

THE MONTHLY WEATHER REPORT, 1965

METEOROLOGICAL OFFICE

THE MONTHLY WEATHER REPORT 1965

LONDON: HER MAJESTY'S STATIONERY OFFICE

1966

# THE MONTHLY WEATHER REPORT, 1965

Vol. 82

## CONTENTS

### INTRODUCTION

A Brief History of the Monthly Weather Report .. .. .	iii
General Arrangement of the Monthly Parts .. .. .	iii
General Arrangement of the Annual Summary .. .. .	iii
Notes on the Tables	
Table I. District Values .. .. .	iv
Table II. Summary of Autographic Records of Wind .. .. .	iv
Table III. Summary of Daily Observations .. .. .	v
Table IV. Summary of Observations at Fixed Hours .. .. .	vi
Table VIII. Number of Days with Maximum and Minimum Temperatures between given limits .. .. .	vi
Table XIII. Solar Radiation and Illumination .. .. .	vi
Heights of Stations above Mean Sea Level .. .. .	vii
High Level Stations—Extremes of Temperature .. .. .	vii
Averages .. .. .	vii
Standards of Time .. .. .	vii
Interpolated Values .. .. .	vii
Sea Temperatures .. .. .	vii
Additional Records available for 1965 .. .. .	viii
List of Stations making Returns .. .. .	viii
Amendments to List of Stations making Returns .. .. .	viii
Changes in the Number of Stations Published in 1965 .. .. .	ix
MONTHLY WEATHER REPORTS, 1965 .. .. .	1
ANNUAL SUMMARY .. .. .	193

*All enquiries relating to this publication should be addressed to:*

*The Director-General, Meteorological Office (Met.O.3a)*

*London Road, Bracknell, Berkshire*

# INTRODUCTION

The *Monthly Weather Report* summarises weather observations taken at some 600 stations in the United Kingdom. Particulars of the standards required and the methods adopted in taking the observations are given in the *Observer's Handbook*.

The Introduction to the Report, which is published separately towards the end of the year and forms part of the volume, gives particulars of any changes made since the previous year both in the observations and in the stations making the returns. It also gives particulars of the various items tabulated. Every three or four years a complete list of observing stations is published in the Introduction, together with the names of the Authorities responsible for them.

The Annual Summary is similar in form to the monthly parts and concludes the Report for a particular year. It also contains additional tables and a special section on wind.

## A BRIEF HISTORY OF THE MONTHLY WEATHER REPORT

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*. Data on radiation relating to the period 1911-21 was published in the *British Meteorological and Magnetic Year Book*, Part III, Section 2, and for the period 1922-56 in the *Observatories Year Book*. Further historical details 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 MONTHLY PARTS

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

1. General remarks on the development of the weather and the movement of weather systems 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, earth temperature, rainfall and duration of bright sunshine based on observations at 'district value' stations, five such stations having been selected as representative of each district. There are nine districts. Northern Ireland is one, each of the other eight is made up of a number of adjacent counties in Britain broadly grouped according to their general climatic features. The counties in each group are shown in Table III.
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. (G.M.T.) together with the average distribution of pressure at 9 h. for the month over the period 1921-50. The isobars are extended over the Irish Republic from data kindly supplied by the Director of the Meteorological Service, Dublin.
  - (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. Summaries for individual stations, of extreme and mean air temperatures, mean earth temperatures at 1 foot and 4 feet, rainfall and sunshine, and 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. 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.
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.

## GENERAL ARRANGEMENT OF THE ANNUAL SUMMARY

The Annual Summary of each volume of the *Monthly Weather Report* includes general remarks, maps and tables for the year as a whole and was first published in 1903. The general arrangement is as follows:

1. General remarks on the weather of the year consisting of a brief review of some of the most noteworthy events, a short survey of the main synoptic features, and a description of the development of the weather during the year.
2. A table giving a summary of autographic records of wind, corresponding to Table II in the monthly parts of the report, is given in the wind section of the Summary and becomes Table IX.

3. Maps and Tables I, III, IV, VIII and XIII corresponding to those in the monthly issues but based on data for the year as a whole.
  4. Table V. Highest and lowest maximum and minimum temperatures during the year at each station.
  5. Table VI. Monthly frequencies of duration of bright sunshine at 20 selected stations.
  6. Table VII. Frequency of specified daily rainfall totals for 30 selected stations.
  7. Table X. The number of hours during the year with gusts exceeding (a) 33 kt and (b) 47 kt at each anemograph station.
  8. Table XI. Occasions of 'strong gales' during the year.
  9. Table XII. Dates on which gusts of 48 kt or more occurred during the year.
- Tables IX, X, XI and XII together comprise the wind section.

NOTES ON THE TABLES

TABLE I. DISTRICT VALUES

A table in this form was started in 1908, and was revised in 1928, 1941, 1956 and 1964.

The District Values are computed from the statistics for the individual stations (known as District Value Stations) listed below, the differences from and percentages of average for air temperature, earth temperature and sunshine being the means of the corresponding values for these stations. The percentages of average rainfall are similarly derived except that the value for Northern Ireland is based on the much larger number of stations used in the 'General Values' published in *British Rainfall*.\* The values given in Table I for Scotland and for England and Wales are the means for these countries, again except for rainfall where they are based on the much larger number of stations used in *British Rainfall*. The highest and lowest temperatures refer only to District Value Stations.

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

In the above table TR stands for temperature and rainfall, E1 and E4 for earth temperature at 1 foot and 4 feet respectively and S for sunshine.

Stations used for computing District Values of temperature and rainfall are marked in Table III by the sign ¶, and those for sunshine by the sign §. From January 1966 the stations used for computing District Values of earth temperatures will be marked by the sign €.

TABLE II. SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

This table was started in 1914 and there were minor revisions in 1932 and 1956.

About half the records used in the preparation of this table are obtained from pressure-tube anemographs; at the remainder electrical recorders have been brought into use.

DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED

The classification of wind speed is based on 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 for mean hourly distribution correspond to wind speeds (meaned over an hour) equivalent to Force 8 and

\* Meteorological Office, *British Rainfall*, London.

above (gales), Forces 7 and 6 (strong winds), Forces 5 and 4 (moderate breezes), Forces 3 and 2 (light breezes), Forces 1 and 0 (nearly calm). Some information as to 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 (GMT) in each of which the mean wind velocity was between the stated limits.

#### HIGHEST VELOCITIES

The 'Highest Hourly Wind' refers to the mean for a period of 60 minutes ended at an exact hour (GMT). Under the heading 'Veer from N', the direction from which the wind was blowing is stated, e.g. the entry for an east wind being 090°, that for a south wind 180° and so on.

TABLE III. SUMMARY OF DAILY OBSERVATIONS

This table was first published in its present form in 1915.

#### AIR TEMPERATURE

The terminal hours (GMT) for reading maximum and minimum temperatures are given for each station in column 2 of the table. When the hours are stated independently the temperatures refer to intervals of 24 hours ending at that time. When the maximum thermometer is read at 9 h the reading is credited to the previous day. When the terminal hours as shown in column 2 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 utilised in determining the means for the month. In such cases the day-minimum and night-maximum temperatures are also read by the observers. The highest and lowest temperatures recorded in each district of the table are underlined.

The measurements of air temperature are made in white painted louvered screens supported over short grass in the open, the bulbs of the thermometers being approximately 4 feet above ground. The nearest object should be at least twice its height away from the screen. At Kew Observatory the thermometers are 10 feet above the ground in a louvered screen on the north wall.

#### EARTH TEMPERATURES

Measurements of earth temperature are taken at 9 h (GMT) from thermometers suspended in steel tubes sunk vertically in the ground, the bulb of the thermometer being at the appropriate depth. The tubes are fitted with small metal covers so that water will not collect in the tubes.

#### RAINFALL

Rainfall includes all forms of precipitation. The daily amounts refer to the total accumulated during the 24-hour period 9 h to 9 h (GMT), and as the greater part of this period occurs on the day previous to that of reading, the amount is credited to that day. That is, the amount read at 9 h on the first day of a month is credited to the last day of the previous month and is used in computing the monthly total for that month.

#### WEATHER

*Number of days of precipitation.* Every day when rainfall (over the 24-hour period 9 h to 9 h (GMT)) exceeds the limits .01 inch (0.2 mm) and .04 inch (1 mm) is counted. The lower limit excludes 'traces' of precipitation; very occasionally the lower limit is passed when the precipitation is only in the form of dew.

*Snow or sleet.* Every day when snow or sleet is observed to fall, at any time of the day (from midnight to midnight GMT), is counted even though the quantity is so small that no measurable amount is collected in the rain gauge.

*Snow lying at 9 h (GMT).* Every day when snow is lying at 9 h, covering half or more of the flat ground easily visible from the station and not differing from it in altitude by more than 100 feet, is counted. In judging if half the ground is covered no account is taken of bare patches under trees or of areas occupied by water.

*Hail.* For the purpose of this summary 'Hail', which includes soft hail, is defined as small pieces of ice with diameter of 5 mm upwards, falling either separately or agglomerated into irregular lumps.

*Ice or snow pellets, etc.* Every day when ice pellets or snow pellets up to 5 mm in diameter, or ice grains or ice needles occur, is counted.

*Thunder heard.* Every day when thunder is heard, at any time from midnight to midnight (GMT), is counted as a day of thunder.

*Fog at 9 h (GMT).* 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 (GMT). Any variability of the hour of observation may make a great difference to the statistics of fog frequency. When the visibility is different in different directions the observation taken in the direction of worst visibility is used in determining a day of fog.

*Air frost.* An air frost is counted when the screen minimum temperature, read either at the terminal hour of 9 h or 21 h (GMT), was below 0.0°C.

*Grass minimum below 0°C.* A day of grass minimum temperature below 0°C is entered when the reading of the grass minimum thermometer at 9 h (GMT) was below 0°C, the thermometer having been set and exposed at 21 h (GMT) or soon after sunset the previous evening, or, at stations where this is not possible, at 9 h (GMT) the previous day. The time of setting the thermometer should not vary from day to day and the entry is credited to the day of reading. The

grass minimum temperature refers either to the 24-hour period 9 h to 9 h (GMT) or to the shorter period covering the whole night (e.g. sunset to 9 h GMT).

*Gale.* A gale is a wind of Force 8 or upwards on the Beaufort scale. Days of gale are those days when a mean wind speed of 34 kt or more is experienced at any time during the 24 hours from midnight to midnight.

#### 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 the sun is over 3° above the horizon.

TABLE IV. SUMMARY OF OBSERVATIONS AT FIXED HOURS

This table in its present form was started in 1915, but a table in the *Monthly Weather Report* as early as 1908 included values of humidity and cloud amount at the mid-day hour of observation.

Since January 1945 the hours of observation have been 3, 9, 15, 21 h (GMT) and from that date departure from the average pressure at 9 h (GMT) have been given.

#### MEAN AIR PRESSURE

This is expressed in millibars (1 millibar = 1,000 dynes per square centimetre = the pressure due to .750062 mm of mercury at 0°C, and standard gravity 980.665 cm/sec<sup>2</sup>). 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 are based on readings of dry- and wet-bulb thermometers in louvered screens. The observations are reduced by Hygrometric Tables based on a formula by Regnault, issued by the Meteorological Office and revised in 1964. 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 a letter 'H', but this marking will be discontinued after December 1965. At a few stations the means of the relative humidity and vapour pressure are derived from the monthly means of the dry- and wet-bulb readings. From January 1966 these stations will be indicated by an asterisk against the station name.

#### CLOUD AMOUNT

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

#### VISIBILITY

The ranges, specified by international arrangement in metres, are given at the head of the appropriate columns in yards or 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.

Tables III and IV together include practically all the items comprised in the international forms of monthly climatological summaries (Formats I to IV of Annexe 12A of the *Guide to Climatological Practices*, World Meteorological Organisation, Geneva, 1960); and they give, in addition, information regarding the duration of bright sunshine, mean earth temperatures at 1 foot and 4 feet, the number of observations of different ranges of visibility and the number of observations of the different total amounts of cloud.

TABLE VIII. NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

This table was introduced into the *Monthly Weather Report* in 1956 but in respect of the year as a whole it has been published in the Annual Summary since 1913.

TABLE XIII. SOLAR RADIATION AND ILLUMINATION

The present Table XIII dates from 1957, but radiation data were first published in the *Monthly Weather Report* in 1935.

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

If in any month the data for any days are incomplete owing to instrumental or other faults, these data are completed by estimated values, using other available radiation data, if at all possible. The average daily value for complete days is then taken, but if seven or more days in the month are still incomplete then the daily mean for that month is not published. The daily means for the year are computed from the monthly means. Up to and including the table for

December 1965, no value for an extreme was given when it was possible that the extreme value for the month or for the year occurred on a day for which the data were either incomplete or estimated. With effect from the tables for January 1966, if the extreme value has been obtained from data which have been partly or wholly estimated then the value will be given in brackets.

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 published data 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 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—EXTREMES OF TEMPERATURE

From January 1965 onwards in order not to give undue prominence to minimum temperatures at high level stations:

1. Extremes in Table I refer to District Value stations only.
2. Extremes, taking into account all the stations published, are given in the text, the next 'best' being quoted as necessary.
3. The highest and lowest temperatures recorded in each district are 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 *Averages of Rainfall for Great Britain and Northern Ireland, 1916–1950* (M.O. 635).

##### PRESSURE (TABLE IV)

The averages refer to 9 h (GMT) for period 1921–1950 and have been 'weighted' where necessary. From January 1, 1966 pressure averages will refer to the period 1931–1960.

##### TEMPERATURE AND SUNSHINE (TABLE III)

The averages refer to the period 1931–1960 and are given in *Averages of Temperature for Great Britain and Northern Ireland, 1931–1960* (M.O. 735) and *Averages of Bright Sunshine for Great Britain and Northern Ireland, 1931–1960* (M.O. 743) respectively.

##### EARTH TEMPERATURES 1 FOOT AND 4 FOOT

The averages refer to the period 1921–1950 and are given in *Averages of Earth Temperature for the British Isles* (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 April 11 to October 24; during this period clocks were 1 hour in advance of Greenwich Mean Time. At all other times clocks referred to Greenwich Mean Time. Observations 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. Values obtained in this way are shown in brackets thus: (11.3).

#### SEA TEMPERATURES

Mean sea-surface temperatures for the months of the year 1965 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 temperatures to the Meteorological Office.

ADDITIONAL RECORDS AVAILABLE FOR 1965

Some additional records for 1965 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 stations in England and Wales are available at the Meteorological Office, Met. O. 3, Bracknell; those for Scotland at the Meteorological Office, Edinburgh, and those for Northern Ireland at the Meteorological Office, Belfast.

LIST OF STATIONS MAKING RETURNS

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 amendment lists hereunder 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.

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

Sa, Sb. 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: stations manned by Meteorological Office personnel (Sa), and auxiliary stations manned by coastguards, lighthouse-keepers, etc. (Sb).

C. Climatological Stations. These stations contribute observations made daily at 9 h (GMT) (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.

Ag. Agricultural Meteorological Stations. 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.

H. Health Resort Stations. 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 GMT) which are reported to the Meteorological Office by telegram for communication to the national press.

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

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

AMENDMENTS TO LIST OF STATIONS MAKING RETURNS

The following changes should be made in the list published in the Introduction to the 1963 volume as amended by the changes listed on page vii of the Introduction to 1964.

1. Additions or alterations.

Station	Type	County	Lat.	Long.	Authority
<i>Almahinch</i>	C	Antrim	55 03N	06 15W	Ballymoney R.D.C.
<i>Brodick Castle</i>	C	Bute	55 36N	05 09W	National Trust for Scotland
<i>Bryn Adda</i>	Ag	Caernarvon	53 13N	04 09W	University College of North Wales
<i>Caistor</i>	C	Lincoln	53 30N	00 22W	Cherry Valley Farms Ltd.
<i>Elgin</i>	C	Moray	57 39N	03 17W	Elgin Town Council
<i>Evie</i>	C	Orkney	59 06N	03 05W	Mr. John Will
<i>Glenbranter</i>	C	Argyll	56 08N	05 02W	Forestry Commission (Scotland)
<i>Kildonan</i>	Sb	Bute	55 26N	05 07W	Board of Trade (Coastguard)
<i>Kilmarnock</i>	C	Ayr	55 37N	04 31W	Town Council
<i>Lathom Park</i>	C	Lancashire	53 34N	02 49W	Pilkington Bros. Ltd.
<i>Lisnaskea</i>	C	Fermanagh	54 16N	07 28W	Milk Marketing Board, N.I.
London (High Holborn)	A	London	51 31N	00 07W	Meteorological Office (L.W.C.)
<i>Lowtown</i>	Ag	Antrim	54 50N	06 01W	Greenmount Agricultural College
<i>Lurgan</i>	C	Armagh	54 27N	06 20W	Craigavon Design Office
<i>Machrihanish</i>	Sa	Argyll	55 26N	05 42W	Meteorological Office
<i>Marholm</i>	C	Northampton	52 36N	00 19W	Lord Fitzwilliam
<i>Ness Gardens</i>	C	Cheshire	53 16N	03 03W	The University of Liverpool
<i>Plumpton</i>	Ag	Sussex	50 54N	00 05W	Principal, School of Agriculture
<i>Portadown</i>	C	Armagh	54 26N	06 25W	Craigavon Design Office
<i>Rudh Re</i>	Sb	Ross and Cromarty	57 52N	05 49W	Northern Lighthouse Board
<i>Shirburn Castle</i>	C	Oxford	51 40N	00 59W	Mr. J. D. G. Parker
<i>Sutton Bridge</i>	C	Lincoln	52 45N	00 11E	Potato Marketing Board
<i>Turnberry</i>	C	Ayr	55 19N	04 50W	British Transport Hotels
<i>Usan</i>	Sb	Angus	56 41N	02 27W	Board of Trade (Coastguard)
<i>Violet Hill</i>	C	Armagh	54 11N	06 20W	St. Colman's College

2. Deletions. Auchterhouse, *Barrow-in-Furness*, Bunhill Row, Costa, Dishforth, Dunning, Edinburgh (Liberton), *Enfield*, Gainsborough, Kingsway, North Berwick, Oban.

#### CHANGES IN THE NUMBER OF STATIONS PUBLISHED IN 1965

The following lists give stations published during 1965 in addition to those published in 1964, and stations deleted in 1965 from the 1964 list of published stations.

1. Stations published in 1965 but not in 1964. Aldenham School, Ballymoney, Bletchley, Brigg, Brooms Barn, Caistor, Chapelcross, Evie, Finnart, Fort Augustus (anemograph), Gleneagles, Glenlivet, Harlow, High Holborn, Kilnsea, Lanark, Machrihanish, Milford Haven, Newton Stewart, Newtown Abbey, Orierton, Parkmore Forest, Penketh, Princetown, Reagh Island, Rosetta, Seahouses, Tummel Bridge, Wealdstone, West Malling, Yeovilton.

2. Stations published in 1964 but not in 1965. Auchterhouse, Costa, Dunning, Edinburgh (Liberton), Gainsborough, Kingsway, North Berwick, Oban.

Correction to M.O. 488

#### **The Climatological Atlas of the British Isles**

The values of average hourly duration of bright sunshine for Eskdalemuir during the period 1911-30 shown on page 125 of this atlas are all too low and should be increased by 50 per cent.

The following publications have been published in 1952:  
1. *Journal of the American Chemical Society*, 74, 1, 1-10 (1952)  
2. *Journal of the American Chemical Society*, 74, 2, 1-10 (1952)  
3. *Journal of the American Chemical Society*, 74, 3, 1-10 (1952)  
4. *Journal of the American Chemical Society*, 74, 4, 1-10 (1952)  
5. *Journal of the American Chemical Society*, 74, 5, 1-10 (1952)  
6. *Journal of the American Chemical Society*, 74, 6, 1-10 (1952)  
7. *Journal of the American Chemical Society*, 74, 7, 1-10 (1952)  
8. *Journal of the American Chemical Society*, 74, 8, 1-10 (1952)  
9. *Journal of the American Chemical Society*, 74, 9, 1-10 (1952)  
10. *Journal of the American Chemical Society*, 74, 10, 1-10 (1952)

Correction to p. 10, 1952  
The Chemical Abstracts of the British Isles  
The values of average number of origin numbers for Eukaryotes  
during the period 1911-50 shown on page 12 of this issue are all too  
low and should be increased by 50 percent.

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 1

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### January 1965 — *Mainly cyclonic; cold early and late.*

An anticyclone moving southwards off the west of the British Isles dominated the weather during the first week but troughs of low pressure from the Atlantic moving eastwards across the country gave predominantly cyclonic weather from the 7th until the 25th. The remainder of the month was mainly anticyclonic with high pressure to the north of the British Isles.

The month began sunny and cold with scattered wintry showers in a northerly airstream. Many places in west and south-west England had more than 8 hours of sunshine during each of the first three days, and by the 3rd many north-east coastal areas were covered by 2 inches of snow. Westerly winds from the Atlantic brought milder weather to Scotland on the 4th.

After a generally sunny day on the 5th, mild south-west to west winds became established over most of the country on the 6th and persisted for about a week. The 6th and 7th were dull with widespread rain but the 8th was generally sunny although overnight rain was slow to clear south-east England. The 9th and 10th were particularly wet and stormy days; more than 1 inch of rain was recorded at many places in the north-west and Midlands on the 9th and wind reached gale force locally in the south on the 10th. There were some sunny periods in the west and north on the 11th but frontal rain from the Atlantic reached western districts that evening and continued throughout the night and for most of the next day. The persistent rain caused widespread flooding in Wales and the Lake District from the 10th until the 13th.

The 13th was another very wet and stormy day, an intense depression deepening considerably as it moved eastward across Scotland during the night; rainfall exceeded 1 inch in many districts, the heaviest fall being at Clatteringshaws, Kircudbright, where 2.24 inches was recorded, and wind reached 80 kt at Carlisle and Ronaldsway. As the depression reached the North Sea winds veered towards the north-west and weather became colder. Wintry showers spread to many areas on the 14th, high ground in the north becoming snow-covered; at Malham Tarn snow lay 2 inches deep.

A showery day with local thunderstorms and with snow or sleet in the north, was followed on the 16th by a temporary return to milder weather and rain as the fronts of a deep depression near Iceland approached western districts. A day of squally showers and scattered thunderstorms followed with wind reaching gale force over most of the country; gusts of 83 and 84 kt were recorded at Lizard and Valley respectively.

On the 18th a polar depression off the west coast of Scotland brought rather frequent snow showers to western districts, but on the 19th showers were very scattered with long sunny periods and light variable winds. The next day a vigorous depression moved from south-west Ireland to the English Channel bringing heavy falls of snow to many districts; at Tredegar, South Wales, level snow lay 12 inches deep. The 21st was a generally cloudy day, the cloud thickening and lowering with the approach of a trough of low pressure from the west which brought further falls of snow that night; in parts of the Chilterns level snow lay 5 inches deep.

The weather pattern changed on the 24th as winds became light and variable over the country. Fog developed in many districts that night and persisted for much of the 25th. The next day an easterly airstream associated with a ridge of high pressure extending from Scandinavia to west of the Shetlands cleared most of the fog and brought day temperatures again

below normal. By the 27th frost had become widespread and was moderate to severe, especially in northern districts, during the last few days of the month. Weather during this time was particularly sunny in western districts in contrast with south-east England where it was generally dull with scattered snow showers.

**Pressure and Wind** — Mean pressure was everywhere below the 1921-50 average, the deficit at 9 hr. ranging from 2.4 mb at Stornoway to 5.8 at Gorleston. Surface winds, northerly at first, were mainly south-westerly on the 5th-17th, rather variable but moderate at times on the 18th-25th and easterly during the last six days of the month. Gales were widespread on the 13th and 17th. A gust of 94 kt was recorded at the high level station of Great Dun Fell (2780 ft) on the 14th.

**Temperature** — Temperatures over the month were only a little below average in England and Wales, milder periods in the second and third weeks being offset by cold spells at the beginning and end of the month. The warmest days were around the 11th and the coldest nights in England and Wales around the 3rd/4th; in Scotland night temperatures were below the average during the second half of the month, the coldest night being the 31st.

Extremes included: (England and Wales) 14.4°C at Wye on the 5th, -12.2°C at Houghall on the 30th; (Scotland) 13.3°C at Stirling on the 10th, -14.4°C at Camps Reservoir on the 30th; (Northern Ireland) 12.8°C at Tollymore Park on the 7th, -7.2°C at several places on the 29th and 30th.

**Rainfall** — In Scotland rainfall amounts were generally around average but there were local excesses especially near the north-east coasts. In England and Wales rainfall was below average over the East Riding of Yorkshire, over part of Lincolnshire, over most of East Anglia and over the South Midlands and south-east England, apart from south coast districts in Sussex and Kent. It was 50 per cent above the average locally in North Wales and the Northern Pennines.

Snow or sleet fell at one place or another every day in Scotland. In England and Wales there was some snow in northern and eastern districts during the first four days of the month, but the main falls occurred around the 19th-22nd and 26th-28th. Snow was 3-6 inches deep in many parts of the Midlands around the 22nd, and in northern England around the 28th.

Thunder was heard on 11 days in Scotland and on the 14th-19th and 21st (7 days) in England and Wales. Thunderstorms were widespread on the 17th.

**Sunshine** — It was an unusually sunny month, sunshine amounts being considerably above the average in most places, they were more than 190 per cent of the average at Onich and Helensburg in Scotland, and at Ambleside and Huddersfield further south; parts of the London area had more than twice the average sunshine. At Paisley it was the sunniest January since 1895.

**Fog** — In Scotland fog was observed at 9 hr at one place or another on 20 days, and in England and Wales on the 2nd-8th, 10th, 15th, 16th, 18th-22nd and 24th-30th (22 days). It persisted in many areas throughout the 25th.

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

TABLE I—DISTRICT VALUES— JANUARY.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					%		%		
0 SCOTLAND, N.	10.8	-6.2	-0.6	-0.7	-0.7	-	-	0	120	121
1 SCOTLAND, E.	11.1	-11.1	-0.7	-0.4	+0.5	-	-	+1	98	109
2 ENGLAND, N.E.	11.5	-8.3	-0.1	0.0	0.0	-0.5	-0.1	+2	97	130
3 ENGLAND, E.	12.2	-6.4	0.0	+0.3	+0.2	-0.6	-0.6	+1	83	131
4 MIDLANDS	11.7	-5.9	-0.1	+0.1	0.0	-0.8	-0.5	+1	101	151
5 ENGLAND, S.E.	12.8	-6.0	-0.1	+0.2	+0.1	-0.6	-0.5	+1	99	134

\*Highest Max. and Lowest Min. of the District Value Stations

1965

(1908, revised 1928, 1941, 1956 and 1964)

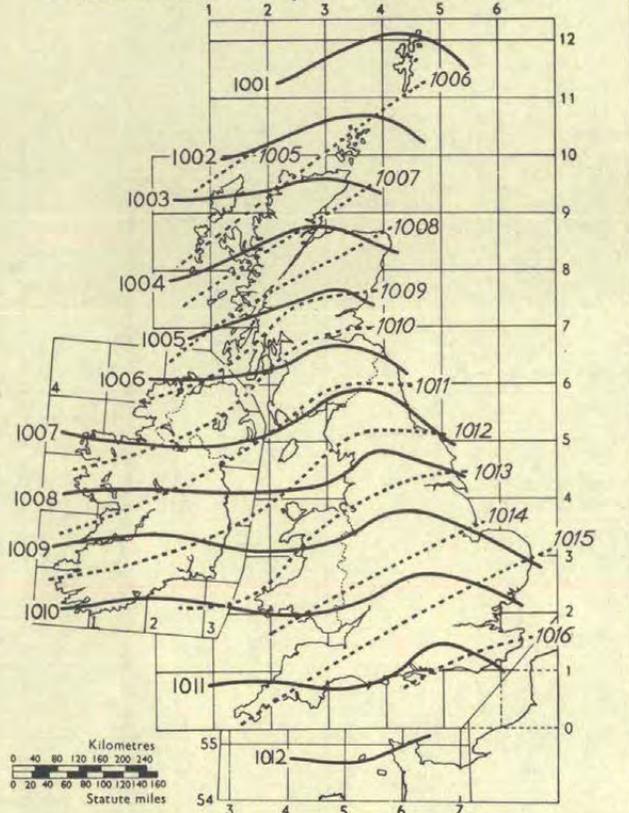
DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					%		%		
6 SCOTLAND, W.	11.3	-10.9	-0.5	-0.9	-0.6	-0.6	-0.3	-4	103	171
7 ENGLAND, N.W. and N. Wales	13.3	-8.3	-0.4	-0.1	-0.2	-0.7	-0.3	-2	113	125
8 ENGLAND, S.W. and S. Wales	12.2	-6.1	-0.5	-0.5	-0.5	-0.7	-0.8	+1	117	127
9 IRELAND	12.3	-6.7	-0.8	-1.4	-1.1	-	-	-1	120	119
SCOTLAND	11.3	-11.1	-0.8	-0.7	-0.6	-	-	-1	102	134
ENG. and WALES	13.3	-8.3	-0.2	0.0	-0.1	-	-	+1	105	133

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JANUARY, 1965 (1914)

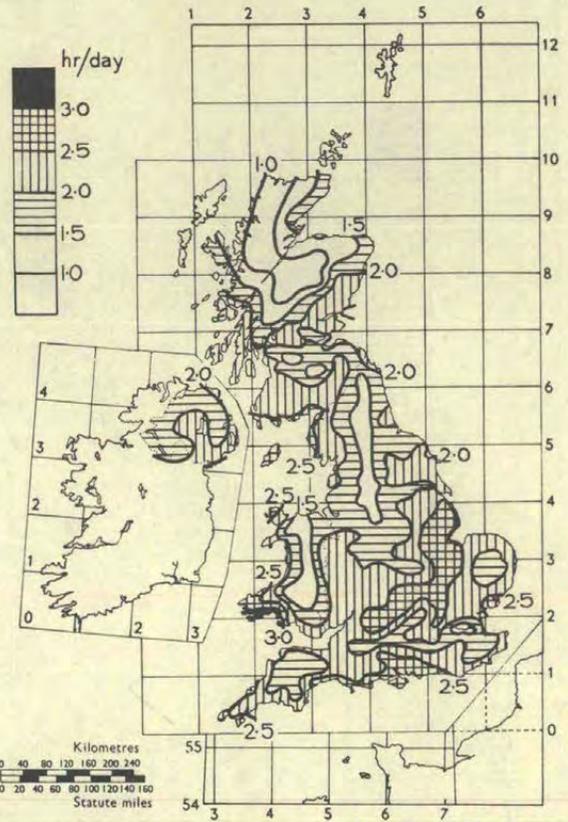
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed									Mean Hourly Wind Speed	Highest Velocities						
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Highest Hourly Wind			Highest Gust					
				Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	knots		Speed	Hour ended at	Speed	Day and Time			
																	hr.	hr.	hr.	hr.
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	10	7	19	109	394	187	47	0	14.4	160	39	10	12	60	10	1110
Orkney	Kirkwall	134	50	33	10,14	10	18	103	426	171	34	0	14.8	340	45	14	04	63	14	0310
Caitness	Dounreay	110	39	30	x															
Sutherland	Shin	78	33	33	-	0	2	6	157	303	278	0	6.5	320	27	14	03	46	14	0155
Ross & Cromarty	Stornoway (Coastguard)	120	40	36	12-14	6	19	155	301	209	73	0	14.3	030	43	13	22	64	14	0010
Inverness	Duirinish	125	65	55	14	3	13	61	293	195	142	50	11.0	340	43	14	02	66	14	0210
	Benbecula	69	51	35	13,14,21,22	7	14	112	329	246	50	0	13.6	360	36	13	23	54	16	1940
	Fort Augustus	189	53	53	-	0	0	0	97	273	371	3	4.7	(270)	19	16	21	(46)	16	2025
1 Moray	Kinloss	57	41	41	14	3	7	25	387	275	54	0	11.5	330	41	14	03	59	14	0210
	Lossiemouth	101	80	60	14	4	5	15	367	249	109	0	10.5	320	41	14	03	68	14	0230
Aberdeen	Dyce	234	30	30	14	3	8	21	379	259	82	0	10.7	310	40	14	05	64	14	0430
Angus	Bell Rock Lighthouse	128	131	124	10,11,13,14,16	37	27	250	382	65	10	0	20.0	280	45	14	06	60	14	0540
Perth	Rannoch	1006	56	57	x															
	Tunnel Bridge	528	53	53	-	0	2	4	98	328	314	0	5.4	290	27	14	03	47	14	0240
Fife	Leuchars	78	40	40	11,14	3	8	35	300	337	69	0	10.8	300	38	14	04	60	14	0345
Midlothian	Turnhouse	137	40	33	-	0	9	38	290	272	144	0	10.1	220	31	17	11	63	17	1045
	Edinburgh, Bleekford Hill	496	50	34	10,11,13,14,16,17	16	16	163	318	202	45	0	15.1	180	39	11	09	71	17	1000
6a Argyll	Tiree	89	60	47	12-17,21,22	37	22	195	308	125	79	0	16.7	320	49	13	24	69	14	0315
Bute	Millport	50	34	34	14	0	3	6	173	310	255	0	6.8	310	31	14	03	62	14	0225
Renfrew	Paisley	188	81	31	-	0	3	6	173	310	255	0	6.8	310	31	14	03	62	14	0225
	Renfrew	71	41	39	-	0	6	27	264	270	183	0	9.0	230	32	17	10	64	17	0935
Lanark	Lowther Hill	2412	43	33	10-14,16,17,23,24	52	24	245	329	109	9	0	19.8	310	54	14	04	76	14	0200
Ayr	Prestwick Airport	68	33	33	13,14	6	8	43	328	199	168	0	10.5	270	40	13	24	64	13	2325
Dumfries	Chapelcross	310	50	50	13	1	5	34	309	297	103	0	10.2	230	39	13	24	67	13	2255
	Eskdalemuir Observatory	825	50	35	13,14	5	7	43	165	325	206	0	8.3	210	39	13	23	66	14	0330
Wigtown	West Freugh	81	33	33	11,13,14,17	18	13	91	259	316	60	0	12.6	250	49	13	22	76	14	0340
ENGLAND AND WALES																				
6b Isle of Man	Ronaldsway	119	64	39	10,11,13,14,16	80	18	155	316	161	32	0	18.1	250	55	13	22	81	13	2235
	Point of Ayre	64	33	33	10,13,14,17,18	28	18	152	455	98	11	0	17.1	(260)	(52)	14	01	72	13	2350
2 Durham	Durham	389	53	33	13,14	7	5	32	337	269	99	0	10.7	270	42	14	05	80	14	0315
	South Shields	73	57	44	-	0	4	15	356	313	60	0	10.6	270	33	14	04	56	14	0350
Yorks., E.R.	Kilnsea	76	39	33	13,14,17	7	16	116	529	87	0	5	15.6	270	38	14	08	65	17	0015
Lincoln	Cranwell	288	47	47	x															
3 Norfolk	Gorleston	54	43	43	13	6	17	113	456	164	5	0	15.4	190	38	13	20	50	13	1915
Suffolk	Mildenhall	98	83	60	-	0	6	37	183	399	125	0	8.9	260	30	17	19	58	17	0305
Bedford	Bedford	322	42	30	-	0	9	73	337	325	9	0	12.3	230	30	17	24	52	17	2330
	Cardington	226	133	133	13,16-18	17	13	125	361	217	22	2	14.9	230	39	18	01	56	18	0015
Hertford	Garston	307	50	33	-	0	3	9	142	528	65	0	8.1	280	25	18	03	57	18	0125
	Rothamsted	461	41	33	-	0	1	4	207	459	74	0	8.5	250	22	18	03	52	18	0415
Essex	Stansted	351	31	31	18	1	6	47	321	356	19	0	11.7	240	34	18	01	52	18	0030
	Coryton	66	57	48	-	0	4	17	238	450	39	0	9.9	210	25	13	20	49	17	0255
	Shoeburyness	118	106	91	11,13,16,20	19	15	165	436	122	2	0	16.9	190	47	13	18	61	13	1855
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	125	413	206	0	6.5	260	21	14	04	64	17	0025
Warwick	Edgbaston	643	118	73	-	0	4	22	200	518	4	0	9.9	270	27	17	24	56	17	0125
	Elmdon	343	31	31	-	0	9	78	233	402	31	0	11.1	260	32	17	24	58	17	0120
Buckingham	Amersham	500	50	50	-	0	3	14	209	446	36	39	9.0	180	24	13	16	52	17	0345
Stafford	Keele	706	50	33	-	0	3	8	181	352	203	0	7.7	200	24	13	17	51	16	2005
Worcester	Pershore	154	33	33	13,17	5	10	96	277	282	84	0	12.1	260	35	17	15	58	17	1205
5 London	Kingsway	208	143	41	-	0	4	15	267	396	43	23	9.7	260	27	18	05	60	17	0225
Middlesex	London (Heathrow) Airport	115	33	33	-	0	8	67	333	279	65	0	11.9	190	32	13	18	55	17	0525
	Hampton	139	101	100	-	0	5	30	252	332	130	0	9.4	260	30	18	05	54	17	1440
Surrey	Kew Observatory	92	75	50	-	0	2	10	321	369	44	0	10.3	200	23	13	17	49	18	0450
	Gatwick	232	38	33	-	0	7	42	242	338	122	0	9.7	230	30	17	01	62	17	1445
Kent	Isle of Grain	48	40	33	-	0	6	27	287	362	68	0	10.4	200	28	13	21	51	17	1435
	Dungeness	70	50	33	11,13,14,16,17,20	25	18	216	292	199	12	0	17.4	220	46	13	22	72	13	2130
	Dover	68	38	62	-	0	13	99	366	254	25	0	13.4	220	32	13	21	53	13	1955
Sussex	Thorney Island	75	65	42	-	0	5	18	269	268	189	0	8.9	200	30	13	19	54	17	1420
Hampshire	Hurn	86	53	46	-	0	7	43	345	288	68	0	11.3	220	31	13	18	49	17	0205
	Calshot	50	41	33	13,20	8	8	49	435	252	0	0	13.6	120	36	20	07	49	13	1855
	S. Farnborough	318	69	35	-	0	6	69	264	334	77	0	11.1	250	33	18	03	64	17	1415
Berkshire	Abingdon	295	40	40	-	0	7	52	294	261	137	0	10.4	250	30	17	24	48	17	0325
Wiltshire	Larkhill	491	51	36	-	0	11	74	339	260	71	0	11.9	270	31	18	02	63	17	1340
	Boscombe Down	425	55	55	13,18	3	13	119	382	218	22	0	13.8	280	34	18	06	59	17	1340
	Porton	406	44	44	-	0	8	47	247	275	175	0	9.7	200	30	13	19	56	17	1345
7a Cumberland	Carlisle	137	42	30	10,13,14	10	6	51	238	286	159	0	9.8	240	47	13	24	80	13	2305
	Sellafield	83	39	35	13,14,17	12	12	59	286	310	77	0	11.6	260	45	14	03	67	14	0245
	Spadeadam	959	51	50	11,13,14	7	6	36	363	276										

## 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.

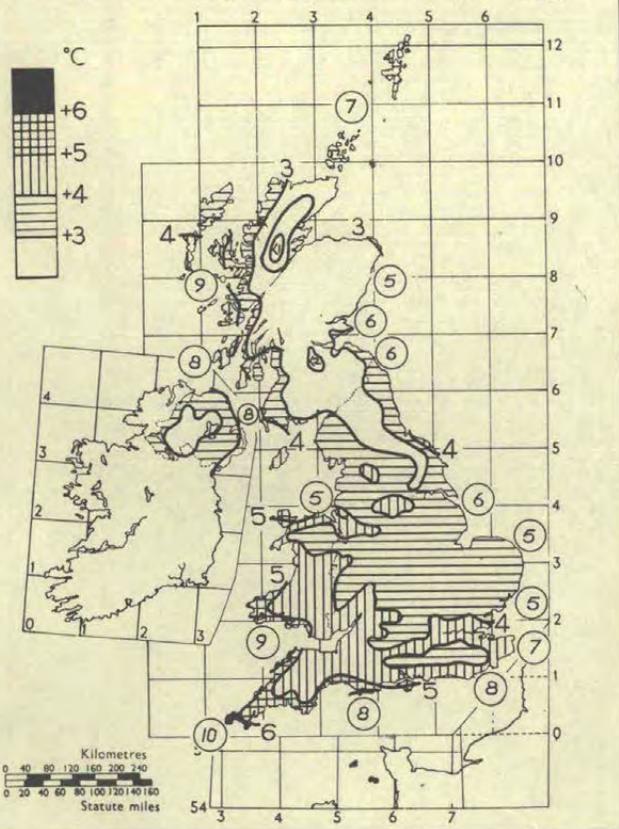


## BRIGHT SUNSHINE

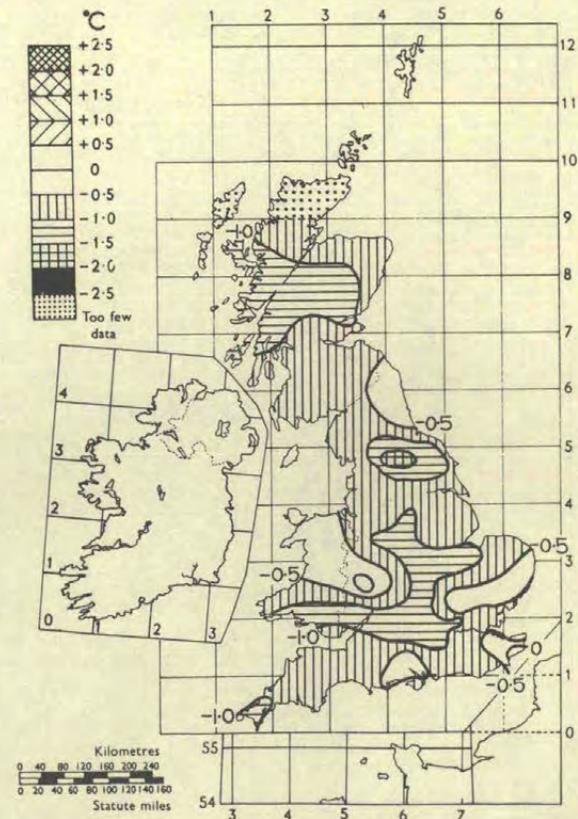


## MEAN AIR TEMPERATURE

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 1965

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

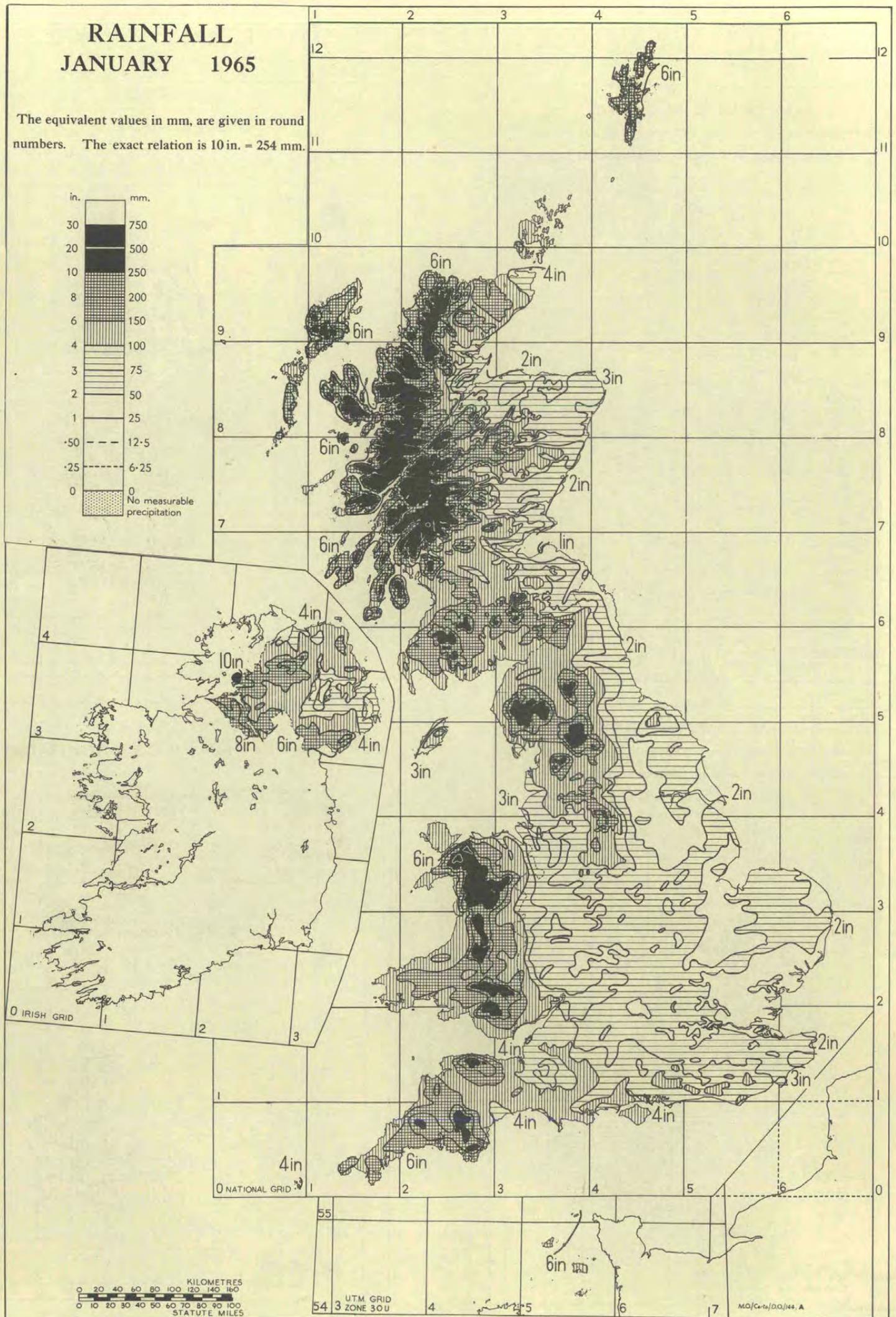
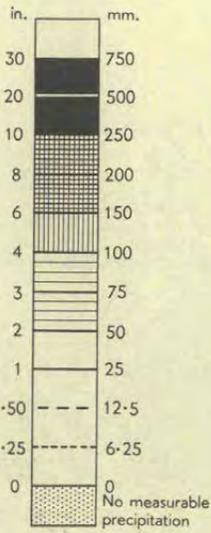


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 1965

Table with columns for District, County and Place; Terminal Hours of Observation; Height of Station; Air Temperature in Degrees Celsius (Means of A, B, C, D; Highest Maximum and Lowest Minimum); Mean Earth Temperature (1 ft., 4 ft.); Rainfall (Terminal hour 9 G.M.T.) (Total Fall, Percentage of Average, Most in a day, Precip'n); Weather (Number of days for various conditions); Bright Sunshine (Daily Mean, Percentage of Average).











TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 1965

Table with columns for District, County and Place; Terminal Hours of Observation; Air Temperature in Degrees Celsius; Mean Earth Temperature; Rainfall (Terminal hour 9 G.M.T.); Weather Number of days; and Bright Sunshine. Rows include locations like Devon, Cornwall, Northern Ireland, Londonderry, Antrim, Down, Armagh, Tyrone, Fermanagh, and Channel Isles.

† Air Frost - Screen Min. below 0°C.

‡ § See Notes on Tables in the Introduction.

¶ Average period 1916-1950

§ Average period 1931 - 60











# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 2

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965



February 1965 — *Dull, rather cold and very dry.*

Weather throughout the month was dominated by well developed anticyclones over, or to the west of the British Isles.

The month began quiet and cold with good sunny periods, especially in the west, but there were a few scattered wintry showers over the high ground in Scotland and in eastern coastal districts of England. Overnight fog patches were slow to clear in some places on the 3rd and 4th.

On the 4th an anticyclone, which had been centred over northern England since the 1st, moved to the west of Scotland. Winds freshened from the north and weather which had been generally dull, became rather mild, especially in western districts, while feeble troughs moving around the periphery of the anticyclone brought light rain and drizzle to much of the eastern half of England.

The anticyclone began to move southwards on the 9th and winds in the north backed to north-west. A frontal system, associated with a deep depression in high latitudes, brought slight rain and drizzle to all districts the next day as it moved southward over the country. By the 11th the anti-cyclone had moved far enough south for mild westerly weather to become general.

Two stormy days followed. On the 12th a depression deepened considerably as it moved eastward between Scotland and Iceland. Winds increased generally becoming strong in the north and reaching gale force in parts of Scotland. Rain reached western districts during the morning and had spread to most other parts of the country by the evening; it was mainly slight though there were moderate to heavy falls locally. Winds veered to north-west during the night as the depression approached southern Scandinavia. The next day a strong northerly airstream covered the British Isles with wind increasing to gale force in many areas—at Durham a gust of 70 kt was recorded. Temperature fell sharply and the rain gave place to squally showers of sleet or snow, ground becoming snow-covered for a time in some eastern districts.

The anticyclonic regime was renewed on the 14th as pressure rose to the west of Ireland. Wintry showers became less frequent and winds moderated but remained mainly northerly for the next two or three days. There were long sunny periods on the 14th, but weather was mainly cloudy with light rain here and there on the 15th and 16th as weak fronts spread round the northern side of the anticyclone centred near southern Ireland. The anticyclone moved northward to the west of Scotland on the 17th and colder weather with east to north-east winds extended across southern and central England during the next day or two bringing light showers of snow or sleet to many districts. By the 19th the anticyclone was centred off the north of Scotland and a belt of rain and drizzle spread westwards across all districts of the British Isles but this turned to snow during the night and on the mornings of the 20th and 21st many parts of the country were snow-covered to a depth of 1-2 inches.

The anticyclone which had been drifting north-west was centred over Iceland on the 22nd and troughs in a northerly airstream brought sleet and snow to many parts of the country though falls were mainly light and snow did not settle except on the higher ground. Although it was not quite so cold as previously in southern England temperature

remained well below average and this type of weather continued with little change until the end of the month.

**Pressure and Wind** — Mean pressure was considerably above the 1921-50 average everywhere, the excess at 9h ranging from 22.3 mb at Stornoway to 10.9 mb at Gorleston. Surface winds were mainly from a northerly point apart from light variable winds on the 1st-3rd, westerlies on the 11th-12th and easterlies around the 19th-24th. Winds reached gale force in Scotland on 8 days, and in England and Wales, apart from high level stations, on the 1st, 12th-14th and 20th (5 days). Gales were widespread on the 13th and severe in many northern districts; gusts of 87 kt and 83 kt were recorded at Lowther Hill (2412 ft.) and Stornoway respectively.

**Temperature** — In Scotland day temperatures were mainly above average except during the first and last few days of the month. The warmest days were around the 7th, 12th and 17th. Over the month as a whole temperatures were below the average in England and Wales, particularly during the day, and especially in the eastern half of the country. Day temperatures were a little above average around the 7th, 12th and 17th, but remained below average from the 17th until the end of the month. Extreme temperatures in each district are underlined in Table III.

**Precipitation** — Over Scotland as a whole it was the driest February for 30 years; only in restricted areas in the north-east was rainfall above the average while amounts of the order of only 10-20 per cent of average were reported from many districts. In England and Wales rainfall was above average only locally around Gorleston and over the North Yorkshire Moors. It was less than 25 per cent of the average west of the Pennines and south-west of a line Llandudno to Dungeness, and less than 10 per cent over most of south-west England, west of a line Southampton to Gloucester.

Two reports of thunder were received during the month, both from Scotland.

Snow or sleet was reported from Scotland on 16 days ground being snow-covered at 09h on 19 mornings. In England and Wales wintry showers occurred mainly during the second half of the month and ground was snow-covered in many places from the 19th to the 21st. Snow-cover during the first four days of the month, in places as far south as Dartmoor, was mainly associated with snowfall during the latter part of January.

**Sunshine** — In Scotland large deficits were reported from eastern and northern areas while there were excesses locally in the central belt and in the mid-west. At Rothesay sunshine was 152 per cent of the average, but at Stornoway it was the dullest February since 1903. In England and Wales deficits were greater in the north-east and Midlands than in the west; percentages ranging from 25 at Newport, Shropshire to 93 at Weymouth.

**Fog** — In Scotland fog was reported at 9h at one place or another on 14 days and in England and Wales on 20 days mainly during the first and last 10 days of the month.

**Miscellaneous Phenomena** — The aurora was observed on 7 nights in Scotland.

TABLE I—DISTRICT VALUES— FEBRUARY,

1965

(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				
0 SCOTLAND, N.	10.3	-5.6	+0.3	+0.5	+0.4	-	-	-4	54	71
1 SCOTLAND, E.	11.7	-5.0	0.0	+0.8	+0.4	-	-	-1	34	61
2 ENGLAND, N.E.	10.6	-3.8	-0.5	+0.7	+0.1	+0.1	-0.1	-1	51	46
3 ENGLAND, E.	10.2	-6.1	-1.3	-0.1	-0.7	-0.5	-0.7	+1	56	51
4 MIDLANDS	10.0	-7.4	-1.1	-0.2	-0.7	-0.7	-0.6	-6	19	40
5 ENGLAND, S.E.	11.1	-6.1	-1.2	-0.5	-0.8	0.8	-0.7	-5	16	62

\*Highest Max. and Lowest Min. of the District Value Stations.

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 SCOTLAND, W.	10.7	-8.2	+0.4	-0.6	-0.1	-1.1	-0.7	-9	21	104
7 ENGLAND, N.W. and N. Wales	10.0	-5.0	-0.8	-0.1	-0.5	-0.5	-0.3	-7	18	58
8 ENGLAND, S.W. and S. Wales	10.0	-8.3	-1.5	-1.5	-1.5	-1.2	-1.1	-11	4	59
N. IRELAND	10.3	-7.2	-0.5	-1.0	-0.8	-	-	-8	17	73
SCOTLAND	11.7	-8.2	+0.2	+0.2	+0.2	-	-	-5	37	79
ENG. and WALES	11.1	-8.3	-1.1	-0.3	-0.7	-	-	-5	27	53

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— FEBRUARY, 1965 (1914)

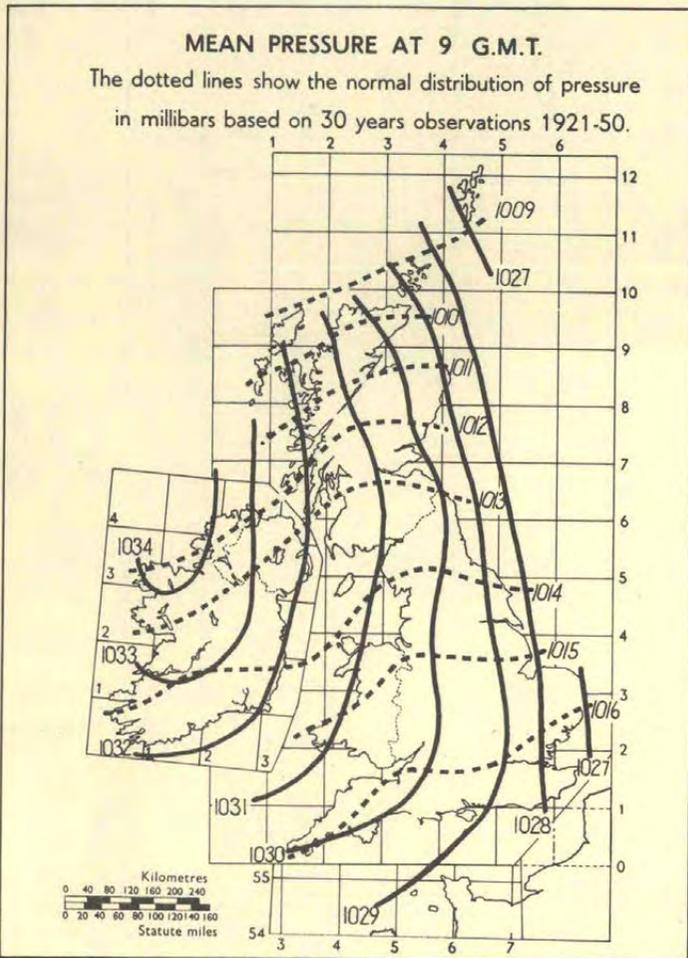
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed									Highest Velocities								
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33		11 to 21	4 to 10	Less than 4	No Record	Mean Hourly Wind Speed	Highest Hourly Wind			Highest Gust					
				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.	hr.	knots	knots	day hr	knots	day	h m					
SCOTLAND																					
0 Zetland	Lerwick Observatory	304	33	33	12, 13	24	7	37	403	185	23	0	14.0	260	51	13	01	78	13	0045	
Orkney	Kirkwall	134	50	33	12, 13, 28	28	9	57	387	171	29	0	14.3	280	54	13	03	82	13	0330	
Caitness	Dounreay	110	39	30	12, 13, 28	28	11	81	372	183	0	8	15.3	320	54	13	04	92	13	0315	
Sutherland	Shin	78	33	33	13	1	3	26	110	324	211	0	7.2	280	34	13	04	76	13	0430	
Ross & Cromarty	Stornoway (Coastguard)	120	40	36	12, 13, 28	33	5	26	384	174	55	0	13.2	300	54	13	05	83	13	0330	
Duirinish	Duirinish	125	65	55	12, 13	10	3	36	118	241	259	8	7.3	290	36	13	04	62	13	0325	
Inverness	Benbecula	69	51	35	12, 13	24	5	33	169	365	81	0	10.2	310	45	13	08	70	13	0540	
	Fort Augustus	189	53	53	-	0	2	2	44	149	477	0	2.9	100	23	28	24	45	12	1630	
1 Moray	Kinloss	57	41	41	13	9	5	37	291	278	57	0	11.1	260, 280	41	13, 13	05, 08	64	13	0320	
	Lossiemouth	101	80	60	13	7	5	41	211	304	109	0	10.0	280	46	13	06	78	13	0535	
Aberdeen	Dyce	234	30	30	13	7	4	28	393	190	54	0	12.1	290	41	13	07	67	13	0635	
Angus	Bell Rock Lighthouse	123	131	124	12, 13	23	18	125	463	56	5	0	17.6	270	44	13	08	59	13	0740	
Perth	Rannoch	1006	56	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tunnel Bridge	523	53	53	-	0	2	15	58	333	266	0	5.5	270	27	13	06	54	13	0515	
Fife	Leuchars	78	40	40	12, 13	5	3	23	113	465	66	0	8.9	290	42	13	08	65	13	0655	
Midlothian	Turnhouse	137	40	33	12, 13	3	2	22	111	399	137	0	7.4	270	35	13	08	59	13	0750	
	Edinburgh, Blackford Hill	496	50	34	12, 13	9	6	46	260	312	45	0	11.2	230	40	12	12	67	12	1150	
6a Argyll	Tiree	89	60	47	12, 13	33	4	35	332	190	82	0	12.6	310	41	13	08	69	13	0145	
Bute	Millport	50	34	34	-	0	1	9	56	275	332	0	4.7	310	28	13	12	54	13	0325	
Renfrew	Paisley	188	81	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renfrew	71	41	39	-	0	2	7	96	331	238	0	5.9	250	27	12	15	48	13	0850	
Lanark	Lowther Hill	2412	43	33	9, 11-13, 19, 20	45	17	125	326	159	17	0	17.2	300	62	13	08	87	13	0750	
Ayr	Prestwick Airport	68	33	33	-	0	2	23	90	225	334	0	5.8	280	32	13	06	55	13	0535	
Dumfries	Chapelcross	310	50	50	-	0	2	7	201	328	136	0	8.2	270	29	13	08	53	13	0850	
	Fskdalemuir Observatory	825	50	35	13	5	2	10	91	294	272	0	5.9	300	43	13	09	69	13	1145	
Wigtown	West Freugh	81	33	33	13	3	3	26	121	396	80	46	8.6	-	37	13	13	59	13	1305	
ENGLAND and WALES																					
6b Isle of Man	Ronaldsway	119	64	39	13, 20	14	6	58	248	280	72	0	11.8	080	41	20	11	59	20	0950	
	Point of Ayre	64	33	33	13	8	5	41	244	302	77	0	10.8	290	35	13	14	56	13	0550	
2 Durham	Durham	389	53	33	13	5	3	13	281	312	61	0	10.0	300	37	13	10	70	13	1040	
	South Shields	73	57	44	-	0	8	39	330	280	23	0	11.9	290	28	13	10	48	13	1130	
Yorks., E.R.	Kilnsea	76	39	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Cranwell	288	47	47	-	0	3	22	123	37	133	15	7.9	290	27	13	15	48	13	1440	
3 Norfolk	Gorleston	54	43	43	-	0	9	61	383	222	6	0	13.4	110	30	20	08	44	14	0940	
Suffolk	Mildenhall	98	83	60	-	0	1	6	93	297	276	0	5.8	290	26	13	12	43	13	1510	
Bedford	Bedford	322	42	30	-	0	2	14	253	376	29	0	9.7	290	31	13	12	48	13	1145	
	Cardington	226	133	133	-	0	3	25	274	318	54	1	10.6	280	33	13	14	49	13	1150	
Hertford	Garston	307	50	33	-	0	0	0	89	484	99	0	6.6	320	21	13	22	38	13	1455	
	Rothamsted	461	41	33	-	0	0	0	107	455	110	0	6.8	290	18	13	14	40	13	1315	
Essex	Stansted	351	31	31	-	0	2	11	254	354	53	0	9.6	280	29	13	14	46	13	1230	
	Coryton	66	57	48	-	0	2	3	135	347	119	68	7.6	300	23	13	15	41	13	2355	
	Shoeburyness	118	106	91	-	0	8	81	286	289	16	0	12.3	290	32	13	13	57	13	1235	
4 Yorks, W.R.	Sheffield	533	83	35	-	0	1	2	85	359	226	0	5.9	280	23	13	11	60	13	1040	
Warwick	Edgbaston	643	118	73	-	0	1	4	175	460	33	0	8.7	310	27	13	13	48	13	1145	
	Elmdon	343	31	31	-	0	3	13	182	387	90	0	8.5	310	29	13	11	47	13	1310	
Buckingham	Amersham	500	50	50	-	0	0	0	93	461	118	0	6.5	240	15	12	15	32	12	1645	
Stafford	Keele	706	50	33	-	0	1	2	102	332	236	0	6.1	330	22	13	13	54	13	0515	
Worcester	Pershore	154	33	33	-	0	3	14	217	288	153	0	8.4	300	25	13	12	42	13	0820	
5 London	Kingsway	208	143	41	-	0	0	0	97	519	56	0	7.2	300	18	13	14	44	13	0640	
Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	4	216	409	43	0	9.2	290	24	13	15	46	13	0620	
	Hampton	139	101	100	-	0	1	1	120	396	155	0	6.6	290	22	13	07	45	13	0635	
Surrey	Kew Observatory	92	75	50	-	0	0	0	164	455	53	0	8.3	310	19	13	11	39	13	0650	
	Gatwick	232	38	33	-	0	0	0	91	394	187	0	6.0	300	21	13	13	38	5	2020	
Kent	Isle of Grain	48	40	33	-	0	0	0	130	327	215	0	6.2	050	19	21	01	35	13	1430	
	Dungeness	70	50	33	-	0	9	50	318	230	72	2	11.5	350	25	14	11	41	14	0335	
	Dover	68	38	62	-	0	3	4	261	319	88	0	9.5	060	23	21	01	41	14	1455	
Sussex	Thorney Island	75	65	42	-	0	0	0	86	342	244	0	5.7	310	19	13	15	37	5	1900	
Hampshire	Hurn	86	53	46	-	0	0	0	150	414	108	0	7.5	300	20	13	16	31	13	1550	
	Calshot	50	41	33	-	0	0	0	333	325	14	0	10.7	290	20	13	12	34	13	1135	
	S. Farnborough	318	69	35	-	0	2	7	126	416	123	0	7.5	240	23	13	01	40	13	1405	
Berkshire	Abingdon	295	40	40	-	0	1	1	195	336	140	0	7.8	290	22	13	14	37	13	1330	
Wiltshire	Larkhill	491	51	36	-	0	3	5	229	346	92	0	9.1	300	23	13	15	46	13	1455	
	Boscombe Down	425	55	55	-	0	1	11	268	361	32	0	9.8	310	28	13	16	43	13	1500	
	Porton	406	44	44	-	0	0	0	101	251	320	0	5.2	300	21	13	16	37	13	1535	
7a Cumberland	Carlisle	137	42	30	-	0	2	12	116	255	289	0	5.8	250	28	12	17	50	12	1610	
	Sellafield	83	39	35	-	0	2	20	110	431	111	0	7.9	340	29	13	08	46	13	0550	
	Spadeadam	959	51	50	-	0	7	33	181	308	150	0	8.7	220	30	12	17	55	12	1625	
West																					

# MONTHLY WEATHER CHARTS

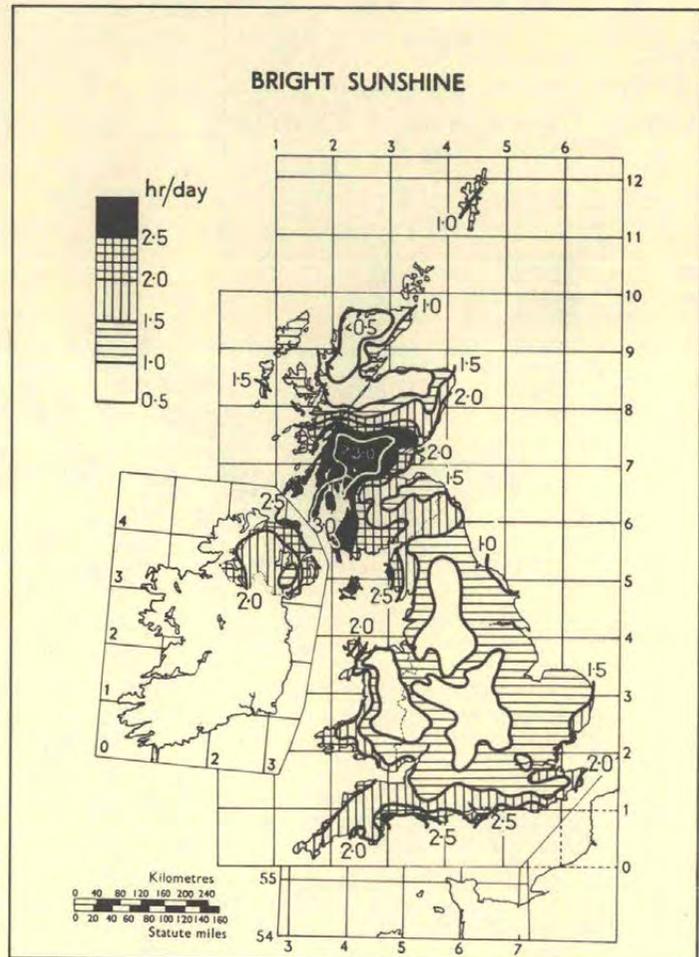
# FEBRUARY 1965

## 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.

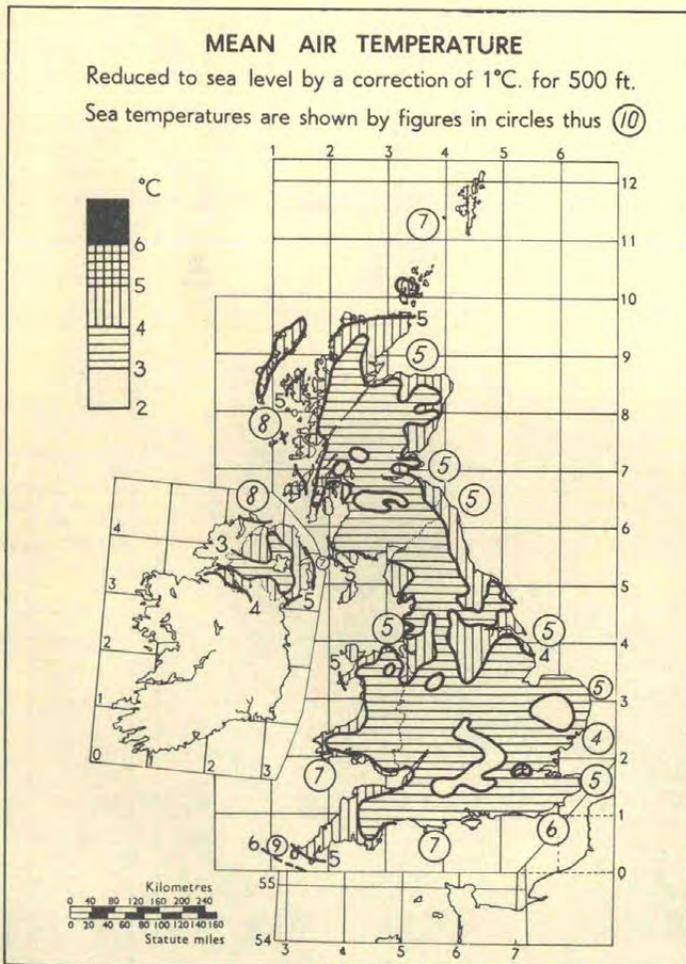


## BRIGHT SUNSHINE

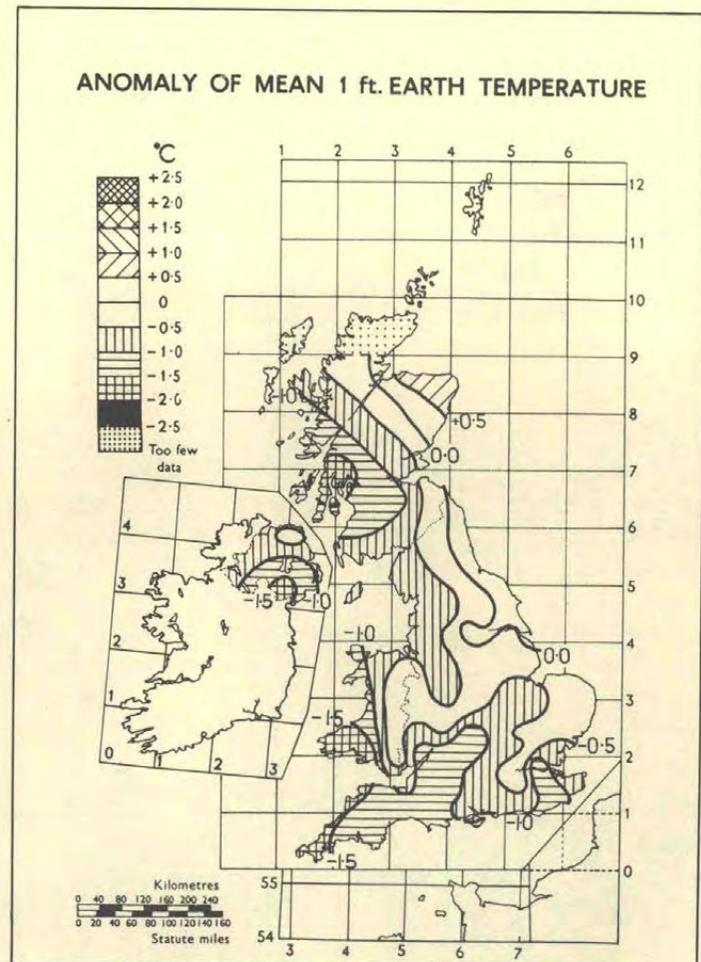


## MEAN AIR TEMPERATURE

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 1965

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

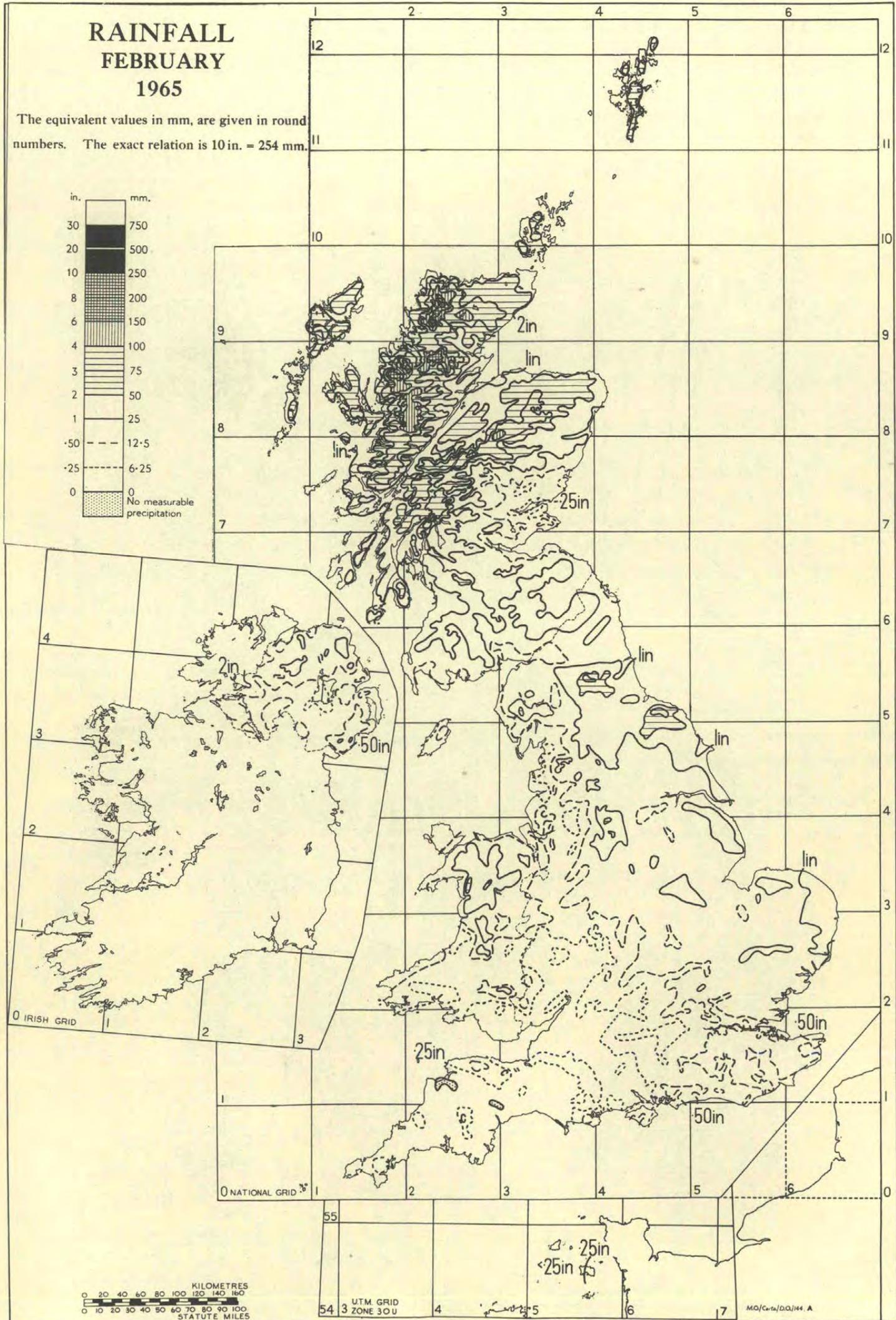
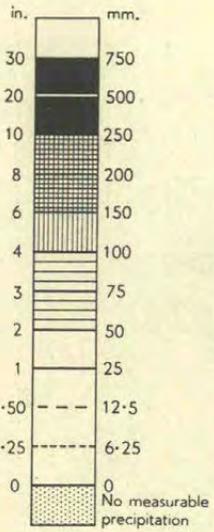












TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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		
			A Max.	B Min.			Maximum	Date	Minimum	Date					Amount	Date	0.1 in. (0.4 mm.) or more	0.01 in. (0.25 mm.) or more													
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	in.	Date	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	hr	%						
7a ENGLAND, N.W. cont.																															
Lancashire	Squires Gate	21-9	33	6.5	1.9	4.2	+0.1	9.6	6	-5.3	3	-	-	.21	10	.14	28	3	1	5	0	0	0	0	0	2	8	12	1	1.51	61
	Urswick	9-9	130	7.4	0.4	3.7	-	11.1	6	-5.6	3	-	-	.43	14	.25	28	6	2	0	0	0	0	0	0	2	10	-	1	-	
	Southport	9-9	16	6.3	0.6	3.5	-	8.3	6,12,17	-5.6	3	3.2	7.2	.30	14	.20	28	8	1	0	0	0	0	0	2	9	14	-	1.41	-	
	Poulton-le-Fylde	9-9	38	6.5	0.6	3.5	-	8.9	10,17	-7.2	27	-	-	.29	12	.14	28	6	3	-	-	-	-	-	0	8	-	-	-		
	Grizedale	9-9	300	6.7	-0.7	3.0	-	11.1	16	-7.8	3	2.4	-	.68	-	.17	28	9	6	5	1	0	0	0	0	14	22	0	-	-	
	Speke	21-9	80	6.1	2.1	4.1	-	10.5	12	-3.9	3	-	-	.54	26	.19	28	9	6	4	0	0	0	0	2	6	9	0	1.04	-	
	Kirkham	9-9	78	6.4	0.5	3.5	-	8.9	7,16	-5.6	3	-	-	.16	7	.07	28	5	2	4	0	0	0	0	0	10	23	0	1.61	-	
	Garstang	9-9	68	6.3	0.3	3.3	-	8.9	7	-5.0	3	-	-	.27	11	.12	28	8	2	0	0	0	0	0	11	17	-	1.43	-		
	Morecambe	9-9	24	6.2	1.5	3.9	0.0	8.3	17	-3.3	3	-	-	.27	11	.12	28	6	2	2	1	0	0	0	0	6	-	0	1.50	61	
	Penketh	9-9	50	6.1	0.8	3.5	-	10.6	12	-5.6	3	3.6	5.1	.38	-	.11	28	9	3	2	1	0	1	0	6	10	13	1	1.10	-	
	Preston	9-9	108	6.3	0.7	3.5	-	8.9	6,7,16	-4.4	3,27	-	-	.55	21	.31	28	8	3	6	0	0	1	0	4	10	11	0	-	-	
	Stonyhurst	9-9	377	5.9	0.6	3.3	0.0	10.0	6	-5.0	3	-	-	.51	14	.16	11	7	4	-	-	-	-	-	0	10	12	-	1.16	55	
	Manchester W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	.94	-	
	Helmshore	9-9	854	4.2	0.3	2.3	-	7.2	6	-4.4	3	2.9	-	.65	13	.23	11	12	5	-	2	1	0	0	0	1	14	21	-	.93	-
	Burnley	9-9	655	4.8	0.0	2.4	-	7.8	6	-5.0	3	2.8	4.8	.88	-	.19	19	11	8	5	4	0	1	0	4	16	21	1	.67	-	
	Nelson	9-9	540	4.8	0.6	2.7	-	7.8	6,7	-5.0	3	2.6	4.6	.89	25	.20	28	10	8	-	3	-	-	-	3	12	19	-	.78	- S	
	Rochdale	9-9	362	5.6	0.6	3.1	-	9.4	6	-5.0	3	-	-	.43	12	.10	18	8	4	4	0	0	0	0	3	9	15	1	-	- S	
Cheshire	Bidston Obs'y.	9-9	198	5.4	1.9	3.7	-0.5	10.0	12	-2.8	3	-	-	.26	13	.13	28	8	1	-	-	-	-	-	1	6	10	-	1.36	59	
	Winnington	9-9	65	6.5	1.5	4.0	-	10.6	12	-4.4	3	-	-	.36	17	.07	18	11	5	2	1	0	0	0	3	6	11	1	-	-	
	Knutsford	9-9	212	5.9	0.5	3.2	-	10.0	12	-5.6	3	2.7	4.4	.43	19	.13	11	11	3	-	2	-	-	-	4	11	19	-	-	-	
	Ringway	21-9	248	5.7	1.2	3.5	-0.2	9.0	12	-4.2	3	-	-	.24	10	.09	18	5	3	4	0	0	0	0	1	10	11	0	1.22	62	
	Macclesfield	9-9	500	4.9	0.2	2.5	-0.6	7.8	12	-3.9	3,18	-	-	.86	31	.35	18	10	5	4	1	1	0	0	3	10	-	-	-	-	
7b NORTH WALES																															
Flint	Rhyl	9-9	31	6.1	1.1	3.6	-1.3	10.6	12	-4.4	3	-	-	.48	26	.18	28	10	6	6	0	0	1	0	0	10	8	0	1.10	45	
	Prestatyn	9-9	12	5.9	1.4	3.7	-	10.6	12	-5.0	3	-	-	.28	14	.06	18	10	2	2	0	0	0	0	0	0	6	-	0	1.06	46
	Hawarden Bridge	9-9	17	6.4	1.7	4.1	-0.4	11.1	12	-5.0	3,4	-	-	.49	25	.19	28	11	3	3	0	0	0	0	1	7	-	1	-	-	
Anglesey	Valley	21-9	33	7.3	1.8	4.5	-0.9	9.3	17	-3.9	25	-	-	.39	17	.14	28	8	3	4	0	1	0	0	0	9	12	0	2.07	74	
Denbigh	Colwyn Bay	9-9	118	6.0	1.8	3.9	-1.3	10.0	12	-2.8	3	4.1	-	.28	13	.05	11	9	2	4	0	0	0	0	0	8	-	-	1.12	46	
	Alwen	9-9	100	3.6	-2.0	0.8	-	7.2	16	-11.1	3	-	-	1.19	30	.32	28	16	8	-	-	-	-	-	20	21	-	-	-		
	Ruthin	9-9	243	5.2	-0.1	2.5	-	9.4	12	-5.6	3	-	-	.73	-	.34	28	10	5	-	0	-	-	-	0	11	-	-	1.14	-	
	Loggerheads	9-9	630	4.6	-0.7	1.9	-	8.3	12	-7.8	3	2.6	4.3	.79	-	.35	28	14	5	5	2	0	1	0	1	15	17	0	-	-	
	Bwlchgwyn	9-9	1267	2.8	-1.2	0.8	-	6.7	16	-5.6	18,25	2.3	-	1.27	39	.36	28	16	11	4	0	1	0	0	3	19	21	-	-	-	
	Wrexham	9-9	275	6.1	1.3	3.7	-	9.4	12	-6.1	3	3.2	4.6	.59	25	.27	28	12	5	2	0	0	0	0	1	8	18	-	-	-	
Caernarvon	Bardsey Island	21-9	61	6.7	3.7	5.2	-	9.6	11	0.3	4	-	-	.66	-	.28	28	8	2	-	0	-	-	-	0	0	6	-	-	-	
	Bardsey	9-9	112	6.5	1.5	4.0	-	8.9	12	-3.3	3,25	3.9	5.8	.63	-	.25	28	10	5	4	0	1	0	0	0	8	19	0	2.24	-	
	Bryn Adda	9-9	275	5.9	1.2	3.5	-	8.9	16	-2.8	3	-	-	.81	24	.36	28	10	6	2	0	1	1	0	0	8	19	0	1.44	-	
	Cwm Dylli	9-9	324	6.2	-1.2	2.5	-	8.9	4,6,17	-7.8	3,4	3.9	-	1.88	17	.80	11	18	9	-	-	-	-	-	0	15	15	-	-		
	Aber	9-9	60	6.2	1.8	4.0	-1.4	8.9	12	-2.2	3	-	-	.73	23	.37	28	12	4	3	0	1	0	0	0	8	21	0	.94	47	
	Llandudno	9-9	13	-	-	-	-	-	-	-	-	-	-	1.00	-	.32	11	12	9	-	-	-	-	-	-	-	-	-	-	-	
Merioneth	Llyn Stwlan	9-9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog	9-9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen	9-9	473	4.9	-0.8	2.1	-	8.3	12,16	-8.3	3	-	-	.89	25	.22	28	17	7	4	0	0	0	0	0	16	20	-	-	- S	
Montgomery	Ceinws	9-9	200	6.6	-0.3	3.1	-	10.0	16	-7.8	3	-	-	1.08	-	.51	11	10	4	-	-	-	-	-	0	12	18	-	-	-	
	Lake Vyrnwy	9-9	995	4.1	-0.4	1.9	-	7.8	12	-6.7	3	2.1	-	.91	15	.24	28	15	10	9	10	0	0	0	0	1	15	28	0	-	-
8a SOUTH WALES																															
Cardigan	Aberporth	21-9	378	5.5	1.8	3.7	-1.1	8.4	12	-3.5	4	-	-	.51	16	.38	28	7	2	4	0	0	1	0	1	7	13	0	2.04	-	
	Aberystwyth	9-9	12	9.5	1.2	5.3	+0.4	11.1	10,11	-2.2	3,4	-	-	.20	7	.15	28	3	1	-	0	-	-	-	0	15	-	-	-	-	
	P.B.S.*	9-9	452	5.6	0.5	3.1	-1.2	8.3	7	-3.9	3	-	-	.34	12	.19	28	7	3	1	0	0	1	0	0	10	18	0	1.99	75	
	Gogerddan	9-9	103	6.4	-0.6	2.9	-	8.9	7	-7.2	3	-	-	.37	12	.21	28	7	3	2	0	0	0	0	0	18	20	0	1.77	-	
	Swyddifynnion	9-9	540	5.4	-0.9	2.3	-	8.2	12	-7.5	3	-	-	.49	12	.20															





TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	G.M.T.	Height of Barometer above Mean Sea Level	MEAN PRESSURE				MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)									VISIBILITY							WIND, NUMBER OF OBSERVATIONS														
				At Mean Sea Level		Difference from Average		Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations									NUMBER OF OBSERVATIONS							FORCE (0-12)					DIRECTION									
				mb.	in.	°C.	°F.	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,090 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																																0	1	2	3	4	5	6	7	8	9	10
2 ENGLAND, N.E.	Tynemouth	3	130	1029.6	-	3.9	1.0	6.7	83	6.4	2	0	6	6	14	0	0	0	0	0	0	0	3	19	6	0	0	0	3	16	9	0	6	2	2	0	0	0	9	9		
		9	130	1029.5	+16.1	3.7	1.0	6.7	83	6.7	0	2	4	8	14	0	0	0	0	0	0	0	1	6	10	8	3	0	1	6	14	6	1	7	2	2	1	0	0	10	5	
		15	130	1029.1	-	5.2	1.5	6.8	76	6.7	0	0	4	16	8	0	0	0	0	0	0	0	1	9	12	6	0	0	7	16	5	0	15	3	2	2	0	0	0	5	3	
	Seahouses	21	130	1029.4	-	4.4	1.2	6.8	80	6.9	0	2	1	12	13	0	0	0	0	0	0	0	1	11	13	3	0	0	5	14	8	1	7	3	2	1	0	0	1	0	5	5
		3	41	-	-	-	-	-	-	-	6.7	1	0	6	2	19	0	0	0	0	0	0	0	10	14	4	0	0	1	14	12	0	13	0	2	0	1	0	0	6	6	
		9	41	1029.8	-	4.1	1.1	6.8	81	6.9	0	1	3	11	13	0	0	0	0	0	0	0	1	1	5	5	2	0	3	12	13	0	9	2	2	1	0	0	0	9	5	
		15	41	1029.5	-	5.7	1.6	7.0	75	6.4	0	1	6	11	10	0	0	0	0	0	0	0	0	4	15	4	5	0	3	14	11	0	10	3	0	2	0	0	0	3	10	
		21	41	1029.7	-	4.6	1.3	6.7	79	6.2	1	1	7	6	13	0	0	0	0	0	0	0	0	5	19	4	0	0	2	10	15	1	12	1	2	0	0	0	1	5	6	
		3	131	1029.3	-	3.2	0.9	6.6	84	7.0	0	2	1	10	15	0	0	0	0	0	0	0	0	1	9	7	6	5	0	1	9	17	1	13	3	0	0	0	0	2	6	9
	Yorks., N. Riding	9	131	1029.5	-	3.4	1.0	6.6	84	6.9	0	1	1	16	10	0	0	0	0	0	0	0	1	6	5	10	6	0	1	11	16	1	11	2	2	1	0	1	6	4		
		15	131	1028.9	-	5.5	1.8	6.6	73	6.6	0	1	3	17	7	0	0	0	0	0	0	0	1	3	5	8	7	4	0	2	13	13	0	11	4	2	0	1	1	2	7	
		21	131	1029.3	-	3.5	0.9	6.7	84	6.7	0	1	5	9	12	1	0	0	0	0	0	0	1	0	5	7	3	0	1	7	19	1	13	1	0	0	2	0	5	6		
Whitby Coastguard	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	210	1028.5	-	3.7	1.0	6.7	83	7.1	0	0	1	17	10	0	0	0	0	0	0	0	1	2	7	18	0	0	1	8	12	7	0	11	2	3	1	1	2	5	3		
	15	210	1028.1	-	4.8	1.4	6.7	77	7.0	0	0	3	16	9	0	0	0	0	0	0	0	0	7	16	5	0	0	1	5	17	5	0	8	4	2	0	0	1	4	9		
Yorks., E. Riding	21	210	1028.4	-	4.3	1.1	6.8	81	6.7	0	1	4	11	12	0	0	0	0	0	0	0	2	9	16	1	0	1	6	12	9	0	9	6	1	0	0	2	4	6			
	3	28	1028.8	-	3.4	0.9	6.7	85	6.8	0	1	4	8	15	0	0	0	0	0	0	0	0	3	5	12	7	1	2	10	16	0	4	5	0	0	1	0	8	10			
	9	28	1028.9	-	3.6	1.0	6.7	84	6.5	0	1	4	16	7	0	0	0	0	0	0	0	0	1	10	10	6	1	0	1	12	14	1	9	3	2	0	0	1	5	7		
Leconfield	15	28	1028.4	-	5.2	1.6	6.6	75	7.0	0	1	1	16	10	0	0	0	0	0	0	0	1	4	10	12	1	0	4	14	10	0	9	4	2	0	0	0	7	6			
	21	28	1028.8	-	3.5	1.0	6.7	84	6.9	0	2	1	13	12	0	0	0	0	0	0	0	0	4	15	5	0	0	1	10	16	1	5	3	1	1	0	1	9	7			
	3	51	1028.2	-	3.5	0.8	6.8	86	7.2	0	0	4	5	19	0	0	0	0	0	0	0	1	0	0	0	0	0	2	18	7	0	7	6	3	1	0	0	3	8			
Kilnsea	9	51	1028.1	-	3.2	0.7	6.8	88	7.2	0	0	4	6	18	0	0	0	0	0	0	0	0	2	12	14	0	0	2	3	13	10	0	7	2	6	0	0	0	3	10		
	15	51	1027.7	-	4.8	1.3	6.9	81	7.0	0	0	5	8	15	0	0	0	0	0	0	0	0	5	5	16	2	0	1	6	14	6	1	13	2	3	1	0	1	2	5		
	21	51	1028.3	-	3.9	0.9	6.8	84	6.6	1	2	5	2	18	0	0	0	0	0	0	0	0	2	6	18	2	0	1	7	11	8	1	7	6	4	0	0	1	2	7		
Lincoln	3	227	1029.0	-	2.7	1.0	6.4	88	6.8	2	0	2	7	17	0	0	0	0	0	0	0	1	7	10	7	2	0	0	7	21	0	9	4	0	0	0	1	4	10			
	9	227	1029.0	-	2.6	0.7	6.5	87	6.4	0	3	3	12	10	0	0	0	0	0	0	0	1	8	12	3	3	0	0	11	17	0	6	5	1	0	0	1	4	11			
	15	227	1029.5	-	4.5	1.3	6.7	81	7.1	0	1	2	13	12	0	0	0	0	0	0	0	1	5	7	8	6	0	0	13	15	0	13	5	2	0	0	0	5	3			
Manby	21	227	1029.1	-	3.1	0.9	6.6	86	6.3	3	1	3	7	14	0	0	0	0	0	0	0	1	0	8	10	1	0	0	6	22	0	11	3	0	0	1	4	3	6			
	3	47	1028.3	-	3.0	0.7	6.7	88	7.0	0	1	3	5	19	0	0	0	0	0	0	0	0	4	14	8	2	0	0	9	19	0	7	3	3	0	0	1	4	10			
	9	47	1028.5	-	3.3	0.7	6.8	87	7.0	0	0	4	11	13	0	0	0	0	0	0	0	0	6	11	8	2	1	0	1	8	18	1	6	2	3	0	0	0	3	13		
3 ENGLAND, E.	15	47	1027.9	-	4.7	1.2	6.9	81	7.1	0	0	3	15	10	0	0	0	0	0	0	0	0	3	7	13	4	0	0	1	12	14	1	11	2	4	0	1	1	2	6		
	21	47	1028.4	-	3.2	0.7	6.8	88	6.1	2	1	5	8	12	0	0	0	0	0	0	0	2	2	12	12	0	0	1	7	19	1	7	3	3	0	1	1	2	10			
	3	89	1028.0	-	2.5	0.8	6.3	86	6.8	1	2	1	6	18	0	0	0	0	0	0	0	0	1	3	14	10	0	0	0	11	16	1	11	2	1	0	0	1	3	9		
Norfolk	9	89	1028.3	-	2.8	0.8	6.4	85	6.6	0	2	2	16	8	0	0	0	0	0	0	0	1	3	6	9	0	0	0	12	15	1	6	4	2	0	0	2	1	12			
	15	89	1027.7	-	4.7	1.4	6.7	77	7.4	0	0	0	15	13	0	0	0	0	0	0	0	0	1	3	12	9	2	1	0	3	16	9	0	11	4	1	1	0	2	7		
	21	89	1028.2	-	2.8	0.8	6.5	85	6.1	4	2	0	6	16	0	0	0	0	0	0	0	1	2	11	11	2	0	0	0	8	18	2	10	3	0	0	0	3	7			
West Raynham	3	263	1027.7	-	2.3	0.7	6.4	88	6.4	1	2	3	6	16	0	0	0	0	0	0	0	0	1	4	9	9	5	0	1	11	16	0	9	5	1	0	0	1	7	5		
	9	263	1027.8	-	2.5	0.6	6.5	89																																		







# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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



Volume 82 Number 3

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### March 1965 — Wintry weather at first, very warm at end of month

Weather was mainly cyclonic in character except during the periods 6th-11th and 26th-31st.

