the year as a whole weather was more frequently anticyclonic in character than cyclonic. The table below gives the number of days each month when weather over the British Isles was judged to be mainly cyclonic in character, and shows that these were most frequent during the late spring and early summer (April to June) and in December, and that, except for February, March and August when weather was cyclonic in character a little less than half the time each month, the remaining months of the year (January, July, September, October and November) displayed this activity on only 4-11 days.

Estimated number of days of cyclonic activity in 1964

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
4	13	14	30	24	21	10	14	7	11	7	22	177

The main changes each month are set out below. The months are grouped in seasons for easy reference.

January and February

January weather was predominantly anticyclonic in character except during the last four days when it was of a westerly cyclonic type. Anticyclones over or to the south of the British Isles dominated the weather during the first twelve days of February, but depressions to the south and west of the country maintained generally cyclonic weather thereafter except on the 18th-21st.

March, April and May

The first ten days and last week of March were mainly anticyclonic in character with pressure high over Sandinavia or to the north of the British Isles, but from the 11th to the 24th troughs of low pressure from the Atlantic brought un-

FH2A

settled weather. Generally cyclonic weather persisted throughout April and May except for a short anticyclonic spell on May 14th-20th.

June, July and August

During June troughs or depressions over or near the British Isles maintained generally cyclonic weather until the 21st, but the remainder of the month was anticyclonic with a ridge of high pressure extending from the Azores across England and Wales to west Germany. Weather remained predominantly anticyclonic in character until July 6th and was also anticyclonic on the 15th-16th and 19th-31st. The intervening periods were mainly cyclonic as were also some days in Scotland during the last week. August weather was mainly anticyclonic in character, with pressure high either to the south-west, west or north of the British Isles, apart from cyclonic spells on the 6th-9th, 16th-19th and 23rd-28th.

September, October, November

Weather during September was predominantly anticyclonic in character except during the third week when the country was under the influence of rather a complex low pressure area; small disturbances from the Atlantic, however, brought changeable cyclonic weather to Scotland on the 5th-11th and to western and northern districts on the 24th-26th. October weather was also predominantly anticyclonic in character with pressure high mostly to the south and east of the country, except for the 5th-15th when troughs or small depressions passed over or near the British Isles. Weather was mainly anticyclonic in November except on the 11th-17th when a series of troughs and ridges moved across the country and during the last five days of the month when deep depressions were centred to the north of Scotland or disturbances moved south over the British Isles.

December

In December weather was mainly cyclonic in character until the 16th and during the last few days of the month but mainly anticyclonic on the 17th-25th with pressure high to the west of Scotland.

General Weather

January and February

Both January and February were very dry months. After three mild days with a southwesterly airstream winds became light and variable on January 4th and weather quiet and dull with rather persistent fog. Dry easterly winds cleared most of the fog on the 10th, and the next few days were cold with frequent showers. Mild southerly winds brought a return of the fog and drizzle to Southern England on the 14th, but it was not until the 19th that an airstream from the Atlantic brought a general return of milder weather. Thereafter weather was unsettled and rather wet until February 5th but winds became light and variable on the 6th and weather sunny and dry with about average day temperatures. Easterly winds brought a sharp fall of temperature on the 16th. Snow fell in all districts during the next few days with moderate falls on high ground from the Peak District northwards. Mild wet weather spread over the country on the 22nd-24th, but the remainder of the month was changeable, occasional fog and drizzle at first giving place, on the 27th and 28th, to thundery showers with good sunny periods.

March, April and May

Spring began cold but ended with day temperatures 8°C above average in many districts. The exceptional dryness of the previous three winter months continued during the first 10 days of March, but thereafter heavy rainfall brought March totals far above the monthly average in many districts. March was a cold month generally, easterly winds bringing scattered wintry showers to many districts during the first week. The second week was somewhat milder with widespread rain on the 12th, but on the 15th winds over southern England backed to east and the rain turned to snow. The cold spell was broken on the 19th by about a week of mild wet weather, but easterly winds set in again on the 27th and weather became dull and progressively colder with rain at times and some snow in eastern coastal districts.

The cold weather lasted over the first four days of April especially in the south-east. During the second week day temperatures were about average and there were long sunny periods although rain fell at times in the west and north. Thundery rain, locally heavy, with scattered thunderstorms spread from France to south-east England during the third week; in the warm southerly airstream afternoon temperatures reached 19°C on the 18th. The remainder of the month was changeable with bright showery weather broken by rather wet days on the 25th and 28th.

The changeable weather continued throughout May. The first week was generally sunny with scattered showers on most days but with more prolonged rain on the 2nd, 6th and 7th. The second week was mainly sunny and dry especially in southern and eastern England by day but rain spread over the area during the nights of the 9th/10th and 10th/11th. Most of the third week was fine and quiet with progressively rising day temperatures but on the 18th thundery rain reached northern England and spread over the rest of the country during the night. An easterly airstream became established on the 23rd and weather over southern England became cloudy with occasional rain and scattered thunderstorms until the 25th, but over the remainder of the country away from the east coast it was fine and very warm. The weather broke in thundery rain and thunderstorms during the last two days of the month.

June, July and August

June began very cool and wet with heavy rain and thunderstorms over southern England. Temperature rose to about average on the 3rd but weather remained generally unsettled with thundery outbreaks until the end of the first week. A warm dry spell, which began in the south-east on the 8th, extended to most other districts on the 10th; it ended in widespread thunderstorms two days later. About 10 days of cool showery weather followed; there were periods of more continuous rain on the 17th and 18th, and northerly winds brought light snow showers to the Scottish Highlands on the 20th and 21st. The rest of the month was dry and sunny, and weather became very warm especially in south-east England on the 26th and 27th.

The dry sunny weather continued during most of the first week of July but northerly winds kept temperatures well below average after the 3rd. The second week was generally stormy and wet. Gales were widespread on the 7th and 8th with 24 hours of rain in most places. After two showery days with broken sunshine rain was again widespread on the 11th and for much of the 12th, and was heavy at times in western districts on the 14th. Most of the third week was warm and thundery; temperatures increased progressively until the 17th, but after widespread rain and thunderstorms on the 17th and 18th the latter part of the week was somewhat cooler. From the 22nd until the end of the month weather was changeable in the north but sunny and very warm in the south-east.

August began with fresh north-westerly winds, but these moderated on the 2nd and the next three days were fine and warm especially in the south. Rain on the 5th, the first measurable rain in many south-eastern districts for about two weeks, was followed by cooler weather. An unstable westerly airstream brought four or five days of scattered thundery showers, but winds became east to north-east on the 11th and from then until the 15th weather was mainly cloudly although there were good sunny periods in sheltered western districts. Rain on the 16th heralded two days of stormy but milder weather, but winds from the north brought a sharp drop in temperature on the 19th. Weather became dry and sunny again until rain from the Atlantic, which reached northern districts on the 22nd, became widespread and heavy at times on the night of the 23rd/24th. A warm southerly airstream cleared most of the rain the following night, except over Scotland. The 26th and 27th were hot days over the Midlands and south-east England with almost continuous sunshine and with temperatures reaching 32°C in places. Apart from a day of cool thundery rain on the 28th the month ended dry and sunny.

September, October and November

The first few days of September were warm and sunny but rain from the Atlantic reached western Scotland on the 5th spreading to all districts during the evening. After a generally showery day on the 6th weather became mainly fine and dry in the south until the 11th but remained unsettled in the north. Two fine warm days on the 12th and 13th were followed by a week of changeable weather; gales were widespread on the 16th. Another fine sunny spell began over southern England on the 20th (temperatures reached 25°C on the 25th) but in the north the cool changeable weather continued. The 27th was dull and cool in most places but the month ended with three fine sunny days nearly everywhere.

This dry sunny weather continued during the first four days of October but an unsettled rather wet period began on the 5th. A feature of this period, which lasted about ten days, was the severe gales in the English Channel on the 9th. The 17th-20th was dry with good sunny periods in the south but with rain at times in the north. Another cold period began on the 21st. Rain belts, which moved south-east over the country on the 21st and 22nd were followed by wintry showers in an airstream of arctic origin on the 23rd. The showers slowly died out on the next day and from then until the 27th weather was mild with south-westerly winds, dry with broken sunshine over most of England, but dull with occasional rain in Scotland. During the last four days of the month weather was generally dull and cooler with occasional drizzle.

November started foggy but this cleared on the 2nd, and there were good sunny periods with light scattered showers in an easterly airstream during most of the first week. Clouds broke nearly everywhere on the 7th, but the next day fog returned to the north and Midlands as winds became light and variable. Weather changed on the 11th as mild westerly winds from the Atlantic cleared the fog and brought rain to all districts. From then until the 15th periods of rain alternated with sunnier spells. Winds veered to north-west on the 16th and it became temporarily colder in Scotland with scattered snow showers. Westerly winds brought mild dull weather with rain at times to all districts on the 18th-25th but there was little measurable rain in the south and Midlands. A belt of heavier rain, however, spread across the country during the evening of the 26th, and weather became colder the next day as winds veered towards the north-west. A northerly airstream brought wintry showers of rain, hail or snow to all areas on the 28th and 29th, and the month ended cold and rather wet with the higher ground snow-covered in parts of the north and with widespread freezing fog in the south.

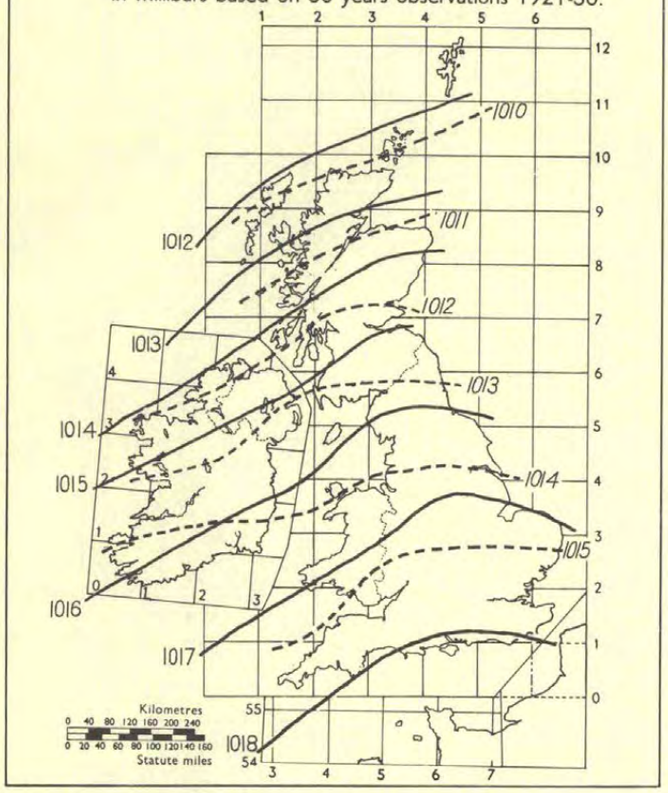
December

December began dull and rather cold with northerly winds and scattered wintry showers in all areas. Warmer maritime air from the Atlantic brought widespread rain on the 5th preceded by snow in a few places. The rain persisted locally on the 6th. The next day winds reached hurricane force in the south-west and torrential rain caused widespread flooding in Wales and the Lake District. After an interval of four days, two of which were dull and wet, gales again became severe in northern and western districts and rain heavy and prolonged. In North Wales the rain, which followed a period of earlier flooding, was more or less continuous for 36 hours and resulted in the worst floods known in the districts. The relatively mild weather ended abruptly on the 14th as easterly winds brought snow and sleet to southern England. Winds remained between east and north-east, and weather dry and cold for about a week. On the 24th an airstream of arctic origin brought snow showers to most northern districts. Wintry showers continued in the north and east on Christmas Day, and on Boxing Day snow spread south-east over the country reaching the London area during

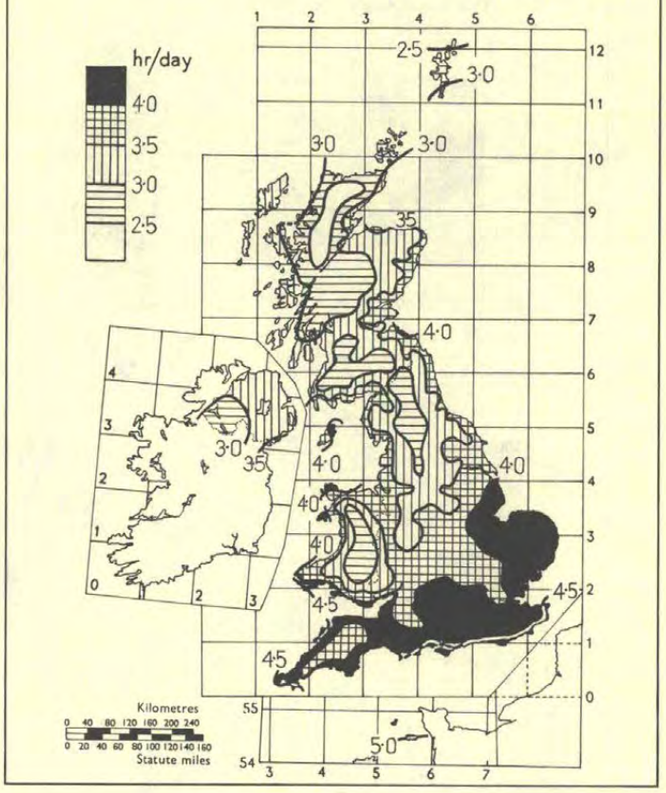
ANNUAL WEATHER CHARTS 1964

MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1921-50.



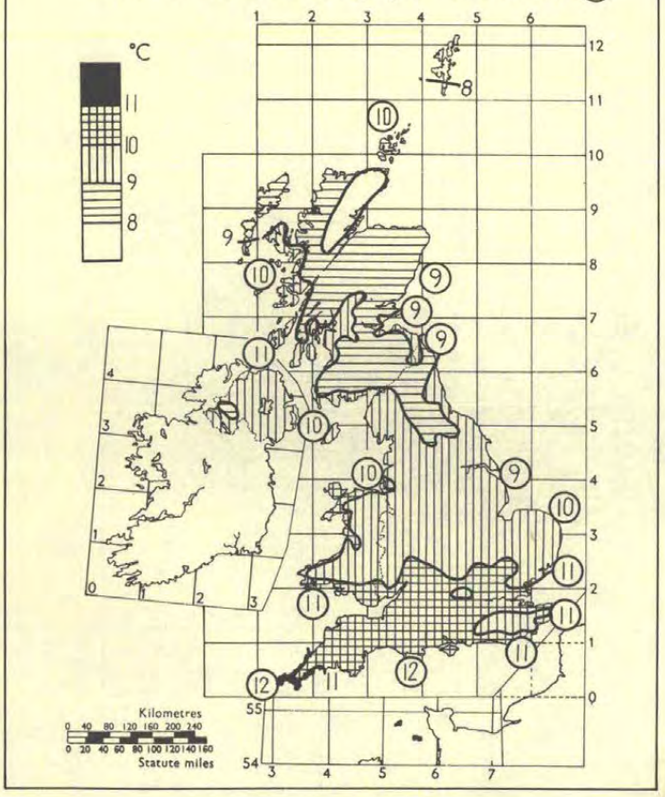
BRIGHT SUNSHINE



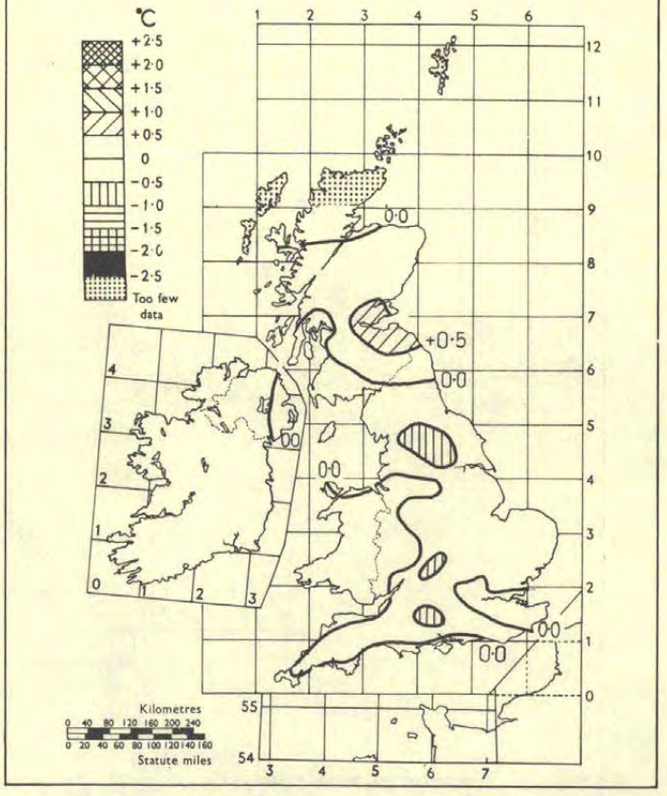
MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft.

Sea temperatures are shown by figures in circles thus (10)



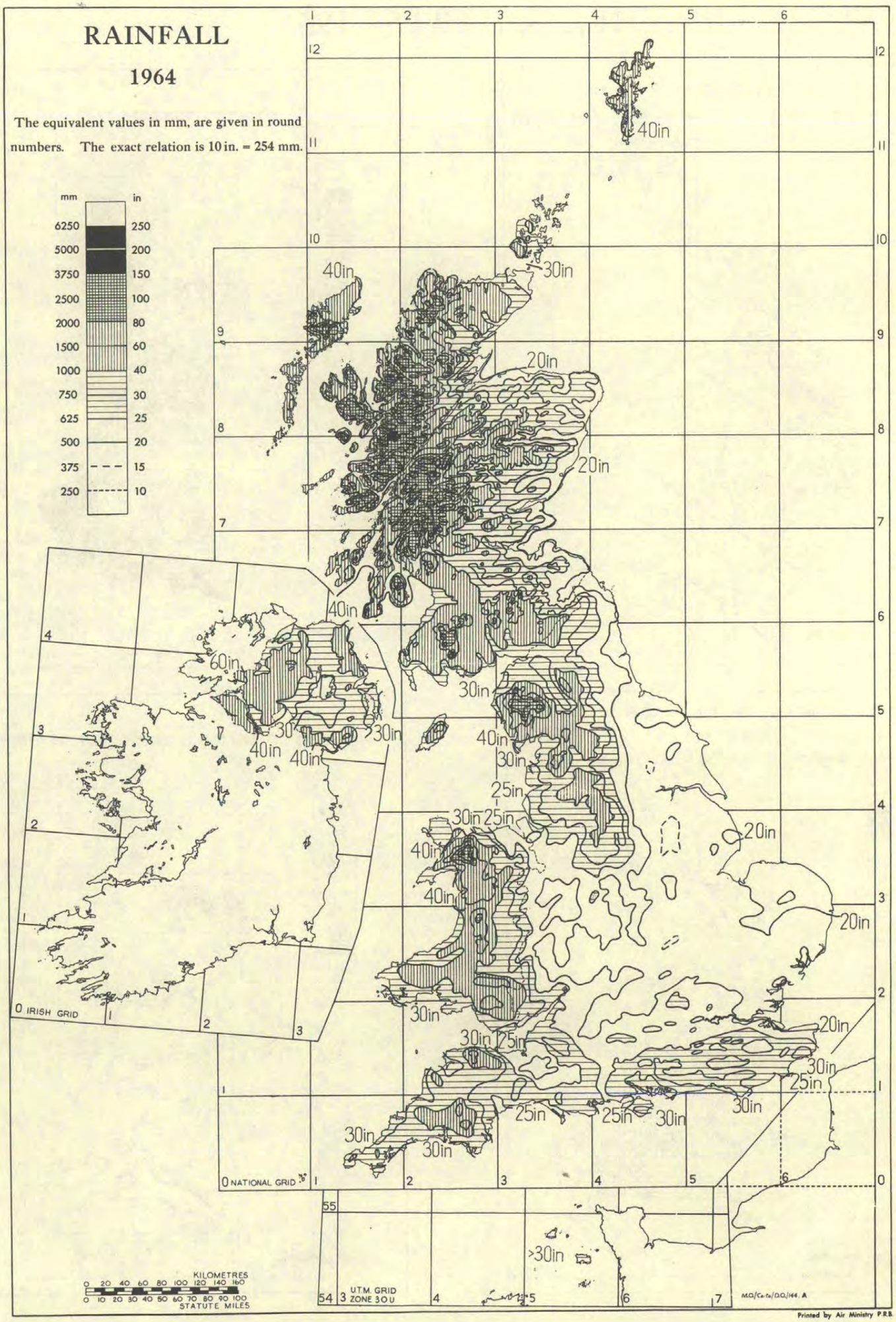
ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

1964

The equivalent values in mm, are given in round numbers. The exact relation is 10 in. = 254 mm.



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the evening. Milder air, accompanied by rain, spread across the country from the west on the 29th. The 30th was also wet but the last day of the month was mainly fine and sunny.

Pressure and Wind

Mean pressure at 9 hr was above the average over the whole of the United Kingdom during January, August, October and November, and was above the average over the major part of the country during February, March, July and September, deficits occuring only in southern districts in February and March, and only in northern districts in July and September. Mean pressure was mainly below the average during the remaining months of the year, April, May, June and December, but excesses were recorded in parts of southern England during April and May.

An indication of the general surface wind direction over the United Kingdom is given in the section on "General Weather" from which it will be seen that, during January, February and March, surface winds were predominantly easterly or variable; that after the first week of April winds during the remainder of the spring were mainly between south-west and west but reverted to easterly during the last 10 days of May. Surface winds during the summer months were very variable in direction, but after a period of south-westerlies during the second week of June, winds rather frequently swung round to north-west. During the autumn westerly winds predominated though each month began with a spell of easterlies. South-westerlies predominated during the first half of December and easterlies during the second half.

The figures in brackets give the approximate number of days of winds from various directions during 1964. South-westerly (130); light and variable (100); easterly (90); north-westerly (45).

Surface winds reached gale force in England and Wales on 14-16 days during each of the months February, March, April and December and on 4-7 days in each of the months January and June to October. May and November had 10-11 days. Gales were more frequent in Scotland except during April when they were recorded on only 8 days. They were most frequent in Scotland in January, February, November and December (17-20 days) and least frequent during June when only 6 days of gale were recorded.

Highest Gusts

Gusts of 70 kt and over were recorded during January, February, May, October and December; on January 2nd in the Hebrides, on February 1st in the Orkneys and Hebrides, and on May 9th at Edinburgh. In October gales were unusually severe in the English Channel on the 9th. At 1300 GMT on that day Jersey Airport wind was 260 degrees 45 kt gusting to 71 kt, and 20 minutes later a mean wind (over a period of 10 mins) of 74 kt with a gust up to 94 kt was recorded. This is the highest gust recorded in the United Kingdom during October. Gusts of 70 to 80 kt were frequent that afternoon until 1800 GMT. In December gales were widespread and severe on the 7th and on the night of the 11th/12th. On the 7th a gust of 77 kt was recorded at Ronaldsway in the Isle of Man, and one of 94 kt at the high level station, Great Dun Fell (2780 ft.) in Westmorland. On the night of the 11th/12th a gust of 73 kt was recorded at Turnhouse at 2350 GMT and one of 88 kt at Edinburgh (Blackford Hill) at 0120 GMT.

Temperatures

Taking the year as a whole mean temperature was below the average for the third year in succession; over England and Wales it was 0.2°C below the 1931-60 average but over Scotland only 0.1°C below. Apart from a slight deficit over England and Wales in January, mean temperatures exceeded the average over the three major divisions of the United Kingdom during the winter months of January and February. Spring started cold but ended fine and warm, a deficit of nearly 2°C in March being replaced over England and Wales by an excess of nearly 2°C in May. During the summer months mean temperatures were generally below the average, the deficit over England and Wales and over Northern Ireland being greatest during June and least in July, but in Scotland the August deficit was greatest. During the remaining months of the year, apart from a slight deficit in Scotland in September, mean temperature was alternately above and below the average, autumn temperatures being mainly above the average except during October, and mean temperature in December being well below.

January and February

January temperature was above the average in Scotland but below in eastern and southern England. In south-east England a cold spell from the 10th to the 20th was preceded and followed by about a week of near average day temperatures. In Scotland, however, the cold spell lasted only three or four days around the 16th. The mildest periods were during the first few days and at the end of the month.

February mean temperature was everywhere above the average. The mild weather at the end of January, which lasted over the first three or four days of February, was followed by a short cold spell with widespread and locally severe frost in southern England; at Hurn, near Bournemouth, temperature fell to −8°C on the 6th. After a number of unusually mild nights during the second week, the third week was generally cold but the month ended with a week of unusually mild weather. A feature of the month was the large variation of afternoon temperatures, ranging at some places from only 1°C on the 18th to 13°C on the 27th.

March, April and May

March temperatures were everywhere below the average except in the extreme north of Scotland, day temperatures being particularly low in eastern England. In England and Wales temperatures were below average nearly everywhere during the first three weeks though they approached average, and were even a little above in places, around the 13th. In Scotland, however, day temperatures were above the average generally until about the 10th. The fourth week began mild but easterly winds set in on the 27th and the remainder of the month was dull and cold.

The cold weather at the end of March lasted over the first four days of April with day temperatures in parts of south-east England as much as 8°C below average giving London its coldest spell of early April weather since 1911. Over the month as a whole, however, temperature was above average mainly owing to mild nights. Minimum temperatures were mostly well above the average after the 8th and maximum temperatures were above the average at the beginning of the third week and towards the end of the month.

During the first 10 days of May temperatures were above average. The 12th was a warm day; it was the warmest day in May since 1959 at some places in the London area with temperatures locally reaching 27°C. During the second half of the month day temperatures were well above average; in parts of north-west England afternoon temperatures were about 5°C above the average daily from the 22nd to the 29th. Night temperatures continued mostly above average except on the 14th/15th when air frost was recorded at a few places.

June, July and August

June temperatures were below the average mainly owing to low day temperatures; these were lowest in western districts. In England and Wales the month started with two very cold days; day temperature was 8°C below average at many places on the 2nd. Temperature was also below average from about the 14th to the 23rd (6°C below in many places around the 20th), but above average, especially in south-east England, during the second and fourth weeks. In Scotland, though the general temperature pattern was similar, the deviations from normal were rather less. Night temperatures were mostly above average on the 3rd-18th and during the last week of the month.

During July day temperatures were below the average except in south-east England. They were mostly below average during the first ten days, with the deficit increasing northwards, and above average during the third week the excess being greatest in south-east England. Day temperatures were close to the average around the 21st, but from the 23rd onwards they were above the average in south-east England and below the average in Scotland and Northern England.

August temperatures were generally below the average but there were some very warm days in south-east England and the Midlands during the first and last weeks. Temperatures reached 27°C at a number of places on the 3rd and 5th and exceeded 32°C locally on the 28th. During the remainder of the month, apart from a few days around mid-month with temperatures during the day slightly above the average, temperatures were below average especially in Scotland. Nights were particularly cold on the 19th/20th and 20th/21st when temperature fell to −2°C at Eskdalemuir, the lowest August temperature recorded there for at least 50 years.

September, October and November

Mean temperatures during September were above average in England and Wales mainly due to high day temperatures in the Midlands and in east and south-east England. They were below average in Scotland. During the first half of the month day temperatures were above average almost everywhere in England and Wales. The third week was rather cold with wide-spread air frost at night. A warm spell lasting for four or five days began on the 21st; on the 25th afternoon temperatures reached 25°C in parts of Lincolnshire and East Anglia and also in the London area where it was the warmest September day for 16 years. Temperature at night was mainly below average during the second half of the month; at Elmdon it fell to −1°C on the 21st, the lowest September temperature there since records began in 1949.

The warm weather at the end of September continued in most places during the first week of October. Both day and night temperatures were below average from the 8th to the 16th; with afternoon temperatures only reaching 10°C, the 9th was the coldest October day in the London area for 20 years. The coldest night was the 13th, when air temperature at Elmdon fell to −5°C. During the second half of the month temperature was mostly below average, except for milder periods of three or four days, around the 19th and 26th, which were most pronounced in Scotland and northern England.

The rather cold weather at the end of October continued in many places until November 10th; in parts of Scotland temperature remained below freezing day and night throughout the 9th and 10th. From the 12th until the 27th temperatures were above average both day and night over most of the country; in south-east England afternoon temperatures were as much as 5°C above average around the 13th, 19th and 25th and in parts of Scotland minimum temperatures were 8°C above average around the 21st. The last few days of the month were cold with temperature at some places not rising above 2°C on the 29th.

December

The cold weather at the end of November continued in many places until December 5. From the 6th until the 15th temperature was considerably above average especially in south-east England where both maximum and minimum temperatures were 7° or 8°C above average on the 6th-10th and the 12th. Temperatures were mostly below average during the second half of the month (the coldest periods being around the 17th and 24th-27th) except during the last two or three days.

The following table gives in degrees Centigrade the monthly and annual deviation from the 1931-60 average temperature for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
a	−0·3	+0·5	−1·7	+0·2	+1·8	−0·6	−0·1	−0·3	+0·4	−1·6	+0·7	−1·2	−0·1
b	+1·6	+0·8	−0·7	+0·6	+1·0	−0·5	−0·5	−1·0	−0·3	−0·7	+0·3	−1·3	0·0
c	+1·2	+0·3	−1·1	+0·4	+1·2	−0·8	−0·2	−0·6	+0·1	−1·0	+0·2	−1·1	0·0

Precipitation

1964 was a dry year. In England and Wales it was the third successive year with rainfall below the average and the second driest year since comparable records began in 1887. Rainfall was below the average every month except March, April, June and December. The winter months of January and February were very dry but both the spring and summer seasons began with rather a wet month. In Scotland the pattern was very different rainfall being above the average every month from April to September, except for July.

January and February

The outstanding feature of January was its dryness; there has been no drier January over England and Wales since 1880. Over the month as a whole much of southern England (except Kent and Sussex) had less than 25 per cent of average rainfall; there was little or no rain during the first 10 days of the month. In Scotland most rain fell during the first and last few days of the month.

In February most of the rain fell during the last week of the month. Rainfall was less than 30 per cent of the average in North Wales, north-west England and the north Midlands; only around Plymouth, in the Wick area and near Rattray Head was rainfall more than the average.

March, April and May

The dry weather of the winter months continued until March 10, but during the next few days rain was heavy and prolonged in southern England, many places having more than their average for the month. By the end of the month rainfall was more than twice the average over much of the north and east Midlands, Lincolnshire, the Thames Valley, Surrey and Hampshire. In Scotland, while many eastern areas had more than twice their average amount of rain, parts of Skye, west Inverness-shire and west Argyll-shire recorded less than 25 per cent of their average. At Stornoway it was the driest March since 1876.

The first half of April was rather dry, but over the month as a whole rainfall was about average except in parts of west Scotland and south-east England where values reached 150 per cent of the average, and in parts of eastern Scotland and south-west England where only 75 per cent of the average was recorded.

May rainfall was less than half the average in coastal areas of eastern Scotland, over much of England east of the Pennines and in the east Midlands. Amounts exceeded twice the average near the Great Glen (Scotland) and in parts of Wilshire, Hampshire and Sussex. Heavy falls of 3 and 5 inches in 24 hours were recorded on the Sussex coast and in the Oldham area respectively towards the end of the month.

June, July and August

In June, mainly owing to heavy thunderstorms, rainfall was more than twice the average south-east of a line from the Wash to the Isle of Wight, and three times the average in some coastal areas of Essex and Kent. The wettest spell of the month was on the 17th-18th when little short of 3 inches was recorded in Kent. In eastern Scotland excesses were also mainly due to heavy rain on one or two days; near the mouth of the Tay amounts were 175 per cent of the average. It was the wettest June at Worthing since rainfall records began there in 1887.

July rainfall was less than half the average over much of eastern, central and southern England, but heavy localised rain brought amounts up to double the average in parts of Buckinghamshire and Lancashire. On the 18th-19th the eastern part of Lancashire suffered severe damage during three major storms; at Bolton 2·20 inches of rain is estimated to have fallen in 15 min. in one of these storms, which is believed to be the greatest intensity ever recorded for such a period in the United Kingdom. Most eastern districts of Scotland had less than half their average amount of rainfall (Kelso had its driest July since 1888) but parts of the western Highlands recorded double their averages.

Rainfall in England and Wales during August was below average nearly everywhere except in parts of Northumberland, Lincolnshire and Suffolk. Over most of southern England amounts were less than 25 per cent of the average. In Scotland, on the other hand, rainfall was above the average except in the extreme south; in the north-east amounts were locally twice the average. Wick had its wettest August since 1930. The 16th-19th was the wettest period of the month when rainfall was especially heavy in hilly western districts. In Northern Ireland at Tollymore Park, Co. Down, more than 5 inches was recorded in two days.

September, October and November

September rainfall was again below the average in England and Wales but above in Scotland. It was 25 per cent of the averages over much of East Anglia, Kent, Montgomery, Warwickshire, Leicestershire and Lincolnshire but 150 per cent of the average in parts of western Scotland and the extreme north-east of Scotland. The wettest days in England and Wales were around the 14th and 15th; in Scotland the wettest were around the 8th-10th and 21st-22nd.

October rainfall was less than the average nearly everywhere in the United Kingdom except around Gorleston and in coastal areas of east Kent and east Sussex where totals exceeded 125 per cent of the average mainly owing to heavy rain on the 14th. Less than half the average was recorded in parts of the Thames Valley, the east Midlands and in counties east of the Pennines as well as over most central and eastern districts north of the Firth of Forth and over most of Inverness-shire. The last week of the month was very dry.

In England and Wales rainfall in November was below the average everywhere except for a few places in the extreme north of Devon. It was less than 50 per cent of the average over most of the Midlands and over most of England east of the Pennines. In Scotland rainfall ranged from 150 per cent of the average in parts of western Ross to 25 per cent of the average locally in Aberdeenshire and Angus. The 6th-12th was a very stormy and wet week. Falls of 14 and 16 inches were recorded during the week in the Lake District and North Wales leading to extensive flooding; it was estimated that on the peaks in both districts rainfall amounts would have been about 20 inches during that period.

December

During the first few days of December, wintry showers brought some substantial snowfalls to East Anglia and Scotland but there was an abrupt change on the 5th when stormy, very wet weather which lasted until the 12th brought widespread floods to Wales and the Lake District. Falls of 14 inches were recorded in the week 6th-12th in the Lake District and 16 inches in North Wales. The heaviest daily fall was 6·82 inches on the 12th at Ceinws, Montgomeryshire. A sharp transition to a very cold Arctic airstream occurred on the 24th and this brought a "white Christmas" to many parts of the country. The last three days were stormy and wet with falls of 2 inches in places.

The following table gives the revised monthly and annual general rainfall amounts expressed as a percentage of the 1916-50 average for (a) England and Wales (b) Scotland and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
a	29	47	169	110	96	141	63	64	43	66	58	111	78
b	44	48	85	115	119	103	78	124	116	69	85	114	88
c	47	45	131	89	92	107	56	105	89	126	78	107	88

Thunder was heard more frequently in England and Wales than in Scotland during every month of the year except January, August and November. It was most frequent in England and Wales during May and June (17 days each month) and during August (17 days) in Scotland. It was heard on four days or less both in England and Wales and in Scotland during January, February and March. Otherwise it was heard in England and Wales on 5 days in November and on 10-13 days in April, July, August, September and October. In Scotland it was heard on 6-8 days during April, July, September and October, and on 10-14 days during May, June and November.

Snow or sleet fell more frequently in Scotland than in England and Wales, and was most frequent during March (21 or 20 days) in both countries. In Scotland it was reported on 18 days in February, 13-15 days in January and November, 9 days in April and October, 5-6 days in May and June, and on one day over the higher ground in August and September. In England and Wales there were 10 or 11 days of snow in January and February, 4-5 in April, October and November but there was none from May to September.

Ground was snow-covered in Scotland on 16 days in February, 12 days in March, 7 days in November and 4 days or less during the remaining months. In England and Wales during 13 days of snow-cover in March it lay 6-12 inches deep in the Midlands on the 16th; during 4 days of snow-cover in February it lay 3-4 inches deep in northern England on the 16th-19th, and in 2 days of snow-cover during January it lay 2-4 inches deep in the Midlands and eastern England on the 13th and 14th; an unusually heavy fall gave 9½ inches of snow at Huddersfield on the 14th.

Sunshine

Over the year as a whole sunshine during 1964 was slightly below average, but the dull weather occurred mainly during the first half of the year. The winter months January and February were dull over the United Kingdom as a whole as also were the spring months, March, April and May, apart from a slight excess in England and Wales during May. The summer also began dull but ended with a sunny month. Sunshine in England and Wales was above average during the remaining months of the year, but in Scotland and Northern Ireland autumn sunshine was below the average during October.

January and February

January was mainly dull especially in southern England. Sunshine was above the average, however, in parts of northern and eastern Scotland and parts of northern England. In Scotland excesses were generally small except in East Lothian; North Berwick had 50 per cent more sunshine than usual. Over England and Wales percentages ranged from 171 at Huddersfield to 41 at Sidmouth. At Weymouth it was the dullest January since 1912.

February sunshine was also below the average in most places, with the most numerous deficits in southern England. In Scotland the largest deficits were in northern areas and in the Western Isles while there were marked excesses in areas near the Great Glen. In England and Wales percentages were rather higher generally in the north-west than elsewhere; at Malvern sunshine was only 55 per cent of the average.

March, April and May

March was a very dull month, the dullest over England and Wales as a whole since comparable records began in 1909. Some north-eastern districts were particularly dull, many places in Northumberland and Durham having only about

30 per cent of their usual amount of sunshine. Only in the extreme north-west of Scotland was sunshine above the average in some places. At Worthing it was the dullest March since 1900.

The dull weather continued during April with sunshine below the average almost everywhere. In Scotland only at Gordon Castle and Tiree did measured amounts almost reach the average. In England and Wales percentages ranged from 100 at Aberystwyth to 57 at Watnall.

May was the first month of the year with sunshine over England and Wales as a whole above the average. The excesses were most numerous in the east and the deficits most numerous in the west; at Ross-on-Wye it was the 15th successive month with sunshine below the average. Cromer recorded 135 per cent of its average sunshine, but Morecambe and Falmouth only 74 per cent. In Scotland sunshine was below the average except for one or two places in the east.

June, July and August

June sunshine was below the average almost everywhere except in parts of northern and eastern Scotland; it was 120 per cent of the average at Aberdeen. In England and Wales percentages of the local average ranged from 100 at Berwick-on-Tweed to 58 at Sheffield.

During July sunshine was generally above the average in the south and east of the United Kingdom but below average in the north-west; parts of east Scotland had their sunniest July since 1955. Amounts ranged from 126 per cent of the local averages at North Berwick to 69 per cent at Ballytelly; Northern Ireland.

August sunshine in parts of north and north-east Scotland was about 92 per cent of the average, some stations having a deficit of 35-40 hours. In western Scotland sunshine was more generally above average. In England and Wales most places had more than average sunshine, percentages ranging from 93 at Bude and Trawscoed to 33 at Sutton Bonington.

September, October and November

September sunshine was below the average in the north of Scotland and over the Western Isles—Stornoway had its dullest September since 1895—but most other parts of Scotland reported an excess. In England and Wales sunshine was everywhere above the average; it was 60 per cent above the average in parts of the Midlands and also in the London area where amounts were more than during the unusually sunny September of 1959. At Worthing, apart from 1959, it was the sunniest September for 36 years. During the last week of the month sunshine was more than twice the average for the period in all districts of the British Isles except the north-west.

During October sunshine was below the average over Northern Ireland and over most of Scotland except in parts of the north and along the Moray Firth coast. In England and Wales it was mostly above average especially in the Midlands and south-east England. Amounts ranged from 72 per cent of the average at Cockle Park to about 140 per cent of the average at Ringway, Askham Bryan and Luton.

November sunshine was very variable from place to place. It exceeded the average over most of Northern Ireland and in parts of east and south Scotland. In England and Wales excesses were highest in the north and north-west, amounts ranging from 165 per cent of the averages at Morecambe to 65 per cent at Torquay.

December

December sunshine was above average in most places in Scotland, only a few places in the north reported deficits. The sunniest place was West Freugh, Wigtownshire. In England and Wales sunshine was above average nearly everywhere except in the extreme east. Amounts ranged from 62 per cent of the averages at Margate to 202 and 206 per cent at Sheffield and Ringway respectively.

The following table gives monthly and annual general values of sunshine expressed as a percentage of the 1931-60 average for (a) England and Wales (b) Scotland (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
a	89	86	53	79	104	74	103	112	135	115	105	114	97
b	98	95	66	83	84	97	103	96	106	93	103	111	92
c	62	84	62	86	88	80	77	104	119	78	125	102	88

The sunniest stations in each month were as follows:- January, Silpho Moor 87·0 hr; February, Elgin Cemetery 96·6 hr; March, Poolewe 134·2 hr; April, Jersey (St. Helier) 181·0 hr; May, Cromer 263·2 hr; June, Jersey (St. Helier) 249·1 hr; July, Jersey (Gorey Castle) 299·9 hr; August, Jersey (Gorey Castle) 259·7 hr; September, Littlehampton 247·7 hr; October, Worthing 159·2 hr; November, Kilkeel 98·3 hr; December, Bournemouth 58·2 hr.

The following were the three sunniest places in England and Wales during 1964. 1. Jersey (Gorey Castle) 1868·2 hr; 2. Jersey (St. Helier) 1843·1 hr and 3. Shanklin 1823·4 hr; in Scotland, 1. Dunbar 1525·6 hr; 2. Leuchars 1400·7 hr and 3. Arbroath 1380 hr; in Northern Ireland, 1. Kilkeel 1330·0 hr; 2. Ballyhalbert 1326·0 hr and 3. Lisnafillan 1219·9 hr.

Fog

Fog was observed at 9 hr almost daily from January to March; at some places in the Midlands it was reported on 10 mornings during each of these months. Early morning fog was widespread on January 4th-9th, and 18th-23rd (persisting throughout the day in some places), on February 23rd-26th and 29th (persisting all day locally); on the 26th and 29th, and on March 21st and 22nd. In April fog was rarely widespread but in May early morning fog was fairly extensive on the 24th and 27th-29th clearing only slowly during the morning. During the summer months, June to August few places had more than one or two mornings with fog around 9 hr, but in September fog was widespread night and morning on the 3rd-5th persisting throughout the 4th in north-east coastal areas. Overnight fog, which was observed on about 27 mornings during both October and November, occurred at many places 8-10 mornings each month; it was slow to clear on October 22nd, 26th and 29th-31st and was widespread and dense locally on November 9th, 10th and 11th. During December fog was observed in Scotland every morning except on the 4th and 18th. In England and Wales many places in the Midlands had fog on 7 mornings, and it was widespread on the 15th-18th.

Miscellaneous Phenomena

The aurora was seen less frequently than usual during 1964 and reports of displays were confined to Scottish stations. It was most frequently observed during the late winter and early spring (10 nights in February and 9 nights in both March and April), and during the autumn (10 nights in September and 8 nights in both October and November). It was only visible on one night in August during the summer months.

TABLE I—DISTRICT VALUES FOR THE YEAR 1964 [FIRST PUBLISHED 1908, REVISED 1928, 1941, 1956 and 1964]

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP °C		No of RAIN DAYS	RAIN-FALL	SUN-SHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
			Difference from Average						% of Average	
0 SCOTLAND N.	24·4	−13·9	−0·1	−0·1	−0·1	–	–	−10	101	90
1 SCOTLAND E.	27·8	−15·6	−0·1	+0·3	+0·1	–	–	−17	77	95
2 ENGLAND N.E.	30·7	−14·4	−0·2	0·0	−0·1	−0·2	−0·1	−24	71	98
3 ENGLAND E	32·8	−13·6	−0·3	−0·2	−0·2	−0·2	−0·2	−20	87	97
4 MIDLAND COUNTIES	30·5	−15·5	−0·3	−0·1	−0·2	−0·1	0·0	−22	72	98
5 ENGLAND S.E.	31·1	−12·4	−0·1	+0·1	0·0	0·0	−0·1	−20	87	97
6 SCOTLAND W.	25·0	−14·6	−0·3	+0·1	−0·1	+0·3	−0·1	−14	90	92
7 ENGLAND N.W. (and N. Wales)	28·3	−15·0	−0·3	+0·1	−0·1	−0·3	0·0	−25	86	98
8 ENGLAND S.W. (and S. Wales)	27·8	−13·9	−0·5	−0·1	−0·3	+0·1	0·0	−31	77	91
NORTHERN IRELAND	24·4	−7·2	0·0	0·0	0·0	–	–	−13	88	88
SCOTLAND	27·8	−15·6	−0·2	+0·1	0·0	–	–	−14	88	92
ENGLAND and WALES	32·8	−15·5	−0·3	0·0	−0·1	–	–	−24	78	97

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—THE YEAR 1964 [First Published 1914]

The summary showing the duration of wind speed between stated limits and extreme speeds at anemograph stations, will be found at Table IX, in the Wind Section.