The very cold weather at the end of February continued during the first week of March. On the 1st strong north-easterly winds, associated with a small trough of low pressure over the Irish Sea, brought widespread snow showers, falls being heavy over large areas of northern England; over parts of the north-east and the northern Pennines level snow accumulated to a depth of 10-12 inches. The next day a ridge of high pressure moved southwards over the country maintaining generally sunny weather over England and Wales. Winds backed towards south in Scotland that evening, and southerly winds reached gale force in most areas on the 3rd as a vigorous depression moved from the west of Scotland southwards across Ireland. Associated with this depression a broad belt of snow, heavy at times in the west and Midlands, spread slowly southwards over the country; it continued in most districts throughout the night, and, in the south, for much of the 4th. High winds caused considerable drifting. On the morning of the 4th level snow lay 9 inches deep in the Somerset-Wiltshire-Hampshire area with drifts in places 6-10 feet deep.

An improvement began on the 5th as the depression, then over France, filled rapidly. In the north temperatures returned to normal on the 7th in a light south-westerly airstream, but in the south weather remained cold for another day or so. It was generally sunny for about six days in the south, after the clearance of overnight mist or fog patches, as an anticyclone moved from south-west England to Germany. Winds, which were light and variable at first, became progressively more southerly and temperatures in this warmer airstream rose above average towards the end of the week.

Rain from the Atlantic brought a change on the night of the 12th/13th, the weather during the next few days being generally dull and wet as a series of troughs moved eastwards across the country in rapid succession. The 16th was a showery day with sunny periods, but with scattered thunderstorms in the south and Midlands. The break, however, was only temporary, rain becoming general again on the 17th and 18th as a depression from the Atlantic moved eastwards across southern England.

On the 19th pressure became almost uniform over the British Isles and a trough moving southwards became stationary over southern England. There was occasional light rain or drizzle in the region of the trough and weather was dull and wet during the next four or five days as this and a series of other troughs associated with a large depression approaching the British Isles from the Atlantic, moved slowly northwards over the country. Cold easterly winds on their northern side brought renewed snowfall to the Midlands and the north, and rain was heavy at times in the frontal areas as milder air moved slowly northward from the south-west. Snow lay 4-6 inches deep at a number of places in the Midlands on the 21st and a heavy snow storm gave 14 inches at Buxton on the 22nd.

The month ended with an exceptionally warm, sunny spell. On the 27th an anticyclone was centred over the Bay of Biscay and as this moved north-eastwards towards southern England winds backed to the south in western districts. Warm air from low latitudes spread over the country and most of England and Wales became sunny and dry with

temperatures rising very rapidly and exceeding 21°C on the 28th and 29th over wide areas in almost unbroken sunshine.

**Pressure and Wind** — Mean pressure was about the 1921-50 average in the north-east but below elsewhere, the deviation at 9h ranging from +0.6 at Lerwick to -3.2 at Scilly, St. Mary's. Surface winds were rather variable apart from east to south-east winds on the 1st-4th, south-east to south winds on the 9th-14th and west to south-west winds on the 15th, 16th, 25th and in the north on the 27th and 28th. Winds reached gale force in Scotland on 21 days, and in England and Wales on the 1st-5th, 15th-17th, 25th, 26th, 30th and 31st (12 days). Gales were widespread on the 3rd and 25th, gusts of 73 kt and 69 kt being recorded at Tiree and Stornoway respectively on the 3rd, and one of 67 kt at Portland Bill on the 25th.

**Temperature** — An outstanding feature was the great difference between the maximum day temperatures at the beginning and end of the month; at many places they ranged from 0°C during the first week to 22°C around the 28th. Over the month as a whole day temperatures were below the average but exceeded the average during the third and last weeks, the excess at many places in the south and Midlands being 5°-7°C around the 13th and 10°-12°C around the 28th.

Extremes included (England and Wales) 25.0°C at Wakefield on the 29th, -21.7°C at Corwen on the 3rd; (Scotland) 20.6°C at Kinlochewe on the 31st, -20.0°C at Braemar on the 2nd; (Northern Ireland) 21.7°C at Armagh on the 28th and 29th, -12.8°C at Newry Abbey on the 2nd.

**Rainfall** — In Scotland total precipitation exceeded the average in the south-east, central and Clyde districts and also in the Outer Hebrides. Parts of the north-east had less than half the average. At Wick it was the driest March since 1929. In England and Wales, rainfall was less than half the average over most of England north of a line from the Humber to the Mersey except over the Pennines: it was more than 175 per cent of the average in parts of central southern England and locally near the Wash.

Thunder was heard on 3 days in Scotland and on the 15th-18th, 21st and 23rd-25th (8 days) in England and Wales where thunderstorms were widespread on the 16th and 24th.

Snow or sleet fell on 26 days in Scotland, ground being snow-covered on 22 days. In England and Wales it fell on the 1st-9th, and 19th-26th (17 days); parts of northern England and the Midlands were snow-covered on the 1st-9th and 20th-24th. Snow lay 9-12 inches deep locally in north-east England on the 1st and 2nd and 6-8 inches deep locally in the Midlands on the 21st and 22nd.

**Sunshine** — In Scotland there were deficits at stations on the east coast from Aberdeen to the Firth of Forth and good excesses around Auchincruive and Dumfries. In England and Wales sunshine was generally above the average percentages ranging from 151 at Huddersfield to 83 at Sprowston.

**Fog** — In Scotland fog at 9h was reported on 21 days. In England and Wales it occurred on the 1st, 3rd-11th, 17th-20th and 22nd-28th (21 days) and was widespread on the 3rd.

**Miscellaneous Phenomena** — The aurora was visible on 7 nights in Scotland.

TABLE I—DISTRICT VALUES— MARCH, 1965 (1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					%				
0 SCOTLAND, N.	16.0	-7.8	-0.7	-0.9	-0.8	-	-	-4	80	106
1 SCOTLAND, E.	20.0	-11.1	-0.9	-1.2	-1.0	-	-	-2	107	99
2 ENGLAND, N.E.	23.7	-12.2	-0.8	-1.3	-1.1	-0.7	-0.4	+1	122	107
3 ENGLAND, E.	23.3	-12.2	-0.5	-0.6	-0.5	-0.7	-0.7	+2	127	100
4 MIDLANDS	22.8	-9.4	-0.2	-0.9	-0.6	-0.7	-0.7	+2	138	127
5 ENGLAND, S.E.	22.2	-10.5	-0.2	-0.4	-0.3	-0.5	-0.6	+4	142	108

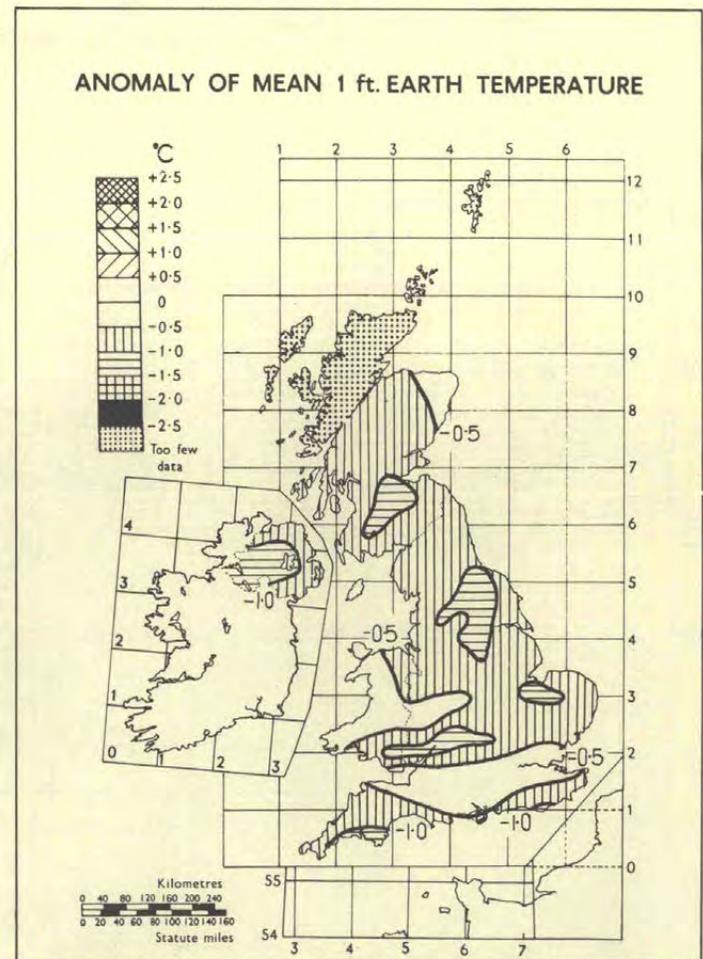
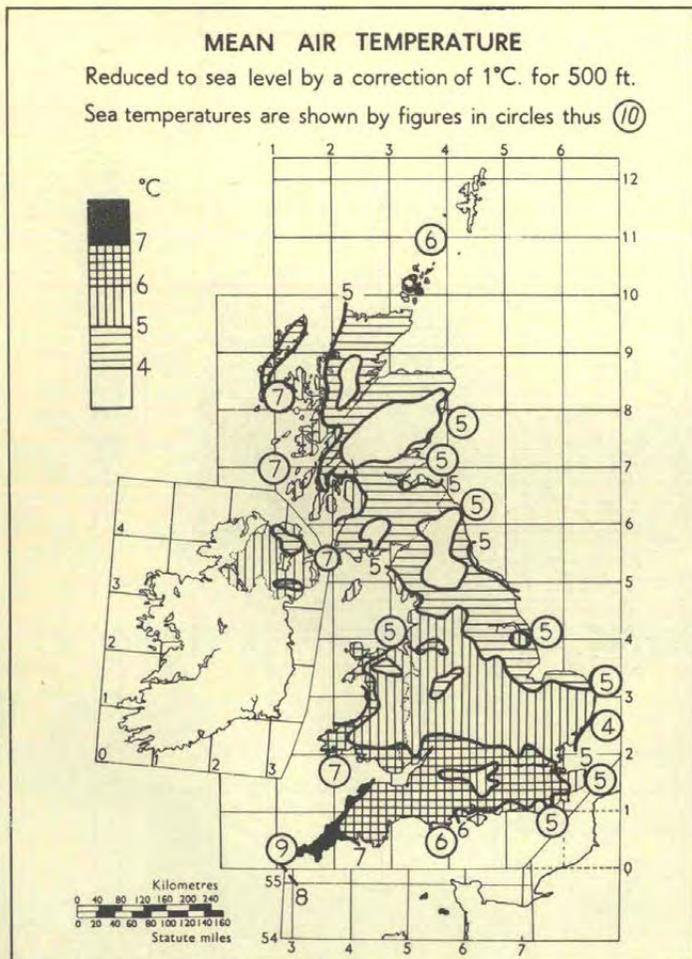
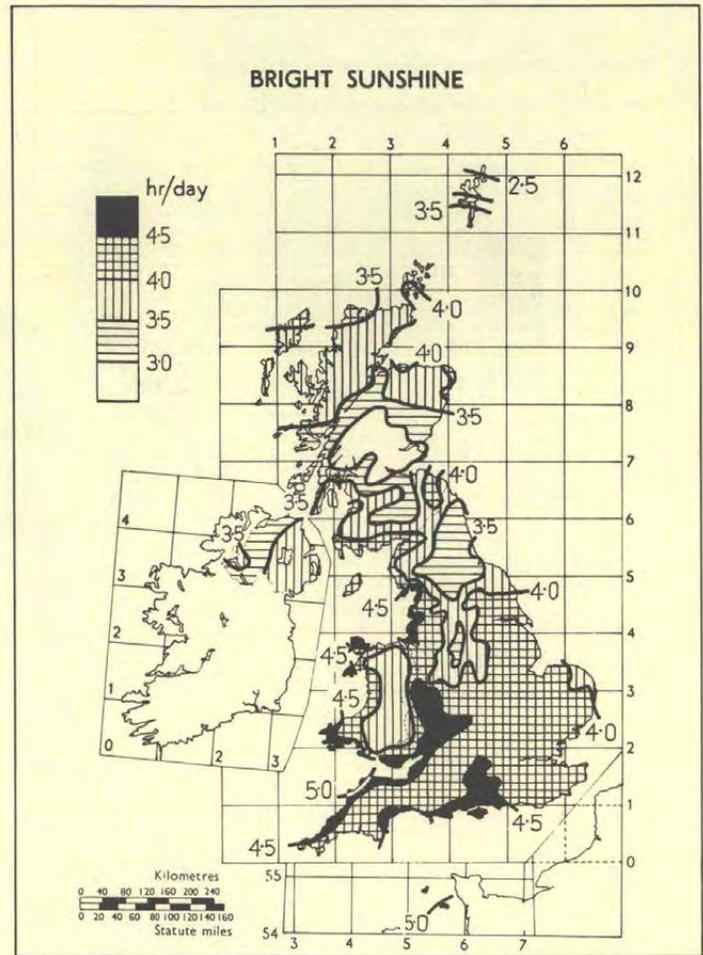
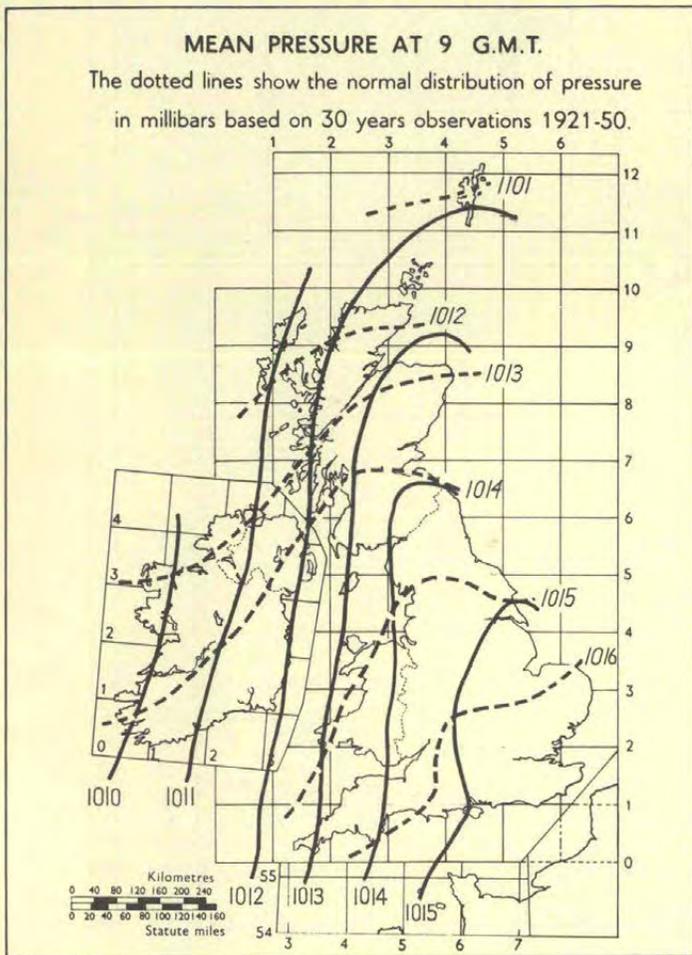
\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					%				
6 SCOTLAND, W.	17.2	-14.7	-0.8	-1.2	-1.0	-0.8	-0.7	-1	100	106
7 ENGLAND, N.W. and N. Wales	21.7	-13.9	-0.3	-1.1	-0.7	-0.9	-0.7	-1	97	124
8 ENGLAND, S.W. and S. Wales	21.7	-13.9	-0.6	-1.2	-0.8	-0.7	-0.9	+2	121	107
N. IRELAND	21.7	-10.0	-0.7	-1.2	-0.9	-	-	+1	141	105
SCOTLAND	20.0	-14.7	-0.8	-1.1	-0.9	-	-	-2	92	104
ENG. and WALES	23.7	-13.9	-0.4	-0.9	-0.7	-	-	+2	127	112

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH, 1965 (1914)

DISTRICT, COUNTY AND PLACE	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			
																	hr.	hr.	hr.	hr.
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	2	1	8	102	312	277	52	0	12.7	220	34	2	16	50	29	0010
Orkney	Kirkwall	134	50	33	-	0	10	64	414	178	88	0	12.4	160	31	3	07	49	7	1440
Caithness	Dounreay	110	39	30	3, 27	5	12	66	413	259	1	0	12.5	190	36	3	05	48	7	1520
Sutherland	Shin	78	33	33	-	0	5	14	167	279	283	1	6.7	250	28	17	10	49	17	0855
Ross &	Stornoway (Coastguard)	120	40	36	2, 3, 16, 17, 27-29	40	20	195	272	145	92	0	16.4	180	50	3	02	69	3	0115
Cromarty	Duirinish	125	65	55	16, 17	14	8	66	255	228	107	74	11.4	(200)	39	16	16	(60)	16	1415
Inverness	Benbecula	69	51	35	3, 16	11	17	111	437	163	22	0	15.3	170	38	3	04	59	3	0400
	Fort Augustus	189	53	53	-	0	3	4	207	294	239	0	7.1	230	26	3	09	55	3	0805
1 Moray	Kinloss	57	41	41	-	0	7	42	289	334	79	0	10.6	230	33	16	15	52	16	1355
	Lossiemouth	101	80	60	-	0	5	23	185	294	242	0	7.3	220	27	16	14	47	16	1305
Aberdeen	Dyce	234	30	30	-	0	4	20	345	284	95	0	10.1	220	27	17	05	42	3	1510
Angus	Bell Rock Lighthouse	128	131	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perth	Rannoch	1006	56	57	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tunnel Bridge	528	53	53	-	0	0	0	90	336	318	0	5.3	110	19	3	13	35	16	1040
Fife	Leuchars	78	40	40	-	0	8	62	316	289	77	0	11.3	240	30	16	14	44	16	1325
Midlothian	Turnhouse	137	40	33	-	0	5	26	312	287	119	0	10.0	230	29	16	11	50	16	1235
	Edinburgh, Blackford Hill	496	50	34	3	3	12	92	306	265	78	0	12.1	160	41	3	10	61	3	0940
6a Argyll	Tiree	89	60	47	1-3, 15, 16	48	21	188	366	88	59	0	17.7	160	46	3	06	73	3	0535
Bute	Millport	50	34	34	f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew	Paisley	188	81	31	-	0	4	11	362	275	96	0	10.3	220	25	16	14	39	16	1145
	Renfrew	71	41	39	-	0	4	11	362	275	96	0	10.3	220	25	16	14	39	16	1145
Lanark	Lowther Hill	2412	43	33	3, 4, 7, 15, 20, 21	31	24	257	353	97	6	0	19.1	130	43	3	23	54	3	2250
Ayr	Prestwick Airport	68	33	33	3	3	9	61	355	266	59	0	12.1	110	38	3	19	55	3	0905
Dumfries	Chapelcross	310	50	50	-	0	1	1	347	304	92	0	9.8	220	22	16	14	38	16	1340
	Ekdalemuir Observatory	825	50	35	-	0	3	7	197	309	231	0	6.7	230	25	16	14	49	16	1510
Wigtown	West Freugh	81	33	33	3	10	8	36	338	240	75	45	11.7	140	38	3	14	54	3	1310
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	1, 3, 4, 20, 21	60	18	122	320	193	49	0	16.3	130	46	3	19	61	1	1025
	Point of Ayre	64	33	33	3	10	14	106	377	292	19	0	14.1	140	36	3	13	52	3	(1750)
2 Durham	Durham	389	53	33	-	0	1	1	245	381	117	0	8.3	240	25	16	15	62	16	1440
	South Shields	73	57	44	-	0	4	21	208	399	121	0	8.6	110	30	1	05	42	1	0535
Yorks., E.R.	Kilnsea	76	39	33	-	0	11	57	455	128	30	74	13.6	130	29	20	16	42	1	1005
Lincoln	Cranwell	288	47	47	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3 Norfolk	Gorleston	54	43	43	-	0	11	90	384	242	28	0	13.4	040	32	2	03	40	2	0240
Suffolk	Mildenhall	98	83	60	-	0	1	1	115	412	216	0	6.3	260	23	16	14	39	25	1835
Bedford	Bedford	322	42	30	-	0	2	2	265	417	60	0	9.4	060	22	4	09	39	25	1735
	Cardington	226	133	133	-	0	9	61	364	266	53	0	12.0	230	31	16	13	46	24	1650
Hertford	Garston	307	50	33	-	0	0	0	86	505	153	0	6.3	280	17	27	12	35	25	1705
	Rothamsted	461	41	33	-	0	0	0	105	490	145	4	6.7	110	17	4	02	36	15	2210
Essex	Stansted	351	31	31	-	0	2	15	326	339	64	0	10.1	080	26	4	09	37	4	0810
	Coryton	66	57	48	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Shoeburyness	118	106	91	3, 4, 15, 25	18	12	67	418	205	34	2	13.8	090	43	4	08	59	25	2050
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	51	292	401	0	3.9	270	18	27	15	39	16	1055
Warwick	Edbaston	643	118	73	-	0	0	0	143	552	49	0	7.9	140	19	3	19	41	3	1835
	Elmdon	343	31	31	-	0	2	3	233	421	87	0	9.0	240	22	16	12	33	3	2050
Buckingham	Amersham	500	50	50	-	0	0	0	139	463	142	0	7.1	200	18	25	20	36	15	2245
Stafford	Keele	706	50	33	-	0	1	2	149	433	160	0	7.1	110	24	4	08	42	25	1815
Worcester	Pershore	154	33	33	-	0	7	33	309	301	101	0	10.2	120	29	3	23	45	3	2305
5 London	Kingsway	208	143	41	-	0	0	0	136	494	81	33	7.6	200	17	25	20	44	24	1550
Middlesex	London(Heathrow) Airport	115	33	33	-	0	4	7	312	370	55	0	9.9	200	28	25	20	41	25	1940
	Hampton	139	101	100	-	0	0	0	189	333	174	48	7.3	230	21	25	22	40	25	2140
Surrey	Kew Observatory	92	75	50	-	0	0	0	250	433	61	0	8.9	090	21	30	16	40	25	1940
	Gatwick	232	38	33	-	0	2	4	214	361	165	0	7.6	210	26	25	20	46	25	1920
Kent	Isle of Grain	48	40	33	-	0	1	2	168	354	220	0	6.7	040	23	1	18	36	15	1935
	Dungeness	70	50	33	25	2	12	78	396	195	62	11	13.1	220	38	25	22	55	25	2130
	Dover	68	38	62	-	0	7	12	213	335	184	0	8.2	050	24	2	05	46	25	2025
Sussex	Thorney Island	75	65	42	-	0	3	10	180	362	192	0	7.5	220	24	25	20	47	25	1940
Hampshire	Hurn	86	53	46	-	0	3	9	282	334	119	0	9.1	220	26	25	20	43	25	1940
	Calshot	50	41	33	-	0	5	26	454	244	20	0	12.3	120	31	3	23	41	25	1930
	S. Farnborough	318	69	35	-	0	3	6	260	368	110	0	8.9	240	23	25	22	39	25	2110
Berkshire	Abingdon	295	40	40	-	0	3	4	270	345	125	0	8.9	240	24	16	11	36	3	2145
Wiltshire	Larkhill	491	51	36	-	0	6	24	275	309	136	0	9.3	040	26	4	23	44	26	0745
	Boscombe Down	425	55	55	-	0	10	58	399	224	63	0	12.5	130	32	3	22	45	26	0620
	Porton	406	44	44	-	0	4	13	175	336	220	0	7.6	210	27	25	20	41	25	1835
7a Cumberland	Carlisle	137	42	30	-	0	3	18	264	304	158	0	9.3	220	27	16	12	43	16	1530
	Sellafield	83	39	35	-	0	6	41	289	322	78	14	10.6	170	28	3	14	45	3	1935
	Spadeadam	959	51	50	-	0	5	25	322	333	64	0	10.8	220	28	16	13	45	16	1435
Westmorland	Great Dun Fell	2813	33	33	1, 3, 4, 15, 16, 27	32	24	203	378	95	36	0								

# MONTHLY WEATHER CHARTS MARCH 1965



# RAINFALL

## MARCH 1965

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

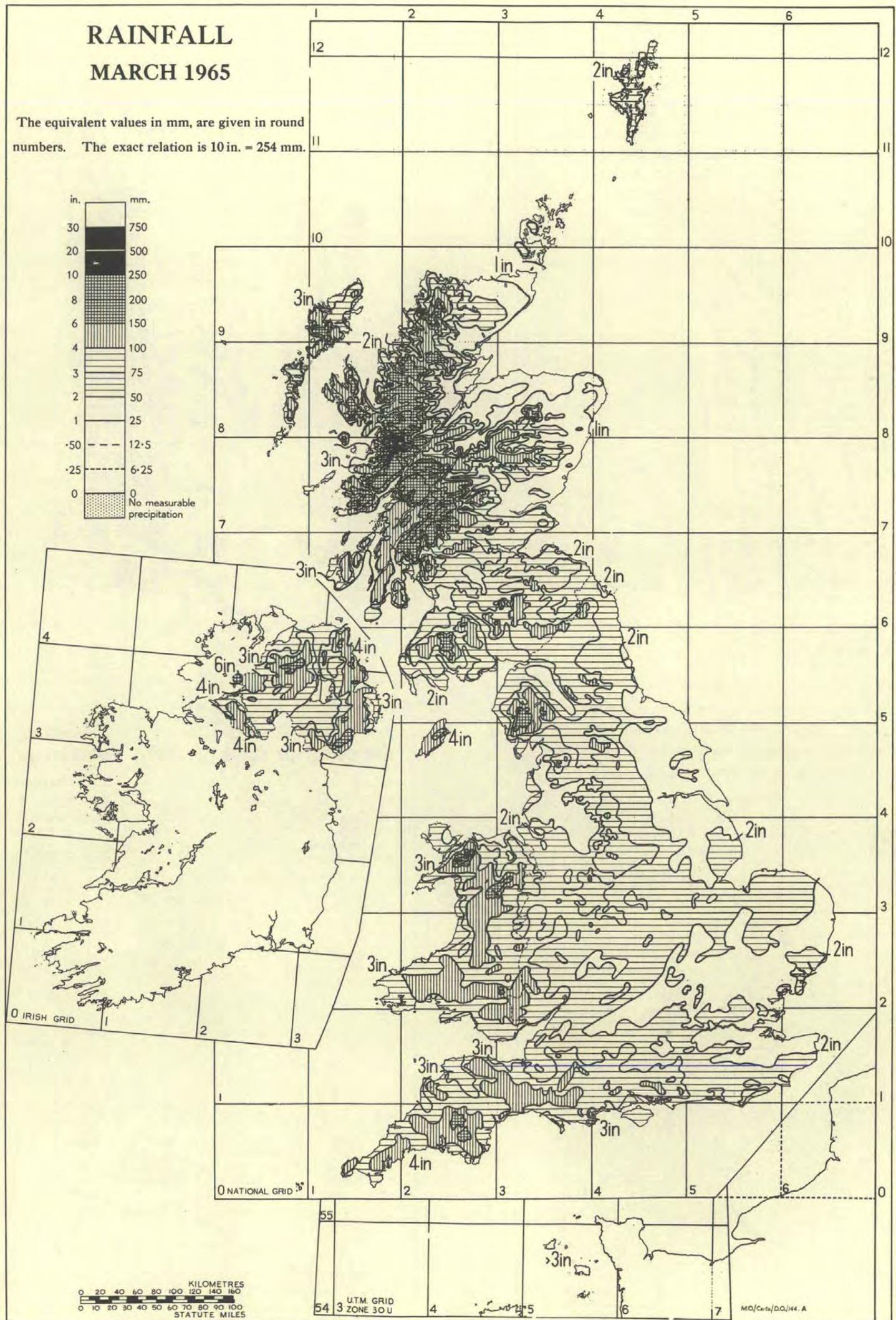
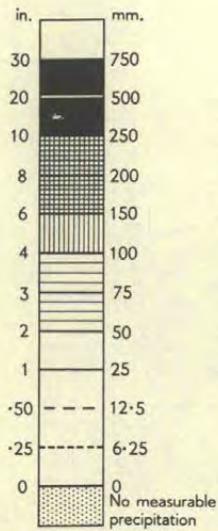


TABLE III —SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH, 1965

DISTRICT, COUNTY AND PLACE	Max. Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days								BRIGHT SUNSHINE							
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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				
			A	B		Mean of A and B	Maximum	Date	Minimum					Date	Amount	Date	0-1in. (0-25mm) or more												0-1in. (1-25mm) or more			
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%			
0 SCOTLAND, N.																																
Zetland																																
	9 9	70	6.2	1.9	4.1	-	9.4	15,28	-3.3	1	-	-	2.32	-	.49	26	15	13	8	3	1	0	0	1	7	-	2	3.74	-			
	21-9	269	5.0	0.9	2.9	-1.0	9.5	28	-4.8	23	-	-	2.33	65	.29	26	19	15	15	6	0	11	0	1	16	18	3	3.06	106			
	9 9	78	5.8	0.3	3.1	-	10.0	16,28	-5.0	1,26	3.6	-	3.55	96	.66	2	23	20	11	13	3	6	0	0	14	-	0	2.41	-			
Orkney																																
	9 9	43	6.4	3.2	4.8	-	11.1	29	-1.0	1	-	-	1.82	-	.37	16	18	13	9	2	0	2	0	0	3	10	3	-	-	-		
	9 9	75	7.0	1.1	4.1	-	13.9	28	-5.0	1	3.8	-	1.60	60	.40	26	20	8	6	5	0	2	0	0	10	22	0	4.10	-			
	9 9	110	6.5	0.8	3.7	-	12.2	28	-3.3	1,4,25	-	-	2.18	-	.45	16	13	11	-	-	-	-	-	0	10	18	-	3.01	-			
	21-9	84	6.5	1.1	3.8	-	13.8	29	-5.4	1	-	-	1.46	54	.29	27	15	9	12	3	4	0	0	0	11	18	0	3.71	114			
Caithness																																
	9 9	70	7.8	0.6	4.2	-	17.8	31	-6.7	2	-	-	.89	-	.26	26	19	7	-	6	-	-	-	1	12	21	2	-	-	-		
	21-9	119	6.6	1.1	3.9	-0.9	16.0	28	-6.4	2	-	-	.94	52	.27	26	14	6	9	6	0	5	0	0	10	16	0	3.87	114			
Sutherland																																
	21-9	367	6.6	1.8	4.2	-1.1	12.7	13	-2.8	1,26	-	-	1.45	50	.37	27	18	9	6	2	5	0	0	0	11	10	2	3.97	-			
	9 9	280	8.3	-1.2	3.5	-	18.9	28	-10.0	2	3.3	4.2	1.22	49	.34	26	14	7	10	6	4	0	0	1	21	22	0	3.65	-			
	9 9	120	7.9	0.1	4.0	-0.7	17.8	31	-7.2	1,4	-	-	1.42	51	.26	26	20	11	11	6	1	3	0	0	16	-	0	3.48	108			
Ross & Cromarty																																
	21-9	11	7.6	2.4	5.0	-0.7	12.8	28	-4.0	6	-	-	2.94	128	.79	2	17	13	7	1	2	1	0	0	7	15	3	3.56	102			
	9 9	2	8.9	1.8	5.3	-	17.2	30	-5.6	2	-	-	4.51	-	1.56	16	16	11	2	2	0	0	0	0	5	-	1	-	-	-		
	9 9	20	9.7	1.7	5.7	-	16.7	30,31	-9.9	4	-	-	2.94	74	1.09	16	10	10	-	-	-	-	-	0	12	21	-	3.64	-			
	9 9	45	8.1	0.4	4.3	-	15.0	28	-7.8	1	4.6	-	2.26	-	.66	16	15	11	6	3	0	1	0	0	14	19	0	3.60	-			
	9 9	220	8.9	0.3	4.6	-0.6	19.4	31	-10.0	2	-	-	6.26	112	1.61	16	16	14	6	6	0	0	0	0	14	-	1	-	-	-		
	9 9	76	8.8	0.4	4.6	-	20.6	31	-7.2	2	4.2	-	5.45	100	2.29	16	14	10	6	1	0	1	0	1	16	22	1	3.15	-			
	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9 9	15	7.1	1.9	4.5	-0.9	15.0	29	-5.0	2	-	-	.62	42	.19	26	10	5	3	6	0	0	0	1	6	-	0	3.15	90			
	21-9	60	6.8	3.1	4.9	-	15.5	28,29	-3.0	2	-	-	.88	76	.30	26	10	8	4	4	0	0	0	1	6	-	0	-	-	-		
Inverness																																
	21-9	19	7.8	2.4	5.1	-0.9	13.7	30	-3.5	2	-	-	3.56	142	1.18	2	13	11	6	3	0	4	0	0	0	9	13	3	3.88	-		
	9 9	15	8.8	2.8	5.8	-	17.2	28	-5.0	2	4.9	5.8	5.73	100	1.06	26	14	13	4	5	1	0	0	0	0	5	19	-	-	-	-	
	9 9	220	7.9	2.1	5.0	-	16.1	31	-5.6	2	-	-	4.13	90	1.09	16	16	12	5	3	0	5	0	0	0	9	19	4	3.94	-		
	9 9	294	7.5	2.2	4.9	-0.8	15.6	30	-2.8	1,2	-	-	2.56	79	.48	2	13	12	3	1	1	0	0	0	8	17	3	3.53	101			
	9 9	48	8.4	1.8	5.1	-0.6	15.6	29,31	-7.8	2	-	-	6.03	111	1.25	27	15	13	6	4	0	0	0	2	8	17	0	3.54	117 S			
	9 9	27	9.0	0.9	4.9	-	17.2	31	-8.3	2	3.9	4.1	5.13	-	1.20	16	13	11	9	1	0	0	0	1	14	18	2	3.40	- S			
	9 9	70	8.4	1.2	4.8	-0.5	16.7	28,29,31	-8.3	2	-	-	2.14	-	.67	16	14	8	4	1	0	1	0	1	12	-	2	3.44	-			
	9 9	350	7.8	-1.9	2.9	-	17.8	28	-14.4	2	-	-	2.15	73	.61	16	13	13	5	13	0	0	0	0	20	22	0	-	-	-		
	9 9	13	8.1	0.9	4.5	-	17.8	29	-6.1	2	-	-	.84	61	.16	26	11	7	9	4	0	0	0	0	14	22	0	3.58	-			
	9 9	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9 9	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9 9	1000	7.0	-1.4	2.8	-	17.2	28,29,31	-11.7	2	2.6	-	1.05	-	.29	26	12	8	12	-	0	0	0	0	21	28	1	-	-	-		
	9 9	1120	6.9	-1.2	2.9	-	17.8	28	-14.2	2	-	-	1.57	64	.41	26	16	9	10	12	0	0	0	1	22	24	0	4.24	- S			
1 SCOTLAND, E.																																
Nairn																																
	9 9	20	8.2	0.2	4.2	-1.1	17.8	28	-11.1	2	-	-	.86	62	.23	26	14	9	3	6	0	0	0	0	17	19	0	3.49	95			
Moray																																
	9 9	155	8.4	0.1	4.3	-	18.3	28	-7.2	2	3.7	4.3	.62	47	.21	26	12	5	6	5	0	1	0	0	19	21	0	3.57	97			
	21-9	15	8.4	0.5	4.5	-	18.2	28	-9.1	2	4.0	-	.72	56	.29	26	11	5	11	5	0	3	0	0	15	22	1	3.68	-			
	9 9	92	8.7	1.0	4.9	-	19.4	28	-6.1	2,4	-	-	.67	49	.25	26	9	6	2	6	0	0	0	0	13	20	0	4.11	-			
	9 9	21	8.4	0.4	4.4	-0.8	17.8	28	-10.0	2	-	-	.68	50	.30	26	11	5	9	3	0	5	0	0	12	22	0	-	-	-		
	9 9	104	8.4	1.1	4.7	-0.6	18.3	28	-6.7	2,4	-	-	1.16	69	.70	26	12	4	-	5	-	-	-	-	11	-	-	3.78	107			
Banff																																
	9 9	706	7.5	-1.4	3.1	-	18.0	31	-15.6	2	-	-	1.21	-	.46	4	14	6	9	10	1	0	0	0	21	23	0	3.95	-			
	9 9	80	7.8	1.2	4.5	-	18.3	28	-10.6	2	-	-	.84	-	.41																	



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average vyl	Most in a day		Precip'n		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										
			A	B			Maximum	Date	Minimum	Date					Amount	Date	01in (0.25mm) or more	04in (1.0mm) or more																					
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%									
2 ENGLAND, N.E. cont.																																							
Northumb.																																							
Berwick-on-Tweed	9 9	76	7.2	1.3	4.3	-0.9	18.3	29	-7.8	2	-	-	2.43	161	.35	19	15	12	9	2	0	0	0	0	0	0	0	10	14	0	3.69	103							
Cockle Park	9 9	326	7.1	0.1	3.6	-1.1	20.0	29	-8.3	3	3.2	-	2.71	149	.71	23	15	10	7	4	0	1	0	1	0	1	14	19	0	2.97	89								
Acklington	21-9	138	7.2	0.3	3.7	-	20.5	29	-9.3	3	-	-	2.42	146	.63	22	11	9	11	6	0	2	1	2	12	13	1	3.38	-										
Tynemouth	21-9	95	7.0	2.1	4.5	-1.2	21.4	29	-8.0	3	-	-	1.77	115	.69	23	15	7	6	4	2	0	0	1	6	13	1	3.23	101										
Seahouses	21-9	37	7.4	0.7	4.1	-	21.0	29	-9.4	2	-	-	2.11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Durham																																							
Chopwellwood	9 9	446	7.8	-0.1	3.9	-1.1	21.7	29	-10.6	3	-	-	2.34	128	.85	23	16	13	6	8	0	0	0	1	12	21	0	-	-	-	-	-	-	-	-	-	-	-	
Ushaw College	9 9	594	7.1	-0.3	3.4	-1.5	21.1	29	-11.7	3	-	-	2.28	117	.86	23	14	10	6	11	0	1	0	12	16	-	-	-	-	-	-	-	-	-	-	-	-	-	
Houghall	9 9	123	8.1	-1.4	3.3	-1.8	22.2	29	-20.0	3	-	-	2.05	121	.72	23	14	7	6	7	1	0	0	2	14	25	0	3.13	98										
Durham	9 9	336	7.7	-0.4	3.7	-1.4	21.7	29	-12.2	3	3.7	4.8	2.02	123	.69	23	16	9	-	8	-	-	-	-	-	16	21	-	3.34	102									
Gateshead	9 9	509	7.4	0.6	4.0	-	21.1	29	-10.0	3	-	-	2.13	127	.75	23	17	11	-	-	-	-	-	-	2	12	-	3.10	-										
West Hartlepool	9 9	30	8.3	1.4	4.9	-	23.3	29	-10.0	3	-	-	1.45	106	.57	23	13	8	6	6	0	0	0	4	11	17	0	3.78	-										
Yorks.																																							
Dishforth	21-9	105	8.8	0.6	4.7	-0.9	23.7	29	-11.1	3	-	-	1.47	98	.34	23	12	6	8	5	0	0	0	2	12	15	0	3.99	115										
N. Riding																																							
Thirsk	9 9	111	8.7	-0.2	4.3	-	22.8	29	-11.7	3	-	-	1.04	-	.27	25	11	7	6	7	1	0	0	2	12	22	0	-	-	-	-	-	-	-	-	-	-	-	
Ampleforth	9 9	313	8.4	0.2	4.3	-0.8	21.1	29	-10.6	3	-	-	1.55	85	.33	20	15	9	6	-	0	0	0	2	14	17	0	-	-	-	-	-	-	-	-	-	-	-	
Redcar	9 9	25	8.6	1.8	5.2	-	23.3	29	-8.9	3	-	-	1.12	82	.45	23	15	8	-	5	-	-	-	1	7	-	-	3.31	-										
Pickering	9 9	143	8.4	-0.8	3.8	-	21.7	29	-15.0	3	-	-	1.16	-	.28	20	16	7	7	6	0	0	0	1	15	18	0	-	-	-	-	-	-	-	-	-	-	-	
Whitby	9 9	135	8.6	1.5	5.1	-	22.8	29	-8.3	3	-	-	(1.74)	(1.07)	.46	23	(15)	(11)	6	2	0	0	0	6	9	-	-	3.79	102										
Scarborough	9 9	118	8.4	1.9	5.1	-1.0	22.8	29	-6.1	3	5.2	6.1	1.48	97	.43	23	15	9	6	0	0	0	1	6	12	0	-	3.67	108										
Silpho Moor	9 9	665	7.4	-0.1	3.7	-	21.7	29	-8.3	3	3.1	-	2.25	110	.43	23	20	12	5	5	0	0	0	4	14	27	0	3.62	-										
Whitby C. Guard	21-9	200	8.0	1.7	4.9	-	25.0	29	-8.5	3	-	-	1.16	-	.43	23	12	6	7	1	0	0	0	11	14	0	-	-	-	-	-	-	-	-	-	-	-		
Yorks.																																							
E. Riding																																							
High Mowthorpe	9 9	574	6.8	0.3	3.5	-	20.6	29	-8.9	3	3.3	-	1.88	83	.41	23	15	11	5	9	0	0	0	4	13	21	0	4.08	-										
Hull	9 9	8	8.7	1.2	4.9	-1.1	23.3	29	-6.1	2,3	4.4	5.2	1.59	107	.48	20	16	8	6	4	0	2	0	3	12	14	0	3.45	112										
Leconfield	21-9	24	8.5	0.6	4.5	-	22.7	29	-9.4	3	-	-	1.96	-	.54	20	13	9	9	4	1	2	0	3	12	19	0	3.79	-										
Filey	9 9	122	7.7	1.1	4.4	-	21.7	29	-9.4	3	-	-	1.46	92	.41	23	11	9	2	0	0	5	0	0	11	15	0	3.58	-										
Bridlington	9 9	157	7.2	1.3	4.3	-	21.7	29	-7.8	3	-	-	1.79	107	.38	23	16	10	8	4	0	0	0	0	8	14	0	4.12	-										
Kilnsea	21-9	40	7.1	2.2	4.7	-	19.0	29	-5.0	3	-	-	1.15	-	.41	20	11	8	5	0	0	0	0	2	8	-	-	-	-	-	-	-	-	-	-	-	-		
Lincoln																																							
Navenby	9 9	60	9.4	0.3	4.9	-	22.8	29	-11.7	3	-	-	2.32	-	.90	20	12	11	7	7	0	0	0	3	11	19	0	-	-	-	-	-	-	-	-	-	-	-	
Waddington	21-9	224	8.9	0.7	4.8	-0.8	22.4	29	-9.1	3	-	-	1.78	-	.67	20	12	9	8	4	0	0	0	4	13	16	0	4.40	-										
Lincoln	9 9	22	9.4	0.2	4.8	-	23.3	29	-9.4	2	4.1	4.4	2.16	149	.84	20	15	9	3	3	0	0	0	2	11	22	0	4.18	-										
Cranwell	9 9	205	8.8	0.4	4.6	-0.9	22.2	29	-9.9	3	4.0	4.5	2.09	144	.74	20	15	9	7	6	0	1	0	4	14	14	0	4.36	120										
Brigg	9 9	10	9.8	-0.5	4.7	-	23.3	29	-8.9	3	-	-	1.56	-	.40	20	13	8	7	4	0	0	2	16	20	0	-	-	-	-	-	-	-	-	-	-	-		
Caistor	9 9	180	9.3	(0.9)	(5.1)	-	23.3	29	-8.9	3	-	-	1.19	-	.23	25	17	10	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Binbrook	21-9	353	8.0	1.1	4.5	-	22.0	29	-7.4	3	-	-	1.72	-	.59	20	13	8	5	0	5	0	1	10	14	0	-	-	-	-	-	-	-	-	-	-	-		
Cleethorpes	9 9	23	8.6	1.7	5.1	-0.6	23.3	29	-7.2	3	-	-	1.27	86	.39	20	10	9	5	1	0	0	0	1	12	-	-	4.28	116										
Manby	21-9	55	8.5	1.2	4.9	-	21.7	29	-12.6	3	-	-	1.87	140	.47	20	14	10	8	6	0	3	1	2	12	14	0	4.01	-										
Sk																																							