TABLE III–SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1964

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average φ	Highest Maximum and Lowest Minimum: Maximum	Minimum	MEAN EARTH TEMPERATURE 1ft.	4ft.	RAINFALL (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average φφ	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in. (0·2 mm.) or more	·04 in. (1·0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0°C	Gale	BRIGHT SUNSHINE Daily Mean	Percentage of Average φ
		G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%
0	SCOTLAND, N.																											
Zetland	Hamnavoe	9 9	70	9·8	6·1	7·9	—	18·3	— 2·2	—	—	45·14	—	2·21	24 Mar	242	190	23	9	14	1	2	6	9	—	57	2·97	—
	Lerwick Obs'y. ¶§	21-9	269	9·1	5·1	7·1	−0·1	17·0	— 4·8	—	—	48·60	109	1·43	7 May	260	194	45	11	7	43	3	21	34	75	43	2·60	88
	Baltasound	9 9	78	9·7	4·7	7·2	—	17·8	— 3·9	7·6	—	41·26	92	1·10	11 Oct	267	186	35	7	14	4	2	8	27	—	34	2·40	—
Orkney	Sule Skerry	9 9	43	9·9	7·1	8·5	—	16·2	— 1·5	—	—	36·16	—	1·01	25 Aug	233	171	15	1	5	6	0	6	2	18	33	—	—
	Stenness	9 9	75	10·6	5·4	8·0	—	20·0	— 3·9	8·0	—	38·38	—	1·33	17 Aug	257	177				11	5	3	22	77	30	2·85	—
	Costa	9 9	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Kirkwall	21-9	84	10·1	5·6	7·9	—	19·0	— 3·4	—	—	36·80	93	1·47	17 Aug	234	167	47	5	32	3	5	4	15	54	18	2·83	85
Caithness	Dounreay	9 9	70	11·1	4·7	7·9	—	21·7	— 3·9	—	—	35·83	—	2·46	17 Aug	229	157	12	5	0	6	2	0	32	—	38	—	—
	Wick ¶§	21-9	119	10·4	5·2	7·8	−0·1	22·2	— 5·5	—	—	28·34	95	2·16	17 Aug	209	145	29	7	2	25	4	8	32	99	6	3·15	88
Sutherland	Cape Wrath	21-9	367	10·0	5·8	7·9	−0·3	20·0	— 4·0	—	—	40·23	85	1·10	23 Aug	241	180	18	3	12	7	3	26	11	21	50	—	—
	Achany	9 9	280	11·4	3·4	7·4	—	23·9	—11·1	7·7	7·7	37·10	89	·87	7 Aug	257	172	50	22	17	1	4	6	80	202	6	—	—
	Strathy	9 9	120	11·1	4·4	7·7	−0·1	21·7	— 5·6	—	—	37·22	87	2·59	17 Aug	243	164	39	4	1	21	5	2	45	—	2	2.80	92 S
Ross & Cromarty	Stornoway ¶§	21-9	11	11·0	5·7	8·3	−0·2	19·8	— 6·3	—	—	45·04	114	1·10	17 Aug	250	189	28	2	10	22	4	1	38	81	27	3·14	93
	Balmacara	9 9	2	12·3	6·0	9·1	—	23·9	— 3·9	—	—	61·14	—	1·41	13 Nov	239	204	—	5	—	—	—	—	18	—	—	—	—
	Poolewe	9 9	20	11·9	6·0	8·9	—	22·8	— 3·3	—	—	58·50	—	1·29	19 Oct	202	194	—	—	—	—	—	0	15	61	—	3·12	—S
	Inverpolly	9	45	11·8	5·5	8·7	—	21·1	— 5·6	9·0	—	50·00	—	(1·00)	27 July	234	192	—	—	—	—	—	—	32	117	—	—	—
														1·00	7 Oct													
	Achnashellach	9 9	220	11·7	4·4	8·1	0·0	23·9	— 7·8	—	—	88·77	110	2·00	8 July	268	226	23	10	1	0	0	1	47	—	7	—	—
	Kinlochewe	9 9	76	12·2	5·1	8·7	—	23·3	— 6·1	8·6	—	82·29	—	1·81	7 May	245	215	25	12	7	3	8	5	41	121	5	2·26	—S
														1·81	8 July													
	Blackbridge	9 9	690	—	—	—	—	—	—	—	—	47·43	—	1·86	8 July	241	180	—	—	—	—	—	—	—	—	—	—	—
	Fortrose ¶§	9 9	15	11·2	6·3	8·7	−0·1	22·2	— 3·9	—	—	23·17	91	1·90	17 Aug	185	123	—	10	—	—	—	4	14	—	—	3·04	87
	Tarbatness	21-9	60	10·7	6·2	8·5	—	22·0	— 3·5	—	—	20·37	—	1·39	17 Aug	179	117	19	2	3	0	0	10	12	—	4	—	—
Inverness	Benbecula	21-9	19	11·2	6·7	8·9	−0·1	21·0	— 2·4	—	—	45·31	101	1·60	13 Sept	241	187	18	3	6	27	4	5	17	69	55	3·15	—
	Isle of Rhum	9 9	15	12·0	6·1	9·1	—	23·3	— 3·3	10·0	9·9	94·16	—	2·39	13 Sept	244	216	15	2	20	16	13	0	20	107	86	—	—
	Prabost	9 9	220	11·2	5·6	8·4	—	22·2	— 3·3	—	—	72·55	—	1·73	26 June	274	211	21	9	6	42	4	4	17	124	54	3·13	—
	Duntulm	9 9	294	10·8	6·1	8·5	−0·1	21·7	— 2·8	—	—	50·83	96	1·44	13 Sept	253	196	18	1	14	5	3	9	13	50	35	3·02	92 S
	Onich ¶§	9 9	48	11·8	5·6	8·7	0·0	23·3	— 6·7	—	—	77·40	95	1·68	18 Nov	236	198	—	4	—	—	—	6	34	113	—	2·79	96S
	Fort William	9 9	27	12·1	5·1	8·6	—	24·4	— 9·4	8·9	9·3	59·88	—	1·30	5 May	228	176	25	8	2	14	11	4	53	98	10	2·63	—
	Fort Augustus	9 9	70	11·6	4·9	8·3	0·0	24·4	— 9·4	—	—	44·21	—	1·41	5 May	228	160	16	8	0	1	0	12	53	—	11	2·87	—S
	Cannich	9 9	350	11·6	2·7	7·1	—	23·3	—13·9	—	—	42·87	92	1·24	30 Dec	219	160	20	20	0	0	1	2	107	190	4	—	—
	Inverness	9 9	13	12·1	5·3	8·7	—	23·8	— 7·8	—	—	24·64	—	1·28	17 Aug	158	111	—	6	—	—	—	3	38	107	—	3·37	—
	Coire Cas Shieling	9 9	2500	7·5	2·0	4·7	—	20·6	(—11·1)	—	—	49·39	—	—	—	—	—	—	—	—	—	—	—	121	—	—	—	—S
	Cairngorm	9 9	3575	4·7	−0·1	2·3	—	17·2	(—12·2)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	196	—	—	—	—S
	Achnagoichan	9 9	1000	10·8	2·9	6·9	—	23·3	—11·1	7·0	—	27·31	—	1·23	9 Sept	192	135	40	—	2	0	0	—	103	177	10	—	—
	Glenmore Lodge	9 9	1120	10·7	2·7	6·7	—	23·2	—13·3	—	—	33·18	—	1·68	18 Aug	199	141	39	45	0	0	0	7	118	208	3	3·09	—S
1	SCOTLAND, E.																											
Nairn	Nairn ¶§	9 9	20	—	—	—	—	—	— 7·8	—	—	21·96	88	1·04	18 Aug	209	130	—	—	—	—	—	—	—	—	—	3·44	97
Moray	Forres	9 9	155	11·8	4·1	7·9	—	23·3	— 7·8	8·5	8·4	20·68	84	1·11	17 Aug	187	118	16	14	5	1	0	0	44	—	2	3·35	91
	Kinloss	21-9	15	12·0	5·0	8·5	—	24·2	— 7·3	8·2	—	20·37	—	1·17	17 Aug	187	114	32	8	1	21	0	1	54	124	16	3·27	—
	Elgin	9 9	92	12·3	5·2	8·7	—	24·4	— 5·6	—	—	20·94	—	1·01	17 Aug	185	121	10	7	0	0	0	0	35	86	0	3·59	—
	Lossiemouth	9 9	21	11·8	4·5	8·1	−0·2	23·9	— 8·3	—	—	19·70	—	1·25	17 Aug	175	113	27	7	5	8	1	3	54	132	8	—	—
	Gordon Castle	9 9	104	12·1	5·3	8·7	+0·1	24·4	— 5·6	—	—	23·77	80	1·21	18 Aug	173	125	13	11	5	5	0	—	30	—	3	3·31	94
Banff	Banff	9 9	80	11·4	5·5	8·5	—	23·3	— 6·1	—	—	24·10	—	2·52	17 Aug	191	125	19	2	14	0	2	13	13	—	11	3·15	—
Aberdeen	Braemar	9 9	1113	10·3	2·6	6·5	0·0	22·2	—13·9	—	—	27·50	75	1·13	14 Nov	199	135	—	28	—	—	—	0	97	—	—	3·07	—S
	Balmoral	9 9	927	10·5	2·3	6·4	−0·2	23·9	—14·4	—	—	27·46	83	1·26	19 Apr	207	135	41	36	0	0	1	—	104	171	2	—	—
	Dinnet	9 9	580	11·6	3·7	7·7	—	24·4	—12·8	8·0	—	24·07	—	1·47	17 Aug	190	111	—	20	—	—	—	4	74	—	—	3·53	—
	Huntly	9 9	405	—	—	—	—	25·0	— 9·5	—	—	27·23	—	1·36	18 Aug	208	130	—	—	—	—	—	—	—	—	—	—	—
	Fyvie Castle	9 9	218	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Craibstone ¶§	9 9	300	11·1	4·8	7·9	+0·1	25·6	— 6·7	8·1	8·1	25·15	74	1·77	24 Mar	199	120	24	16	8	5	2	10	33	89	18	3·57	53
	Dyce	21-9	190	11·5	4·5	8·0	+0·1	26·8	—11·7	—	—	23·72	67	1·98	24 Mar	172	107	24	10	5	11	3	12	64	136	4	3·40	—
	Aberdeen	9 9	170	11·3	4·9	8·1	—	26·1	— 9·4	—	—	24·54	75	2·62	24 Mar	161	110	18	8	5	0	1	14	45	103	0	3·75	101
	Hilton	9 9	230	11·4	5·4	8·4	—	26·1	— 5·6	8·6	—	25·53	—	2·43	24 Mar	166	124	19	8	6	7	4	19	32	115	4	—	—
	Udny	9 9	352	11·0	4·3	7·7	—	24·4	— 8·9	—	—	27·19	—	1·83	24 Mar	199	128	17	12	4	4	2	15	43	138	4	3·68	—
	Rattray Head	21-9	85	10·4	5·7	8·1	+0·1	24·6	— 7·5	—	—	24·76	87	1·36	17 Aug	209	134	18	5	6	2	0	22	20	—	21	3·49	—
Kincardine	Fettercairn	9 9	560	10·8	4·2	7·5	—	25·6	— 8·3	—	—	30·00	—	1·73	24 Mar	192	134	20	22	4	3	1	26	60	166	10	3·13	—S
	Strachan	9 9	395	11·6	3·6	7·6	—	27·8	—15·6	7·6	—	28·64	—	2·15	14 Mar	154	111	28	18	5	0	4	16	87	172	10	3·74	—S
	Stonehaven	9 9	12	11·5	4·8	8·1	−0·3	27·2	— 8·3	—	—	22·46	74	2·10	24 Mar	178	113	12	6	4	0	0	14	48	—	4	3·60	98
	Muchalls	9 9	210	11·2	5·0	8·1	—	26·1	— 6·1	—	—	22·79	—	1·22	17 Aug	169	107	18	5	2	0	1	16	25	97	2	—	—
Angus	Mylnefield	9 9	100	11·8	4·8	8·3	—	25·0	— 7·8	8·5	8·5	22·95	—	1·18	14 Mar	171	105	17	8	4	2	3	8	50	118	2	3·72	—
	Auchterhouse	9 9	760	10·8	3·4	7·1	—	25·6	— 8·3	7·6	7·5	28·53	—	1·25	14 Mar	190	128	48	21	1	11	8	30	68	174	7	3·53	—
	Dundee ¶	9 9	147	12·0	5·6	8·8	+0·3	26·7	— 5·6	9·2	—	23·83	77	1·32	14 Mar	175	115	10	8	2	4	2	—	36	129	5	3·51	—
	Glamis Castle	9 9	200	11·6	3·7	7·7	—	25·0	— 7·8	—	—	26·77	—	2·31	14 Mar	197	125	23	9	5	0	4	18	73	172	9	—	—
	Whitehillocks	9 9	845	11·0	2·9	6·9	—	23·9	—10·6	—	—	35·49	—	(1·73)	14 Mar	211	129	45	26	5	3	5	11	99	159	3	—	—S
	Buddon Ness	9 9	15	11·6	4·6	8·1	0·0	25·0	— 8·9	—	—	22·07	79	1·20	24 Mar	177	110	11	—	3	0	2	10	52	—	7	—	—
	Carnoustie	9 9	29	11·7	5·4	8·5	—	25·0	— 6·1	9·6	—	21·85	75	1·34	24 Mar	166	110	12	3	0	5	2	8	47	110	4	3·68	—
	Arbroath §	9 9	95	11·4	5·5	8·5	+0·1	25·6	— 5·0	—	—	18·87	72	1·35	24 Mar	164	103	9	2	1	0	2	13	27	67	6	3·77	92
	Montrose	9 9	186	11·6	5·1	8·3	—	26·1	— 7·2	—	—	21·66	76	1·73	24 Mar	182	109	17	6	7	0	3	12	47	120	2	—	—
Perth	Dall	9 9	720	10·9	3·5	7·2	—	23·3	—10·6	—	—	37·75	—	(1·60)	30 Dec	178	145	31	15	0	0	2	9	79	—	1	—	—
	Strathyre	9 9	425	11·3	3·9	7·6	—	22·2	—10·0	8·5	8·4	68·90	—	1·97	14 Mar	186	172	18	11	0	0	2	9	82	136	3	—	—
	Callander	9 9	230	11·9	4·5	8·2	—	23·3	— 9·4	—	—	54·08	—	1·40	8 Dec	185	166	—	12	—	—	—	—	68	120	—	—	—
	Ardtalnaig	9 9	427	11·5	4·8	8·1	—	24·4	— 6·7	—	—	38·18	—	1·55	14 Mar	196	154	16	5	4	0	8	6	44	107	9	—	—
	Dunblane	9 9	230	—	—	—	—	—	—	—	—	31·97	—	1·02	6 June	198	148	—	—	—	—	—	—	—	—	—	3·21	—S
	Pitlochry	9 9	473	11·3	3·7	7·5	—	23·3	—11·1	—	—	29·45	—	1·58	30 Dec	188	137	19	16	0	2	1	6	73	142	0	2·94	—
	Faskally	9 9	310	11·8	4·1	7·9	—	22·8	—11·1	8·5	8·7	28·90	—	1·73	30 Dec	185	125	30	11	2	2	2	6	61	144	0	—	—
	Dunning	9 9	250	11.7	4·5	8·1	—	23·9	— 9·4	—	—	31·31	—	1·23	14 Mar	198	128	—	—	—	—	—	0	54	—	—	3·67	—
	Perth	9 9	77	12·0	4·9	8·5	−0·1	24·4	— 7·8	—	—	26·39	86	1·83	14 Mar	188	125	13	7	2	0	1	13	50	100	0	3·50	97
	Inveralmond	9 9	26	12·3	4·5	8·4	—	25·0	— 8·3	—	—	26·03	—	1·49	14 Mar	177	117	10	5	1	1	4	—	60	106	0	—	—
	Blairgowrie	9 9	230	11·7	4·2	7·9	—	25·0	— 7·8	8·4	—	26·88	—	1·65	14 Mar	170	119	8	—	1	0	2	—	58	127	2	3·38	—
	Glenshee Lodge	9 9	1100	10·1	2·5	6·3	—	23·3	—12·8	7·0	—	39·93	—	1·31	30 Dec	228	154	43	26	0	5	4	9	106	169	7	—	—
Fife	Pitreavie	9 9	130	11·9	5·6	8·7	—	24·7	— 7·5	—	—	24·50	—	·87	19 Apr	167	126	15	6	3	1	4	14	34	98	3	—	—
	Ballingry	9 9	425	11·3	4·8	8·1	—	22·8	— 8·9	8·2	8·1	28·81	—	·76	6 June	191	131	19	9	1	2	6	38	47	124	18	3·64	—
	Kirkcaldy	9 9	137	11·9	5·4	8·7	+0·1	23·3	— 7·8	—	—	25·72	86	·91	19 Apr	164	125	15	4	7	1	0	6	38	102	5	3·32	—
	Cupar	9 9	82	12·1	4·9	8·5	—	25·0	— 7·8	8·6	—	20·62	—	·82	24 Mar	147	105	12	6	1	0	1	8	48	104	1	—	—
	Leuchars	21-9	35	11·7	5·0	8·3	−0·4	26·1	— 8·9	—	—	20·94	78	1·02	14 Mar	156	110	21	5	1	4	3	9	52	99	12	3·83	94
	St. Andrews	9 9	13	11·9	5·3	8·6	0·0	25·6	— 7·2	9·0	9·1	20·74	74	1·13	14 Mar	160	106	—	0	—	—	—	6	44	83	—	3·69	92
Midlothian	Balerno	9 9	700	11·1	4·2	7·7	—	22·2	— 8·9	—	—	24·62	—	·82	19 Apr	157	124	—	—	—	—	—	—	68	—	—	—	—
	Turnhouse	21-9	114	12·0	5·3	8·7	+0·1	23·7	— 8·2	—	—	21·25	79	·78	19 Apr	160	108	26	4	8	8	4	12	57	117	9	3·26	—
	Edinburgh—E. Craigs	9 9	200	11·7	5·2	8·5	—	22·8	— 6·7	—	—	21·30	—	·81	19 Apr	158	106	13	5	3	4	1	7	51	116	0	3·11	—S
	Davidson's Mains	9 9	200	11·8	5·4	8·6	−0·7	23·9	— 6·7	8·6	—	22·51	—	·85	19 Apr	173	110	14	6	1	4	2	13	46	106	6	3·26	—S
	Penicuik	9 9	620	11·2	4·2	7·7	—	22·2	— 9·4	8·4	—	30·08	—	1·21	6 Oct	183	132	19	13	3	1	3	17	65	—	9	3·00	—
	Bush House	9 9	605	11·0	4·4	7·7	—	21·7	— 9·4	8·1	8·2	28·12	—	1·13	6 Oct	188	128	17	11	2	0	3	15	69	115	4	3·50	—
	Edinburgh—																											
	Blackford Hill ¶§	9 9	441	11·8	5·8	8·8	+0·1	23·9	— 5·6	—	—	19·81	72	·78	19 Apr	148	102	12	4	1	0	3	15	34	97	43	3·57	94
	Liberton	9 9	200	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Royal Bot. Gdns.	9 9	74	12·0	5·3	8·7	−0·2	22·8	— 7·2	9·1	—	20·68	—	·90	19 Apr	158	108	12	4	2	3	2	20	49	125	4	3·47	95
E. Lothian	Haddington	9 9	162	12·1	5·2	8·7	—	23·9	— 7·8	—	—	20·63	—	1·55	14 Mar	157	92	12	1	5	2	4	5	53	108	6	3·60	—S
	North Berwick	9 9	152	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Dunbar	9 9	75	11·8	6·0	8·9	+0·1	24·4	— 4·4	—	—	17·40	—	1·15	10 Oct	152	92	8	0	0	0	1	1	22	61	0	4·17	103
Berwick	Mertoun	9 9	225	12·1	4·4	8·3	—	25·0	—11·7	—	—	19·69	—	·92	10 Oct	191	104	—	—	—	—	—	—	60	142	—	3·53	—
	Lauder	9 9	600	11·3	3·6	7·5	—	22·8	—15·0	—	—	24·45	—	1·04	10 Oct	192	125	27	15	5	0	8	16	73	160	5	3·50	—
	Marchmont ¶§	9 9	498	11·3	4·7	8·0	−0·1	23·3	— 8·9	—	—	23·06	75	1·20	10 Oct	177	123	13	16	0	0	4	6	49	—	10	3·45	99 S
	Whitchester	9 9	838	10·8	3·9	7·3	—	23·9	— 8·3	—	—	27·44	—	1·57	10 Oct	209	136	30	—	4	0	4	—	60	—	4	—	—
	St. Abb's Head	9 9	245	11·1	6·6	8·9	—	24·3	— 5·2	—	—	—	—	—	—	—	—	11	0	5	0	4	21	14	26	32	—	—
Peebles	Stanhope Farm	9 9	741	11·1	4·0	7·5	—	22·2	—11·1	—	—	37·82	—	1·71	6 Oct	214	158	33	8	1	1	5	4	74	128	1	—	—
	Blythe Bridge	9 9	830	10·6	4·0	7·3	—	21·1	— 9·4	—	—	30·33	—	·95	6 Oct	197	142	36	15	3	7	5	7	72	128	7	2·97	—
	West Linton	9 9	800	10·7	3·7	7·2	—	22·2	—13·3	7·6	8·0	32·60	—	1·51	6 Oct	223	151	23	13	3	0	1	8	78	99	0	—	—
	Glentress	9 9	580	11·6	3·5	7·5	—	22·8	—14·4	—	—	26·34	—	1·13	14 Mar	173	134	24	9	1	0	4	6	80	—	0	—	—
Selkirk	Bowhill	9 9	600	11·4	4·2	7·8	—	23·3	—11·7	—	—	27·93	—	1·11	17 Aug	179	125	30	14	2	3	16	12	68	—	4	—	—
Roxburgh	Wauchope	9 9	560	11·4	4·0	7·7	—	23·9	—12·8	—	—	30·49	—	1·80	30 May	182	128	—	13	—	—	—	2	75	—	—	—	—
	Sourhope	9 9	900	10·9	4·3	7·6	—	24·4	—10·6	—	—	25·47	—	1·83	11 Oct	184	125	—	16	—	—	—	4	56	143	—	3·08	—

¶§ District Value Stations ¶ For Rainfall and Temperature § For Sunshine S Sunshine exposure imperfect.

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1964

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average φ	Highest Maximum and Lowest Minimum: Maximum	Minimum	MEAN EARTH TEMPERATURE 1ft.	4ft.	RAINFALL (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average φφ	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in. (0·2 mm.) or more	·04 in. (1·0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0°C	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage φ of Average
6a SCOTLAND, W.	G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%
Argyll Tiree ¶§	21-9	29	11·3	7·1	9·2	−0·1	20·1	− 3·6	—	—	43·66	99	·97	6 Oct	233	180	14	1	2	32	5	2	10	59	36	3·40	86
Rhuvaal	21-9	65	11·5	7·3	9·4	—	21·5	− 0·5	—	—	51·78	—	1·11	14 Mar	225	187	12	0	19	0	4	3	2	23	34	—	—
Colonsay	9 9	87	11·9	6·3	9·1	−0·1	23·3	− 1·7	—	—	50·78	96	1·29	6 Oct	265	201	23	—	26	1	6	8	16	—	31	—	—
Tobermory	9 9	270	11·3	6·0	8·7	—	22·2	− 3·3	—	—	66·54	—	1·71	18 Nov	224	204	—	—	—	—	—	—	10	52	—	—	—
Craighouse	9 9	10	12·3	6·9	9·6	—	23·3	− 1·1	—	—	63·89	—	1·40	9, 21 Sept	253	200	—	0	—	—	—	0	2	23	—	—	—
Campbeltown	9 9	10	12·3	—	—	—	22·2	− 3·3	—	—	39·91	—	1·20	19 Mar	186	146	9	0	3	0	2	133	10	—	1	3·47	—
Achaglachgach	9 9	40	12·2	5·2	8·7	—	23·3	− 5·6	—	—	62·29	—	1·57	21 Sept	244	220	15	—	21	0	5	0	39	145	1	—	—
Oban	9 9	229	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lephinmore	9 9	30	11·9	6·0	8·9	—	22·2	− 4·4	—	—	61·99	—	1·54	21 Sept	226	192	16	3	19	0	7	7	25	109	1	2·52	— S
Glenbranter	9 9	120	11·4	4·8	8·1	−0·2	23·3	− 8·3	—	—	82·97	88	1·81	7 July	235	201	—	6	—	—	—	4	65	117	—	—	—
Benmore Forestry Sch.	9 9	46	11·8	4·6	8·2	−0·5	22·8	− 7·2	8·7	—	83·89	90	2·05	11 Dec	226	197	12	6	1	0	3	30	66	112	1	—	—
Younger Bot. Gdns.	9 9	40	—	5·5	—	—	—	− 5·6	—	—	83·73	—	2·02	11 Dec	229	200	18	8	6	1	3	12	41	111	0	—	—
Bute Rothesay ¶§	9 9	150	11·7	6·4	9·1	+0·1	22·8	− 3·9	8·9	8·9	49·66	88	1·23	17 Aug	226	174	9	0	4	4	4	0	10	59	0	—	—
Millport	9 9	16	11·9	7·2	9·5	—	22·2	− 2·2	—	—	43·37	96	1·42	14 Aug	205	165	15	0	8	0	1	0	·7	—	20	—	—
Dunbarton Helensburgh	9 9	293	11·5	5·4	8·5	−0·1	21·7	− 6·1	—	—	49·69	86	1·30	17 Aug	220	179	7	5	0	0	0	12	39	—	0	3·06	93 S
Cumbernauld	9 9	310	11·5	4·4	7·9	—	23·9	−13·3	—	—	40·69	—	·96	17 Aug	209	168	14	10	0	1	1	18	68	—	4	—	—
Stirling Earls Hill	9 9	1100	9·4	3·6	6·5	—	22·3	− 8·3	—	—	53·65	—	1·76	11 Dec	222	173	—	—	—	—	—	46	76	99	—	3·25	—
Stirling	9 9	151	12·2	5·7	8·9	−0·1	25·0	− 7·8	9·7	9·4	32·29	84	1·48	6 June	195	138	12	10	1	2	2	19	33	97	1	3·47	—
Falkirk	9 9	100	—	—	—	—	—	−10·0	—	—	30·72	—	·94	6 June	180	138	—	—	—	—	—	—	—	—	—	—	—
Renfrew Greenock	9 9	200	11·7	6·3	9·0	−0·2	21·7	− 6·1	—	—	56·34	90	1·71	11 Dec	215	178	13	6	1	1	2	18	24	103	2	3·15	—
Paisley	9 9	106	12·1	6·1	9·1	−0·3	22·8	− 5·0	9·5	9·1	40·58	92	1·45	17 Aug	206	158	17	3	6	2	8	36	25	72	9	2·99	90
Barrhead	9 9	97	11·9	5·2	8·5	—	21·7	− 8·9	—	—	43·02	—	1·42	6 June	197	161	10	4	4	0	7	13	51	90	0	—	—
Renfrew ¶§	21-9	26	12·2	5·8	9·0	+0·1	22·7	− 8·0	—	—	34·97	86	1·76	6 June	194	152	23	3	9	3	9	18	42	96	1	3·15	93
Lanark Crossmyloof	9 9	75	—	5·5	—	—	23·3	− 6·7	—	—	33·75	—	1·33	17 Aug	203	148	13	7	1	2	3	14	45	—	0	3·14	—
Thorntonhall	9 9	453	11·2	4·8	8·0	—	21·1	− 8·3	—	—	40·14	—	1·71	17 Aug	204	159	8	5	1	0	0	—	58	134	0	—	—
Glasgow, Springburn	9 9	351	11·5	5·2	8·3	−0·2	22·2	− 7·2	—	—	36·94	93	1·20	17 Aug	211	161	16	7	4	1	12	13	43	104	3	3·13	100
Coatbridge	9 9	256	11·9	5·1	8·5	—	22·2	− 7·2	—	—	30·94	—	·89	17 Aug	202	143	14	7	3	1	1	5	47	—	0	—	—
Happendon Station	21-9	675	10·9	3·3	7·1	—	22·5	−11·5	7·7	—	37·22	—	1·42	6 Oct	206	151	27	9	7	2	9	2	93	142	15	3·09	—
Lowther Hill	21-9	2377	6·7	1·5	4·1	—	19·0	− 9·1	—	—	—	—	—	—	—	—	64	—	0	3	7	226	133	—	106	2·37	—
Leadhills	9 9	1270	9·8	3·5	6·7	—	21·7	−11·7	—	—	53·05	—	1·81	6 Oct	229	189	33	23	0	6	7	8	76	96	3	—	—
Carnwath	9 9	706	11·0	3·6	7·3	—	22·8	−12·2	—	—	28·85	—	1·11	6 Oct	216	141	24	12	8	1	7	11	83	—	19	—	—
Camps Reservoir	9 9	969	10·0	3·3	6·7	—	21·1	−10·6	—	—	39·28	—	2·22	6 Oct	230	166	22	14	2	0	6	31	80	—	5	2·67	— S
Ayr Turnberry	9 9	25	12·3	6·0	9·1	−0·2	22·8	− 5·0	—	—	36·49	—	1·98	3 Jan	198	149	8	0	4	0	2	1	28	—	0	3·43	—
Largs	9 9	20	12·3	6·6	9·5	0·0	22·8	− 3·9	—	—	46·56	—	1·30	17 Aug	198	172	10	5	0	0	1	6	11	59	0	3·06	—
Barr	9 9	400	11·9	4·4	8·1	—	23·3	− 8·3	—	—	51·58	—	1·65	6 Oct	225	180	9	5	7	2	8	4	66	—	2	—	—
Auchincruive	9 9	147	12·0	5·6	8·8	−0·1	23·9	− 5·6	9·0	9·1	33·97	86	1·14	21 Sept	191	144	13	0	9	2	8	1	41	114	5	3·39	94
Prestwick Airport	21-9	51	12·1	5·9	9·0	—	24·5	− 6·4	—	—	34·03	92	1·15	21 Sept	180	138	20	2	6	6	8	0	53	90	2	3·54	—
Kilmarnock	9 9	115	12·1	5·7	8·9	−0·1	22·2	− 5·6	9·3	9·4	40·82	—	1·14	21 Sept	195	159	6	0	0	1	0	6	35	95	0	3·20	88 S
Dumfries Dalmacallan	9 9	480	10·9	4·2	7·5	—	22·8	−11·1	—	—	51·58	—	2·15	17 Aug	202	168	15	5	2	0	12	15	64	122	3	—	—
Dumfries ¶§	9 9	140	11·6	5·2	8·4	−0·4	22·2	−10·6	9·2	9·3	39·27	92	1·87	6 Oct	182	142	6	—	2	0	6	10	49	116	2	3·43	97
Eskdalemuir Obs'y. ¶§	21-9	794	10·7	3·9	7·3	0·0	22·1	−14·6	8·7	8·4	54·47	87	2·47	6 Oct	211	168	50	15	19	7	13	11	81	120	6	3·06	92
Kirkcudbright Bargrennan	9 9	360	11·9	4·5	8·2	—	23·3	− 7·8	—	—	53·27	—	1·64	9 June	234	181	15	2	4	3	3	5	64	146	0	—	—
Palnure	9 9	50	12·1	4·4	8·3	—	23·9	− 7·8	—	—	46·84	—	1·52	8 Aug	198	169	8	3	0	0	1	7	67	—	1	—	—
Clatteringshaws	9 9	585	—	—	—	—	—	—	—	—	67·59	—	2·02	11 Dec	218	177	—	—	—	—	—	—	—	—	—	3·22	—
Glenlee	9 9	181	12·2	4·2	8·2	−0·3	23·3	−11·7	—	—	53·87	—	1·79	11 Dec	206	172	14	6	4	0	2	5	75	102	3	—	—
Dundeugh	9 9	390	11·5	3·7	7·6	—	23·3	−13·3	8·4	—	48·97	—	2·09	6 Oct	208	172	22	6	1	0	7	4	89	—	5	—	—
Glenlochar Barrage	9 9	154	11·9	4·9	8·4	—	23·3	− 8·9	—	—	47·10	—	2·12	6 Oct	209	163	—	4	—	—	—	10	58	—	—	—	—
Threave	9 9	240	11·7	4·7	8·2	—	23·9	− 9·4	—	—	45·58	—	1·89	6 Oct	183	152	9	5	4	0	5	11	62	117	1	—	—
Castle Douglas	9 9	196	11·8	—	—	—	23·3	−10·6	8·6	—	42·05	—	1·98	6 Oct	185	143	—	3	—	—	—	17	—	130	—	3·61	—
Wigtown West Freugh	21-9	50	11·9	5·6	8·7	—	21·8	− 5·5	—	—	36·78	92	1·18	21 Sept	187	143	—	—	—	—	—	—	44	—	—	3·55	—
Penwhirn	9 9	546	—	4·8	—	—	—	− 7·8	—	—	55·05	—	1·78	21 Sept	189	169	7	7	1	0	0	24	50	100	1	2·87	—
Mull of Galloway	21-9	257	11·3	7·3	9·3	—	21·1	− 1·6	—	—	—	—	—	—	—	—	10	0	0	0	5	16	4	—	54	—	—
6b ISLE OF MAN																											
Isle of Man Ronaldsway	21-9	55	12·0	7·1	9·5	—	21·6	− 5·1	—	—	30·83	90	1·11	17 Aug	168	121	15	0	3	8	4	5	17	52	41	3·87	—
Douglas	9 9	284	11·7	6·9	9·3	−0·1	21·7	− 2·8	—	—	38·86	86	1·41	6 Oct	170	135	12	1	5	1	3	16	10	47	6	3·73	86
Point of Ayre	21-9	30	12·5	7·5	10·0	—	24·5	− 4·5	—	—	—	—	—	—	—	—	7	0	3	4	3	2	5	—	17	4·05	—
2 ENGLAND, N.E.																											
Northumberland Kielder Castle	9 9	660	10·9	3·2	7·1	—	22·8	−14·4	8·7	—	44·09	92	2·21	8 Dec	220	154	16	16	1	3	7	40	91	162	0	—	—
Bellingham	9 9	849	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Haydon Bridge	9 9	270	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corbridge	9 9	160	12·3	4·1	8·2	—	25·0	−11·7	—	—	19·53	—	1·19	18 Aug	143	97	15	5	1	1	3	19	84	—	3	—	—
Berwick-on-Tweed	9 9	76	11·5	5·8	8·6	0·0	22·8	− 6·1	—	—	18·64	80	·97	11 Oct	164	103	7	0	8	2	7	12	31	58	10	3·69	94
Cockle Park ¶§	9 9	326	11·6	5·1	8·3	+0·1	25·0	− 6·7	—	—	21·79	76	1·24	18 Aug	170	113	—	—	—	—	—	—	39	—	—	—	—
Acklington	21-9	138	11·7	5·3	8·5	—	24·7	− 8·2	—	—	18·77	—	·83	6 June	166	102	27	5	12	7	8	8	47	84	10	3·87	—
Tynemouth	21-9	95	11·5	6·9	9·2	0·0	26·0	− 5·7	—	—	18·69	70	1·02	14 Mar	148	99	18	3	6	1	12	15	17	58	9	3·57	99
Durham Chopwellwood	9 9	446	12·0	4·9	8·5	−0·1	23·9	− 6·7	—	—	21·18	73	1·14	14 Mar	162	104	18	15	0	0	1	13	56	118	1	—	— S
Ushaw College	9 9	594	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Houghall	9 9	123	12·7	4·3	8·5	−0·1	25·0	−11·7	—	—	20·86	75	1·44	18 July	168	107	12	11	3	4	7	25	72	134	0	3·57	101
Durham ¶§	9 9	336	12·3	4·7	8·5	−0·2	25·0	− 9·4	9·0	9·3	20·29	77	1·09	14 Mar	165	107	—	16	—	—	—	—	67	114	—	3·55	97
Gateshead	9 9	509	11·6	5·7	8·7	—	24·4	− 6·1	—	—	19·99	—	1·21	14 Mar	160	103	—	10	—	—	—	20	43	—	—	3·27	—
Middleton St. George	21-9	115	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
West Hartlepool	9 9	30	12·5	6·3	9·4	—	26·1	− 7·8	—	—	16·68	—	1·49	18 July	148	91	11	6	5	0	7	23	34	62	5	3·42	—
Yorks., N. Riding Dishforth	21-9	105	12·8	5·6	9·2	−0·1	27·0	− 8·4	—	—	17·73	71	1·12	14 Mar	156	89	19	7	3	4	11	30	56	94	3	3·78	94
Thirsk	9 9	111	12·7	4·9	8·8	—	25·6	−10·0	—	—	17·62	—	1·41	18 July	148	92	17	2	2	0	13	28	70	139	0	—	—
York ¶§	9 9	57	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ampleforth	9 9	313	—	—	—	—	—	− 7·8	—	—	19·10	64	1·47	14 Mar	156	110	—	—	—	—	—	—	64	109	—	—	—
Redcar	9 9	25	12·8	6·5	9·7	—	27·8	− 7·8	—	—	15·15	63	1·03	12 Dec	172	101	—	—	—	—	—	9	26	—	—	3·59	—
Pickering	9 9	143	12·6	4·3	8·5	—	27·2	−14·4	—	—	17·85	—	1·14	9 Aug	175	102	17	13	3	1	11	28	78	117	0	—	—
Whitby	9 9	135	12·5	6·0	9·3	—	27·2	− 9·4	—	—	15·07	57	·64	18 Aug	136	97	14	8	1	4	7	17	34	—	1	—	—
Scarborough ¶§	9 9	118	12·6	6·6	9·6	−0·2	28·3	− 6·1	9·9	10·3	15·73	62	·88	14 Mar	148	110	12	7	1	0	3	19	19	46	6	3·85	101
Silpho Moor	9 9	665	11·6	4·5	8·1	—	26·1	− 7·2	8·0	—	23·44	—	1·17	14 Mar	198	128	14	15	1	4	2	35	73	141	0	3·89	—
Whitby C/Guard	21-9	200	11·8	6·2	9·0	—	30·7	− 9·2	—	—	13·93	—	1·66	14 Mar	127	75	9	9	4	6	16	12	31	56	29	—	—
Yorks., E. Riding High Mowthorpe	9 9	574	11·5	4·8	8·2	—	27·8	−11·1	8·4	—	19·24	63	1·87	14 Mar	168	116	—	17	—	—	2	32	58	116	0	—	—
Hull	9 9	8	13·0	6·3	9·7	−0·2	29·4	− 7·8	9·4	9·2	17·88	70	1·55	14 Mar	153	104	11	7	1	1	12	17	43	89	3	3·80	103
Leconfield	21-9	24	12·7	5·6	9·2	—	28·3	− 7·5	—	—	16·96	—	1·61	14 Mar	151	102	32	10	1	13	17	29	48	117	2	3·72	—
Filey	9 9	122	11·9	5·4	8·7	—	27·8	−11·1	—	—	14·23	—	1·15	14 Mar	140	85	14	—	4	6	8	23	44	74	1	3·73	—
Bridlington	9 9	157	12·0	5·3	8·7	—	27·8	−10·6	—	—	18·80	—	1·25	14 Mar	163	102	14	9	7	8	9	23	40	85	24	3·94	—
Spurn Head	21-9	29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lincoln Gainsborough	9 9	110	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Navenby	9 9	60	13·3	5·0	9·2	—	29·4	− 9·4	—	—	16·54	—	1·21	14 Mar	153	96	17	9	3	0	11	32	76	—	2	—	—
Waddington	21-9	224	12·7	5·6	9·1	−0·3	29·2	− 8·6	—	—	15·10	—	1·24	14 Mar	139	86	27	8	2	11	11	40	51	86	1	3·94	—
Lincoln	9 9	22	13·4	4·1	8·7	—	28·9	− 8·9	9·5	9·4	15·51	—	1·25	14 Mar	156	93	6	4	0	0	6	42	80	138	2	3·69	—
Cranwell ¶§	9 9	205	12·9	5·3	9·1	−0·3	29·1	− 7·7	9·5	9·6	16·42	70	1·36	14 Mar	141	94	23	6	0	6	10	32	62	97	1	4·07	100
Binbrook	21-9	353	12·1	5·7	8·9	—	29·9	− 7·6	—	—	18·86	—	1·23	14 Mar	153	104	28	15	3	14	15	34	52	94	0	—	—
Cleethorpes	9 9	23	—	6·3	—	—	—	− 7·2	—	—	16·33	70	1·20	14 Mar	128	98	—	5	—	—	—	21	32	—	—	4·28	104
Manby	21-9	55	12·9	5·8	9·3	—	30·2	− 9·3	—	—	19·26	—	1·23	14 Mar	146	105	23	9	2	13	15	25	43	81	0	4·22	—
Skegness	9 9	15	12·8	5·9	9·3	−0·2	30·6	− 7·8	—	—	18·44	83	1·50	14 Mar	118	96	10	6	0	1	5	28	49	—	0	—	—
3 ENGLAND, E.																											
Norfolk Terrington St. Clement	9 9	13	13·3	5·4	9·3	—	31·7	− 9·4	9·6	—	17·23	84	1·40	14 Mar	139	96	10	7	2	0	5	29	61	82	2	4·38	—
Marham	21-9	76	13·1	5·5	9·3	—	31·2	−11·1	—	—	20·75	—	1·26	14 Mar	143	108	19	6	1	2	14	25	59	94	1	—	—
Santon Downham	9 9	80	13·8	3·9	8·8	—	32·2	− 9·4	9·4	9·5	20·29	—	1·10	14 Mar	155	100	—	11	—	—	—	23	96	166	—	3·99	—
West Raynham	21-9	250	12·6	5·4	9·0	—	31·1	−10·2	—	—	22·26	—	1·11	14 Mar	160	104	30	7	4	13	23	31	65	111	3	4·44	—
Cromer	9 9	178	12·7	6·3	9·5	−0·3	32·8	− 8·3	—	—	21·68	81	1·02	14 Mar	146	107	—	7	—	—	—	2	25	73	—	4·49	105
Sprowston ¶§	9 9	93	13·0	5·5	9·3	−0·3	31·7	− 8·3	9·8	—	21·07	83	1·26	14 Mar	140	96	12	6	0	5	13	14	56	119	9	4·03	97 S
Coltishall	21-9	55	13·0	5·7	9·3	—	32·4	−13·6	—	—	21·26	—	1·06	14 Mar	156	95	24	9	10	6	18	25	50	105	0	—	—
Burlingham	9 9	89	13·0	5·9	8·5	—	31·7	−10·6	—	—	19·97	81	1·32	14 Mar	160	96	18	9	0	7	19	19	48	87	7	4·30	—
Gorleston ¶§	21-9	12	12·3	6·9	9·6	−0·3	27·0	− 6·2	10·4	10·4	23·29	98	1·22	9 Aug	144	94	23	6	4	5	18	16	24	52	8	4·40	100

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1964

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ϕ	Highest Maximum and Lowest Minimum: Maximum	Minimum	MEAN EARTH TEMPERATURE 1ft.	4ft.	RAINFALL (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average ϕϕ	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in. (0·2 mm.) or more	·04 in. (1·0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0°C	Gale	BRIGHT SUNSHINE Daily Mean	Percentage of Average ϕ
3	ENGLAND E.—contd.	G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%
Suffolk	Mildenhall	21-9	15	13·7	6·0	9·9	−0·1	32·2	−9·5	—	—	18·37	85	1·33	14 Mar	139	91	21	9	1	4	13	23	54	105	0	4·41	104
	East Bergholt	9 9	14	14·0	5·1	9·5	—	32·2	−10·0	—	—	17·22	—	1·45	14 Mar	154	91	13	3	0	0	5	18	58	—	0	—	—
	Wattisham	21-9	292	12·7	5·4	9·1	—	31·7	−7·6	—	—	18·78	—	1·63	14 Mar	138	95	24	8	2	7	15	38	65	107	2	—	—
	Aldeburgh	21-9	15	12·2	7·4	9·8	—	25·0	−5·9	—	—	—	—	—	—	—	—	16	—	3	4	10	14	21	—	5	—	—
	Lowestoft	9 9	82	12·8	6·4	9·6	−0·1	27·2	−10·0	10·0	10·0	20·75	88	1·07	14 Oct	135	102	20	7	2	0	15	20	50	68	0	4·33	98
Cambridge	Boxworth	9 9	157	13·5	5·3	9·4	—	31·1	−10·0	—	—	16·42	77	1·38	14 Mar	135	88	14	9	1	0	6	28	62	118	1	4·24	—
	Cambridge Bot. Gdn. ¶§	9 9	41	13·9	5·3	9·6	−0·3	31·7	−9·4	10·3	10·5	18·23	84	1·25	14 Mar	138	95	—	8	0	0	4	11	60	131	—	—	—
	*Cambridge N.I.A.B. §	9 9	85	13·7	5·7	9·7	—	31·7	−8·9	—	—	18·05	84	1·23	14 Mar	138	95	12	8	2	6	5	31	49	133	2	3·97	97
Huntingdon	Monkswood	9 9	103	13·5	4·5	9·0	—	31·1	−10·6	9·7	—	18·08	—	1·75	14 Mar	128	94	15	9	4	0	6	29	87	117	0	—	—
	Wyton	21-9	129	13·4	5·8	9·6	—	31·0	−10·0	—	—	17·14	—	1·55	14 Mar	129	90	26	5	1	3	7	35	64	83	0	—	—
Bedford	Woburn	9 9	291	13·0	5·2	9·1	−0·2	30·0	−12·2	9·8	10·0	17·94	72	1·00	14 Mar	152	93	15	8	2	0	12	25	60	121	4	3·94	97
	Luton	9 9	379	12·9	5·2	9·1	−0·4	30·0	−11·1	—	—	17·73	71	·95	12 June	143	105	—	9	—	—	—	52	77	—	—	4·15	106
	Silsoe	9 9	195	13·3	5·3	9·3	—	30·6	−10·0	9·9	9·9	15·62	69	·80	14 Mar	140	89	14	5	0	2	11	31	65	130	3	3·75	—
	Cardington	21-9	93	13·7	5·2	9·5	—	31·3	−11·8	9·8	10·0	16·40	79	·88	14 Mar	142	83	23	5	2	7	14	31	66	111	1	3·75	—
	Letchworth	9 9	209	13·8	5·6	9·7	—	32·2	−11·1	—	—	15·28	—	·82	14 Mar	136	91	—	—	—	—	—	—	66	86	—	—	—
Hertford	Bovingdon	21-9	516	12·7	5·6	9·1	—	28·9	−10·3	—	—	25·77	—	1·50	21 July	155	99	25	10	5	7	17	37	75	97	0	—	—
	Garston	9 9	256	13·5	5·7	9·6	—	30·0	−10·6	—	—	22·29	—	1·19	14 Mar	144	93	21	10	0	6	16	35	56	123	0	4·31	—
	Rothamsted ¶§	9 9	420	13·1	5·1	9·1	−0·1	30·0	−12·8	9·7	9·7	20·69	75	·99	14 Mar	159	100	24	8	0	2	15	34	67	116	0	3·87	96
	St. Albans	9 9	272	13·5	5·4	9·5	0·0	30·0	−11·1	10·1	—	21·77	86	1·36	21 July	148	102	—	7	0	0	8	15	58	101	2	—	—
	Stanstead Abbotts	9 9	97	—	—	—	—	—	−12·2	—	—	20·20	—	2·39	21 July	127	91	—	—	—	—	—	—	—	—	—	—	—
	Hoddesdon	9 9	153	13·7	5·5	9·6	—	30·6	−11·1	10·4	—	18·26	—	1·22	14 Mar	135	91	15	8	1	0	9	—	54	96	2	—	—
	Eastwick Lodge	9 9	137	14·3	5·0	9·7	—	31·7	−12·2	—	—	19·21	81	1·25	14·Mar	148	95	—	6	—	—	—	21	61	—	—	—	—
Essex	Stansted	9 9	331	12·9	5·7	9·3	—	30·7	−8·9	—	—	18·36	—	1·37	14 Mar	144	99	31	9	4	6	17	33	65	103	—	—	—
	Writtle	9 9	105	13·8	5·4	9·6	—	30·6	−12·2	9·8	—	17·44	76	1·20	14 Mar	127	88	16	9	1	0	12	16	55	101	0	4·11	—
	Coryton	9 9	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Southend	9 9	90	13·8	6·9	10·3	—	29·4	−5·0	—	—	18·44	87	1·82	14 Mar	144	96	—	3	—	—	—	19	30	44	—	4·18	93
	Maldon	9 9	14	13·7	6·0	9·9	—	31·7	−11·7	—	—	18·04	—	1·69	14 Mar	175	95	19	—	0	0	9	35	42	—	0	—	—
	Earls Colne	9 9	160	13·8	5·4	9·6	—	31·7	−11·1	10·0	10·4	17·36	73	1·61	14 Mar	127	95	—	4	—	—	—	33	57	—	—	—	—
	Shoeburyness ¶§	21-9	7	13·4	7·3	10·3	−0·1	29·0	−5·8	—	—	18·83	93	1·92	14 Mar	133	96	19	3	1	7	17	28	35	77	8	4·22	94
	Clacton-on-Sea	9 9	53	12·8	7·2	10·0	—	25·6	−5·0	10·8	10·8	18·68	87	2·02	14 Mar	126	91	11	1	0	0	9	14	24	54	2	4·44	97
	Walton-on-Naze	21-9	15	12·6	7·3	10·0	—	24·9	−5·5	—	—	18·39	—	1·50	14 Mar	129	90	21	1	3	4	19	28	27	45	4	4·67	—
	Dovercourt	9 9	11	13·1	6·6	9·8	−0·4	27·2	−6·1	—	—	18·99	—	2·11	14 Mar	128	93	3	—	0	0	12	25	39	92	0	—	—
4	MIDLAND COUNTIES																											
Yorks., W. Riding	Slaidburn	9 9	629	11·3	4·8	8·1	—	23·3	−9·4	—	—	49·59	—	2·36	8 Dec	206	147	18	12	4	3	5	21	63	97	0	3·20	—
	Malham Tarn	9 9	1297	9·5	4·1	6·8	—	21·1	−8·9	—	—	45·46	75	1·55	8 Dec	204	161	34	26	6	4	14	38	79	149	2	—	—
	Huddersfield §	9 9	325	12·6	5·8	9·2	+0·1	26·7	−7·2	9·2	9·4	29·49	—	1·87	30 May	181	118	—	13	—	—	—	41	50	104	—	3·41	110
	" Oakes	21-9	761	11·7	5·4	8·5	−0·3	26·5	−7·1	8·5	8·4	35·18	94	1·90	12 Dec	218	132	21	17	7	10	20	41	54	110	15	3·29	97
	Bradford ¶	9 9	439	11·8	5·7	8·7	−0·2	25·0	−7·2	—	—	27·38	82	1·35	14 Mar	192	135	14	18	4	12	9	23	47	112	2	—	—S
	Ilkley	9 9	315	12·5	5·5	9·0	+0·1	25·0	−7·8	—	—	25·73	68	1·33	14 Mar	142	130	17	20	1	4	9	18	58	—	0	3·17	91
	Sheffield	9 9	429	12·7	6·0	9·3	−0·3	27·2	−5·6	9·6	9·5	25·29	82	1·30	15 Mar	163	124	15	14	0	0	7	—	45	109	0	3·53	104
															12 Dec													
	Wakefield	9 9	121	13·2	5·7	9·5	−0·1	27·2	−10·0	9·3	9·4	19·48	74	1·59	18 July	154	101	11	8	1	3	10	53	48	135	6	—	—
	Pontefract	9 9	255	12·5	5·7	9·1	−0·1	26·7	−6·7	—	—	16·90	71	1·06	20 June	149	88	10	10	1	0	14	60	42	57	1	—	—
	Bramham	9 9	177	12·7	4·9	8·8	—	27·2	−7·8	—	—	18·86	71	1·31	14 Mar	170	113	16	7	0	1	9	37	70	113	0	3·80	—
	Cawood	9 9	20	13·0	4·7	8·8	—	27·2	−9·4	9·1	9·5	16·07	65	1·20	14 Mar	139	92	7	5	1	1	5	29	71	115	0	3·44	—
	Askham Bryan	9 9	110	12·8	5·0	8·9	—	27·2	−7·2	—	—	16·27	63	1·22	14 Mar	137	106	7	8	0	0	1	43	61	117	0	3·77	106
Derby	Buxton	9 9	1007	10·5	4·5	7·5	−0·3	24·5	−10·0	8·3	8·6	43·92	91	2·81	12 Dec	189	164	25	—	0	0	6	76	84	109	7	—	—
	Chapel en le Frith	9 9	732	11·8	4·6	8·2	—	25·5	−11·1	—	—	38·09	—	2·48	12 Dec	183	144	19	20	7	2	—	—	—	—	—	—	—
	Mackworth	9 9	293	—	—	—	—	27·2	−10·0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Belper	9 9	203	13·0	4·8	8·9	−0·5	26·1	−7·8	—	—	23·12	80	1·70	14 Mar	142	111	11	8	0	0	5	—	73	—	0	—	—
	Derby	9 9	159	13·5	5·8	9·6	—	28·3	−7·2	—	—	20·95	—	1·30	14 Mar	148	103	11	8	0	0	9	39	54	106	0	3·71	—
	Morley	9 9	350	12·5	5·2	8·9	—	27·2	−7·8	—	—	22·97	78	1·29	14 Mar	146	106	8	10	2	0	6	—	53	132	2	3·64	—
	Chesterfield	9 9	298	12·9	5·0	8·9	—	27·2	−8·3	—	—	24·30	—	1·33	14 Mar	159	116	17	14	1	0	9	49	66	—	0	—	—
Nottingham	Sutton Bonington	9 9	157	13·0	5·1	9·1	−0·3	27·8	−8·9	9·7	10·0	17·51	76	1·35	21 July	152	94	11	8	0	1	6	26	63	145	0	3·70	102
	Watnall	21-9	385	12·7	5·6	9·1	—	28·1	−7·9	—	—	22·20	82	1·71	14 Mar	154	109	24	14	8	6	12	54	53	112	0	3·35	92
	Nottingham Training College	9 9	169	13·2	5·5	9·3	—	28·3	−7·2	—	—	17·02	—	1·04	14 Mar	117	89	—	—	—	—	—	61	59	—	—	—	—
	Mansfield	9 9	362	12·5	5·6	9·1	−0·2	27·2	−7·2	9·4	—	21·65	79	1·55	14 Mar	139	109	13	—	3	0	1	51	45	100	0	—	—
	Nottingham ¶§	9 9	192	13·2	5·9	9·5	−0·3	27·8	−7·2	9·4	—	17·35	72	1·00	14 Mar	125	91	8	9	0	0	3	37	47	98	0	3·16	93
	Warsop	9 9	150	13·2	4·3	8·7	—	27·8	−12·2	—	—	15·38	67	·66	14 Mar	149	99	—	9	—	—	—	44	80	135	—	3·44	—
															18 Aug													
	Finningley	21-9	34	13·4	6·0	9·7	0·0	28·6	−7·7	—	—	16·82	—	1·03	14 Mar	139	91	19	8	1	2	11	39	43	98	2	3·84	—
Leicester	Newtown Linford	9 9	392	12·7	4·8	8·7	—	27·2	−10·5	—	—	20·42	—	1·02	14 Mar	164	113	14	12	0	6	7	30	60	124	0	3·69	—
	Caldecott	9 9	175	13·6	4·2	8·9	—	30·0	−15·5	—	—	15·72	—	1·10	14 Mar	130	89	—	8	—	—	—	27	91	105	—	3·77	—
Northampton	Bugbrooke Mills	9 9	228	13·4	4·5	8·0	—	30·0	−12·8	9·5	—	15·43	—	·95	14 Mar	134	89	12	7	0	0	1	69	67	—	0	4·06	—
	Raunds	9 9	193	13·5	4·9	9·2	—	30·5	−11·7	9·9	9·7	17·19	75	1·17	14 Mar	152	98	16	9	2	0	9	42	72	102	0	3·74	—
	Wittering	21-9	212	13·2	5·5	9·4	—	30·4	−10·2	—	—	16·77	—	1·65	14 Mar	134	95	27	10	1	12	9	30	58	127	3	4·17	—
Warwick	Birmingham K.E.S.*	9 9	450	12·8	5·9	9·3	—	27·8	−7·8	—	—	21·74	—	1·45	6 Aug	157	105	17	10	1	4	6	36	47	—	0	—	—
	Edgbaston ¶§	21-9	536	12·4	6·5	9·5	−0·1	27·7	−7·0	8·9	9·5	22·28	73	1·07	6 Aug	166	101	28	15	4	0	11	36	40	81	0	3·45	97
	Luddington	9 9	138	13·6	5·4	9·5	—	28·3	−9·5	—	—	15·70	66	·62	1 June	140	88	20	11	0	1	6	29	68	105	0	3·86	—
	Stratford on Avon	9 9	160	13·7	4·7	9·2	—	28·3	−10·5	10·5	—	16·72	70	·71	14 Mar	142	91	9	3	0	0	5	25	66	118	3	3·68	—
	Elmdon	21-9	319	12·9	5·3	9·1	—	27·2	−11·6	—	—	20·80	78	1·05	13 June	155	97	26	10	3	6	9	30	64	111	2	3·76	—
	Shipston on Stour	9 9	365	13·1	5·4	9·2	—	28·3	−10·0	9·5	—	18·70	—	·81	1 June	155	98	18	11	6	0	10	—	63	—	—	3·85	—
	Wellesbourne	9 9	153	13·3	4·7	9·0	—	28·3	−10·6	—	—	17·94	72	·78	14 Mar	150	89	17	—	1	1	7	—	67	—	2	3·55	—
	Moreton Morrell	9 9	280	13·4	5·1	9·2	—	28·9	−12·2	—	—	19·27	—	·82	12 June	138	88	21	12	3	0	7	18	57	117	10	3·63	—
	Coventry	9 9	338	13·6	—	—	—	27·2	−11·1	—	9·7	20·11	76	1·00	12 June	149	103	13	—	0	1	5	11	—	—	0	3·52	99
	Rugby	9 9	385	13·0	5·3	9·1	−0·2	28·3	−9·4	9·1	—	18·70	—	·68	7 June	147	101	—	9	—	—	—	—	57	96	—	—	—
Oxford	Oxford ¶§	9 9	208	13·7	6·3	10·0	−0·1	30·5	−7·8	10·5	10·6	16·44	64	1·23	14 Mar	138	91	16	10	0	2	11	28	40	100	0	4·15	101
	Grendon Underwood	9 9	220	13·8	4·5	9·1	—	29·5	−12·2	9·9	10·1	18·48	—	1·36	21 July	130	96	12	4	0	0	7	—	65	—	0	3·95	—
Buckingham	Medmenham	9 9	98	14·0	4·3	9·1	—	28·9	−11·7	—	—	21·81	—	1·33	14 Mar	140	95	—	—	—	—	—	—	75	175	—	—	— S
	Aylesbury	9 9	316	—	5·2	—	—	29·5	−9·5	—	—	17·97	69	·86	14 Mar	128	94	15	10	2	2	11	54	72	133	3	3·92	—
Stafford	Keele	9 9	587	11·9	5·3	8·6	—	25·5	−8·3	8·8	8·9	26·67	84	1·25	12 Dec	178	120	20	8	4	5	14	33	52	97	1	3·40	—
	Oaken	9 9	409	12·9	4·6	8·7	—	27·2	−10·0	9·1	—	21·83	—	·77	12 Dec	130	114	—	—	—	—	—	—	69	—	—	—	—
	Stone	9 9	350	12·5	4·7	8·6	—	26·1	−10·0	—	—	25·10	—	1·15	12 Dec	186	119	11	10	1	1	6	32	69	159	1	3·50	—
	Penkridge	9 9	330	12·7	4·9	8·8	—	27·2	−9·4	—	—	22·21	—	1·04	18 July	153	112	13	10	3	0	8	23	64	131	1	—	—
	Onecote	9 9	1350	9·6	3·8	6·7	—	23·9	−8·3	7·2	7·4	34·54	—	2·22	12 Dec	143	140	14	26	0	0	5	58	84	111	0	3·18	—
Shropshire	Oswestry	9 9	570	12·1	5·4	8·7	—	23·3	−7·2	—	—	26·65	—	2·04	17 July	165	125	16	9	9	0	2	24	56	126	0	3·47	—
	Church Stretton	—	582	—	—	—	—	—	—	—	—	22·23	63	·90	12 Dec	175	128	—	—	—	—	—	—	—	—	—	3·40	—
	Shrewsbury	9 9	184	13·2	5·6	9·4	−0·3	26·7	−8·9	10·2	10·9	18·81	73	·90	12 Dec	175	117	22	10	4	8	8	29	49	101	4	3·53	95
	Shawbury	21-9	235	12·9	5·0	9·0	−0·4	26·3	−10·8	—	—	18·86	73	1·00	12 Dec	159	110	23	8	4	10	10	27	63	136	0	3·60	—
	Bridgnorth	—	245	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·91	—
	Newport	9 9	211	12·7	4·6	8·7	−0·3	27·2	−8·3	—	—	19·10	73	1·20	12 Dec	163	102	17	9	6	1	13	16	72	161	10	2·92	79
Worcester	Malvern	9 9	203	13·4	6·1	9·7	—	27·2	−8·3	10·4	10·3	19·23	65	·93	1 June	174	109	21	7	1	0	6	52	53	85	1	3·68	89
	Worcester	9 9	190	13·5	5·4	9·5	—	27·8	−9·5	—	—	16·20	66	·72	31 May	138	93	—	8	—	—	—	32	58	118	—	3·59	—
	Pershore Inst. of Hort.	9 9	130	13·9	5·7	9·8	—	27·8	−7·8	—	—	17·08	—	·91	1 June	133	99	—	—	—	—	—	31	62	157	—	—	—
	Pershore	21-9	114	13·5	5·6	9·5	—	27·3	−9·6	—	—	15·38	—	·67	1 June	135	88	22	6	0	5	5	29	57	93	8	3·75	—
	Halesowen	9 9	505	12·7	4·9	8·9	—	27·2	−12·8	9·7	9·6	21·87	—	·85	12 Dec	145	103	27	11	0	2	11	16	67	124	0	3·48	—
Hereford	Lyonshall	9 9	510	12·6	5·3	8·9	−0·3	27·8	−8·9	—	—	22·56	—	·96	12 Dec	159	107	—	—	—	—	—	—	61	140	—	—	—
	Credenhill	9 9	246	—	5·1	—	—	27·2	−10·6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	59	—	—	—	—
	Ross-on-Wye ¶§	21-9	223	13·3	6·2	9·7	−0·3	26·8	−10·7	10·3	10·6	18·58	67	·86	1 June	152	106	21	7	1	0	5	27	48	99	0	3·54	89
	Preston Wynne	9 9	274	13·1	4·8	8·9	—	27·2	−9·5	—	—	16·96	—	·67	31 May	150	105	21	6	1	3	3	40	60	144	1	3·75	—
Gloucester	Avonmouth	9 9	31	13·6	7·3	10·5	—	27·2	−6·1	—	—	—	—	—	—	—	—	6	1	1	0	3	—	27	—	0	—	—
	Filton	21-9	192	13·3	6·6	9·9	−0·2	26·0	−7·6	—	—	23·66	76	1·02	12 Dec	144	99	17	4	3	3	7	27	38	89	0	3·47	—
	Hempsted	9 9	39	13·5	6·0	9·7	—	26·1	−8·3	10·8	10·7	17·80	—	·87	1 June	149	97	19	—	1	0	6	54	47	76	3	3·55	—
	Gloucester	21-9	79	13·9	6·8	10·3	—	27·7	−7·8	—	—	17·37	—	·89	1 June	136	95	17	5	3	10	7	25	39	75	1	3·82	—
	Cheltenham	9 9	214	13·5	6·2	9·9	−0·2	27·8	−7·8	—	—	18·80	71	1·02	30 May	151	101	—	—	—	—	—	—	39	—	—	3·68	—
	Cirencester	9 9	443	13·1	5·3	9·2	—	28·3	−10·0	—	—	21·83	65	1·82	30 May	141	108	17	10	0	1	4	41	56	113	—	4·04	—
	Little Rissington	21-9	740	12·1	5·7	8·9	—	28·4	−9·1	—	—	18·94	62	·91	14 Mar	142	98	32	17	2	8	9	52	56	76	2	3·73	—

* National Institute of Agricultural Botany * King Edward School

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1964

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average φ	Highest Maximum and Lowest Minimum: Maximum	Minimum	MEAN EARTH TEMPERATURE 1ft.	4ft.	RAINFALL (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average φφ	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in. (0·2 mm.) or more	·04 in. (1·0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0°C	Gale	BRIGHT SUNSHINE Daily Mean	Percentage φ of Average
5 ENGLAND, S.E.	G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%
London Kensington Palace	9 9	81	14·1	7·1	10·6	–0·3	29·5	– 6·1	11·0	11·0	22·83	91	1·10	29 May	156	94	15	2	0	0	8	27	32	72	0	—	—
Hampstead	9 9	450	13·2	6·3	9·7	0·0	29·5	– 6·1	—	—	24·30	90	1·36	29 May	167	97	29	7	0	0	20	—	54	103	1	4·27	106
St. James's Park	9 9	27	14·4	7·2	10·8	–0·3	30·5	– 5·5	—	—	21·84	93	1·00	26 May 1 June	131	94	8	—	0	0	1	—	29	—	0	—	—
Regent's Park	9 9	129	14·3	—	—	—	30·0	– 5·5	—	—	23·13	—	·97	1 June	146	97	—	5	—	—	—	28	—	93	—	3·89	105
Camden Square	9 9	121	14·4	6·9	10·7	–0·3	30·5	– 4·5	10·8	—	22·03	88	·91	1 June	143	95	—	—	—	—	—	—	31	—	—	—	—
Kingsway	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4·14	111
Bunhill Row	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greenwich	9 9	24	14·2	6·7	10·5	—	30·0	– 6·7	—	—	21·02	93	1·07	18 June	143	100	6	4	0	0	16	7	29	48	0	3·87	103
Middlesex London (Heathrow) Airport	21-9	82	14·1	7·0	10·5	+0·1	30·1	– 7·1	—	—	19·70	83	1·18	14 Mar	134	91	22	4	3	5	15	22	38	75	2	4·18	—
Hampton	9 9	39	14·1	6·8	10·5	—	29·5	– 6·7	—	—	20·37	—	1·02	18 June	146	93	20	5	0	1	15	35	32	83	4	4·23	—
Southgate	9 9	221	14·0	6·4	10·2	—	30·0	– 6·1	10·0	—	22·77	—	1·70	21 July	144	89	17	4	1	0	12	19	49	84	0	3·67	—
Surrey Wisley	9 9	150	14·0	5·9	9·9	–0·2	29·5	– 8·3	10·6	10·7	23·10	89	1·56	31 May	157	95	21	6	0	2	18	26	36	115	4	4·14	103
Mickleham	9 9	179	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kew Observatory ¶§	21-9	18	14·0	7·5	10·7	+0·1	28·1	– 6·1	10.7	10.8	21·32	89	1·11	21 July	132	90	19	4	2	1	20	23	26	84	0	4·32	104
Gatwick §	21-9	192	13·8	5·1	9·5	—	28·5	–11·0	—	—	26·37	—	1·21	21 July	148	108	27	8	2	11	13	28	67	104	1	4·45	—
Waddon	9 9	220	13·8	5·5	9·7	–0·7	28·3	– 6·7	—	—	22·62	83	1·04	1 June	129	103	—	—	—	—	—	—	67	—	—	—	—
Addington	9 9	474	13·1	6·2	9·7	–0·1	28·3	– 6·1	—	—	24·67	85	1·19	1 June	161	116	—	—	—	—	—	16	47	—	—	—	—
Kent Bromley	9 9	213	13·7	6·5	10·2	–0·2	27·3	– 8·3	—	—	21·67	86	1·02	1 June	150	105	—	—	—	—	—	42	47	—	—	—	—
Swanley	9 9	177	13·7	5·6	9·7	—	28·9	–10·0	10·5	—	21·55	—	1·39	18 June	142	99	20	10	0	0	13	33	51	105	3	3·84	—
Dartford	9 9	17	14·2	6·1	10·1	—	30·0	– 9·4	—	—	20·60	93	1·79	18 June	143	102	18	5	0	1	11	21	38	—	0	—	—
Tunbridge Wells	9 9	351	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Goudhurst	9 9	280	13·5	5·1	9·3	—	28·3	–10·6	—	—	30·27	92	1·81	14 Mar	163	116	15	11	3	7	11	15	68	120	4	—	—
East Malling ¶§	9 9	122	13·9	5·5	9·7	0·0	29·4	–10·0	10·3	10·7	25·15	94	1·39	14 Mar	164	101	21	7	1	1	15	32	53	93	0	4·22	99
Gillingham	9 9	14	14·3	6·5	10·4	—	31·1	– 7·8	—	—	21·00	—	1·40	1 June	145	99	4	3	0	0	3	36	39	—	0	3·96	—
Sittingbourne	9 9	224	13·4	6·0	9·7	—	29·4	–10·0	10·3	10·5	24·05	87	1·53	18 June	150	109	15	6	0	0	9	32	44	93	6	4·45	—
Isle of Grain	9 9	9	14·1	7·3	10·7	—	30·5	– 4·5	—	—	20·66	—	1·65	13 Nov	124	92	—	—	—	—	—	19	25	69	—	4·10	—
Faversham	9 9	157	13·5	5·9	9·7	—	29·4	– 9·4	10·5	10·6	22·92	—	1·23	14 Mar	146	98	15	3	3	6	15	25	49	—	3	4·39	—
Dungeness	21-9	10	12·5	7·1	9·8	–0·4	23·5	– 8·2	—	—	24·28	97	1·08	14 Oct	151	105	17	2	3	0	15	16	31	—	15	—	—
Wye	9 9	185	13·5	5·9	9·7	–0·1	29·4	–10·0	—	—	24·55	81	1·37	14 Oct	148	118	9	8	1	0	13	31	48	88	1	4·37	97
Whitstable	9 9	9	13·7	7·1	10·4	—	30·0	– 6·7	—	—	19·57	91	1·37	14 Oct	134	98	15	4	2	2	14	11	39	—	9	4·54	—
Folkestone	9 9	128	13·1	7·2	10·1	—	24·5	– 3·9	—	11·4	27·43	104	2·50	14 Oct	151	107	17	4	4	2	17	8	26	—	12	4·70	—
Elmstone	9 9	28	13·7	5·7	9·7	—	28·9	– 8·3	—	—	22·89	—	1·45	14 Oct	151	102	—	3	—	—	—	13	53	65	—	—	—
Herne Bay	9 9	21	—	7·6	—	—	—	– 5·0	—	—	19·97	88	1·50	14 Oct	135	95	11	2	1	0	7	10	24	—	0	4·35	—
Dover	9 9	19	13·2	7·6	10·4	–0·1	25·0	– 6·1	11·6	11·7	30·90	107	2·59	14 Oct	142	108	17	2	3	0	19	17	22	49	10	4·48	—
Deal	21-9	18	13·1	7·9	10·5	—	27·9	– 4·5	—	—	24·29	—	2·18	14 Oct	136	99	8	1	0	0	16	24	24	29	2	—	—
Manston	21-9	145	13·2	6·7	9·9	—	30·4	– 7·0	—	—	21·17	—	1·65	14 Oct	142	87	21	2	1	3	15	23	39	79	3	—	—
Ramsgate	9 9	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Margate	9 9	51	13·0	8·1	10·6	–0·1	30·0	– 3·9	11·0	11·3	18·87	89	1·69	14 Oct	130	88	10	1	1	0	11	16	18	—	0	4·61	96
Sussex Thorney Island	21-9	10	13·8	7·0	10·4	—	28·3	– 6·5	—	—	23·85	89	1·32	14 Mar	135	93	20	3	0	0	12	13	36	79	0	4·40	—
Bognor Regis	9 9	24	12·8	7·3	10·1	–0·3	23·9	– 5·6	—	11·5	29·07	101	1·57	14 Mar	137	99	9	2	0	3	10	5	35	67	5	4·79	100
Fernhurst	9 9	188	13·6	5·5	9·5	—	28·9	– 8·9	—	—	28·76	—	1·84	14 Mar	147	110	13	—	1	1	8	—	53	119	0	4·32	—
Littlehampton	9 9	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rustington	9 9	10	—	6·3	—	—	—	– 6·7	—	10·5	26·25	—	1·26	19 June	127	100	—	1	—	—	—	—	35	83	—	4·24	—
Worthing	9 9	25	13·3	7·5	10·4	–0·2	25·6	– 3·9	10·9	11·2	26·57	97	1·67	31 May	148	97	10	4	6	0	13	3	25	68	4	4·76	96
Brighton	9 9	32	13·1	7·7	10·4	—	26·1	– 5·0	—	11·7	29·43	109	2·95	31 May	140	105	12	4	2	1	11	14	23	67	6	4·52	94
East Grinstead	9 9	400	—	—	—	—	27·8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Seaford	9 9	45	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East Hoathly	21-9	130	13·3	5·6	9·5	—	27·9	– 9·8	—	—	28·37	—	1·75	14 Mar	145	101	12	12	2	0	15	26	61	91	0	4·38	—
Eastbourne	9 9	23	12·9	7·8	10·3	–0·3	25·6	– 5·0	11·6	12·2	32·81	106	1·97	14 Oct	147	113	7	—	2	1	12	5	23	62	3	4·85	98
Eastbourne C/Guard	21-9	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bexhill	9 9	12	12·9	7·4	10·1	–0·3	25·6	– 6·7	11·3	—	28·22	100	2·64	14 Oct	133	109	12	4	1	0	10	16	30	66	8	4·54	96
Bodiam	9 9	73	13·8	5·3	9·5	—	29·4	–10·6	10·9	10·9	30·07	—	1·82	14 Mar	136	117	12	9	2	0	21	29	60	114	2	4·16	—
Hastings ¶§	9 9	149	12·8	7·5	10·1	–0·4	26·7	– 3·9	11·2	11·5	27·74	97	2·32	14 Oct	146	108	15	5	1	2	20	16	20	74	1	4·69	97
Berkshire Letcombe Regis	9 9	350	13·4	5·4	9·4	—	29·4	–10·6	—	—	19·90	—	1·17	14 Mar	148	99	—	—	—	—	—	—	65	—	—	—	—
Abingdon	21-9	210	13·9	6·0	9·9	0·0	30·7	– 9·8	—	—	15·92	66	1·14	14 Mar	139	94	26	9	1	7	11	37	48	74	0	4·02	—
Compton	9 9	339	—	—	—	—	—	—	—	—	19·27	—	1·49	14 Mar	150	96	—	—	—	—	—	—	—	—	—	—	—
Woolhampton	9 9	370	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wallingford	9 9	157	13·7	5·1	9·4	—	30·0	– 9·4	10·3	10·4	17·70	—	1·24	12 June	136	88	18	4	0	0	10	—	57	122	0	3·97	—
Shinfield	9 9	200	13·9	5·7	9·8	–0·2	29·4	– 8·3	—	—	—	—	—	—	—	—	—	4	—	—	—	36	45	—	—	3·98	—
Reading	9 9	148	14·1	6·4	10·3	–0·1	30·0	– 7·2	10·8	11·0	19·97	78	1·36	14 Mar	147	96	19	4	0	5	17	27	38	80	2	4·16	—
Reading S.T.G.	9 9	141	14·0	6·0	10·0	—	30·0	– 8·9	—	—	20·07	83	1·38	14 Mar	143	97	—	—	—	—	—	21	49	109	—	4·06	—
Finchampstead	9 9	212	13·7	5·1	9·4	—	28·3	– 9·4	9·7	9·8	22·01	—	1·35	14 Mar	164	109	16	6	0	1	13	30	66	158	0	4·15	—
Hurley	9 9	140	13·9	5·5	9·7	—	29·4	–10·0	10·2	—	22·63	—	1·84	12 July	139	98	16	5	2	0	10	21	54	94	0	4·15	—
Bracknell	9 9	243	13·7	5·9	9·9	—	28·9	– 8·9	10·4	10·7	21·16	—	1·22	14 Mar	148	96	25	6	1	1	13	35	46	85	0	—	—
Hampshire Bournemouth	9 9	130	13·3	6·9	10·1	–0·4	26·1	– 7·8	10·7	11·3	24·66	79	1·29	16 Mar	149	95	13	4	2	2	7	19	32	70	2	4·70	99
Hurn	21-9	33	13·7	6·1	9·9	—	26·9	–10·5	—	—	24·97	82	1·09	12 June	143	94	18	3	4	1	10	15	56	84	0	—	—
Christchurch	9 9	9	13·7	6·4	10·1	—	26·1	– 8·3	—	—	24·96	—	1·39	12 June	120	96	5	—	1	0	8	16	43	93	3	—	—
Everton	9 9	51	13·5	6·6	10·1	—	26·1	– 7·2	—	—	24·18	—	1·18	16 Mar	141	103	8	1	1	0	5	16	30	78	0	4·63	—
Southampton ¶§	9 9	65	14·8	6·9	10·9	+0·2	28·3	– 7·2	11·6	12·2	24·00	76	1·14	14 Mar	147	114	15	2	2	2	6	14	29	80	0	4·07	91
Leckford	9 9	385	13·3	5·6	9·5	—	28·3	– 7·8	9·8	—	24·64	78	1·49	31 May	138	92	—	—	—	—	—	23	45	—	—	4·09	95
Winchester	9 9	122	14·1	5·3	9·7	—	28·3	– 9·4	—	9·9	24·40	76	1·15	14 Mar	127	93	11	4	0	0	5	—	69	—	0	—	—§
Martyr Worthy	9 9	275	—	5·3	—	—	28·3	– 8·3	—	—	23·33	—	1·24	14 Mar	133	92	11	3	0	0	5	5	57	—	1	3·94	—
Southsea	9 9	7	13·5	7·8	10·7	–0·4	26·1	– 4·4	11·7	11·7	24·15	87	1·22	14 Mar	133	96	8	—	0	0	9	12	18	—	8	4·43	92
Hayling Island	9 9	13	13·1	7·5	10·3	—	27·2	– 6·1	—	—	22·56	—	1·19	14 Mar	134	91	7	3	1	0	11	6	28	—	9	4·71	—
Long Sutton	9 9	512	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Alice Holt Lodge	9 9	378	13·2	5·5	9·3	—	27·8	– 9·4	—	—	27·11	87	1·55	14 Mar	152	105	16	7	2	0	12	25	53	122	0	4·01	—
S. Farnborough	21-9	226	13·8	5·9	9·9	–0·2	29·3	–12·4	—	—	22·61	84	1·47	14 Mar	144	99	22	7	1	0	14	29	56	96	1	3·93	94
I. of Wight St. Catherine's Pt.	9 9	51	12·5	7·9	10·2	–0·3	22·3	– 4·3	—	—	25·71	87	1·09	18 Mar	142	103	14	—	2	3	11	22	16	—	21	—	—
Ventnor Park	9 9	443	12·8	7·5	10·1	–0·7	25·0	– 3·9	11·3	11·3	30·91	95	1·09	13 Oct	160	118	8	3	2	0	4	23	18	38	2	4·70	93
Shanklin	9 9	180	13·0	7·4	10·2	—	25·6	– 6·1	—	—	32·20	—	1·49	13 Oct	157	107	14	2	2	1	13	49	23	—	4	4·98	—
Sandown	9 9	13	13·7	7·9	10·8	–0·1	26·1	– 5·0	—	—	28·74	95	1·30	13 Oct	143	98	—	3	—	—	—	18	16	—	—	4·71	93
Ryde	9 9	15	13·7	8·0	10·9	–0·1	27·2	– 5·0	—	—	26·23	88	1·01	14 Mar	143	103	—	3	—	—	—	9	19	—	—	4·49	93
Wiltshire Lacock	9 9	160	13·5	5·1	9·3	—	27·8	– 9·4	—	—	19·26	—	·93	30 May	147	96	—	5	—	—	—	32	62	133	—	—	—
West Lavington	9 9	305	13·3	5·1	9·2	—	28·3	– 8·9	—	—	19·24	63	1·08	31 May	146	102	12	4	1	0	5	29	51	—	0	—	—
Lyneham	21-9	476	12·6	5·9	9·3	—	27·3	– 9·2	—	—	18·81	65	·78	30 May	140	96	25	6	2	5	7	31	52	87	0	4·11	—
Chiseldon	9 9	510	13·1	4·7	8·9	—	28·9	– 8·9	—	—	21·27	—	1·10	30 May	149	106	35	15	3	1	10	24	67	116	7	—	—
Larkhill	9 9	431	13·2	5·3	9·3	–0·1	27·9	– 9·4	—	—	20·99	74	1·26	31 May	144	94	20	5	2	2	14	26	57	103	0	—	—
Boscombe Down	21-9	414	13·3	5·8	9·5	–0·1	29·1	–10·0	—	—	21·26	75	1·30	31 May	134	96	20	4	1	3	10	24	53	94	3	4·16	98
Upavon	21-9	578	12·6	5·7	9·1	—	27·9	– 9·5	—	—	19·58	—	·82	14 Mar	146	99	30	3	4	1	8	33	50	88	2	—	—
Porton ¶§	9 9	364	13·5	5·1	9·3	–0·1	27·6	– 9·5	9·5	—	23·74	81	1·36	31 May	139	91	15	4	2	5	7	24	56	107	2	4·06	92
7a ENGLAND, N.W.																											
Cumberland Sellafield	9 9	43	—	6·8	—	—	25·6	– 8·3	—	—	37·68	87	1·51	21 Sept	181	142	—	2	—	—	—	6	17	86	—	3·73	—
Carlisle	21-9	86	12·4	5·7	9·1	—	24·4	– 8·9	—	—	26·85	—	·99	6 Oct	168	114	19	0	5	3	10	7	54	81	2	3·56	—
Newton Rigg ¶§	9 9	560	11·7	4·8	8·3	0·0	22·8	– 9·4	—	—	30·77	88	1·26	6 Oct	204	137	—	—	—	—	—	11	63	116	—	3·53	99
Spadeadam	9 9	900	10·1	3·8	6·9	—	21·7	–10·6	7·3	7·6	45·01	—	1·83	8 Dec	217	156	37	11	9	8	5	45	74	115	10	2·88	—
Westmorland Ambleside	9 9	151	12·4	5·3	8·9	—	25·0	–11·7	—	—	68·96	93	3·51	8 Dec	201	157	9	6	7	0	8	11	44	—	0	3·09	95
Great Dun Fell	21-9	2780	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2·15	—
Moor House	9 9	1625	8·1	2·1	5·1	—	20·0	–13·9	6·2	—	62·81	—	2·17	29 Dec	242	186	—	51	—	—	—	46	127	170	—	2·89	—
Lancashire Squires Gate	21-9	33	12·5	6·2	9·3	–0·3	25·9	–11·0	—	—	26·93	80	·98	8 Dec	173	122	16	5	5	2	8	18	51	93	7	3·95	95
Urswick	9 9	130	12·6	5·8	9·2	—	25·0	–10·0	—	—	39·34	—	1·38	11 Dec	186	138	8	4	1	2	9	37	40	—	16	—	—
Southport	9 9	16	12·3	5·6	9·0	—	24·4	– 9·4	10·2	—	28·28	—	1·20	12 Dec	168	128	—	5	—	—	—	—	55	95	—	3·94	—
Poulton-le-Fylde	9 9	38	12·4	6·4	9·4	—	28·3	–11·7	—	—	27·87	—	1·20	8 Dec	171	130	7	—	1	0	1	16	45	—	1	—	—
Grizedale	9 9	300	—	3·9	—	—	—	–12·8	9·1	—	68·14	—	3·08	11 Dec	213	170	11	9	0	2	3	8	83	125	0	—	—
Speke	21-9	80	13·0	7·0	10·0	—	25·7	– 7·8	—	—	24·67	81	1·21	24 Mar	161	115	19	5	5	2	8	17	34	59	10	3·62	—
Kirkham	9 9	78	12·7	5·6	9·1	—	24·4	–10·0	—	—	30·71	82	1·32	11 Dec	170	131	14	5	1	8	11	11	57	120	0	3·99	—
Garstang	9 9	68	12·3	5·9	9·1	—	23·9	– 7·8	—	—	32·14	—	1·52	11 Dec	168	130	—	5	—	—	—	2	47	89	—	3·58	—
Morecambe	9 9	24	12·3	6·9	9·7	0·0	25·6	– 9·4	—	—	35·31	92	1·42	29 May	179	129	4	4	0	1	0	4	17	—	0	3·68	91
Preston	9 9	108	12·6	6·1	9·3	—	24·4	– 7·8	—	—	34·27	87	1·38	12 Dec	181	135	14	5	2	18	11	32	51	96	3	—	—

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1964

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average φ	Highest Maximum and Lowest Minimum: Maximum	Minimum	MEAN EARTH TEMPERATURE 1ft.	4ft.	RAINFALL (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average φφ	Most in a day: Amount	Date	WEATHER Number of days: Precip'n ·01 in. (0·2 mm.) or more	·04 in. (1·0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0°C	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average φ
7a ENGLAND, N. W.—cont.	G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%
Lancashire—cont. Stonyhurst ¶§	9 9	377	12·0	5·5	8·7	–0·3	23·3	– 7·8	–	–	43·87	92	1·89	8, 12 Dec	176	144	–	3	–	–	–	15	55	–	–	3·33	92
Manchester W/Centre	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3·18	–
Helmshore	9 9	854	10·8	5·1	7·9	–	22·8	– 8·3	8·3	–	53·26	88	2·36	18 July	197	157	–	19	–	–	–	31	65	109	–	3·28	–
Burnley	9 9	655	11·4	5·1	8·3	–	23·3	– 8·9	8·6	–	39·27	–	1·88	18 July	188	154	12	7	2	1	8	11	66	–	0	3·16	–
Nelson	9 9	540	11·4	5·4	8·4	–	23·9	– 8·3	8·9	8·9	38·63	87	1·90	18 July	185	130	–	9	–	–	–	28	55	106	–	2·99	– S
Rochdale	9 9	362	12·2	4·8	8·5	–	24·4	– 8·9	–	–	40·98	–	1·81	12 Dec	184	144	8	4	1	0	11	34	70	101	1	–	– S
Cheshire Bidston Obs'y. ¶§	9 9	198	12·3	7·1	9·7	+0·1	24·4	– 3·9	–	–	22·81	79	1·26	24 Mar	161	115	–	–	–	–	–	–	25	–	–	3·92	100
Winnington	9 9	65	13·4	6·4	9·9	–	26·7	– 6·1	–	–	27·21	90	2·19	12 Dec	166	127	15	1	1	4	12	23	42	92	6	–	–
Knutsford	9 9	212	13·1	5·5	9·3	–	26·7	– 8·3	9·8	10·1	29·60	–	2·17	12 Dec	173	132	–	5	–	–	–	20	57	116	–	–	–
Ringway ¶§	21-9	248	12·5	6·3	9·4	0·0	25·0	– 7·3	–	–	28·83	91	2·15	12 Dec	166	121	20	4	4	4	17	18	45	71	0	3·57	103
Macclesfield	9 9	500	12·1	5·6	8·9	–0·1	26·1	– 7·2	–	–	31·20	86	2·35	12 Dec	183	134	21	11	3	1	16	16	43	–	0	–	–
7b NORTH WALES																											
Flint Rhyl	9 9	31	13·1	6·8	10·0	–0·1	25·0	– 7·2	–	–	20·38	77	1·71	12 Dec	160	113	9	0	4	11	2	6	32	40	10	3·80	94
Prestatyn	9 9	12	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Hawarden Bridge	9 9	17	13·5	6·0	9·7	–0·3	26·1	–11·1	–	–	19·36	70	1·38	24 Mar	158	113	14	5	1	7	5	–	51	–	4	–	–
Anglesey Valley	21-9	33	12·9	7·5	10·2	0·0	23·0	– 5·5	–	–	32·74	97	1·09	8 Dec	168	124	10	0	15	1	7	4	22	54	27	4·08	93
Denbigh Colwyn Bay	9 9	118	13·1	7·3	10·2	–0·1	23·9	– 5·0	10·3	–	19·63	67	1·39	12 Dec	143	95	4	0	9	0	3	0	22	–	0	3·78	93
Alwen	9 9	1100	10·8	3·2	7·0	–	22·8	–14·4	–	–	39·60	–	2·51	12 Dec	202	152	–	–	–	–	–	–	103	149	–	–	–
Ruthin	9 9	248	12·8	5·4	9·2	–	24·4	–10·0	–	–	21·17	–	1·59	12 Dec	162	116	–	3	–	–	–	10	55	–	–	3·61	–
Loggerheads	9 9	690	11·8	4·6	8·2	–	23·9	–15·0	8·5	8·4	24·82	–	1·26	12 Dec	170	127	24	10	4	6	5	21	73	94	1	–	–
Bwlchgwyn	9 9	1267	10·1	4·1	7·1	–	21·7	– 8·9	7·7	–	30·54	–	1·48	24 Mar	195	142	13	17	3	0	1	38	88	126	1	–	–
Wrexham	9 9	275	13·3	5·3	9·3	–	26·1	–10·0	9·2	9·4	21·62	–	1·58	18 July	157	113	14	5	0	0	2	27	62	136	0	–	–
Caernarvon Bardsey Island	21-9	61	12·2	8·5	10·3	–	20·5	– 1·5	–	–	29·49	–	1·21	12 Dec	(148)	(112)	–	0	–	–	–	9	5	30	–	–	–
Botwnnog	9 9	112	12·9	6·9	9·9	–	23·9	– 5·6	10·8	10·7	35·07	–	1·41	12 Dec	163	121	12	1	1	4	6	3	27	73	7	4·12	–
Bryn Adda	9 9	275	–	6·7	–	–	24·4	– 5·0	–	–	42·89	–	1·74	10 May	188	145	11	0	–	–	–	–	16	–	–	–	–
Cwm Dyli	9 9	324	12·5	6·3	9·4	–	25·0	– 6·7	9·9	–	114·97	–	4·70	8 Dec	233	189	–	–	–	–	–	4	33	88	–	–	–
Aber	9 9	60	13·3	7·3	10·3	–0·1	23·9	– 9·4	–	–	41·80	100	2·23	18 July	198	138	10	0	–	–	–	2	16	75	–	3·44	91 S
Llandudno ¶§	9 9	13	12·7	7·6	10·1	–0·3	23·9	– 5·6	–	–	23·58	82	1·30	12 Dec	150	115	9	0	9	1	2	1	16	–	4	3·98	95
Merioneth Llyn Stwlan	9 9	1656	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Blaenau Ffestiniog	9 9	750	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Corwen	9 9	473	11·3	4·0	7·7	–	23·3	–13·3	–	–	30·14	–	2·32	12 Dec	179	139	19	8	1	2	2	–	99	–	–	–	– S
Montgomery Ceinws	9 9	200	13·1	5·1	9·1	–	24·4	– 9·4	–	–	78·46	–	6·82	12 Dec	203	164	–	–	–	–	–	–	59	–	–	–	–
Lake Vyrnwy	9 9	995	10·9	4·5	7·7	–	22·2	–10·0	8·5	–	51·95	80	4·76	12 Dec	216	156	28	22	3	1	2	22	75	171	1	–	–
8a SOUTH WALES																											
Cardigan Aberporth	21-9	378	12·2	7·3	9·7	–0·1	23·3	– 5·4	–	–	26·82	65	1·61	12 Dec	166	111	16	1	17	3	7	5	24	68	23	3·92	–
Aberystwyth	9 9	12	13·4	6·3	9·7	–0·5	26·7	– 4·4	–	–	(24·18)	–	2·00	12 Dec	159	131	–	1	–	–	–	3	32	–	–	–	–
" P.B.S.*	9 9	452	12·4	6·1	9·3	–0·3	24·4	– 7·2	–	–	34·06	82	1·80	12 Dec	184	138	8	2	4	1	3	32	38	96	2	3·68	92
Gogerddan	9 9	103	13·2	6·0	9·6	–	25·6	– 7·2	–	–	30·69	76	2·26	12 Dec	181	126	–	1	–	–	–	5	55	–	–	3·74	–
Swydd ffynnon	9 9	540	12·5	5·3	8·8	–	23·9	– 8·3	–	–	(43·26)	–	2·38	12 Dec	(186)	(139)	–	5	–	–	–	–	61	131	–	–	–
Trawscoed	9 9	200	13·3	5·7	9·5	–	24·4	– 8·3	8·8	–	37·83	80	2·50	12 Dec	175	126	(7)	0	0	0	0	12	56	100	0	3·42	–
Llety-evan-hen	9 9	950	11·1	5·7	8·4	–	22·8	– 7·8	–	–	48·89	–	3·06	12 Dec	189	162	14	3	10	0	6	29	45	103	3	3·24	90
Cwmystwyth	9 9	989	11·3	4·7	8·0	–	22·2	–11·1	–	–	60·79	–	4·80	12 Dec	189	161	–	–	–	–	–	–	76	–	–	–	– S
Pembroke Dale Fort	9 9	109	12·9	8·0	10·5	–	24·4	– 3·9	11·0	–	25·36	–	·77	11 Oct	151	114	6	1	7	0	9	6	10	45	17	4·47	–
Brawdy	9 9	360	12·0	6·4	9·2	–	22·2	– 7·2	–	–	37·64	–	1·27	12 Dec	163	123	10	3	1	4	5	16	36	62	12	3·75	–
Haverfordwest	9 9	131	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Carmarthen Carmarthen	9 9	50	13·5	5·6	9·5	–	25·0	– 7·2	10·9	10·8	38·94	–	1·46	12 Dec	188	135	8	–	3	1	3	7	64	100	6	4·07	–
Radnor Llandrindod Wells ¶§	9 9	772	12·4	4·8	8·6	–0·1	25·0	–13·9	9·1	–	31·58	78	1·75	12 Dec	183	135	13	10	0	1	1	18	79	–	0	2·93	83
Brecknock Llwynon	9 9	860	11·8	4·7	8·3	–	23·9	–12·2	–	–	54·86	–	3·07	12 Dec	200	153	8	3	0	1	0	13	74	–	0	–	– S
Glamorgan Mumbles Head	21-9	117	–	–	–	–	24·2	– 4·0	–	–	–	–	–	–	–	–	5	0	3	0	6	3	16	45	39	–	–
Swansea	9 9	27	13·5	7·7	10·6	–0·3	25·6	– 3·9	11·5	12·2	33·87	79	1·15	12 Dec	175	119	5	0	1	0	2	3	18	–	2	–	–
Port Talbot	9 9	24	14·1	7·5	10·8	–	25·6	– 6·1	–	–	33·56	–	1·43	13 Oct	160	120	7	–	4	0	2	3	32	64	–	3·26	– S
Neath	9 9	202	13·3	7·2	10·3	–	24·4	– 7·8	–	–	36·82	–	1·53	14 July	171	126	5	2	1	2	4	7	20	74	6	–	–
Rhoose	21-9	220	12·8	6·5	9·7	–	25·0	– 7·9	–	–	27·99	77	1·32	9 Oct	145	109	15	4	10	0	5	16	40	68	6	3·95	–
Cardiff ¶§	9 9	202	13·5	6·4	9·9	–0·3	25·6	– 8·3	10·9	11·0	(33·70)	(80)	1·10	18 Mar	163	116	8	–	–	–	–	–	30	–	–	3·99	94
Monmouth Tredegar	9 9	1028	11·5	4·9	8·2	–	23·9	– 8·9	–	–	(48·44)	–	2·03	12 Dec	(178)	(153)	26	14	3	2	0	84	79	124	11	3·21	– S
Newport	9 9	75	13·4	6·3	9·9	–0·3	26·1	– 8·9	–	–	32·47	81	1·13	13 Nov	163	108	(11)	3	0	0	4	13	39	96	1	3·79	–
Usk	9 9	70	13·5	5·1	9·3	–	25·6	–12·2	9·9	–	29·09	73	1·15	12 Dec	150	109	11	6	0	0	1	–	63	111	0	3·44	–
Crumbland Plantation	9 9	804	11·9	5·4	8·7	–	24·4	– 7·8	9·4	9·6	27·67	–	1·31	12 Dec	168	116	16	19	1	0	1	55	64	105	7	3·65	–
8b ENGLAND, S.W.																											
Somerset Hawkridge	9 9	1030	11·1	–	–	–	23·9	–10·0	–	–	(47·52)	–	1·85	12 Dec	(196)	(146)	–	–	–	–	–	–	57	–	–	3·74	–
Cannington	9 9	95	14·0	6·8	10·4	–	27·2	– 9·4	10·9	–	21·33	71	1·00	9 Oct	140	98	–	–	–	–	–	–	30	–	–	4·20	96
Weston-s.-Mare	9 9	28	13·7	7·4	10·5	–0·1	25·6	– 6·1	–	–	25·49	79	1·29	9 Oct	125	93	10	4	0	3	6	25	25	–	2	4·13	96
Long Ashton ¶§	9 9	162	13·5	6·2	9·9	–0·2	26·7	– 7·8	10·9	–	24·92	69	96	12 Dec	147	100	16	4	4	0	6	12	38	125	0	4·03	98
Wincanton	9 9	375	13·4	5·7	9·5	–	27·8	–11·1	–	–	24·99	–	·87	23 May	153	113	13	4	1	0	11	44	59	122	3	–	–
Bath City Boys' School	9 9	388	13·2	6·2	9·7	–	27·2	– 7·2	10·7	–	21·87	–	·83	31 May	135	97	14	6	0	5	3	30	54	–	3	3·60	–
Dorset Lyme Regis	9 9	200	13·5	6·6	10·1	–	25·0	– 6·1	–	–	26·84	–	1·20	26 Dec	153	101	14	3	2	1	7	8	30	59	13	4·18	– S
Portland Bill	21-9	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Weymouth	9 9	16	14·0	7·7	10·7	–0·3	26·1	– 5·0	–	–	21·83	73	1·34	18 Mar	126	98	–	0	–	–	–	5	20	–	–	4·73	98
Winfrith	9 9	85	13·6	5·8	9·7	–	25·6	– 9·4	–	–	25·28	–	1·39	18 Mar	137	98	–	1	–	–	–	16	53	–	–	–	–
Shaftesbury	9 9	680	12·3	5·8	9·1	–0·2	26·7	– 8·3	–	–	(24·14)	73	1·03	31 May	(143)	(108)	–	5	–	–	–	27	–	–	–	–	–
Swanage	9 9	37	13·8	7·5	10·7	–	27·2	– 5·6	–	11·8	23·50	–	1·21	9 Oct	130	89	6	–	2	0	6	17	23	35	18	4·57	94
Poole	9 9	18	14·0	6·3	10·1	–	25·6	– 7·8	–	–	24·12	–	1·05	18 Mar	134	89	5	4	0	1	7	13	36	–	1	4·29	91
Devon Clawton	9 9	412	13·5	3·4	8·5	–	25·6	– 9·4	–	–	33·95	–	1·11	14 July	194	140	–	–	–	–	–	–	88	–	6	–	–
Hartland Point	21-9	298	12·1	8·3	10·2	–	22·6	– 3·1	–	–	25·35	–	1·30	14 July	163	122	7	1	5	1	2	7	9	23	55	4·63	104
Mount Batten	21-9	87	13·2	7·8	10·5	–0·3	24·6	– 5·7	–	–	33·31	88	1·28	18 Mar	154	109	9	2	2	9	10	8	21	62	7	4·25	93
Plymouth, The Hoe	9 9	119	13·6	7·8	10·7	–0·3	23·9	– 5·0	11·4	11·7	30·81	82	1·31	16 Mar	152	109	4	1	2	0	2	13	20	81	9	4·12	90
Tavistock	9 9	457	–	6·3	–	–	–	– 7·8	–	–	40·98	–	1·89	14 July	189	136	13	–	6	2	7	3	45	122	7	–	–
Chivenor	21-9	20	13·9	7·4	10·7	–	25·4	– 5·4	–	–	22·60	–	·84	9 Oct	148	104	10	1	4	9	6	7	34	–	9	4·21	–
Ilfracombe	9 9	25	13·1	8·7	10·9	–0·2	25·0	– 2·2	11·8	12·1	31·13	81	1·31	14 July	153	123	3	0	0	1	4	0	6	–	6	–	–
Totnes	9 9	120	14·1	6·1	10·1	–	26·7	– 8·3	11·4	11·2	35·58	76	1·48	18 Mar	170	111	10	2	0	6	8	7	46	101	4	4·07	–
Slapton	9 9	104	13·6	7·5	10·5	–	25·0	– 4·4	–	–	33·99	–	1·63	18 Mar	164	116	–	–	–	–	–	11	16	–	–	–	–
Newton Abbot	9 9	272	13·6	6·4	10·0	–0·4	25·6	– 7·2	–	–	29·61	75	1·30	18 Mar	142	99	6	3	2	1	0	7	35	–	0	4·39	100
Paignton	9 9	8	–	–	–	–	–	–	–	–	(28·46)	(74)	1·44	9 Oct	165	116	8	1	2	0	2	2	–	–	5	4·45	(98)
Torquay	9 9	26	14·0	7·9	10·9	0·0	25·0	– 4·4	–	12·0	26·36	75	1·51	9 Oct	137	96	8	1	0	0	1	6	14	39	8	4·55	95
Teignmouth ¶§	9 9	20	13·7	7·9	10·8	–0·3	24·4	– 5·0	–	–	25·13	76	1·20	18 Mar	136	95	6	–	–	–	–	4	20	–	–	4·42	95
Starcross	9 9	29	13·7	6·9	10·3	–	25·0	– 6·7	11·1	–	23·59	70	1·18	18 Mar	139	92	–	1	–	–	–	–	–	52	–	4·34	–
Exeter, Southam	9 9	160	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Exmouth	9 9	195	13·3	7·0	10·1	–0·1	25·0	– 5·6	–	–	20·57	62	1·14	18 Mar	132	87	10	–	1	0	4	9	27	–	2	4·20	92
Exeter	21-9	106	13·9	6·8	10·3	–	26·6	– 8·2	–	–	22·60	68	1·08	9 Oct	146	91	13	3	0	3	5	16	38	90	4	3·65	–
Sidmouth	9 9	25	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Cornwall St. Mary's, Scilly	21-9	158	13·7	9·7	11·7	+0·2	23·3	– 1·2	–	–	28·13	86	·78	9 Oct	182	129	4	0	1	3	3	13	3	–	35	4·52	94
Penzance	9 9	62	13·9	8·3	11·1	–0·4	22·8	– 3·3	–	–	37·26	90	1·41	14 July	195	150	3	–	9	1	3	3	16	–	13	4·44	94
Gulval	9 9	50	13·7	8·4	11·1	–0·1	24·4	– 2·8	–	–	35·11	89	1·33	14 July	188	135	–	–	–	–	–	4	9	42	–	4·23	92
Culdrose	9 9	268	13·0	7·5	10·3	–	22·8	– 5·0	–	–	28·49	–	1·08	14 July	154	114	9	0	6	8	4	18	25	–	6	4·45	–
Rosewarne	9 9	250	13·1	8·0	10·5	–	22·8	– 5·6	11·0	11·2	32·07	84	1·24	14 July	189	132	–	1	–	–	–	4	17	66	–	4·31	–
Lizard	9 9	240	13·2	8·3	10·7	–0·4	23·5	– 3·3	–	–	27·29	83	·87	14 July	183	121	5	–	1	0	2	–	9	–	31	4·66	–
Falmouth ¶§	9 9	167	13·3	7·9	10·6	–0·5	23·9	– 4·4	–	–	36·56	84	1·10	16 Mar 14 July	161	119	2	0	0	0	4	4	16	–	3	4·01	87
Newquay	9 9	176	13·3	8·1	10·7	0·0	23·3	– 3·9	–	–	25·55	75	1·02	14 July	161	110	3	–	8	0	1	–	16	–	8	4·30	95
St. Mawgan	21-9	337	12·9	7·7	10·3	–	22·9	– 4·5	–	–	29·10	–	1·02	14 July	178	124	8	0	11	8	5	10	22	45	5	4·33	–
St. Austell	9 9	310	13·4	7·7	10·6	–	24·4	– 3·3	–	–	39·44	82	1·70	16 Mar	171	135	4	3	3	0	4	13	13	–	1	–	–
Fowey	9 9	51	14·0	7·9	11·0	–0·1	25·0	– 3·3	–	–	30·98	–	1·13	14 July	155	114	5	2	2	1	1	3	20	–	0	–	–
Bude	9 9	50	13·4	7·0	10·2	–0·4	23·9	– 6·1	9·5	–	25·51	75	·99	14 July	173	121	–	2	–	–	–	–	36	–	–	4·05	91
Ellbridge	9 9	190	–	6·6	–	–	26·1	– 6·7	–	–	36·52	89	1·75	14 July	191	130	3	2	11	0	0	8	33	85	7	4·09	90