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER										BRIGHT SUNSHINE							
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9h	Ice or snow pellets etc	Thunder heard	Fog at 9h	Air Frost	Grass min below 0 C	Gale	Daily Mean	Percentage of Average						
			A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum						Date	0.1 in (0.2 mm) or more											0.01 in (0.1 mm) or more					
			°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	in	%	in	mm	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm			
4 MIDLAND COUNTIES cont.																																
Yorks.	Huddersfield	8	9 9	325	6.9	0.6	3.7	-1.5	22.8	29	-10.6	3	3.4	4.4	3.47	-	1.09	20	16	8	-	9	-	-	-	2	12	16	-	3.71	151	
W. Riding	Oakes		21-9	761	7.7	0.7	4.2	-0.7	23.4	29	-9.3	3	3.0	4.2	3.37	194	1.01	20	17	10	4	8	0	1	1	7	15	21	0	3.50	119	
cont.	Bradford	£	9 9	439	7.9	0.5	4.2	-0.8	22.8	29	-8.3	2,3	3.3	4.1	2.96	140	.91	20	14	11	6	8	0	1	0	4	13	19	0	3.59	117	
	Ilkley		9 9	315	8.8	0.2	4.5	-0.6	22.8	29	-11.7	3	-	-	2.96	126	.87	20	11	11	5	8	0	0	0	0	12	-	0	3.61	128	
	Sheffield		9 9	429	8.8	1.0	4.9	-0.8	23.3	29	-8.3	3	-	4.8	2.91	146	1.03	20	12	11	6	9	0	0	0	-	12	-	0	3.61	128	
	Wakefield		9 9	121	9.8	0.4	5.1	-0.7	25.0	29	-9.4	3	3.9	4.9	2.69	157	.70	20	15	10	6	-	0	0	0	6	16	24	0	-	-	
	Pontefract		9 9	255	8.6	1.1	4.9	-0.5	22.8	29	-8.9	3	-	-	2.11	153	.77	20	12	9	7	8	0	0	0	3	13	12	0	-	-	
	Bramham		9 9	177	8.5	-0.7	3.9	-	22.2	29	-11.1	3	-	-	2.47	134	.94	20	12	10	5	6	0	0	0	2	17	20	0	3.95	-	
	Cawood		9 9	20	8.9	-0.3	4.3	-	23.3	29	-13.3	3	3.7	4.6	1.98	137	.65	20	12	7	6	6	0	0	0	1	14	16	0	4.05	-	
	Askham Bryan		9 9	110	8.7	-0.2	4.3	-	22.8	29	-10.0	3	-	-	1.74	111	.55	20	8	7	2	7	0	0	0	3	15	22	0	4.05	128	
Derby	Buxton		9 9	1007	6.8	-0.6	3.1	-0.9	20.0	29	-10.6	3	2.6	3.3	3.79	132	.62	21	18	15	9	11	0	0	0	11	14	17	0	-	-	
	Chapel en le Frith		9 9	732	8.2	-0.6	3.8	-	22.8	29	-11.7	3	-	-	2.47	-	.50	21	15	12	5	4	2	0	0	4	17	23	0	-	-	
	Mackworth		9 9	293	9.1	-0.1	4.5	-	21.1	28,29	-13.9	3	-	-	.91	20	-	-	-	-	-	-	-	-	-	3	17	-	-	-		
	Belper		9 9	203	9.5	-0.2	4.7	-0.9	22.8	28	-13.3	3	-	-	3.05	169	1.00	20	13	12	2	7	1	0	0	0	-	16	-	-	-	
	Derby		9 9	159	9.7	0.7	5.2	-	22.8	29	-12.8	3	-	-	2.44	-	.83	20	14	12	2	5	1	0	1	5	13	18	0	4.06	-	
	Morley		9 9	350	8.8	0.4	4.6	-	22.2	29	-11.1	3	-	-	2.58	120	.90	20	14	12	2	8	0	0	0	0	-	12	20	1	4.02	-
	Chesterfield		9 9	298	10.1	-0.3	4.9	-	23.3	29	-12.2	3	-	-	2.90	-	.73	20	14	12	6	8	0	0	0	2	16	-	0	-	-	
Nottingham	Sutton Bonington		9 9	157	9.4	0.6	5.0	-0.6	21.7	28,29	-12.2	3	4.2	4.9	2.36	166	.75	20	14	11	2	5	0	0	0	1	12	20	0	4.18	127	
	Watnall		21-9	385	9.1	0.9	5.0	-	22.8	29	-10.6	3	-	-	2.52	147	.87	20	14	9	6	7	1	2	1	6	11	21	0	3.79	116	
	Nottingham T.C.*		9 9	169	9.2	0.9	5.1	-	21.7	28,29	-10.0	3	-	-	2.42	-	.61	20	15	12	-	-	-	-	-	3	12	21	-	3.35	-	
	Mansfield		9 9	362	8.7	0.4	4.5	-1.1	22.2	28	-7.8	2,3	3.9	-	3.09	176	.87	20	15	11	5	-	0	0	0	5	11	20	0	-	-	
	Nottingham	§	9 9	192	9.7	1.6	5.7	-0.3	22.8	29	-7.2	3	4.0	4.3	2.32	158	.77	20	14	12	6	5	1	0	0	2	9	15	0	3.78	127	
	Warsop		9 9	150	9.2	-1.3	3.9	-	22.2	28,29	-13.9	3	-	-	2.18	147	.71	20	15	9	2	3	0	0	0	8	18	19	0	3.66	-	
	Finningley		21-9	34	10.0	0.8	5.4	-0.4	23.6	29	-9.3	3	-	-	1.76	-	.74	20	13	8	7	3	1	0	0	3	12	17	0	4.42	-	
Leicester	Newtown Linford		9 9	392	9.2	0.2	4.7	-	21.7	28,29	-11.1	3	-	-	2.88	-	.95	20	16	11	5	6	0	0	0	4	12	19	0	3.93	-	
	Caldecott		9 9	175	10.1	-0.1	5.0	-	22.8	29	-10.6	3	-	-	2.33	-	.64	20	13	11	-	3	-	-	-	4	18	17	-	4.14	-	
Northampton	Bugbrooke Mills		9 9	238	9.8	-	-	-	21.7	29	-	-	4.4	5.4	2.41	-	.80	20	16	12	-	8	-	-	-	0	-	-	-	4.09	-	
	Raunds		9 9	193	9.8	0.3	5.1	-	23.3	29	-12.8	3	4.6	5.5	2.04	142	.54	20	13	11	5	6	0	0	0	2	13	20	0	4.01	-	
	Wittering		21-9	212	9.2	1.1	5.1	-	22.4	29	-12.0	3	-	-	2.43	-	.87	20	14	10	7	6	0	1	0	3	10	18	0	4.35	-	
Warwick	Birmingham K.E.S.*		9 9	450	8.9	1.2	5.1	-	21.7	29	-8.3	3	-	-	3.14	-	.55	20	17	13	5	7	0	0	0	3	10	-	0	-	-	
	Edgbaston	§	21-9	536	8.8	2.0	5.4	-0.5	22.3	29	-7.4	3	5.0	6.3	3.02	161	.78	20	17	13	6	9	1	0	1	1	8	13	0	4.05	128	
	Luddington		9 9	138	10.1	0.9	5.5	-	22.2	29	-11.7	3	-	-	2.36	163	.71	20	14	2	4	4	1	0	0	0	11	17	0	4.58	-	
	Straatford on Avon		9 9	160	10.4	0.7	5.5	-	23.3	29	-11.7	3	4.8	-	2.45	152	.71	20	16	12	3	4	0	0	0	0	10	18	0	4.26	-	
	Elmdon		21-9	319	9.5	0.5	5.0	-	23.7	29	-11.6	3	-	-	2.54	150	.82	20	15	12	6	5	0	2	0	1	11	17	0	4.31	-	
	Shipston on Stour		9 9	365	9.4	1.1	5.3	-	22.2	29	-8.3	3	4.2	-	2.26	-	.63	20	14	12	4	3	1	0	0	0	12	19	-	4.73	-	
	Wellesbourne		9 9	153	9.8	0.4	5.1	-	21.7	29	-10.0	3	-	-	2.42	176	.64	20	14	12	3	2	0	0	0	0	-	13	-	0	4.42	-
	Moreton Morrell		9 9	280	9.9	1.1	5.5	-	22.8	29	-8.9	3	-	-	2.43	-	.80	20	14	13	1	5	0	2	1	1	11	17	1	4.54	-	
	Coventry		9 9	338	9.6	0.8	5.2	-0.5	21.7	29	-9.4	3	4.2	5.2	2.51	154	.69	20	15	11	4	5	0	0	0	0	10	18	0	4.14	127	
	Rugby		9 9	385	9.2	0.6	4.9	-0.7	22.2	29	-8.9	3	3.8	4.7	2.77	-	.70	20	16	12	4	9	1	0	0	0	-	12	20	0	-	-
Oxford	Oxford	§	9 9	208	10.1	1.8	5.9	-0.5	22.2	29	-6.7	3	4.9	5.2	1.73	104	.52	20	18	10	3	5	0	0	0	2	10	16	0	4.44	114	
Buckingham	Medmenham		9 9	98	10.6	0.3	5.5	-	22.8	29	-10.6	3	-	-	2.34	-	.40	20	17	12	-	-	-	-	-	-	15	20	-	-	-	
	Grendon Underwood		9 9	220	10.2	0.4	5.3	-	22.2	29	-11.7	3	4.5	5.1	1.93	-	.60	20	14	9	2	2	0	0	0	2	13	18	0	4.15	-	
	Bletchley		9 9	281	10.2	1.3	5.8	-	22.8	29	-10.0	3	-	-	2.04	-	.68	20	16	11	6	3	0	1	0	1	9	-	0	-	-	
	Aylesbury		9 9	316	9.6	1.1	5.4	-	21.7	29	-11.1	3	-	-	1.29	80	.36	20	12	9	4	4	1	0	0	0	4	11	18	0	4.05	-
Stafford	Keele		9 9	587	8.3	0.6	4.5	-	20.6	28	-9.4	3	3.6	4.4	2.75	148	.49	20	15	13	6	7	1									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER											BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		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				
			A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum						Date	0.1 in. (0.25 mm) or more												0.01 in. (0.25 mm) or more			
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
5 ENGLAND, S.E.—cont.																															
Surrey cont.	Kew Observatory	21-9	18	10.3	3.2	6.7	0.0	22.0	29	-5.9	3	5.3	6.0	1.83	125	.43	16	16	9	5	3	1	0	0	2	2	10	17	0	4.36	120
	Gatwick	21-9	192	10.4	0.8	5.6	-	22.2	28	-11.3	3	-	-	2.15	-	.52	20	15	11	6	5	0	0	0	0	3	11	19	0	4.53	-
	Waddon	9 9	220	10.3	2.4	6.4	-0.1	22.8	29	-5.6	3	-	-	1.67	99	.43	20	15	8	-	-	-	-	-	-	9	-	-	-	-	-
	Addington	9 9	474	9.6	2.0	5.8	-0.1	22.8	29	-6.7	3	-	-	1.92	108	.42	20	17	10	-	-	-	-	-	1	9	-	-	-	-	-
Kent	Bromley	9 9	213																												
	Swanley	9 9	177	10.1	1.6	5.9	-	22.8	29	-8.9	3	5.5	-	1.79	-	.44	20	17	11	6	3	2	0	1	2	10	15	0	4.13	-	-
	Dartford	9 9	17	10.6	1.7	6.2	-	23.9	29	-6.1	3	-	-	1.86	134	.43	20	15	10	4	3	0	2	1	3	11	-	-	-	-	-
	West Malling	21-9	304	9.5	1.5	5.5	-	22.1	28	-7.5	3	-	-	1.83	-	.50	20	15	11	6	5	0	0	0	2	11	18	0	4.55	-	-
	Goudhurst	9 9	280	9.9	1.2	5.5	-	22.2	29	-6.7	3,7	-	-	2.78	132	.61	20	16	12	5	7	1	0	0	0	11	17	0	-	-	-
	East Malling	9 9	122	10.0	1.6	5.8	-0.1	22.2	28,29	-6.1	3	5.1	5.6	1.63	99	.48	20	16	9	6	3	0	0	0	2	11	16	0	4.37	113	
	Gillingham	9 9	14	10.2	2.3	6.3	-	22.2	28	-4.4	3,4	-	-	1.43	-	.42	20	12	10	2	5	0	0	0	0	9	-	-	-	-	-
	Sittingbourne	9 9	224	9.6	2.2	5.9	-	22.2	28,29	-5.6	7	5.1	5.4	1.90	91	.54	20	14	11	4	4	0	0	0	2	10	14	1	4.30	-	-
	Ide of Grain	9 9	9	9.8	2.7	6.3	-	22.8	28	-5.6	3	-	-	1.62	-	.35	20	17	11	3	5	0	0	0	1	8	15	0	4.03	-	-
	Faversham	9 9	157	9.2	1.8	5.5	-	21.7	29	-5.6	3	5.2	5.3	1.55	-	.43	20	16	11	3	4	0	2	0	2	11	15	0	4.17	-	-
	Dungeness	21-9	10	7.7	2.5	5.1	-0.7	15.2	29	-8.7	3	-	-	2.51	166	.50	20	18	15	4	4	0	3	0	5	7	1	-	-	-	-
	Wye	9 9	185	9.2	2.1	5.7	-0.3	21.1	29	-6.1	3	-	-	2.10	109	.50	20	15	13	2	5	0	0	0	4	9	14	0	4.20	99	
	Whitstable	9 9	9	9.5	2.6	6.1	-	21.7	28	-5.0	3	-	-	1.55	116	.38	20	15	11	3	3	0	1	0	0	10	-	-	-	-	-
	Folkestone	9 9	128	8.3	2.2	5.3	-	20.0	29	-6.1	3	-	-	2.28	146	.44	20	19	13	6	6	0	0	0	3	9	12	1	3.78	-	-
	Elmstone	9 9	28	9.6	1.5	5.5	-	21.1	29	-5.0	3	-	-	1.65	-	.26	20	18	10	-	4	-	-	-	2	11	16	-	-	-	-
	Herne Bay	9 9	21	9.3	3.1	6.2	-	20.6	29	-4.4	3,4	-	-	1.92	136	.45	20	17	11	4	4	0	0	0	1	5	-	-	-	-	-
	Dover	9 9	19	8.3	2.8	5.6	-0.7	16.1	30	-5.0	3	5.7	5.9	2.63	146	.54	22	16	14	7	7	0	0	0	3	7	11	0	3.52	-	-
	Deal	21-9	18	7.9	3.1	5.5	-	14.4	28	-4.6	3	-	-	1.98	-	.54	22	17	10	7	4	0	2	0	1	5	10	0	-	-	-
	Manston	21-9	145	8.7	2.0	5.4	-	20.0	29	-4.8	3	-	-	1.36	-	.29	20	16	7	8	5	0	1	0	1	8	13	1	-	-	-
	Ramsgate	9 9	80	8.2	-	-	-	17.2	29	-3.9	3	-	-	1.82	139	.31	20	16	9	6	4	0	1	0	1	1	-	-	-	-	-
	Margate	9 9	51	8.6	3.4	6.0	-0.5	21.1	29	-3.9	3	5.2	6.0	1.47	120	.36	20	17	8	5	9	0	0	0	1	6	12	0	4.01	89	
Sussex	Thorney Island	21-9	10	9.8	2.5	6.1	-	20.7	30	-6.6	3	-	-	2.40	138	.75	3	16	13	5	6	0	1	0	2	9	12	0	4.74	-	-
	Bognor Regis	9 9	24	8.4	2.3	5.3	-0.9	17.8	30	-6.1	3	-	-	6.5	2.53	133	.63	20	16	13	4	4	0	0	0	10	21	1	4.81	111	
	Fernhurst	9 9	188	10.1	1.7	5.9	-	20.6	29	-10.6	7	5.2	-	3.14	138	.95	3	14	13	2	-	0	0	0	0	10	14	0	4.37	-	-
	Littlehampton	9 9	15	9.1	2.4	5.7	-0.7	20.0	30	-6.7	3	-	-	6.1	2.50	138	.60	20	15	12	3	0	0	0	0	9	-	-	-	-	-
	Rustington	9 9	10	9.3	2.1	5.7	-	20.0	30	-6.7	3	-	-	5.4	2.44	-	.62	20	14	12	-	8	-	-	-	9	14	-	-	-	-
	Worthing	9 9	25	8.7	2.7	5.7	-0.7	19.4	30	-5.6	3	5.4	5.9	2.34	136	.59	20	14	11	4	5	0	0	0	0	8	13	0	4.44	98	
	Brighton	9 9	32	8.7	3.0	5.9	-	20.0	30	-6.1	3	-	-	6.4	2.28	132	.60	3	14	9	2	6	0	0	0	4	7	12	0	4.24	96
	East Grinstead	9 9	400	10.2	1.1	5.7	-	22.2	28,29	-10.6	3	5.2	5.4	2.66	-	.59	20	18	16	-	6	-	-	-	2	12	21	-	-	-	
	East Hoathly	21-9	130	9.5	1.7	5.6	-	20.1	29	-10.5	3	-	-	2.80	-	.59	20	16	12	4	5	0	1	0	3	11	14	0	4.31	-	-
	Eastbourne	9 9	23	8.6	3.1	5.9	-0.5	16.7	29	-6.1	3	6.1	7.1	2.94	149	.73	20	14	12	4	-	0	0	0	0	6	14	0	4.69	104	
	Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bexhill	9 9	12	8.4	2.7	5.5	-0.8	18.3	29	-5.6	3	5.8	-	2.77	156	.64	20	16	14	3	3	0	0	0	2	8	11	0	4.03	93	
	Bodiam	9 9	73	9.7	1.3	5.5	-	21.1	29	-6.1	3	5.3	5.8	2.83	141	.61	20	16	15	3	5	1	0	0	2	13	17	0	4.09	-	
	Hastings	9 9	149	8.4	2.8	5.6	-0.8	18.3	29,30	-6.1	3	5.6	6.3	2.85	158	.65	20	17	14	2	5	0	2	0	3	7	16	0	4.13	92	
Berkshire	Letcombe Regis	9 9	350	10.0	1.3	5.7	-	21.1	29	-8.9	3	-	-	2.25	-	.51	25	17	10	3	6	0	0	0	2	12	-	-	-	-	
	Abingdon	21-9	210	10.1	1.3	5.7	-0.6	22.1	29	-10.0	3	-	-	1.78	116	.39	20	16	12	5	4	0	1	1	3	12	18	0	4.44	-	
	Compton	9 9	339	9.8	0.4	5.1	-	21.1	28,29	-10.0	3	5.5	-	1.90	-	.36	20	15	11	2	4	0	0	0	0	13	19	0	4.49	-	
	Wallingford	9 9	157	10.4	1.1	5.7	-	22.2	29	-10.6	3	5.3	6.0	1.54	-	.29	20	15	11	4	5	0	0	0	-	13	18	0	4.35	-	
	Shinfield	9 9	200	10.2	1.6	5.9	-0.3	21.7	29	-8.3	7	-	-	1.86	112	.35	20	17	9	-	5	-	-	-	4	11	-	-	-	-	
	Reading	9 9	148	10.7	2.1	6.4	-0.2	22.8	29	-7.2	3	5.4	5.5	2.42	143	.43	3	17	11	5	4	0	2	1	3	9	18	0	4.38	-	
	Reading S.T.G.*	9 9	141	10.4	3.8	7.1	-	22.2	29	-11.1	3	-	-	2.35	147	.44	25	16	11	5	4	0	0	1	2	10	16	0	4.30	-	
	Finchampstead																														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grass min below 0° C	Gale	Daily Mean	Percentage of Average			
			A	B			Maximum	Date	Minimum	Date					Amount	Date													0.1in (0.2mm) or more	0.4in (1.0mm) or more	
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%	
7a ENGLAND, N.W.—cont.																															
Lancashire																															
	21-9	33	9.5	0.5	5.0	-0.8	23.4	29	-8.7	2	-	-	2.04	109	.31	25	15	10	6	2	0	1	0	1	15	17	0	4.40	117		
	9 9	130	8.8	0.6	4.7	-	21.7	29	-9.4	2	-	-	2.65	94	.63	22	13	10	8	2	0	0	0	5	11	-	-	-	-		
	9 9	16	9.3	0.7	5.0	-	21.7	29	-8.9	2	4.6	6.8	2.06	107	.41	20	13	10	-	5	-	-	-	2	10	17	-	4.34	-		
	9 9	38																													
	9 9	300	8.2	-1.3	3.5	-	19.4	29	-12.2	2	-	-	4.84		.94	26	15	13	8	7	0	2	0	2	16	22	0	-	-		
	21-9	80	9.7	1.9	5.8	-	22.2	28	-7.3	3	-	-	1.92	108	.55	20	13	7	6	3	0	0	0	2	10	15	0	4.27	-		
	9 9	78	9.5	0.7	5.1	-	22.2	29	-10.6	2	-	-	1.56	75	.35	25	14	9	6	3	0	0	0	0	12	23	0	4.33	-		
	9 9	68	8.8	0.9	4.9	-	21.7	29	-10.0	2	-	-	1.49	73	.42	25	13	11	-	3	-	-	-	0	9	17	-	4.17	-		
	9 9	24	8.9	1.6	5.3	-0.6	22.2	29	-6.1	2	-	-	1.96	92	.38	23	14	10	1	2	0	0	0	0	9	-	0	4.57	122		
	9 9	50	10.0	0.6	5.3	-	23.3	29	-8.3	2	4.3	5.1	2.09	-	.77	20	11	8	4	1	0	0	0	5	13	19	0	4.19	-		
	9 9	108	9.3	1.0	5.1	-	22.2	29	-9.4	2	-	-	1.87	86	.33	22	15	10	7	5	0	1	0	2	10	16	0	-	-		
	9 9	377		0.4		-	21.7	29	-8.9	2	-	-			.35	15												3.86	118		
	9 9	854	7.3	0.3	3.8	-	20.0	29	-8.9	3	3.5	-	2.30	63	.48	25	13	13	-	9	-	-	-	4	14	21	-	4.25	-		
	9 9	655	7.7	-0.2	3.7	-	21.7	29	-11.1	2	3.5	4.5	1.68	-	.35	25	13	10	6	7	0	0	0	4	13	24	0	4.06	-		
	9 9	540	7.6	0.1	3.9	-	21.1	29	-10.6	2	3.3	4.4	1.77	73	.32	25	13	11	-	9	-	-	-	3	13	22	-	3.87	- S		
	9 9	362	9.2	-0.1	4.5	-	21.7	29	-8.9	3	-	-	1.82	69	.30	25	13	13	3	2	0	0	0	4	12	20	-	-	-		
Cheshire																															
	9 9	198	8.7	1.9	5.3	-0.7	21.1	29	-7.2	3	-	-	1.93	118	.60	20	12	9	-	-	-	-	-	2	8	13	-	4.60	130		
	9 9	65	10.1	1.6	5.9	-	23.3	28	-7.8	3	-	-	2.41	137	.79	20	13	7	5	1	0	0	0	1	9	18	0	-	-		
	9 9	212	9.9	0.9	5.4	-	23.3	29	-7.8	2,3	3.8	4.6	1.94	103	.44	18	14	8	-	0	-	-	-	-	11	21	-	-	-		
	21-9	248	9.5	1.7	5.6	-0.3	21.7	28,29	-6.5	3	-	-	1.50	85	.31	23	11	8	7	0	1	0	0	0	9	14	0	4.51	140		
	9 9	500	8.7	1.4	5.1	-0.4	22.8	29	-7.8	2	-	-	1.50	73	.29	23	15	11	8	3	0	0	1	1	8	-	2	-	-		
7b NORTH WALES																															
Flint																															
	9 9	31	9.7	2.0	5.9	-0.7	23.3	29	-10.6	2	-	-	1.85	111	.39	22	13	8	5	6	0	0	0	0	10	9	0	4.42	116		
	9 9	12	9.6	2.2	5.9	-	23.2	29	-7.8	2	-	-	1.87	106	.49	20	13	10	8	5	1	0	0	0	8	-	1	4.00	111		
	9 9	17	9.6	0.7	5.1	-1.2	22.2	29	-11.7	3	-	-	2.39	141	.77	21	15	10	4	6	0	1	0	3	14	-	0	-	-		
Anglesey																															
	21-9	33	9.8	2.9	6.3	-0.5	18.4	30	-4.5	2	-	-	2.04	98	.48	3	16	9	5	3	1	0	0	0	9	14	4	4.57	111		
Denbigh																															
	9 9	118	9.9	2.6	6.3	-0.5	22.8	29	-7.8	2	5.2	-	1.78	96	.40	3	13	9	5	6	0	0	0	0	8	-	-	4.39	111		
	9 9	1100	6.9	-1.7	2.6	-	21.1	29	-17.2	2	-	-	3.55	113	.58	25	18	15	-	-	-	-	-	18	22	-	-	-	-		
	9 9	248	9.1	0.8	4.9	-	22.8	29	-15.0	2	-	-	2.69	-	1.00	3	14	10	-	7	-	-	-	0	8	-	-	3.95	-		
	9 9	690	7.8	-0.7	3.5	-	22.2	29	-19.4	3	3.5	4.4	3.22	-	.94	20	16	13	6	10	2	0	0	2	13	18	1	-	-		
	9 9	1267	5.8	-0.4	2.7	-	19.4	29	-11.7	2	3.2	-	3.84	137	1.15	20	16	12	6	12	0	0	0	9	15	21	-	-	-		
	9 9	275	9.3	0.6	4.9	-	22.8	28	-10.6	3	4.1	4.6	3.01	150	.60	20	15	12	5	10	0	1	0	2	13	23	-	-	-		
Caernarvon																															
	21-9	61	8.3	4.4	6.3	-	15.6	29	-5.1	3	-	-	2.56	-	.51	20	14	10	-	2	-	-	-	1	4	7	-	-	-		
	9 9	112	9.3	2.7	6.0	-	18.9	29	-7.8	2	5.8	6.2	2.88	-	.55	21	16	13	3	4	0	0	0	0	8	15	2	4.73	-		
	9 9	275	10.4	3.0	6.7	-	22.8	29	-7.2	2	-	-	1.96	69	.40	20	17	10	2	5	0	3	0	0	7	16	0	4.38	-		
	9 9	324	8.9	-0.2	4.3	-	22.2	29	-10.6	3	4.8	-	7.04	82	1.51	25	19	17	-	-	-	-	-	0	14	16	-	-	-		
	9 9	60	10.5	3.8	6.9	-0.2	20.6	29	-5.0	2	-	-	2.70	106	.83	3	13	8	4	9	0	0	0	0	11	14	0	4.34	111		
	9 9	13																													
Merioneth																															
	9 9	1656											3.59	-	.85	20	17	14	-	-	-	-	-	-	-	-	-	-	-	-	
	9 9	750																													
	9 9	473	8.8	-1.1	3.9	-	22.2	29	-21.7	3	-	-	2.45	90	.68	25	15	12	4	10	0	1	0	-	13	-	-	-	- S		
Montgomery																															
	9 9	200	9.4	0.2	4.8	-	23.9	29	-13.3	2,3	-	-	4.27	-	.70	20	16	14	-	-	-	-	-	0	12	17	-	-	-		
	9 9	995	7.0	-0.1	3.5	-	20.6	29	-8.3	2	3.1	-	4.46	112	.96	25	17	16	8	14	0	0	1	4	13	28	0	-	-		
8a SOUTH WALES																															
Cardigan																															

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MARCH, 1965

Table with columns for District, County and Place; Terminal Hours of Observation; Height of Station above Mean Sea Level; Air Temperature in Degrees Celsius (Means of A, B; Difference from Average; Highest Maximum and Lowest Minimum); Mean Earth Temperature (1 ft., 4 ft.); Rainfall (Terminal hour 9 G.M.T.) (Total Fall, Percentage of Average, Most in a day); 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, All Frost, Grass min. below 0°C, Gale); and Bright Sunshine (Daily Mean, Percentage of Average).

† Air Frost - Screen Min. below 0°C.

‡ & § See Notes on Tables in the Introduction.

\*\* Average period 1916-1950

† Average period 1931 - 60







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH, 1965

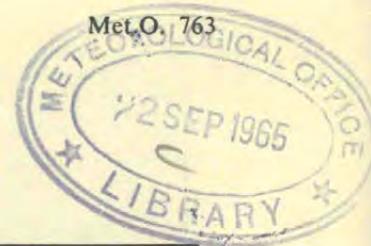
DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																							
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																		
										0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,090 yd.	1,100-2,100 yd.	2,100-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6	4	1 to 3	Calm	N	N.E.	E.	S.E.	S	S.W.	W	N.W.		
			ft.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,090 yd.	1,100-2,100 yd.	2,100-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6	4	1 to 3	Calm	N	N.E.	E.	S.E.	S	S.W.	W	N.W.			
7a ENGLAND, N.W.	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,090 yd.	1,100-2,100 yd.	2,100-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6	4	1 to 3	Calm	N	N.E.	E.	S.E.	S	S.W.	W	N.W.			
Cumberland Carlisle	H	3 92	1013.8	-	2.1	0.7	6.4	87	3.8	8	6	6	2	8	1	0	0	0	0	0	0	0	1	5	14	10	0	0	0	0	10	16	5	0	0	4	10	2	3	5	2	0		
Lancashire Squires Gate	H	3 35	1012.9	-	2.1	0.4	6.7	91	4.6	8	4	2	7	10	0	0	0	0	0	0	0	1	2	4	17	4	3	0	0	0	3	12	16	0	0	2	8	8	5	4	3	0		
Speke	H	3 85	1013.3	-	4.2	0.8	7.3	86	5.4	3	6	2	10	10	0	0	0	0	0	0	0	1	3	12	12	3	0	0	0	4	13	14	0	1	2	12	5	5	1	3	2			
Cheshire Ringway	H	3 251	1013.3	-	4.1	0.8	7.4	88	4.6	7	5	2	8	8	1	0	0	0	0	0	0	4	13	12	1	1	0	0	0	3	11	16	1	1	5	8	6	3	3	4	0			
7b NORTH WALES		3 36	1012.3	-	4.6	0.8	7.5	87	4.9	8	2	3	7	11	0	0	0	0	0	0	1	1	0	9	10	9	1	0	0	6	11	10	4	3	3	3	5	9	1	2	1			
Anglesey Valley	H	3 36	1012.9	-1.8	6.2	1.4	7.7	81	5.9	1	4	3	13	9	1	0	0	0	0	0	2	2	7	12	5	3	1	4	0	1	5	6	3	7	5	2	0	0	0	0	0			
Caernarvon Bardsey I. L'e	H	3 63	1012.3	-	5.6	0.6	8.3	91	4.6	9	0	6	5	9	2	0	0	0	0	0	2	0	5	23	1	0	2	4	1	1	11	13	1	3	2	7	4	6	3	3	2			
8a SOUTH WALES		3 382	1012.4	-	7.5	1.0	9.0	87	5.2	5	1	5	9	11	0	0	0	0	0	0	0	0	2	18	5	6	1	7	11	11	1	2	0	7	6	7	4	2	2	0				
Cardigan Aberporth	H	3 128	1012.8	-	5.2	0.6	8.1	90	5.0	7	2	4	4	13	1	0	0	0	0	0	1	0	1	8	9	2	0	0	2	16	10	3	2	1	3	2	5	3	2	1				
Pembroke Milford Haven C. Board	H	3 123	1013.0	-	4.7	0.8	7.5	88	4.6	8	3	4	3	12	1	0	0	0	0	0	1	1	0	14	13	2	0	0	0	8	14	8	1	3	6	9	1	2	4	4	1			
Glamorgan Mumbles Head	H	3 123	1012.9	-	7.1	1.6	5.5	77	5.2	4	4	6	4	9	4	0	0	0	0	0	0	1	14	10	2	0	2	8	13	8	0	2	0	11	4	3	5	5	1	0				
Rhoose	H	3 225	1013.5	-	3.6	0.5	7.4	91	4.9	8	2	3	5	11	2	0	0	0	0	0	2	2	1	9	13	1	1	0	2	11	18	0	1	5	9	2	2	2	6	4	0			
8b ENGLAND, S.W.		3 74	1014.0	-	3.6	0.5	7.5	91	4.5	11	1	2	4	12	1	0	0	0	0	0	1	4	5	20	0	0	0	0	0	5	19	7	2	0	7	3	4	1	7	0				
Somerset Yeovilton	H	3 35	1013.3	-	5.1	0.5	8.2	92	4.3	11	1	5	2	9	3	2	1	0	0	0	0	4	14	10	0	0	0	8	13	8	2	1	4	5	2	3	4	9	1	0				
Dorset Portland Bill	H	3 306	1012.3	-	6.0	0.9	8.2	86	4.9	2	9	1	13	4	2	1	0	0	0	0	0	1	4	15	7	2	0	6	15	9	1	1	3	5	7	2	4	6	2	0				
Devon Hartland Pt.	H	3 100	1013.2	-	5.0	0.6	8.1	90	4.2	10	4	3	2	11	1	0	0	0	0	0	1	6	14	8	1	0	1	17	10	3	1	7	4	3	3	4	3	4	3	0				
Mount Batten	H	3 23	1013.3	-2.5	6.1	1.0	8.3	86	5.0	5	4	4	12	6	0	0	0	0	0	0	1	2	5	11	9	1	2	4	20	6	1	1	11	3	4	4	6	0	0					
Chivenor	H	3 23	1013.8	-	6.2	0.9	8.5	88	4.7	9	2	3	5	11	1	1	0	0	0	0	0	1	8	16	4	0	1	2	15	12	2	0	5	7	1	3	7	4	2	0				
Exeter	H	3 125	1013.8	-	4.7	0.8	7.8	87	4.2	7	5	5	4	10	0	0	0	0	0	0	0	1	8	9	0	0	2	8	18	3	0	2	14	4	0	3	4	1	0					
Cornwall St. Mary's, Scilly	H	3 199	1012.2	-3.2	6.3	1.1	8.2	84	5.6	1	6	4	10	9	1	0	0	0	0	0	1	0	7	11	8	3	0	1	15	12	3	1	13	14	1	3	4	1	0					
St. Mawgan	H	3 350	1013.0	-	9.8	2.3	8.8	73	4.9	3	6	6	6	10	0	0	0	0	0	0	0	2	8	10	5	6	0	5	16	10	0	3	1	4	9	3	3	7	1	0				
9 NORTHERN IRELAND		3 241	1011.6	-	6.3	1.0	8.3	85	4.3	4	9	4	5	9	0	0	0	0	0	0	0	1	14	12	4	0	0	1	10	4	6	2	1	10	3	3	4	2	0					
Londonderry Ballykelly	H	3 241	1012.0	-	3.9	0.6	7.6	90	3.8	10	3	5	5	8	0	0	0	0	0	0	0	1	5	7	11	4	2	0	8	15	6	1	3	1	9	3	4	3	1	0				
Antrim Aldergrove	H	3 241	1011.2	-	5.6	1.1	7.9	84	4.8	6	3	4	12	6	0	0	0	0	0	0	0	2	3	11	11	3	0	2	19	6	1	4	1	7	6	0	4	4	0					
CHANNEL ISLES		3 360	1014.4	-	9.0	2.2	8.4	72	5.5	2	6	2	9	12	0	0	0	0	0	0	0	5	7	6	8	5	0	4	18	8	1	4	1	2	8	6	2	4	3	0				
Guernsey Slates Airport	H	3 360	1015.0	-	5.8	1.1	8.0	85	4.3	10	4	0	8	0	1	1	0	0	0	0	0	2	11	12	4	0	0	4	10	13	4	3	0	1	11	19	0	2	3	6	3	9	7	0
		15 360	1014.3	-	7.0	0.7	9.2	87	4.9	6	3	5	6	11	0	0	0	0	0	0	0	2	12	6	6	5	0	5	22	2	2	1	4	6	6	7	3	1	0					
		21 360	1015.0	-	8.8	1.1	9.7	83	5.2	1	5	8	10	6	1	0	0	0	0	0	1	3	10	6	5	2	0	6	21	3	1	2	1	5	6	2	4	5	1	0				
		15 350	1013.1	-	7.2	0.7	9.3	90	4.6	5	7	3	6	9	1	0	0	0	0	0	0	2	18	3	2	5	0	8	19	2	2	2	5	4	4	5	4	3	0					
		21 350	1013.7	-	5.3	0.8	8.1	88	4.3	8	5	4	3	10	1	0	0	0	0	0	0	3	11	9	8	0	0	4	19	6	2	0	3	5	8	4	5	3	1	0				
		15 350	1012.3	-	6.3	0.9	8.5	86	5.1	2	8	3	6	8	4	0	0	0	0	0	1	3	7	7	1	1	2	23	4	1	3	1	8	5	8	3	5	5	0					
		21 350	1013.7	-	8.5	1.7	8.8	79	5.2	1	7	4	10	8	1	0	0	0	0	0	0	4	7	7	6	4	0	7	19	5	0	3	1	5	3	7	4	7	1	0				
		15 360	1014.3	-	6.0	0.9	8.3	86	4.1	5	10	3	2	11	0	0	0	0	0	0	0	5	13	5	8	0	0	4	16	10	1	2	2	6	6	3	7	3	1	0				
		21 360	1015.0	-	4.0	1.0	6.9	83	4.8	4	5	6	9	7	0	0	0	0	0	0	0	0	5	7	17	2	0	1	12	11	7	1	3	6	2	5	5	2	0					
		15 360	1010.2	-	5.4	1.4	7.2	79	5.7	1	5	5	9	11	0	0	0																											



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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



Volume 82 Number 4

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### April 1965 — Cool and showery after a warm start

Weather during the month was mainly cyclonic in character apart from anti-cyclonic spells during the first week and on the 22nd-24th.

The fine warm weather at the end of March continued into April. In southern England many places recorded more than 10 hours of sunshine on each of the first three days, and afternoon temperatures reached 20°C locally on the 3rd.

The dry spell, which had lasted about a week, ended on the night of the 3rd/4th as a cold front, associated with a deep depression to the west of Ireland, moved slowly across the country. Rain was slow to clear south-east England on the 4th, due to a wave development on the front, as also was a second rain-belt which, following a sunny day on the 5th reached western districts during the afternoon of the 6th.

Weather during the second week was dominated by a large and vigorous depression which deepened considerably as it moved north-eastwards from the mid-Atlantic and passed slowly between Scotland and Iceland. Fronts associated with this depression gave widespread and at times heavy rain on the 9th and 10th—many places in South Wales recorded more than 1 inch on the 9th—but this degenerated into thundery showers on the afternoon of the 10th, and cool showery weather with occasional snow in the north continued until the 13th.

A frontal system crossing the country from the Atlantic gave dull wet weather the next day with periods of heavy rain in Scotland, but the rain gradually died out on the 15th giving place to a generally sunny day on the 16th though rain from the west reached most districts during the evening. A generally wet night was followed by a stormy day with frequent rain or showers as a depression moved south-east from off northern Scotland into the North Sea. Strong to gale force north-westerly winds maintained showers on the 18th and these were heavy at times and of snow in the north; scattered thunderstorms occurred in the south-east. Winds veered towards the north on the 19th bringing snow showers to most eastern districts, but the showers gradually died out during the next two days.

A small centre of high pressure gave many parts of south-west England more than 11 hours of sunshine on the 22nd, but there was some slight rain in Scotland and this rain spread slowly southwards over England and Wales during the night. Small disturbances moving around a large anticyclone in our South-West Approaches brought dull wet weather to south-western districts on the 24th and 25th and there was occasional rain with broken sunshine in most other areas. Two showery, rather cold days followed with north-westerly winds veering to north as a depression moved southwards over the North Sea. The depression reached the Low Countries on the 27th and showery thundery weather gradually gave place to occasional rain in east coast districts on the 28th as winds veered further towards the east. The last two days of the month were generally sunny with rapidly rising day temperatures.

**Pressure and Wind** — Mean pressure at 9 hr was below the 1921-50 average everywhere, the deficit ranging from 2.4 mb. at Dyce to 0.4 mb.

at South Farnborough. Surface winds, mainly light and variable at first, freshened from the south-west on the 9th and thereafter were mostly between west and north-west apart from northerlies on the 19th-21st and 27th and easterly or variable winds during the last three days of the month. Winds reached gale force in Scotland on 13 days and in England and Wales on the 1st, 9th, 11th, 12th, 17th-21st, 26th and 27th (11 days). Gales were widespread on the 17th. Gusts of 72 kt and 69 kt were recorded at Lowther Hill (2,412 ft) and at Tiree respectively on the 18th.

**Temperature** — Day temperatures were generally above the 1931-60 average during the first week and then mainly below except around the 15th in southern England and on the 29th and 30th in Scotland. The coldest nights were during the first week and around the 20th. On the 1st screen temperature ranged over 22°C at a number of places in Scotland; at Braemar from minus 6.7°C to 17.8°C.

Extremes included: (England and Wales) 21.7°C at Huddersfield on the 3rd, -6.7°C at Kielder Castle on the 2nd; (Scotland) 19.4°C at Kinlochewe on the 1st, -7.2°C at Buddon Ness on the 22nd; (Northern Ireland) 17.5°C at Ballykelly on 1st, -3.9°C at Lisnafillan on the 21st.

**Rainfall** — In Scotland rainfall amounts in some areas of the east and south were below the average, but in many parts of the west and north rainfall was more than 150 per cent of the average. In England and Wales it was below average over much of the South and Midlands, but exceeded 150 per cent of the average in parts of Norfolk, Suffolk, Lancashire, Cheshire, the North Riding of Yorkshire, Cumberland and Cardigan.

Thunder was heard on 11 days in Scotland and on the 5th, 7th, 8th, 10th-13th, 17th-19th, 23rd and 26th-28th (14 days). Thunderstorms were widespread on the 17th and 26th-28th.

Snow or sleet was reported at one place or another in Scotland on 23 days; ground being snow-covered locally on the 12th and 19th. In England and Wales snowfall was mainly confined to the 18th-20th, but parts of the Midlands had 10 days. Dates included the 4th, 5th, 8th, 9th-13th, 17th-20th and 26th-27th (14 days) and ground was snow-covered in parts of north-east England and the Midlands on the 19th.

**Sunshine** — In Scotland sunshine amounts were above average in all areas. At Perth there has not been a sunnier April since 1942 although April 1962 was as sunny. In England and Wales, although some of the sunniest parts of the country were to be found in the north-east, weather was generally dull in the east and south-east; sunshine was generally above the average in the west.

**Fog** — In Scotland fog was observed at 9 hr at one place or another on 11 days and in England and Wales on 21 days where it was most frequent in the south.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 9 nights.

TABLE I—DISTRICT VALUES— APRIL

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average								% of Average	
0 SCOTLAND, N.	16.1	-2.3	+0.1	-0.6	-0.2	-	-	+1	128	109
1 SCOTLAND, E.	17.2	-3.3	+0.5	-1.0	-0.2	-	-	+2	107	122
2 ENGLAND, N.E.	18.4	-3.2	-0.4	-0.3	-0.3	+0.3	-0.1	+3	119	107
3 ENGLAND, E.	18.3	-1.1	-0.6	-0.3	-0.4	+0.1	-0.1	+4	125	75
4 MIDLANDS	19.5	-1.7	-0.3	-0.1	-0.2	+0.2	+0.1	+1	86	98
5 ENGLAND, S.E.	20.0	-3.4	-0.4	-0.2	-0.3	+0.1	+0.1	+4	70	80

\*Highest Max. and Lowest Min. of the District Value Stations.