* Plant Breeding Station † Air Frost - Screen Min. below 0° C. φφ φ † ¶§. S See Notes on Tables in the Introduction. φφ Average period 1916-1950 φ Average period 1931 - 60

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1964

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS: Means of A Max.	Means of B Min.	Mean Temperature Mean of A and B	Difference from Average ϕ	Highest Maximum and Lowest Minimum: Maximum	Minimum	MEAN EARTH TEMPERATURE 1ft.	4ft.	RAINFALL (Terminal hour 9 G.M.T.): Total Fall	Percentage of Average ϕϕ	Most in a day: Amount	Date	Precip'n: ·01 in. (0·2 mm.) or more	·04 in. (1·0 mm.) or more	WEATHER Number of days: Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0°C	Gale	BRIGHT SUNSHINE: Daily Mean	Percentage of Average ϕ
		G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.													hr.	%
9 NORTHERN IRELAND																												
Londonderry	Loughermore Forest	9 9	570	11·7	4·7	8·2	—	21·7	— 6·1	—	—	41·16	—	1·47	6 Oct	238	189	11	6	0	0	0	2	45	115	0	—	—
	Ballykelly ¶§	21-9	6	12·7	6·4	9·5	+0·1	22·5	— 5·3	—	—	30·31	82	1·02	6 Oct	205	160	14	2	17	1	6	3	39	86	8	3·28	89
	Derrynoyd Forest	9 9	290	12·4	5·3	8·9	—	22·8	— 4·4	—	—	44·22	—	·96	9 Oct	221	180	13	4	2	1	0	8	40	114	0	—	—
	Somerset Forest	9 9	140	12·4	5·5	8·9	—	22·8	— 3·9	—	—	35·08	—	·95	7 Aug	216	167	11	3	4	0	0	10	31	105	0	—	—
	Garvagh Forest	9 9	290	12·2	5·1	8·7	—	23·3	— 3·9	—	—	39·66	—	·85	6 Oct	224	172	16	6	7	0	4	7	44	128	2	—	—
	Moneydig ¶	21-9	112	12·5	5·6	9·1	+0·2	24·2	— 5·2	10·3	—	36·78	87	1·81	7 Aug	222	172	22	4	13	10	6	13	41	106	4	—	—
Antrim	Portrush	—	17	—	—	—	—	—	—	—	—	31·42	—	1·19	26 Aug	200	148	—	—	—	—	—	—	—	—	—	3·26	—
	Lisnafillan	9 9	124	12·5	5·1	8·8	—	22·8	— 5·6	—	—	34·78	—	1·05	5 Oct	210	161	15	3	1	2	3	26	47	99	0	3·33	—
	Aldergrove ¶§	21-9	225	12·3	5·8	9·1	0·0	24·2	— 5·6	9·7	9·8	30·63	—	1·17	19 Mar	204	148	23	4	10	1	6	5	38	81	4	3·11	88
	Greenmount	9 9	105	12·5	5·7	9·1	—	23·3	— 5·0	9·8	—	29·57	—	1·20	9 Oct	203	146	—	—	—	—	—	—	43	100	—	—	—
	Black Mountain	21-9	969	10·3	4·8	7·5	—	21·2	— 4·5	—	—	40·62	—	1·29	17 Aug	213	174	19	4	1	5	4	87	41	—	13	—	—
	Ballypatrick Forest	9 9	500	11·2	5·4	8·3	—	21·1	— 3·9	—	—	43·48	—	1·51	5 Oct	222	174	23	9	11	1	3	18	29	68	17	—	—
	Larne	9 9	140	12·7	6·1	9·4	—	22·8	— 2·8	—	—	37·51	—	1·03	13 Mar	208	161	10	3	4	2	8	4	15	—	1	—	—
	Kilroot	9 9	71	12·4	6·4	9·4	—	22·2	— 2·8	—	—	30·87	—	1·76	9 Oct	165	143	—	—	—	—	—	23	14	64	—	—	—
Down	Newry Abbey	9 9	32	13·0	5·9	9·5	—	23·3	— 6·1	—	—	35·61	—	1·28	6 Oct	178	144	7	1	0	0	4	23	45	—	2	—	—
	Hillsborough §	9 9	379	11·9	5·7	8·8	0·0	22·2	— 3·9	9·3	—	29·28	83	·91	17 Aug	167	141	13	5	0	0	6	5	30	104	2	3·09	87
	Kilkeel	21-9	58	12·2	6·9	9·5	—	23·2	— 2·0	—	—	30·10	—	1·62	17 Aug	197	133	6	0	1	0	0	5	10	53	14	3·63	—
	Tollymore Park	9 9	249	12·6	6·3	9·5	—	23·9	— 2·2	—	—	46·66	—	2·80	17 Aug	181	144	7	1	3	0	2	7	19	89	0	—	—
	Stormont Castle	9 9	185	12·6	6·0	9·3	—	23·3	— 2·8	9·9	9·8	29·76	—	1·07	17 Aug	194	135	12	4	4	4	6	36	21	103	—	3·16	—
	Crossgar	9 9	119	12·7	6·1	9·4	—	23·9	— 4·4	—	—	30·01	—	1·42	17 Aug	199	124	9	2	1	1	2	17	27	96	10	—	—
	Creighton's Green	9 9	391	—	—	—	—	—	—	—	—	32·68	—	1·48	17 Aug	196	140	—	—	—	—	—	—	—	—	—	—	—
	Helen's Bay	9 9	140	12·4	6·7	9·5	—	23·9	— 1·7	—	—	29·95	—	1·11	17 Aug	197	137	13	3	1	10	5	10	8	81	5	—	—
	Bangor	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Killough	21-9	50	11·9	6·9	9·4	—	22·5	— 2·5	—	—	31·43	—	1·30	17 Aug	175	130	8	1	1	0	4	7	9	26	36	—	—
	Ballyhalbert	9 9	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3·62	—
Armagh	Armagh ¶§	9 9	202	12·9	5·9	9·4	0·0	24·4	— 4·4	10·4	10·5	30·80	93	1·53	7 Aug	202	151	14	7	2	1	3	10	35	83	12	3·12	90
	Loughgall	9 9	82	12·8	5·3	9·1	—	23·3	— 4·4	—	—	26·87	—	·83	6 Oct	197	143	13	4	0	2	5	11	58	152	8	3·18	—
	Glenanne	21-9	438	11·9	6·1	9·0	—	22·5	— 4·5	—	—	34·08	—	1·50	17 Aug	213	146	10	4	0	0	1	22	21	85	6	—	—
	Bessbrook	9 9	250	—	—	—	—	—	—	—	—	35·55	89	1·16	10 Oct	208	142	—	—	—	—	—	—	—	—	—	3·15	86
Tyrone	Lough Bradan	9 9	554	11·5	3·8	7·7	—	21·7	— 6·1	—	—	56·27	—	1·50	16 Aug	270	199	—	—	—	—	—	3	65	117	—	2·77	—
	Baronscourt Forest	9 9	290	12·5	5·3	8·9	—	22·8	— 6·7	—	—	42·25	—	1·71	6 Oct	223	182	13	4	2	0	3	4	46	106	0	—	—
	Carrigans	21-9	371	12·1	5·7	8·9	—	22·3	— 4·3	—	—	43·78	—	1·35	26 Aug	240	192	16	5	13	1	6	9	35	87	7	—	—
	Lislap Forest	9 9	685	11·6	4·5	8·1	—	21·1	— 5·0	9·4	—	47·15	91	1·27	26 Aug	245	192	14	6	3	2	2	2	57	112	0	—	—
	Knockmany Forest	9 9	239	12·3	4·9	8·6	—	22·8	— 7·2	—	—	39·91	—	1·38	9 Oct	221	175	12	3	2	0	3	8	60	109	0	—	—
	Pomeroy Forest	9 9	540	11·8	5·1	8·5	—	22·8	— 3·3	9·5	—	40·55	—	1·19	23 Mar	233	179	21	8	1	0	4	12	47	128	0	—	—
	Cookstown	9 9	253	12·1	5·3	8·7	—	22·2	— 4·4	9·6	—	34·78	—	·89	16 Aug	226	165	—	—	—	—	—	—	39	107	—	—	—
Fermanagh	Roscor	9 9	470	12·1	5·5	8·8	—	22·2	— 3·3	—	—	49·58	103	1·81	12 June	246	192	—	—	—	—	—	3	37	112	0	—	—
	Lough Navar Forest	9 9	485	11·9	5·5	8·7	—	22·8	— 4·4	—	—	55·50	—	1·48	12 June	238	194	16	4	6	1	2	7	36	113	4	—	—
	Ely Lodge	21-9	210	12·5	6·1	9·3	—	22·5	— 3·7	10·0	9·9	42·13	—	1·35	12 June	236	183	5	2	1	5	7	10	29	81	0	2·80	—
	Castle Archdale Forest ¶§	9 9	215	12·3	5·5	8·9	—0·4	22·2	— 5·6	9·8	—	44·16	—	1·26	12 June	242	185	7	4	2	0	0	7	40	96	1	3·00	85
	Pubble Forest	9 9	290	12·2	5·0	8·6	—	22·2	— 7·2	—	—	42·35	—	1·25	6 Oct	232	175	10	3	0	0	0	9	52	95	0	—	—
CHANNEL ISLES																												
Guernsey	States Airport	21-9	340	13·0	8·6	10·8	—0·4	26·2	— 2·0	11·7	11·8	32·25	95	1·09	3 Nov	165	113	14	—	0	12	12	19	8	36	6	4·71	—
Alderney	States Airport	9 9	288	—	8·3	—	—	25·0	— 2·2	11·3	—	30·16	—	1·04	30 May	148	112	8	5	2	2	6	24	7	—	11	4·69	—
Jersey	Jersey Airport	9 9	273	13·3	8·1	10·7	—	28·0	— 2·6	—	—	31·36	96	1·54	7 Oct	155	107	17	—	12	0	15	17	16	58	14	4·90	—
	St. Helier	9 9	28	14·1	8·9	11·5	—0·5	29·4	— 2·8	—	—	31·11	103	1·42	10 Oct	142	107	7	—	0	0	4	6	10	—	5	5·04	—
	Gorey Castle	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5·10	—

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS DURING THE YEAR 1964

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE: At Mean Sea Level	Difference from Average	MEAN TEMPERATURE AND HUMIDITY: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	CLOUD-AMOUNT (OKTAS): Mean Amount	NO. OF OBSERVATIONS: 0	1 2	3 to 5	6 7	8	9	VISIBILITY: NUMBER OF OBSERVATIONS: 0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,380 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	WIND, NUMBER OF OBSERVATIONS: FORCE (0-12) Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	DIRECTION: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																						
0 SCOTLAND, N.																																															
Zetland	Lerwick Observatory H	3	273	1011·6	—	6·5	0·7	8·8	89	6·4	6	42	44	84	168	22	1	17	3	1	4	9	69	85	112	65	8	59	130	146	23	34	23	16	27	69	73	60	41
		9	273	1011·8	+2·1	7·4	1·0	9·0	86	6·5	0	29	55	130	139	13	1	7	5	8	0	19	60	98	98	70	11	61	149	129	16	33	29	16	30	72	57	80	33
		15	273	1011·8	—	8·1	1·3	9·1	83	6·5	0	19	58	167	112	10	0	7	3	4	7	11	47	86	113	88	8	59	172	122	5	26	24	21	24	95	54	68	49
		21	273	1012·1	—	6·7	0·8	8·8	87	6·1	5	47	41	122	140	11	0	9	1	7	7	10	70	92	111	59	6	55	144	139	22	46	15	21	28	67	65	59	43
Orkney	Kirkwall H	3	86	1012·2	—	6·9	0·7	9·1	90	6·0	14	53	40	102	150	7	0	1	4	4	5	5	55	77	154	61	5	39	149	144	29	18	13	19	40	82	62	71	32
		9	86	1012·5	—	8·0	1·0	9·5	86	6·3	1	38	42	161	120	4	0	0	4	0	1	7	57	61	141	95	7	53	159	137	10	29	13	30	36	82	49	80	37
		15	86	1012·5	—	9·0	1·4	9·5	81	6·2	1	37	58	150	117	3	0	0	1	2	5	4	42	58	134	120	3	62	172	124	5	36	23	26	48	75	34	90	29
		21	86	1012·7	—	7·4	0·8	9·3	88	5·9	4	56	52	118	130	6	0	1	2	4	1	9	48	70	147	84	4	35	164	142	21	19	14	29	53	74	45	83	28
Caithness	Wick H	3	121	1012·4	—	6·6	0·8	8·8	88	5·5	13	66	53	118	109	7	0	6	1	2	6	7	59	54	154	77	0	25	148	167	26	16	15	18	46	92	58	64	31
		9	121	1012·7	+2·4	8·0	1·1	9·3	84	6·2	3	40	41	183	91	8	0	0	4	5	1	14	46	69	112	115	3	38	164	148	13	22	21	17	48	93	33	89	30
		15	121	1012·5	—	9·2	1·6	9·4	79	6·2	3	39	41	188	87	8	0	1	4	4	3	11	51	78	101	113	2	43	172	146	3	25	20	27	68	74	36	69	44
		21	121	1012·9	—	7·3	0·9	9·0	87	5·7	5	59	62	134	99	7	0	3	2	3	6	8	53	69	140	82	1	21	147	174	23	10	21	19	55	84	54	64	36
Sutherland	Cape Wrath	3	371	1011·0	—	7·7	1·0	9·1	85	6·1	13	43	45	96	140	29	0	25	2	2	1	3	25	35	48	225	19	62	110	149	26	16	19	40	34	41	103	61	26
		9	371	1011·2	—	8·1	1·2	9·2	83	6·5	3	20	50	133	135	25	0	20	1	5	1	4	34	42	47	212	15	69	107	152	23	14	18	54	24	39	111	55	28
		15	371	1011·3	—	8·7	1·3	9·5	83	6·5	4	14	58	146	120	24	1	16	2	4	1	3	34	37	70	198	19	71	119	132	25	18	24	51	24	31	110	56	27
		21	371	1011·4	—	8·0	1·1	9·2	84	6·3	3	32	65	96	149	21	2	15	0	4	0	7	36	33	59	210	15	70	117	143	21	16	23	52	30	35	103	56	30
Ross & Cromarty	Stornoway H	3	16	1012·3	—	7·2	0·6	9·6	91	5·1	42	61	46	96	121	0	0	0	0	1	0	3	58	114	144	46	4	30	138	154	40	20	29	22	27	88	69	43	28
		9	16	1012·6	+2·6	8·5	1·0	9·9	87	6·0	3	50	51	159	102	1	0	0	0	2	2	3	46	97	135	81	4	29	173	134	26	19	34	18	44	89	54	51	31
		15	16	1012·5	—	9·8	1·5	10·0	81	6·2	5	31	61	173	95	1	0	0	0	1	1	4	42	81	133	104	5	40	180	136	5	25	47	19	40	95	54	56	25
		21	16	1012·7	—	7·8	0·7	9·7	90	5·3	28	63	52	97	125	1	0	0	0	1	1	5	63	106	123	67	3	28	137	169	29	27	31	26	30	82	67	47	27
Inverness	Benbecula H	3	21	1012·3	—	8·0	0·8	9·8	89	5·6	18	58	56	96	136	2	0	0	2	1	3	14	59	85	127	75	7	71	166	114	8	29	35	29	52	85	49	56	23
		9	21	1012·5	—	9·1	1·1	10·1	86	6·1	2	40	49	178	96	1	0	0	1	4	5	6	47	114	95	94	11	71	181	96	7	31	28	26	52	79	56	56	31
		15	21	1012·5	—	10·1	1·4	10·3	82	6·0	3	37	60	172	94	0	0	0	0	0	3	8	40	109	95	111	10	91	178	84	3	30	21	22	44	88	54	65	39
		21	21	1012·7	—	8·5	0·9	9·9	87	5·6	10	63	57	121	114	1	0	0	1	1	4	7	41	119	106	87	12	68	171	100	15	39	24	25	50	74	56	51	32
1 SCOTLAND, E.																																															
Moray	Kinloss H	3	19	1013·2	—	3·8	1·0	8·8	86	5·6	21	54	51	117	120	3	0	3	2	1	5	9	49	59	117	121	1	16	126	200	23	9	17	38	18	61	141	51	8
		9	19	1013·5	—	8·4	1·5	9·2	81	6·1	2	39	51	203	71	0	0	0	0	1	1	7	46	54	97	160	3	41	128	183	11	21	19	37	26	35	120	77	20
		15	19	1013·1	—	10·7	2·3	9·6	73	6·1	2	37	50	210	67	0	0	0	0	0	0	7	38	64	98	159	2	43	182	136	3	40	31	38	25	43	66	101	19
		21	19	1013·7	—	7·8	1·2	9·2	84	5·7	14	57	50	138	105	2	0	0	1	3	4	6	57	73	100	122	1	18	138	188	21	15	14	60	29	35	121	53	18
Aberdeen	Dyce H	3	193	1013·7	—	6·2	0·9	8·6	87	5·6	32	50	40	97	127	20	0	8	13	11	12	30	73	76	79	64	0	11	87	168	100	17	10	14	32	53	51	52	37
		9	193	1014·0	+2·5	8·0	1·5	8·9	80	5·9	2	47	61	157	92	7	0	1	4	7	11	33	78	74	66	92	1	19	158	134	54	28	9	13	35	72	38	67	50
		15	193	1013·6	—	10·1	2·3	9·2	73	6·1	2	36	54	171	99	4	0	0	2	5	9	30	75	82	76	87	1	23	184	134	24	23	11	41	47	83	38	51	48
		21	193	1014·2	—	7·1	1·1	8·8	84	5·5	22	55	54	104	119	12	0	2	3	12	15	48	106	61	65	54	1	11	99	177	78	23	4	21	39	63	44	49	45
	Rattray Head	3	108	1013·3	—	6·9	1·0	8·8	86	5·5	8	37	94	158	49	20	0	10	2	8	1	3	66	259	17	0	7	33	153	156	17	29	8	26	24	128	38	84	12
		9	108	1013·5	—	8·0	1·3	9·2	82	5·7	2	27	101	188	27	21	0	9	4	9	2	2	54	172	114	0	5	39	179	137	6	34	4	28	40	106	29	95	24
		15	108	1013·4	—	9·4	1·7	9·5	79	5·5	1	25	128	167	31	14	0	5	4	5	0	7	45	158	142	0	6	50	181	120	9	53	4	39	40	101	14	77	29
		21	108	1013·7	—	7·7	1·1	9·1	85	5·4	6	42	102	160	38	18	1	7	5	6	1	5	54	235	52	0	5	36	158	156	11	38	8	34	32	126	24	72	21
Fife	Leuchars H	3	38	1013·8	—	6·5	0·7	9·0	89	5·4	37	55	48	89	123	14	0	6	6	13	14	19	72	80	115	41	0	22	95	200	49	17	20	29	20	10	93	115	13
		9	38	1014·2	+2·2	8·3	1·3	9·3	83	5·9	2	53	54	162	91	4	0	1	2	6	20	22	57	62	91	105	2	23	138	172	31	16	23	38	21	15	80	120	22
		15	38	1013·7	—	10·6	2·1	9·8	75	6·1	1	43	54	173	94	1	0	0	1	3	14	13	62	65	105	103	2	35	166	148	15	14	21	75	32	14	71	107	17
		21	38	1014·2	—	7·7	1·0	9·3	85	5·5	20	62	49	108	117	10	0	2	4	9	12	28	82	71	87	71	1	15	110	201	39	17	29	42	30	8	86	104	11
Midlothian	Turnhouse H	3	144	1014·6	—	6·6	0·8	9·0	88	5·5	31	55	40	109	118	13	1	8	3	14	15	25	87	95	100	18	1	10	119	152	84	13	25	40	5	17	115	61	6
		9	144	1015·0	—	8·3	1·5	9·2	81	6·0	9	36	58	179	80	4	0	3	4	5	16	46	72	88	89	43	0	25	139	146	56	12	36	42	10	17	105	80	8
		15	144	1014·4	—	10·8	2·4	9·5	72	5·1	1	34	68	171	90	2	2	0	0	2	14	38	63	103	80	64	0	37	158	147	24	11	64	42	8	25	99	82	11
		21	144	1014·9	—	7·9	1·2	9·3	84	5·3	27	65	44	128	98	4	1	3	4	4	14	42	115	113	48	22	2	12	119	175	58	8	43	48	6	25	109	63	6

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DURING THE YEAR 1964

District, County	Place	Hour of Observation (G.M.T.)	Height of Barometer above Mean Sea Level (ft.)	Mean Pressure: At Mean Sea Level (mb.)	Mean Pressure: Difference from Average (mb)	Dry Bulb (°C)	Depression of Wet Bulb (°C)	Vapour Pressure (mb.)	Relative Humidity (%)	Cloud: Mean Amount	Cloud obs.: 0	Cloud obs.: 1–2	Cloud obs.: 3 to 5	Cloud obs.: 6–7	Cloud obs.: 8	Cloud obs.: 9	Visibility: 0-44 yd.	Visibility: 45-210 yd.	Visibility: 220-430 yd.	Visibility: 440-1,090 yd.	Visibility: 1,100-2,190 yd.	Visibility: 2,200-4,390 yd.	Visibility: 3-6 mi.	Visibility: 7-12 mi.	Visibility: 13-24 mi.	Visibility: 25 mi. or over	Wind force: 8 or more (34 or more kt)	Wind force: 6, 7 (22 to 33 kt)	Wind force: 4, 5 (11 to 21 kt)	Wind force: 1 to 3 (1 to 10 kt)	Wind force: Calm (0)	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
6a SCOTLAND, W.																																							
Argyll	Tiree H	3	34	1013·0	—	8·5	0·8	1·1	88	5·6	20	55	52	104	135	0	0	0	0	1	6	19	76	100	96	68	6	76	154	99	31	37	23	26	51	62	54	56	26
		9	34	1013·3	+2·2	9·5	1·1	10·4	85	5·9	1	58	55	141	110	1	0	0	1	2	5	13	81	100	80	84	6	74	176	90	20	37	15	29	66	64	53	59	23
		15	34	1013·2	—	10·4	1·5	10·5	81	5·8	2	59	47	155	102	1	0	0	0	2	1	9	83	96	70	105	9	64	200	84	9	51	9	24	55	60	60	60	38
		21	34	1013·4	—	8·9	1·0	10·1	86	5·5	15	71	54	99	125	2	0	0	0	3	5	12	83	91	93	79	8	72	155	99	32	45	20	27	59	53	57	45	28
	Rhuvaal H	3	63	—	—	8·7	1·1	9·9	85	5·5	1	63	98	99	104	1	0	0	0	1	0	1	24	38	182	120	18	42	137	168	1	33	4	32	46	88	70	53	39
		9	63	—	—	9·5	1·3	10·1	83	6·0	0	28	97	139	100	2	1	0	2	1	1	0	28	46	155	132	16	40	147	161	2	23	13	38	43	93	49	58	47
		15	63	—	—	10·4	1·6	10·3	80	6·0	0	27	96	145	97	1	0	0	0	1	1	0	36	40	158	130	9	51	144	161	1	30	11	25	47	69	38	90	55
		21	63	—	—	9·2	1·2	10·1	84	5·6	1	60	91	99	110	5	0	0	3	2	0	1	26	43	151	140	11	47	141	165	2	45	14	33	40	75	43	70	44
Renfrew	Renfrew H	3	29	1014·4	—	7·3	0·8	9·5	89	5·8	29	40	48	104	136	9	2	4	8	2	16	25	76	133	77	23	0	5	96	159	106	6	38	43	4	28	73	62	6
		9	29	1014·8	+2·3	8·6	1·2	9·7	84	6·2	10	30	51	162	107	6	1	7	0	10	36	45	138	69	30	30	0	8	118	160	80	6	37	46	13	33	67	76	8
		15	29	1014·3	—	11·1	2·3	10·0	74	6·4	4	21	50	171	117	3	2	1	2	7	20	35	160	58	35	46	0	9	172	141	44	12	28	55	13	41	77	79	17
		21	29	1014·7	—	8·8	1·2	9·8	84	5·8	26	35	52	120	130	3	2	1	1	9	26	55	154	83	30	5	0	7	97	195	67	10	28	62	10	25	82	76	6
Lanark	Lowther Hill H	3	—	—	—	3·4	0·2	7·9	97	7·0	0	33	36	16	26	255	40	180	34	4	0	3	12	30	45	18	24	81	171	81	9	18	28	43	36	42	59	81	50
		9	—	—	—	3·9	0·3	8·0	96	7·1	1	17	37	52	40	219	36	143	32	15	2	3	28	34	44	29	23	87	166	84	6	18	18	47	42	41	67	67	60
		15	—	—	—	5·4	0·7	8·3	90	7·1	1	11	33	95	67	159	27	105	23	5	1	4	35	45	61	60	27	90	177	65	7	12	21	36	33	51	70	71	65
		21	—	—	—	3·9	0·3	8·0	96	7·0	1	19	43	47	47	209	46	137	25	5	0	5	29	28	47	44	22	95	165	80	4	22	14	50	41	44	63	54	74
Ayr	Prestwick Airport H	3	69	1014·3	—	7·3	0·7	9·5	89	5·7	29	42	45	112	137	1	0	0	0	1	3	5	83	154	114	6	0	8	116	208	34	16	34	73	40	60	50	42	17
		9	69	1014·6	—	8·8	1·2	9·9	83	6·1	4	38	51	179	94	0	0	0	0	0	5	25	77	130	97	32	0	8	150	193	15	16	36	65	47	51	70	54	12
		15	69	1014·2	—	11·0	2·1	10·2	75	6·2	3	24	70	168	101	0	0	0	0	0	3	15	78	103	102	65	0	10	179	171	6	11	38	39	30	59	78	88	17
		21	69	1014·5	—	8·5	1·0	9·9	86	5·8	24	37	50	139	116	0	0	0	0	0	0	15	94	138	103	16	0	8	121	207	30	12	30	76	28	59	58	53	20
Dumfries	Eskdalemuir Observatory H	3	778	1015·5	—	5·4	0·5	8·6	91	5·9	42	35	32	65	185	7	0	5	10	11	22	24	111	104	75	4	0	5	54	221	86	40	35	20	10	57	60	44	14
		9	778	1015·7	+2·9	7·0	1·1	9·0	85	6·5	8	21	48	138	145	6	0	5	2	4	14	12	78	100	123	28	0	6	65	235	60	34	41	24	19	54	68	54	12
		15	778	1015·0	—	9·5	1·9	9·4	77	6·7	5	16	33	174	137	1	0	1	2	8	3	13	66	81	141	51	0	12	90	244	20	18	36	38	21	66	80	76	11
		21	778	1015·7	—	6·5	0·8	9·1	89	5·8	40	37	34	83	167	5	0	4	5	6	8	15	112	106	94	16	0	9	43	226	88	26	37	21	9	59	53	54	19
Wigtown	Mull of Galloway H	3	260	1015·0	—	8·3	0·7	10·1	90	5·4	36	58	46	87	129	10	0	9	1	3	0	10	74	96	153	20	21	78	156	102	9	50	11	42	27	48	81	69	29
		9	260	1015·4	—	9·0	0·9	10·3	87	6·1	3	36	71	128	112	16	0	14	1	1	2	9	57	77	181	24	15	72	173	93	13	33	16	45	36	43	79	65	36
		15	260	1015·2	—	10·3	1·5	10·5	82	6·1	3	21	79	160	91	12	0	11	2	1	2	6	59	81	174	30	19	83	160	100	4	39	11	34	33	53	92	63	37
		21	260	1015·3	—	8·9	0·9	10·2	87	5·7	20	47	60	107	122	10	2	5	2	1	2	6	68	101	158	21	18	68	165	104	11	54	10	39	23	52	81	54	42
6b ISLE OF MAN																																							
Isle of Man	Ronaldsway H	3	68	1015·2	—	8·5	0·9	10·1	88	5·4	28	59	49	99	130	1	0	0	1	2	8	24	70	88	81	92	8	51	163	122	22	45	37	39	31	28	72	69	23
		9	68	1015·7	—	9·6	1·2	10·4	84	6·1	3	40	46	184	91	2	0	0	2	3	6	22	57	116	82	78	7	67	168	114	10	25	36	48	42	37	62	80	26
		15	68	1015·4	—	11·0	1·8	10·6	79	5·9	5	53	49	156	101	2	0	0	1	1	2	28	61	102	66	105	7	60	191	104	4	23	24	60	34	46	97	59	19
		21	68	1015·6	—	9·2	1·1	10·3	85	5·5	19	61	60	91	131	4	0	1	2	3	3	18	72	106	80	81	10	59	129	145	23	42	39	36	39	31	62	69	25
	Point of Ayre H	3	30	1014·7	—	8·7	0·9	10·2	88	5·1	35	44	78	154	55	0	0	0	0	0	3	2	44	102	204	11	1	51	168	131	15	26	36	25	53	56	70	64	21
		9	30	1015·2	—	9·7	1·2	10·5	85	5·8	4	35	85	178	64	0	0	0	0	2	8	3	47	72	207	27	4	52	194	107	9	20	38	33	62	45	67	70	22
		15	30	1015·0	—	11·5	1·9	10·8	77	5·7	10	23	99	163	71	0	0	0	0	1	3	3	40	83	207	29	4	46	188	123	5	17	35	40	55	46	56	94	18
		21	30	1015·0	—	9·5	1·1	10·5	86	5·3	24	37	93	149	62	1	0	0	1	2	0	2	45	85	202	29	5	48	178	121	14	19	40	32	43	57	70	71	20
2 ENGLAND, N.E.																																							
Northumberland	Acklington H	3	151	1014·9	—	6·8	0·7	9·3	90	5·5	36	51	52	83	133	11	1	7	5	9	12	37	51	72	105	67	2	12	110	210	32	31	21	12	23	49	87	86	25
		9	151	1015·2	—	8·7	1·3	9·7	83	5·9	4	47	58	148	103	6	0	4	3	1	12	45	62	79	94	66	0	25	150	175	16	39	25	21	23	53	88	74	27
		15	151	1014·8	—	10·6	2·0	10·1	76	6·1	2	32	73	159	98	2	0	1	2	4	13	35	55	86	86	84	1	36	155	168	6	39	41	33	54	45	67	68	13
		21	151	1015·3	—	7·8	0·9	9·7	88	5·6	20	53	62	98	124	9	0	5	5	7	20	47	66	97	84	35	0	13	114	203	36	31	19	12	38	56	78	75	21
	Tynemouth H	3	130	1015·3	—	7·9	1·0	9·5	85	5·5	48	27	52	106	124	9	4	4	0	5	10	17	71	159	96	0	3	20	161	157	25	32	16	17	21	72	36	131	16
		9	130	1015·7	+2·6	8·7	1·5	9·4	81	6·0	8	29	85	109	124	11	2	6	2	5	44	44	101	110	52	0	3	28	179	139	17	36	22	17	23	67	32	125	27
		15	130	—	—	—	—	—	—	6·1	7	19	91	131	107	11	1	5	2	9	27	47	82	108	83	2	2	40	186	128	10	44	19	44	51	55	24	115	4
		21	130	1015·7	—	9·1	1·4	9·7	81	5·5	34	38	71	88	125	10	3	6	0	5	25	31	100	153	43	0	1	27	157	164	17	38	14	22	27	72	43	121	12
Durham	Middleton St. George H	3	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	118	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yorks., N. Riding	Dishforth H	3	131	1015·9	—	6·8	0·7	9·3	90	5·3	46	53	39	86	122	20	3	20	3	17	28	32	98	62	62	41	0	7	84	217	58	64	22	16	34	46	43	53	30
		9	131	1016·3	—	8·7	1·3	9·8	83	6·0	8	51	42	155	94	16	1	16	8	5	32	27	83	66	65	63	0	9	134	201	22	72	26	23	38	52	35	68	30
		15	131	1015·7	—	11·7	2·5	10·3	73	6·1	4	38	54	177	86	7	2	4	5	5	15	28	81	68	70	88	0	17	169	168	12	47	23	35	46	45	36	96	26
		21	131	1016·3	—	8·4	1·1	9·9	86	5·4	26	66	43	102	118	11	0	8	6	10	29	38	87	80	70	38	0	5	94	241	26	54	19	24	39	50	46	80	28
	Whitby Coastguard H	3	210	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	210	1015·7	—	8·7	1·4	9·6	82	5·9	7	38	63	141	109	8	2	6	2	2	9	28	93	155	66	3	8	48	145	156	9	28	21	32	25	101	57	53	40
		15	210	1015·4	—	10·7	2·1	9·9	75	5·9	7	34	82	142	91	10	3	3	2	2	8	19	94	145	88	2	5	43	158	148	12	23	29	62	28	68	40	65	39
		21	210	1015·9	—	8·7	1·3	9·7	83	5·3	30	52	72	90	115	7	1	1	0	5	6	27	140	165	21	0	4	32	127	191	12	20	24	27	34	118	58	47	26
Yorks., E. Riding	Leconfield H	3	28	1016·2	—	7·0	0·7	9·3	89	5·0	47	70	44	60	126	19	3	15	9	7	23	41	99	106	51	12	0	10	90	206	60	30	23	19	12	44	61	88	29
		9	28	1016·6	—	9·1	1·5	9·9	81	5·9	8	49	48	154	95	12	0	15	4	10	21	30	90	106	53	37	0	12	158	160	36	31	36	22	17	42	61	87	34
		15	28	1016·1	—	11·7	2·7	9·9	71	5·9	10	38	72	145	99	2	0	1	3	7	15	25	81	104	77	53	0	19	193	143	11	31	40	42	33	42	53	91	23
		21	28	1016·7	—	8·3	1·1	9·7	85	5·1	37	61	63	89	107	9	0	11	5	9	23	38	114	99	43	24	0	6	103	215	42	28	33	21	26	41	66	84	25
	Spurn Head H	3	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Lincoln	Waddington H	3	227	1016·7	—	6·9	0·7	9·4	90	5·3	52	47	39	70	132	26	3	21	8	17	22	46	124	88	33	4	0	5	99	248	14	38	34	33	18	43	104	53	29
		9	227	1017·0	—	8·8	1·3	9·9	84	5·8	18	41	50	130	111	16	3	14	5	18	22	39	105	89	66	5	0	9	146	208	3	33	38	32	24	40	87	70	39
		15	227	1016·4	—	11·7	2·7	10·0	71	5·7	18	41	60	148	92	7	1	5	2	14	14	32	65	108	100	25	0	11	181	171	3	39	38	46	21	37	68	81	33
		21	227	1017·1	—	8·4	1·2	9·8	85	5·1	43	55	58	87	113	10	4	8	6	7	32	42	101	123	38	5	0	5	108	245	8	38	36	45	23	41	88	59	28
	Binbrook H	3	356	1016·3	—	6·8	0·7	9·3	90	5·3	45	50	50	69	132	20	1	17	7	14	22	57	121	73	46	8	0	8	150	188	20	35	23	26	20	75	78	68	21
		9	356	1016·7	—	8·5	1·3	9·6	83	5·9	18	35	52	142	102	17	1	16	8	9	20	43	122	102	37	8	0	10	196	150	10	25	38	31	19	63	73	72	35
		15	356	1016·1	—	11·0	2·5	9·7	73	6·0	16	30	59	151	104	6	0	4	5	6	14	28	100	132	64	13	0	16	209	135	6	29	34	52	26	46	60	87	26
		21	356	1016·7	—	8·1	1·2	9·5	85	5·4	41	50	42	106	118	9	0	6	6	14	17	52	134	102	34	1	0	9	145	192	20	27	21	45	29	64	73	72	15
	Manby H	3	47	1016·4	—	7·0	0·6	9·6	91	5·3	43	52	42	88	123	18	2	19	5	8	28	54	157	83	10	0	0	7	97	222	40	30	21	28	22	52	56	77	40
		9	47	1016·8	—	9·3	1·4	10·2	84	5·8	13	51	44	140	102	16	0	12	2	11	25	33	117	125	31	10	0	10	146	192	18	29	23	42	21	54	57	71	51
		15	47	1016·3	—	11·7	2·4	10·5	74	5·9	11	39	62	143	107	4	1	2	0	8	19	28	91	150	60	7	0	13	176	169	8	29	39	49	31	51	46	79	34
		21	47	1016·9	—	8·1	0·9	10·0	88	5·1	51	50	52	92	116	5	1	6	8	9	20	47	147	111	16	1	0	9	96	221	40	24	19	39	31	59	53	60	41
3 ENGLAND, E.																																							
Norfolk	Marham H	3	89	1016·9	—	7·0	0·6	9·5	91	5·2	69	39	37	66	135	20	2	14	6	15	26	58	172	62	10	1	0	9	99	220	38	36	24	37	34	84	51	34	28
		9	89	1017·3	—	9·3	1·4	10·3	83	6·0	22	34	42	149	103	16	1	14	1	9	25	33	138	110	33	2	0	12	155	175	24	35	30	35	27	76	55	48	36
		15	89	1016·8	—	12·3	2·8	10·4	71	5·9	17	38	52	152	99	8	0	6	1	7	17	17	103	144	62	9	0	25	183	145	13	48	31	36	24	61	66	59	28
		21	89	1017·3	—	8·6	1·2	10·0	85	5·2	62	40	40	85	126	13	1	11	2	13	17	36	155	109	21	1	0	6	104	227	29	34	33	53	34	64	56	38	25
	West Raynham H	3	263	1016·6	—	6·7	0·5	9·4	92	5·1	56	48	47	72	125	18	1	14	8	19	25	53	128	98	19	1	0	14	143	191	18	18	43	36	29	40	92	67	23
		9	263	1016·9	—	9·0	1·3	10·2	85	5·7	25	42	50	135	103	11	0	14	4	13	22	31	92	111	62	17	0	18	192	147	9	24	44	35	22	50	77	78	27
		15	263	1016·3	—	11·5	2·5	10·1	73	5·8	17	45	60	139	98	7	1	6	0	9	10	29	59	138	90	24	0	28	205	125	8	39	40	35	26	45	69	78	26
		21	263	1017·0	—	8·1	1·0	9·8	87	5·0	53	55	45	93	105	15	0	14	4	6	27	52	92	129	36	6	0	13	132	201	20	18	49	41	35	49	70	59	25
	Coltishall H	3	57	1016·5	—	7·3	0·7	9·6	90	5·1	59	48	54	59	128	18	0	9	9	12	31	66	117	113	9	0	0	6	87	204	69	21	34	38	17	47	74	53	13
		9	57	1016·9	—	9·7	1·2	10·3	82	5·8	26	35	56	127	113	9	0	8	2	15	25	42	95	126	48	5	0	8	160	177	21	27	43	35	21	54	76	63	26
		15	57	1016·4	—	11·9	2·6	10·3	72	5·8	16	36	59	147	104	4	0	1	4	8	11	38	69	147	79	9	0	6	195	155	10	32	44	50	25	36	77	60	32
		21	57	1016·9	—	8·7	1·2	10·0	85	5·2	53	48	46	78	124	17	0	8	9	15	19	53	100	139	23	0	0	4	97	221	44	20	41	48	23	50	70	47	23
	Gorleston H	3	26	1016·9	—	8·5	0·8	10·3	89	4·9	82	41	38	64	130	11	0	4	6	7	8	24	181	136	0	0	1	25	116	219	5	17	36	32	29	56	72	83	36
		9	26	1017·3	+2·4	9·5	1·3	10·5	85	5·6	27	35	69	120	103	12	3	6	4	3	20	22	204	104	0	0	0	33	168	159	6	29	37	36	32	51	54	88	33
		15	26	1016·9	—	10·8	1·7	10·7	80	5·7	22	35	67	141	91	10	1	2	3	8	10	26	184	132	0	0	0	29	204	130	3	41	50	35	50	56	35	65	31
		21	26	1017·2	—	9·5	1·2	10·6	85	4·8	79	43	45	69	118	12	0	9	2	2	15	20	168	150	0	0	0	26	134	200	6	24	42	38	29	71	68	56	32
Suffolk	Mildenhall H	3	39	1016·8	—	7·1	0·7	9·6	90	5·4	63	33	36	72	144	18	1	15	9	11	31	54	138	91	16	0	0	2	44	289	31	26	27	35	25	43	100	50	29
		9	39	1017·2	—	9·6	1·5	10·3	82	6·0	31	36	38	118	132	11	0	11	3	9	27	50	90	118	53	5	0	5	80	259	22	27	31	41	17	41	80	72	35
		15	39	1016·5	—	12·8	3·1	10·3	69	5·8	20	34	68	125	112	7	1	6	2	5	8	38	56	144	98	8	0	3	111	237	15	31	25	46	23	39	69	78	40
		21	39	1017·2	—	9·0	1·3	10·1	84	5·1	61	45	38	89	125	8	1	10	5	5	20	47	104	145	29	0	0	0	50	296	20	26	43	42	28	43	83	54	27
	Wattisham H	3	299	1017·0	—	6·7	0·4	9·7	95	5·0	70	41	42	71	130	12	0	15	9	10	31	78	133	81	9	0	1	4	94	260	7	35	46	32	23	42	89	50	42
		9	299	1017·4	—	8·9	1·1	10·4	86	5·8	21	42	51	120	112	20	0	19	5	14	17	47	109	92	56	7	0	8	143	210	5	40	45	27	25	40	76	68	40
		15	299	1016·7	—	11·6	2·4	10·5	75	5·7	15	44	59	152	87	9	4	4	2	6	11	42	81	118	82	16	0	10	188	164	4	35	45	34	28	51	58	72	39
		21	299	1017·4	—	8·2	0·9	10·2	89	5·0	55	56	45	84	111	15	2	12	3	12	18	52	142	97	28	0	0	4	87	266	9	31	57	35	13	65	73	49	34
	Aldeburgh H	3	35	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	35	1017·9	—	9·8	1·5	10·4	83	5·7	30	29	68	80	149	10	0	4	6	4	9	26	186	131	0	0	0	20	108	238	0	35	46	33	17	76	49	70	40
		15	35	1017·5	—	11·2	2·0	10·6	77	5·7	32	24	80	87	134	9	1	4	5	3	5	25	152	170	1	0	0	14	138	214	0	27	60	35	20	92	38	54	40
		21	35	1017·6	—	9·5	1·3	10·5	84	4·7	86	37	50	41	144	8	0	5	3	4	9	16	162	167	0	0	1	17	98	250	0	35	41	41	17	77	64	61	30
Huntingdon	Wyton H	3	141	1016·9	—	7·2	0·8	9·5	89	5·2	59	42	41	70	139	15	2	17	9	15	16	65	134	95	13	0	0	3	107	228	28	44	32	23	20	36	99	54	30
		9	141	1017·3	—	9·2	1·5	10·0	82	5·9	25	32	40	139	116	14	1	11	7	16	29	69	94	93	38	8	0	7	155	178	26	45	35	26	19	39	87	62	27
		15	141	1016·6	—	12·5	3·0	10·1	68	5·9	19	36	56	161	87	7	2	6	5	5	6	52	83	108	80	19	0	5	187	158	16	41	34	36	17	31	80	79	32
		21	141	1017·3	—	9·1	1·4	10·0	82	5·1	59	48	38	85	125	11	5	9	5	10	15	63	125	104	30	0	0	4	106	232	24	32	42	36	16	44	96	47	29
Bedford	Cardington H	3	96	1017·0	—	6·8	0·6	9·5	92	5·5	58	36	32	76	149	15	0	16	7	11	33	48	163	83	5	0	0	6	79	246	35	39	32	26	18	48	105	53	10
		9	96	1017·4	—	9·4	1·4	10·2	83	5·9	23	34	46	133	121	9	0	12	7	12	26	37	121	110	41	0	0	5	116	216	29	47	39	21	20	41	92	63	14
		15	96	1016·7	—	12·8	3·1	10·3	69	5·9	17	29	57	163	89	11	1	7	4	2	11	17	94	151	77	2	0	6	151	190	19	46	35	32	17	42	84	77	14
		21	96	1017·4	—	8·7	1·1	10·0	85	5·1	51	54	48	88	116	9	2	11	3	2	18	34	139	138	19	0	0	3	91	249	23	38	43	32	14	48	103	50	15
Hertford	Bovingdon H	3	517	1017·4	—	6·8	0·6	9·5	91	5·4	56	40	34	66	156	14	0	20	7	14	29	56	129	96	15	0	0	1	79	232	54	48	38	23	13	43	56	56	35
		9	517	1017·7	—	8·7	1·3	9·9	83	5·9	20	44	40	129	130	3	1	11	9	20	24	46	98	106	46	5	0	0	115	223	28	45	37	29	23	48	44	66	46
		15	517	1016·9	—	11·8	2·8	9·9	69	5·8	19	40	55	146	106	0	0	5	4	4	12	29	96	112	69	35	0	3	156	191	16	50	27	30	24	43	55	83	38
		21	517	1017·9	—	8·4	1·2	9·8	84	5·1	52	57	34	83	135	5	2	12	3	9	20	42	124	111	42	1	0	1	67	250	48	42	40	27	19	47	42	70	31

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DURING THE YEAR 1964

District, County	Place	Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud-Amount (Oktas): Mean Amount	No. of Obs.: 0	1–2	3–5	6–7	8	9	Visibility: 0–44 yd.	45–210 yd.	220–430 yd.	440–1,090 yd.	1,100–2,190 yd.	2,200–4,390 yd.	3–6 mi.	7–12 mi.	13–24 mi.	25 mi. or over	Wind Force: 8 or more (34 or more knots)	6, 7 (22 to 33 knots)	4, 5 (11 to 21 knots)	1 to 3 (1 to 10 knots)	Calm (0)	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																														
Essex	Stansted H	3	334	1017·2	—	6·9	0·5	9·6	92	5·2	70	31	38	70	142	15	0	21	10	12	23	69	126	79	25	1	0	3	69	249	45	36	32	30	28	33	75	54	33
		9	334	1017·5	—	9·0	1·3	10·1	85	5·8	19	47	50	127	108	15	0	11	9	13	23	54	93	60	73	30	0	2	132	205	27	42	31	31	24	41	70	65	35
		15	334	1016·8	—	12·0	2·9	10·0	70	5·6	19	46	65	134	94	8	2	6	2	7	5	31	71	73	83	86	0	2	169	179	16	34	36	42	15	40	63	88	32
		21	334	1017·6	—	8·6	1·2	10·0	85	5·0	55	53	53	77	116	12	1	12	5	4	22	52	115	86	63	6	0	1	72	256	37	35	43	35	29	37	72	56	22
	Shoeburyness H	9	17	1017·8	+2·1	10·1	1·4	10·9	83	5·8	25	33	57	114	128	9	1	7	5	15	23	66	152	76	17	4	0	14	121	217	14	40	27	37	29	44	58	83	34
		15	17	1017·1	—	12·3	2·3	11·1	74	5·6	23	49	58	125	107	4	3	3	2	12	14	51	127	101	43	10	0	14	155	186	11	29	43	61	21	37	65	72	27
		21	17	1017·8	—	9·7	1·1	10·8	85	4·9	63	46	60	74	115	8	1	9	3	3	19	51	150	99	24	7	0	9	104	243	10	33	34	47	20	50	79	61	32
	Walton-on-Naze H	3	21	1017·1	—	8·4	0·8	10·2	89	4·7	83	41	54	42	129	17	3	10	5	4	16	32	222	69	5	0	0	20	97	240	9	32	24	36	30	26	47	86	76
		9	21	1017·5	—	9·8	1·4	10·5	83	5·7	26	32	71	100	127	10	1	8	2	17	18	41	220	59	0	0	0	24	146	190	6	23	30	47	28	34	56	68	74
		15	21	1017·0	—	11·5	2·1	10·8	77	5·5	30	36	79	113	99	9	0	6	1	12	16	45	216	68	2	0	1	18	166	175	6	22	27	60	34	58	53	54	52
		21	21	1017·4	—	9·7	1·3	10·6	84	4·9	49	67	54	50	132	14	1	8	4	6	14	27	188	108	10	0	0	21	118	219	8	20	34	58	24	30	74	75	43
4 MIDLAND COUNTIES																																							
Yorks, W.R.	Huddersfield Oakes H	3	769	1015·8	—	6·0	0·8	8·5	87	5·6	37	23	90	37	176	3	3	17	10	23	21	67	152	28	39	6	6	9	104	212	35	20	42	30	21	45	62	77	34
		9	769	1016·1	—	8·1	1·2	9·5	84	6·0	16	29	69	106	143	3	3	10	10	18	22	79	140	37	38	9	0	14	101	230	21	26	49	30	19	52	65	89	15
		15	769	1015·5	—	10·4	2·3	9·5	92	6·0	7	28	79	128	121	3	3	6	5	6	11	46	133	44	91	21	1	12	129	198	26	25	37	27	26	52	64	93	16
		21	769	1016·3	—	7·5	1·0	9·3	86	5·3	47	37	64	61	157	0	2	3	7	11	22	55	136	54	66	10	2	7	105	189	63	22	30	25	20	52	39	93	22
Nottingham	Watnall H	3	390	1016·5	—	6·6	0·6	9·5	93	5·4	56	31	45	79	142	13	5	9	5	34	50	45	137	76	5	0	0	3	62	246	55	22	31	45	6	15	63	94	35
		9	390	1016·9	—	8·6	1·1	10·0	85	6·0	18	32	47	119	134	16	5	15	11	23	50	53	110	74	23	2	0	3	92	240	31	21	46	37	16	22	64	95	34
		15	390	1016·1	—	11·7	2·5	10·2	73	5·9	17	26	72	148	99	4	1	2	5	14	24	44	88	91	88	9	0	0	132	211	23	19	29	54	16	25	52	108	40
		21	390	1016·9	—	8·2	1·0	9·8	87	5·2	49	41	66	80	122	8	3	10	3	28	53	48	144	71	6	0	0	1	58	260	47	22	28	55	16	21	49	91	37
	Finningley H	3	46	1016·3	—	7·2	0·8	9·4	88	5·2	67	32	45	81	125	16	4	15	9	21	25	65	117	75	31	4	0	9	102	201	54	53	15	30	17	59	46	62	30
		9	46	1016·7	—	9·3	1·5	9·9	81	5·9	20	39	55	129	108	15	2	12	5	21	26	39	113	110	32	6	0	20	158	159	29	57	28	21	20	56	50	62	43
		15	46	1016·0	—	12·4	3·0	10·0	69	5·9	12	37	64	154	94	5	2	3	1	6	19	26	88	144	63	14	0	33	186	127	20	38	30	35	27	41	51	84	40
		21	46	1016·7	—	8·9	1·3	9·9	83	5·3	44	44	53	107	110	8	5	2	2	14	31	52	161	83	16	0	1	8	115	205	37	37	23	36	25	47	59	68	34
Northampton	Wittering H	3	219	1016·8	—	6·8	0·6	9·4	90	5·2	55	44	44	73	131	19	0	17	7	17	19	62	111	90	38	5	0	7	105	235	19	47	27	26	22	47	66	85	27
		9	219	1017·2	—	9·0	1·4	9·9	83	5·9	18	38	48	133	113	16	0	14	6	10	37	34	73	96	71	25	1	12	147	189	17	43	40	20	21	47	65	74	39
		15	219	1016·5	—	12·3	2·9	10·0	69	5·8	11	42	65	146	98	4	0	4	1	2	19	22	64	108	105	41	0	7	191	158	10	43	38	34	19	44	67	80	31
		21	219	1017·2	—	8·6	1·5	9·8	84	5·2	47	51	47	89	121	11	1	9	0	12	12	48	115	91	70	8	0	3	98	243	22	41	39	37	11	47	72	66	31
Warwick	Edgbaston H	9	542	1017·3	—	8·6	1·3	9·6	83	5·7	26	46	48	109	124	13	3	4	7	22	58	48	89	95	39	1	0	1	76	285	4	40	34	36	23	55	74	63	37
		15	542	1016·6	—	11·6	2·9	9·5	69	5·9	16	30	70	133	115	2	0	1	6	7	33	32	98	84	67	38	0	1	119	244	2	29	34	43	23	55	59	77	44
		21	542	1017·3	—	9·2	1·6	9·7	80	5·3	40	47	58	89	125	7	2	3	4	11	35	50	112	108	40	1	0	2	53	306	5	33	38	38	19	50	86	48	49
	Elmdon H	3	362	1016·8	—	6·8	0·7	9·3	90	5·5	41	43	40	102	128	12	1	15	3	13	33	45	106	101	43	6	0	4	69	214	79	32	21	21	18	58	59	45	33
		9	362	1017·1	—	8·7	1·4	9·7	83	6·1	12	34	51	140	115	14	4	8	11	9	35	77	102	95	24	1	0	3	124	210	29	41	31	28	26	53	63	51	44
		15	362	1016·4	—	11·9	3·0	9·7	68	6·1	9	22	64	174	94	3	1	3	2	3	14	62	102	95	73	11	0	5	173	177	11	30	40	34	31	36	73	70	41
		21	362	1017·1	—	8·7	1·4	9·5	82	5·5	38	36	55	126	103	8	1	7	3	13	28	83	136	82	12	1	0	2	83	238	43	19	44	29	18	58	68	47	40
Shropshire	Shawbury H	3	249	1016·6	—	6·7	0·6	9·3	91	5·5	41	30	47	106	132	10	0	15	4	13	30	51	76	77	91	9	0	5	64	242	55	34	15	37	24	55	68	62	16
		9	249	1016·9	—	8·7	1·3	9·9	84	6·1	6	34	61	155	101	9	1	9	2	15	26	34	89	70	80	40	0	8	106	210	42	37	16	38	35	48	62	66	22
		15	249	1016·2	—	11·9	2·7	10·1	70	6·0	18	24	55	181	85	3	0	1	0	8	14	26	73	92	70	82	0	15	176	162	13	47	22	47	28	50	52	81	26
		21	249	1017·0	—	8·3	1·1	9·8	85	5·7	25	37	59	130	111	4	1	5	2	7	25	44	80	80	90	32	0	1	69	266	30	49	24	46	25	53	59	56	24
Worcester	Pershore H	3	117	1017·1	—	7·2	0·7	9·5	89	5·5	54	40	33	80	145	14	4	8	6	17	21	46	114	86	49	15	1	6	77	179	103	19	37	27	14	30	89	41	6
		9	117	1017·5	—	9·3	1·5	10·0	82	6·2	14	42	31	134	131	14	0	17	2	10	37	35	82	88	62	33	0	10	138	156	62	24	32	42	21	33	80	50	22
		15	117	1016·7	—	12·7	3·9	10·0	67	6·1	14	27	53	170	98	4	1	4	1	4	13	32	70	95	71	75	0	21	182	145	18	38	43	36	16	34	70	88	23
		21	117	1017·5	—	9·2	1·4	10·0	82	5·5	41	46	41	97	129	12	1	9	2	8	18	42	98	88	77	23	0	7	106	201	52	28	38	40	18	37	80	56	17
Hereford	Ross-on-Wye H	9	226	1017·1	+1·9	9·2	1·5	9·9	82	6·0	21	41	35	118	142	9	0	14	4	9	24	36	102	43	119	15	0	0	54	276	36	30	37	33	8	43	104	48	27
		15	226	1016·3	—	12·4	2·9	10·1	69	6·0	15	32	60	127	128	4	1	2	2	3	13	15	115	54	133	28	0	0	104	251	11	41	44	41	12	46	71	85	15
		21	226	1017·2	—	9·3	1·4	10·1	83	5·6	31	63	29	85	149	9	0	6	7	3	16	28	129	46	105	26	0	3	37	292	34	20	40	44	15	45	101	49	18
Gloucester	Filton H	3	197	1017·0	—	7·9	0·7	10·1	90	5·4	49	43	41	85	141	7	1	4	4	3	19	48	166	108	12	1	0	4	64	218	80	43	41	19	20	44	68	48	3
		9	197	1017·5	—	9·5	1·3	10·6	85	6·0	19	31	60	127	125	4	0	5	2	20	24	50	109	94	51	11	0	3	100	216	47	49	45	27	23	37	84	45	9
		15	197	1016·7	—	12·4	2·4	10·9	73	5·7	10	44	75	130	106	1	0	1	0	8	17	35	103	82	85	35	0	16	142	198	10	52	36	32	16	39	81	82	18
		21	197	1017·4	—	9·4	1·1	10·6	85	5·2	40	49	67	81	126	3	1	4	1	3	21	57	144	103	26	6	0	6	72	241	47	46	33	29	13	41	95	55	7
	Gloucester H	3	79	1017·4	—	8·1	0·9	9·9	88	5·4	51	35	35	94	137	14	1	6	2	12	36	61	124	73	41	10	0	3	61	236	66	36	39	10	19	76	83	23	14
		9	79	1017·7	—	9·9	1·5	10·3	81	6·2	13	32	36	151	117	17	0	9	3	17	28	63	71	92	47	36	0	3	92	217	54	50	31	14	22	59	88	24	24
		15	79	1017·0	—	13·1	3·1	10·4	68	6·1	16	23	51	176	96	4	1	2	2	6	19	42	71	72	82	69	0	6	133	208	19	40	40	24	23	46	111	30	33
		21	79	1017·7	—	10·0	1·6	10·4	81	5·4	44	37	51	108	118	8	0	5	2	13	40	48	96	81	56	25	0	0	60	250	56	37	39	22	20	54	107	20	11
	Little Rissington H	3	751	1017·2	—	6·8	0·5	9·6	93	5·5	52	46	29	60	136	43	0	28	11	12	18	56	111	90	35	5	0	7	98	242	19	43	49	28	22	33	72	65	35
		9	751	1017·5	—	8·3	1·1	9·9	86	6·0	15	46	39	127	99	40	2	27	9	14	16	50	70	98	51	29	0	11	147	188	20	25	54	37	12	37	69	72	40
		15	751	1016·7	—	11·2	2·4	10·0	73	6·1	12	32	45	161	101	15	1	8	4	4	8	33	72	97	87	52	0	21	163	168	14	35	47	34	17	35	69	83	32
		21	751	1017·6	—	8·3	1·0	9·9	86	5·3	49	55	35	91	121	15	1	7	5	8	14	42	86	121	60	22	0	12	110	232	12	41	57	35	8	38	79	71	25
5 ENGLAND, S.E.																																							
Middlesex	London (Heathrow) Airport H	3	86	1017·2	—	8·0	0·8	10·0	89	5·5	54	35	41	74	149	13	1	10	3	11	20	57	111	111	41	1	0	4	55	272	35	49	39	26	18	49	67	52	31
		9	86	1017·6	—	9·7	1·5	10·2	81	5·8	19	50	47	109	134	7	0	6	3	13	30	61	98	78	61	16	0	5	110	235	16	47	43	26	22	39	67	82	24
		15	86	1016·8	—	13·3	3·4	10·2	66	5·6	14	50	73	123	103	3	0	0	3	6	12	33	103	75	92	42	0	4	170	185	7	38	44	30	11	54	65	79	38
		21	86	1017·6	—	10·1	1·6	10·3	80	5·2	46	52	54	89	120	5	0	4	3	11	16	61	105	104	56	6	0	2	77	270	17	46	46	27	18	48	74	66	24
Surrey	Kew Observatory H	9	34	1017·8	+2·1	10·2	1·8	10·1	78	6·0	16	45	29	133	136	7	0	5	4	19	22	41	105	67	62	41	0	4	99	233	30	33	44	36	12	39	83	63	26
		15	34	1016·9	—	13·2	3·4	10·0	64	5·9	14	30	64	152	105	1	0	0	4	6	14	35	97	57	90	63	0	4	151	202	9	40	33	42	14	41	82	68	37
		21	34	1017·7	—	10·3	1·8	10·2	78	5·3	45	54	32	124	105	6	1	10	3	3	15	40	121	72	86	15	0	0	71	263	32	29	50	36	17	40	85	58	19
	Gatwick H	3	195	1017·5	—	6·8	0·4	9·7	94	5·3	60	44	37	50	156	19	1	21	15	15	25	45	111	112	20	1	0	2	50	244	70	42	35	31	7	30	78	42	31
		9	195	1017·8	—	9·4	1·2	10·6	85	6·0	18	37	50	120	132	9	0	12	4	12	29	44	113	81	56	15	0	3	83	254	26	35	57	36	12	37	69	55	39
		15	195	1017·1	—	12·6	2·7	10·7	71	5·7	13	49	64	131	107	2	0	2	4	2	16	27	101	93	88	33	0	7	155	200	4	37	41	43	14	35	86	66	40
		21	195	1017·7	—	8·5	0·9	10·4	87	4·8	63	56	46	80	113	8	2	8	3	12	17	43	138	111	31	1	0	5	49	270	42	22	54	32	8	36	96	51	25
Kent	Deal H	3	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		9	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	34	1017·6	—	12·0	2·2	11·5	80	5·5	24	44	60	114	117	7	0	2	3	6	20	55	125	128	26	1	1	19	148	188	10	22	43	42	27	48	81	56	37
		21	34	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Manston H	3	148	1017·4	—	8·2	0·8	10·1	89	5·0	72	39	42	69	128	16	1	10	5	11	13	35	114	102	73	2	0	11	125	211	19	22	40	34	30	43	85	53	40
		9	148	1017·8	—	10·0	1·4	10·6	82	5·7	28	43	53	120	110	12	1	12	1	9	23	34	124	101	52	9	1	20	162	171	12	34	29	41	34	43	64	58	51
		15	148	1017·2	—	12·2	2·5	10·7	73	5·4	28	47	74	112	98	7	0	3	2	6	16	27	110	106	89	7	0	24	191	142	9	29	51	47	24	50	68	49	39
		21	148	1017·8	—	9·2	1·1	10·5	85	5·1	43	53	61	81	120	8	0	7	4	6	14	35	113	110	72	5	0	9	153	190	14	24	42	49	31	47	98	37	24
Sussex	Thorney Island H	3	35	1017·5	—	8·3	0·6	10·5	91	5·1	75	40	32	63	150	6	1	2	5	8	14	51	115	119	50	1	0	2	56	256	52	47	43	45	11	16	41	75	36
		9	35	1018·0	—	10·1	1·2	11·0	85	5·8	18	47	51	117	128	5	0	2	3	8	17	49	113	85	58	31	0	6	78	248	34	41	45	40	18	40	41	70	37
		15	35	1017·4	—	12·6	2·2	11·3	75	5·6	19	49	57	141	98	2	0	0	2	6	8	30	103	98	72	47	0	4	137	214	11	36	30	37	22	67	58	79	26
		21	35	1018·1	—	9·5	0·9	11·0	88	4·9	55	56	46	85	120	4	0	1	2	9	20	51	99	115	61	8	0	2	63	259	42	33	48	49	13	12	45	99	25
	East Hoathly H	9	133	1017·9	—	9·7	1·2	10·9	85	5·9	18	40	51	125	123	9	0	5	3	18	36	42	124	72	54	12	0	4	83	242	37	37	27	46	17	41	37	86	38
		15	133	1017·4	—	12·3	2·3	11·1	75	5·7	16	46	56	134	113	1	0	0	0	7	19	34	128	93	76	9	0	8	141	197	20	34	28	47	20	46	71	80	20
		21	133	1018·2	—	8·4	0·7	10·6	90	4·8	61	65	36	84	112	8	0	5	5	14	27	35	157	41	71	11	0	3	45	225	93	26	26	67	21	30	43	54	6
	Eastbourne Coastguard H	9	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		15	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		21	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Berkshire	Abingdon H	3	234	1017·3	—	7·2	0·6	9·7	91	5·3	55	41	46	61	147	16	1	10	5	17	24	60	125	112	12	0	0	1	70	197	98	39	37	25	19	27	52	45	24
		9	234	1017·7	—	9·3	1·4	10·2	83	6·0	15	40	57	111	129	14	1	10	5	21	25	49	79	100	60	16	0	3	115	195	53	33	42	32	23	29	54	73	27
		15	234	1016·9	—	12·9	2·9	10·4	69	6·0	16	21	70	159	96	4	0	4	1	9	6	34	84	102	107	19	0	4	173	172	17	37	39	38	19	50	65	73	28
		21	234	1017·7	—	9·1	1·4	10·2	84	5·1	54	46	58	82	118	8	2	5	4	6	19	58	119	103	47	3	0	2	75	228	61	36	48	27	18	35	59	63	19
Hampshire	Hurn H	3	46	1017·4	—	7·6	0·6	10·0	91	4·9	74	44	37	60	138	13	0	7	4	9	25	43	111	119	48	0	0	4	57	226	79	47	28	27	14	23	59	58	31
		9	46	1017·8	—	10·0	1·4	10·7	83	5·8	16	51	50	118	125	6	0	2	7	6	23	60	99	69	84	16	0	5	109	218	34	50	54	25	20	32	54	64	33
		15	46	1017·2	—	12·8	2·7	10·8	71	5·6	12	48	69	137	99	1	0	0	0	3	10	43	99	82	92	37	0	3	171	187	5	35	39	34	19	71	80	53	30
		21	46	1017·9	—	9·3	1·2	10·6	86	5·1	43	62	49	99	108	5	0	1	5	5	15	48	124	102	60	6	0	3	68	238	57	35	39	30	18	17	59	79	32
	S. Farnborough H	3	231	1017·5	—	7·4	0·6	9·9	91	5·3	63	40	33	58	155	17	0	10	7	12	23	69	111	72	49	13	0	2	68	209	87	25	30	27	24	24	55	78	16
		9	231	1017·9	+2·2	9·5	1·3	10·5	83	5·8	19	54	36	122	123	12	0	8	6	15	24	47	86	46	66	68	0	5	104	218	39	28	41	37	26	27	55	92	21
		15	231	1017·1	—	12·9	2·9	10·6	70	5·7	18	37	68	138	102	3	0	3	2	5	9	32	96	61	74	84	0	10	153	189	14	34	36	34	25	38	65	89	31
		21	231	1017·9	—	9·2	1·2	10·4	85	5·0	56	51	50	77	119	13	2	7	2	9	17	67	117	55	54	36	0	4	70	244	48	30	42	32	27	33	66	72	16
Wiltshire	Lyneham H	3	489	1017·4	—	7·1	5·7	9·7	91	5·7	42	39	36	80	155	14	0	11	4	8	23	64	131	87	31	7	0	4	90	257	15	33	45	27	25	63	84	47	27
		9	489	1017·7	—	8·6	1·1	10·1	86	6·1	14	38	43	137	123	11	0	16	8	7	27	37	82	99	69	21	0	4	145	203	14	38	48	27	20	57	73	66	23
		15	489	1017·0	—	11·7	2·5	10·2	73	6·1	9	31	67	150	105	4	0	6	2	5	7	19	85	80	103	59	0	5	198	159	4	34	54	25	19	45	67	92	26
		21	489	1017·8	—	8·6	1·1	10·1	85	5·3	28	65	46	106	113	8	1	8	1	2	8	53	111	95	73	14	0	4	100	255	7	30	54	29	16	68	86	54	22
	Boscombe Down H	3	419	1017·6	—	7·1	0·6	9·7	91	5·3	55	54	20	78	151	8	0	11	6	15	17	47	140	108	20	2	0	5	82	217	62	30	26	48	23	35	45	52	45
		9	419	1017·9	—	9·3	1·2	10·3	84	5·9	16	51	43	118	131	7	0	8	5	11	22	48	81	84	82	25	0	7	123	197	39	47	28	42	26	38	43	64	39
		15	419	1017·1	—	12·3	2·7	10·2	70	5·8	19	39	59	145	103	1	0	2	0	7	9	19	75	108	95	51	0	8	172	175	11	46	29	42	18	47	48	93	32
		21	419	1018·0	—	8·6	1·1	10·1	86	5·0	55	55	41	106	107	2	0	4	4	5	14	43	103	136	51	6	0	3	85	238	40	32	35	41	20	53	47	74	24
	Upavon H	9	582	1017·5	—	8·8	1·0	10·4	87	5·9	17	43	51	128	109	18	0	19	3	11	13	31	130	71	63	25	0	15	129	190	32	54	32	46	20	41	48	60	33
		15	582	1016·7	—	11·8	2·4	10·6	75	5·9	13	34	66	146	105	2	0	6	2	3	6	22	99	89	83	56	0	21	166	159	20	46	35	41	16	42	42	90	34
		21	582	1017·6	—	8·3	0·8	10·2	89	5·1	61	55	43	85	112	10	0	9	2	6	24	23	103	117	76	6	0	12	86	220	48	37	43	43	21	31	44	67	32
7a ENGLAND, N.W.																																							
Cumberland	Carlisle H	3	92	1015·8	—	7·1	0·8	9·3	88	5·7	35	47	34	101	141	8	1	5	1	4	15	22	134	113	62	9	0	10	70	209	77	13	39	47	31	22	85	44	8
		9	92	1016·1	—	8·6	1·4	9·5	82	6·0	9	38	55	166	98	0	0	2	1	4	6	37	95	123	66	32	0	9	97	205	55	17	36	59	37	22	78	58	4
		15	92	1015·6	—	11·4	2·5	9·8	71	6·1	2	28	68	164	104	0	0	0	0	1	3	31	77	109	79	66	0	12	146	175	33	13	31	45	33	23	95	83	10
		21	92	1016·1	—	8·4	1·2	9·7	84	5·7	23	47	45	128	121	2	0	1	2	2	14	27	120	127	52	21	0	4	75	232	55	16	32	61	21	24	90	63	4

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DURING THE YEAR 1964

District, County and Place		Hour of Observation	Height of Barometer above Mean Sea Level	Mean Pressure: At Mean Sea Level	Mean Pressure: Difference from Average	Mean Temperature and Humidity: Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Cloud-Amount (Oktas): Mean Amount	No. of Observations: 0	1 2	3 to 5	6 7	8	9	Visibility: Number of Observations: 0-44 yd.	45-219 yd.	220-439 yd.	440-1,099 yd.	1,100-2,199 yd.	2,200-4,399 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Wind, Number of Observations: Force (0-12) Beaufort Force: 8 or more	6, 7	4, 5	1 to 3	Calm	Speed in knots: 34 or more	22 to 33	11 to 21	1 to 10	0	Direction: N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
7a ENGLAND, N.W.—cont.		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																				
Lancashire	Squires Gate H	3	35	1015·7	–	7·7	0·7	9·9	90	5·8	30	39	40	119	131	7	1	3	5	17	16	50	88	104	69	13	0	26	143	177	20	25	30	64	49	35	39	73	31
		9	35	1016·2	–	9·3	1·2	10·4	85	6·1	11	36	46	165	106	2	1	2	4	11	20	72	96	102	52	6	0	33	171	150	12	17	24	69	53	47	37	69	38
		15	35	1015·9	–	11·4	1·9	10·9	78	5·8	9	47	61	158	89	2	0	2	0	4	17	57	91	90	69	36	1	29	166	132	8	14	19	42	46	30	39	106	62
		21	35	1016·1	–	8·8	0·9	10·3	88	5·9	21	35	66	118	123	3	2	2	1	9	38	66	113	87	45	1	0	21	162	167	16	15	28	69	40	31	46	83	38
	Speke H	3	85	1016·2	–	8·2	1·0	9·8	86	5·4	35	36	74	94	120	7	3	4	3	7	18	35	96	119	69	12	1	15	99	217	34	27	33	30	63	58	28	63	30
		9	85	1016·5	–	9·5	1·5	9·9	81	6·2	7	26	55	173	98	7	2	5	2	8	30	52	130	77	50	10	0	11	145	184	26	19	22	39	70	55	33	71	31
		15	85	1016·2	–	12·1	2·7	10·1	70	6·0	6	30	66	182	82	0	0	0	1	3	17	31	118	92	70	34	0	22	187	140	17	14	25	32	54	51	36	87	50
		21	85	1016·5	–	9·7	1·5	10·1	80	5·5	24	48	67	123	102	2	2	0	0	7	32	54	130	92	44	5	1	8	130	204	23	27	31	39	50	48	48	65	35
Cheshire	Ringway H	3	251	1016·1	–	7·5	1·1	9·2	85	5·6	42	42	45	81	148	8	1	4	5	9	25	50	135	97	37	3	0	5	63	228	70	15	32	33	24	106	38	37	11
		9	251	1016·5	–	8·9	1·8	9·3	77	5·9	17	36	52	141	113	7	1	6	1	11	19	68	145	93	21	1	0	4	108	206	48	16	30	33	24	94	41	63	17
		15	251	1015·9	–	11·7	3·1	9·0	65	6·0	13	29	75	147	100	2	1	0	0	7	15	52	109	111	59	12	0	9	145	197	15	17	28	37	24	69	51	86	39
		21	251	1016·4	–	9·0	1·7	9·3	78	5·7	29	37	52	110	130	8	2	1	1	6	29	56	155	98	18	0	0	5	81	230	50	9	30	47	31	81	43	50	25
7b NORTH WALES																																													
Anglesey	Valley H	3	36	1015·7	–	8·7	0·7	10·5	90	5·3	46	38	59	87	135	1	0	1	0	2	7	20	83	134	100	19	7	61	139	123	36	24	48	29	23	89	45	53	19
		9	36	1016·2	+2·3	10·0	1·1	10·9	85	6·2	5	31	52	164	110	4	1	0	0	4	9	25	65	110	102	50	3	72	170	105	16	23	44	36	21	95	54	49	28
		15	36	1015·8	–	11·7	1·7	11·3	79	5·8	7	41	69	160	89	0	0	0	0	0	4	13	64	115	97	73	7	64	182	104	9	23	45	15	17	106	66	50	35
		21	36	1016·1	–	9·4	0·9	10·8	89	5·5	31	41	66	114	108	6	0	1	1	4	5	23	74	124	93	41	11	55	141	137	22	28	53	35	13	100	45	52	18
8a SOUTH WALES																																													
Cardigan	Aberporth H	3	382	1016·3	–	8·5	0·9	10·0	87	5·4	47	45	39	85	144	6	0	0	5	2	4	14	108	129	82	22	1	34	140	152	39	14	13	30	41	106	47	52	24
		9	382	1016·7	–	9·5	1·3	10·3	83	5·9	10	47	40	155	110	4	0	2	1	2	7	14	81	133	85	41	1	35	180	134	16	22	21	33	43	97	45	53	36
		15	382	1016·4	–	11·2	1·9	10·6	77	5·8	6	52	57	167	83	1	0	1	1	0	2	9	82	108	94	69	0	39	189	132	6	39	23	25	37	60	55	82	39
		21	382	1016·8	–	9·1	1·1	10·2	85	5·4	32	62	40	111	118	3	0	0	4	1	2	17	94	113	95	40	0	36	137	159	34	17	21	29	39	68	68	46	24
Glamorgan	Mumbles Head H	3	123	–	–	–	–	–	–	5·0	55	55	51	63	139	3	0	1	1	2	6	9	117	181	47	2	11	40	167	140	8	46	51	61	19	17	53	70	41
		9	123	–	–	–	–	–	–	5·7	11	47	75	116	115	2	1	0	1	5	7	30	178	105	38	1	7	54	167	126	12	32	47	68	27	26	56	64	34
		15	123	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	123	–	–	–	–	–	–	5·2	35	66	50	80	134	1	0	0	1	3	6	16	132	132	65	11	13	43	163	135	12	43	35	61	12	16	64	90	33
	Rhoose H	3	225	1017·1	–	7·9	0·6	10·2	91	5·3	58	40	47	63	150	8	0	4	4	5	21	41	89	101	78	23	0	15	114	203	34	26	48	67	21	15	34	67	54
		9	225	1017·5	–	9·5	1·1	10·7	86	5·9	6	53	56	138	105	8	0	3	3	10	15	63	82	97	69	24	0	19	151	179	17	17	42	65	38	28	31	80	48
		15	225	1016·9	–	11·8	2·0	11·1	78	5·8	8	50	54	156	96	2	0	2	0	6	10	33	88	84	77	66	0	35	176	153	2	8	34	57	39	22	26	152	26
		21	225	1017·6	–	9·1	0·9	10·9	88	5·3	40	51	55	72	142	6	0	3	1	6	13	31	100	112	66	34	0	16	126	209	15	29	45	42	28	18	31	94	64
8b ENGLAND, S.W.																																													
Dorset	Portland Bill H	3	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		9	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		15	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
		21	35	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Devon	Hartland Pt. H	3	306	1016·3	–	9·6	0·8	11·0	89	5·2	38	55	64	89	115	5	1	5	3	2	5	8	79	139	65	59	14	68	168	95	21	22	43	48	22	39	46	91	34
		9	306	1016·7	–	10·1	1·0	11·1	87	5·8	10	36	81	140	95	4	0	2	1	4	0	8	96	139	68	48	5	72	165	112	12	17	51	52	22	38	41	90	43
		15	306	1016·3	–	11·2	1·5	11·4	83	5·8	3	47	62	162	89	3	1	1	2	1	2	7	95	130	71	56	12	86	145	110	13	13	61	33	10	22	30	145	39
		21	306	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Mount Batten H	3	100	1017·2	–	9·1	0·6	11·0	92	5·2	57	43	44	70	147	5	0	3	1	4	11	63	154	115	14	1	1	10	103	197	55	37	38	64	17	28	39	53	35
		9	100	1017·5	+1·7	10·3	1·0	11·3	87	5·7	18	48	53	129	117	1	0	2	1	5	18	60	128	94	48	10	1	11	143	167	44	24	32	71	17	44	43	54	37
		15	100	1017·2	–	12·3	1·8	11·7	79	5·9	5	51	54	151	101	4	0	0	1	5	11	43	103	107	66	30	1	21	195	147	2	27	24	59	19	77	68	54	36
		21	100	1017·7	–	10·2	1·0	11·3	88	5·2	50	47	39	100	128	2	0	2	0	1	17	69	152	96	22	7	1	12	113	210	30	33	29	64	21	26	42	74	47
	Chivenor H	3	23	1017·2	–	8·7	0·7	10·5	89	5·5	35	46	54	100	129	2	0	2	4	4	5	18	128	77	83	45	2	14	96	190	64	16	16	105	43	24	23	44	31
		9	23	1017·7	–	10·3	1·3	11·0	84	6·0	7	48	50	144	112	5	0	1	4	3	5	24	81	95	91	62	2	15	146	163	40	19	21	72	53	35	24	64	38
		15	23	1017·2	–	12·8	2·3	11·4	75	5·8	4	55	61	151	95	0	0	0	1	0	2	16	69	102	98	78	0	33	202	118	13	19	26	45	39	30	24	115	55
		21	23	1017·6	–	9·9	1·1	10·9	86	5·5	30	47	54	111	124	0	0	0	2	2	4	22	104	100	89	43	0	14	105	187	60	20	18	77	27	28	28	71	37
	Exeter H	3	125	1017·6	–	8·2	0·6	10·3	91	5·5	33	61	35	87	142	8	1	7	3	11	23	38	102	118	50	13	0	8	94	209	55	36	50	31	38	48	27	44	37
		9	125	1018·0	–	9·9	1·3	10·7	84	5·7	12	59	52	133	106	4	0	2	5	9	15	35	90	93	77	40	1	10	154	166	35	39	49	23	35	51	25	63	46
		15	125	1017·3	–	12·9	2·7	11·1	72	5·9	5	43	55	163	100	0	0	0	0	4	2	29	76	98	74	83	0	30	191	135	10	34	34	24	52	64	33	61	54
		21	125	1018·1	–	9·6	1·1	10·8	86	5·4	36	50	49	97	133	1	0	0	2	4	11	29	97	139	62	22	0	10	88	239	29	29	42	17	45	59	31	56	58
Cornwall	St. Mary's, Scilly H	3	199	1016·8	–	10·7	0·7	11·9	90	5·3	26	49	74	86	116	15	0	3	4	9	3	14	84	93	80	76	1	56	171	122	16	26	22	57	27	58	45	76	39
		9	199	1017·3	+1·8	11·6	1·3	12·1	85	5·8	6	45	74	139	91	11	0	0	4	8	7	19	99	104	73	52	1	54	171	122	18	28	23	60	34	48	50	71	34
		15	199	1017·2	–	12·6	1·6	12·2	81	5·7	3	41	90	137	87	8	0	2	2	4	2	12	103	110	82	49	2	60	191	109	4	30	23	47	40	45	54	95	28
		21	199	1017·6	–	10·9	0·9	11·8	88	5·4	12	58	87	69	124	16	0	3	8	6	2	17	94	97	75	64	1	56	166	130	13	33	21	50	38	53	42	83	33
	St. Mawgan H	3	350	1017·2	–	9·0	0·6	10·9	91	5·4	41	44	59	70	140	12	0	2	6	8	12	36	122	112	59	9	0	39	142	176	9	24	43	56	45	58	41	50	40
		9	350	1017·6	–	10·1	1·0	11·2	87	5·9	9	46	62	130	114	5	0	3	1	6	12	19	114	97	85	29	1	32	184	145	4	35	28	58	46	56	43	58	38
		15	350	1017·3	–	11·8	1·7	11·4	79	5·9	3	48	73	140	99	3	0	1	1	3	5	17	76	110	87	66	0	45	227	93	1	41	31	27	49	46	33	89	49
		21	350	1017·8	–	9·7	0·8	11·1	89	5·5	31	51	59	91	130	4	0	1	3	4	8	32	126	108	59	25	0	27	163	174	2	35	34	52	51	53	41	58	40
9 NORTHERN IRELAND																																													
Londonderry	Ballykelly H	3	6	1013·9	–	7·9	1·0	9·6	87	5·5	32	48	53	127	105	1	0	0	1	1	3	4	54	123	152	28	1	14	90	154	107	16	6	15	44	47	54	64	13
		9	6	1014·2	–	9·4	1·4	10·0	82	6·1	4	20	71	183	87	1	1	2	0	0	1	6	58	91	154	53	0	17	123	147	79	16	10	23	51	44	62	67	14
		15	6	1013·9	–	11·5	2·2	10·3	74	6·2	4	22	61	190	89	0	0	0	0	0	1	3	50	81	134	97	0	16	150	171	29	35	23	21	62	29	50	87	30
		21	6	1014·3	–	8·9	1·2	9·9	84	5·2	25	59	65	137	80	0	0	0	0	0	0	8	52	96	159	51	0	17	82	182	85	21	10	19	54	45	56	56	20
Antrim	Aldergrove H	3	241	1014·9	–	7·5	0·8	9·6	89	5·6	32	40	55	98	137	4	0	3	2	3	4	32	96	13	100	13	0	15	139	169	43	22	17	32	44	81	59	45	23
		9	241	1015·2	–	8·8	1·1	10·0	85	6·4	1	28	47	177	110	3	0	3	0	2	8	36	73	98	93	53	0	15	166	161	24	16	22	34	45	76	67	54	28
		15	241	1014·8	–	11·2	2·1	10·3	76	6·4	3	21	50	183	108	1	0	2	0	1	3	20	65	85	95	95	0	21	197	133	15	24	23	31	55	52	65	73	26
		21	241	1015·2	–	8·7	1·1	9·9	85	5·8	18	44	51	131	122	0	0	3	1	1	3	24	83	95	99	57	0	13	187	189	27	23	17	42	61	67	51	51	27
CHANNEL ISLES																																													
Guernsey	States Airport H	3	360	1017·9	–	9·7	0·9	11·1	88	5·3	50	49	42	84	135	6	0	12	9	11	4	21	87	58	101	63	1	22	156	164	23	28	34	48	32	43	49	64	45
		9	360	1018·3	–	10·5	1·2	11·2	85	5·7	12	44	75	135	99	1	0	4	10	5	9	13	98	63	123	41	1	35	179	135	16	29	41	44	35	48	53	56	44
		15	360	1016·9	–	12·0	2·0	11·1	77	5·1	24	54	82	129	76	1	0	3	4	3	5	12	87	67	122	63	2	21	204	129	10	34	51	37	37	27	45	83	42
		21	360	1018·4	–	10·5	1·1	11·1	86	4·9	46	58	67	102	89	4	0	2	6	4	5	27	88	62	126	56	0	21	168	153	24	23	43	56	27	33	40	74	46

H *See* Notes on Tables in the Introduction

TABLE V [FIRST PUBLISHED 1913]—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1964 AT EACH STATION

*District and Place	Warmest Day: Highest Maximum and date	°C	Warmest Night: Highest Minimum and date	°C	Coldest Day: Lowest Maximum and date	°C	Coldest Night: Lowest Minimum and date	°C
0 SCOTLAND, N.								
Hamnavoe	July 18	18·3	July 15, 19, Sept. 25	11·7	Dec. 25	1·1	Dec. 25, 26	– 2·2
Lerwick Obs'y.	July 15	17·0	July 19, Aug. 9	11·3	Dec. 25	–2·1	Dec. 25	– 4·8
Baltasound	July 18	17·8	July 15, 19	11·7	Dec. 3, 24	1·1	Feb. 5	– 3·9
Sule Skerry	Sept. 3	16·2	Aug. 5	12·3	Dec. 25	1·6	Dec. 25	– 1·5
Stenness	Aug. 5	20·0	Aug. 5	12·8	Dec. 25	0·6	Dec. 26	– 3·9
Kirkwall	Aug. 5	19·0	Aug. 5	12·5	Dec. 25	0·5	Dec. 26	– 3·4
Dounreay	July 15	21·7	Aug. 5	12·8	Dec. 25	(0·6)	Dec. 25	(– 3·9)
Wick	Aug. 4	22·2	Aug. 5	13·5	Dec. 25	0·0	Dec. 26	– 5·5
Cape Wrath	Sept. 1	20·0	Sept. 3, Oct. 5	12·5	Dec. 25	0·9	Dec. 25	– 4·0
Achany	May 29	23·9	Aug. 5	14·4	Dec. 25	–2·2	Dec. 28	–11·1
Strathy	July 14, Aug. 5	21·7	Aug. 5	12·8	Dec. 25	0·6	Feb. 18, 21	– 5·6
Stornoway	July 17	19·8	Aug. 5	13·0	Dec. 25	–0·3	Dec. 25	– 6·3
Balmacara	May 27, 29	23·9	Aug. 5	13·9	Dec. 25	2·2	Feb. 21, Dec. 26	– 3·9
Poolewe	May 28	22·8	Aug. 5	14·4	Dec. 27	2·2	Dec. 26	– 3·3
Inverpolly	May 28, Sept. 1, 2	21·1	Sept. 25	14·4	Dec. 25	1·7	Feb. 21	– 5·6
Achnashellach	July 17	23·9	July 17	13·9	Dec. 26	1·1	Dec. 26	– 7·8
Kinlochewe	July 17	23·3	Aug. 5	(15·0)	Dec. 25	0·6	Feb. 21	– 6·1
Blackbridge	July 17	22·8	Aug. 4	13·3	Feb. 18	11	Feb. 21	– 9·4
Fortrose	July 17	22·2	Aug. 5	15·0	Dec. 25	0·6	Dec. 26	– 3·9
Tarbatness	Aug. 3, 4	22·0	Aug. 5	14·5	Dec. 14, 26	1·5	Feb. 21	– 3·5
0 SCOTLAND, N.-contd								
Benbecula	May 27	21·0	Sept. 14	13·7	Dec. 25	1·4	Feb. 20	– 2·4
Isle of Rhum	May 27	23·3	June 26, Aug. 5	14·4	Dec. 26	2·8	Feb. 19, Dec. 18, 26	– 3·3
Prabost	May 27, 28	22·2	Aug. 5	13·3	Dec. 24, 25	1·7	Feb. 21	– 3·3
Duntulm	May 27	21·7	Aug. 5	12·8	Dec. 25	1·7	Dec. 26	– 2·8
Onich	May 26, 27, 28, Aug. 13	23·3	July 18	14·4	Dec. 25	1·7	Dec. 26	– 6·7
Fort William	May 28	24·4	May 18, July 18, Aug. 5	13·9	Dec. 25	–1·1	Dec. 26	– 9·4
Fort Augustus	Aug. 12	24·4	Aug. 5	15·0	Dec. 25	–2·8	Dec. 26	– 9·4
Cannich	July 17	23·3	Aug. 5	14·4	Jan. 16	–2·8	Dec. 26	–13·9
Inverness	July 17	23·8	Aug. 4, 5	15·0	Dec. 25	0·0	Jan. 17	– 7·8
Coire Cas Shieling	May 29	20·6	Aug. 5	12·8	Dec. 3	(–5·0)	Dec. 26	–11·1
Cairngorm	May 29	17·2	Aug. 5	10·0	Dec. 25	(–6·1)	Dec. 26	(–12·2)
Achnagoichan	May 29	23·3	Aug. 5	13·3	Dec. 25	–2·2	Dec. 26	–11·1
Glenmore Lodge	May 29	23·2	July 21	13·6	Dec. 27	(–3·5)	Dec. 27	–13·3
1 SCOTLAND, E.								
Nairn	—	—	—	—	Nov. 30	0·0	Jan. 6, Feb. 21	– 7·8
Forres	Aug. 4	23·3	Aug. 5	13·9	Dec. 25	–1·1	Dec. 26	– 7·8
Kinloss	Aug. 4	24·2	Aug. 5	14·8	Dec. 25	–0·3	Dec. 25	– 7·3
Elgin	Aug. 4	24·4	Aug. 5	15·0	Dec. 25	0·6	Dec. 26	– 5·6