1965

(1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average								% of Average	
6 SCOTLAND, W.	16.5	-5.2	-0.1	-0.5	-0.3	+0.3	-0.3	+3	118	112
7 ENGLAND, N.W. and N. Wales	18.1	-2.2	-0.3	-0.3	-0.3	-0.3	-0.3	+5	123	105
8 ENGLAND, S.W. and S. Wales	20.0	-2.8	-0.2	-0.7	-0.4	+0.3	+0.1	+2	74	100
N. IRELAND	17.5	-2.7	0.0	-0.3	-0.2	-	-	+5	125	98
SCOTLAND	17.2	-5.2	+0.2	-0.7	-0.2	-	-	+2	120	114
ENG. and WALES	20.0	-3.4	-0.4	-0.3	-0.3	-	-	+3	104	94

FH2A

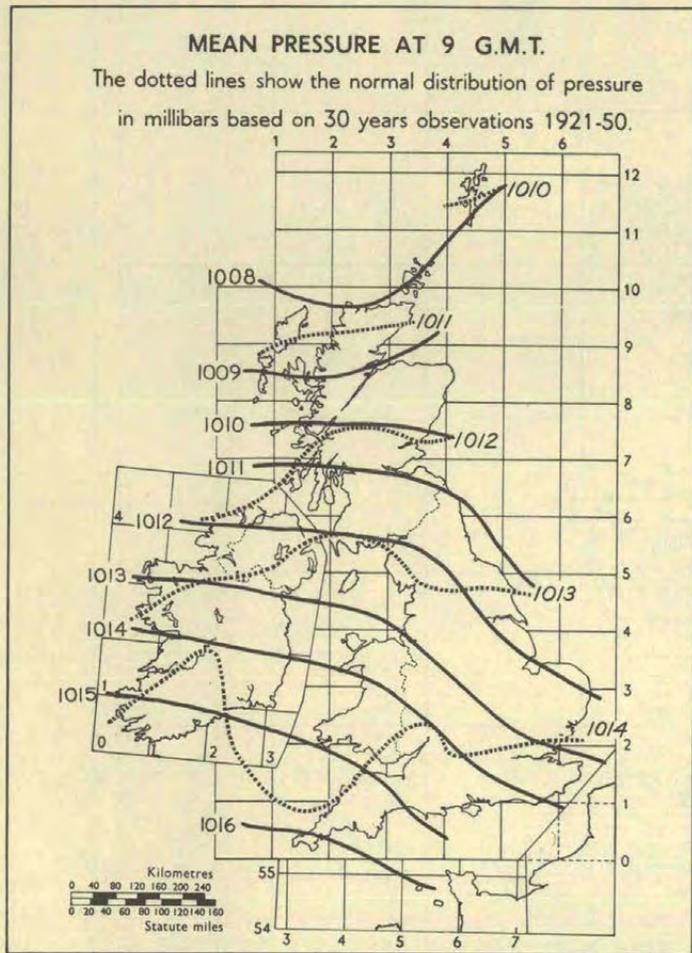
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— APRIL, 1965 (1914)

DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of 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	Mean Hourly Wind Speed	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.	hr.	hr.	knots	knots	day hr.	knots	day	h. m.					
SCOTLAND																						
0 Zetland	Lerwick Observatory	304	33	33	-	0	10	90	338	218	44	0	12.5	150	32	10	03	58	10	0205		
	Orkney Kirkwall	134	50	33	9,19	5	8	57	310	279	69	0	11.9	150	37	9	24	57	9	2220		
	Caithness Dounreay	110	39	30	9,10	7	11	100	306	264	9	34	13.7	180	46	9	23	62	9	2230		
	Sutherland Shin	78	33	33	-	0	3	7	196	260	157	0	7.2	250	29	17	09	46	17	0845		
	Ross & Stornoway (Coastguard)	120	40	36	9,10,17-19	10	19	174	333	130	73	0	15.5	190	39	10	04	48	10	1200		
	Cromarty Durinish	125	65	55	-	0	7	62	298	213	137	10	10.9	320	31	19	01	52	19	0015		
	Inverness Benbecula	69	51	35	9,18,19	13	12	126	374	184	23	0	15.0	330	39	19	01	65	18	1310		
	Fort Augustus	189	53	53	-	0	1	1	197	262	260	0	6.8	260	23	10	03	51	9	1900		
1 Moray	Kinloss	57	41	41	-	0	8	58	293	316	53	0	11.4	230	29	11	13	43	18	1620		
	Lossiemouth	101	80	60	-	0	4	19	187	282	232	0	7.5	360	29	19	16	50	19	1405		
	Aberdeen Dyce	234	30	30	-	0	5	30	305	208	177	0	9.4	320	28	17	20	46	17	1915		
	Angus Bell Rock Lighthouse	128	131	124	9,11,19	13	22	231	335	115	26	0	17.9	150	40	9	23	54	18	1820		
	Perth Rannoch	1006	56	57	-	0	7	25	300	217	178	0	9.3	260	29	17	05	48	17	0455		
	Tunnel Bridge	528	53	53	-	0	0	0	148	259	313	0	5.8	270	21	16	13	35	11	1545		
	Fife Leuchars	78	40	40	-	0	7	44	330	310	36	0	11.8	260	30	11	17	48	18	1545		
	Midlothian Turnhouse	137	40	33	-	0	8	32	300	303	85	0	10.3	240	27	17	04	48	10	1550		
	Edinburgh, Blackford Hill	496	50	34	9	2	13	96	324	228	70	0	12.5	140	38	9	20	58	9	1955		
6a Argyll	Tiree	89	60	47	9,17-19	19	15	166	364	114	57	0	16.3	320	41	18	23	69	18	1440		
	Bute Millport	50	34	34	-	0	1	1	199	345	175	0	7.5	280	22	18	15	49	18	1600		
	Renfrew Paisley	188	81	31	-	0	1	1	301	302	116	0	9.0	210	22	12	04	43	18	1600		
	Renfrew	71	41	39	-	0	1	1	301	302	116	0	9.0	210	22	12	04	43	18	1600		
	Lanark Lowther Hill	2412	43	33	9,12,13,15,17-19f	73	18	211	282	149	5	0	19.3	320	50	17	23	72	18	1510		
	Ayr Prestwick Airport	68	33	33	-	0	5	21	308	316	75	0	10.4	310	29	19	04	57	18	1630		
	Dumfries Chapelcross	310	50	50	-	0	2	4	362	212	142	0	9.4	050	24	19	11	41	12	0405		
	Esdalemuir Observatory	825	50	35	-	0	4	8	232	263	217	0	7.7	290	26	12	18	47	12	1835		
	Wigtown West Freugh	81	33	33	-	0	7	58	285	281	96	0	10.8	340	33	19	06	57	19	0525		
ENGLAND and WALES																						
6b Isle of Man	Ronaldsway	119	64	39	12,17,19	9	16	129	283	235	64	0	13.5	330	37	19	15	61	17	1945		
	Point of Ayre	64	33	33	17,19	2	9	78	312	280	48	0	12.5	310	34	17	20	51	18	1830		
2 Durham	Durham	389	53	33	-	0	6	15	314	268	123	0	10.0	280	30	17	10	49	17	0950		
	South Shields	73	57	44	-	0	5	36	220	319	145	0	9.3	350	32	19	24	47	19	2300		
	Yorks., E.R. Kilnsea	76	39	33	§	-	0	6	27	2	3	307	27	66	11.2	310	28	18	11	48	18	1550
	Lincoln Cranwell	288	47	47	-	0	6	27	2	3	307	27	66	11.2	310	28	18	11	48	18	1550	
3 Norfolk	Gorleston	54	43	43	x	-	0	6	27	2	3	307	27	66	11.2	310	28	18	11	48	18	1550
	Suffolk Mildenhall	98	83	60	-	0	2	2	154	290	274	0	6.4	280	24	12	15	47	12	1430		
	Bedford Bedford	322	42	30	-	0	4	21	269	357	54	19	10.2	290	27	18	10	49	18	1000		
	Cardington	226	133	133	17	1	8	57	331	261	62	8	12.1	230	34	17	15	(50)	12	1330		
	Hertford Garston	307	50	33	-	0	0	0	132	433	155	0	6.9	350	19	19	13	42	12	1405		
	Rothamsted	461	41	33	-	0	0	0	125	388	207	0	6.6	250	17	17	15	45	19	1450		
	Essex Stansted	351	31	31	-	0	5	17	293	328	82	0	9.9	260	26	17	17	50	17	1625		
	Coryton	66	57	48	x	-	0	5	17	293	328	82	0	9.9	260	26	17	17	50	17	1625	
	Shoeburyness	118	106	91	10	1	9	43	343	265	68	0	11.5	190	36	10	02	61	17	1715		
4 Yorks, W.R.	Sheffield	533	83	35	-	0	1	3	190	462	65	0	8.1	320	23	17	23	45	19	0255		
	Warwick Edgbaston	643	118	73	-	0	5	41	235	328	116	0	9.7	320	31	17	23	48	17	1705		
	Elmdon	343	31	31	-	0	5	41	235	328	116	0	9.7	320	31	17	23	48	17	1705		
	Buckingham Amersham	500	50	50	-	0	0	0	114	447	159	0	6.7	290	16	17	24	41	17	1600		
	Stafford Keele	706	50	33	-	0	2	2	139	240	315	24	5.8	350	22	19	09	48	17	2245		
	Worcester Pershore	154	33	33	-	0	6	34	270	262	154	0	9.8	290	30	17	16	56	19	1425		
5 London	Kingsway	208	143	41	§	-	0	6	17	275	352	76	0	9.7	270	29	17	17	54	17	1640	
	Middlesex London(Heathrow) Airport	139	101	100	-	0	2	2	210	316	192	0	7.5	260	26	17	17	52	17	1650		
	Hampton	139	101	100	-	0	2	2	210	316	192	0	7.5	260	26	17	17	52	17	1650		
	Surrey Kew Observatory	92	75	50	-	0	1	1	207	400	112	0	8.2	270	22	17	17	58	17	1650		
	Gatwick	232	38	33	-	0	1	1	159	341	219	0	6.9	260	22	17	17	47	17	1710		
	Kent Isle of Grain	48	40	33	-	0	0	0	102	318	300	0	5.5	280	18	17	18	41	17	1710		
	Dungeness	70	50	33	-	0	6	51	317	267	81	4	10.8	230	29	12	12	51	19	1435		
	Dover	68	38	62	-	0	0	0	213	374	133	0	7.9	230	20	12	11	40	12	1110		
	Sussex Thorney Island	75	65	42	-	0	4	7	204	294	215	0	7.6	290	25	17	18	51	19	1040		
	Hampshire Hurn	86	53	46	-	0	4	11	249	354	106	0	9.2	300	25	17	22	44	19	1245		
	Calshot	50	41	33	-	0	5	13	379	305	23	0	11.4	280	26	17	18	44	17	1750		
	S. Farnborough	318	69	35	-	0	3	13	238	305	164	0	8.7	260	29	17	17	50	26	1835		
	Berkshire Abingdon	295	40	40	-	0	3	3	208	342	167	0	7.9	280	22	17	18	39	11	1130		
	Wiltshire Larkhill	491	51	36	-	0	5	17	242	311	150	0	9.0	270	28	17	17	54	19	1015		
	Boscombe Down	425	55	55	-	0	8	64	303	285	68	0	11.3	280	33	17	17	50	17	1550		
	Porton	406	44	44	-	0	4	6	210	255	249	0	7.4	270	28	17	16	48	17	1600		
7a Cumberland	Carlisle	137	42	30	-	0	5	14	302	215	189	0	9.1	260	27	11	15	47	11	1405		
	Sellafield	83	39	35	-	0	6	9	252	342	117	0	9.0	260	25	12	05	41	12	0425		
	Spadeadam	959	51	50	-	0	6	23	324	243	130											

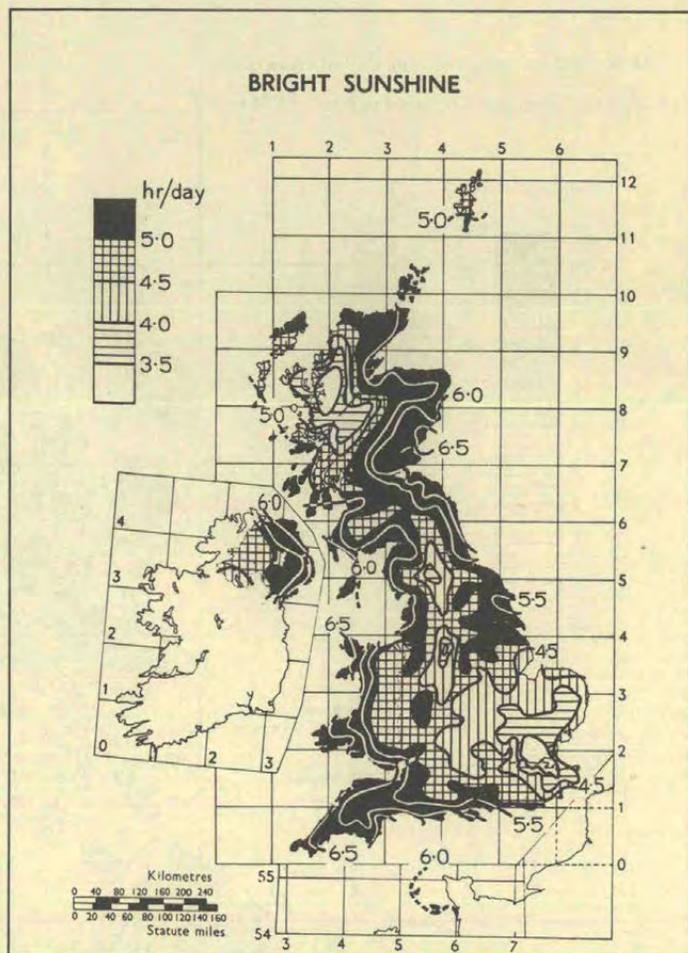
# MONTHLY WEATHER CHARTS APRIL 1965

## 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.

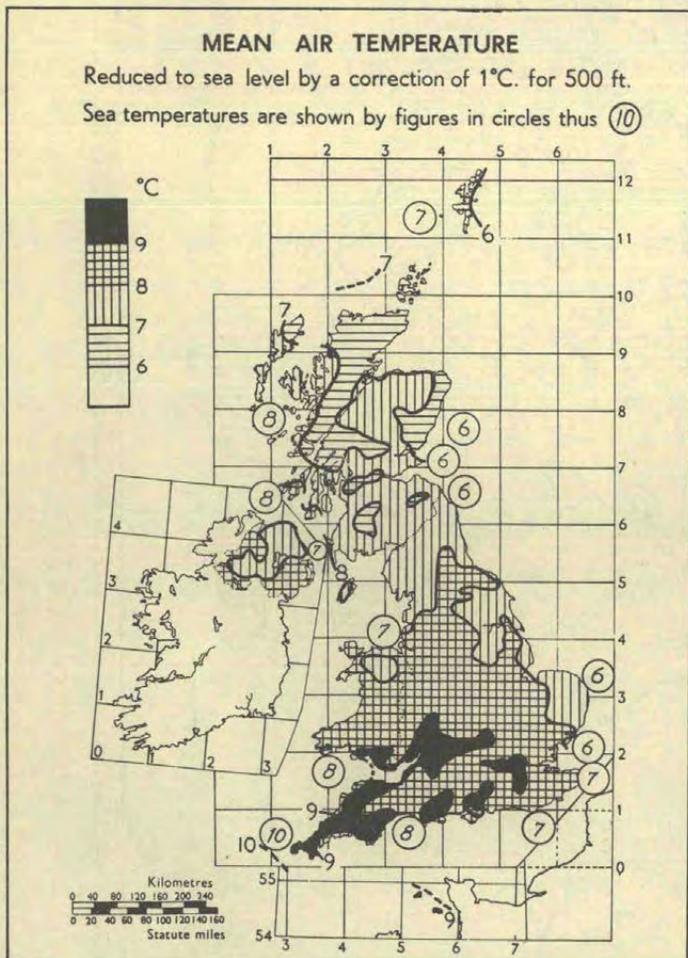


## BRIGHT SUNSHINE

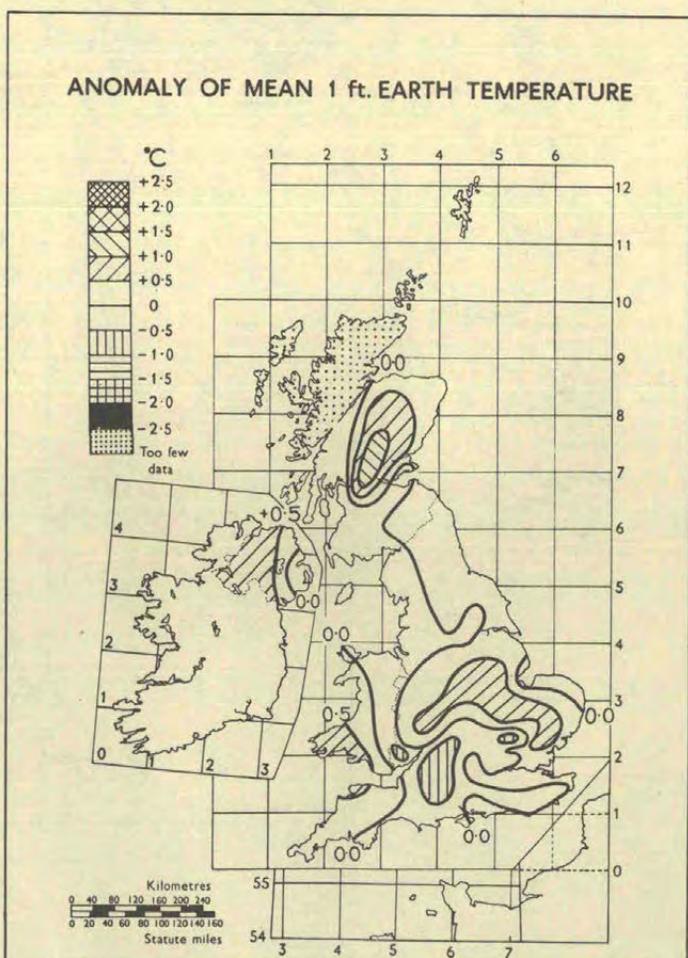


## MEAN AIR TEMPERATURE

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 1965

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

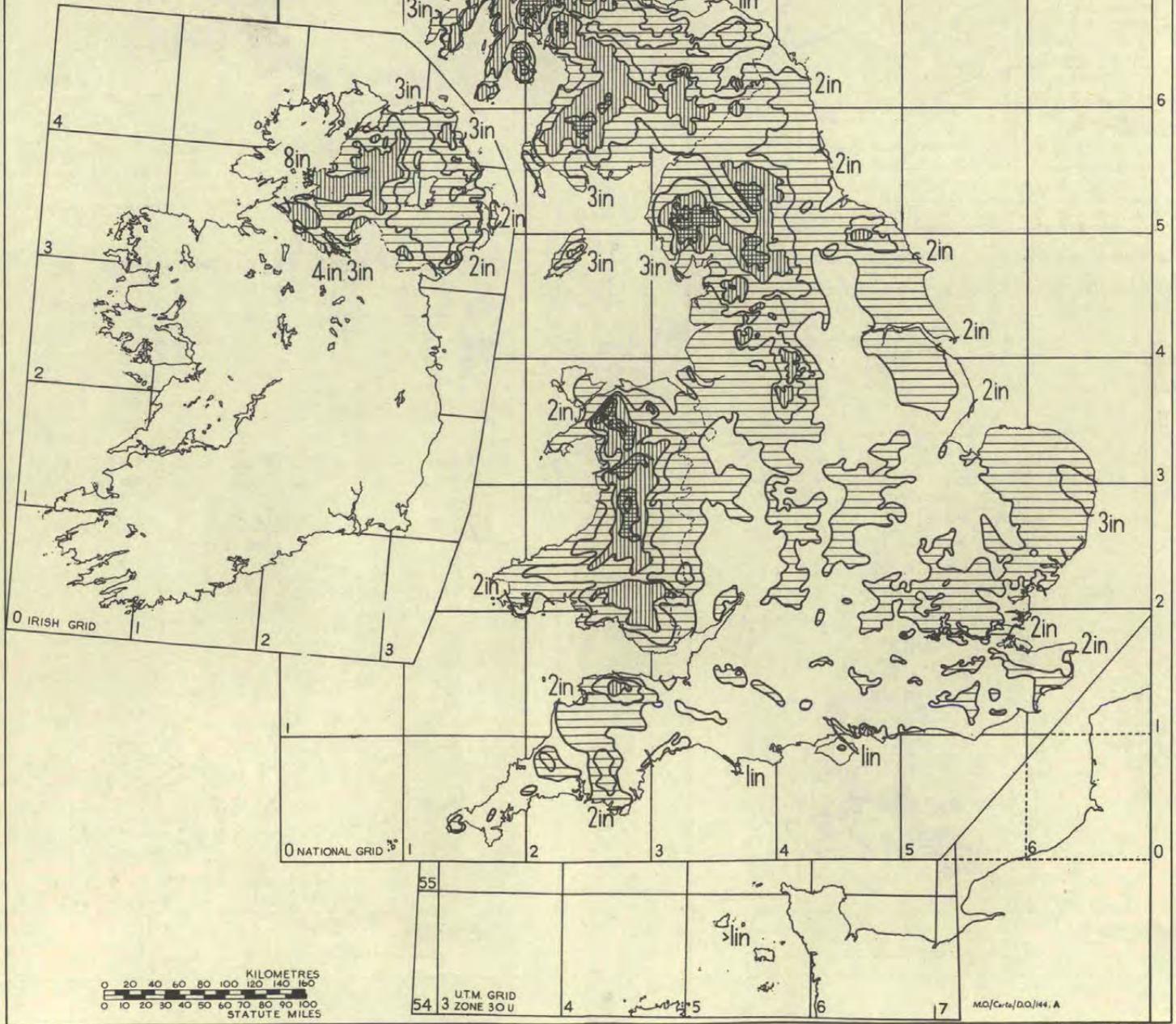
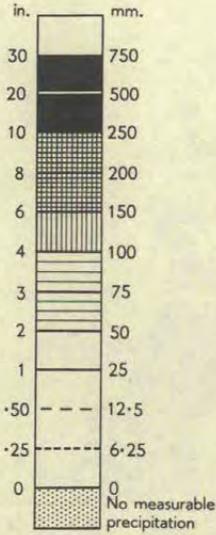




TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE						
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		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					
			A	B			Maximum	Date	Minimum	Date						-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more																
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%				
1 SCOTLAND, E.—cont.																																	
Midlothian	Davidson's Mains	99	200	11.7	3.3	7.5	0.1	16.1	3	-1.1	21,22	6.9	-	2.07	125	.34	9	17	12	1	0	1	0	1	0	2	12	0	5.63	-	S		
—cont.	Penicuik	99	620	11.2	2.1	6.7	-	15.6	2	-3.3	21,22	7.2	-	2.40	109	.35	11	18	17	2	0	2	0	2	2	4	16	0	4.52	-	-		
	Bush House	99	605	10.7	2.2	6.5	-	15.0	3	-3.3	21	6.7	5.5	2.51	112	.51	11	17	14	1	0	0	0	1	1	4	13	0	5.94	-	-		
	Edinburgh—																																
	Blackford Hill	99	441	11.8	3.5	7.7	+0.2	16.1	3	-0.6	21	-	-	1.85	114	.38	9	16	11	1	0	1	0	1	1	13	1	5.97	123	-	-		
	Royal Bot. Gdns.	99	74	11.5	3.3	7.4	-0.3	16.1	3	-2.2	21	7.7	-	1.56	99	.36	9	14	11	0	0	0	3	0	0	3	14	0	6.01	124	-	-	
E. Lothian	Haddington	99	162	11.8	2.8	7.3	-	16.1	3	-2.8	21	-	-	1.54	99	.26	28	16	11	1	0	4	0	1	0	4	11	0	5.98	-	-		
	Dunbar	99	75	10.4	4.0	7.2	-0.2	14.4	2,15	0.6	1	-	-	1.33	96	.31	9	17	11	1	0	1	0	0	0	0	5	0	6.44	122	-	-	
Berwick	Mertoun	99	225	12.2	2.2	7.2	-	18.3	2	-3.3	22	-	-	1.94	-	.32	9	19	14	1	-	3	0	1	-	6	20	0	5.77	-	-		
	Lauder	99	600	11.3	1.1	6.2	-	16.7	2	-3.3	22	-	-	2.64	-	.55	9	19	17	2	0	5	0	3	1	8	18	0	5.97	-	-		
	Marchmont	99	498	11.6	2.4	7.0	+0.1	17.2	2	-1.1	1	-	-	2.19	117	.43	9	18	15	2	0	1	0	3	1	3	-	0	5.93	125	S		
	Whitcheater	99	838	10.6	1.7	6.1	-	17.2	2	-3.3	1	-	-	3.25	161	.52	9	19	16	4	1	5	0	1	-	5	-	0	-	-	-		
	St. Abb's Head	99	245	9.7	4.2	6.9	-	14.2	15	-0.2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	1	2	7	-	-		
Peebles	Stanhope Farm	99	741	10.7	1.5	6.1	-	16.7	1	-5.6	1,22	-	-	3.29	116	.44	9	20	17	0	0	4	0	1	0	7	16	0	-	-	-	-	
	Blyth Bridge	99	830	10.4	2.1	6.3	-	16.1	1	-3.3	22	-	-	2.67	116	.40	16	19	13	1	0	1	5	1	1	5	16	0	5.34	-	-	-	
	West Linton	99	800	10.6	1.4	6.0	-	16.7	1	-3.9	22	6.2	5.3	3.35	137	.44	16	18	13	4	0	0	0	0	0	0	9	13	0	-	-	-	
	Glentress	99	580	11.6	1.4	6.5	-	17.8	1	-3.9	21	-	-	2.15	112	.38	9	18	13	0	0	0	0	0	0	1	8	-	0	-	-	-	
Selkirk	Bowhill	99	600	11.6	2.1	6.9	-	17.8	1	-3.9	22	-	-	2.42	116	.45	26	19	15	4	0	3	0	3	0	5	-	0	-	-	-	-	
Roxburgh	Wauchope	99	580	11.6	1.6	6.6	-	17.2	1	-3.9	21,22	-	-	2.32	107	.32	9	17	14	0	0	1	0	2	0	9	-	0	-	-	-	-	
	Sourhope	99	900	10.6	1.7	6.1	-	17.8	1	-4.4	1	-	-	2.77	-	.48	19	19	15	1	0	0	0	0	0	5	16	0	5.09	-	-	-	
6a SCOTLAND, W.																																	
Argyll	Tiree	21-9	29	10.1	4.5	7.3	-0.5	13.6	30	0.5	12	-	-	3.63	140	.72	16	20	16	1	0	4	2	1	1	0	10	2	5.27	92	-	-	
	Rhuvaal	21-9	65	10.1	5.0	7.5	-	14.8	30	1.5	11	-	-	3.42	103	.65	9	21	17	2	0	5	0	1	0	0	1	1	-	-	-	-	
	Colonsay	99	87	10.8	4.3	7.5	-0.2	15.6	30	0.0	21	-	-	3.68	121	.65	16	20	16	3	-	6	0	1	3	0	-	0	-	-	-	-	
	Tobermory	99	270																														
	Craighouse	99	10	11.7	4.4	8.1	-	15.6	30	1.1	6	-	-	4.98	-	.75	16	18	17	-	0	-	-	-	1	0	2	-	-	-	-	-	
	Machrihanish	99	33	10.7	4.3	7.5	-	14.6	30	-0.3	20	-	-	2.87	-	.78	9	17	13	0	0	2	4	2	0	1	6	4	5.37	-	-	-	
	Campbeltown	99	10	11.9	5.2	8.5	-	14.4	1,2,5	2.8	9	-	-	3.14	-	.65	9	16	14	0	0	0	0	0	4	0	-	0	6.00	-	-	-	
	Achnaglachach	99	40	11.5	2.7	7.1	-	16.7	30	-2.8	20	-	-	5.17	138	.81	14	20	16	4	-	5	0	0	0	5	13	0	-	-	-	-	
	Lephinmore	99	30	11.2	3.4	7.3	-	15.0	30	-0.6	20	-	-	6.13	143	1.76	16	21	16	1	0	1	0	1	0	1	13	0	4.42	-	-	-	
	Glenbranter	99	120	11.1	1.3	6.2	-1.1	14.4	1	-2.2	1,6,22	-	-	7.65	129	1.75	16	22	17	-	0	-	-	-	0	8	16	-	-	-	-	-	
	Benmore																																
	Forestry Sch.	99	46	11.7	2.1	6.9	-0.7	14.4	1,30	-2.8	20,21	7.1	6.4	7.59	-	1.80	16	21	18	1	0	0	0	0	0	7	17	0	3.72	-	S	-	
	Younger B.G.*	99	40	11.1	2.9	7.0	-	14.4	1	-2.2	21	-	-	7.52	129	1.91	16	19	17	2	0	3	0	1	0	3	15	0	-	-	-	-	-
Bute	Rothsay	99	150	10.9	4.2	7.5	-0.3	16.1	30	1.1	20	6.9	6.6	4.46	136	.75	9	17	14	1	0	2	1	0	0	0	9	0	5.04	104	-	-	
	Millport	99	16	11.0	4.7	7.9	-	15.6	30	0.6	20	-	-	3.56	135	.65	9	16	14	2	0	1	0	1	0	0	-	0	-	-	-	-	
Dunbarton	Finnart	99	50	11.4	3.2	7.3	-	15.0	30	0.0	21	-	-	6.26	-	(1.55)	16	21	18	0	0	3	0	0	0	-	0	-	0	-	-	-	-
	Helensburgh	99	293	11.4	3.0	7.2	-0.2	15.0	1,30	-1.1	20	-	-	4.00	122	.78	16	22	15	0	0	0	0	0	0	2	-	0	5.24	112	S	-	
	Cumbernauld	99	310	11.5	2.6	7.1	-	15.6	3	-1.1	21	-	-	3.88	-	.82	16	19	16	0	0	5	0	1	0	4	13	0	-	-	-	-	
Stirling	Earls Hill	99	1100	9.4	1.0	5.2	-	14.2	1	-2.8	20	-	-	3.63	-	.96	9	19	14	-	-	-	-	-	4	10	21	-	5.63	-	-	-	
	Stirling	99	151	12.2	3.3	7.7	-0.4	15.6	1,2	0.0	21	8.6	6.1	2.17	100	.80	9	17	11	0	0	0	0	0	1	1	16	0	6.09	-	-	-	
	Falkirk	99	100	12.4	3.4	7.9	0.0	16.7	3	-1.1	21	-	-	2.61	127	.64	9	16	13	-	-	-	-	-	-	1	-	-	-	-	-	-	
Renfrew	Greenock	99	200	11.1	4.1	7.6	-0.4	15.0	30	1.1	12,19	-	-	4.20	118	.97	16	18	15	0	0	3	0	0	1	0	5	0	5.30	-	-	-	
	Paisley	99	106	11.9	4.3	8.1	-0.2	16.7	30	-0.6	20	8.5	7.2	2.94	119	.54	11	21	16	1	0	3	0	0	0	1	4	1	4.86	105	-	-	
	Barrhead	99	97	11.4	3.5	7.5	-	16.1	30	-1.7	2,21	-	-	3.05	116	.57	9	19	15	3	0	4	0	0	0	4	8	0	-	-	-	-	
	Renfrew	21-9	26	12.0	3.8	7.9	+0.1	16.5	30	-1.1	20	-	-	2.39	103	.44	11	19	13	3	0	2	0	0	0	3	9	0	5.36	114	-	-	
Lanark	Crossmyloof	99	75	11.9	3.7	7.8	-	1																									

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL, 1965

Table with columns for District, County and Place; Terminal Hours of Observation; Height of Station; Air Temperature in Degrees Celsius (Means of, Difference from Average, Highest Maximum and Lowest Minimum); Mean Earth Temperature; Rainfall (Terminal hour 9 G.M.T.); Weather (Number of days); and Bright Sunshine. Rows include locations like Northumberland, Durham, Yorks., Lincoln, Norfolk, Suffolk, Cambridgeshire, Huntingdon, Bedford, Hertford, and Essex.

\* National Institute of Agricultural Botany

\*\* Cambridge Botanic Gardens

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		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		
			A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum						Date	in.												%	in.
4 MIDLAND COUNTIES—cont.																													
Yorks., Huddersfield §	9 9	325	12.0	4.2	8.1	+0.2	21.7	3	-1.1	2	7.5	6.6	1.51	-	.20	6	18	12	-	0	-	-	-	2	1	11	-	5.03	126
W. Riding— Oakes	21-9	761	11.1	3.6	7.3	-0.2	19.1	2	-1.2	1	6.5	5.8	1.97	79	.27	9	20	13	4	0	0	1	2	1	1	13	0	4.61	106
—cont. Bradford ¶	9 9	439	11.1	3.8	7.5	-0.2	18.3	2	-0.6	2	6.9	5.9	2.21	95	.54	9	16	14	2	0	1	1	0	0	1	9	0	-	-
Ilkley ...	9 9	315	11.9	3.6	7.7	-0.1	17.8	2	-1.1	2	-	-	3.04	118	.78	9	15	15	0	0	0	3	0	0	2	-	0	4.68	101
Sheffield ...	9 9	429	12.1	4.3	8.2	-0.2	20.0	2	1.1	2, 19	-	6.6	1.97	94	.50	9	17	12	1	0	0	0	0	0	0	-	0	4.49	103
Wakefield ...	9 9	121	12.9	4.1	8.5	-0.1	19.4	3	-2.8	2	7.6	6.7	1.89	77	.39	9	16	14	0	0	0	0	0	1	1	17	1	-	-
Pontefract ...	9 9	255	12.2	4.3	8.3	+0.2	17.8	2	-2.2	2	-	-	1.42	85	.42	9	15	10	0	0	1	0	0	3	1	2	1	-	-
Bramham ...	9 9	177	12.1	2.9	7.5	-	17.8	2	-3.9	2	-	-	1.61	94	.43	9	19	11	0	0	0	1	0	2	4	12	0	5.02	-
Cawood ...	9 9	20	12.4	3.3	7.9	-	17.2	3	-1.7	2	7.6	7.1	1.56	91	.42	9	16	11	0	0	0	0	0	1	1	10	0	4.88	-
Askham Bryan ...	9 9	110	12.4	3.2	7.8	-	17.8	2	-2.8	2	-	-	1.54	85	.41	9	12	11	0	0	0	0	0	1	5	8	0	4.68	100
Buxton ...	9 9	1007	9.6	2.7	6.2	-0.3	17.8	3	-2.2	1, 2	6.1	5.7	5.19	155	1.74	9	22	19	7	0	2	0	2	2	2	7	0	-	-
Derby	9 9	732	11.1	2.7	6.9	-	19.4	2	-2.2	1	-	-	3.47	-	.66	9	21	14	2	0	1	0	0	0	4	14	0	-	-
Mackworth ...	9 9	293	12.5	3.8	8.2	-	18.3	2, 3	-2.2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	3	9	-	-	-	
Belper ...	9 9	203	12.8	3.7	8.3	+0.1	18.9	2	-2.2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	
Derby ...	9 9	159	12.6	4.3	8.5	-	18.9	2	-1.1	2	-	-	1.60	-	.59	9	16	10	0	0	1	0	0	1	2	5	0	5.59	-
Morley ...	9 9	350	12.0	3.8	7.9	-	18.3	2	-0.6	1, 2	-	-	1.62	87	.62	9	13	11	1	0	2	0	0	-	2	16	0	5.38	-
Chersterfield ...	9 9	298	-	-	-	-	-	-	-	-	-	-	1.28	-	.45	9	14	10	0	0	0	0	0	0	-	-	-	-	-
Nottingham	9 9	157	12.3	3.7	8.0	-0.3	17.8	2	-2.8	2	7.7	7.3	1.55	92	.29	9	17	14	1	0	1	0	0	1	3	12	0	4.73	100
Watnall ...	21-9	385	12.1	4.0	8.1	-	19.2	2	-1.2	2	-	-	1.62	84	.46	9	15	11	1	0	4	0	1	1	2	13	0	4.49	95
Nottingham T.C.**	9 9	169	12.2	4.0	8.1	-	19.4	2	-1.7	2	-	-	1.54	-	.50	9	10	8	-	-	-	-	-	1	2	11	-	4.10	-
Mansfield ...	9 9	362	11.9	4.0	8.0	-0.2	18.3	2	-1.7	2	8.2	-	1.43	72	.34	9	15	11	0	-	1	0	0	0	1	10	0	-	-
Nottingham ¶§	9 9	192	12.6	4.8	8.7	0.0	18.9	2	-1.7	2	8.2	7.2	1.35	75	.43	9	11	9	1	0	0	0	0	1	2	6	0	4.57	106
Warsop ...	9 9	150	12.6	2.8	7.7	-	18.9	2	-3.3	9	-	-	1.21	76	.24	9	16	11	-	0	-	-	-	0	5	15	-	5.23	-
Leicester	21-9	34	12.9	4.3	8.6	+0.1	18.9	2	-2.2	2	-	-	1.65	-	.48	26	2	10	1	0	1	0	0	1	2	10	0	4.99	-
Newtown Linford	9 9	392	12.2	3.4	7.8	-	17.8	2	-2.8	2	-	-	2.53	-	.48	9	18	14	1	0	0	1	1	0	3	14	0	4.21	-
Caldecott ...	9 9	175	13.0	2.9	8.0	-	18.3	3	-2.8	2	-	-	1.62	-	.30	9	14	10	-	0	-	-	-	1	6	9	-	4.25	-
Northampton	9 9	228	13.1	2.3	7.7	-	19.4	16	-3.3	2	7.5	7.4	1.94	-	.33	18	16	12	-	0	-	-	-	1	6	-	-	4.17	-
Bugbrooke Mills	9 9	193	12.9	3.6	8.3	-	18.3	3	-3.3	2	8.9	7.1	2.39	138	.56	7	16	12	1	1	3	0	2	1	3	12	0	3.86	-
Raunds ...	21-9	212	12.5	4.1	8.3	-	17.8	3	-2.0	2	-	-	1.50	-	.35	9	14	10	2	0	2	1	1	1	2	8	1	4.75	-
Wittering ...	9 9	450	11.8	4.3	8.1	-	18.3	2	0.0	1, 2	-	-	1.99	-	.30	9	18	14	0	0	5	0	1	0	0	-	-	-	-
Warwick	21-9	536	11.7	4.7	8.2	-0.3	19.5	2	0.0	1	7.2	7.7	2.04	89	.40	26	17	12	2	1	5	0	1	1	0	8	0	4.03	87
Luddington ...	9 9	138	12.8	3.6	8.2	-	18.9	3	-2.2	2	-	-	1.90	106	.31	9	19	15	2	0	5	0	0	1	6	11	0	5.10	-
Stratford on Avon	9 9	160	13.2	3.0	8.1	-	18.9	2, 3	-2.8	2	9.2	-	2.07	185	.34	9	19	17	1	0	3	0	0	0	6	17	0	4.50	-
Elmdon ...	21-9	319	12.3	3.5	7.9	-	18.2	2	-4.8	2	-	-	1.86	94	.27	26	18	15	2	0	4	2	0	5	12	1	4.46	-	
Shipston on Stour	9 9	365	12.3	3.6	8.0	-	18.3	2, 3	-1.7	1	7.7	-	1.76	-	.24	8	17	13	1	0	5	0	2	1	2	14	-	4.52	-
Wellesbourne ...	9 9	153	12.5	3.2	7.9	-	18.3	2, 3	-3.3	2	8.2	-	1.89	99	.35	9	19	12	1	0	0	2	1	1	5	16	0	4.58	-
Moreton Morrell	9 9	280	12.6	3.7	8.1	-	19.4	2	-2.8	2	-	-	1.90	-	.36	9	19	14	0	0	2	0	1	1	2	14	0	4.65	-
Coventry ...	9 9	338	12.1	3.8	8.0	-0.4	20.6	2	-1.1	2	7.8	7.2	1.92	96	.35	9	18	13	1	-	1	2	0	3	-	0	3.86	80	
Rugby ...	9 9	385	12.2	3.5	7.9	-0.3	17.8	2	-1.7	2	8.0	7.8	2.17	-	.36	9	16	12	0	0	3	0	2	0	3	12	0	-	-
Oxford	9 9	208	13.1	4.5	8.8	-0.3	18.3	2, 3	-1.1	1	9.0	8.3	1.95	103	.37	11	16	10	1	0	3	0	0	1	2	8	0	4.27	80
Buckingham	9 9	98	13.5	2.6	8.1	-	18.9	3	-3.3	3	-	-	2.00	-	.45	26	19	13	-	-	-	-	-	17	19	-	-	-	
Grendon Underwood	9 9	220	12.8	2.4	7.6	-	18.3	3	-5.0	2	8.4	7.6	2.06	-	.31	26	16	12	0	0	1	0	-	7	17	0	4.28	-	
Bletchley ...	9 9	281	13.0	4.0	8.5	-	16.1	2, 3, 16	-2.8	2	-	-	1.77	-	.32	18	15	14	1	0	1	2	3	2	2	-	-	-	
Aylesbury ...	9 9	316	12.2	3.2	7.7	-	18.3	3	-2.8	2	-	-	1.66	86	.33	26	15	13	0	0	2	0	0	1	2	18	1	4.07	-
Stafford	9 9	587	11.1	3.6	7.4	-	17.8	2	-1.1	1	7.3	6.3	2.27	112	.43	18	19	15	2	0	1	5	0	1	10	0	4.38	-	
Oaken ...	9 9	409	12.2	3.5	7.9	-	17.2	2	-1.1	1, 2	7.5	-	1.77	-	.37	9	17	12	-	-	-	-	-	2	22	-	-	-	
Stone ...	9 9	350	11.7	2.8	7.3	-	18.3	2	-1.7	2, 6, 9	-	-	1.88	-	.45	18	17	12	1	0	1	0	0	1	6	8	0	4.11	-
Penkridge ...	9 9	330	12.0	3.0	7.5	-	17.2	2	-1.7	2	-	-	2.15	-	.36	9, 18	20	14	1	0	1	0	1	1	3	16	0	-	-
Onecote ...	9 9	1350	9.0	2.2	5.6	-	16.1	2	-2.2																				



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation		AIR TEMPERATURE IN DEGREES CELSIUS								MEAN TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days							BRIGHT SUNSHINE					
	Max. Min.	Height of Station above Mean Sea Level	Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	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		
			A Max.	B Min.		Mean Temperature	Maximum	Date	Minimum					Date	Amount													Date	
	G.M.T.		°C.		°C.		°C.		°C.		°C.		°C.		in.		%		-		-		-		-		hr		%
7a ENGLAND, N.W.—cont.																													
Lancashire	Squires Gate	21-9 33	11.5	3.7	7.6	-0.4	18.2	1	-2.4	6	-	-	2.18	118	.62	9	19	13	1	0	1	0	0	1	6	13	0	5.72	100
	Urswick	9 9 130	11.9	3.2	7.5	-	17.2	1	-2.8	21	-	-	3.13	120	.84	9	22	12	0	0	0	0	0	6	1	-	4	-	-
	Southport	9 9 16	11.1	3.4	7.3	-	16.1	1,30	-1.7	1	8.1	8.1	2.18	117	.54	9	20	16	-	-	-	-	3	4	12	-	5.48	-	
	Poulton-le-Fylde	9 9 38	11.1	(4.1)	(7.6)	-	17.8	1	-0.6	3, 6, 22	-	-	2.30	114	.78	9	19	13	-	-	-	-	1	(3)	-	-	-	-	-
	Grizedale	9 9 300	10.9	1.9	6.4	-	16.7	1	-2.8	1,21,22	-	-	5.93	-	1.65	9	23	19	0	0	0	0	0	2	7	12	0	-	-
	Speke	21-9 80	12.0	4.9	8.5	-	17.0	3	0.1	1	-	-	2.83	165	.85	9	21	18	0	0	2	1	2	1	0	7	0	4.86	-
	Kirkham	9 9 78	11.7	3.7	7.7	-	17.8	1	-1.7	21	-	-	2.37	119	.73	9	21	13	0	0	0	0	1	0	4	13	0	5.85	-
	Garstang	9 9 68	11.2	3.2	7.2	-	17.8	1	-1.7	21,22	-	-	2.61	131	.82	9	20	13	-	-	-	-	1	6	11	-	5.31	-	
	Morecambe	9 9 24	11.1	4.6	7.9	-0.4	16.7	1,30	1.1	1, 21	-	-	3.25	158	.89	9	22	14	0	0	0	0	1	0	-	0	5.93	107	
	Penketh	9 9 50	12.4	3.8	7.9	-	17.2	2,3	-1.1	3	7.9	7.2	2.46	-	.78	9	19	15	0	0	3	0	1	4	7	13	0	4.99	-
	Preston	9 9 108	11.7	4.0	7.9	-	17.8	1	-1.1	21	-	-	2.55	115	.62	9	22	15	1	0	0	2	0	4	1	9	0	-	-
	Stonyhurst	9 9 377	(11.3)	3.2	(7.3)	(-0.4)	16.7	1	-1.1	1	-	-	3.34	125	.72	9	21	13	-	-	-	-	3	2	6	-	5.03	105	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.61	-	
	Helmshore	9 9 854	10.3	2.9	6.6	-	16.1	1,2	-1.1	1	6.4	-	4.00	108	1.06	9	21	16	-	-	-	-	4	3	15	-	4.87	-	
	Burnley	9 9 655	10.7	2.8	6.7	-	17.2	1	-1.7	1	6.7	6.1	3.17	-	.59	9	22	16	0	0	1	0	0	3	6	15	0	4.85	-
	Nelson	9 9 540	10.4	3.3	6.9	-	15.6	2,3	-1.7	1	7.0	6.1	3.50	131	.69	9	21	14	-	-	-	-	2	5	11	-	4.37	-	
	Rochdale	9 9 362	11.6	3.2	7.4	-	17.2	1,2	-1.1	2,3,6	-	-	2.82	106	.89	9	20	12	2	0	0	0	0	2	4	13	0	-	-
Cheshire	Bidston Obs'y.	9 9 198	11.0	5.2	8.1	-0.2	16.1	3	0.6	1	-	-	2.69	159	.92	9	20	16	-	-	-	-	1	0	2	-	5.15	98	
	Winnington	9 9 65	12.7	4.5	8.6	-	17.8	2	1.1	1,9,22	-	-	2.26	121	.65	9	18	14	1	0	0	1	1	2	0	8	4	-	-
	Knutsford	9 9 212	12.4	3.4	7.9	-	18.3	2	-1.1	1	7.9	7.0	2.46	124	.72	9	19	13	-	-	-	-	3	15	-	-	-	-	
	Ringway	21-9 248	11.7	4.1	7.9	-0.2	18.1	2	0.2	1	-	-	2.27	120	.64	9	20	13	2	0	3	2	2	2	0	5	0	4.68	102
	Macclesfield	9 9 500	11.7	3.3	7.5	-0.4	17.8	2	0.0	19	-	-	2.77	114	.78	9	22	14	2	0	3	0	0	0	0	-	0	-	-
7b NORTH WALES																													
Flint	Rhyl	9 9 31	11.7	4.8	8.3	-0.3	19.4	1	0.0	22	-	-	1.65	104	.39	9	16	11	0	0	0	2	0	0	1	2	1	5.15	95
	Prestatyn	9 9 12	11.5	4.9	8.2	-	18.3	1	-1.1	22	-	-	1.81	107	.72	9	15	12	0	0	0	0	0	0	1	-	0	4.83	93
	Hawarden Bridge	9 9 17	12.6	4.3	8.5	-0.4	16.7	3	-1.7	6	-	-	1.81	103	.63	9	18	14	0	0	0	3	2	1	3	-	0	-	-
Anglesey	Valley	21-9 33	11.9	5.2	8.3	0.0	17.1	1	-0.1	21	-	-	1.80	95	.85	9	16	11	0	0	1	0	0	0	1	8	3	6.72	113
Denbigh	Colwyn Bay	9 9 118	11.6	5.2	8.4	-0.3	15.6	1	1.1	21,22	8.6	-	1.05	61	.24	9	17	11	0	0	0	1	0	0	0	-	-	5.26	95
	Alwen	9 9 100	9.8	0.9	5.3	-	17.2	1	-6.1	22	-	-	3.53	114	.59	26	21	18	-	-	-	-	-	11	18	-	-	-	
	Ruthin	9 9 243	11.7	3.2	7.5	-	17.2	1,3	-1.7	22	-	-	1.69	-	.38	9	16	12	-	-	-	-	0	4	-	-	4.62	-	
	Loggerheads	9 9 090	10.9	3.1	7.0	-	16.7	1	-3.3	22	6.7	6.6	1.67	-	.25	9	21	13	0	0	0	3	0	2	7	11	0	-	-
	Bwlchwyn	9 9 267	9.6	2.2	5.9	-	15.0	2	-0.6	1,22	5.9	-	2.97	103	.50	9	20	16	0	0	1	0	1	2	4	15	-	-	
	Wrexham	9 9 275	12.1	4.1	8.1	-	16.1	2,3	-1.1	22	7.6	6.8	2.27	102	.50	9	17	14	0	0	1	0	2	1	4	18	-	-	
Caernarvon	Bardsey Island	21-9 61	10.8	6.3	8.5	-	17.0	2	3.0	21	-	-	1.36	-	.61	9	13	8	-	-	-	0	0	0	3	-	-	-	
	Botwnnog	9 9 112	11.8	4.7	8.3	-	17.2	1	-1.1	21	9.5	8.4	1.94	-	.89	9	16	9	0	0	2	0	0	0	1	9	0	6.63	-
	Bryn Adda	9 9 275	12.0	4.9	8.5	-	18.3	1	0.0	21	-	-	2.56	99	.84	9	17	15	0	0	0	0	0	0	0	12	1	-	-
	Cwm Dylli	9 9 324	11.5	2.3	6.9	-	20.6	1	-2.8	6	7.8	-	7.18	88	1.73	9	21	18	-	-	-	-	0	6	8	-	-	-	
	Aber	9 9 60	11.8	5.4	8.6	-0.2	16.1	1	1.1	21,22	-	-	2.31	99	.53	9	18	14	0	0	3	1	0	0	0	9	0	4.78	90
	Llandudno	9 9 13	-	-	-	-	-	-	-	-	-	-	6.54	-	2.50	9	20	19	-	-	-	-	-	-	-	-	-	-	
Merioneth	Llyn Stwlan	9 9 1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog	9 9 750	11.8	3.1	7.5	-	19.4	1	-1.7	1	-	-	6.10	109	2.58	9	19	19	-	-	-	-	3	2	-	-	-	-	
	Corwen	9 9 473	11.6	2.2	6.9	-	17.2	2,3	-3.9	2	-	-	3.01	114	.80	9	18	13	2	0	0	9	0	7	12	-	-	-	
Montgomery	Ceunws	9 9 200	12.2	3.4	7.8	-	17.8	2	-2.8	22	-	-	6.30	-	2.38	9	20	17	-	-	-	-	0	7	11	-	-	-	
	Lake Vyrnwy	9 9 995	10.1	2.6	6.3	-	17.2	2	-1.7	1,22	6.5	-	4.80	119	1.32	9	21	17	2	0	0	3	0	1	5	24	0	-	-
8a SOUTH WALES																													
Cardigan	Aberporth	21-9 378	11.0	5.4	8.2	0.0	17.9	1	0.2	21	-	-	2.07	87	.87	9	19	9	0	0	0	3	0	0	0	6	1	6.30	-
	Aberystwyth	9 9 12	12.6	5.3	8.9	+0.3	18.3	1	1.1	22	-	-	-	-	-	18	17	-	-	-	-	0	0	-	-	-	6.15	115	
	P.B.S.*	9 9 452	10.8	4.3	7.5	-0.5	16.7	1	0.6	22	-	-	2.81	121	1.19	9	19	11	0	0	1	0	0	2	0	8	1	5.54	105
	Gogerddan	9 9 103	11.6	4.2	7.9	-	20.0	1	-1.1	6,22	-	-	3.16	137	.89	9	17	11	0	0	1	0	0	0	4	10	0	5.60	-
	Swyddfynnon	9 9 540	11.1	2.9	7.0	-	19.2	1	-1.9	3	-	-	4.55	147	1.13	9	20	15	-	-	-	-	0	5	14	-	5.09	-	
	Trawscod	9 9 200	11.8	3.6	7.7	-	19.4	1	-2.2	22	7.8	-	3.13	111	1.														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE					
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n			Thunder heard	Fog at 9h.	Air Frost +	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average						
			A	B		Maximum	Date	Minimum	Date						-0.1in. (0.2mm.) or more	-0.01in. (0.2mm.) or more	Snow or Sleet													
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.				
8b ENGLAND, S.W.—cont.																														
Devon	Clawton ...	9 9	412	12.5	3.3	7.9	-	18.9	2	-2.2	22	-	-	2.43	-	.39	24	18	14	0	0	1	1	0	1	4	-	0	-	
	Hartland Point ...	21-9	298	10.2	6.3	8.3	-	15.4	1	3.0	22	-	-	1.60	80	.28	24	15	10	0	0	1	0	0	2	0	0	3	6.78	112
	Mount Batten ...	21-9	87	12.0	5.5	8.7	-0.5	14.3	1	-0.3	22	-	-	1.96	89	.48	11	19	13	0	0	1	3	0	0	1	10	2	6.10	100
	Plymouth, The Hoe	9 9	119	12.7	5.6	9.1	-0.6	15.6	16	0.6	22	9.9	9.4	1.86	85	.38	11	17	14	0	0	0	0	0	1	0	3	0	6.28	103
	Tavistock ...	9 9	457	12.6	4.2	8.4	-0.4	18.3	2	-1.1	22	-	-	2.62	-	.44	11	19	16	0	0	0	1	0	2	15	0	-	-	
	Chivener ...	21-9	20	12.5	5.4	8.9	-	18.6	1	0.0	22	-	-	2.18	101	.43	11	14	12	0	0	0	0	0	0	0	7	0	6.31	-
	Ilfracombe ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Princetown ...	9 9	1359	9.3	3.6	6.5	-	16.1	2	0.6	19,22,29	-	-	3.11	-	.84	11	15	14	0	0	-	-	-	0	5	-	-	-	
	Totnes ...	9 9	120	13.1	3.6	8.3	-	16.7	2,3	-3.9	22	9.2	8.3	1.50	51	.46	11	17	8	0	0	1	1	1	0	6	19	1	5.93	-
	Slapton ...	9 9	104	12.8	5.2	9.0	-	16.1	16	1.1	22,29	-	-	1.71	-	.49	9	18	10	0	0	1	0	0	0	0	10	0	-	-
	Newton Abbot ...	9 9	272	12.7	4.4	8.5	-0.5	15.0	2,15,16	-1.1	22	-	-	1.66	67	.43	11	17	8	0	0	0	1	0	2	6	0	6.77	115	
	Paignton ...	9 9	8	18.3	5.4	9.3	-	16.7	15,16	0.0	22	-	-	1.29	51	.50	11	17	6	0	0	1	1	2	0	0	3	1	6.68	110
	Torquay ...	9 9	26	12.9	5.4	9.1	-0.3	16.1	15,16	1.1	22	-	8.6	1.14	50	.38	11	14	6	0	0	1	0	1	0	0	1	1	6.82	109
	Teignmouth	9 9	20	12.7	5.8	9.3	-0.2	16.1	15	0.0	22	-	-	1.36	64	.41	11	15	11	0	0	0	0	0	0	0	1	0	6.89	112
	Starcross ...	9 9	29	12.7	4.8	8.7	-	16.1	16	-0.6	22	9.6	-	1.20	58	.28	11	14	9	0	0	0	0	0	0	0	1	7	3	6.57
Exeter, Southam	9 9	160	-	4.5	-	-	-	-	-1.7	22	-	-	1.12	-	.30	11	13	7	0	0	0	0	0	0	0	1	2	-	-	
Exmouth ...	9 9	195	12.3	5.1	8.7	0.0	15.6	15,16	-0.6	22	-	-	.77	35	.22	11	12	7	0	0	0	0	0	1	-	1	6.57	111		
Exeter ...	21-9	106	13.1	4.8	8.9	-	16.8	2	-1.6	22	-	-	1.31	61	.32	26	18	8	0	0	1	2	1	0	2	9	3	5.86	-	
Sidmouth ...	9 9	25	12.1	5.5	8.8	-0.2	16.7	16	0.6	22	-	-	1.12	56	.30	11	14	8	0	0	-	-	-	0	0	6	-	-		
Cornwall	St. Mary's, Scilly	21-9	158	12.4	7.8	10.1	+0.4	15.0	16	5.5	22,29	-	-	1.26	60	.33	29	13	8	0	0	0	0	0	0	0	0	5	6.65	104
	Penzance ...	9 9	62	12.6	6.3	9.5	-0.4	15.0	2	-0.6	22	-	-	1.96	78	.47	9	19	12	0	0	1	0	0	0	1	8	2	6.98	112
	Gulval ...	9 9	50	12.4	6.6	9.5	-0.1	15.0	2	1.1	22	-	-	1.86	78	.48	9	19	11	0	0	-	-	0	0	2	-	6.98	114	
	Culdrose ...	9 9	268	11.7	5.7	8.7	-	14.4	2	0.6	22	-	-	1.47	68	.38	24	18	8	0	0	1	0	0	0	0	5	1	6.77	-
	Rosewarne ...	9 9	250	11.2	6.3	8.7	-	14.4	3	1.7	29	9.5	9.3	1.53	66	.32	24	20	11	0	0	1	0	0	0	0	8	3	6.47	-
	Lizard ...	9 9	240	11.6	6.5	9.1	-0.2	14.0	2	3.7	22	-	-	1.42	71	.30	24	18	10	0	0	1	0	1	5	0	-	1	6.97	-
	Falmouth	9 9	167	12.1	5.0	8.5	-1.0	15.0	2	-0.6	22	-	-	1.43	55	.39	9	16	11	0	0	0	0	0	1	1	5	0	6.60	107
	Newquay ...	9 9	176	11.6	6.2	8.9	-0.2	15.6	1	0.6	22	-	-	1.10	57	.29	24	15	6	0	0	2	0	0	0	0	-	0	6.63	109
	St. Mawgan ...	21-9	337	11.3	5.9	8.6	-	15.6	1	1.6	22	-	-	1.55	71	.34	9	16	12	0	0	2	1	0	5	0	3	0	6.51	-
	St. Austell ...	9 9	310	11.9	6.7	9.3	-	15.0	2	2.2	29	-	-	1.65	56	.33	24	18	14	0	0	0	0	0	2	0	0	-	-	
	Fowey ...	9 9	51	12.7	6.1	9.4	-0.2	15.3	16	2.2	22	-	-	1.25	-	.21	11	15	12	0	0	1	0	0	0	0	0	-	-	
	Bude ...	9 9	50	11.7	5.7	8.7	-0.3	15.6	2	-1.1	22	8.1	-	1.55	80	.41	11	14	9	0	0	1	0	1	5	-	2	6.12	101	
Ellbridge ...	9 9	190	12.7	4.6	8.7	-0.4	16.7	2	-1.7	22	-	-	1.73	72	.50	11	20	15	0	0	3	0	0	0	2	11	0	6.10	101	
9 NORTHERN IRELAND																														
Londonderry	Loughmore Forest	9 9	570	11.0	2.7	6.9	-	16.1	1	-2.8	21	-	-	4.03	-	.47	14	23	20	0	0	0	0	0	0	4	11	0	-	
	Ballykelly	21-9	6	11.9	4.5	8.2	0.0	17.5	1	-1.4	21	8.7	7.7	2.65	110	.43	11	26	17	1	0	6	0	2	0	1	9	2	4.81	92
Antrim	Derrynoyd Forest	9 9	290	11.9	3.4	7.7	-	16.7	2	-2.2	21	-	-	4.27	-	.52	17	24	16	0	0	1	0	0	0	1	2	0	-	
	Somerset Forest	9 9	140	11.6	2.8	7.2	-	16.1	2	-3.3	21	-	-	2.77	-	.33	11	20	17	0	0	2	0	0	0	2	6	0	-	
	Garvagh Forest	9 9	290	11.7	3.2	7.5	-	16.1	2	-2.8	21	-	-	4.02	-	.56	9	23	22	1	0	5	0	1	0	3	18	0	-	
	Moneydig	21-9	112	11.9	3.4	7.7	-0.1	16.5	2	-2.7	21	8.1	-	2.83	106	.43	9	24	17	3	0	8	0	3	0	3	13	0	-	
	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	2.64	-	.38	14	20	16	-	-	-	-	-	-	-	-	6.04	-	
	Lisnafillan ...	9 9	124	11.6	2.6	7.1	-	15.6	1	-3.9	21	-	-	2.22	-	.43	14	20	16	0	0	1	0	1	4	8	0	5.65	-	
	Aldergrove	21-9	225	11.7	3.6	7.7	-0.2	15.3	1	-0.8	21	8.0	7.0	2.34	-	.55	9	20	15	2	0	7	0	2	3	1	6	0	5.05	101
	Greenmount	9 9	105	11.8	3.7	7.7	-	16.1	1	-1.7	21	8.2	-	2.51	-	.44	14	21	15	0	0	0	0	0	2	11	-	-		
	Parkmore Forest	9 9	770	9.4	2.7	6.1	-	12.8	2,3	-3.3	21	5.9	-	5.40	-	.51	9	22	20	0	0	4	0	1	0	1	11	0	-	
	Black Mountain	21-9	969	9.9	2.8	6.3	-	13.8	2	-0.6	19	-	-	3.09	-	.48	14	18	17	3	0	0	2	1	2	3	5	-		
	Ballypatrick Forest	9 9	500	10.0	3.2	6.6	-	13.9	7	-2.2	21	-	-	2.79	-	.42	14	23	17	1	0	6	0	0	0	1	6	0	-	
	Newtownabbey ...	9 9	105	11.9	4.9	8.4	-	15.0	3,14	1.1	21	8.6	-	3.18	-	.64	9	20	17	0	0	5	0	1	0	0	6	3	5.70	-S
Ballymoney ...	9 9	180	11.6	3.9	7.7	-	16.1	1,2	-0.6	21	-	-	2.32	-	.30	9	21	14	0	0	4	0	1	0	1	7	0	-		
Larne ...	9 9	140	11.8	3.9	7.9	-	14.4	2	-1.1	21	-	-	3.54	-	.72	9	21	18	0	0	4	0	0	0	2	0	-			
Kilroot ...	9 9	71																												







TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL, 1965

Table with columns for District, County and Place; Hour of Observation; Mean Pressure; Mean Temperature and Humidity; Cloud Amount (OKTAS); Visibility; Wind, Number of Observations; Direction. Includes data for regions like ENGLAND, NORTH WALES, SOUTH WALES, ENGLAND, S.W., and NORTHERN IRELAND.

H See Notes on Tables in the Introduction.



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

Met.O. 763

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



Volume 82 Number 5

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### May 1965 — Often cloudy; warm during the second week

Weather during May was predominantly cyclonic in character except during the second week and again near the end of the month.

The first eight days of the month were rather dull and unsettled with day temperatures about normal. A trough of low pressure over the south-west of the British Isles brought rain to southern and central districts on the 1st and this rain spread north-eastwards to the remainder of the country on the 2nd. A depression, approaching from the Atlantic on the 3rd crossed the British Isles the next day giving rain, thundery locally with winds reaching gale force in some southern coastal areas. The 5th was cooler and showery with north-westerly winds and sunny periods. Two rather wet days followed as troughs, associated with a depression to the south of Iceland, moved eastwards across the country in rapid succession. Heavy thundery rain broke out in the north-west on the 8th, with falls exceeding 1 inch in many places, as the last of these troughs slowly cleared the east coast.

The second week was mostly sunny and warm. An anticyclone over the Bay of Biscay developed slowly northwards on the 9th bringing long sunny periods to most of England and Wales and this fine weather spread to the remainder of the British Isles, except the Shetlands, the next day. On the 11th the anticyclone moved eastwards from southern England towards Germany and southerly winds on its western flank maintained warm sunny weather over most of England and Wales from the 11th until the 13th. Many places had 13 to 14 hours sunshine daily and afternoon temperatures on the 13th and 14th exceeded 27°C. Although the fine warm weather continued in south-east England until the 15th, a small depression off eastern Scotland brought heavy rain to northern districts the previous night heralding the break-up of the fine spell.

On the 16th and 17th rain was widespread and heavy at times, with falls exceeding 1 inch locally on both days, as a depression from the Atlantic moved eastwards across the country. Scattered thunderstorms with hail broke out in the south-east on the 17th but temperatures were about normal.

The next two days were rather cold with a northerly airstream covering much of the country. Many northern districts had showers of sleet or snow and these extended as far south as East Anglia on the 18th and 19th. Ground became snow-covered for a time in the Glasgow-Edinburgh area.

A small anticyclone formed over southern England on the 20th giving a day of prolonged sunshine nearly everywhere and this fine weather continued in the south-east on the 21st, but rain, associated with a depression approaching Ireland spread north-east across most other districts. The depression became slow-moving and remained almost stationary off Ireland during the 22nd to 25th as it filled. Thundery rain or showers fell in most districts, but there were good sunny periods especially in south-east England. Rain was more widespread on the 26th as a small depression moved south-east across Scotland to the southern North Sea.

Northerly winds became established over most of the country on the 27th with high pressure to the west of the British Isles and these winds persisted for the remainder of the month bringing dull cold weather to eastern and central England though there were sunny periods in the west.

**Pressure and Wind** — Pressure was mainly below the 1921-50 average, the departure at 9 hr. ranging from -2.0 mb. at Leuchars to 0.0 mb. at Scilly. Surface winds south-easterly at first, were mainly westerly on the 4th-10th and rather variable thereafter though they were mainly from a southerly point on the 11th, 12th and 21st-24th and from a northerly point on the 18th and 27th-31st. They reached gale force on 9 days in Scotland and on the 3rd-5th, 8th, 9th, 22nd, 27th and 28th (8 days) in England and Wales. Gales were fairly widespread on the 8th and 9th; on the 8th a gust of 66 kt was recorded at Leuchars.

**Temperature** — A feature of the month was the warm spell during the second week. Otherwise day temperatures were near average during the first week, except on the 5th, and below average in England and Wales during the last few days of the month.

**Extremes included:** (England and Wales) 28.9°C at Kensington on the 14th, -5.0°C at Alwen on the 20th; (Scotland) 25.6°C at Falkirk on the 14th, -6.1°C at Cairngorm on the 18th and 19th; (Northern Ireland) 24.6°C at Ballykelly on the 13th, -3.3°C at Lislap Forest on the 19th and at Loughermore Forest on the 19th and 20th.

**Precipitation** — In Scotland rainfall was generally above average in northern and inland areas, with excesses of 50 per cent in parts of the North-West Highlands but was below average in eastern and western coastal areas. In England and Wales rainfall was 50 per cent above average in parts of Denbighshire, Cheshire and in north-east coastal districts, but 25 per cent below average locally, in the Midlands and in Kent.

Thunder was heard on 14 days in Scotland and on the 1st, 3rd-5th, 16th-18th and 23rd-26th in England and Wales. Thunderstorms were widespread in northern England on the 24th and 25th and in the south-east on the 17th.

Snow or sleet was reported at one place or another in Scotland on 23 days and ground was snow-covered in places on the mornings of the 17th and 18th. In England and Wales snow showers were reported as far south as East Anglia on the 18th and 19th.

**Sunshine** — It was a dull month nearly everywhere. In Scotland deficits of more than 50 hours were almost general. At Inverness and Fortrose May sunshine totals have never been lower since 1911. In England and Wales percentages ranged from 72 at Newport (Shropshire) to 102 at Luton.

**Fog** — Fog was observed at 9hr at one place or another on 13 mornings in Scotland and on the 1st-12th, 14th-18th and 23rd-31st (26 mornings) in England and Wales.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on the night of the 17th.

TABLE I—DISTRICT VALUES— MAY,

1965

(1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	20.6	-1.1	-0.9	+0.1	-0.4	-	-	+2	108	63
1 SCOTLAND, E.	23.9	0.0	-0.6	+0.4	-0.1	-	-	+2	94	69
2 ENGLAND, N.E.	27.0	-0.6	-0.1	+0.7	+0.3	+0.4	+0.1	+3	101	85
3 ENGLAND, E.	27.2	0.6	-0.1	+0.8	+0.3	+0.4	0.0	+4	101	85
4 MIDLANDS	27.2	0.0	-0.3	+0.8	+0.3	+0.3	+0.3	+4	87	92
5 ENGLAND, S.E.	27.1	-1.2	-0.4	+0.7	+0.2	+0.3	+0.3	+3	89	92

\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
6 SCOTLAND, W.	23.0	-3.1	-1.1	+0.7	-0.2	+0.4	-0.3	+2	98	68
7 ENGLAND, N.W. and N. Wales	25.0	-1.7	-0.4	+0.8	+0.3	+0.1	-0.1	0	123	84
8 ENGLAND, S.W. and S. Wales	26.1	-1.7	-0.5	+0.3	-0.1	+0.2	+0.1	+1	97	82
N. IRELAND	24.6	-2.5	-0.3	+0.9	+0.3	-	-	+3	107	69
SCOTLAND	23.9	-3.1	-0.9	+0.4	-0.2	-	-	+2	106	67
ENG. and WALES	27.2	-1.7	-0.3	+0.7	+0.2	-	-	+3	101	87

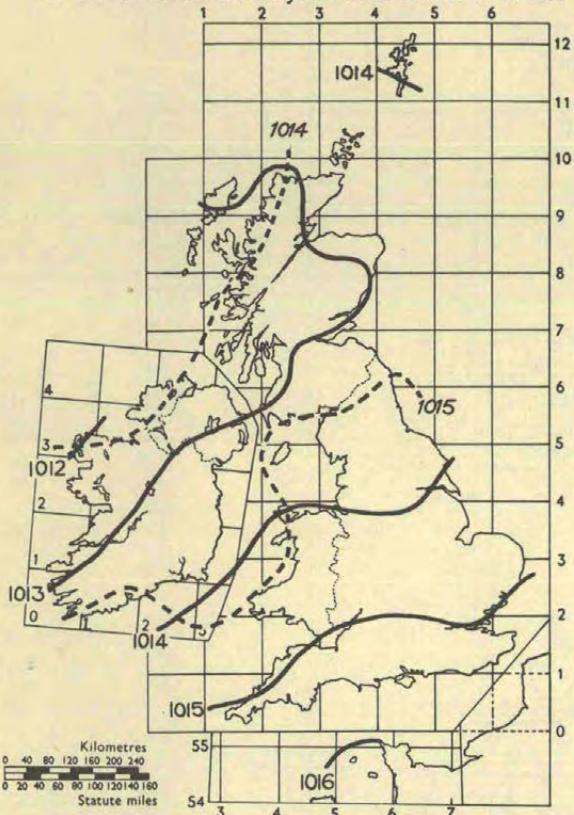
FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MAY, 1965 (1914)

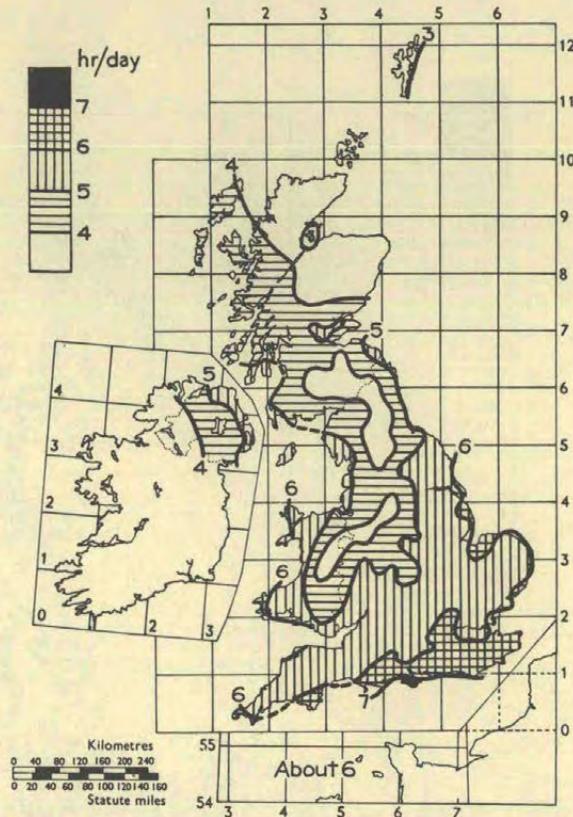
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest 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		
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	-	0	9	67	408	232	37	0	13.0	130	30	3	24	48	3	2315
Orkney	Kirkwall	134	50	33	-	0	5	49	470	188	37	0	13.0	120	28	23	14	39	23	1215
Caithness	Dounreay	110	39	30	23	6	15	95	420	182	13	28	14.5	150	37	23	13	50	23	1225
Sutherland	Shin	78	33	33	-	0	1	6	216	328	194	0	7.7	250	29	8	18	49	8	1830
Ross & Cromarty	Stornoway (Coastguard)	120	40	36	8	1	12	78	390	206	69	0	12.9	260	34	8	16	50	8	1405
	Duirinish	125	65	55	8	3	3	15	268	273	185	0	8.7	210	36	8	13	56	8	1235
Inverness	Benbecula	69	51	35	-	0	6	58	403	236	47	0	12.4	220	32	8	11	53	8	0915
	Fort Augustus	189	53	53	-	0	1	2	167	347	228	0	6.9	260	22	8	12	39	8	1200
1 Moray	Kinloss	57	41	41	-	0	5	27	316	348	53	0	10.5	220	29	8	14	50	8	1350
	Lossiemouth	101	80	60	-	0	1	9	127	375	233	0	6.3	220	26	8	15	49	8	1400
Aberdeen	Dyce	234	30	30	-	0	4	9	367	256	112	0	10.1	250	24	8	17	39	8	1725
Angus	Bell Rock Lighthouse	128	131	124	8, 9, 28	18	17	166	362	134	64	0	15.6	230	47	8	18	62	8	1655
Perth	Rannoch	1006	56	57	8	3	4	26	244	330	130	11	9.1	260	35	8	18	58	8	1450
	Tummel Bridge	528	53	53	-	0	2	5	131	405	203	0	6.6	260	24	8	17	46	8	1820
Fife	Leuchars	78	40	40	8	4	3	20	298	365	57	0	9.9	250	42	8	16	66	8	1510
Midlothian	Turnhouse	137	40	33	-	0	3	23	186	411	124	0	8.3	240	31	8	16	52	8	1455
	Edinburgh, Blackford Hill	496	50	34	8	1	4	41	232	386	84	0	9.5	230	34	8	15	64	8	1415
6a Argyll	Tiree	89	60	47	8	7	15	129	413	125	70	0	14.8	220	37	8	12	60	8	1215
Bute	Millport	50	34	34	f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew	Paisley	188	81	31	-	0	1	3	118	379	244	0	6.1	260	24	8	17	59	8	1625
	Renfrew	71	41	39	-	0	1	5	218	386	135	0	8.3	250	28	8	17	49	8	1625
Lanark	Lowther Hill	2412	43	33	5, 8, 9, 21, 28	37	17	143	377	168	19	0	16.6	290	43	9	15	61	9	1445
Ayr	Prestwick Airport	68	33	33	-	0	0	0	214	393	137	0	8.1	180	20	21	20	35	21	1955
Dumfries	Chapelcross	310	50	50	-	0	0	0	296	323	125	0	8.7	290	20	9	18	43	8	1100
	Eskdalemuir Observatory	825	50	35	-	0	1	2	124	364	254	0	6.1	220	26	8	11	44	9	0800
Wigtown	West Freugh	81	33	33	-	0	3	14	282	352	96	0	9.2	310	27	5	12	48	8	0940
ENGLAND AND WALES																				
6b Isle of Man	Ronaldsway	119	64	39	-	0	9	49	306	311	78	0	11.0	210	28	8	05	43	30	2350
	Point of Ayre	64	33	33	-	0	3	18	333	338	55	0	10.5	230	28	8	11	43	8	1115
2 Durham	Durham	389	53	33	-	0	3	29	247	347	121	0	9.0	290	30	9	11	54	9	1250
	South Shields	73	57	44	-	0	4	11	244	356	133	0	8.9	290	28	9	14	48	8	1215
Yorks., E.R.	Kilnsea	76	39	33	g	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Cranwell	288	47	47	-	0	2	18	254	410	62	0	9.7	280	28	9	12	46	9	1215
3 Norfolk	Gorleston	54	43	43	-	0	7	65	428	248	3	0	13.1	270	28	9	07	33	28	0630
Suffolk	Mildenhall	98	83	60	-	0	1	4	102	394	244	0	6.0	250	25	9	06	47	9	0610
Bedford	Bedford	322	42	30	-	0	1	6	277	399	59	3	9.4	270	26	9	06	49	9	0545
	Cardington	226	133	133	9	2	6	39	377	270	48	8	11.7	210	35	9	04	49	9	0345
Hertford	Garston	307	50	33	-	0	0	0	89	509	146	0	6.4	280	17	9	07	36	3	1325
	Rothamsted	461	41	33	-	0	0	0	88	402	254	0	5.5	290	17	9	07	40	9	0700
Essex	Stansted	351	31	31	-	0	1	6	360	311	67	0	10.1	270	25	9	07	39	9	0400
	Coryton	66	57	48	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Shoeburyness	118	106	91	-	0	8	70	425	208	41	0	13.1	280	30	9	08	53	9	0800
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	41	335	368	0	4.3	260	20	8	12	44	8	1305
Warwick	Edgbaston	643	118	73	-	0	0	0	135	565	44	0	7.7	240	18	9	04	43	9	0345
	Elmdon	343	31	31	-	0	3	10	264	411	59	0	9.5	280	27	9	05	41	9	0420
Buckingham	Amersham	500	50	50	-	0	0	0	109	487	148	0	8.8	210	16	9	04	36	9	0600
Stafford	Keele	706	50	33	-	0	0	0	63	407	274	0	5.0	340	17	9	04	40	9	0250
Worcester	Pershore	154	33	33	-	0	2	6	316	306	116	0	9.3	230	27	9	03	42	9	0250
5 London	Kingsway	208	143	41	-	0	0	0	213	447	79	5	8.2	280	21	9	08	40	9	0730
Middlesex	London (Heathrow) Airport	115	33	33	-	0	3	9	328	357	50	0	10.2	270	26	9	07	42	9	0355
	Hampton	139	101	100	-	0	1	3	228	381	132	0	8.0	280	22	9	08	40	9	0635
Surrey	Kew Observatory	92	75	50	-	0	0	0	234	425	85	0	8.3	230	20	9	05	39	9	0435
	Gatwick	232	38	33	-	0	1	1	185	413	145	0	7.4	220	22	9	05	35	9	0445
Kent	Isle of Grain	48	40	33	-	0	0	0	164	358	222	0	6.7	230	20	9	06	35	9	0740
	Dungeness	70	50	33	4	1	8	100	334	247	62	0	12.6	240	34	4	16	47	4	1650
	Dover	68	38	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sussex	Thorney Island	75	65	42	-	0	2	2	252	320	170	0	8.2	250	23	9	05	41	9	0400
Hampshire	Hurn	86	53	46	-	0	2	2	292	346	104	0	9.4	250	22	9	04	37	9	0310
	Calshot	50	41	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	S. Farnborough	318	69	35	-	0	1	2	261	383	98	0	8.8	240	24	9	06	38	9	0715
Berkshire	Abingdon	295	40	40	-	0	0	0	216	366	162	0	7.8	250	21	9	05	42	9	0510
Wiltshire	Larkhill	491	51	36	-	0	0	0	229	400	115	0	8.2	020	21	29	09	39	9	0510
	Boscombe Down	425	55	55	-	0	6	11	357	326	50	0	10.8	290	25	9	07	41	9	0530
	Porton	406	44	44	-	0	0	0	222	305	217	0	7.3	210	21	3	21	36	9	0530
7a Cumberland	Carlisle	137	42	30	-	0	2	9	208	322	205	0	7.9	230	26	8	11	45	8	1115
	Sellafield	83	39	35	f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Spadeadam	959	51	50	-	0	2	6	288	369	81	0	9.4	230	24	8	11	58	8	1125
Westmorland	Great Dun Fell	2813	33	33	8, 9, 28, 29	22	16	187	368	141	26	0	16.8	240	41	8	12	56	8	1120
	Moor House	1960	50	45	-	0	6	59	386	246	44	9	12.4	270	33	9	14</			

## 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.

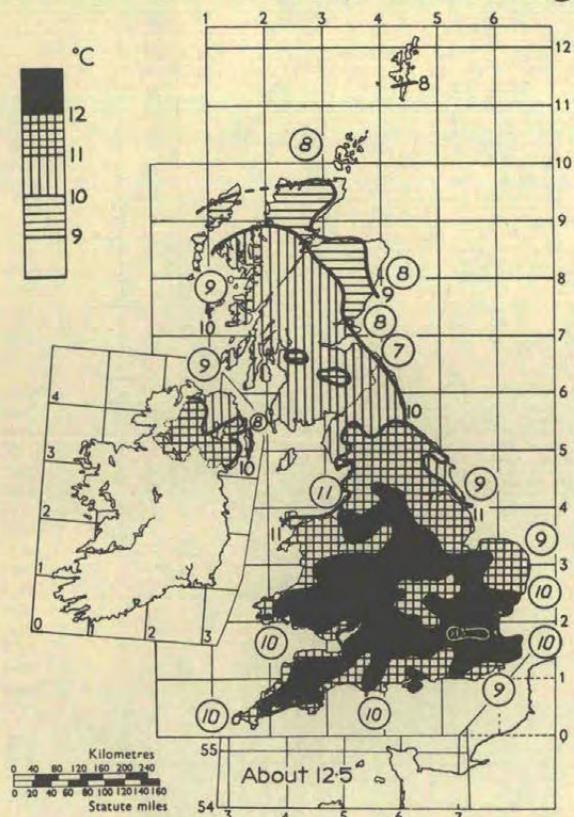


## BRIGHT SUNSHINE

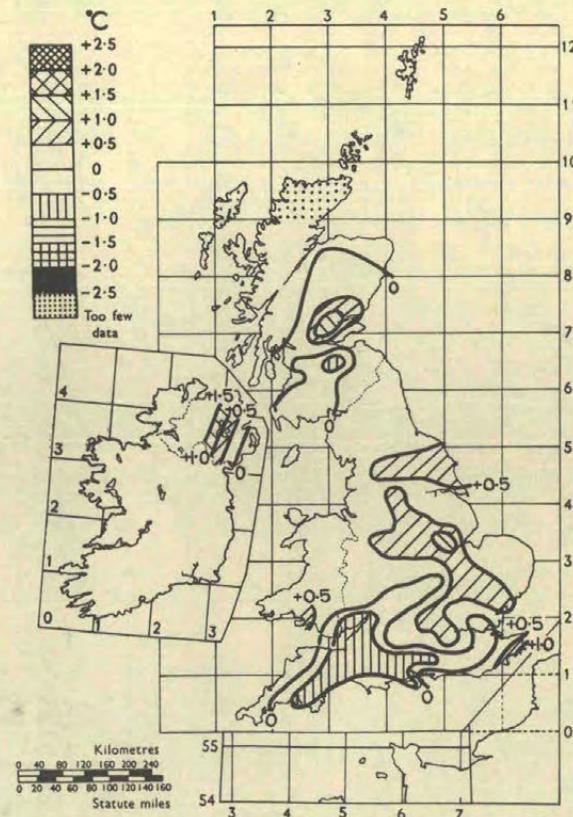


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



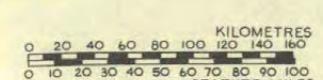
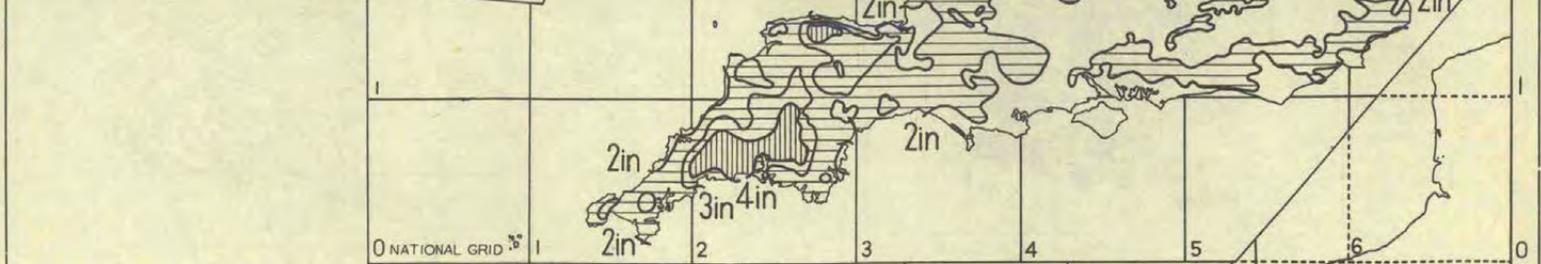
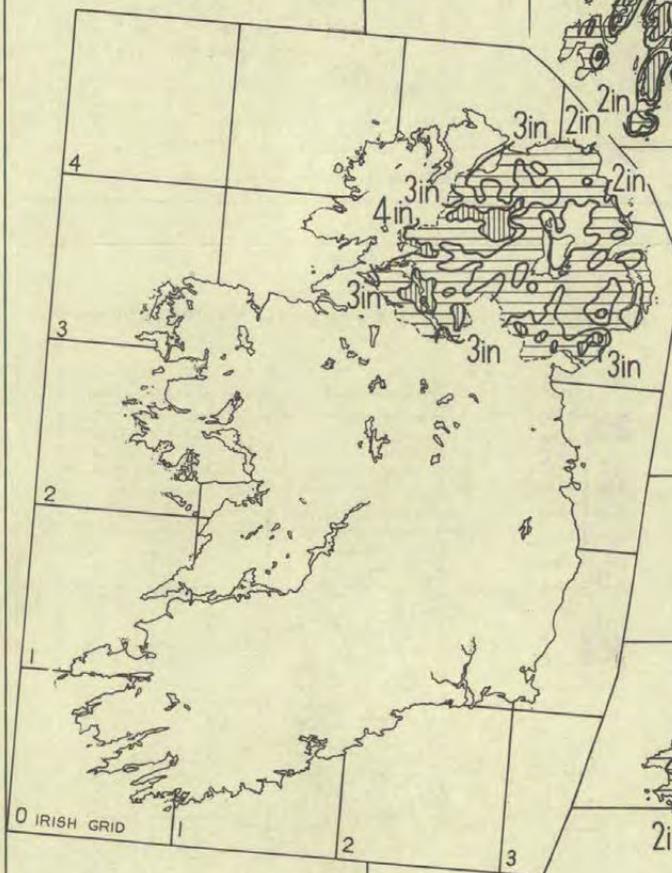
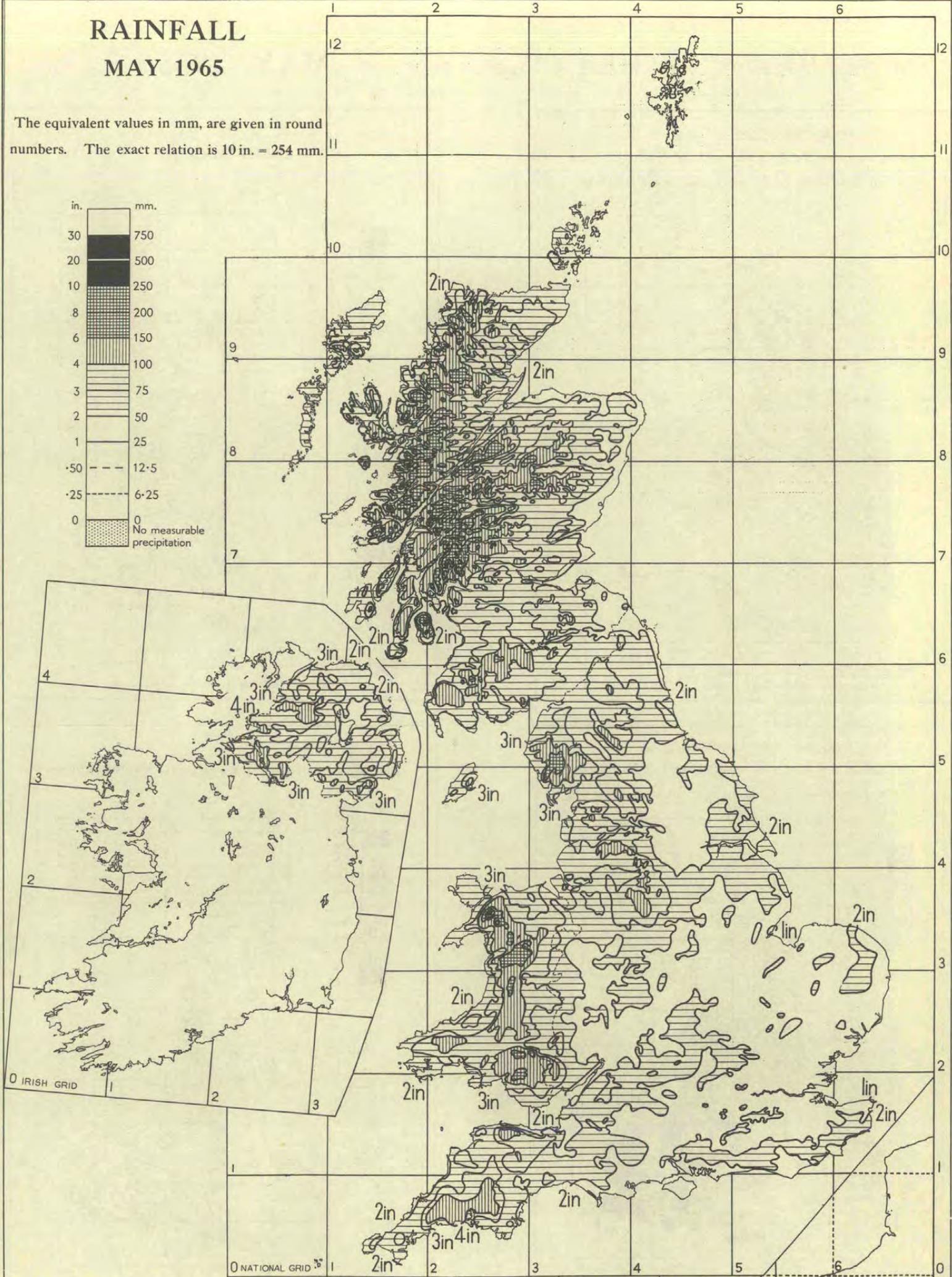
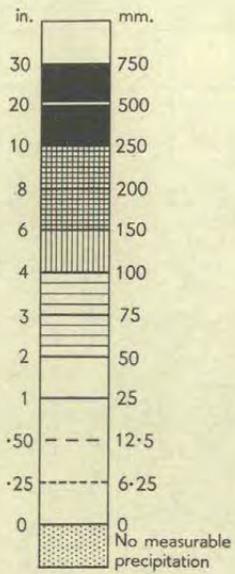
## ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