TABLE V (continued)[FIRST PUBLISHED 1913]—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1964 AT EACH STATION

*DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
		°C		°C		°C		°C
1 SCOTLAND E—cont.								
Lossiemouth	July 30	23·9	Aug. 5	13·9	Dec. 25	1·7	Dec. 26	− 8·3
Gordon Castle	July 30	24·4	Aug. 5	15·6	Dec. 25	0·0	Dec. 26	− 5·6
Banff	Aug. 3	23·3	Aug. 5	14·4	Dec. 25	0·6	Dec. 26	− 6·1
Braemar	Aug. 4, 12	22·2	July 23, Aug. 4	12·8	Dec. 25	−3·3	Dec. 26	−13·9
Balmoral	Aug. 3	23·9	July 23	12·2	Dec. 25	−2·8	Dec. 26	−14·4
Dinnet	July 30, Aug. 3	24·4	Aug. 4	13·9	Dec. 25	−3·3	Dec. 26	−12·8
Huntley	July 30	25·0	Aug. 5	13·7	Dec. 25	−1·6	Dec. 26	− 9·5
Fyvie Castle	July 30	25·0	June (27), July 15, 18, 30, Aug. 5, 18	12·8	Dec. 25	1·1	Dec. 26	− 6·7
Craibstone	July 30	25·6	July 17	13. 9	Dec. 25	−1·1	Dec. 26	− 6·7
Dyce	Aug. 3	26·8	Aug. 26	14·3	Dec. 25	−1·0	Dec. 26	−11·7
Aberdeen	July 30, Aug. 3	26·1	July 17	13·9	Dec. 25	−1·1	Dec. 26	− 9·4
Hilton	July 30, Aug. 3	26·1	July 17	14·4	Dec. 25	−0·6	Dec. 26	− 5·6
Udny	July 30	24·4	June 27, Aug. 5	12·8	Dec. 25	−1·1	Dec. 26	− 8·9
Rattrey Head	Aug. 3	24·6	Aug. 5	14·0	Dec. 25	1·5	Dec. 26	− 7·5
Fettercairn	Aug. 3	25·6	July 18, Aug. 18	12·8	Dec. 25	−2·2	Dec. 26	− 8·3
Strachan	Aug. 3	27·8	June 27, Sept. 23	13·3 (13·3)	Dec. 25	−2·2	Dec. 26	−15·6
Stonehaven	Aug. 3	27·2	June 27	13·9	Dec. 25	−0·6	Dec. 26	− 8·3
Muchalls	Aug. 3	26·1	July 17, Aug. 5	13·3	Dec. 25	−0·6	Dec. 26	− 6·1
Mylnefield	Aug. 3, 4	25·0	June 27, July 15	13·9	Nov. 9, Dec. 25	−0·6	Dec. 28	− 7·8
Auchterhouse	Aug. 4	25·6	June 27, Aug. 18	12·2	Dec. 25	−2·2	Dec. 28	− 8·3
Dundee	Aug. 4	26·7	July 15, Aug. 5	14·4	Jan. 17, Feb. 18, Dec. 25	1·1	Dec. 26	− 5·6
Glamis Castle	Aug. 4	25·0	July 15	13·9	Dec. 25	0·0	Nov. 11	− 7·8
Whitehillocks	Aug. 3, 4	23·9	July 15	12·2	Dec. 25	−3·3	Dec. 26	−10·6
Buddon Ness	Aug. 3, 4	25·0	Aug. 5	14·4	Dec. 25	−0·6	Feb. 21	− 8·9
Carnoustie	Aug. 3	25·0	July 31	15·0	Dec. 25	−0·6	Dec. 26	− 6·1
Arbroath	Aug. 3, 4	25·6	Aug. 4, 5	13·9	Dec. 25	0·0	Dec. 26	− 5·0
Montrose	Aug. 3	26·1	Aug. 5	13·9	Dec. 25	−1·7	Dec. 26	− 7·2
Dall	May 29	23·3	July 15, 30, Aug. 4	12·8	Dec. 25	−2·2	Dec. 26	−10·6
Strathyre	July 2, Sept. 4	22·2	Aug. 1	14·4	Dec. 25	−1·1	Dec. 26	−10·0
Callander	July 22, Sept. 4	23·3	Aug. 5	14·4	Dec. 25	−0·6	Dec. 28	− 9·4
Ardtalnaig	July 22	24·4	July 15, Aug. 5	13·9	Jan. 17, Dec. 25	−1·1	Dec. 26	− 6·7
Pitlochry	Aug. 4	23·3	Aug. 4	13·9	Dec. 25	−2·2	Dec. 26	−11·1
Faskally	Aug. 4	22·8	Aug. 4	15·0	Dec. 25	−0·6	Dec. 26	−11·1
Dunning	July 23, Aug. 4	23·9	July 15, Aug. 4, Sept. 10	13·9	Dec. 25	−1·7	Feb. 21, Dec. 28	− 9·4
Perth	Aug. 4	24·4	Aug. 5	15·0	Dec. 25	−1·1	Dec. 26	− 7·8
Inveralmond	Aug. 4	25·0	July 18	14·4	Nov. 9	0·0	Dec. 26, 28	− 8·3
Blairgowrie	Aug. 4	25·0	July 15, Aug. 4	13·9	Dec. 25	−0·6	Dec. 26	− 7·8
Glenshee Lodge	Aug. 4	23·3	Aug. 4	13·3	Dec. 25	−3·3	Dec. 26	−12·8
Pitreavie	Aug. 4	24·7	Aug. 3, Sept. 9	13·9	Dec. 25	−0·4	Dec. 28	− 7·5
Ballingry	Aug. 4	22·8	July 24, Sept. 10	13·3	Feb. 18	0·0	Dec. 28	− 8·9
Kircaldy	Aug. 4	23·3	July 24, Aug. 5, Sept. 10	14·4	Dec. 25	−0·6	Dec. 28	− 7·8
Cupar	July 23, Aug. 4	25·0	Aug. 5	14·4	Dec. 25	−0·6	Feb. 21	− 7·8
Leuchars	Aug. 4	26·1	Aug. 5, 26	14·3	Dec. 25	−0·3	Feb. 21	− 8·9
St. Andrews	Aug. 4	25·6	Aug. 5	15·6	Dec. 25	0·6	Feb. 21	− 7·2
Balerno	Sept. 4	22·2	Aug. 5	(15·0)	Dec. 25	0·0	Feb. 20, Dec. 28	− 8·9
Turnhouse	June 26	23·7	Aug. 26	14·5	Nov. 10, Dec. 25	0·0	Dec. 28	− 8·2
Edinburgh—								
East Craigs	July 23	22·8	Aug. 5	14·4	Dec. 25	−0·6	Feb. 21, Nov. 10, Dec. 26, 28	− 6·7
Davidson's Mains	June 26	23·9	June 27, July 24, Aug. 5, 26, Sept. 10, 23	13·9	Dec. 25	−0·6	Feb. 21, Dec. 28	− 6·7
Penicuik	June 26, July 23, Aug. 4	22·2	Aug. 5	13·9	Dec. 25	−1·7	Feb. 20, Dec. 28	− 9·4
Bush House	June 26, Aug. 4, Sept. 4	21·7	Aug. 5, Sept. 10	13·9	Dec. 25	−1·7	Dec. 28	− 9·4
Edinburgh—								
Blackford Hill	Aug. 4	23·9	Aug. 5	15·6	Dec. 25	−0·6	Dec. 28	− 5·6
Liberton	June 26, July 23, Aug. 4	22·8	Aug. 5	15·6	—	—	—	—
Royal Botanic Gardens	June 26, Aug. 4	22·8	July 24, Aug. 4, Sept. 10, 23	14·4	Dec. 25	0·0	Feb. 21, Dec. 28	− 7·2
Haddington	Aug. 4	23·9	Aug. 5, 24, Sept. 10	14·4	Dec. 25	−1·1	Dec. 26	− 7·8
North Berwick	Aug. 4	23·9	Aug. (5)	16·1	Feb. 18	(1·7)	Feb. 20, 21	(− 3·3)
Dunbar	Aug. 4	24·4	Aug. 5	17·8	Dec. 25	0·6	Dec. 26	− 4·4
Mertoun	Aug. 4, Sept. 4	25·0	Sept. 10	14·4	Dec. 25	−1·7	Dec. 28	−11·7
Lauder	May 29, Aug. 4	22·8	Sept. 10	13·9	Dec. 25	−1·1	Dec. 28	−15·0
Marchmont	Aug. 4	23·3	July 18, Aug. 4, 5, 24, Sept. 10, 11	13·3	Dec. 25	−1·7	Dec. 28	− 8·9
Whitchester	Aug. 4	23·9	Sept. 10	12·8	Dec. 25	−2·2	Dec. 26	− 8·3
St. Abb's Head	Aug. 3	24·3	Aug. 4	15·6	Dec. 26	0·4	Dec. 26	− 5·2
Stanhope Farm	Sept. 3	22·2	Sept. 10	13·9	Dec. 25	−2·2	Dec. 28	−11·1
Blythe Bridge	May 17, Sept. 3, 4	21·1	Aug. 5	13·9	Feb. 18	−0·6	Feb. 20, Dec. 28, 29	− 9·4
West Linton	Sept. 4	22·2	Aug. 5	13·9	Feb. 18	0·0	Dec. 28	−13·3
Glentress	May 29, Aug 4, Sept. 3	22·8	July 15, Aug 4, 17, Sept. 10	12·8	Dec. 25	−1·7	Dec. 28	−14·4
Bowhill	Sept. 4	23·3	July 24	15·6	Dec. 25	−1·7	Feb. 21, Dec. 28	−11·7
Wauchope	May 29	23·9	Sept. 10	13·9	Dec. 25	−2·8	Dec. 28	−12·8
Sourhope	Aug. 4	24·4	Aug. 26, Sept. 10	13·3	Dec. 25	−2·8	Dec. 26	−10·6
6a SCOTLAND, W.								
Tiree	May 27	20·1	Sept. 14	13·6	Dec. 25	2·0	Feb. 19	− 3·6
Rhuvaal	May 28	21·5	Aug. 5	14·3	Dec. 25	2·7	Dec. 25, 26	− 0·5
Colonsay	May 29	23·3	Aug. 5	13·9	Dec. 25	2·8	Jan. 17, Mar. 3, Nov. 30, Dec. 2, 3, 26	− 1·7
Tobermory	May 28	22·2	July 17, Aug. 5	13·9	Dec. 25	1·7	Feb. 19, 20, Dec. 26	− 3·3
Craighouse	Aug. 12	23·3	Aug. 4, Sept. 10	13·9	Dec. 25	3·3	Dec. 26	− 1·1
Campbeltown	May 26	22·2	Aug. 5, 18, 24, Sept. 24	13·9	Feb. 18, 19, 20	3·3	Dec. 26	− 3·3
6a SCOTLAND W—cont.								
Achaglachgach	Aug. 13	23·3	May 28	13·9	Dec. 25, 26	2·2	Dec. 26	− 5·0
Lephinmore	July 20	22·2	July 14, 22	13·9	Dec. 25	1·7	Dec. 26	− 4·4
Glenbranter	Aug. 13	23·3	July 14, 18	13·9	Dec. 24, 25	1·1	Dec. 26	− 8·3
Benmore—								
Forestry Sch.	Aug. 27, 29	22·8	July 18	14·4	Dec. 25, 26	1·1	Feb. 5	− 7·2
Younger Bot. Gardens	—	—	July 18	15·0	Dec. 25	0·6	Feb. 20, Dec. 26	− 5·6
Rothesay	Aug. 12	22·8	July 18	14·4	Feb. 18	2·2	Dec. 26	− 3·9
Millport	Aug. 12	22·2	July 22, Aug. 5	14·4	Feb. 18, 19	3·3	Dec. 26	− 2·2
Helensburgh	May 26, 29, July 22, Sept. 4	21·7	July 18	15·0	Jan. 17, Dec. 26	0·6	Dec. 28	− 6·1
Cumbernauld	Sept. 4	23·9	July 15, 24, Aug. 4, Sept. 10	13·3	Dec. 26	(−1·7)	Dec. 28	−13·3
Earls Hill	Sept. 4	22·3	July 22	12·4	Feb. 18	−2·2	Dec. 28	− 8·3
Stirling	Sept. 4	25·0	Aug. 5	15·0	Nov. 9	−0·6	Dec. 28	− 7·8
Falkirk	—	—	Sept. 10	14·4	Jan. 17	0·0	Dec. 28	−10·0
Greenock	Aug. 12	21·7	July 18	15·6	Dec. 25	0·6	Dec. 28	− 6·1
Paisley	May 29, Sept. 4	22·8	Aug. 5	15·6	Nov. 9	−0·6	Feb. 21, Dec. 28	− 5·0
Barrhead	June 26, Aug. 12	21·7	July 18	15·0	Jan. 17, Nov. 9, 10	−0·6	Dec. 28	− 8·9
Renfrew	May 29, Aug. 12	22·7	Aug. 5	14·6	Nov. 10	−1·5	Dec. 28	− 8·0
Crossmyloof	Aug. 7, Sept. 4	23·3	Aug. 5	15·0	—	—	Dec. 28	− 6·7
Thorntonhall	May 17	21·1	Aug. 5	14·4	Dec. 25	0·0	Nov. 10	− 8·3
Glasgow (Springburn)	Sept. 4	22·2	Aug. 5	13·9	Dec. 25	−0·6	Dec. 28	− 7·2
Coatbridge	May 17, Aug. 11, Sept. 4	22·2	Aug. 5	14·4	Dec. 25	0·0	Feb. 21, Nov. 10	− 7·2
Happenden St.	Sept. 3	22·5	Aug. 18	13·8	Dec. 25	−2·3	Dec. 28	−11·5
Lowther Hill	May 28	19·0	July 18	12·5	Dec. 25	−6·0	Dec. 4	− 9·1
Leadhills	Sept. 3	21·7	July 22	12·8	Feb. 18, Dec. (25), 27	−1·1	Dec. 26	−11·7
Carnwath	Sept. 4	22·8	Aug. 4, 5, Sept. 10	13·3	Dec. 25	−1·7	Dec. 26	−12·2
Camps Res.	Sept. 3	21·1	Sept. 10	12·8	Dec. 25	−2·8	Dec. 28	−10·6
Turnberry	May 26, 27	22·8	Aug. 5	15·0	Dec. 27	2·2	Feb. 21	− 5·0
Largs	May 27, 29, Aug. 12	22·8	July 22	14·4	Feb. 18, 19, 20, Mar. 17, Dec. 27	3·9	Dec. 26	− 3·9
Barr	May 28	25·0	Aug. 5, 17, 18	13·9	Dec. 25	1·1	Feb. 20	− 8·3
Auchincruive	May 28	23·9	Aug. 5	14·4	Dec. 25, 27	1·7	Dec. 26	− 5·6
Prestwick Airport	May 28	24·5	Aug. 5	14·7	Dec. 25	0·4	Dec. 26	− 6·4
Kilmarnock	May 29, Aug. 19	22·2	Aug. 5	15·6	Dec. 25	0·0	Dec. 25, 26	− 5·6
Dalmacallan	Aug. 4	22·8	Sept. 10	13·9	Dec. 25	−1·7	Dec. 28	−11·1
Dumfries	May 28, Sept. 4	22·2	Aug. 26	14·4	Dec. 25	0·0	Dec. 28	−10·6
Eskdalemuir	May 28	22·1	July 30	13·8	Dec. 25	−1·9	Dec. 28	−14·6
Bargrennan	May 27	23·3	Aug. 17, 26	13·3	Dec. 25	0·6	Dec. 26	− 7·8
Palnure	May 27	23·9	Aug. 18	13·9	Dec. 27	1·7	Dec. 26	− 7·8
Glenlee	May 28, Aug. 4	23·3	Aug. 3, 26	13·9	Jan. 17	1·7	Dec. 28	−11·7
Dundeugh	May 27	23·3	Aug. 18, Sept. 10, 11	13·9	Dec. 25	−0·6	Dec. 28	−13·3
Glenlochar Barrage	May 28	23·3	Sept. 10	14·4	Dec. 25	0·0	Dec. 28	− 8·9
Threave	May 28	23·9	Sept. 25	14·4	Dec. 25	0·6	Dec. 28	− 9·4
Castle Douglas	May 28	23·3	Aug. 17, 26, Sept. 11	13·9	Dec. 18, 27	1·1	Dec. 28	−10·6
West Freugh	Aug. 13	21·8	Aug. 18	14·3	Dec. 26	2·7	Mar. 7	− 5·5
Penwhirn	—	—	Aug. 17, 18	13·3	Mar. 17, Dec. 27	0·0	Dec. 28	− 7·8
Mull of Galloway	May 25	21·1	Aug. 17	14·2	Dec. 25	2·0	Feb. 17	− 1·6
Newton Stewart	May 27	23·9	July 22, Aug. 17	14·4	Dec. 25	1·1	Dec. 26	− 6·7
6b ISLE OF MAN								
Ronaldsway	Aug. 4	21·6	Aug. 4	14·9	Dec. 25	2·2	Dec. 26	− 5·1
Douglas	May 26, Aug. 4	21·7	Aug. 4, Sept. 10	14·4	Feb. 19, Dec. 25	2·2	Dec. 28	− 2·8
Point of Ayre	June 26	24·5	July 24, Sept. 11	15·3	Dec. 25	2·6	Dec. 28	− 4·5
2 ENGLAND, N. E.								
Kielder Castle	May 17	22·8	July 25, Sept. 10	13·9	Dec. 25	−1·7	Dec. 28	−14·4
Corbridge	Aug. 4	25·0	July 25	15·0	Dec. 25	−0·6	Feb. 21	−11·7
Berwick-on-Tweed	June 26, Aug. 3	22·8	July 15, Aug. 4, 24, Sept. 10	14·4	Dec. 25	0·6	Dec. 26, 28	− 6·1
Cockle Park	Aug. 5	25·0	July 25, Aug. 26	14·4	Dec. 25	−1·7	Dec. 26	− 6·7
Acklington	Aug. 3	24·7	July 25	15·5	Dec. 26	−1·2	Dec. 26	− 8·2
Tynemouth	Aug. 25	26·0	July 15	16·5	Dec. 25	−1·0	Dec. 26	− 5·7
Chopwellwood	June 26	23·9	July 15, 25	15·0	Dec. 25	−1·1	Dec. 26, 28	− 6·7
Ushaw	—	—	July 25	15·0	Dec. 25	−1·7	Dec. 26	− 8·3
Houghall	July 17, Sept. 5	25·0	Sept. 11	15·6	Dec. 16	−0·6	Feb. 21, Dec. 26	−11·7
Durham	Aug. 4	25·0	July 25	15·0	Dec. 25	−1·1	Dec. 26	− 9·4
Gateshead	Aug. 5	24·4	July 15, 25	15·0	Dec. 25	−0·6	Dec. 26	− 6·1
West Hartlepool	Aug. 3, 26	26·1	July 15, 25	16·1	Dec. 25	−0·6	Dec. 26	− 7·8
Dishforth	Aug. 5	27·0	July 31	15·5	Jan. 18	−2·1	Dec. 26	− 8·4
Thirsk	Aug. 3, 5, 26	25·6	Sept. 10, 11	15·0	Dec. 16	−1·7	Dec. 26	−10·0
York	Aug. 26	27·8	July 15, 31	15·6	—	—	—	—
Ampleforth	Aug. 26	25·6	July 18, 31, Aug. 3, 6	13·9	Feb. 18, Mar. 15, Dec. 26	0·0	Dec. 26, 27	− 7·8
Redcar	Aug. 26	27·8	July 25, Sept. 11	16·1	Dec. 25	0·6	Dec. 26	− 7·8
Pickering	Aug. 3, 26	27·2	July 15	15·5	Dec. 15	−2·2	Dec. 26	−14·4
Whitby	Aug. 26	27·2	July 15	16·1	Dec. 28	0·0	Dec. 26, 27	− 9·4
Scarborough	Aug. 26	28·3	July 15	16·1	Feb. 18, Dec. 15, 28	1·1	Dec. 26, 27	− 6·1
Silpho Moor	Aug. 26	26·1	Aug. 26	13·9	Jan. 3, Feb. 18, Mar. 15	0·6	Dec. 26	− 7·2
Whitby C. G.	Aug. 26	30·7	July 15	15·7	Dec. 28	−0·5	Dec. 26	− 9·2
High Mowthorpe	Aug. 26	27·8	July 15	14·4	Dec. 25	−2·2	Dec. 26	−11·1
Hull	Aug. 26	29·4	Aug. 6	16·7	Dec. 16	−1·1	Dec. 26	− 7·8
Leconfield	Aug. 26	28·3	July 15	16·2	Dec. 26	−1·2	Dec. 26	− 7·5
Filey	Aug. 26	27·8	July 15	16·1	Dec. 15	−1·7	Dec. 27	−11·1
Bridlington	Aug. 26	27·8	July 15, Aug. 6	14·4	Jan. 18, Feb. 18	0·6	Dec. 26	−10·6
Navenby	Aug. 26	29·4	July 15, 30	16·1	Dec. 15, 16	−2·2	Dec. 26	− 9·4
Waddington	Aug. 26	29·2	July 30	16·0	Dec. 16	−1·1	Dec. 16	− 8·6
Lincoln	Aug. 26	28·9	July 15, 30, Aug. 6, 25	14·4	Dec. 16	−1·7	Dec. 26	− 8·9
Cranwell	Aug. 26	29·1	Aug. 6	16·1	Dec. 28	−0·7	Dec. 16, 29	− 7·7
Binbrook	Aug. 26	29·9	July 30	15·8	Dec. 26	−1·6	Dec. 26	− 7·6
Cleethorpes	—	—	Aug. 6	16·7	Dec. 15, 25	−0·5	Dec. 26	− 7·2
Manby	Aug. 26	30·2	July 30	16·5	Dec. 26	−1·7	Dec. 29	− 9·3
Skegness	Aug. 26	30·6	July 30	16·7	Dec. 25	−0·5	Dec. 26	− 7·8

TABLE V (Continued) [FIRST PUBLISHED 1913]—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1964 AT EACH STATION

*DISTRICT AND PLACE	WARMEST DAY Highest Maximum and date		WARMEST NIGHT Highest Minimum and date		COLDEST DAY Lowest Maximum and date		COLDEST NIGHT Lowest Minimum and date	
		°C		°C		°C		°C
3 ENGLAND, E.								
Terrington St. Clement	Aug. 26	31·7	July 26, 30	16·1	Jan. 22, Dec. 25	−0·6	Dec. 29	− 9·4
Marham	Aug. 26	31·2	July 26	16·8	Dec. 26	−2·6	Dec. 29	−11·1
Santon Downham	Aug. 26	32·2	July 30, Aug. 25	16·1	Jan. 22, Dec. 25	−0·6	Dec. 18	− 9·4
West Raynham	Aug. 26	31·1	Aug. 26	16·1	Dec. 26	−3·1	Dec. 29	−10·2
Cromer	Aug. 26	32·8	July 15, 18, Aug. 6, 25	15·6	Jan. 21, 22, Dec. 26, 27	1·1	Dec. 29	− 8·3
Sprowston	Aug. 26	31·7	July 15, Aug. 25	16·7	Jan. 21, 22	0·0	Dec. 29	− 8·3
Coltishall	Aug. 26	32·4	Aug. 25	17·0	Dec. 26	−2·5	Dec. 27	−13·6
Burlingham	Aug. 26	31·7	July 15, Aug. 6, 25	16·7	Jan. 22	0·0	Dec. 27	−10·6
Gorleston	Aug. 26	27·0	July 15	17·0	Jan. 22	0·4	Dec. 29	− 6·2
Mildenhall	Aug. 26	32·2	July 30	17·2	Jan. 22, Dec. 26	−0·9	Jan. 14	− 9·5
East Berholt	Aug. 26	32·2	June 13, Aug. 17	16·7	Jan. 22	0·0	Jan. 14	−10·0
Wattisham	Aug. 26	31·7	July 15, Aug. 17	16·4	Dec. 26	−2·0	Dec. 29	− 7·6
Aldeburgh	Sept. 10	25·0	July 15, Aug. 17	17·6	Dec. 26	−0·8	Dec. 29	− 5·9
Lowestoft	July 25	27·2	July 15, Aug. 6	16·7	Jan. 22, Dec. 26	0·0	Dec. 29	−10·0
Boxworth	Aug. 26	31·1	July 30	16·7	Jan. 12, 22, Dec. 16	0·0	Jan. 14	−10·0
Cambridge Bot. Gdns.	Aug. 26	31·7	July 26	17·2	Jan. 22	−0·6	Jan. 14, Dec. 29	− 9·4
Cambridge N.I.A.B.	Aug. 26	31·7	July 26	17·2	Jan. 22	−0·6	Jan. 14	− 8·9
Monkswood	Aug. 26	31·1	July 26, 30	15·6	Jan. 22	0·0	Jan. 14	−10·6
Wyton	Aug. 26	31·0	July 30	16·7	Jan. 22	−1·0	Jan. 14	−10·0
Woburn	Aug. 26	30·0	June 28, July 15, 30	15·6	Jan. 12, 13, Dec. 16	0·0	Jan. 14	−12·2
Luton	Aug. 26	30·0	July 26	16·1	Jan. 13	−0·6	Jan. 14	−11·1
Silsoe	Aug. 26	30·6	June 28, July 15, Aug. 17	16·1	Jan. 12, Dec. 16	0·0	Jan. 14	−10·0
Cardington	Aug. 26	31·3	July 30	16·2	Dec. 16	−1·5	Jan. 13	−11·8
Letchworth	Aug. 26	32·2	Aug. 17	16·7	Jan. 13, Dec. 16, 28	0·6	Jan. 14	−11·1
Bovingdon	Aug. 26	28·9	June 28, Aug. 3, 17	15·0	Jan. 13	−1·5	Dec. 29	−10·3
Garston	Aug. 26	30·0	June 28	16·1	Jan. 12, Feb. 19, Dec. 25, 28	0·6	Dec. 29	−10·6
Rothampstead	Aug. 26	30·0	July 30	15·6	Dec. 28	−0·6	Dec. 29	−12·8
St. Albans	Aug. 26	30·0	June 28, July 30	16·1	Dec. 28	0·0	Dec. 29	−11·1
Stanstead Abbotts	—	—	July 30	17·2	Dec. 28	0·0	Dec. 29	−12·2
Hoddesdon	Aug. 26	30·6	July 30	16·7	Jan. 12, Feb. 19, Dec. 16, 28	0·6	Dec. 29	−11·1
Eastwick Lodge	Aug. 26	31·7	July 30	17·2	Dec. 25, 28	0·6	Dec. 29	−12·2
Stanstead Airport	Aug. 26	30·7	July 30	16·4	Jan. 18	−2·5	Jan. 14, Dec. 29	− 8·9
Writtle	Aug. 26	30·6	July 30	17·2	Jan. 12	0·6	Dec. 29	−12·2
Southend	Aug. 26	29·4	June 28, July 15, 26, Aug. 28	16·7	Dec. 25	0·6	Dec. 29	− 5·0
Malden	Aug. 26	31·7	Aug. 17	17·2	Jan. 22	0·6	Dec. 29	−11·7
Earls Colne	Aug. 26	31·7	June 13	16·7	Jan. 22	0·0	Jan. 14	−11·1
Shoeburyness	Aug. 26	29·0	July 15, Aug. 17	18·1	Dec. 25	0·6	Jan. 13, 14	− 5·8
Clacton	June 27, Aug. 3	25·6	Aug. 6, 26	17·8	Dec. 25	0·6	Dec. 29	− 5·0
Walton-on-Naze	July 24	24·9	Aug. 6	18·4	Dec. 25	0·9	Dec. 29	− 5·5
Dovercourt	Aug. 26	27·2	Aug. 17	17·2	Jan. 22	0·6	Jan. 18	− 6·1
4 MIDLAND COUNTIES								
Slaidburn	July 17	23·3	July 14, 30, Aug. 4	13·9	Dec. 25, 27	0·0	Dec. 26	− 9·4
Malham Tarn	May 17	21·1	July 22	13·3	Dec. 25	−2·8	Dec. 26	− 8·9
Huddersfield	Aug. 26	26·7	July 15, Aug. 26	16·1	Feb. 18, Mar. 5	0·0	Dec. 26	− 7·2
Huddersfield (Oakes)	Aug. 26	26·5	July 15	14·5	Jan. 18	−1·6	Dec. 26	− 7·1
Bradford	Aug. 26	25·0	July 30, Sept. 11	15·0	Dec. 15, 25	−0·6	Dec. 26	− 7·2
Ilkley	July 17, Aug. 5, 26	25·0	July 30, Aug. 26	15·6	Jan. 17, Dec. 16, 25	0·0	Dec. 26	− 7·8
Sheffield	Aug. 26	27·2	July 15, 30, Aug. 1, 27, Sept. 11	15·0	Feb. 21, Dec. 25	−0·6	Jan. 18, 19, Feb. 21	− 5·6
Wakefield	Aug. 26	27·2	July 15, 30	16·1	Dec. 15	−0·6	Dec. 26	−10·0
Pontefract	Aug. 26	26·7	July 30	15·6	Dec. 16	−0·6	Dec. 26	− 6·7
Bramham	Aug. 26	27·2	July 15, Sept. 11	15·0	Dec. 16	−1·7	Dec. 26	− 7·8
Cawood	Aug. 26	27·2	July 30, Aug. 6, Sept. 9	15·0	Dec. 16	−1·7	Dec. 26	− 9·4
Askham Bryan	Aug. 26	27·2	Sept. 9	15·6	Dec. 15, 28	−1·1	Dec. 26, 27	− 7·2
Buxton	Aug. 26	24·5	July 15, 18	14·5	Dec. 25	−2·2	Dec. 26	−10·0
Chapel-en-le-Frith	Aug. 26	25·5	July 15	15·0	Dec. 25	−1·7	Dec. 26	−11·1
Mackworth	Aug. 26	27·2	July 15	15·5	Dec. 25	0·0	Dec. 29	−10·0
Belper	—	—	—	—	Dec. 26	0·0	Jan. 18	− 7·8
Derby	Aug. 26	28·3	July 15, Aug. 6, 25	16·1	Dec. 16	0·5	Jan. 18, Dec. 26, 29	− 7·2
Morley	Aug. 26	27·2	July 15, Aug. 6	15·5	Jan. 21, Dec. 16, 28	0·0	Dec. 26, 29	− 7·8
Chesterfield	Aug. 26	27·2	July 15, Aug. 6, Sept. 11	15·0	Dec. 25	0·0	Feb. 21	− 8·3
Sutton Bonington	Aug. 26	27·8	July 15	15·5	Dec. 16	−0·5	Jan. 18, Dec. 29	− 8·9
Watnall	Aug. 26	28·1	July 15	15·4	Dec. 16	−1·3	Dec. 29	− 7·9
Nottingham T. College	Aug. 26	28·3	July 15	16·1	Mar. 17, Dec. 16	0·0	Jan. 18, 19, Dec. 29	− 7·2
Mansfield	Aug. 26	27·2	July 15, 30	15·5	Feb. 18, Dec. 25	0·0	Feb. 21, Dec. 29	− 7·2
Nottingham	Aug. 26	27·8	July 17	16·7	Dec. 16, 28	0·5	Dec. 26, 29	− 7·2
Warsop	Aug. 26	27·8	July 15	16·1	Dec. 16	−0·5	Dec. 29	−12·2
Finningley	Aug. 26	28·6	July 30	16·3	Dec. 16	−3·2	Dec. 29	− 7·7
Newton Linford	Aug. 26	27·2	July 15, 26	15·0	Dec. 16	0·0	Dec. 29	−10·5
Caldecott	Aug. 26	30·0	June 13, July 26, Aug. 6, 17	15·0	Jan. 13, 21, Dec. 25	1·1	Dec. 29	−15·5
Bugbrooke Mills	Aug. 26	30.0	July 26	15·5	Dec. 16, 28	0·0	Dec. 29	−12·8
Raunds	Aug. 26	30·5	July 26	17·3	Dec. 16	−0·5	Jan. 14	−11·7
Wittering	Aug. 26	30·4	July 26	16·5	Dec. 28	−0·9	Dec. 29	−10·2
Birmingham (KES)	Aug. 26	27·8	Aug. 2	16·1	Dec. 25	−0·6	Dec. 29	− 7·8
Edgbaston	Aug. 26	27·7	July 17	16·2	Dec. 25	−0·7	Dec. 29	− 7·0
Luddington	Aug. 26	28·3	July 15, 26, Aug. 6, Sept. 11	16·1	Dec. 15	−1·7	Dec. 29	− 9·5
4 MIDLAND COUNTIES—contd.								
Stratford-on-Avon	Aug. 5, 26	28·3	July 15, 26, Aug. 6	16·1	Dec. 15	−1·7	Dec. 29	−10·5
Elmdon	Aug. 26	27·2	Aug. 6	15·7	Dec. 16	−3·3	Jan. 14	−11·6
Shipston-on-Stour	Aug. 26	28·3	July 26	16·1	Dec. 15	−2·2	Jan. 14	−10·0
Wellsbourne	Aug. 26	28·3	July 26	16·1	Dec. 15	−1·7	Jan. 14	−10·6
Moreton Morrell	Aug. 26	28·9	July 26	16·7	Dec. 15	−1·1	Jan. 14	−12·2
Coventry	Aug. 26	27·2	July 26, Aug 3, 6	15·5	Dec. 15	−2·2	Dec. 26	−11·1
Rugby	Aug. 26	28·3	Aug. 3, 17	15·5	Dec. 15	−1·1	Jan. 14	− 9·4
Oxford	Aug. 26	30·5	July 15, 31, Aug. 2, 17, Sept. 11	16·1	Dec. 16	0·5	Jan. 14	− 7·8
Medmenham	Aug. 26	28·9	Aug. 3	16·1	Jan. 12, 13	1·1	Dec. 29	−11·7
Grendon Underwood	Aug. 26	29·5	June 28, July 15, Aug. 17	15·0	Dec. 28	0·5	Dec. 29	−12·2
Aylesbury	Aug. 26	29·5	July 15, Aug. 3, 17	15·5	Jan. 12, 13, Dec. 25	0·0	Dec. 29	− 9·5
Keele	Aug. 26	25·5	July 17	15·5	Dec. 28	−1·1	Dec. 29	− 8·3
Oaken	Aug. 26	27·2	July 18, Sept. 10, 11	15·0	Dec. 18	−1·1	Jan. 14	−10·0
Stone	Aug. 26	26·1	July 15, 17	15·0	Dec. 18, 25	−0·5	Dec. 29	−10·0
Penkridge	Aug. 26	27·2	July 15	15·5	Dec. 18	−1·7	Jan. 14	− 9·4
Onecote	Aug. 26	23·9	July 17, 18	13·3	Dec. 25	−5·0	Dec. 29	− 8·3
Oswestry	Aug. 5	23·3	July 15, 19, Aug. 2, 6	14·5	Jan. 17, Feb. 21	0·0	Dec. 29	− 7·2
Shrewsbury	Aug. 26	26·7	Sept. 11	16·1	Dec. 18	−1·1	Dec. 29	− 8·9
Shawbury	Aug. 26	26·3	Sept. 11	15·9	Dec. 28	−4·3	Dec. 28	−10·8
Newport	Aug. 26	27·2	July 15, 26, Aug. 3, 17, Sept. 11	15·0	Dec. 18	−2·3	Dec. 28	− 8·3
Malvern	Aug. 5	27·2	July 18, 26, Aug. 2	16·1	Dec. 15	−2·8	Dec. 29	− 8·3
Worcester	Aug. 5	27·8	Aug. 2	16·1	Dec. 15	−2·2	Dec. 29	− 9·5
Pershore (Institute of Horticulture)	Aug. 5	27·8	July 26	16·7	Dec. 15	−2·2	Jan. 14	− 7·8
Pershore	Aug. 5	27·3	Aug. 2	16·7	Dec. 15	−2·7	Jan. 14	− 9·6
Halesowen	Aug. 26	27·2	July 15, 26	15·0	Dec. 18	−0·5	Jan. 14	−12·8
Lyonshall	Aug. 26	27·8	Aug. 2	15·5	Jan. 13	−0·6	Jan. 14	− 8·9
Credenhill	Aug. 26	27·2	July 26, Sept. 10	16·1	Dec. 15	0·0	Jan. 14	−10·6
Ross-on-Wye	Aug. 5	26·8	Aug. 2	16·7	Dec. 16	−2·0	Dec. 29	−10·7
Preston Wynne	Aug. 26	27·2	Aug. 2	16·1	Dec. 15	−2·3	Dec. 29	− 9·5
Avonmouth	Aug. 4	27·2	Aug. 2	17·2	Jan. 13	1·1	Jan. 14	− 6·1
Filton	Aug. 26	26·0	July 18	17·5	Dec. 28	−1·0	Dec. 28, 29	− 7·6
Hempsted	Aug. 5, 26	26·1	July 18, Aug. 2	17·2	Dec. 15	−0·5	Dec. 26	− 8·3
Gloucester	Aug. 5	27·7	Aug. 2	17·4	Dec. 16	−3·1	Dec. 26	− 7·8
Cheltenham	Aug. 26	27·8	July 18, Aug. 2, 5	16·7	Jan. 13	−0·6	Jan. 14, Dec. 29	− 7·8
Cirencester	Aug. 26	28·3	July 18	16·7	Jan. 13	−0·6	Dec. 29	−10·0
Little Rissington	Aug. 26	28·4	July 18	15·6	Dec. 28	−2·4	Dec. 29	− 9·1
5 ENGLAND, S. E.								
Kensington Palace	Aug. 26	29·5	June 28, July 15, 27, Aug. 3, 17	16·7	Jan. 12, Dec. 28	1·1	Dec. 29	− 6·1
Hampstead	Aug. 26	29·5	July 18, Aug. 5	16·7	Jan. 12, Dec. 25, 28	0·0	Dec. 26	− 6·1
St. James Park	Aug. 26	30·5	July 26	18·3	Jan. 5, 12, Feb. 19, Dec. 26	1·7	Dec. 26, 29	− 5·5
Regent's Park	Aug. 26	30·0	July 15, 27	17·2	Jan. 12	0·6	Dec. 29	− 5·5
Camden Square	Aug. 26	30·5	July 15, 26, Aug. 5	16·7	Jan. 12	0·6	Dec. 29	− 4·5
Greenwich M.M.	Aug. 26	30·0	July 26, 30, Aug. 3	17·2	Jan. 12, Dec. 25	1·1	Jan. 14, Dec. 29	− 6·7
London Airport	Aug. 26	30·1	July 18	17·4	Jan. 13	0·6	Dec. 29	− 7·1
Hampton	Aug. 26	29·5	July 18, 27, Aug. 5, 17	17·2	Jan. 12, Dec. 28	1·1	Dec. 29	− 6·7
Southgate	Aug. 26	30. 0	June 28	16·7	Jan. 12	0·6	Jan. 14, Dec. 29	− 6·1
Wisley	Aug. 26	29·5	Aug. 2, 3	16·7	Feb. 19, Dec. 16	1·1	Dec. 29	− 8·3
Mickleham	—	—	—	—	Dec. 27	0·5	Dec. 29	−11·1
Kew Observatory	Aug. 26	28·1	July 27	17·2	Jan. 13	0·8	Dec. 29	− 6·1
Gatwick	July 17	28·5	June 28	16·4	Jan. 13	−0·4	Dec. 29	−11·0
Waddon	July 17	28·3	Aug. 6	16·7	Dec. 27	0·0	Jan. 17, 18, Feb. 6, 21, Dec. 26	− 6·7
Addington	Aug. 26	28·3	July 18	16·7	Jan. 12	−0·6	Dec. 26	− 6·1
Bromley	Aug. 3	27·3	July 15, 27, Aug. 5	16·7	Dec. 25, 28	0·5	Dec. 29	− 8·3
Swanley	Aug. 26	28·9	June 28	16·7	Jan. 12, Mar. 6, Dec. 27	0·0	Dec. 29	−10·0
Dartford	Aug. 26	30·0	June 28	17·2	Jan. 12, Dec. 27, 28	1·1	Jan. 14	− 9·4
Goudhurst	July 17, Aug. 26	28·3	July 30	16·1	Jan. 12, Dec. 27	0·0	Dec. 29	−10·6
East Malling	Aug. 26	29·4	July 30, Aug. 3	16·7	Jan. 12	0·6	Jan. 14	−10·0
Gillingham	Aug. 26	31·1	July 30	17·7	Jan. 12, Dec. 25, 27	1·1	Jan. 14	− 7·8
Sittingbourne	Aug. 26	29·4	July 15, 30, Aug. 17	16·7	Jan. 16	−0·6	Jan. 14	−10·0
Isle of Grain	Aug. 26	30·5	July 30	17·2	Jan. 12	1·1	Dec. 29	− 4·5
Faversham	Aug. 26	29·4	July 15	17·2	Dec. 25, 27	0·6	Jan. 14	− 9·4
Dungeness	Aug. 1	23·5	Aug. 17	17·2	Dec. 25	0·7	Dec. 29	− 8·2
Wye	Aug. 27	29·4	July 15, Aug. 17,	16·1	Dec. 25, Jan. 12	0·0	Dec. 29	−10·0
Whitstable	Aug. 26	30·0	July 15	17·7	Jan. 12	0·6	Dec. 29	− 6·7
Folkestone	July 17, Aug. 1	24·5	Aug. 26	17·3	Dec. 25, 27	0·5	Dec. 26, 29	− 3·9
Elmstone	Aug. 26	28·9	June 13, Aug. 3, 17	16·7	Dec. 27	0·0	Jan. 14, Dec. 29	− 8·3
Herne Bay	Aug. 26	30·0	Aug. 17	17·8	Jan. 12, Dec. 27	1·1	Dec. 29	− 5·0
Dover	July 17	25·0	Aug. 17	17·8	Dec. 25	1·1	Dec. 29	− 6·1
Deal	Aug. 26	27·9	Aug. 17	18·0	Dec. 27	0·6	Dec. 29	− 4·5
Manston	Aug. 26	30·4	Aug. 17	17·1	Jan. 13	−0·4	Dec. 29	− 7·0
Ramsgate	—	—	—	—	Dec. 27	1·1	Dec. 27	− 3·9
Margate	Aug. 26	30·0	July 15	18·9	Jan. 12, Feb. 19, Mar. 6, Dec. 27	1·1	Dec. 29	− 3·9
Thorney Island	July 17	28·3	Aug. 2	16·7	Jan. 12	1·1	Dec. 29	− 6·5
Bognor Regis	Aug. 2	23·9	Aug. 5, 17	17·2	Jan. 12, Mar. 7, Dec. 25	1·7	Dec. 29	− 5·6

TABLE V (continued) [FIRST PUBLISHED 1913]—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1964 FOR EACH STATION

*DISTRICT AND PLACE	WARMEST DAY Highest Maximum and date		WARMEST NIGHT Highest Minimum and date		COLDEST DAY Lowest Maximum and date		COLDEST NIGHT Lowest Minimum and date	
		°C		°C		°C		°C
5 ENGLAND, S. E.—cont.								
Fernhurst	July 17	28·9	Aug. 2	16·1	Jan. 12	0·6	Dec. 29	− 8·9
Littlehampton	—	—	—	—	Jan. 12, Feb. 19	1·7	Dec. 29	− 6·1
Rustington	—	—	Aug. 2, 17	16·1	Mar.7Dec.25	1·7	Dec. 29	− 6·7
Worthing	Aug. 27	25·6	Aug. 2	17·8	Jan. 12	1·1	Jan. 14, Dec. 26	− 3·9
Brighton	July 17	26·1	Aug. 2, 17	17·8	Jan. 12	1·1	Dec. 29	− 5·0
East Grinstead	July 17, Aug.26	27·8	Aug. 3	16·1	—	—	—	—
East Hoathly	July 17	27·9	Aug. 2, 3	16·7	Jan. 13	0·1	Dec. 29	− 9·8
Eastbourne	Aug. 26	25·6	Aug. 2	17·8	Jan. 12, Feb. 19, Dec. 25	1·7	Dec. 29	− 5·0
Eastbourne C.G.	Aug. 27	26·3	Aug. 2	17·3	—	—	—	—
Bexhill	July 17	25·6	July 17, Aug. 26	17·2	Dec. 25	1·1	Dec. 29	− 6·7
Bodiam	Aug. 27	29·4	July 30, Aug. 3	16·1	Feb. 19, Dec. 25, 27	1·1	Dec. 29	−10·6
Hastings	July 17	26·7	Aug. 6, 26	17·2	Dec. 25	0·6	Dec. 26, 29	− 3·9
Letcombe Regis	Aug. 26	29·4	Aug. 2	16·1	Jan. 13	0·0	Jan. 14	−10·6
Abingdon	Aug. 26	30·7	Aug. 2	16·8	Dec. 16	−2·8	Jan. 14	− 9·8
Compton	Aug. 26	28·9	Aug. 1, 2	16·1	Jan. 12, 13	0·0	Jan. 14	−11·1
Woolhampton	Aug. 26	28·3	Aug. 2	16·1	—	—	—	—
Wallingford	Aug. 26	30·0	Aug. 2	16·7	Dec. 15	−0·6	Jan. 14, Dec. 26	− 9·4
Shinfield	Aug. 26	29·4	Aug. 2	16·7	Jan. 12, 13	0·6	Dec. 29	− 8·3
Reading	Aug. 26	30·0	Aug. 2	17·2	Dec. 16	0·6	Dec. 29	− 7·2
Reading S.T.G.	Aug. 26	30·0	Aug. 2	17·2	Jan. 12, Dec. 16	0·6	Dec. 29	− 8·9
Finchampstead	July 17, Aug. 26	28·3	Aug. 2, Sept. 15	16·7	Jan. 12, Dec. 25, 28	0·6	Dec. 29	− 9·4
Hurley	Aug. 26	29·4	Aug. 3	16·1	Dec. 16, 25	0·6	Dec. 29	−10·0
Bracknell	July 17, Aug. 26	28·9	Aug. 2, 3	16·1	Jan. 12	0·6	Dec. 29	− 8·9
Bournemouth	Aug. 3	26·1	Aug. 2	17·2	Jan. 12	1·1	Dec. 29	− 7·8
Hurn	Aug. 3	26·9	Aug. 2	17·3	Dec. 28	−0·8	Dec. 29	−10·5
Christchurch	Aug. 2, 3	26·1	Aug. 2	17·2	Jan. 12, Dec. 25	1·7	Dec. 29	− 8·3
Everton	July 17, Aug. 2	26·1	Aug. 2	16·7	Jan. 12	1·1	Dec. 29	− 7·2
Southampton	Aug. 3	28·3	Aug. 2, 5	16·7	Jan. 12	1·7	Dec. 29	− 7·2
Leckford	July 17, Aug. 26	28·3	July 15, 27, Aug. 17	15·0	Jan. 12	0·0	Dec. 29	− 7·8
Winchester	Aug. 3	28·3	Aug. 2	16·7	Jan. 13	0·6	Dec. 29	− 9·4
Martyr Worthy	July 17, Aug. 3	28·3	Aug. 2	16·1	—	—	Dec. 29	− 8·3
Southsea	July 17, Aug. 3, 4	26·1	Aug. 5	17·2	Jan. 12	1·1	Dec. 26, 29	− 4·4
Hayling Island	July 17	27·2	Aug. 2	17·2	Jan. 12, 13, Feb. 19, Mar. 7, Dec. 25	2·2	Dec. 27	− 6·1
Long Sutton	July 17, Aug. 26	27·2	July 18, Aug. 2	16·1	Feb. 19, Mar. 5, Dec. 25	0·0	Jan. 14	− 7·2
Alice Holt Lodge	July 17	27·8	Aug. 2	16·7	Jan. 12	0·0	Dec. 29	− 9·4
South Farnborough	Aug. 26	29·3	Aug. 2	17·0	Dec. 16	−2·0	Jan. 14	−12·4
St. Catherine's Point	July 17	22·3	Aug. 2	17·3	Feb. 19	2·0	Jan. 14	− 4·3
Ventnor	Aug. 2	25·0	July 17, Aug. 4	16·7	Jan. 12	1·1	Dec. 26, 29	− 3·9
Shanklin	Aug. 4	25·6	Aug. 2	16·7	Jan. 12	1·1	Dec. 29	− 6·1
Sandown	Aug. 27	26·1	July 20	18·9	Jan. 12	2·2	Dec. 29	− 5·0
Ryde	Aug. 3	27·2	Aug. 4	17·8	Jan. 12	1·7	Dec. 29	− 5·0
Lacock	Aug. 26	27·8	July 15, 18, Aug.2, 17, Sept.11	15·6	Jan. 12	0·0	Jan. 14	− 9·4
West Lavington	July 17, Aug.26	28·3	July 18, Aug. 2	15·6	Jan. 12, 13	0·0	Dec. 26, 29	− 8·9
Lyneham	Aug. 26	27·3	July 18	16·6	Dec. 16	−3·0	Jan. 14	− 9·2
Chiseldon	Aug. 26	28·9	July 18	16·1	Jan. 13	−0·6	Dec. 16	− 8·9
Larkhill	Aug. 26	27·9	July 18	16·0	Jan. 12	−0·2	Dec. 29	− 9·4
Boscombe Down	Aug. 26	29·1	July 18	15·4	Dec. 28	−0·4	Dec. 29	−10·0
Upavon	Aug. 26	27·9	Aug. 2	16·0	Dec. 28	−1·3	Dec. 29	− 9·5
Porton	July 17, Aug.26	27·6	Aug. 17	15·3	Jan. 12	0·5	Dec. 29	− 9·5
7a ENGLAND, N. W.								
Sellafield	May 26	25·6	Aug. 26	15·6	—	—	Dec. 28	− 8·3
Carlisle	July 17	24·4	July 14, 30	15·0	Dec. 25	0·1	Dec. 28	− 8·9
Newton Rigg	July 17	22·8	July 25, Aug. 26	15·0	Dec. 26	0·0	Dec. 28	− 9·4
Spadeadam	May 29	21·7	July 25, Aug. 4	13·3	Dec. 25	−2·8	Dec. 26	−10·6
Ambleside	May 27	25·0	Aug. 4	16·1	Dec. 28	0·6	Dec. 28	−11·7
Great Dun Fell	July 17	17·8	Aug. 26	10·3	Dec. 25	−6·8	—	—
Moor House	May 17, July 17	20·0	July 25, Aug. 4, 26	11·7	Feb. 18, 19, Mar. 18	−3·3	Feb. 20	−13·9
Squires Gate	July 17	25·9	July 25, 30, Sept. 10	15·6	Dec. 28	0·4	Dec. 28	−11·0
Urswick	May 27	25·0	July 25, Sept. 11	15·0	Dec. 26, 27	1·1	Dec. 28	−10·0
Southport	July 17	24·4	July 25	15·0	Dec. 16, 25	0·6	Dec. 28, 29	− 9·4
Poulton-le-Fylde	July 17	28·3	July 25, 30, Aug. 12, Sept. 10, 11	15·6	Dec. 25	0·0	Dec. 28	−11·7
Grizedale	May 30	26·1	July 25	14·4	Dec. 28	0·6	Dec. 28	−12·8
Speke	Aug. 5	25·7	July 18	15·8	Dec. 28	−2·5	Dec. 28	− 7·8
Kirkham	July 17	24·4	July 30, Sept. 10	15·0	Dec. 25, 28	1·1	Dec. 28	−10·0
Garstang	May 31	23·9	May 18, Aug. 17, Sept. 10	15·0	Dec. 28	1·1	Dec. 26, 28	− 7·8
Morecambe	July 17	25·6	July 18, 25, Aug. 27, Sept. 11	15·6	Dec. 25, 28	1·7	Dec. 28	− 9·4
Preston	Aug. 25	24·4	July 14, 30, Aug. 17	15·0	Dec. 26, 28	0·6	Dec. 26	− 7·8
Stonyhurst	May 17, July 17, Aug.25	23·3	July 14, 30	14·4	Dec. 25, 26	0·6	Dec. 26	− 7·8
Helmshore	July 17	22·8	July 8	17·8	Dec. 25	−1·7	Dec. 26	− 8·3
Burnley	May 17, July 17	23·3	July 14, 30, Aug. 17	14·4	Dec. 25	−1·1	Dec. 26	− 8·9
Nelson	May 17, July 17	23·9	July 30	15·0	Dec. 25	−1·1	Dec. 26	− 8·3
Rochdale	July 17, Aug.26	24·4	July 14, 15 Aug. 17, 18, Sept. 11	14·4	Dec. 25	−0·6	Dec. 26	− 8·9
Bidston	Aug. 25	24·4	July 18	16·1	Jan. 17, Dec. 25, 27	1·1	Dec. 28, 29	− 3·9
Winnington	Aug. 26	26·7	July 14, 15, Aug. 17	16·1	Dec 18	1·7	Dec. 26, 28	− 6·1
Knutsford	Aug. 26	26·7	July 15	15·6	Dec. 18	−2·2	Dec. 26	− 8·3
Ringway	Aug. 26	25·0	July 17	16·5	Dec. 28	−1·1	Dec. 26	− 7·3
Macclesfield	Aug. 26	26·1	July 17, 18	15·6	Dec. 25	0·0	Dec. 28	− 7·2
7b NORTH WALES								
Rhyl	May 17, 27	25·0	July 14	16·1	Dec. 27	1·7	Dec. 28	− 7·2
Prestatyn	July 17	25·0	Aug. 24	16·7	Dec. 27	1·7	—	—
Hawarden Bridge	Aug. 26	26·1	Sept. 10, 11	16·1	Feb. 21, Dec. 16, 27	1·1	Dec. 28	−11·1
Valley	May 17, June 12	23·0	Aug. 26	15·4	Dec. 27	2·7	Feb. 20	− 5·5
Colwyn Bay	May 17	23·9	Aug. 24	16·1	Feb. 18	2·2	Feb. 21	− 5·0
Alwen	July 17	22·8	July 14, 31, Aug. 6	13·3	Jan. 16, Dec. 25	0·0	Dec. 29	−14·4
Ruthin	Aug. 26	24·4	July 14	15·6	Dec. 25, 27	1·1	Dec. 28	−10·0
Loggerheads	Aug. 26	23·9	July 14, Aug. 26, Sept. 11	14·4	Feb. 21	−0·6	Dec. 28	−15·0
Bwlchgwyn	June 26, Aug. 26, Sept. 4	21·7	July 18, Aug. 26	13·9	Jan. 16, Feb. 18, 21, Mar. 16	−1·7	Dec. 28	− 8·9
Wrexham	Aug. 5	26·1	July 18	15·6	Jan. 17	0·0	Dec. 28	−10·0
Bardsey Island	May 17	20·5	Aug. 24	15·1	Feb. 20	2·5	Mar. 5	− 1·5
Botwnnog	May 26	23·9	Aug. 17, 26, Sept. 10	15·0	Feb. 19, 20, Dec. 25, 27	2·2	Dec. 28, 29	− 5·6
Bryn Adda	July 17, Sept. 2, 23	24·4	Sept. 14	15·6	—	—	Dec. 28	− 5·0
Cwm Dyli	May 17	25·0	July 18, Aug. 4	15·0	Feb. 18	1·1	Dec. 28	− 6·7
Aber	Sept. 2	23·9	Aug. 25	15·6	Dec. 27	2·8	Dec. 6	− 9·4
Llandudno	May 27	23·9	Aug. 24, Sept. 14	16·7	Dec. 27	1·7	Dec. 28	− 5·6
Llyn Stwlan	May 27	20·6	—	—	—	—	—	—
Corwen	July 17, Aug. 25, 26	23·3	July 31	14·4	Dec. 18	−1·1	Dec. 28	−13·3
Ceinws	May 17, 26, June 26	24·4	July 26, Aug. 3	15·0	Dec. 26	−1·1	Dec. 28, 29	− 9·4
Lake Vyrnwy	May 26, June 26	22·2	July 18	15·0	Jan. 16	−1·1	Dec. 28	−10·0
8a SOUTH WALES								
Aberporth	May 17	23·3	Aug. 24	15·4	Dec. 28	0·7	Dec. 28	− 5·4
Aberystwyth	May 17	26·7	May 31	13·9	Feb. 20	2·2	Jan.14,17, Feb. 6, 21	− 4·4
Aberystwyth P.B.S.	May 17, Aug. 27	24·4	Aug. 18	15·6	Feb. 19, Dec. 25, 27	1·7	Feb. 21	− 7·2
Gogerddan	May 17	25·6	Sept. 14	16·1	Feb. 19, 20, Dec. 25	2·2	Feb. 6	− 7·2
Swyddffynnon	Aug. 4, 5	23·9	July 22	17·2	Feb. 20	0·6	Dec. 29	− 8·3
Trawscoed	May 17	24·4	July 14, 26, Aug. 17	15·6	Jan. 13, Feb. 20	1·7	Feb. 6	− 8·3
Llety-Evan-Hen	May 17	22·8	Aug. 26	14·4	Jan. 13, Feb. 20	−0·6	Dec. 29	− 7·8
Cwmystywyth	May 17, 26	22·2	Aug. 26	15·6	Feb. 18	−1·1	Dec. 29	−11·1
Dale Fort	Aug. 4	24·4	July 17, Aug. 2, 26, Sept. 10, 14	15·6	Feb. 19	2·8	Jan. 14	− 3·9
Brawdy	July 17	22·2	July 17, 24, Aug. 6, 24	14·4	Jan. 13, Feb. 19, 20	1·7	Jan. 14, Dec. 28	− 7·2
Haverfordwest	Aug. 4	26·1	July 17, 24, Aug. 24	15·6	—	—	—	—
Carmarthen	May 26, July 17, Aug. 4, 5	25. 0	July 18, 26, Aug. 2, 17	15·6	Jan. 13, Feb. 19, 20	2·2	Feb. 6	− 7·2
Llandrindod Wells	July 26, Aug. 5	25·0	July 18	16·1	Dec. 15	−2·8	Dec. 29	−13·9
Llwynon	Aug. 4	23·9	Aug. 2	15·0	Jan. 13, Feb. 19	0·0	Dec. 29	−12·2
Mumbles	July 17	24·2	July 17, Aug. 26	16·3	Dec. 28	0·5	Dec. 28	− 4·0
Swansea	May 26	25·6	July 18	17·2	Feb. 20	1·7	Feb. 6	− 3·9
Port Talbot	July 17	25·6	July 19, Aug. 2	16·7	Feb. 20	1·7	Dec. 29	− 6·1
Neath	May 26, July 17, Aug. 4	24·4	July 18	16·7	Mar. 7	2·2	Dec. 29	− 7·8
Rhoose	July 17	25·0	Aug. 2	15·9	Dec. 28	−2·1	Dec. 29	− 7·9
Cardiff	Aug. 5	25·6	July 18	16·7	Jan. 17	0·0	Dec. 29	− 8·3
Tredegar	Aug. 5	23·9	July 18	15·6	Feb. 20	−1·1	Dec. 29	− 8·9
Newport	Aug. 5	26·1	Aug. 3	18·3	Dec. 16	−0·6	Dec. 29	− 8·9
Usk	Aug. 5	25·6	Aug. 2	17·2	Dec. 27	0·0	Dec. 29	−12·2
Crumbland	Aug. 5	24·4	July 18	16·1	Jan. 13	−1·1	Jan. 14	− 7·8
8b ENGLAND, S.W.								
Hawkridge	July 17	23·9	—	—	Jan. 13, Feb. 19	−1·1	Dec. 29	−10·0
Cannington	Aug. 5	27·2	July 18, Aug. 2	16·7	Jan. 13	0·6	Feb. 6	− 9·4
Weston-super-Mare	Aug. 4	25·6	July 18	17·2	Jan. 12, 13	1·7	Dec. 29	− 6·1
Long Ashton	July 17	26·7	July 18, Aug. 2	16·1	Jan. 12, 13	1·1	Dec. 29	− 7·8
Wincanton	July 17	27·8	Aug. 2	15·6	Dec. 25, 28	−1·7	Dec. 29	−11·1
Bath City Boys' School	Aug. 26	27·2	July 18	17·2	Jan. 12, 13	0·6	Dec. 29	− 7·2
Lyme Regis	Aug. 27, Sept. 4	25·0	Aug. 2, 4	16·1	Jan. 12	1·1	Dec. 29	− 6·1
Portland Bill	July 1	25·1	Aug. 2	16·8	—	—	—	—
Weymouth	July 26, Aug 2, 4, 5	26·1	Aug. 4, 17	16. 7	Jan. 12, 13	1·7	Dec. 26, 29	− 5·0
Winfrith	Aug. 2	25·6	July 15, 30, Aug. 17	15·6	Jan. 12	1·1	Dec. 29	− 9·4
Shaftesbury	July 17	26·7	July 18	16·1	Jan. 13	−0·6	Dec. 29	− 8·3
Swanage	Aug. 2	27·2	Aug. 4	17·2	Jan. 12, Dec. 25	2·2	Dec. 26, 29	− 5·6
Poole	July 17, 26, Aug. 3, 4	25·6	June 26, Aug. 2, 17	16·7	Jan. 12, 13	1·7	Dec. 29	− 7·8
Clawton	Aug. 4	25·6	Aug. 2	13·3	Jan. 13	−0·6	Feb. 7	− 9·4
Hartland Point	Aug. 25	22·6	July 17	15·8	Jan. 13	0·5	Dec. 29	− 3·1
Mount Batten	Sept. 4	24·6	Aug. 2	16·3	Dec. 28	1·1	Dec. 29	− 5·7
Plymouth Hoe	Aug. 4	23·9	Aug. 2	16·7	Jan. 12, 13	2·2	Dec. 29	− 5·0
Tavistock	—	—	Aug. 2	15·6	Jan. 12	0·6	Dec. 29	− 7·8
Chivenor	Aug. 25	25·4	Aug. 2	16·2	Jan. 13	1·5	Dec. 28	− 5·4
Ilfracombe	Aug. 25	25·0	July 18	16·7	Jan. 14	1·7	Jan. 14, Dec. 29	− 2·2
Totnes	July 17	26·7	Aug. 2	16·7	Jan. 12, 13, Mar. 7	2·2	Dec. 29	− 8·3
Slapton	July 21, 22, Aug. 5	25·0	July 17	17·2	Jan. 12, Mar. 7	1·7	Dec. 29	− 4·4
Newton Abbot	Aug. 5	25·6	July 16, Aug. 2	16·1	Jan. 12, 13, Mar. 7	1·7	Dec. 29	− 7·2
Paignton	Aug. 5	25·6	July 18, Aug. 2	17·2	—	—	Dec. 29	− 5·0
Torquay	June 30, July 2	25·0	Aug. 2	17·2	Jan. 12, Mar.7	2·2	Dec. 29	− 4·4
Teignmouth	Aug. 3	24·4	July 18, Aug. 2	17·2	Jan. 12, Feb. 6	1·7	Dec. 29	− 5·0
Starcross	Aug. 3	25·0	Aug. 2	16·7	Jan. 12	1·7	Dec. 29	− 6·7
Exeter, Southam	Aug. 5	26·7	July 18	15·6	—	—	—	—
Exmouth	Aug. 3	25·0	July 18, Aug. 2	16·1	Jan. 12, 13	1·7	Dec. 29	− 5·6
Exeter	Aug. 5	26·6	Aug. 2	16·4	Dec. 28	−0·4	Dec. 29	− 8·2
St. Mary's, Scilly	Aug. 5	23·3	Aug. 24	15·7	Mar.7	4·0	Mar. 8	− 1·2

TABLE V (continued) [FIRST PUBLISHED 1913]—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1964 FOR EACH STATION

* DISTRICT AND PLACE	WARMEST DAY Highest Maximum and date	°C	WARMEST NIGHT Highest Minimum and date	°C	COLDEST DAY Lowest Maximum and date	°C	COLDEST NIGHT Lowest Minimum and date	°C
8b ENGLAND, S.W.—cont.								
Penzance	July 17, 23, Aug. 5	22·8	July 18, 31, Aug. 6, 24, Sept. 9, 10	15·6	Jan. 13 Mar. 7	3·3	Dec. 29	− 3·3
Gulval	July 23	24·4	Aug. 6, 24, Sept. 10	16·1	Jan. 13	2·2	Mar. 9	− 2·8
Culdrose	Aug. 25	22·8	Aug. 17	16·1	Mar 7	2·2	Dec.28,29	− 5·0
Rosewarne	Aug. 4	22·8	Aug. 17, Sept. 9, 10	15·6	Jan. 13	2·2	Mar. 9	− 5·6
Lizard	July 2	23·5	Aug. 17	15·5	Mar. 7	2·1	Dec. 28	− 3·3
Falmouth	July 17	23·9	Aug. 17, 24, Sept. 9	15·6	Dec. 28	1·1	Dec. 29	− 4·4
Newquay	Aug. 4, 26	23·3	July 24, Aug. 17	16·1	Jan. 13	1·7	Dec. 29	− 3·9
St. Mawgan	May 31	22·9	Aug. 17	15·5	Dec. 28	−0·2	Dec. 29	− 4·5
St. Austell	July 17	24·4	Aug. 2, 17	15·6	Mar. 7	0·0	Dec. 29	− 3·3
Fowey	July 17	25·0	Aug. 2, Sept. 26	16·7	Jan. 13	2·8	Feb. 8	− 3·3
Bude	Aug. 25, Sept. 2	23·9	July 24, Aug. 2	16·1	Jan. 13	1·1	Dec. 28	− 6·1
Ellbridge	July 17, Sept. 4	26·1	Aug. 2, 17, Sept. 10, 14	15·6	—	—	Dec. 29	− 6·7
9 NORTHERN IRELAND								
Loughermore Forest	July 30	21·7	Aug. 5	13·9	Dec. 25	1·1	Mar. 8	− 6·1
Ballykelly	July 30	22·5	Sept. 10	15·0	Dec. 25	2·2	Mar. 8	− 5·3
Derrynoyd Forest	July 30, Aug. 4	22·8 (22·8)	July 24, Sept. 10	14·4	Dec. 25, 27	1·7	Feb. 9	− 4·4
Somerset Forest	July 30	22·8	July 30, Aug. 4, Sept. 10	14·4	Dec. 27	1·7	Feb. 8, Mar. 8	− 3·9
Garvagh Forest	July 30	23·3	July 24, Aug. 4, 24, Sept. 9, 10	13·9	Dec. 27	1·1	Feb. 8, Mar. 8	− 3·9
Moneydig	Aug. 4	24·2	Sept. 10	14·7	Dec. 27	1·4	Mar. 8	− 5·2
Lisnafillan	Aug. 3, 4	22·8	July 30, Aug. 5, Sept. 10	14·4	Dec. 25	0·6	Feb. 8	− 5·6
Aldergrove	Aug. 4	24·2	Aug. 5	15·1	Dec. 25	0·1	Dec. 25	− 5·6
Greenmount	Aug. 3, 4	23·3	Aug. 5	15·6	Dec. 25	1·1	Mar. 7, Dec. 25	− 5·0
Black Mountain	Aug. 4	21·2	Aug. 5	13·2	Dec. 25	−0·4	Dec. 25	− 4·5
Ballypatrick Forest	Aug. 4	21·1	Aug. 5	14·4	Dec. 25	1·1	Mar. 8	− 3·9
Larne	July 30, Aug. 3	22·8	Aug. 3, 4	15·0	Dec. 25, 26	2·8	Feb. 8, Mar. 7	− 2·8
Kilroot	July 30, Aug. 4	22·2	Aug. 4	15·0	Dec. 25	1·7	Mar. 7	− 2·8
Newry Abbey	Aug. 3	23·3	Aug. 5	15·6	Dec. 25, 27	1·7	Feb. 8	− 6·1
Hillsborough	Aug. 4	22·2	Aug. 5, Sept. 10	15·0	Dec. 25, 26	1·1	Dec. 28	− 3·9
Kilkeel	Aug. 3	23·2	July 23	14·9	Dec. 26	3·1	Feb. 6	− 2·0
Tollymore Park	Aug. 4	23·9	Aug. 4	15·0	Feb. 18, Dec. 27	2·2	Mar. 7, 8, Apr. 3, Dec. 25	− 2·2
9 NORTHERN IRELAND.—cont.								
Stormont Castle	Aug. 3	23·3	July 24, Aug. 3, 5, Sept. 10	14·4	Dec. 25, 26	1·7	Dec. 25, 27	− 2·8
Crossgar	Aug. 3	23·9	Sept. 10	15·6	Dec. 25	2·2	Dec. 28, 29	− 4·4
Creighton's Green	—	—	—	—	Dec. 25	0·6	Dec. 27	− 3·3
Helen's Bay	Aug. 4	23·9	Aug. 5	15·6	Dec. 25	1·1	Dec.28,29	− 1·7
Killough	Aug. 3	22·5	Aug. 3	15·0	Dec. 25	1·0	Dec. 25	− 2·5
Armagh	Aug. 4	24·4	Aug. 5	15·6	Dec. 25	1·1	Nov. 9, 10	− 4·4
Loughgall	Aug. 4	23·3	Aug. 5, Sept. 10	15·6	Nov. 9, Dec. 25	1·7	Feb. 8, 9, Mar. 7, 8, Dec. 25	− 4·4
Glenanne	Aug. 4	22·5	Sept. 10	15·0	Dec. 25	0·5	Nov. 10	− 4·5
Lough Bradan	July 30, Aug. 4	21·7	Aug. 4	11·7	Dec. 25	0·6	Nov. 10	− 6·1
Baronscourt Forest	May 26	22·8	Aug. 4, 5	14·4	Dec. 25	0·6	Feb. 8	− 6·7
Carrigans	July 30	22·3	July 18, Sept. 10	14·6	Dec. 25	1·0	Feb. 9	− 4·3
Lislap Forest	July 30, Aug. 11	21·1	Sept. 10	13·9	Dec. 25	1·1	Dec. 25	− 5·0
Knockmany Forest	Aug. 4	22·8	Aug. 4, Sept. 10	14·4	Dec. 25, 27	1·7	Feb. 8, 9	− 7·2
Pomeroy Forest	Aug. 4	22·8	Sept. 10	13·9	Dec. 25	1·1	Feb. 8, 9, Dec. 15, 25	− 3·3
Cookstown	Aug. 4	22·2	Sept. 10	14·4	Dec. 25	1·1	Feb. 9	− 4·4
Roscor	May 27	22·2	July 24, 30, Aug. 2, 5	13·3	Feb. 20, Dec. 25, 27	2·2	Mar. 8, Dec. 25, 29	− 3·3
Lough Navar Forest	Aug. 4	22·8	July 24, Aug. 4, 5	13·9	Feb. 20	1·1	Feb. 8, Mar. 7	− 4·4
Ely Lodge	July 30	22·5	Sept. 10	14·8	Feb. 20, Dec. 25	2·1	Feb. 8, 9	− 3·7
Castle Archdale Forest	July 30	22·2	July 18	14·4	Feb. 20, Dec. 25, 27	1·7	Feb. 9	− 5·6
Pubble Forest	July 30, Aug. 4	22·2	Sept. 10	14·4	Dec. 25	1·1	Feb. 8, 9	− 7·2
CHANNEL ISLES								
Guernsey	Aug. 26	26·2	July 17	17·4	Jan. 13	1·0	Jan. 13, Mar. 7, Dec. 28	− 2·0
Alderney	Aug. 25	25·0	July 17, Aug. 4	16·1	—	—	Jan. 14, Mar. 7, 8	− 2·2
Jersey Airport	Aug. 27	28·0	July 17	18. 2	Jan. 12	1·2	Jan. 23	− 2·6
St. Helier	Aug. 26	29·4	Aug. 26	17·8	Jan. 12	1·1	Dec. 28	− 2·8

* For Counties, terminal hours of observation and altitudes see Table III

TABLE VI—MONTHLY FREQUENCIES of sunshine for twenty stations:-

Number of days in each month of 1964 on which the DURATION OF SUNSHINE was:-

(i) nil (ii) 3 hr or less (iii) more than 3 hr but not more than 6 hr (iv) between 6 and 9 hr (v) more than 9 hr

STATION	JANUARY Sunless	0-1-3·0 hr.	3·1-6. 0 hr.	6·1-9·0 hr.	> 9·0 hr.	FEBRUARY Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	MARCH Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.
Lerwick Observatory	17	11	3	0	0	9	15	5	0	0	12	11	3	2	3
Stornoway	13	13	4	1	0	8	11	5	3	0	6	9	6	9	1
Craibstone	10	12	9	0	0	11	7	5	6	0	18	8	4	1	0
Rothesay	16	8	7	0	0	15	5	6	3	0	13	8	6	4	0
Renfrew	19	9	3	0	0	8	10	9	2	0	12	12	4	3	0
Eskdalemuir Observatory	15	10	3	3	0	9	10	7	3	0	13	11	2	4	1
Douglas	16	9	6	0	0	11	9	5	4	0	15	5	6	4	1
Cockle Park	13	8	8	2	0	12	10	5	2	0	23	2	5	1	0
Gorleston	15	8	5	3	0	12	7	4	6	0	15	10	2	4	0
Cambridge (N.I.A.B.)	16	9	6	0	0	15	4	6	4	0	16	8	4	1	2
Birmingham	16	9	5	1	0	10	13	4	2	0	16	8	2	4	1
Kew Observatory	19	6	4	2	0	14	5	5	5	0	13	10	2	4	2
Hastings	18	8	3	2	0	11	8	6	4	0	11	8	5	6	1
Southampton	21	6	2	2	0	10	11	6	2	0	9	16	3	2	1
Stonyhurst	16	11	2	2	0	9	9	9	2	0	13	12	3	2	1
Bidston Observatory	14	10	7	0	0	10	8	8	3	0	13	10	6	2	0
Holyhead (Valley)	15	10	2	4	0	6	9	9	4	1	7	8	7	5	4
Falmouth	14	9	7	1	0	8	11	5	5	0	9	13	4	4	1
Aldergrove	15	12	4	0	0	9	10	6	4	0	10	10	5	5	1
Armagh	16	12	3	0	0	5	14	6	4	0	9	13	5	3	1

STATION	APRIL Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	MAY Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	JUNE Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.
Lerwick Observatory	6	12	6	5	1	3	9	8	5	6	2	9	7	4	8
Stornoway	1	10	10	7	2	2	11	7	6	5	4	8	3	9	6
Craibstone	4	11	4	8	3	2	10	7	5	7	0	6	8	7	9
Rothesay	7	3	10	8	2	4	7	8	7	5	4	6	6	8	6
Renfrew	3	12	6	8	1	4	5	7	8	7	2	6	5	8	9
Eskdalemuir Observatory	3	17	4	4	2	6	7	6	4	8	4	6	11	6	3
Douglas	4	10	4	4	8	4	7	5	6	9	6	3	3	7	11
Cockle Park	4	13	5	6	2	3	6	6	5	11	4	9	6	5	6
Gorleston	4	7	7	7	5	1	6	3	5	16	2	7	8	5	8
Cambridge (N.I.A.B.)	4	12	5	6	3	1	8	3	11	8	3	10	3	7	7
Birmingham	5	10	10	5	0	0	10	9	4	8	18	7	3	1	1
Kew Observatory	6	6	10	3	5	1	6	7	9	8	3	8	6	3	10
Hastings	4	5	9	5	7	1	6	7	4	13	3	6	4	4	13
Southampton	5	7	8	6	4	0	9	6	8	8	4	8	5	4	9
Stonyhurst	3	13	9	3	2	4	5	6	8	8	2	13	6	5	4
Bidston Observatory	1	9	11	5	4	2	9	3	6	11	3	7	5	11	4
Holyhead (Valley)	0	14	4	6	6	4	5	7	6	9	5	5	4	6	10
Falmouth	1	13	5	6	5	4	11	4	2	10	4	6	4	7	9
Aldergrove	0	13	7	8	2	3	8	9	4	7	3	9	7	5	6
Armagh	0	13	8	8	1	2	6	8	12	3	3	12	6	6	3

STATION	JULY Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	AUGUST Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	SEPTEMBER Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.
Lerwick Observatory	5	13	7	1	5	6	15	3	4	3	8	7	8	4	3
Stornoway	4	9	11	2	5	8	7	3	8	5	6	15	3	5	1
Craibstone	3	7	4	7	10	7	10	2	6	6	3	19	10	3	4
Rothesay	5	9	6	6	5	10	3	6	4	8	6	10	5	4	5
Renfrew	1	11	6	9	4	6	8	9	2	6	3	9	9	5	4
Eskdalemuir Observatory	3	8	10	5	5	3	12	9	3	4	3	8	7	9	3
Douglas	3	11	2	8	7	3	7	7	6	8	3	7	7	9	4
Cockle Park	4	6	11	4	6	—	—	—	—	—	3	6	8	10	3
Gorleston	0	7	6	7	11	1	4	9	6	11	0	5	7	11	7
Cambridge (N.I.A.B.)	0	8	5	9	9	2	5	6	8	10	0	4	10	8	8
Birmingham	1	9	7	5	9	1	10	3	9	8	0	6	10	11	3
Kew Observatory	0	3	9	11	8	1	6	5	6	13	0	1	8	12	9
Hastings	2	2	7	9	11	3	4	5	5	14	0	5	4	9	12
Southampton	1	2	15	6	7	1	9	4	7	10	0	3	7	12	8
Stonyhurst	2	13	7	5	4	0	14	3	4	10	2	9	9	6	4
Bidston Observatory	2	11	5	6	7	2	7	9	4	9	0	8	8	9	5
Holyhead (Valley)	0	9	11	7	4	1	7	9	5	9	1	7	9	6	7
Falmouth	2	8	6	4	11	1	6	7	7	10	1	5	7	10	7
Aldergrove	1	17	8	3	2	5	9	7	5	5	3	9	6	11	1
Armagh	0	16	9	5	1	4	10	6	4	7	1	11	7	9	2

STATION	OCTOBER Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	NOVEMBER Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.	DECEMBER Sunless	0-1-3·0 hr.	3·1-6·0 hr.	6·1-9·0 hr.	> 9·0 hr.
Lerwick Observatory	12	12	6	1	0	10	14	6	0	0	15	16	0	0	0
Stornoway	9	11	6	1	4	11	16	3	0	0	14	16	1	0	0
Craibstone	8	11	8	4	0	5	14	9	2	0	10	16	5	0	0
Rothesay	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Renfrew	7	12	8	4	0	15	9	6	0	0	13	12	6	0	0
Eskdalemuir Observatory	11	8	8	3	1	12	10	3	5	0	15	11	5	0	0
Douglas	8	13	6	4	0	8	9	9	4	0	14	8	9	0	0
Cockle Park	6	15	9	1	0	10	6	13	1	0	11	13	6	1	0
Gorleston	6	5	11	8	1	9	8	9	4	0	14	11	6	0	0
Cambridge (N.I.A.B.)	5	10	5	10	1	14	6	7	3	0	17	8	4	2	0
Birmingham	5	10	6	9	1	8	17	3	2	0	12	9	8	2	0
Kew Observatory	6	6	8	10	1	10	14	2	4	0	14	9	5	3	0
Hastings	0	3	5	13	1	11	9	5	5	0	14	10	4	3	0
Southampton	8	5	6	2	0	12	12	2	4	0	13	8	8	2	0
Stonyhurst	4	13	6	6	2	12	12	3	3	0	13	10	6	2	0
Bidston Observatory	4	9	11	7	0	11	8	11	0	0	10	11	9	1	0
Holyhead (Valley)	5	15	6	3	2	8	10	7	5	0	13	12	6	0	0
Falmouth	9	6	8	5	3	13	13	3	1	0	13	9	7	2	0
Aldergrove	12	11	6	2	0	9	8	9	4	0	13	13	5	0	0
Armagh	11	11	5	4	0	9	12	7	2	0	12	14	5	0	0

TABLE VII [First published 1914] Number of Days in 1964 with Rainfall between given limits

STATION	0 in. 0-0·1 mm.	·01-·04 in. 0·2-1·0 mm.	·05-·20 in. 1·1-5·0 mm.	·21-·40 in. 5·1-10·0 mm.	·41-·60 in. 10·1-15·0 mm.	·61-·80 in. 15·1-20·0 mm.	·81-1·00 in. 20·1-25·1 mm.	> 1·01 in. > 25·1 mm.
Lerwick Observatory	106	76	108	40	22	6	8	1
Stornoway	116	67	99	58	18	2	4	2
Fort William	138	59	71	48	21	13	8	8
Nairn	—	—	—	—	—	—	—	—
Craibstone	167	100	66	22	5	1	1	4
Leuchars	210	51	73	21	6	3	1	1
Rothesay	140	63	75	49	17	14	3	5
Renfrew	172	47	94	29	15	5	1	3
Eskdalemuir Observatory	156	46	82	39	20	9	7	7
Douglas	196	46	62	27	22	3	6	4
Cockle Park	197	69	67	23	6	3	0	2
Scarborough	218	52	75	16	4	0	1	0
Cranwell	225	51	67	17	5	0	0	1
Gorleston	222	52	56	22	6	5	1	2
Cambridge	228	53	59	16	7	1	0	2

STATION	0 in. 0-0·1 mm.	·01-·04 in. 0·2-1·0 mm.	·05-·20 in. 1·1-5·0 mm.	·21-·40 in. 5·1-10·0 mm.	·41-·60 in. 10·1-15·0 mm.	·61-·80 in. 15·1-20·0 mm.	·81-1·00 in. 20·1-25·0 mm.	1·01 in. > 25·1 mm.
Shoeburyness	233	36	67	17	7	2	0	1
Birmingham	199	70	58	29	6	1	1	2
Ross-on-Wye	214	51	70	24	5	1	1	0
Kew Observatory	234	43	58	21	2	2	3	3
Hastings	220	48	51	30	13	2	0	2
Southampton	219	53	55	25	8	3	2	1
Moor House	124	64	85	40	19	11	11	12
Stonyhurst	190	38	70	37	16	6	3	6
Bidston Observatory	205	48	86	18	3	3	2	1
Holyhead (Valley)	198	46	67	31	9	7	4	4
Llandrindod Wells	182	58	76	27	17	4	0	2
Long Ashton	219	49	54	24	13	5	2	0
Falmouth	203	47	58	29	14	6	6	3
Aldergrove	162	57	98	31	12	3	2	1
Armagh	163	63	94	31	9	2	0	4

TABLE VIII–NUMBER OF DAYS IN 1964 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits. [First published 1913].

STATION	MAXIMUM TEMPERATURE °C								MINIMUM TEMPERATURE °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°
Lerwick Observatory	2	45	164	148	7	0	0	0	0	0	0	28	137	184	17	0
Stornoway	1	18	127	176	44	0	0	0	0	0	0	32	117	176	41	0
Craibstone	1	60	104	116	75	9	1	0	0	0	1	42	158	134	31	0
Rothesay	0	29	116	130	89	2	0	0	0	0	0	15	134	144	73	0
Renfrew	2	33	95	115	99	22	0	0	0	0	5	37	121	130	73	0
Eskdalemuir Observatory	2	66	101	101	82	14	0	0	0	2	15	63	130	113	43	0
Douglas	0	25	126	121	89	5	0	0	0	0	0	14	112	153	87	0
Cockle Park	1	56	98	100	96	15	0	0	0	0	4	39	138	134	51	0
Gorleston	0	66	69	88	102	37	4	0	0	0	1	24	119	114	92	16
Cambridge	1	62	60	83	68	79	12	1	0	0	8	57	112	109	73	7

STATION	MAXIMUM TEMPERATURE °C								MINIMUM TEMPERATURE °C							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0
Edgbaston	4	57	81	62	87	53	2	0	0	0	2	34	106	130	91	3
Kew Observatory	0	41	76	86	84	68	11	0	0	0	1	24	99	122	97	23
Hastings	0	47	86	91	102	39	1	0	0	0	0	24	108	107	109	18
Southampton	0	29	72	94	82	83	6	0	0	0	2	34	106	115	98	11
Stonyhurst	0	48	87	109	98	24	0	0	0	0	5	52	117	120	72	0
Bidston	0	47	87	111	94	27	0	0	0	0	0	26	109	120	107	4
Valley	0	10	99	133	103	21	0	0	0	0	2	16	85	147	114	2
Falmouth	0	14	87	129	118	18	0	0	0	0	0	24	76	146	117	3
Aldergrove	0	29	99	113	103	22	0	0	0	0	1	34	128	130	72	1
Armagh	0	24	95	109	115	23	0	0	0	0	0	40	126	128	71	1

TABLE IX [First published 1914] Distribution of Winds of stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1964

	DISTRICT AND STATION	Distribution of Mean Hourly Values of Wind Speed									Mean Hourly Wind Speed	Highest Velocities								
		34 knots or more			22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind					Highest Gust			
		No. of Days	Duration 1964	Duration Average	No. of days	Duration	Duration	Duration	Duration	Duration		veer from N.	Speed	Hour ended at			Speed	Day and Time		
			hr.	hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	Month	Day	Hour	knots	Month	Day	Hour
	SCOTLAND																			
0	Lerwick Observatory	28	175	240	172	1409	3737	2768	695	0	13·8	240	47	December	12	11	68	November	26	2205
	Kirkwall	14	93	79	123	1045	4082	2832	732	0	12·9	270	50	February	1	04	74	February	1	0330
	Dounreay	19	132	—	144	1178	4236	2938	127	173	14·0	150	47	March	14	15	74	December	2	1305
	Shin	4	6	—	52	221	2439	2937	3151	30	7·5	230	43	May	12	17	69	May	12	1620
	Stornoway (Coastguard)	45	247	220	185	1693	3926	1862	1056	0	14·8	190	52	January	2	11	75	February	1	0225
	Duirinish	19	97	—	119	785	3397	3213	1164	128	11·3	180 270	45	January February	2 1	09 01	(70	January December	31 8	2255 2225)
	Benbecula	35	237	145	177	1723	4335	2079	410	0	15·6	170	51	January	2	24	77	February	1	0040
1	Lossiemouth	4	4	—	84	417	2809	3435	2094	25	9·0	200	36	December	31	01	62	November	16	1710
	Dyce	1	1	6	59	237	2978	3376	2192	0	8·5	210	34	September	25	06	54	September	25	0420
	Auchterhouse	2	2	—	59	247	2848	3761	1705	221	9·0	250 270	34	January February	31 1	24 13	57	December	8	2225
	Bell Rock Lighthouse	43	257	295	202	1842	4181	1705	799	0	15·7	130	48	March	14	14	62	March	14	1450
	Leuchars	2	13	8	89	532	3216	3903	1120	0	10·3	110	40	March	14	13	57	January	31	2055
	Turnhouse	5	7	—	83	495	3289	3589	1404	0	10·1	190	41	December	12	01	73	December	11	2350
	Edinburgh, Blackford Hill	36	107	16	140	1084	3560	2843	913	277	12·5	(180	60	December	12	01)	(88	December	12	0120)
6a	Tiree	51	377	115	199	2001	4044	1517	845	0	16·2	210	45	December	8	22	72	December	8	2145
	Paisley	0	0	0·9	22	79	1683	4337	2685	0	6·7	260	32	September	11	14	62	September	11	1305
	Renfrew	0	0	4	48	203	2888	3940	1753	0	8·6	220	32	February	3	03	58	February	1	0025
	Lowther Hill	83	508	—	239	2342	4097	1533	215	89	18·2	310	58	December	8	02	84	February	1	0025
	Prestwick Airport	0	0	9	42	222	3479	3908	1175	0	9·7	100	33	March	14	10	56	December	8	0020
	Eskdalemuir Observatory	1	3	26	48	167	1542	3637	3431	4	6·3	200	38	December	7	24	69	December	8	0155
	West Freugh	7	20	—	75	478	3376	3656	1254	0	10·2	300	40	December	8	01	64	December	7	2345
	ENGLAND and WALES																			
6b	Ronaldsway	34	215	—	154	1421	3931	2536	681	0	14·2	250	56	December	7	24	77	December	7	2215
	Point of Ayre	12	63	57	127	1062	4575	2708	376	0	13·5	260	42	December	8	01	67	December	7	2350
2	Durham	2	5	5	41	183	2780	3907	1838	71	8·6	260 250	37	February December	1 8	09) 03	(75	December	8	0155)
	South Shields	3	11	12	47	271	2973	4120	1409	0	9·2	130	37	March	14	14	59	December	8	0045
	Cranwell	0	0	3	50	221	2864	4221	1431	47	9·1	240	31	May	7	22	52	May	7	2210
3	Mildenhall	0	0	3	16	61	1938	4443	2342	0	7·1	220	28	December	13	08	52	May	7	2140
	Bedford	0	0	—	29	135	2863	4469	1230	87	8·8	(200	30	December	9	02)	(50	December	9	0200)
	Cardington	4	15	20	64	427	3972	3480	886	4	10·9	180	37	December	7	24	60	December	7	2325
	Garston	0	0	—	2	3	836	5803	2142	0	5·9	270	23	November	16	07	49	December	8	0135
	Rothamsted	0	0	0	1	5	968	4913	2789	109	5·6	210	22	December	9	05	47	November	16	0535
	Stansted	0	0	—	12	55	2696	4680	1259	94	8·4	(210	27	December December	9 30	01) 13	(46	December	9	0215)
	Coryton	0	0	0	12	27	2289	4840	1179	449	8·1	270	26	December	13	05	53	December	8	0150
	Shoeburyness	12	65	26	105	735	3915	3472	564	33	12·1	210	41	December	8	02	62	October	7	1010
4	Sheffield	0	0	—	4	8	777	3656	4318	25	4·5	280	26	February	1	05	64	February	1	0455
	Edgbaston	0	0	0·7	6	18	1040	6337	1389	0	6·6	200 270	26	October November	7 16	06 07	47	December	3	0405
	Elmdon	0	0	—	33	133	2877	4400	1374	0	8·7	310	32	March	25	14	59	December	3	0315
	Amersham	0	0	—	4	19	980	5793	1794	198	6·4	200	24	December	9	05	48	December	9	0315
	Keele	0	0	0·1	8	28	1472	4343	2941	0	6·2	210	28	December	7	21	53	December	3	0315
5	Kingsway	0	0	0	3	4	1897	5605	1278	0	7·6	210 200 220	22	September October December	16 7 30	16 09 14	57	December	8	0220
	London (Heathrow) Airport	0	0	—	26	95	2543	5112	1034	0	8·6	200	32	December	7	22	49	December	7	2150
	Hampton	0	0	0	10	50	1839	4233	2662	0	6·6	220	30	December	9	01	54	December	7	2315
	Kew Observatory	0	0	0·1	7	34	2212	4753	1785	0	7·6	230	27	December	9	01	52	December	9	0020

TABLE IX (continued)—[First Published 1914] Distribution of Winds of stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1964

DISTRICT AND STATION	Distribution of Mean Hourly Values of Wind Speed									Mean Hourly Wind Speed	Highest Velocities							
	34 knots or more			22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind					Highest Gust			
	No of Days	Duration 1964	Duration Average	No of days	Duration	Duration	Duration	Duration	Duration		veer from N.	Speed	Hour ended at			Speed	Day and Time		
		hr.	hr.		hr.	hr.	hr.	hr.	hr.	knots	°	knots	Month	Day	Hour	Knots	Month	Day	Hour
ENGLAND AND WALES—cont.																			
Gatwick	0	0	—	18	82	1803	4515	2384	0	6·9	220	32	December	13	08	55	December	13	0750
Isle of Grain	0	0	2	21	77	1791	3517	3322	77	6·3	180	30	April	21	07	50	December	13	0720
Dover	0	0	15	45	246	2540	3899	1931	168	8·5	200	30	October	7	09	(56	December	9	0035)
Thorney Island	0	0	0·7	15	59	2043	3862	2820	0	6·9	210	29	December	8	01	46	May December	7 8	2000 0020
Hurn	0	0	—	23	95	2822	4256	1611	0	8·5	220	28	December	13	07	50	December	13	0715
Calshot	0	0	17	41	243	4206	3940	395	0	11·1	190	32	December	7	24	43	December	13	0440
S. Farnborough	0	0	4	18	71	2409	4308	1996	0	7·9	250	29	September	16	16	(48	December	30	1240)
Abingdon	0	0	0·1	19	69	2893	3353	2301	168	8·0	250	28	September	16	15	43	September December	16 9	1340 0330
Larkhill	0	0	4	30	144	2559	3955	2126	0	8·1	290	28	August	1	16	53	December	8	0025
Boscombe Down	1	1	5	32	183	2905	3978	1717	0	8·7	230	34	December	13	05	51	December	8	0035
Porton	0	0	2	28	120	1996	3325	3343	0	6·7	210	32	December	8	24	53	December	30	1140
7a Carlisle	1	2	—	49	231	2686	3881	1984	0	8·4	220	37	December	7	24	60	December	8	0135
Sellafield	4	6	11	58	355	3326	4094	859	144	10·3	260	41	December	8	01	63	December	8	0020
Spadeadam	3	4	—	70	366	3406	3776	1175	57	10·2	(170	35	December	8	01)	(65	December	8	0140)
Great Dun Fell	104	811	—	247	2588	3390	1181	529	285	19·2	(230	68	December	7	24)	(94	December	7	2330)
Moor House	38	142	—	178	1634	3962	2215	603	228	14·8	(270	44	February	4	12)	(65	December	7	2325)
Squires Gate	10	26	—	115	958	4296	2972	532	0	13·0	250	44	December	8	01	65	December	8	0010
Southport	1	1	83	54	414	2458	3176	2635	100	8·3	260	35	December	8	01	55	December	3	0230
Speke	2	2	22	53	350	3347	4028	1057	0	10·0	230	35	December	7	24	57	December	3	0320
Manchester W/Centre	0	0	—	14	37	2036	4869	1842	0	7·5	200	28	December	7	23	66	November	16	0535
Bidston Observatory	4	6	34	65	404	3359	4111	738	166	—	260	36	September	16	16	66	December	8	0030
Ringway	0	0	9	37	128	2496	4042	2118	0	8·0	260 190	30	November December	16 7	07 23	59	December	7	2256
7b Valley	26	164	69	163	1508	3885	2582	645	0	14·1	210	50	December	7	22	70	December	7	2200
8a Aberporth	12	43	34	149	1288	4034	2634	785	0	13·3	110	39	March	17	03	(61	December	12	0145)
Brawdy	16	56	—	113	933	3991	2930	857	17	12·5	200	42	December	7	18	65	August	17	1310
Port Talbot	1	1	10	61	406	3328	3641	1408	0	9·9	250	35	September	16	12	56	June	1	0705
Rhoose	4	7	—	72	470	3576	4293	438	0	10·9	270	38	September	16	13	59	December	13	0805
8b Plymouth Hoe	6	15	44	59	343	2849	3475	2102	0	8·9	—	(41)	November	15	24	(51	December	7	1905)
St. Mary's, Scilly	20	91	133	145	1640	4316	2142	595	0	14·7	310	42	October	9	13	65	October	9	1400
The Lizard	29	170	194	146	1354	3973	2611	491	185	14·2	200	44	December	7	19	65	October	9	1310
NORTHERN IRELAND																			
9 Ballykelly	3	6	8	61	286	2654	3141	2697	0	8·1	140	36	March	14	08	57	March	17	0210
Aldergrove	0	0	5	58	346	4063	3273	1102	0	10·6	180 120 250 200 310	32	January March May September December	2 14 7 24 7	24 07 21 24 23	60	May	9	1435
Castle Archdale	1	1	—	42	129	2740	3969	1945	0	8·4	200	34	September	24	23	56	September	24	2220
CHANNEL ISLES																			
Jersey Airport	9	50	74	83	671	4526	3211	326	0	12·6	280	68	October	9	14	94	October	9	1325

Note: Stations with 500 hours or more defective record have been omitted. These are indicated in Table X by symbols in column headed "YEAR"

TABLE X [First published 1934]—Number of hours in each Month of 1964 with Gusts Exceeding (a) 33 kt. and (b) 47 kt.