# RAINFALL

## MAY 1965

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



UTM GRID  
ZONE 30 U

MO/Carta/00/164/A

TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER							BRIGHT SUNSHINE							
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Thunder heard	Fog at 9h.	Air Frost: †	Grass with below 0° C	Gale	Daily Mean	Percentage of Average							
			A	B		Maximum	Date	Minimum	Date					Amount	Date	0-1in. (0-25mm.) or more	0-1in. (1-25mm.) or more								Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.			
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%							
0 SCOTLAND, N.																															
Zetland																															
	9 9	70	9.8	5.8	7.8	-	13.3	22	1.1	19,20	-	-	1.69	-	.32	8	16	11	3	0	3	0	0	0	3	hr	-				
	21-9	269	8.7	4.7	6.7	-1.1	11.8	31	0.1	19	-	-	1.78	77	.34	8	19	12	3	0	2	2	0	3	0	3	0	2.99	56		
	9 9	78	9.4	5.2	7.3	-	12.8	25	0.6	21	7.1	-	1.71	72	.58	8	16	10	3	0	1	1	0	0	0	0	2	3.34	-		
Orkney																															
	9 9	43	9.6	6.4	8.0	-	12.8	13	2.5	17,18	-	-	1.62	-	.43	8	13	7	0	0	2	0	0	0	2	0	0	0	-		
	9 9	75	10.7	5.9	8.3	-	15.0	13	0.6	19	8.6	-	2.59	131	.54	3	20	11	2	0	0	2	0	0	0	0	4	2	3.14	-	
	9 9	110	9.9	5.8	7.9	-	13.9	22	1.7	18,19	-	-	2.50	-	.48	3	17	10	-	-	-	-	-	-	-	-	-	-	2.81	-	
	21-9	84	10.0	5.6	7.8	-	13.8	22	0.0	18	-	-	2.57	133	.49	3	17	9	4	0	2	1	0	1	0	0	3	0	2.99	58	
Caithness																															
	9 9	70	11.6	6.1	8.9	-	17.8	13	1.7	2	-	-	2.11	-	.63	15	17	14	-	-	-	-	-	-	-	-	-	-	-	-	
	21-9	119	10.2	5.9	8.1	-0.3	17.2	13	-0.6	19	-	-	2.35	130	.72	15	19	11	0	0	1	2	0	4	1	2	0	3	3.34	59	
Sutherland																															
	21-9	367	10.3	5.9	8.1	-0.5	16.1	1	0.3	19	-	-	2.50	96	.51	15	20	11	3	0	1	0	0	4	0	1	0	3	3.58	-	
	9 9	280	13.0	5.3	9.1	-	21.7	13	-1.1	19	9.6	7.2	2.94	139	.54	14	21	17	3	0	3	0	0	0	0	3	9	0	3.58	-	
	9 9	120	12.0	5.8	8.9	-0.3	20.0	13	0.6	18,19	-	-	2.69	123	.57	15	21	12	3	0	2	0	0	0	0	0	0	0	3.53	67	
Ross & Cromarty																															
	21-9	11	11.7	6.4	9.1	-0.2	16.6	13	-0.4	18	-	-	2.81	123	.61	14	22	17	1	0	1	1	0	0	0	2	3	0	4.00	64	
	9 9	2	14.2	7.2	10.7	-	22.8	13	0.6	18	-	-	2.86	-	.72	8	19	14	0	0	0	0	0	0	0	0	0	0	-	-	
	9 9	20	13.7	6.5	10.1	-	21.1	13	0.0	18	-	-	3.14	106	.75	14	14	13	-	-	-	-	-	-	-	-	0	3	-	3.93	- S
	9 9	45	12.5	6.5	9.5	-	18.9	13	0.0	18	9.6	-	2.80	-	.58	14	19	15	1	0	0	2	0	0	0	0	5	0	3.72	-	
	9 9	220	14.2	5.3	9.7	-0.4	24.4	13	-0.6	18	-	-	3.76	99	1.15	8	24	15	0	0	0	0	0	0	0	1	0	0	-	-	
	9 9	76	14.3	6.6	10.5	-	24.4	13	0.6	19	9.8	-	3.67	101	1.18	8	22	13	0	0	0	0	0	0	1	0	8	0	3.99	- S	
	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9 9	15	12.2	6.9	9.5	-0.1	15.6	13,30	1.1	18	-	-	2.21	115	.50	14	18	13	1	0	0	0	0	0	0	0	0	0	2.89	52	
	21-9	60	11.2	7.0	9.1	-	18.0	13	2.0	1,2,18	-	-	2.02	113	.57	14	20	11	0	0	0	0	0	0	0	0	0	0	-	-	
Inverness																															
	21-9	19	12.5	7.1	9.8	0.0	19.3	13	1.0	19	-	-	2.13	78	.52	21	18	11	0	0	1	1	0	0	0	0	6	1	4.50	-	
	9 9	15	13.6	6.9	10.3	-	22.2	13	-1.1	20	11.6	9.0	3.30	62	.71	21	20	16	0	0	0	0	0	6	0	2	6	1	-	-	
	9 9	220	13.1	6.6	9.9	-	21.1	13	0.0	19,20	-	-	2.47	66	.53	8	20	11	1	0	1	0	1	0	0	0	5	2	4.67	-	
	9 9	294	12.1	6.9	9.5	+0.1	19.4	13	1.1	20	-	-	2.80	98	.71	14	21	15	2	0	1	0	0	0	0	1	1	4.15	64		
	9 9	48	13.7	6.8	10.3	-0.1	20.6	14	-1.1	19,20	-	-	3.88	96	.48	8	17	17	0	0	1	0	0	0	0	2	5	0	4.68	82 S	
	9 9	27	14.3	6.7	10.5	-	21.7	14	-1.7	19	10.6	9.2	3.32	-	.89	8	20	16	0	0	1	1	1	0	0	2	3	0	4.18	-	
	9 9	70	13.8	6.6	10.2	+0.3	23.3	13	0.0	20	-	-	2.19	-	.88	8	17	12	0	0	0	0	0	0	1	0	0	0	4.07	-	
	9 9	350	14.2	4.6	9.4	-	22.8	13	2.8	1	-	-	3.11	136	1.07	8	18	15	1	0	0	0	0	0	0	6	9	0	-	-	
	9 9	13	13.4	6.6	10.0	-	17.2	1,12,13	2.2	1,18	-	-	2.31	118	.51	14	18	15	0	0	1	0	0	0	1	0	3	0	3.98	-	
	9 9	2500	8.4	2.4	5.4	-	20.0	13,14	-3.9	18,19	-	-	5.44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9 9	3575	4.8	0.1	2.5	-	16.7	13,14	-6.1	18,19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9 9	1000	12.9	4.4	8.7	-	23.9	13	-1.7	19	7.9	-	2.56	-	.49	26	21	15	2	0	0	0	0	0	0	4	7	0	-	-	
	9 9	1120	12.2	4.4	8.3	-	23.9	13	-1.9	19	-	-	3.24	119	.59	26	22	15	1	1	0	0	0	0	0	4	10	0	3.87	-	
1 SCOTLAND, E.																															
Nairn																															
	9 9	20	12.6	6.1	9.3	-0.5	17.2	1,13	0.0	1	-	-	2.24	114	.64	14	22	13	0	0	0	0	0	0	0	0	5	0	3.05	55	
Moray																															
	9 9	155	12.7	5.1	8.9	-	21.1	13	-0.6	19	10.3	8.3	1.92	102	.76	14	19	14	0	0	3	0	0	0	0	1	6	0	3.19	55	
	21-9	15	12.8	5.9	9.3	-	20.9	13	0.5	19	9.5	-	1.80	95	.72	14	19	14	3	0	1	2	1	0	0	0	5	0	3.19	-	
	9 9	92	12.9	6.4	9.7	-	21.1	13	1.7	19	-	-	1.80	92	.62	14	21	14	0	0	0	0	0	0	0	0	8	0	3.30	-	
	9 9	21	11.9	6.1	9.0	-0.6	18.3	13	2.2	2,19	-	-	1.70	91	.60	14	16	11	0	0	0	1	1	0	0	0	3	0	-	-	
Banff																															
	9 9	104	12.7	6.2	9.5	-0.6	20.0	13	0.0	20	-	-	3.00	96	.49	14	18	14	-	-	-	-	-	-	-	-	-	-	-	3.36	- S
	9 9	706	12.2	4.7	8.5	-	24.2	13	-0.6	1	-	-	2.22	-	.49	14	20	16	2	0	3	0	0	0	0	1	7	0	3.43	- 59	
	9 9	80	11.7	6.3	9.0	-	17.2	13	2.8	1,1																					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days										BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day		Precip'n (0.1 in. or more)	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1° C	Grass min below 0° C	Cale	Daily Mean	Per-centage of Average							
			A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum					Date	Amount												Date						
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%						
1 SCOTLAND, E.—cont.																																	
Midlothian	Davidson's Mains	99	200	13.8	6.4	10.1	-0.1	23.3	14	0.6	18,19,20	10.3	-	2.51	112	.45	17	16	12	1	0	0	1	3	1	0	4	0	4.13	-	S		
—cont.	Penicuik ...	99	9	13.9	5.5	9.7	-	24.4	14	-1.1	1,19	10.6	-	3.12	113	.48	16	16	14	1	1	3	0	1	1	2	3	1	3.90	-	-		
	Bush House ...	99	9	13.1	5.6	9.3	-	22.8	14	-1.1	1,19	10.2	8.0	2.83	105	.57	17	17	13	1	0	1	0	0	1	2	5	0	4.45	-	-		
	Edinburgh—																																
	Blackford Hill	99	441	13.8	6.7	10.3	+0.3	23.3	13,14	0.6	18	-	-	2.59	117	.61	25	15	13	1	1	2	0	3	0	5	1	4.57	78	-	-		
	Royal Bot. Gdns.	99	74	13.7	6.4	10.1	-0.2	23.3	13	0.6	19	11.4	-	2.83	129	.56	25	15	12	1	0	0	0	2	0	7	0	4.65	79	-	-		
E. Lothian	Haddington ...	99	9	14.2	6.4	10.3	-	23.3	13	-1.1	19	-	-	1.81	87	.43	17,26	10	9	1	0	0	0	2	0	2	1	4.94	-	-	-		
	Dunbar ...	99	9	12.7	6.9	9.8	+0.2	19.4	13	1.1	19	-	-	1.37	72	.38	17	14	9	1	0	0	0	0	1	0	2	0	5.25	86	-	-	
Berwick	Mertoun ...	99	9	22.5	14.6	5.9	10.3	-	24.4	14	-0.6	19	-	-	1.97	-	.60	16	17	10	1	-	0	0	4	-	1	6	0	4.92	-	-	
	Lauder ...	99	9	600	13.6	4.8	9.2	-	22.8	13	-1.7	19	-	-	2.37	-	.56	3	15	14	1	0	3	0	3	0	1	5	0	4.66	-	-	
	Marchmont	99	9	498	13.7	6.0	9.9	+0.2	23.9	14	0.6	19	-	-	1.75	79	.31	17	18	12	1	0	0	0	0	1	0	-	-	4.52	81	S	
	Whitcheater	99	9	838	12.9	4.9	8.9	-	22.8	14	-1.1	19	-	-	1.74	72	.36	17	19	11	1	2	0	2	-	1	-	-	-	-	-	-	
	St. Abb's Head	99	9	245	11.7	6.8	9.3	-	21.0	13	2.2	18	-	-	-	-	-	-	-	1	0	0	0	0	3	0	1	-	-	-	-		
Peebles	Stanhope Farm	99	9	741	13.6	5.3	9.5	-	23.9	14	-3.9	19	-	-	2.12	74	.27	17	14	13	1	1	0	0	0	0	2	5	0	-	-	-	
	Blyth Bridge	99	9	830	13.0	5.5	9.3	-	23.9	14	-1.1	19	-	-	3.44	136	1.11	16	18	13	1	1	0	0	0	3	0	2	4	0	4.00	-	-
	West Linton	99	9	800	13.1	5.2	9.1	-	24.4	14	-2.2	19	9.6	8.2	3.30	118	.81	17	19	12	2	0	0	0	0	0	2	4	0	-	-	-	
	Glentworth	99	9	580	13.9	4.9	9.4	-	25.0	14	-2.8	19	-	-	2.95	137	.68	16	16	13	1	0	1	0	1	0	3	-	0	-	-	-	
	600	99	9	600	14.4	5.4	9.9	-	24.4	14	-1.7	19,20	-	-	2.39	98	.64	16	12	10	1	0	0	0	1	0	2	-	0	-	-	-	
Selkirk	Bowhill	99	9	560	14.1	5.2	9.7	-	25.0	14	-2.2	20	-	-	2.51	100	.80	16	17	10	2	0	0	0	1	1	3	-	0	-	-	-	
Roxburgh	Wauchope	99	9	900	13.0	5.2	9.1	-	24.4	14	-2.8	19	-	-	2.24	-	.37	26	17	13	1	1	0	0	0	0	1	7	0	3.95	-	-	
	Sourhope	99	9	900	13.0	5.2	9.1	-	24.4	14	-2.8	19	-	-	2.24	-	.37	26	17	13	1	1	0	0	0	0	1	7	0	3.95	-	-	
6a SCOTLAND, W.																																	
Argyll	Tiree	21-9	29	12.0	7.6	9.8	-0.3	15.1	13	2.1	19	-	-	1.78	70	.31	21	19	12	0	0	0	0	0	2	0	3	1	4.56	60	-	-	
	Rhuvaal	21-9	65	12.4	7.5	9.9	-	19.2	13	2.5	20	-	-	2.74	84	.66	24	14	12	0	0	0	0	0	2	0	0	0	-	-	-	-	
	Colonsay	99	9	87	13.1	7.2	10.1	-0.2	19.4	13	0.6	20	-	-	2.57	86	.35	24	19	11	0	-	1	0	1	1	0	-	0	-	-	-	
	Tobermory	99	9	270																													
	Craighouse	99	9	10	13.7	7.4	10.5	-	(20.6)	14	2.2	19,20	-	-	2.81	-	.51	14	18	12	-	0	-	-	-	0	0	1	-	-	-	-	
	Machrihanish	99	9	33	12.9	7.4	10.1	-	17.8	14	0.5	20	-	-	2.67	-	.59	14	15	13	0	0	0	0	1	1	0	2	1	5.42	-	-	
	Campbeltown	99	9	10	13.2	6.9	10.1	-	18.9	13	1.1	20	-	-	2.73	-	(.61)	14	15	12	0	0	0	0	1	8	0	0	2	0	5.68	-	-
	Achaglachgach	99	9	40	14.2	6.3	10.3	-	21.1	14	-1.7	19,20	-	-	3.71	106	.80	14	21	19	0	-	0	0	3	0	2	4	0	-	-	-	
	Lephlmore	99	9	30	14.2	7.0	10.6	-	20.6	13,14	0.0	19,20	-	-	3.96	102	.64	14	18	14	0	0	0	0	1	0	4	0	4.55	-	-	-	
	Glenbranter	99	9	120	14.2	6.4	10.4	+0.2	22.2	14	-2.2	19	-	-	5.27	108	.88	22	20	16	-	0	-	-	0	2	3	-	-	-	-		
	Benmore																																
	Forestry Sch.	99	9	46	14.2	5.9	10.1	-0.2	23.3	14	-1.7	19	10.4	8.8	5.54	-	.66	22	19	18	0	0	0	0	2	0	2	5	0	3.75	-	S	
	Younger B.G.*	99	9	40	13.8	6.6	10.2	-	23.3	14	-0.6	19	-	-	5.53	112	.65	22	20	18	0	0	0	0	2	0	1	4	0	-	-	-	
Bute	Rothsay	99	9	150	13.6	7.3	10.5	-0.1	20.6	14	1.7	19	10.1	8.6	3.43	98	.54	22	18	15	0	0	0	1	4	0	0	2	0	4.52	71	-	
	Millport	99	9	16	13.4	8.1	10.7	-	20.0	14	2.8	19	-	-	2.90	101	.42	22	17	15	0	0	0	0	2	0	0	-	-	-	-	-	
Dunbarton	Finnart	99	9	50	13.7	6.3	10.0	-	20.0	14	0.6	19	-	-	4.16	-	1.01	22	18	17	0	0	0	0	2	-	0	-	1	-	-	-	
	Helensburgh	99	9	293	13.8	6.4	10.1	-0.2	22.2	14	-0.6	19	-	-	5.26	120	.73	22	19	16	0	0	0	0	2	0	1	-	0	4.24	71	S	
	Cumbernauld	99	9	310	14.0	5.7	9.9	-	23.3	14	0.6	18,19	-	-	2.90	-	.45	17	16	14	1	0	1	0	2	0	0	-	-	-	-	-	
Stirling	Earls Hill	99	9	1100	11.8	4.2	8.0	-	22.3	14	-1.0	19	-	-	3.42	-	.43	7	20	15	-	-	-	-	6	1	4	-	4.58	-	-		
	Stirling	99	9	151	14.4	6.9	10.7	-0.2	25.0	14	1.7	18,19	12.3	8.2	2.51	96	.34	17	16	13	0	0	2	0	2	0	0	0	0	5.07	-	-	
	Falkirk	99	9	100	14.4	6.5	10.5	-0.2	25.6	14	0.6	18	-	-	2.27	87	.41	17	15	13	-	-	-	-	-	0	-	-	-	-	-		
Renfrew	Greenock	99	9	200	13.9	7.3	10.6	-0.4	21.7	14	2.2	19	-	-	3.61	101	.62	22	19	15	0	0	1	0	1	0	0	0	4.44	-	-		
	Paisley	99	9	106	14.7	7.6	11.1	-0.2	23.9	14	2.2	19	11.6	8.9	3.40	121	.56	16	16	14	1	0	1	1	2	0	0	1	0	4.34	75	-	
	Barrhead	99	9	97	14.3	6.4	10.3	-	22.8	14	0.0	19,20	-	-	2.64	92	.33	7	15	13	1	0	1	0	3	0	0	0	-	-	-	-	
	Renfrew	21-9	9	26	14.7																												



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER								BRIGHT SUNSHINE								
			Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n (0.1 in. (0.2 mm) or more)	Snow or Sleet	Snow lying at 9h	Ice or snow pellets etc.	Thunder heard	Fog at 9h	Air Frost	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average						
			A	B			Maximum	Date	Minimum	Date					Amount	Date																	
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%					
4 MIDLAND COUNTIES—cont.																																	
Yorks.,	Huddersfield	9 9	325	15.6	7.3	11.5	+0.7	26.7	13	0.0	19	11.1	9.1	1.77	-	.49	17	15	9	-	0	0	0	0	0	0	0	1	2	-	4.36	89	
W. Riding—	Oakes	21-9	761	14.5	6.7	10.6	+0.1	26.3	13	0.1	19	10.0	8.0	2.43	91	.53	8	19	11	1	0	0	0	2	0	0	2	1	0	3.98	77		
—cont.	Bradford	9 9	439	14.7	7.0	10.9	+0.3	25.0	13,14	0.0	19,20	10.5	8.3	1.84	75	.36	17	16	11	1	0	1	0	0	0	0	0	0	0	0	-	-	S
	Ilkley	9 9	315	15.4	6.9	11.1	+0.3	26.7	13	0.0	19	-	-	1.93	74	.48	8	11	11	0	0	0	0	0	0	0	0	1	0	0	4.53	81	
	Sheffield	9 9	429	15.2	7.6	11.4	+0.1	26.7	14	0.6	19	11.2	8.8	2.69	117	.62	8	15	13	0	0	0	0	2	0	0	0	0	0	0	4.42	85	
	Wakefield	9 9	121	17.1	6.8	11.9	+0.4	27.8	13,14	-0.6	19	11.0	8.9	1.76	79	.32	17	17	16	0	0	0	0	0	2	0	1	5	0	-	-	-	
	Pontefract	9 9	255	15.0	7.6	11.3	+0.4	25.0	13,14	1.1	19	-	-	1.42	71	.33	17	16	8	0	0	0	0	2	0	1	0	0	0	-	-	-	
	Bramham	9 9	177	15.3	6.1	10.7	-	25.6	13	-0.6	19	-	-	1.54	72	.45	17	16	10	0	0	1	0	0	0	0	2	5	0	4.70	-	-	
	Cawood	9 9	20	15.9	6.4	11.1	-	26.1	13,14	0.0	1,19	11.4	9.7	1.44	72	.40	3	13	8	0	0	0	0	2	0	0	0	0	0	5.30	-	-	
	Askham Bryan	9 9	110	16.1	6.4	11.3	-	25.6	14	-1.1	1	-	-	1.83	87	.43	23	13	11	0	0	0	0	0	1	0	1	3	0	5.14	90		
Derby	Buxton	9 9	1007	13.3	6.2	9.7	+0.3	24.4	14	-1.1	19,20	10.2	8.4	4.45	154	1.48	8	16	11	0	0	0	0	0	1	1	2	2	0	3.38	64		
	Chapel en le Frith	9 9	732	-	-	-	-	-	-	-	-	-	-	3.86	-	1.33	8	18	15	0	0	0	0	0	0	0	2	4	0	-	-	-	
	Mackworth	9 9	293	15.4	6.4	10.9	-	25.6	14	-1.7	20	-	-	2.36	-	.45	24	13	12	-	-	-	-	-	-	-	2	1	-	-	-	-	
	Belper	9 9	203	16.1	6.8	11.5	+0.2	26.7	14	1.1	19,20	-	-	2.26	102	.50	8	14	10	0	0	0	0	0	1	-	2	-	0	-	-	-	
	Derby	9 9	159	16.1	7.8	11.9	-	27.2	14	-0.6	20	-	-	2.06	-	.39	8	17	12	0	0	0	0	0	2	0	1	1	0	5.47	-	-	
	Morley	9 9	350	-	7.1	-	-	26.1	14	0.0	19,20	-	-	2.13	96	.41	16	16	11	0	0	0	0	2	-	0	3	0	5.00	-	-	-	
	Chesterfield	9 9	298	15.8	6.6	11.2	-	27.8	14	0.6	20	-	-	2.85	-	.64	8	16	11	0	0	0	0	0	1	0	1	-	0	-	-	-	
Nottingham	Sutton Bonington	9 9	157	15.6	6.4	11.0	-0.1	25.6	14	-1.7	19	11.1	9.7	1.45	78	.22	3,8	19	10	0	0	0	0	0	0	0	2	7	0	5.16	91		
	Watnall	21-9	385	15.9	7.2	11.5	-	27.6	14	-0.2	19	-	-	1.87	90	.35	8	18	13	0	0	0	0	2	0	0	1	3	0	4.80	83		
	Nottingham T.C.**	9 9	169	16.3	7.3	11.8	-	27.8	14	0.6	20	-	-	1.69	-	.30	3	19	10	-	-	-	-	-	-	-	0	3	-	4.75	-	-	
	Mansfield	9 9	362	15.4	7.6	11.5	+0.3	27.8	14	0.6	1	11.9	-	2.08	97	.48	16	16	11	0	0	0	0	0	0	0	0	2	0	-	-	-	
	Nottingham	9 9	192	15.9	8.4	12.1	+0.4	26.7	14	0.6	20	11.8	9.9	1.77	89	.34	3	16	10	0	0	0	0	2	0	0	2	0	5.20	98			
	Warsop	9 9	150	15.7	5.7	10.7	-	25.0	14	-2.8	20	-	-	2.08	116	.50	8	16	12	0	0	0	0	0	0	3	6	0	5.13	-	-		
	Finningley	21-9	34	16.0	7.5	11.7	+0.2	26.0	14	1.5	19	-	-	2.19	-	.47	16	17	12	0	0	0	0	3	0	0	3	0	5.19	-	-		
Leicester	Newtown Linford	9 9	392	15.4	6.7	11.1	-	25.6	14	-0.6	20	-	-	1.50	-	.20	3,8	17	12	0	0	0	0	0	0	0	1	6	0	4.59	-	-	
	Caldecott	9 9	175	16.4	6.4	11.4	-	26.1	14	-2.2	20	-	-	1.34	-	.25	2	18	12	-	-	-	-	-	-	2	3	-	5.14	-	-		
Northampton	Bugbrooke Mills	9 9	228	15.4	5.7	10.5	-	25.0	14	-1.7	20	11.4	9.5	1.59	-	.30	20	18	12	-	-	-	-	-	0	2	-	5.11	-	-			
	Raunds	9 9	193	16.5	6.9	11.7	-	27.2	14	0.0	20	11.8	9.2	1.36	70	.28	17	18	12	0	0	0	0	1	0	1	4	0	4.99	-	-		
	Wittering	21-9	212	16.0	7.4	11.7	-	25.7	14	0.6	20	-	-	1.41	-	.28	4	19	13	0	0	0	0	1	0	4	0	5.83	-	-			
Warwick	Birmingham K.E.S.*	9 9	450	15.4	7.4	11.4	-	25.0	14	1.1	19	-	-	2.30	-	.34	24	16	13	0	0	2	0	2	0	0	0	0	-	-	-		
	Edgbaston	21-9	536	15.3	8.0	11.7	+0.3	25.4	14	2.7	19	9.4	8.9	2.01	78	.27	24	18	14	0	0	2	0	2	0	0	2	0	4.87	90			
	Luddington	9 9	138	16.6	7.1	11.9	-	26.7	14	0.0	19,20	-	-	1.32	64	.19	16	17	15	0	0	1	0	0	0	2	4	0	5.67	-	-		
	Stratford on Avon	9 9	180	16.6	6.7	11.7	-	26.7	14	-1.1	19,20	13.5	-	1.50	75	.23	4	17	13	0	0	0	0	0	0	2	4	0	5.20	-	-		
	Elmdon	21-9	319	15.9	7.1	11.5	-	25.6	14	-1.8	19	-	-	1.78	78	.24	8	16	12	0	0	0	0	2	0	2	4	0	5.38	-	-		
	Shipston on Stour	9 9	365	15.7	7.1	11.4	-	25.0	14	1.1	19	11.3	-	1.95	-	.29	17	17	12	0	0	0	0	1	0	0	6	-	5.56	-	-		
	Wellesbourne	9 9	153	16.0	6.8	11.4	-	25.0	14	0.6	19,20	12.1	10.3	1.68	78	.22	16	17	13	0	0	0	0	1	0	0	2	5	0	4.95	-	-	
	Moreton Morrell	9 9	280	16.2	7.3	11.7	-	25.6	14	1.1	19,20	-	-	1.59	-	.25	26	16	15	0	0	0	0	0	0	3	1	5.20	-	-			
	Coventry	9 9	338	16.3	7.5	11.9	+0.6	26.7	14	0.6	19	11.4	9.1	1.69	78	.26	22	18	13	0	-	0	0	0	0	0	2	0	4.28	78			
	Rugby	9 9	385	15.7	7.3	11.5	+0.4	25.6	14	0.6	19	12.1	10.4	1.46	-	.16	24	19	14	-	-	-	-	-	-	0	0	-	-	-			
Oxford	Oxford	9 9	208	16.3	8.4	12.3	+0.3	27.2	14	2.8	19,20	13.2	10.9	2.50	123	.68	17	19	15	0	0	0	2	0	0	2	0	5.79	95				
Buckingham	Medmenham	9 9	98	16.4	6.2	11.3	-	26.7	14	-1.7	20	-	-	1.48	-	.23	17	14	11	-	-	-	-	-	2	12	-	-	-				
	Grendon Underwood	9 9	220	15.9	6.0	10.9	-	26.7	14	-1.7	20	12.3	9.8	2.67	-	.67	17	17	11	0	0	0	0	0	0	2	4	0	5.41	-	-		
	Bletchley	9 9	281	16.4	7.7	12.1	-	27.2	14	0.6	20	-	-	1.98	-	.31	24	17	13	0	0	0	0	2	0	0	0	-	-	-			
	Aylesbury	9 9	316	15.8	6.9	11.3	-	26.7	14	0.0	20	-	-	1.58	78	.32	4	15	14	0	0	0	0	1	0	1	6	0	5.45	-	-		
Stafford	Keele	9 9	587	14.3	6.9	10.6	-	23.3	14	1.1	19,20	10.9	8.4	2.88																			

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, MAY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE	
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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
			A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum					Date	Amount	Date	-0.1in. (0.2mm.) or more											
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr
5 ENGLAND, S.E.—cont.																												
Surrey																												
-cont.																												
Kent																												
Sussex																												
Berkshire																												
Hampshire																												
I. of Wight																												
Wiltshire																												
7a ENGLAND, N.W.																												
Cumberland																												
Westmorland																												

\*\* Sunshine read at Bracknell (Easthampstead)

\* Seed Trial Grounds

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

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days								BRIGHT SUNSHINE					
			Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost +	Grass min. below	Gale	Daily Mean	Percentage of Average		
			A	B			Maximum	Date	Minimum	Date					Amount	Date													0 in. (0.2mm.) or more	0.1 in. (1.0mm.) or more
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	°C.	°C.	in.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	hr	%
7a ENGLAND, N.W.—cont.																														
Lancashire	Squires Gate ...	21-9	33	15.2	7.2	11.2	+0.3	25.1	13	-0.3	19	-	-	3.22	137	.65	8	15	13	0	0	0	1	2	0	1	2	0	5.43	78
	Urswick ...	9 9	130	15.3	7.2	11.3	-	24.4	13,14	-0.6	19	-	-	3.27	110	.63	8	16	14	0	0	0	2	0	1	1	0	-	-	-
	Southport ...	9 9	16	14.9	7.2	11.1	-	25.0	13	0.0	19	11.9	9.4	3.10	134	.76	8	14	11	-	-	-	-	-	-	0	2	-	5.15	-
	Poulton-le-Fylde ...	9 9	38	14.6	7.2	10.9	-	25.0	13	0.0	19,20	-	-	3.19	121	.60	8	13	13	0	0	0	1	0	0	0	0	-	-	-
	Grizedale ...	9 9	300	14.2	5.8	10.0	-	22.8	13	-2.2	19,20	-	-	4.97	-	.92	6	18	15	0	0	0	0	0	0	2	3	0	-	-
	Speke ...	21-9	80	15.8	8.6	12.2	-	25.1	13	2.1	19	-	-	3.02	132	1.05	8	17	11	0	0	1	0	0	0	0	1	0	5.02	-
	Kirkham ...	9 9	78	15.1	6.8	10.9	-	25.0	13	-1.1	19	-	-	2.57	102	.70	8	14	12	0	0	0	0	1	0	1	4	0	5.32	-
	Garstang ...	9 9	68	14.7	7.3	11.0	-	23.9	13	-0.6	19	-	-	2.88	121	.73	8	14	13	0	0	-	-	-	0	1	2	-	4.72	-
	Morecambe ...	9 9	24	14.8	8.6	11.7	+0.1	24.4	13	2.8	19,20	-	-	2.69	104	.56	8	14	12	0	0	0	0	0	0	0	0	-	5.20	77
	Penketh ...	9 9	50	15.8	7.4	11.6	-	25.6	13,14	0.0	19,20	11.6	9.4	2.71	-	.94	8	16	14	0	0	1	0	2	0	2	5	0	4.97	-
	Preston ...	9 9	108	15.3	7.6	11.5	-	25.0	13	-0.6	19	-	-	2.83	108	.71	8	16	12	0	0	1	1	2	0	1	3	0	-	-
	Stonyhurst ...	9 9	377	14.8	6.9	10.9	0.0	25.0	13,14	0.0	19	-	-	2.89	104	.84	8	15	13	-	-	-	-	-	0	1	3	-	4.93	80
	Manchester W/Centre ...	9 9	854	13.6	6.3	9.9	-	23.9	14	-0.6	19	9.6	-	4.28	118	.74	8	18	15	-	-	-	-	-	1	1	4	-	4.33	-
	Helmshore ...	9 9	655	13.9	8.1	11.0	-	25.0	14	-1.7	19	9.6	7.8	3.25	-	.74	8	20	11	0	0	1	1	1	2	3	0	4.04	-	
	Burnley ...	9 9	540	14.1	6.8	10.5	-	25.0	14	-0.6	19	10.6	8.0	2.99	110	.72	8	16	10	-	-	-	-	-	0	1	-	-	4.09	- S
	Nelson ...	9 9	362	14.8	6.7	10.7	-	25.0	14	-1.1	20	-	-	3.76	128	.80	8	17	14	0	0	0	0	3	0	2	0	-	-	-
	Rochdale ...	9 9	198	14.9	8.7	11.8	+0.5	25.0	13	5.0	19,20	-	-	3.92	173	1.11	17	15	11	-	-	-	-	0	0	0	-	5.76	92	
Cheshire	Bidston Obs'y. ...	9 9	65	16.3	8.5	12.4	-	25.6	13,14	1.1	19	-	-	3.18	144	1.02	8	19	12	0	0	0	0	3	0	0	1	0	-	-
	Winnington ...	9 9	212	16.3	7.6	11.9	-	26.7	14	0.6	19,20	12.1	8.8	3.36	141	1.14	8	16	13	-	-	-	-	-	-	0	6	-	-	-
	Knutsford ...	9 9	212	16.3	7.6	11.9	-	26.7	14	0.6	19,20	12.1	8.8	3.36	141	1.14	8	16	13	-	-	-	-	-	-	0	6	-	-	-
	Ringway ...	21-9	248	15.2	8.1	11.7	+0.6	24.9	14	1.1	19	-	-	2.84	127	1.08	8	14	12	0	0	0	0	2	0	0	1	0	4.66	82
	Macclesfield ...	9 9	500	15.1	7.5	11.3	+0.2	26.1	14	1.1	19,20	-	-	3.88	155	1.16	8	15	13	0	0	1	0	2	0	0	0	-	-	-
7b NORTH WALES																														
Flint	Rhyl ...	9 9	31	15.2	8.2	11.7	+0.4	25.6	13	2.2	19	-	-	2.44	114	1.21	8	14	9	0	0	0	0	1	0	0	1	0	5.47	84
	Prestatyn ...	9 9	12	15.2	8.1	11.7	-	25.6	13	2.8	20	-	-	2.53	113	1.13	8	15	10	0	0	0	0	1	0	0	0	-	4.69	75
	Hawarden Bridge ...	9 9	17	16.2	8.1	12.1	+0.5	25.0	13	0.6	20	-	-	3.15	149	.95	8	16	9	0	0	0	0	0	0	0	0	-	-	-
Anglesey	Valley ...	21-9	33	14.1	7.9	11.0	0.0	20.8	13	0.9	20	-	-	2.25	100	.52	8	13	8	0	0	0	0	0	0	0	2	0	6.31	88
Denbigh	Colwyn Bay ...	9 9	118	14.8	8.5	11.7	+0.4	24.4	13	3.3	19,20	12.1	-	1.96	94	.83	8	12	9	0	0	0	0	0	0	0	-	5.24	78	
	Alwen ...	9 9	1100	13.2	4.7	8.9	-	23.9	13	-5.0	20	-	-	3.28	106	.93	8	18	12	-	-	-	-	-	3	5	-	-	-	
	Ruthin ...	9 9	248	15.1	6.4	10.7	-	25.0	13,14	-2.2	20	-	-	2.53	-	.66	8	12	10	-	-	-	-	0	2	-	-	4.79	-	
	Loggerheads ...	9 9	690	14.2	6.1	10.1	-	25.0	13	-2.2	20	10.3	9.1	3.76	-	1.17	17	18	12	0	0	0	1	0	1	3	0	-	-	
	Bwlchgwyn ...	9 9	267	12.9	5.6	9.3	-	22.2	13	0.6	19	8.8	-	3.90	124	.91	2	18	14	0	0	0	0	1	0	4	-	-	-	
	Wrexham ...	9 9	275	15.6	7.7	11.7	-	24.4	13	-0.6	20	11.1	9.2	2.96	133	.72	2	15	12	0	0	0	0	0	0	1	6	-	-	
Caernarvon	Bardsey Island ...	21-9	61	12.8	8.6	10.7	-	18.5	12	4.2	20	-	-	1.46	-	.44	2	16	12	-	-	-	-	2	0	1	-	-	-	
	Botwnnog ...	9 9	112	14.4	7.3	10.9	-	22.2	13	0.6	19,20	12.6	10.4	2.12	-	.43	2	17	12	0	0	0	0	1	0	4	0	6.27	-	
	Bryn Adda ...	9 9	275	15.0	7.9	11.5	-	23.9	13	0.6	20	-	-	2.74	93	.69	8	13	9	0	0	0	0	0	0	3	0	5.61	-	
	Cwm Dylli ...	9 9	324	14.7	-	-	-	24.4	12,14	-3.3	20	10.7	-	6.05	83	1.41	8	18	17	-	-	-	-	1	2	6	-	-	-	
	Aber ...	9 9	60	14.8	8.4	11.6	+0.3	22.8	13	2.2	19,20	-	-	2.91	111	.75	8	13	9	0	0	0	0	0	0	3	0	5.17	78	
	Llandudno ...	9 9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merioneth	Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	5.99	-	1.29	8	17	17	-	-	-	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog ...	9 9	750	13.6	-	-	-	24.4	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen ...	9 9	473	14.9	6.6	10.7	-	25.6	13	-3.9	20	-	-	3.36	111	.99	8	15	10	0	0	0	0	1	-	2	3	-	-	
Montgomery	Ceinws ...	9 9	200	15.6	6.2	10.9	-	26.1	13,14	-3.9	20	-	-	6.21	-	1.57	8	17	15	-	-	-	-	0	2	4	-	-	-	
	Lake Vyrnwy ...	9 9	995	13.2	5.8	9.5	-	23.3	13	-1.7	20	9.9	-	6.14	168	1.74	8	19	17	0	0	1	0	1	0	2	12	0	-	-
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	378	14.2	8.2	11.2	+0.6	23.0	13	2.8	19	-	-	1.35	57	.32	2	13	9	0	0	0	0	0	0	0	2	1	5.79	-
	Aberystwyth ...	9 9	12	16.2	7.9	12.1	+0.7	26.7	13	4.4	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	5.50	85	
	P.B.S.* ...	9 9	452	14.2	7.4	10.8	-0.1	24.4	14	-0.6	19	-	-	2.32	98	.37	22	17	11	0	0	0	0	0	1	1	2	0	5.06	79
	Gogerddan ...	9 9	103	15.0	7.5	11.3	-	25.0	13,14	-1																				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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			
			A	B			Maximum	Date	Minimum	Date					Amount	Date	-0.1mm. or more	-0.1mm. or more													
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	
<b>8b ENGLAND, S.W.—cont.</b>																															
Devon																															
Clawton ...	9 9	412	15.3	6.6	10.9	-	23.3	13	-1.1	19,20	-	-	3.13	-	.86	16	18	14	0	0	0	0	0	1	0	2	0	0	0	0	
Hartland Point ...	21-9	298	13.2	8.7	10.9	-	23.4	13	5.3	20	-	-	2.00	90	.40	23	15	12	0	0	0	0	0	0	3	0	0	0	0	0	
Mount Batten ...	21-9	87	14.3	8.6	11.5	-0.2	23.1	13	1.4	19	-	-	2.38	97	.44	2	15	13	0	0	0	0	0	0	0	0	2	0	0	0	
Plymouth, The Hoe	9 9	119	14.9	8.8	11.9	-0.3	23.9	13	1.7	19	12.6	11.1	2.54	107	.45	2	15	13	0	0	0	0	1	0	0	2	0	0	0	0	
Tavistock ...	9 9	457	15.2	7.6	11.4	0.0	23.9	13	-1.1	19	-	-	4.14	-	1.34	16	17	11	0	0	1	0	0	0	0	1	4	0	0	0	
Chivenor ...	21-9	20	15.6	8.4	12.0	-	24.1	14	0.7	19	-	-	2.08	99	.72	23	16	12	0	0	0	1	1	0	0	1	1	5.85	-	-	
Ilfracombe ...	9 9	25																													
Princetown ...	9 9	1359	12.6	6.5	9.5	-	22.2	14	0.6	19	-	-	5.12	-	.80	3	14	14	-	-	-	-	-	0	-	-	-	-	-	-	
Totnes ...	9 9	120	15.6	7.1	11.3	-	22.8	14	-1.1	20	12.4	10.1	2.31	78	.44	2,3	17	12	0	0	0	0	0	0	1	5	0	0	0	0	
Slapton ...	9 9	104	14.8	8.0	11.4	-	21.7	14	1.7	20	-	-	2.42	-	.48	2,22	16	11	0	-	0	0	0	1	0	0	0	0	0	0	0
Newton Abbot ...	9 9	272	15.1	7.4	11.3	-0.3	23.3	14	1.1	19,20	-	-	2.38	94	.40	3	16	13	0	0	0	0	0	0	0	2	0	0	0	0	
Paignton ...	9 9	8	15.6	8.6	12.1	-	22.8	14	3.3	19,20	-	-	1.80	72	.37	2	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0
Torquay ...	9 9	26	15.3	8.7	12.0	-0.1	23.4	14	2.8	19	11.7		1.57	69	.36	22	13	10	0	0	0	0	0	0	0	0	0	1	6.67	93	
Teignmouth §§	9 9	20	15.1	8.7	11.9	-0.2	18.3	15	2.8	20	-	-	1.65	73	.39	22	15	10	0	0	1	0	0	0	0	0	0	0	0	0	0
Starcross ...	9 9	29	14.8	7.7	11.3	-	18.9	15	1.1	20	12.6		2.14	93	.40	22	16	11	0	0	0	0	0	0	0	0	2	0	0	0	0
Exeter, Southam	9 9	160	15.5	7.6	11.5	-	23.3	14	0.0	20	-	-	1.81	-	.42	22	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0
Exmouth ...	9 9	195	14.4	7.8	11.1	-0.2	21.1	14	1.7	19	-	-	2.90	124	1.19	17	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0
Exeter ...	21-9	106	15.5	7.6	11.5	-	23.6	14	-0.2	19	-	-	1.94	88	.44	22	16	12	0	0	0	1	0	0	2	3	0	0	0	0	
Sidmouth ...	9 9	25	14.4	8.1	11.3	-0.1	18.3	14	1.7	20	-	-	.63	22																	
St. Mary's, Scilly	21-9	158	13.8	9.4	11.6	-0.1	16.7	13	5.8	20	-	-	2.47	114	.56	19	17	12	0	0	0	0	0	0	4	0	-	1	5.70	75	
Penzance ...	9 9	62	14.5	8.6	11.5	-0.7	17.2	12,13	-0.6	20	-	-	2.94	121	.63	23	19	12	0	0	0	0	0	0	0	0	2	0	0	0	
Gulval ...	9 9	50	14.2	8.8	11.5	-0.4	18.3	12	3.3	19,20	-	-	2.69	115	.54	23	15	12	-	-	-	-	0	0	0	1	-	5.67	79		
Culdrose ...	9 9	268	14.1	8.1	11.1	-	18.9	13,14	2.2	20	-	-	2.37	111	.43	22	14	13	0	0	0	0	0	0	0	2	0	0	0	0	
Rosewarne ...	9 9	250	14.2	8.3	11.3	-	20.6	14	2.2	20	12.2	11.0	2.65	114	.55	23	17	15	0	0	0	0	0	0	0	2	1	5.56	-	-	
Lizard ...	9 9	240	13.5	8.2	10.9	-0.5	16.8	15	3.8	19	-	-	1.83	92	.55	16	18	13	0	0	0	0	1	1	0	-	1	6.27	-	-	
Falmouth §§	9 9	167	14.2	(8.8)	(11.5)	(-0.4)	17.8	14	(2.2)	19,20	-	-	2.77	107	.51	16	16	13	0	0	1	0	0	0	0	2	0	0	0	0	
Newquay ...	9 9	176	14.3	8.7	11.5	0.0	20.6	14	1.7	19,20	-	-	2.17	99	.47	23	16	13	0	0	0	0	0	0	0	0	0	0	0	0	
St. Mawgan ...	21-9	337	14.1	8.3	11.2	-	20.0	13	3.2	19,20	-	-	2.31	95	.40	2	16	13	0	0	0	0	0	0	0	1	0	0	0	0	
St. Austell ...	9 9	310	14.3	8.3	11.3	-	17.2	10,29	2.8	19	-	-	3.54	116	.66	2	15	13	0	0	0	0	0	1	0	0	0	0	0	0	
Fowey ...	9 9	51	14.7	8.6	11.7	-0.4	17.8	13,14	-0.8	19	-	-	3.37	-	.76	24	15	14	0	0	0	0	0	0	1	-	0	0	0	0	
Bude ...	9 9	50	14.7	8.3	11.5	+0.1	24.4	13	-0.6	19	11.2		1.98	94	.44	23	17	12	0	0	0	0	0	0	1	-	0	0	0	0	
Ellbridge ...	9 9	190	15.1	7.9	11.5	-0.2	23.3	13	-0.6	19	-	-	3.98	153	1.14	16	17	14	0	0	0	0	0	0	1	3	0	0	0	0	
<b>9 NORTHERN IRELAND</b>																															
Londonderry																															
Loughmore Forest	9 9	570	14.1	6.8	10.2	-	23.3	13	-3.3	19,20	-	-	3.52	-	.62	17	18	15	0	0	0	0	1	0	2	3	0	-	-	-	
Ballykelly §§	21-9	6	14.7	7.9	11.3	+0.6	24.6	13	-1.3	19	12.0	9.5	2.22	95	.32	17	15	12	0	0	1	0	0	0	2	2	0	0	0	0	
Derrynoyd Forest	9 9	290	14.7	6.8	10.7	-	22.8	13	-1.7	20	-	-	2.84	-	.42	6	21	15	1	0	0	0	0	0	0	2	3	0	-	-	
Somerset Forest	9 9	140	14.1	6.1	10.1	-	22.8	13	-2.8	20	-	-	1.94	-	.32	6	16	14	0	0	0	0	0	0	0	2	2	0	-	-	
Garvagh Forest	9 9	290	14.2	6.4	10.3	-	22.8	13	-2.2	20	-	-	3.61	-	.73	6	18	16	0	0	1	0	0	0	0	2	5	0	-	-	
Moneydig §	21-9	112	14.6	6.8	10.7	+0.3	22.5	13	-2.5	20	11.8		3.02	109	.56	6	18	13	0	0	0	0	0	0	2	3	0	-	-		
Portrush ...	9 9	17											2.47	-	.42	25	18	15	-	-	-	-	-	-	-	-	-	-	5.23	-	
Lisnafillin ...	9 9	124	14.2	6.3	10.3	-	22.2	13	-2.8	19,20	-	-	1.90	-	.35	6	19	14	0	0	0	0	0	0	0	2	2	0	0	0	
Aldergrove §§	21-9	225	14.6	7.0	10.8	+0.3	22.3	13	-1.3	19	11.3	8.7	2.28	-	.31	7	20	14	0	0	1	0	0	1	0	2	4	0	0	0	
Greenmount ...	9 9	105	14.8	7.3	11.1	-	22.8	13	-1.7	19	11.6		1.77	-	.33	6	22	11	0	0	0	0	0	0	2	4	-	-	-		
Parkmore Forest	9 9	770	12.1	6.1	9.1	-	21.7	13	-2.2	20	8.9		2.98	-	.59	6	22	19	0	0	0	0	0	0	0	2	3	0	-	-	
Black Mountain	21-9	969	12.3	5.6	8.9	-	19.8	13	-1.3	20	-	-	3.15	-	.58	6	20	15	0	0	0	0	1	8	1	-	2	-	-		
Ballypatrick Forest	9 9	500	12.8	5.9	9.3	-	22.8	13	-1.7	19,20	-	-	2.29	-	.37	17	18	13	0	0	0										

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS MAY, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																					
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																
										0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.					
			ft.	mb.	°C	°C	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	7	8	9	10	11	12	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
0 SCOTLAND, N.		G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	34 or more	7	8	9	10	11	12	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
Zetland	Lerwick Observatory	H	3	273	1014.0	-	5.6	0.4	8.6	94	7.1	0	1	2	10	14	4	0	0	0	0	3	6	6	8	4	0	1	15	14	1	7	4	3	9	3	1	0	3			
			9	273	1014.2	-0.1	7.2	0.9	8.8	87	7.4	0	0	0	3	7	18	3	0	2	0	1	0	2	6	6	9	5	0	6	16	8	1	7	5	5	8	3	0	0	2	
			15	273	1014.3	-	7.6	1.1	8.7	84	6.8	0	1	4	11	13	2	0	2	0	0	0	1	5	6	11	6	0	2	20	9	0	6	3	8	9	3	0	1	1	0	
			21	273	1014.4	-	6.0	0.6	8.5	91	6.8	0	2	3	12	13	1	0	1	0	2	0	1	4	9	11	3	0	1	16	12	2	7	3	5	8	4	0	0	2	0	
			3	86	1013.4	-	6.7	0.5	9.1	92	6.6	0	3	3	10	14	1	0	0	1	0	0	0	3	12	3	5	5	0	1	15	15	0	6	1	6	7	3	1	5	2	2
Orkney	Kirkwall ...	H	9	86	1013.5	-	8.2	1.0	9.3	85	6.6	0	3	3	9	15	1	0	0	1	0	0	11	7	5	7	0	2	22	7	0	9	3	4	8	3	0	2	2	2		
			15	86	1013.6	-	8.8	1.4	9.2	81	6.8	1	0	4	10	16	0	0	1	0	1	0	1	9	7	7	6	0	4	18	9	0	5	4	5	8	3	0	1	5		
			21	86	1013.8	-	7.0	0.7	8.9	88	6.7	0	1	5	10	13	2	0	1	1	1	1	1	5	7	9	5	0	2	18	10	1	5	3	4	9	1	1	2	5		
			3	121	1013.1	-	6.8	0.5	9.1	92	6.3	1	4	1	12	10	3	0	1	2	0	1	1	11	4	9	2	0	2	8	21	0	3	2	8	5	3	1	5	4		
			9	121	1013.3	-1.0	8.2	0.9	9.6	88	6.7	0	2	5	8	12	4	0	0	1	3	0	1	9	4	7	6	0	1	17	14	0	6	2	4	9	1	0	3	6		
Caithness	Wick ...	H	15	121	1013.2	-	8.9	1.4	9.3	82	6.7	0	4	2	7	17	1	0	0	1	0	1	4	9	7	6	0	1	20	10	0	6	2	6	7	3	0	1	6			
			21	121	1013.4	-	7.2	0.7	9.1	89	6.6	0	3	2	14	10	2	0	2	0	1	1	3	7	8	2	0	2	13	14	2	4	1	6	9	1	0	2	6			
			3	371	1012.1	-	7.6	1.2	8.8	84	6.7	0	1	6	7	15	2	0	2	0	0	0	0	3	6	3	17	0	2	9	20	0	3	3	9	4	2	4	1	5		
			9	371	1012.4	-	8.5	1.3	9.2	83	6.5	1	3	5	4	14	4	0	4	0	2	0	2	3	5	15	0	0	13	15	3	4	2	6	3	2	3	4	4			
			15	371	1012.3	-	8.7	1.3	9.4	83	6.5	0	2	7	3	16	3	0	2	0	1	0	0	5	3	5	15	0	3	7	20	1	4	5	11	0	1	3	2	4		
Sutherland	Cape Wrath ...	H	21	371	1012.6	-	7.5	0.8	9.2	88	6.8	0	1	4	12	11	3	1	0	2	0	1	0	4	7	12	0	4	6	19	2	4	3	12	3	0	2	1	4			
			3	16	1012.9	-	7.3	0.6	9.5	92	5.8	2	4	3	11	11	0	0	0	0	0	0	0	7	6	15	3	0	1	8	18	4	5	4	4	3	4	0	6	1		
			9	16	1013.2	-0.7	9.0	0.9	10.1	87	6.3	1	3	4	9	14	0	0	0	0	0	0	0	1	8	11	3	0	2	12	17	0	3	5	4	5	9	0	2	3		
			15	16	1012.9	-	10.4	1.5	10.2	80	6.5	0	1	7	12	11	0	0	0	0	0	0	0	3	11	11	6	0	2	15	14	0	5	8	5	1	7	1	1	3		
			21	16	1013.3	-	8.5	0.8	10.0	89	6.5	1	2	3	10	15	0	0	0	0	0	0	0	7	15	4	5	0	0	11	19	1	8	5	5	4	2	0	4	2		
Ross & Cromarty	Stornoway	H	3	21	1012.3	-	7.9	0.7	9.8	91	6.2	0	6	2	7	15	1	0	0	0	0	1	2	14	7	6	0	1	13	16	1	6	3	5	2	0	3	1	6			
			9	21	1012.4	-	10.1	1.5	10.0	81	6.4	0	1	5	16	9	0	0	0	0	0	0	1	5	9	9	7	0	4	15	12	0	2	4	2	1	6	6	1			
			15	21	1012.4	-	11.1	1.7	10.5	79	6.6	0	1	4	18	7	1	0	0	1	0	1	3	10	9	7	0	3	22	6	0	4	2	1	6	6	1	6	5			
			21	21	1012.7	-	8.9	0.9	10.1	88	5.9	0	5	5	11	9	1	0	0	0	1	0	0	4	12	9	5	0	2	13	15	1	8	4	2	6	3	2	3	2		
			3	16	1012.9	-	7.3	0.6	9.5	92	5.8	2	4	3	11	11	0	0	0	0	0	0	0	7	6	15	3	0	1	8	18	4	5	4	4	3	4	0	6	1		
I SCOTLAND, E.	Moray	Kinloss ...	H	9	19	1013.4	-	7.2	1.0	8.8	86	6.4	2	1	2	16	10	0	0	1	0	0	3	0	4	11	6	6	0	0	13	15	3	1	0	8	2	2	6	5	4	
				15	19	1012.9	-	11.3	2.3	9.8	73	6.9	0	2	1	17	11	0	0	0	0	0	0	1	4	5	13	8	0	1	15	14	1	4	2	5	1	1	3	2	8	6
				21	19	1013.6	-	8.5	1.1	9.4	84	6.9	0	1	2	19	8	1	0	0	1	0	2	1	7	8	7	5	0	1	9	19	2	4	6	5	4	0	4	3	3	
				3	193	1013.1	-	6.0	0.6	8.6	90	6.5	1	2	2	13	12	1	0	3	1	1	2	3	8	5	3	0	0	10	14	7	5	0	3	3	2	1	4	6		
				9	193	1013.0	-1.8	9.2	1.6	9.2	79	6.5	0	2	6	12	9	2	0	2	0	2	0	3	6	3	9	6	0	0	18	10	3	4	1	4	3	4	1	3	8	
Aberdeen	Dyce ...	H	15	193	1012.7	-	10.6	2.0	9.6	75	6.6	1	2	2	12	13	1	0	0	0	2	0	3	5	7	6	8	0	1	21	9	0	11	1	3	7	4	1	0	4		
			21	193	1013.4	-	7.7	1.0	9.1	86	6.5	0	3	2	12	11	3	0	2	0	2	1	5	6	6	1	8	0	0	11	16	4	8	0	2	5	4	0	4	4		
			3	108	1013.2	-	6.8	0.8	8.8	89	6.4	1	0	6	13	6	5	0	1	1	3	1	2	6	17	0	0	0	1	17	12	1	4	0	5	3	8	1	6	3		
			9	108	1013.2	-	8.3	1.0	9.4	86	6.5	0	1	6	12	7	5	0	3	0	3	0	0	8	14	3	0	0	3	16	10	2	6	0	7	4	3	0	7	2		
			15	108	1013.2	-	9.3	1.1	10.1	86	6.4	0	2	5	15	4	5	0	2	0	3	0	0	4	19	3	0	0	3	16	12	0	6	0	9	4	2	1	5	4		
Fife	Leuchars ...	H	21	108	1013.3	-	7.7	1.0	9.0	85	6.2	0	3	6	12	5	0	3	1	0	1	0	8	18	0	0	0	2	18	10	1	7	1	5	6	4	1	2	4			
			3	38	1012.7	-	6.9	0.7	9.1	90	5.9	1	3	6	10	9	2	0	0	1	2	2	7	5	9	4	0	0	8	18												







Table with columns for Station, Maximum Temperature °C, Minimum Temperature °C, Station, Maximum Temperature °C, Minimum Temperature °C. Rows include Lerwick Observatory, Stornoway, Craibstone, etc.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MAY, 1965

Table with columns for Station, Total Radiation on a Horizontal Surface, Diffuse Radiation on a Horizontal Surface, Total Illumination on a Horizontal Surface. Rows include Lerwick Observatory, Eskdalemuir Observatory, etc.