District and Station	Number of Hours exceeding 33 kt.													Number of Hours exceeding 47 kt.											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
0 Lerwick Obs'y	175	219	217	85	79	71	96	97	44	48	153	173	1457	28	41	55	2	27	1	15	15	5	4	28	36	257
Kirkwall	83	120	185	36	45	65	72	71	49	35	94	146	1001	4	20	43	0	2	0	13	16	0	0	8	41	147
Dounreay	52	(144)	202	20	66	31	91	106	(76)	45	128	(168)	*	2	(40)	68	0	7	0	10	7	10	2	28	35	*
Shin	26	46	88	34	69	(36)	92	33	18	3	50	48	*	2	13	2	0	6	0	6	0	4	0	5	5	43
Stornoway	179	104	55	101	123	40	73	77	92	42	221	129	1236	54	29	0	2	14	0	0	33	26	3	33	41	235
Duirinish	(77)	(52)	(56)	(40)	106	29	101	57	55	43	121	149	*	42	(15)	0	(1)	17	3	9	1	10	3	30	32	*
Benbecula	322	231	224	156	200	72	125	69	78	78	165	185	1905	79	75	61	8	30	0	13	15	12	9	33	33	368
1 Lossiemouth	45	(71)	127	28	68	37	106	48	47	33	78	121	*	1	11	16	0	9	0	15	3	1	2	14	24	96
Dyce	5	17	29	0	13	18	38	24	35	8	17	48	252	0	2	0	0	0	0	0	0	3	0	2	2	9
Auchterhouse	35	(29)	(33)	(28)	44	15	(45)	18	(7)	4	(36)	(29)	*	1	4	(1)	0	1	0	0	0	0	0	1	1	*
Bell Rock	68	93	166	12	37	13	48	38	67	41	116	207	906	8	7	36	0	8	0	8	5	0	0	20	31	123
Rannoch	80	93	(93)	(18)	(133)	36	(80)	19	22	(7)	(68)	(58)	*	6	26	(6)	(0)	4	0	(2)	0	0	(0)	(4)	(5)	*
Leuchars	59	42	74	34	79	20	65	12	23	12	52	53	525	6	6	13	0	8	0	9	0	0	0	4	4	50
Turnhouse	58	45	23	52	89	23	96	26	35	11	87	84	629	3	7	1	1	9	0	5	2	0	0	6	14	48
Edinburgh	(146)	90	67	(55)	(165)	130	(142)	92	158	42	229	224	*	(39)	24	3	(1)	32	7	(41)	20	28	7	58	92	*
6 Tiree	215	253	262	72	145	52	133	75	123	101	225	268	1924	55	40	103	1	12	0	18	12	17	16	56	81	411
Millport	51	(40)	86	3	‡	‡	‡	‡	‡	‡	‡	‡	‡	2	0	8	0	‡	‡	‡	‡	‡	‡	‡	‡	‡
Paisley	62	37	19	14	44	7	45	9	25	9	35	52	358	11	3	0	0	7	0	4	0	5	5	2	5	42
Renfrew	47	33	21	7	43	5	33	4	18	8	38	33	290	2	3	0	0	4	0	1	0	1	0	0	1	12
Lowther Hill	162	219	(133)	162	212	154	201	116	235	83	198	190	*	48	53	66	9	33	14	50	10	32	16	65	61	457
Prestwick	39	23	55	5	20	0	26	1	8	9	52	66	304	0	1	3	0	2	0	0	0	0	0	0	2	8
Eskdalemuir Obs'y	40	48	37	27	68	17	53	26	37	16	98	80	547	1	4	0	0	6	0	2	0	9	5	2	16	45
West Freugh	52	50	115	10	34	7	24	10	28	24	66	96	516	0	0	9	0	3	0	0	0	2	5	2	20	41
6b Ronaldsway	156	149	153	30	75	26	35	31	83	65	168	196	1167	10	1	71	0	7	0	2	0	6	11	23	61	192
Point of Ayre	77	100	123	16	75	7	26	18	23	43	96	(120)	*	0	1	24	0	3	0	0	0	1	4	1	22	56
2 Durham	33	40	16	40	101	26	34	(20)	46	18	61	93	*	3	13	0	4	8	0	4	1	0	0	4	14	51
South Shields	10	31	50	5	19	2	17	12	8	7	20	19	200	1	8	3	0	0	0	0	0	0	0	0	3	15
Cranwell	18	26	(10)	31	57	5	29	9	33	21	25	90	*	0	0	0	0	2	0	0	0	0	0	0	1	3
3 Gorleston	*	*	*	*	*	6	7	4	6	21	18	108	*	*	*	*	*	*	0	0	0	0	1	1	1	*
Mildenhall	4	8	5	23	27	0	12	2	8	3	16	53	161	0	0	0	0	2	0	0	0	0	0	0	3	5
Bedford	7	1	5	20	17	0	10	4	8	8	14	65	159	0	0	0	0	0	0	0	0	0	0	0	2	2
Cardington	7	7	1	29	31	1	22	9	12	8	(23)	101	*	0	0	0	0	0	0	0	0	1	0	0	13	14
Garston	0	0	0	5	5	0	0	2	6	4	9	47	78	0	0	0	0	0	0	0	0	0	0	0	1	1
Rothamsted	3	0	2	7	5	0	0	2	2	0	9	43	73	0	0	0	0	0	0	0	0	0	0	0	0	0
Stansted	0	0	0	(0)	(2)	0	0	0	2	0	5	48	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Coryton	2	1	3	13	5	2	23	6	10	5	7	54	131	0	0	0	0	0	0	0	0	0	0	0	1	1
Shoeburyness	11	22	(75)	(74)	14	30	34	23	27	19	40	182	*	0	0	0	6	0	0	1	1	3	2	3	40	56
4 Sheffield	11	13	8	3	23	3	11	5	7	8	37	53	182	0	5	0	0	0	0	0	0	0	0	1	1	7
Edgbaston	2	3	9	0	1	0	1	1	3	8	9	29	66	0	0	0	0	0	0	0	0	0	0	0	0	0
Elmdon	6	11	13	16	20	2	10	6	8	11	13	54	170	0	0	0	0	1	0	0	0	0	0	0	3	4
Amersham	1	0	0	5	1	0	0	1	2	0	3	(41)	*	0	0	0	0	0	0	0	0	0	0	0	1	1
Keele	19	26	58	12	36	6	8	4	13	12	9	48	251	0	0	4	0	0	0	0	0	0	1	1	4	10
Avonmouth	11	11	5	61	36	(6)	(33)	6	17	15	27	56	*	0	0	0	0	1	0	0	0	1	0	3	3	8
5 Kingsway	4	1	4	15	1	1	5	3	8	5	5	59	111	0	0	0	0	0	0	0	0	1	0	0	3	4
London Airport	1	0	2	6	3	2	3	4	5	4	9	51	90	0	0	0	0	0	0	0	0	0	0	0	1	1
Hampton	4	0	5	22	4	1	4	4	5	3	6	67	125	0	0	0	0	0	0	0	0	0	0	0	7	7
Kew Obs'y	3	1	12	38	11	8	10	8	11	7	8	67	184	0	0	0	0	0	0	0	0	0	0	0	4	4
Gatwick	2	1	1	21	4	1	4	3	6	4	11	69	127	0	0	0	1	0	0	0	0	0	0	0	5	6
Isle of Grain	0	0	1	12	4	12	1	0	5	8	12	66	121	0	0	0	0	0	0	0	0	0	0	0	2	2
Dover	1	0	(16)	21	6	1	38	6	16	19	(25)	157	*	0	0	0	0	0	0	2	0	1	3	1	16	23

Table X (continued)—[First published 1934] Number of Hours in each Month of 1964 with Gusts Exceeding (a) 33 kt. and (b) 47 kt.

District and Station	Number of Hours exceeding 33 kt.													Number of Hours exceeding 47 kt.												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov	Dec.	Year	Jan.	Feb.	Mar.	Apr	May	June	July	Aug.	Sept	Oct.	Nov	Dec.	Year
Thorney Island	3	0	7	17	9	1	21	1	10	2	16	56	143	0	0	0	0	0	0	0	0	0	0	0	0	0
Hurn	1	1	2	9	2	2	10	5	9	6	13	62	122	0	0	0	0	0	0	0	0	0	0	0	1	1
Calshot	0	1	3	5	0	1	12	3	4	5	8	57	99	0	0	0	0	0	0	0	0	0	0	0	0	0
S. Farnborough	(0)	0	1	19	6	0	4	2	7	4	11	61	*	0	0	0	0	0	0	0	0	0	0	0	1	1
Abingdon	3	2	1	3	2	0	1	1	6	2	5	(32)	*	0	0	0	0	0	0	0	0	0	0	0	0	0
Larkhill	10	20	15	51	9	2	16	17	8	8	23	105	284	0	0	0	0	0	0	0	0	0	1	0	14	15
Boscombe Down	4	7	14	25	5	4	5	12	5	6	18	87	192	0	0	0	0	0	0	0	0	0	0	0	5	5
Porton	2	1	8	19	3	3	6	9	8	5	14	68	146	0	0	0	0	0	0	0	0	0	0	0	6	6
7a Carlisle	10	23	21	18	49	4	33	7	7	7	50	81	310	0	1	0	0	2	0	0	0	0	0	0	4	7
Sellafield	11	5	96	1	14	1	11	3	12	16	42	(73)	*	0	0	3	0	0	0	0	0	0	1	0	5	9
Spadeadam	26	(50)	66	32	94	18	(62)	(28)	29	26	80	88	*	4	(0)	2	0	7	0	1	2	0	0	1	9	*
Great Dun Fell	(110)	(127)	(115)	(230)	256	204	220	152	275	(88)	248	(165)	*	32	34	(10)	(27)	48	15	45	29	46	22	90	(61)	*
Moor House	131	(103)	(95)	(127)	174	104	152	(101)	164	63	(170)	129	*	14	39	(1)	(7)	11	2	7	8	22	5	23	25	*
Squires Gate	20	14	72	12	54	11	56	18	46	59	81	120	563	0	0	1	0	5	0	3	0	0	1	3	12	25
Southport	18	15	(44)	7	27	8	44	12	21	(48)	59	(59)	*	0	0	0	0	0	0	0	0	0	1	2	5	8
Fleetwood	‡	‡	‡	(12)	29	16	44	14	27	41	(52)	70	‡	‡	‡	‡	1	2	0	3	0	0	2	1	8	‡
Speke	24	35	48	11	58	4	22	23	23	27	38	85	398	1	0	1	0	2	0	2	0	0	1	2	10	19
Manchester W/Centre	35	41	41	27	57	19	20	12	17	13	21	62	365	2	1	1	0	3	1	0	0	0	0	2	7	17
Bidston Obs'y	46	99	100	37	82	35	51	26	56	66	89	96	783	6	4	0	0	3	0	2	0	2	1	11	17	46
Ringway	14	28	29	5	29	11	4	2	9	6	9	43	189	0	0	0	0	2	0	0	0	0	0	0	3	5
7b Valley	87	34	21	37	113	36	36	48	67	65	118	197	859	1	0	0	3	7	0	4	0	6	11	6	44	82
8a Aberporth	(68)	(51)	(83)	(127)	(97)	39	54	(40)	(71)	127	(65)	256	*	(2)	(9)	(6)	2	(6)	0	3	1	7	19	(5)	51	*
Brawdy	66	89	123	55	47	12	28	37	47	59	69	(221)	§	1	12	20	1	5	0	0	5	8	5	10	(37)	§
Port Talbot	35	71	121	23	14	27	18	14	30	15	17	58	443	0	2	11	0	0	3	0	0	3	1	0	0	20
Rhoose	13	26	21	44	47	20	37	6	8	34	41	95	392	0	0	0	0	1	0	0	0	3	2	3	7	16
8b Portland Bill	22	(72)	181	177	87	42	70	97	124	*	212	328	*	1	(4)	20	8	4	1	12	5	19	*	36	104	*
Plymouth	(21)	(36)	(29)	10	7	2	6	14	27	14	(9)	(56)	*	0	0	1	0	0	0	0	0	2	0	0	(1)	*
Scilly	172	148	102	172	36	9	30	40	65	159	132	304	1369	3	10	7	9	2	0	0	4	8	43	30	31	147
Lizard	141	105	(85)	73	31	22	19	55	65	140	(154)	(200)	*	12	13	(10)	3	1	0	0	2	3	26	21	(36)	*
9 Ballykelly	100	67	121	26	61	6	40	31	38	21	53	79	643	4	2	18	0	3	0	0	0	3	2	2	8	42
Aldergrove	50	25	108	7	35	9	30	9	20	16	14	26	349	0	0	7	0	1	0	0	0	1	1	0	1	11
Castle Archdale Forest	56	36	45	18	48	4	(17)	17	20	(11)	51	31	*	5	3	0	0	3	0	0	0	3	2	0	0	16
Jersey	5	15	29	39	2	5	13	41	28	144	98	181	600	1	0	0	0	0	0	0	0	0	43	22	7	73

* Defective record ‡ Anemograph out of order § Incomplete record

OCCASIONS OF "STRONG GALES" in 1964

TABLE XI [First published 1900]—Occasions on which the Maximum Hourly Mean Wind was 41 knots or more.

District and Station	Date	Maximum Hourly Mean wind of 41 Knots or more			Maximum Speed in a gust during the day			Hours for which mean speed exceeded 33 Knots on date in second column
		Hour ended at	Direction	Speed	Time	Direction	Speed	
			°	kt.	h. m.	°	kt.	
0 Lerwick Observatory	Jan. 20	15	250	45	1415	250	65	11-16, 21
	Feb. 1	05	270	43	0420	270	64	03-06, 11-14
	Feb. 3	06	220	43	0555	220	62	04-07
	Feb. 17	08	070	41	0810	070	59	07-10
	Mar. 14	13	150	42	1330	150	64	01-03, 07-24
	Aug. 26	12	230	42	1135	230	61	09-15
	Nov. 26	22	240	45	2205	250	68	18-24
	Nov. 27	01	260	41	0220	270	68	01-05
	Dec. 11	24	190	42	2230	190	62	21-24
	Dec. 12	11	240	47	0950	230	67	01-04, 07-17
Kirkwall	Feb. 1	04	270	50	0330	270	74	01-13
	Mar. 14	14	130	41	1355	130	60	01-24
	Dec. 9	05	250	41	0525	250	60	03-06
Dounreay	Feb. 1	07	290	43	0345	270	70	01-09, 13
	Feb. 4	18	230	42	0325	210	68	01-07, 17-20, 22-24
	Mar. 13	15	150	41	1010	150	59	03-24
	Mar. 14	15	150	47	1510	150	70	01-24
	Nov. 16	17	300	44	1655	300	68	15-23
Shin	May 12	17	230	43	1620	230	69	17
Stornoway	Jan. 1	20	180	42	2320	190	53	13, 16, 19-24
	Jan. 2	11	190	52	1030	190	72	1-24
	Jan. 3	03	190	48	0225	190	66	01-09
	Jan. 31	24	250	44	2035	260	58	18-24
	Feb. 1	03	270	51	0225	270	75	01-11
	Feb. 2	24	200	43	2235	200	61	09, 11, 21-24
	Feb. 3	01	200	46	0220	300	62	01-04, 24
	May 3	13	190	43	1220	190	54	10-16
	May 12	15	180	49	1420	180	67	13-20
	Sept. 25	11	200	42	0530	180	63	04-20
	Nov. 26	12	180	41	1120	180	55	03-12
	Dec. 8	23	200	42	2250	210	60	15-23
	Dec. 9	01	240	41	0045	240	58	01-03
	Dec. 11	19	190	49	1705	180	65	14-24
	Dec. 31	03	230	47	0220	230	68	02-05
Duirinish	Jan. 2	09	180	45	0710	180	68	02, 03, 05-24
	Jan. 3	02	170	43	0310	170	65	01-12
	Jan. 31	24	260	42	2255	260	70	20-24
	Feb. 1	01	270	45	0245	270	66	01-05
	Feb. 3	03	200	43	0245	210	60	01-04
	May 12	15	200	42	1405	200	68	12-17
	Nov. 14	07	200	44	0820	200	65	06-09, 24
	Nov. 28	20	350	41	1720	030	61	18-21
	Dec. 8	23	210	42	2225	210	70	19, 20, 22-24
Benbecula	Jan. 1	24	190	42	1945	180	62	18-24
	Jan. 2	24	170	51	2315	170	75	01-24
	Jan. 3	01	180	50	0035	180	73	01-06
	Jan. 31	21	230	43	2215	250	69	18-24
	Feb. 1	03	270	49	0040	270	77	01-11
	Feb. 3	23	280	42	2050	270	67	01-05, 17-24
	Feb. 4	02	280	42	0050	290	68	01-15, 20, 21
	May 12	14	200	41	1250	200	68	11-16
	July 8	17	280	41	1535	280	59	12-19, 21-23
	Nov. 28	18	350	43	1520	350	64	12, 14-21
1 Bell Rock	Jan. 2	14	210	44	1345	210	51	10-16, 20
	Feb. 1	10	280	43	0910	280	55	01-03, 05-07, 09, 10, 14
	Feb. 3	06	230	44	0505	230	57	05-07
	Mar. 13	20 21	130 140	42	2015	140	53	01-24
	Mar. 14	14	130	48	1450	120	62	01-24
	Mar. 19	13 14	110 120	41	1300	120	51	09-24
	May 8	03	230	42	0630	250	59	02-10
	July 8	22	240	44	2055	230	58	07, 16-24
	Aug. 18	24	010	41	2325	010	51	20-24
Bell Rock (cont)	Nov. 14	18	220	47	1140	210	60	02-04, 06-08, 10-24
	Nov. 15	04	230	42	0320	230	50	01-06
	Dec. 30	23	230	42	2230	230	53	14-24
	Dec. 31	03	230	45	0200	230	59	01-14
Rannoch	Feb. 1	03	260	44	0125	260	64	01-09
	Mar. 14	15	110	44	—	—	-	02-06, 14-16
Turnhouse	Dec. 12	01	190	41	0040	190	72	01
Edinburgh,	Jan. 1	24	180	48	2310	180	73	24
Blackford Hill	Jan. 3	01	180	43	0020	180	65	01-03, 07, 12
	July 7	14	200	44	1310	200	75	12-15, 17
	Dec. 7	22	190	50	2255	190	86	21-24
	Dec. 8	19	180	51	1835	180	86	01, 03, 18-24
	Dec. 11	22	180	52	2355	180	87	20-24
	Dec. 12	01	180	60	0120	180	88	01-03
	Dec. 31	01	190	42	0045	190	72	01, 02, 06, 08, 09, 11, 12
6a Tiree	Mar. 12	16	100	42	1520	100	56	10, 11, 13-24
	Mar. 14	09	110	44	0915	110	60	02-18
	Mar. 17	11	120	44	0905	120	59	01-24
	Mar. 18	06	120	42	1230	120	57	01-24
	May 12	14	200	41	1250	200	61	11, 13-15
	Nov. 14	08	200	42	0630	210	66	04-09, 11, 13-15, 23, 24
	Nov. 28	19	340	44	1630	340	63	15-24
	Nov. 29	01	350	43	0050	350	59	01-05
	Dec. 8	22	210	45	2145	220	72	14-18, 20-24
	Dec. 11	21	170	43	2035	170	64	14-23
Lowther Hill	Jan. 2	16	200	44	1950	200	57	01-07, 10-24
	Jan. 30	03	290	42	0225	280	63	02, 03, 05-08
	Jan. 31	24	280	52	2230	280	75	11-17, 21-24
	Feb. 1	01	280	57	0025	290	84	01-13, 16, 17
	Feb. 4	18	320	48	1710	310	73	10-20
	Feb. 18	09	090	43	0820	090	57	02-04, 07-14, 17
	Mar. 12	10	120	45	1250	120	53	09-23
	Mar. 19	15	120	53	1225	120	64	01-19
	Mar. 25	06	330	43	0535	330	53	04-17
	May 7	24	240	44	2335	240	71	11, 17-21, 23, 24
	May 8	01	240	44	0030	240	73	01-05
	May 9	18	200	45	1640	200	63	11-18
	July 7	12	220	42	1105	220	55	10-14, 17
	July 8	21 24	280	46	2315	280	65	13-24
	July 9	01 02	280 290	43	0005	280	63	01-10, 13-17, 20-22
	July 28	05	300	48	0615	300	63	02-08, 10
	Aug 1	16	320	44	1525	320	57	04, 08-12, 15-21
	Sept. 11	15	290	44	1505	290	63	08-20
	Sept. 24	23	200	51	2245	200	74	19-24
	Sept. 25	01	210	42	0001	210	59	01-03, 14-16
	Oct. 6	23	220	42	2215	220	61	21-24
	Oct. 7	01	220	41	0035	220	61	01-04, 12, 13, 24
	Nov. 14	24	270	42	1638	240	71	02, 10-19, 21-24
	Nov. 15	01 03	270	42	0035	270	61	01-05, 08-14
	Nov. 16	15	290	47	1450	300	75	13-24
	Dec. 2	24	320	54	2250	310	74	16-24
	Dec. 3	01 02	320	46	0200	320	57	01-04
	Dec. 7	22 23	200 210	50	2105	200	75	18-24
	Dec. 8	02	310	58	0120	300	78	02-07, 13, 15-24
	Dec. 11	22	200	50	2205	200	69	17-24
	Dec. 12	01	210	42	0025	210	55	01-04, 14
6b Ronaldsway	Mar. 16	23	120	41	2005	110	55	18-24
	Mar. 17	03	120	45	0430	120	60	01-24
	Mar. 19	09	100	48	1060	110	61	01-16

OCCASIONS OF "STRONG GALES" in 1964

TABLE XI (continued)—Occasions on which the Maximum Hourly Mean Wind was 41 knots or more.

District and Station	Date	Maximum Hourly Mean wind of 41 Knots or more			Maximum Speed in a gust during the day			Hours for which mean speed exceeded 33 Knots on date in second column
		Hour ended at	Direction	Speed	Time	Direction	Speed	
			°	kt.	h. m.	°	kt.	
6b Ronaldsway (cont.)	Sep. 24	21	190	43	2030	190	62	19-22
	Oct. 6	23	200	49	2205	210	70	19-24
	Oct. 7	01	200	48	0025	200	65	01-04
	Dec. 7	24	250	56	2215	210	77	12-24
	Dec. 8	18	200	46	0005	260	67	01, 02, 15-23
	Dec. 11	24	200	48	2350	200	67	19-24
	Dec. 12	01	210	48	0030	210	63	01-03
Point of Ayre	Dec. 8	01	260	42	0005	260	61	01, 02, 18-20
3 Shoeburyness	Dec. 8	02	210	41	0205	220	60	01, 02
	Dec. 13	06	220	41	0850	230	58	06-11
	Dec. 27	15	120	41	1440	120	51	12-23
7a Sellafield	Dec. 7	24	230	41	2310	230	59	23, 24
	Dec. 8	01	260	41	0020	260	63	01, 02
Great Dun Fell	Jan. 2	08	220	44	0750	220	67	02-16
	Jan. 27	23	230	42	2240	230	54	19-24
	Jan. 30	04	270	46	0150	260	63	01-07
	Jan. 31	24	260	48	2345	260	70	13-24
	Feb. 1	16	280	53	1545	280	68	01-19
	Feb. 3	03	240	53	0230	230	65	01-07, 10-14, 21, 24
	Feb. 4	16	280	48	1520	280	65	01-03, 10-18
	Mar. 12	18	110	41	1735	110	50	10, 14-19
	Apr. 3	{20 21	060	43	2110	060	50	15-24
	Apr. 9	17	240	47	1050	240	59	01, 04-08, 11-18, 24
	Apr. 15	21	240	45	2020	240	56	02, 16-22
	May 5	19	250	41	1520	250	49	13, 16-24
	May 7	23	250	51	2155	240	67	17, 18, 20-24
	May 8	02	250	49	0210	260	67	01-19
	May 9	18	230	49	1650	230	65	03-21
	May 12	15	230	44	1410	240	57	09, 10, 13-17
	Jul. 7	14	240	55	1425	240	72	08-19
	Jul. 8	24	260	44	2200	270	55	10-13, 16-24
	Jul. 9	01	260	42	0025	260	53	01-09, 11-18
	Jul. 28	08	280	46	0700	280	58	01, 02, 04-17
	Aug. 23	19	250	49	1830	250	63	11-24
	Aug. 24	19	270	43	1315	260	57	06, 14-21
	Sep. 11	19	280	46	1810	280	61	02-08, 10-21
	Sep. 24	23	210	50	2310	220	64	20-24
	Sep. 25	01	230	49	0055	230	64	01-10
	Oct. 6	23	240	53	2320	240	71	13, 17-24
	Oct. 7	06	230	46	0520	230	67	01-07, 12-15
	Nov. 2	24	070	42	2320	070	55	22-24
	Nov. 13	14	240	45	1320	240	55	06-08, 10-21
	Nov. 14	07	260	43	0640	280	61	03-24
	Nov. 16	16	290	46	1500	290	63	04-06, 13-20
	Nov. 23	23	260	43	2210	270	53	13, 21-24
	Nov. 24	10	280	43	1435	270	57	01-24
	Nov. 25	09	290	49	0800	290	64	01-11
	Nov. 26	16	240	47	1510	250	61	07-24
	Dec. 2	21	290	44	1955	290	64	15-24
	Dec. 6	09	260	46	0805	260	56	02, 06-12, 14-19
	Dec. 7	24	230	68	2330	230	94	12-24
	Dec. 8	01	240	66	0005	240	92	01, 02, 04-07, 10-24
	Dec. 9	06	250	45	0605	250	58	01-11
	Dec. 11	24	220	45	2255	230	65	20-24
	Dec. 12	01	230	46	0100	230	62	01-05
	Dec. 30	08	250	48	0740	250	64	06-09
Moor House	Feb. 1	12	270	42	1120	270	61	03-16
	Feb. 4	12	270	44	1530	270	64	02-19
	Sep. 11	17	270	43	1625	270	59	14-20
	Nov. 25	08	280	43	0615	280	58	05-09
	Dec. 7	24	210	41	2325	210	65	21-24
Squires Gate	May 7	23	240	41	2220	240	55	21-24
	Jul. 7	16	240	41	1550	240	58	15, 16, 19-21
	Dec. 7	24	230	44	2315	230	62	23, 24
	Dec. 8	01	250	44	0010	240	65	01, 02
7b Valley	Oct. 6	24	190	43	2330	190	57	18-24
	Oct. 7	04	200	45	0335	200	63	01-05
	Nov. 16	06	260	41	0500	260	56	05, 06
	Dec. 7	22	210	50	2200	220	70	10-24
	Dec. 8	21	190	43	2030	190	56	01, 02, 13-24
	Dec. 11	23	170	42	2300	170	56	21-24
	Dec. 12	01	180	42	0010	180	56	01-08, 24
	Dec. 13	04	210	42	0355	210	57	01-04
8a Brawdy	Dec. 7	18	200	42	1735	200	62	10, 14-20
8b Portland Bill	Feb. 18	21	070	41	2010	070	51	17-24
	Mar. 11	24	070	46	2345	070	55	10-24
	Mar. 12	02	070	45	0001	070	52	01-12
	Mar. 17	{16 17	090	42	1705	100	50	01-09, 11-20
	Mar. 18	16	090	41	1550	090	48	11, 12, 14-19
	Apr. 21	15	230	42	1640	240	54	13-24
	Apr. 28	15	250	41	1500	250	52	08, 10, 12-16
	May 7	19	240	42	1855	250	52	18-21, 24
	May 30	23	100	43	2220	100	55	23
	Jul. 8	04	230	44	0135	230	56	01-08, 15-20
	Aug. 17	18	220	41	1655	220	55	14-24
	Sep. 1	14	090	44	1255	090	51	01-23
	Sep. 16	09	220	45	0855	220	58	05-24
	Nov. 13	17	(240)	47	1605	(240)	59	12-19
	Nov. 15	24	(230)	50	2345	(230)	65	06, 07, 20-24
	Nov. 16	02	(250)	55	0120	(250)	67	01-16
	Nov. 17	{09 10	(250)	44	0810	(250)	53	05-16
	Dec. 3	08	(310)	42	0800	(310)	(52)	01-09, 14
	Dec. 6	23	(240)	41	2350	(240)	51	14, 15, 17-20, 22-24
	Dec. 7	23	(200)	52	2310	(230)	68	01-03, 08-24
	Dec. 8	01	(250)	51	0010	(240)	66	01-06, 20-24
	Dec. 9	06	(210)	46	0600	(210)	60	01-11
	Dec. 12	24	(240)	44	2305	(240)	60	02-24
	Dec. 13	07	(230)	55	0640	(230)	70	01-12, 15, 16
	Dec. 22	07	(070)	41	1545	(070)	52	01-19, 21
	Dec. 27	19	(080)	54	1840	(080)	68	06-24
	Dec. 29	13	(210)	44	1330	(210)	57	09-15, 17, 22
	Dec. 30	13	(230)	49	—	—	—	01-16, 22-24
Plymouth Hoe	Nov. 15	24	—	(41)	—	—	(46)	23, 24
Scilly	Oct. 9	13	310	42	1400	310	65	12-21, 23
Lizard	Nov. 15	23	230	43	2320	240	60	22-24
	Nov. 16	01	250	43	0015	240	61	01-16
	Dec. 7	19	200	44	1800	200	62	13-21, 23, 24
	Dec. 13	04	220	42	0325	220	59	01-09
9 Jersey	Oct. 9	14	280	68	1325	270	94	13-24
	Nov. 16	05	250	45	0510	250	61	02-18

TABLE XII [First Published 1908]—Dates on which Gusts of 48 Knots or more occurred in 1964.

For an anemograph 33 ft. above ground in the open the limit corresponds with that of Force 10 (Whole Gale) on the Beaufort Scale. Up to 1916 fuller details were given in this table.

The time of occurrence of the maximum gust each month can be found by reference to Table II of the appropriate monthly part of the Monthly Weather Report.

District and Station	Dates
0 Lerwick Obs'y.	Jan. 3, 20, 21, 23, 24, 26, 29, 31. Feb. 1-4, 8, 17, 24. Mar. 13-15, 19, 20. Apr. 11, 20. May 8, 12, 13. June 28. July 1, 2, 28. Aug. 18, 26. Sept. 28. Oct. 22. Nov. 14, 23-27. Dec. 3, 6, 9, 11, 12, 30.
Kirkwall	Jan. 20, 31. Feb. 1, 3, 4, 17. Mar. 13-15. May 8. July 28. Aug. 17, 18, 26. Nov. 16, 24-26. Dec. 2, 3, 7-9, 11, 12, 24, 25, 31.
Dounreay	Jan. 31. Feb. 1, 3, 4, 22, 23. Mar. 13-19. May 10, 12, 13. July 28. Aug. 17, 18, Sept. 17. Oct. 22, 23. Nov. 15, 16, 23-26. Dec. 2-4, 8, 9, 11, 12, 24, 25, 31.
Shin	Jan. 31. Feb. 1-4. Mar. 14, 19. May 8, 12. July 28, 31. Sept. 17. Nov. 16, 23-25. Dec. 8, 9, 12.
Stornoway	Jan. 1-3, 8, 20, 31. Feb. 1-4. Apr. 13, 20. May 3, 9, 10, 12, 13. Aug. 17, 18, 21, 22, 25, 26. Sept. 11, 14, 17, 25. Oct 22. Nov. 9, 14, 16, 18, 23, 25, 26, 28, 29. Dec. 2, 6-9, 11, 12, 15, 16, 31.
Duirinish	Jan. 1-3, 29, 31. Feb. 1-4. Apr. 13. May 3, 5, 8, 9, 12. June 26. July 7, 8. Aug. 22. Sept. 25. Oct. 22. Nov. 14-16, 23, 25, 26, 28. Dec. 2, 3, 6, 8, 9, 11, 12, 30, 31.
Benbecula	Jan. 1-3, 18, 20, 29-31. Feb. 1-4, 22, 25, 29. Mar. 14-18, 27. Apr. 12, 13, 19, 20. May 3, 8-10, 12, 13. July 8, 28. Aug. 17, 18, 25, 26. Sept. 25. Oct. 22, 23. Nov. 13, 14, 16, 25, 26, 28, 29. Dec. 2, 3, 6, 8, 9, 11, 12, 29-31.
1 Lossiemouth	Jan. 2. Feb. 1, 3, 4. Mar. 13-15. May 8, 9, 12. July 7, 8, 15, 27, 28. Aug. 18. Sept. 11. Oct. 23. Nov. 14, 16, 25. Dec. 2, 3, 9, 11, 12, 25, 30, 31.
Dyce	Feb. 1. Sept. 19, 25. Nov. 14, 16. Dec. 11, 12.
Auchterhouse	Jan. 31. Feb. 1. Mar. 14. May 8, Nov. 25. Dec. 8.
Bell Rock	Jan. 2, 3, 31. Feb. 1, 3, 4. Mar. 12-15, 19. May 8, 9. July 7, 8. Aug. 18, 19. Nov. 14-16, 29. Dec. 6-8, 11, 12, 30, 31.
Rannoch	Jan. 30, 31. Feb. 1-4. Mar. 12, 19. May 5, 8, 9, 12. July 7, 28. Nov. 14, 16. Dec. 8, 30
Leuchars	Jan. 2, 31. Feb. 1, 3. Mar. 14. May 8. July 7, 8, 28. Nov. 14, 16. Dec. 6, 8, 12, 31.
Turnhouse	Jan. 31. Feb. 1, 3, 4. Mar. 14. Apr. 30. May 8, 9, 12. July 7, 8. Aug. 24. Nov. 14, 25, 26. Dec. 7, 8, 11, 12, 30, 31.
Edinburgh	Jan. 1-3, 30, 31. Feb. 1-4, 18. Mar. 14, 19. Apr. 14. May 7-9, 12. June 9, 14, 15. July 7-9, 11, 14, 28, 31. Aug. 1, 23-25. Sept. 11, 17, 22-25, 28. Oct. 6, 7, 22. Nov. 13-16, 18, 19, 23-26. Dec. 2, 6-9, 11, 12, 16, 28-31.
6a. Tiree	Jan 1-3, 18, 27, 28, 30, 31. Feb. 1-4, 22, 25, 29. Mar. 12-19, 25. Apr. 13. May 3, 8-10, 12. July 7-9, 14. Aug. 18, 25. Sept. 11, 17, 24, 25. Oct. 22, 23. Nov. 14-16, 26-29. Dec. 2, 3, 6, 8, 9, 11, 13, 15, 16, 24, 25, 29-31.
Millport	Jan. 31. Mar. 14, 19. Anemograph out of order May-Dec.
Paisley	Jan. 1-3, 31. Feb. 1, 3, 4. May 7, 8, 12. July 7, 8. Sept. 11, 24, 25. Oct. 6, 7, 22. Nov. 14, 16. Dec. 8, 11, 12.
Renfrew	Jan. 2, 31. Feb. 1, 3. May 7-9. July 28. Sept. 11. Dec. 11.
Lowther Hill	Jan. 1-3, 13, 28-31. Feb. 1-4, 16, 18, 24, 27. Mar. 12, 16-19, 25. Apr. 9, 10, 12, 14, 15, 30. May 1, 7-10, 12, 14. June 8, 9, 15, 30. July 2, 7-10, 14, 27, 28. Aug. 1, 24. Sept. 8, 11, 14, 17, 19, 24, 25. Oct. 6, 7, 22. Nov. 13-16, 23-26. Dec. 2, 3, 6-9, 11, 12, 15, 16, 29, 30.
Prestwick	Feb. 4. Mar. 14, 19. May 7, 8. Dec. 8.
Eskdalemuir Obs'y.	Jan. 31. Feb. 1, 4. May 7-9. July 8. Sept. 11, 24, 25. Oct. 6, 7. Nov. 16, 25. Dec. 2, 6-8, 11, 12.
West Freugh	Mar. 14, 17, 25. May 7, 9. Sept. 24. Oct. 6, 7. Nov. 16. Dec. 2, 3, 7, 8, 11, 12.
6b Ronaldsway	Jan. 1, 2, 30, 31. Feb. 3. Mar. 14, 16-19, 25. May 7-9. July 7. Sept. 24, 26. Oct. 6, 7, 23. Nov. 13-16, 26. Dec. 3, 7, 8, 11, 12, 29-31.
Point of Ayre	Feb. 3. Mar. 14, 17-19. May 7, 9. Sept. 16. Oct. 6, 7, 23. Nov. 16. Dec. 2, 3, 7, 8, 11, 12.
2 Durham	Jan. 30, 31. Feb. 1. Apr. 12, 14. May 7, 8, 12. July 7. Aug. 24. Nov. 14-16. Dec. 7, 8, 31.
South Shields	Jan. 31. Feb. 1. Mar. 14. Dec. 8.
Cranwell	May 7. Dec. 13.
3 Gorleston	Anemograph out of order Jan-May. Oct 23. Nov 3. Dec. 8.
Mildenhall	May 7. Dec. 8, 9, 13.
Bedford	Dec. 7, 9.
Cardington	Sept. 16. Dec. 7, 9, 13, 30.
Garston	Dec. 8
Rothamsted	Nil.
Stansted	Nil.
Coryton	Dec. 8.
Shoeburyness	Apr. 21, 28. July 8. Aug. 17. Sept. 16. Oct. 7. Nov. 16. Dec. 1, 3, 7-9, 13, 27, 29, 30.
4 Sheffield	Feb. 1. Nov. 15. Dec. 8.
Edgbaston	Nil.
Elmdon	May 7. Dec. 3, 9.
Amersham	Dec. 9.
Keele	Mar. 19, 25. Oct. 7. Nov. 16. Dec. 3, 7, 9.
Avonmouth	May 7. Sept. 16. Nov. 16, Dec. 7-9.
5 Kingsway	Sep. 16. Dec. 7-9.
London Airport	Dec. 7.
Hampton	Dec. 7-9, 30.
Kew Obs'y	Dec. 7-9
Gatwick	Apr. 21. Dec. 7-9, 13.
Isle of Grain	Dec. 8, 13.
Dover	July 8. Sept. 16. Oct. 7. Nov. 16. Dec. 7-9, 13. 30.
Thorney Island	Nil.
Hurn	Dec. 13.
Calshot	Nil.
South Farnborough	Dec. 30.
Abingdon	Nil.
Larkhill	Oct. 23. Dec. 7-9, 13, 30.
Boscombe Down	Dec. 8, 9, 30.
Porton	Dec. 7-9, 13, 30.

TABLE XII (continued) [First Published 1908]—Dates on which Gusts of 48 Knots or more occurred in 1964.

For an anemograph 33 ft. above ground in the open the limit corresponds with that of Force 10 (Whole Gale) on the Beaufort Scale. Up to 1916 fuller details were given in this table.

The time of occurrence of the maximum gust each month can be found by reference to Table II of the appropriate monthly part of the Monthly Weather Report.

District and Station	Dates
7a Carlisle	Feb. 3. May 7, 8. Dec. 7, 8.
Sellafield	Mar. 14, 19. Oct. 7. Dec. 3, 7, 8.
Spadeadam	Jan. 30, 31. Mar. 19. May 7, 8. July 28. Aug. 19. Nov. 14. Dec. 7, 8, 12.
Great Dun Fell	Jan. 1, 2, 27, 28, 30, 31. Feb. 1-4. Mar. 12, 17, 19. Apr. 3, 9, 13-15, 28-30. May 1, 3, 5, 7-12. June 7, 11, 14, 15, 30. July 7-9, 11, 14, 28. Aug. 1, 23-25. Sept. 10, 11, 14-17, 19, 22, 24, 25. Oct. 6, 7, 22. Nov. 2, 11-16, 18, 19, 23-26. Dec. 2, 3, 6-9, 11, 12, 30.
Moor House	Jan. 1, 2, 30, 31. Feb. 1, 3, 4. Mar. 14. Apr. 9, 15. May 5, 7-9. June 15, 30. July 7, 8, 28. Aug. 23-25. Sept. 11, 15, 19, 22-25. Oct. 6, 7, 22. Nov. 15, 16, 18, 24-27. Dec. 2, 3, 6-8, 11, 12, 30.
Squires Gate	Mar. 25. May 7, 8. July 7. Oct. 23. Nov. 14, 16. Dec. 2, 3, 7, 8, 13, 30, 31.
Southport	Oct. 23. Nov. 14, 16. Dec. 3, 7, 8, 30.
Fleetwood	Anemograph out of order Jan-Mar. Apr. 13. May 7. July 7. Oct. 23. Nov. 16. Dec. 3, 7-9, 30.
Speke	Jan. 30. Mar. 25. May 7. July 7. Oct. 23. Nov. 16. Dec. 3, 6-8, 13, 30.
Manchester W/Centre	Jan. 30, 31. Feb. 3. Mar. 19. May 7, 8. June 1. Nov. 16. Dec. 3, 7, 8, 13, 30.
Bidston Obs'y	Jan. 30, 31. Feb. 1. May 7, 8. July 7, 31. Sept. 16. Oct. 23. Nov. 14-16. Dec. 3, 7, 8, 13, 30.
Ringway	May 7. Dec. 7, 9, 30.
7b Valley	Jan. 30. Apr. 15. May 7, 9. July 7. Sept. 16. 24. Oct. 6, 7, 23. Nov. 14-16. Dec. 3, 7-9, 11-13, 30, 31.
8a Aberporth	Jan. 30. Feb. 1, 3, 21. Mar. 11, 14, 16, 18, 25. Apr. 15. May 3, 7-9. July 7, 14. Aug. 17. Sept. 16, 24. Oct. 7, 23. Nov. 15, 29. Dec. 3, 6-9, 12, 13, 25, 30, 31.
Brawdy	Jan. 30. Feb. 13, 14, 21. Mar. 11, 16-18. Apr. 15. May 7, 9. Aug. 17. Sept. 16, 24. Oct. 7, 23. Nov. 14-16, 29. Dec. 3, 7-9, 12, 13, 30.
Port Talbot	Feb. 13, 14. Mar. 11, 12, 17. June 1. Sept. 16. Oct. 23.
Rhoose	May 7. Sept. 16. Oct. 23. Nov. 16. Dec. 3, 7, 8, 13, 31.
8b Portland Bill	Jan. 28. Feb. 18. Mar. 11, 12, 17, 18. Apr. 14, 20, 21, 28. May 7, 30. June 1. July 7, 8. Aug. 17. Sept. 1, 15, 16. Oct. Defective record. Nov. 13-17, 30. Dec. 3, 6-9, 12, 13, 22, 27-30.
Plymouth	Mar. 11. Sept. 1, 16. Dec. 7.
Scilly	Jan. 15, 16, 30. Feb. 14, 18, 22, 24. Mar. 11. Apr. 4, 21. May 7. Aug. 17. Sept. 16, 24. Oct. 7-10, 23, 24. Nov. 13, 15, 16, 28, 29. Dec. 1, 7, 9, 12, 13, 22, 25, 27, 30.
Lizard	Jan. 16. Feb. 13, 18, 19. Mar. 11, 16. Apr. 17, 21. May 7. Aug. 17, 18. Sept. 1, 16. Oct. 7-10, 15, 16, 23. Nov. 13, 15, 16. Dec. 1, 7-9, 12, 13. 30.
9 Ballykelly	Jan. 2, 29, 31. Feb. 1, 3. Mar. 14, 16-19. May 9, 12. Sept. 19, 24, 25. Oct. 23. Nov. 16, 28. Dec. 3, 8, 11, 30.
Aldergrove	Mar. 14, 19. May 9. Sept. 24. Oct. 23. Dec. 7.
Castle Archdale Forest	Jan. 29-31. Feb. 1, 3, 24. May 7, 9, 12. Sept. 24. Oct. 22.
Jersey	Jan. 28. Oct. 7-10, 15, 23. Nov. 15, 16. Dec. 1, 3, 13, 31.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION FOR THE YEAR 1964

STATION	TOTAL RADIATION ON A HORIZONTAL SURFACE milliwatt-hours per square centimetre						DIFFUSE RADIATION ON A HORIZONTAL SURFACE milliwatt-hours per square centimetre						TOTAL ILLUMINATION ON A HORIZONTAL SURFACE kilolux-hours					
	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days	Max.	Date	Min.	Date	Daily Mean	No. of days
Lerwick Observatory	787	2 June	4	15 Dec	200·8	366	381	1 June	3	16 Dec	130·3	366	811	2 June	4	16 Dec 29 Dec	220·9	366
Eskdalemuir Observatory	784	26 May	4	4 Jan	215·2	366	400	21 June	4	4 Jan	141·7	366	806	1 July	4	4 Jan	230·0	366
Cambridge	808	26 June	8	12 Jan	261·2	366	447	23 June	8	12 Jan	151·6	366	—	—	—	—	—	—
Kingsway	781	13 July	7	12 Dec	255·6	366	413	11 June	7	12 Dec	146·7	366	872	9 June	10	12 Jan 12 Dec	280·6	366
Kew Observatory	759	13 July	7	22 Dec	255·4	366	389	11 June	7	22 Dec	143·3	366	890	13 July	9	16 Feb	288·6	366
Aberporth	793	19 May	7	24 Dec	284·0	366	470	2 July	7	24 Dec	162·6	366	—	—	—	—	—	—

CORRECTION.
The page numbering of Volume 81 No. 12, December 1964 is incorrect.
The page numbering should read 177-192 not 179-194 as shewn.

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