TABLE I—DISTRICT VALUES — ADDITIONS AND CORRECTIONS (1908, revised 1928, 1941, 1956 and 1964)

Table with columns for Districts, Air Temperature, Earth Temp., Rain, Rain-fall, Sun-shine. Rows include 1963 Annual, 2 ENGLAND, N.E., 1965 January, etc.

\*Highest Max. and Lowest Min. of the District Value Stations.

TABLE III—ADDITIONS AND CORRECTIONS

Table with columns for Month, Station, Air Temperature in Degrees Celsius, Earth Temperature, Rainfall, Weather, Bright Sunshine. Rows include 1965 January, February, March.

TABLE IV—ADDITIONS AND CORRECTIONS

Table with columns for Month, Station, Mean Pressure, Mean Temperature and Humidity, Cloud Amount, Visibility, Wind, Number of Observations. Rows include 1963 November, 1965 March.

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, — ADDITIONS AND CORRECTIONS

Table with columns for Station, Total Radiation on a Horizontal Surface, Diffuse Radiation on a Horizontal Surface, Total Illumination on a Horizontal Surface. Rows include Lerwick October 1964, High Holborn March 1965.

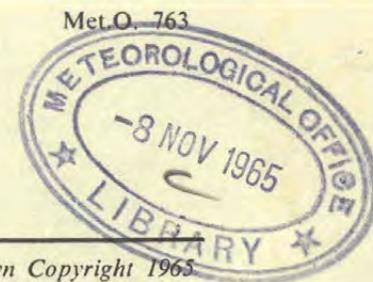
To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: York House, Kingsway, London, W.C.2; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; 39 King Street, Manchester 2; 35 Smallbrook, Ringway, Birmingham 5; 109 St. Mary Street, Cardiff; 50 Fairfax Street, Bristol 1; 80 Chichester Street, Belfast; or through any bookseller.

Monthly Parts Price 2s. 9d. net. Annual Summary 4s. 6d. net. Annual Subscription £2 (inc. postage, introduction and summary).

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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



Volume 82 Number 6

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### June 1965 — Wet in most areas

Generally anticyclonic weather during the first eleven days of the month was interrupted on the 5th-8th by a shallow disturbance moving east across the British Isles. From the 12th onwards a sequence of depressions from the Atlantic maintained mainly cyclonic weather for about two weeks, but on the 26th pressure rose sharply over the country and during last few days of the month a ridge of high pressure extended from the Atlantic over most of England and Wales.

The month began dull and cold over much of central and south-east England but as a ridge of high pressure over northern districts spread southwards weather became fine and warm nearly everywhere with more than 14 hours of sunshine in many places on the 2nd and 3rd. Frontal rain associated with a depression near Iceland reached Northern Ireland on the morning of the 4th later spreading into Scotland and northern England.

On the 5th-7th a shallow area of low pressure over southern England gave outbreaks of thundery rain and scattered thunderstorms though many places had long sunny periods. The 8th was dull and wet over much of England and Wales and the rain in eastern districts persisted well into the morning of the 9th as the depression moved eastwards into northern Germany.

A ridge of high pressure following the depression moved slowly across the British Isles on the 9th-11th bringing fine warm weather to all districts. Many places recorded more than 12 hours of sunshine daily during this period and afternoon temperatures locally exceeded 20°C.

From the 12th to the 25th weather was generally unsettled as a series of troughs or depressions, separated by weak ridges, moved eastwards across the country. Widespread frontal rain on the 12th persisted over much of the country until the early hours of the following morning, but the 13th was a generally sunny day except in the south-east where there were scattered showers which were heavy in the extreme east of Kent during the afternoon and evening; at Manston 0.46 in. fell in 10 mins. The 15th to 18th was a wet period, rain being heavy at times on the 16th as a small depression moved eastwards along the English Channel; many stations from the Isle of Wight eastwards along the south coast recorded over an inch of rainfall. The night of the 17th/18th was stormy with widespread gales; rain was heavy at times with falls exceeding 1 inch in parts of south-west Scotland. The next two days were sunny and warm over the southern part of the country but a depression from the Atlantic brought heavy thundery rain to many parts of the country on the 21st as it moved eastwards across central England. The rain did not clear eastern districts until the morning of the 22nd when 0.72 in. was recorded at Watnall between 0700 and 0800 G.M.T. Fronts associated with a complex low pressure area moving slowly eastwards between Scotland and Iceland gave persistent rain in many districts from the 23rd to the 25th but south-east England was mostly dry on the 24th.

Pressure rose steadily over the British Isles on the 26th and apart from the extreme north of Scotland weather became sunny and mainly dry nearly everywhere though there were a few scattered showers in the west and north. Sunny weather with progressively increasing day temperatures continued over England and Wales for most of the rest

of the month; there were outbreaks of thundery rain in the south-east, however, on the 29th.

**Pressure and Wind** — Mean pressure was everywhere below the average, the deficit at 9h ranging from 4.2 mb at Tiree to 1.2 mb at S. Farnborough and Gorleston. Surface winds were generally light and variable during the first ten and last four days of the month, otherwise they were mainly between south and south-west. Gales were fairly widespread on the 18th and gusts of 64 kt and 62 kt were recorded at Blackford Hill (Edinburgh) and Jersey Airport respectively on the 16th.

**Temperature** — In Scotland there were only a few really warm days, mainly around the 9th and 29th, with temperature above 20°C. Nights were generally very mild after the 12th. In England and Wales the warmest days were around the 3rd, 6th, 9th-15th and 29th-30th with temperature locally 9°C above average. The coldest nights were during the first week; air frost was recorded in parts of North Wales on the 2nd and East Anglia on the 4th.

Extremes included: (England and Wales) 26.1°C at Nottingham on the 11th, -1.7°C at Santon Downham on the 4th; (Scotland) 24.4°C at Cannich and Stirling on the 9th, -2.2°C at Whitehills on the 1st; (Northern Ireland) 23.9°C at Derrynoyd Forest on the 29th, 0.6°C at Loughermore Forest on the 3rd.

**Rainfall** — It was a wet month generally. In Scotland rainfall was twice the average in parts of the north-west, the Western Highlands and the Southern Uplands, but was below the average over much of the north-east just north of the Grampians. In England and Wales rainfall was more than twice the average in parts of Nottingham, Anglesey, South Wales, the Isle of Wight and Dorset. It was below the average over most of north-east England, including the Estuary of the Humber, over parts of Cumberland, Lancashire, Cheshire and the Home Counties north of London.

Thunder was heard on 9 days in Scotland and on the 1st, 5th-8th, 15th, 16th, 21st-23rd, 29th and 30th (12 days) in England and Wales. Thunderstorms were widespread on the 7th and 21st in east and south-east England and on the 6th in central England.

**Sunshine** — In Scotland it was particularly dull in the north-east, some western coastal districts and in parts of the Southern Uplands with deficits of between 40 and 70 hours. Fortrose had its dullest June since 1916. In England and Wales a few places in the north and Midlands had more than average sunshine but most places recorded 80 to 95 per cent of the average. Amounts ranged from 69 per cent at East Malling and Swansea to 111 per cent at Sutton Bonington.

**Fog** — Fog was observed at 9h at one place or another on 27 days in Scotland and on the 1st-15th, 18th, 22nd, 23rd, 25th and 29th in England and Wales where it was rather infrequent mostly occurring on one or two mornings only at any one place.

**Miscellaneous Phenomena** — The aurora was not seen during the month.

TABLE I—DISTRICT VALUES— JUNE.

1965 (1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE				EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE	
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.				Mean 4 ft.
	Difference from Average					% of Average				
0 SCOTLAND, N.	20.0	3.8	-0.1	+0.6	+0.2	-	-	+2	114	71
1 SCOTLAND, E.	23.9	2.8	-0.1	+0.6	+0.3	-	-	+2	117	86
2 ENGLAND, S.E.	23.9	1.7	0.0	+0.2	+0.1	-0.3	-0.1	-1	87	90
3 ENGLAND, E.	23.9	0.0	-0.8	-0.1	-0.5	-0.3	-0.2	+1	121	84
4 MIDLANDS	26.1	3.9	-0.3	+0.2	-0.1	0.0	+0.1	+1	143	99
5 ENGLAND, S.E.	24.0	2.8	-1.0	-0.3	-0.7	-0.7	-0.3	+2	124	78

\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE				EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE	
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.				Mean 4 ft.
	Difference from Average					% of Average				
6 SCOTLAND, W.	22.9	1.1	-0.4	+0.6	+0.1	+0.3	-0.1	+2	144	80
7 ENGLAND, N.W. and N. Wales	23.3	2.2	-0.1	+0.3	+0.1	-0.7	-0.3	+1	107	105
8 ENGLAND, S.W. and S. Wales	24.4	3.3	-0.8	-0.3	-0.5	-0.5	+0.2	+3	154	88
N. IRELAND	22.9	1.8	-0.1	-0.1	-0.1	-	-	+5	140	83
SCOTLAND	23.9	1.1	-0.2	+0.6	+0.2	-	-	+2	137	79
ENG. and WALES	26.1	0.0	-0.5	-0.2	-0.3	-	-	+1	129	91

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

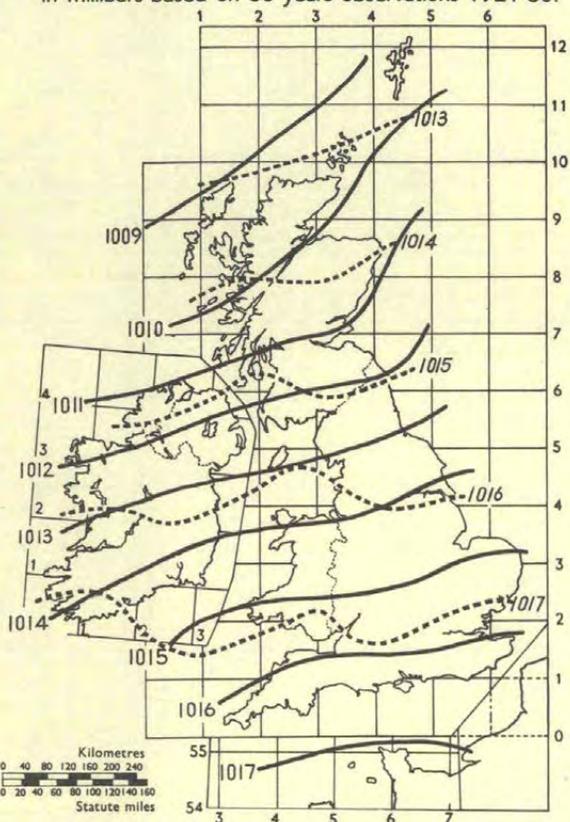
FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JUNE, 1965 (1914)

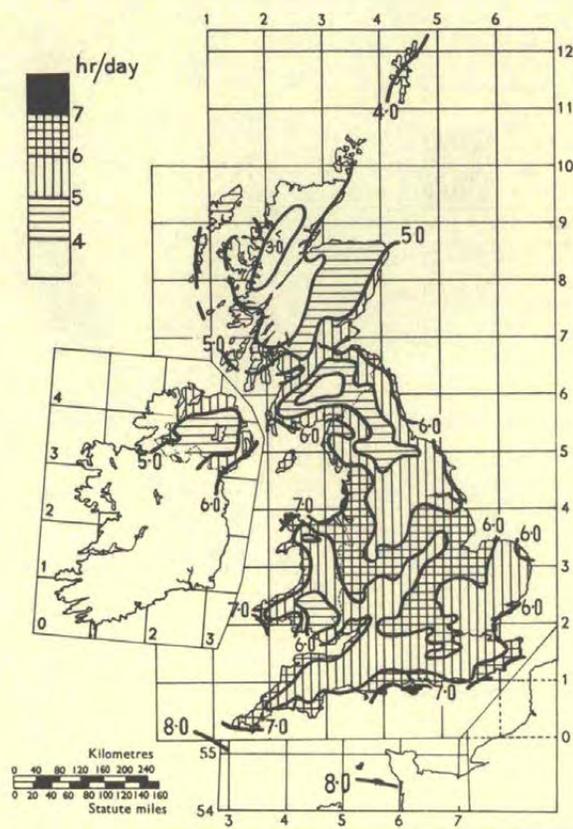
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Highest Velocities							
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Mean Hourly Wind Speed	Highest 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				
																		hr.	hr.	hr.	hr.
SCOTLAND																					
0 Zetland	Lerwick Observatory	304	33	33	-	0	8	46	370	283	21	0	12.1	210	29	24	09	43	27	2325	
	Kirkwall	134	50	33	-	0	6	38	333	319	30	0	11.7	250	29	28	04	40	23	1145	
	Calithness	110	39	30	23	4	11	27	363	262	64	0	11.8	160	37	23	12	54	23	1130	
	Sutherland	78	33	33	-	0	11	76	353	187	104	0	12.1	190	30	20	09	41	20	0815	
	Ross & Cromarty	120	40	36	-	0	11	44	274	266	130	0	10.4	220	38	24	01	55	23	2325	
	Inverness	125	65	55	23, 24	6	11	44	403	226	58	0	11.9	250	31	24	04	50	24	0250	
		69	51	35	-	0	7	33	212	278	224	6	7.6	270	20	16	14	40	24	0420	
		189	53	53	-	0	0	0	212	278	224	6	7.6	270	20	16	14	40	24	0420	
1 Moray	Kinloss	57	41	41	24	2	10	39	283	335	61	0	10.9	240	35	24	06	53	24	0430	
	Lossiemouth	101	80	60	-	0	4	14	220	388	98	0	8.9	210	26	24	01	40	24	0010	
	Aberdeen	234	30	30	-	0	4	14	220	388	98	0	8.9	210	26	24	01	40	24	0010	
	Angus	128	131	124	16, 23, 24, 26, 28	23	15	158	344	151	44	0	15.8	230	41	24	04	52	24	0145	
	Perth	1006	56	57	23, 24	4	9	45	292	254	125	0	10.6	220	37	24	02	53	23	2245	
		528	53	53	-	0	0	0	138	396	182	4	6.5	(240)	20	23	24	(41)	16	1045	
	Fife	78	40	40	-	0	9	64	284	295	77	0	11.4	230	32	16	08	51	26	0850	
	Midlothian	137	40	33	-	0	8	48	226	351	95	0	9.9	240	32	26	09	53	26	0750	
		496	50	34	16, 23, 24	10	11	91	247	235	137	0	11.8	180	39	16	03	64	16	0205	
6a Argyll	Tires	89	60	47	23, 24, 26	14	9	65	382	173	86	0	13.1	220	36	23	23	59	23	2230	
	Bute	50	34	34	-	0	2	3	159	342	216	0	6.9	180	28	23	15	48	23	1415	
	Renfrew	188	81	31	-	0	6	24	210	376	110	0	9.2	210	28	16	02	45	23	2240	
		71	41	39	-	0	6	24	210	376	110	0	9.2	210	28	16	02	45	23	2240	
	Lanark	2412	43	33	15, 16, 19, 23-26	38	13	171	271	226	14	0	16.6	280	46	26	09	63	26	0745	
	Ayr	68	33	33	-	0	3	17	254	337	112	0	9.1	130	25	23	07	44	23	0440	
	Dumfries	310	50	50	-	0	6	23	259	338	100	0	9.7	220	26	23	18	42	23	1720	
		825	50	35	-	0	7	37	147	285	247	4	7.5	230	28	24	03	48	24	0215	
	Wigtown	81	33	33	-	0	7	33	210	402	75	0	9.4	190	28	23	08	44	23	0755	
ENGLAND AND WALES																					
6b Isle of Man	Ronaldsway	119	64	39	15, 23-26	10	10	109	218	250	133	0	11.7	210	36	24	12	50	24	1155	
	Point of Ayre	64	33	33	-	0	7	36	285	349	50	0	11.0	240	30	26	08	51	26	0355	
2 Durham	Durham	389	53	33	-	0	3	11	256	375	78	0	9.5	250	25	18	16	46	26	1130	
	South Shields	73	57	44	-	0	1	1	200	307	212	0	7.3	270	22	26	13	41	26	1040	
	Yorks, E.R.	76	39	33	Ø	-	0	2	19	235	364	102	0	9.2	250	32	18	17	52	18	1415
	Lincoln	288	47	47	-	0	7	29	416	250	25	0	12.4	360	28	30	20	37	18	1430	
3 Norfolk	Gorleston	54	43	43	-	0	1	9	188	242	281	0	6.9	260	30	18	15	54	18	1400	
	Suffolk	98	83	60	-	0	1	29	188	242	281	0	6.9	260	30	18	15	54	18	1400	
	Bedford	322	42	30	-	0	1	11	208	408	93	0	8.7	240	25	18	12	44	18	1240	
		226	133	133	18	4	7	51	263	312	88	2	10.9	230	37	18	14	57	18	1305	
	Hertford	307	50	33	-	0	0	0	76	475	169	0	5.8	270	20	18	14	42	18	1355	
		461	41	33	-	0	0	0	40	392	288	0	4.9	250	14	18	16	38	18	1455	
	Essex	351	31	31	-	0	1	4	232	398	86	0	8.8	250	24	18	20	40	18	1925	
		66	57	48	-	0	0	0	140	416	88	76	7.3	250	19	18	14	41	18	1625	
		118	106	91	-	0	8	77	260	356	27	0	12.2	200	33	23	15	47	18	1530	
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	38	321	361	0	4.0	240	21	18	10	50	18	1010	
	Warwick	643	118	73	-	0	0	0	137	507	76	0	7.4	240	18	18	09	37	18	0945	
		343	31	31	-	0	3	13	212	378	117	0	8.6	250	25	18	17	47	18	1645	
	Buckingham	500	50	50	-	0	0	0	93	494	133	0	6.5	210	16	18	08	36	18	1600	
	Stafford	706	50	33	-	0	0	0	85	259	370	6	4.7	230	17	18	17	41	18	1700	
	Worcester	154	33	33	-	0	3	21	237	277	185	0	8.5	250	29	18	15	43	18	1545	
5 London	Kingsway	208	143	41	-	0	0	0	183	436	101	0	7.8	230	21	18	20	39	24	1615	
	Middlesex	115	33	33	-	0	4	18	243	383	76	0	9.4	200	24	24	14	38	25	1415	
		139	101	100	-	0	1	2	175	347	196	0	7.1	220	22	24	16	38	24	1530	
	Surrey	92	75	50	-	0	0	0	171	411	138	0	7.5	220	21	24	14	41	24	1405	
		232	38	33	-	0	1	7	158	389	166	0	7.4	230	25	18	13	41	18	1710	
	Kent	48	40	33	-	0	3	13	198	218	274	17	7.1	230	24	18	16	42	18	1500	
		70	50	33	-	0	7	61	298	278	78	5	11.5	250	32	18	12	46	18	1225	
		68	38	62	A	-	0	0	173	278	269	0	6.6	240	21	18	09	38	18	0700	
	Sussex	75	65	42	-	0	2	2	232	335	151	0	8.4	220	23	18	07	35	18	0650	
	Hampshire	86	53	46	-	0	7	23	333	355	9	0	11.2	190	26	23	13	37	18	0835	
		50	41	33	-	0	1	3	205	355	157	0	7.9	250	23	18	17	38	18	1550	
	Berkshire	318	69	35	-	0	1	3	163	335	219	0	6.8	250	24	18	14	39	18	1320	
	Wiltshire	295	40	40	-	0	1	3	132	346	242	0	6.2	250	20	18	14	40	18	1350	
		491	51	36	-	0	0	0	132	346	242	0	6.2	250	20	18	14	40	18	1350	
		425	55	55	-	0	5	16	238	343	123	0	8.9	210	24	23	13	36	22	1150	
		406	44	44	-	0	0	0	137	216	367	0	5.6	220	21	18	07	35	18	0550	
7a Cumberland	Carlisle	137	42	30	-	0	8	44	202	294	180	0	9.1	240	29	26	10	50	26	0730	
	Sellafield	83	39	35	-	0	6	39	222	335	124	0	9.4	220	27	16	05	52	26	0825	
	Spadadam	959	51	50	-	0	6	39	222	335	124	0	9.4	220	27	16	05	52	26	0825	
	Westmorland	2813	33	33	15-18, 23-26	82	18	173	197	174	94	0	17.1	250	48	26	13	63			

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.

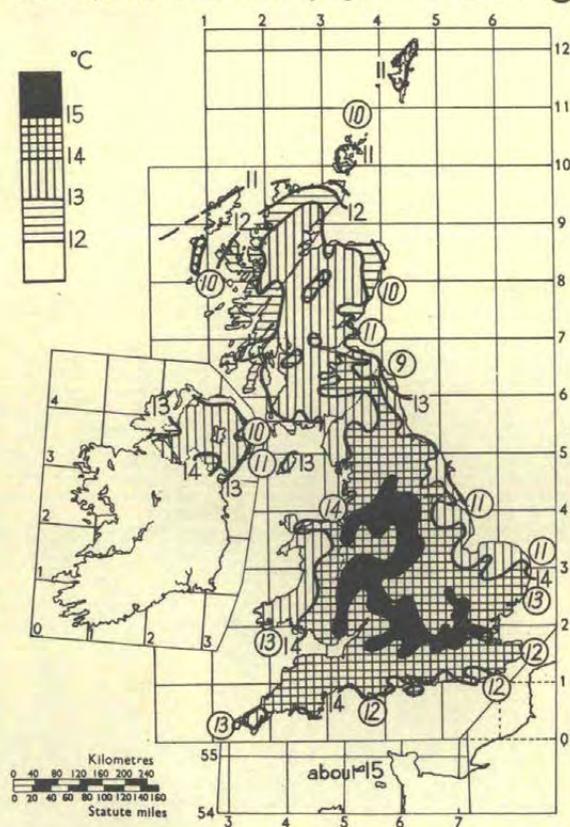


BRIGHT SUNSHINE

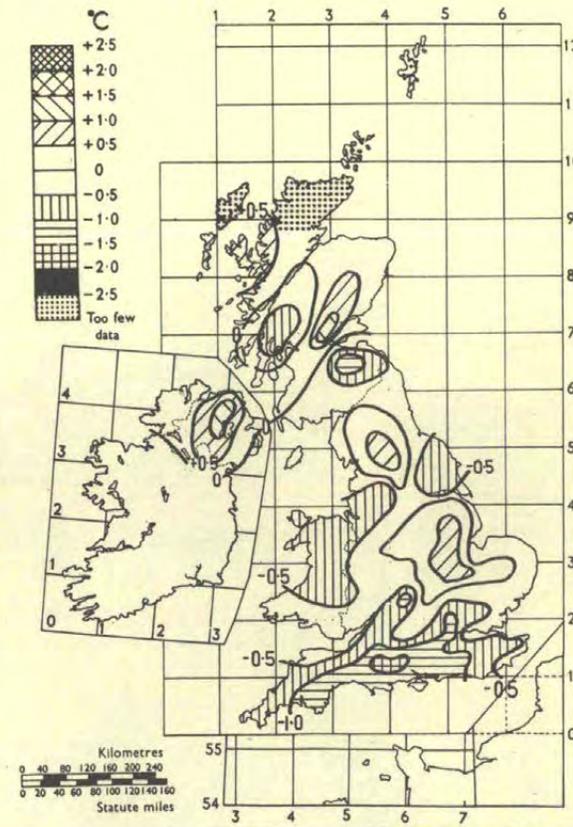


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus 10



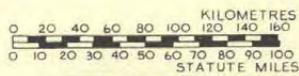
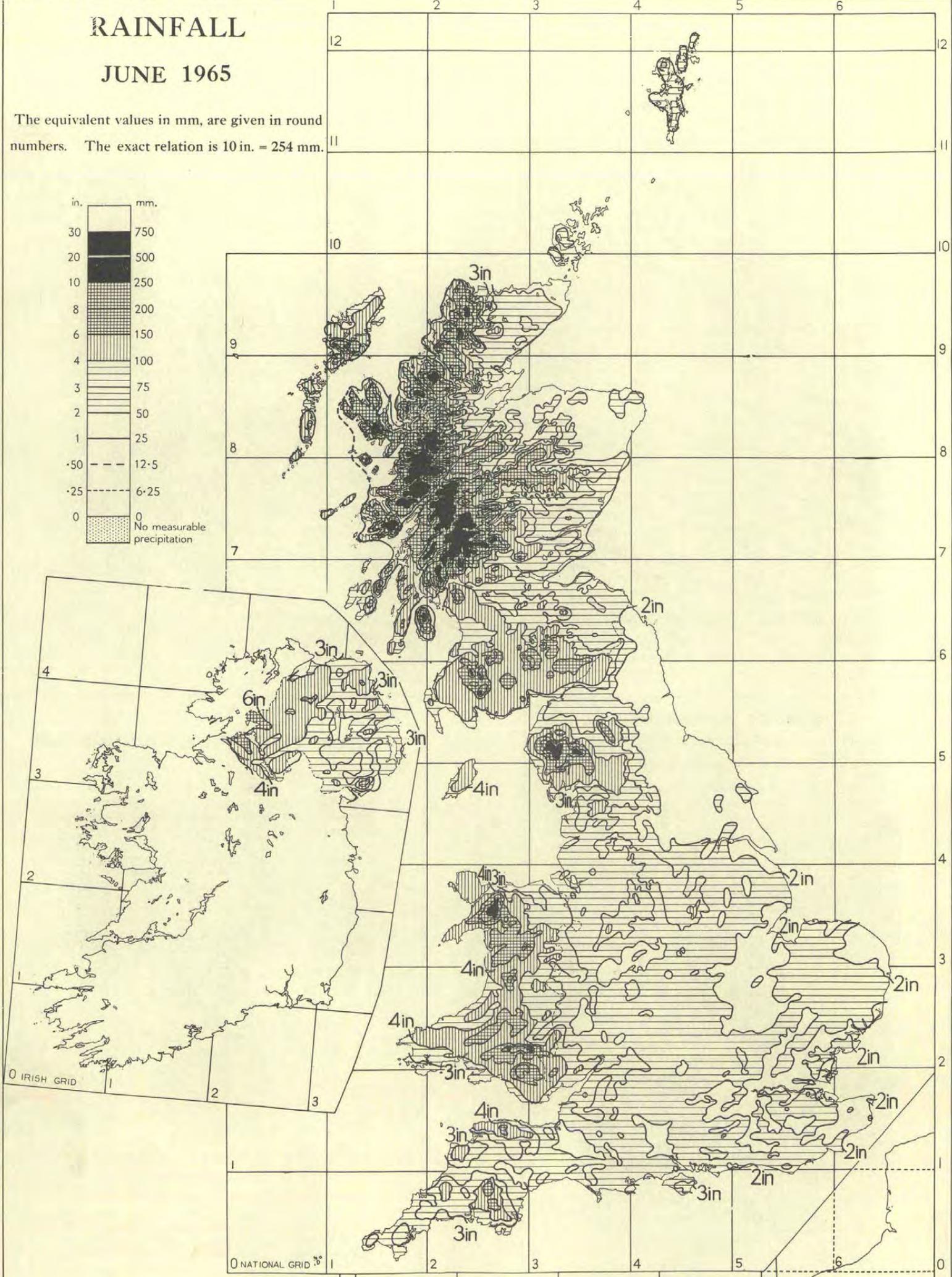
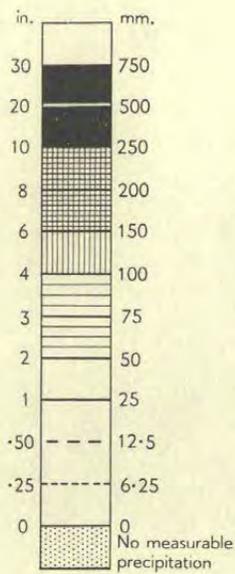
ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



# RAINFALL

## JUNE 1965

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



54 3 UTM GRID ZONE 30 U

MO/Carta/00/144 A





TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1965

DISTRICT, COUNTY AND PLACE	Max. Terminal Hours of Observation	Height of Station above Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days								BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	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	Cale	Daily Mean	Percentage of Average				
			A	B		Maximum	Date	Minimum	Date					Amount	Date													0.1in. (0.2mm.) or more	0.01in. (0.25mm.) or more		
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	hr	%	
2 ENGLAND, N.E. cont.																															
Northum-berland cont.																															
Berwick-on-Tweed	9 9	76	15.8	9.4	12.6	+0.2	20.0	4	5.6	3	-	-	2.00	119	.50	6	12	9	0	0	0	0	0	0	0	0	0	0	6.62	105	
Cockle Park	9 9	326	16.8	8.6	12.7	+0.2	20.6	29	4.4	2	13.5	-	1.55	87	.43	6	16	11	-	-	-	-	-	-	-	-	-	5.95	99		
Acklington	21-9	138	16.5	8.8	12.7	-	21.7	13	4.1	2	-	-	.95	57	.34	6	11	7	0	0	0	0	0	0	0	0	0	0	6.67	- S	
Tynemouth	21-9	95	15.9	10.3	13.1	+0.2	20.6	28	7.0	2	-	-	1.32	75	.39	12	10	7	0	0	0	0	0	0	3	0	0	1	6.18	102	
Seahouses	21-9	37	15.6	8.4	12.0	-	21.0	28	4.6	2	-	-	1.61	-	.61	6	12	9	0	0	0	0	0	0	3	0	0	0	6.20	-	
Chopwellwood	9 9	446	17.9	8.9	13.4	+0.3	22.2	29	3.9	2	-	-	1.60	78	.54	21	12	9	0	0	0	0	0	0	1	0	0	-	-		
Ushaw College	9 9	594	17.3	9.0	13.1	0.0	21.7	29	4.4	2	-	-	1.64	87	.44	21	12	10	0	0	0	0	0	0	5	0	0	0	-	-	
Houghall	9 9	123	18.6	8.2	13.4	+0.1	22.2	28,29	1.1	2	-	-	1.42	74	.50	21	14	10	0	0	0	0	0	0	0	1	0	5.79	97		
Durham	9 9	336	18.3	8.5	13.4	+0.2	21.7	13,23,29	1.7	2,3	14.2	11.6	1.39	77	.51	21	12	7	-	-	-	-	-	-	-	-	0	5.19	87		
Gateshead	9 9	509	-	9.6	-	-	-	-	6.1	2	-	-	1.15	54	.35	21	10	6	-	-	-	-	-	-	-	-	-	0	6.01	-	
West Hartlepool	9 9	30	17.3	10.2	13.7	-	21.7	28	3.9	2	-	-	1.93	108	.53	21	10	9	0	0	0	0	0	0	0	0	0	0	5.19	-	
Dishforth	21-9	105	19.3	9.8	14.5	+0.3	23.9	14	2.9	2	-	-	1.40	79	.39	21	9	7	0	0	0	0	0	0	2	0	0	0	5.65	84	
Thirsk	9 9	111	19.3	9.0	14.1	-	24.4	29	1.7	2	-	-	1.13	-	.32	21	11	7	0	0	0	0	0	0	0	0	0	0	-	-	
Ampleforth	9 9	313	18.1	9.1	13.6	0.0	21.7	13	1.7	2	-	-	1.45	68	.41	21	12	10	-	-	-	-	-	-	-	-	1	0	-	- S	
Redcar	9 9	25	17.9	10.3	14.1	-	21.7	28	4.4	2	-	-	1.24	71	.40	21	10	6	-	-	-	-	-	-	-	-	-	0	5.51	-	
Pickering	9 9	143	18.9	8.4	13.7	-	22.8	13,14	1.1	3	-	-	1.28	-	.52	21	13	8	0	0	0	0	0	0	0	0	0	0	-	-	
Whitby	9 9	135	-	9.5	-	-	22.2	28	2.2	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	-		
Scarborough	9 9	118	17.3	10.1	13.7	-0.3	23.3	28	5.6	2	14.4	12.5	1.34	79	.65	21	11	6	0	0	0	0	0	0	1	0	0	0	5.96	93	
Silpho Moor	9 9	665	17.3	8.1	12.7	-	22.2	28	1.1	2	11.8	-	1.71	75	.61	21	15	8	-	-	-	-	-	-	-	-	5	0	5.97	-	
Whitby C/Guard	21-9	200	16.4	9.4	12.9	-	22.2	28	2.3	2	-	-	1.12	-	.48	21	9	5	0	0	0	0	0	0	0	0	0	0	-	-	
High Mowthorpe	9 9	574	16.9	8.7	12.8	-	21.1	30	2.2	2	14.1	-	1.96	83	.98	21	12	11	-	-	-	-	-	-	-	-	0	6.47	-		
Hull	9 9	8	18.8	10.6	14.7	0.0	23.3	14,30	6.7	1,2,10	14.3	10.6	1.40	81	.65	21	13	7	0	0	0	0	0	1	0	0	0	0	5.76	92	
Leconfield	21-9	24	18.3	9.4	13.9	-	22.6	14	3.1	3	-	-	1.61	-	.76	21	11	8	0	0	0	0	0	1	0	0	2	0	6.05	-	
Filey	9 9	122	16.4	9.3	12.9	-	21.1	18,28	2.8	3	-	-	1.42	80	.74	21	12	7	0	0	0	0	0	1	0	0	0	0	5.88	-	
Bridlington	9 9	157	16.1	8.8	12.5	-	21.7	28	3.9	3	-	-	2.09	119	1.14	21	12	8	0	0	0	0	0	1	1	0	0	0	5.74	-	
Kilnsea	21-9	40	15.9	8.5	12.7	-	21.2	28	5.0	3,4	-	-	1.34	-	.55	21	9	8	0	0	0	0	0	4	0	0	1	-	-		
Navenby	9 9	60	19.6	9.2	14.4	-	23.9	11,30	2.8	2	-	-	2.27	-	.50	21	14	8	0	0	0	0	1	0	0	2	1	-	-		
Waddington	21-9	224	18.7	9.6	14.1	-0.2	23.2	30	3.6	2	-	-	2.13	-	.67	21	11	7	0	0	0	0	1	0	0	0	0	0	6.86	-	
Lincoln	9 9	22	19.2	8.7	13.9	-	23.3	30	1.1	2	14.9	12.1	1.93	115	.75	21	10	7	0	0	0	0	0	0	0	0	1	0	6.53	-	
Cranwell	9 9	205	19.0	9.5	14.3	0.0	23.2	30	2.6	2	15.8	13.1	1.79	113	.44	21	12	8	0	0	0	0	0	0	0	3	0	0	5.71	87	
Brigg	9 9	10	19.3	7.9	13.6	-	23.3	30	1.7	3	-	-	1.95	-	.66	21	11	10	0	0	0	0	1	0	0	3	0	-	-		
Carstoe	9 9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cleethorpes	9 9	23	17.8	10.1	13.9	-0.3	22.8	27	5.6	3,4	-	-	1.57	98	.59	21	10	9	-	-	-	-	-	-	-	-	0	5.33	79		
Manby	21-9	55	18.2	9.3	13.7	-	22.9	21	3.5	4	-	-	2.15	139	.47	21	11	8	0	0	0	0	0	0	0	0	0	0	6.27	-	
Skegness	9 9	15	17.9	9.8	13.9	-0.1	23.9	21	4.4	2	-	-	2.42	159	.82	22	14	12	0	0	0	0	0	0	0	0	0	0	(6.11)	90	
3 ENGLAND, E.																															
Norfolk																															
Terrington																															
St. Clement	9 9	13	18.7	8.8	13.7	-	23.3	14	1.7	4	14.6	-	1.89	125	.42	8	10	8	0	0	0	0	0	0	0	1	0	0	6.60	-	
Marham	21-9	76	18.7	9.6	14.1	-	22.6	14	3.3	4	-	-	2.82	-	.95	22	10	9	0	0	0	0	1	0	0	1	0	-	-		
Santon Downham	9 9	80	19.6	7.9	13.7	-	23.9	14	-1.7	4	14.2	11.8	2.40	133	.48	8	15	10	-	-	-	-	-	-	-	-	1	4	5.21	-	
West Raynham	21-9	250	18.0	9.1	13.5	-	22.1	14	2.7	4	-	-	2.37	120	.53	8	10	9	0	0	0	0	1	1	0	1	0	0	6.57	-	
Cromer	9 9	178	16.9	9.7	13.3	-1.0	22.8	15	6.1	5	-	-	2.37	148	.81	22	13	7	-	-	-	-	-	-	-	0	2	0	5.55	82	
Sprowston	9 9	93	18.5	8.7	13.6	-0.9	22.8	13,14,15	0.0	4	13.8	-	1.57	90	.44	21	11	9	0	0	0	0	0	0	0	0	1	4	0	5.62	85
Coltishall	21-9	55	17.9	9.5	13.7	-	23.1	15	3.2	5	-	-	1.46	-	.41	21	12	6	0	0	0	0	0	0	0	0	1	0	-	-	
Burlingham	9 9	89	18.3	9.8	14.1	-	23.3	15	3.3	5	-	-	1.44	85	.50	21	10	7	1	0	0	0	1	0	0	0	0	0	6.21	-	
Gorleston	9 9	89	18.3	9.8	14.1	-	23.3	15	3.3	5	-	-	1.44	85	.50	21	10	7	1	0	0	0</									











TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 1965

Table with columns: 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) (No. of Observations); VISIBILITY (NUMBER OF OBSERVATIONS); WIND, NUMBER OF OBSERVATIONS (FORCE (0-13), DIRECTION). Rows include locations like 2 ENGLAND, N.E., 3 ENGLAND, E., and 4 MIDLAND COUNTIES.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 1965

Table with columns: DISTRICT, COUNTY AND PLACE; Hour of Observation; Height of Barometer above Mean Sea Level; MEAN PRESSURE; MEAN TEMPERATURE AND HUMIDITY; CLOUD AMOUNT (OKTAS); VISIBILITY; WIND, NUMBER OF OBSERVATIONS. Rows include locations like Northampton, Warwick, Shropshire, Worcester, Hereford, Gloucester, Middlesex, Surrey, Kent, Sussex, Berkshire, Hampshire, Wiltshire.



TABLE VIII—NUMBER OF DAYS IN JUNE, 1965 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.							
	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°		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	26	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16	10	0	0	0	0	0	0	0	12	18	0	
Stornoway	0	0	0	19	11	0	0	0	0	0	0	0	1	16	13	0	0	0	0	2	14	14	0	0	0	0	0	0	0	9	21	0	
Carbstone	0	0	1	11	17	1	0	0	0	0	0	0	1	26	3	0	0	0	0	6	21	3	0	0	0	0	0	0	0	11	19	0	
Rothsay	0	0	0	5	23	2	0	0	0	0	0	0	0	15	15	0	0	0	0	0	19	11	0	0	0	0	0	0	0	11	19	0	
Renfrew	0	0	0	2	25	3	0	0	0	0	0	0	0	11	19	0	0	0	0	2	22	6	0	0	0	0	0	0	2	16	12	0	
Eskdalemuir Observatory	0	0	0	8	19	3	0	0	0	0	0	0	5	18	7	0	0	0	0	3	26	1	0	0	0	0	0	0	8	22	0		
Douglas	0	0	0	10	20	0	0	0	0	0	0	0	0	18	12	0	0	0	0	2	27	1	0	0	0	0	0	1	8	21	0		
Cockle Park	0	0	0	5	24	1	0	0	0	0	0	0	2	22	6	0	0	0	0	5	22	3	0	0	0	0	0	0	16	14	0		
Gorleston	0	0	0	11	13	6	0	0	0	0	0	0	10	20	0	0	0	0	0	3	23	4	0	0	0	0	0	2	17	11	0		
Cambridge	0	0	0	1	17	12	0	0	0	0	0	0	2	13	15	0	0	0	0	1	23	6	0	0	0	0	0	2	17	11	0		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JUNE, 1965

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	812	21	80	15	403.9	30	414	28	78	15	289.4	30	977	21	103	15	500.6	30
Eskdalemuir Observatory	827	29	150	15	398.0	30	379	2	140	15	268.5	30	1077	29	187	24	496.1	30	
Cambridge	808	28	129	8	478.4	30	385	6	125	8	283.1	30	-	-	-	-	-	-	
London (High Holborn)																			
Kew Observatory	840	20	132	8	496.1	30	375	6	128	8	265.7	30	965	28	153	8	557.2	30	
Aberporth	824	28	97	24	536.3	30	388	9	96	24	273.4	29	-	-	-	-	-	-	
Bracknell (Easthamstead)	787	28	134	8	491.6	28	362	6	129	8	268.4	28	981	28	177	8	611.5	28	

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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	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							
				A	B			Maximum	Date	Minimum	Date					Amount	Date													-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more					
				Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in	%	in													hr	%						
1963	March	9 9	854			2.6																														
	Burnley	9 9	654			2.9																														
June	Annual	9 9	546			8.9	12.9																													
	Penwhin	9 9	546			3.7	6.8																													
1965	March	9 9	377	8.6	0.4	4.5	-0.7																													
	Mackworth	9 9	293																																	
	Onecote	9 9	1350																																	
	Folkestone	9 9	128																																	
	Skegness	9 9	15								6.9																									
	Ampleforth	9 9	313																																	
	Nottingham T.C.	9 9	169																																	
	Poulton-le-Fylde	9 9	38	9.1	-	-	-	22.2	29	-	-	-	-	1.92	93	.40	21	11	9	2	0	0	0	0	0	1	-	-	0	-	-	-	-	-		
	Balerno	9 9	700	6.4	-1.4	2.5	-	18.3	29	-13.9	2	-	-	3.28	143	.50																				
	April	Mackworth	9 9	293																																
Belper	9 9	203																																		
Bugbrooke Mill's	9 9	228																																		
Nottingham T.C.	9 9	169																																		
Bryn Adda	9 9	275																																		
Tavistock	9 9	457																																		
Haverfordwest	9 9	131																																		
Inverpolly	9 9	45																																		
Kilmarnock	9 9	115																																		

1965 January Text

1965 February Table III Corrections Table

Paragraph 2, line 3 should read "6 hours of sunshine" and not 8.

Insert "September" in month column against Llwyn Stwlan.  
Fernhurst November sunshine read as 4.54 not 1.54.

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: York House, Kingsway, London, W.C.2; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; 39 King Street, Manchester 2; 35 Smallbrook, Ringway, Birmingham 5; 109 St. Mary Street, Cardiff; 50 Fairfax Street, Bristol 1; 80 Chichester Street, Belfast; or through any bookseller.

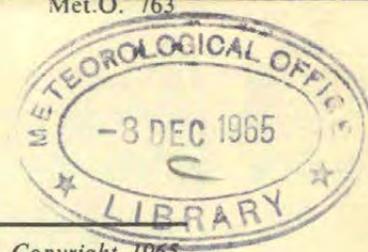
Monthly Parts Price 2s. 9d. net. Annual Summary 4s. 6d. net. Annual Subscription £2 (inc. postage, introduction and summary).

Printed in England for H.M. Stationery Office by Keyswift Ltd. Edgware. Wt. 15/PS407645 K.12. 10/65. Grp S.T. 72-7-65-6.

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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



Volume 82 Number 7

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### July 1965 — Cold, dull and wet

Weather was mainly cyclonic in character throughout the month except during the first five days when the country was under the influence of an anticyclone to the west of Ireland and on the 15th-17th when a ridge of high pressure moved slowly east across the British Isles.

The fine sunny weather over England and Wales at the end of June continued on the 1st, but during the next four days northerly winds between high pressure to the west and low pressure to the east of the British Isles brought scattered showers and a progressive fall of temperature in most areas. Early on the 4th ground frost was widespread and temperature fell to 1°C in parts of the Midlands. Troughs moving southwards over the country brought periods of rain on the 6th and thunderstorms broke out over southern England on the 7th as a small depression moved rapidly east along the English Channel. Behind these disturbances showers and sunny intervals continued for another two days but the northerly airstream backed towards the west during the afternoon of the 9th.

A very wet period followed. Rain from the Atlantic spread to all districts on the 10th becoming heavy in many places on the 11th as a vigorous depression moved across Scotland to the North Sea and small wave disturbances on an associated trailing cold front moved across southern England where more than an inch of rain fell over wide areas. On the 12th-14th a belt of low pressure extended from south-west England to southern Scandinavia giving heavy and prolonged rain in many places. In the Cardiff area almost 3 inches of rain fell in about 70 hours of more or less continuous rain starting in the early hours of the 11th, and at Nottingham 2½ inches were recorded on the 13th. With pressure rising over the British Isles there were good sunny periods on the 14th especially in southern England but there were also scattered thunderstorms accompanied by heavy rain locally; at Wadebridge 5½ inches of rain were recorded in about 3 hrs. 40 mins.

A ridge of high pressure extending from south-west England to the Norwegian Sea gave three mainly dry days, 15th-17th, as it moved slowly eastwards across the British Isles. In the north weather was sunny with day temperatures about normal, many places in northern Scotland having more than 14 hours of sunshine on each of these days.

The dry spell gave place to a week of thundery rain and thunderstorms. On the 18th a small depression moving south-eastwards towards Cornwall gave some heavy rain in the Scilly Isles and the next day thunderstorms broke out over southern England as a trough from the depression developed along the English Channel, and these storms became heavy and frequent south-east of a line from the Humber to the Severn as the depression moved eastwards across southern England. They were particularly heavy just north of London where there was considerable flooding; at Stansted more than 1 inch of rain was recorded in 17 minutes. A complex depression centred over the British Isles on the 21st-23rd maintained the thundery weather for another few days, the rain becoming heavy again in south-east England on the 23rd as the depression deepened and moved eastwards across central England. On the 24th-27th the depression was centred over southern Scandinavia and the thundery activity over the British Isles slowly died out in the northerly airstream on its western flank.

A depression from the Atlantic gave prolonged and, in a number of districts, heavy rain on the 28th and 29th, the rain continuing in

southern England for much of the 30th but the month ended with a fine sunny day over most of England though there were reports of snow showers over the higher ground in Scotland.

**Pressure and Wind** — Mean pressure was below the average except in northern and western Scotland, the deviation at 9hr. from the 1921-50 average ranging from +1.8 at Stornoway to -2.6 mb at Gorleston. Surface winds were mainly northerly at first becoming south-westerly on the 10th, variable and mainly light on the 13th-23rd, mostly between north and north-west on the 24th-26th and west to south-west during the last five days of the month. It was a quiet month, wind reaching gale force in Scotland on 3 days only and in England and Wales on the 11th, 12th, 23rd, 28th and 29th. Wind reached 54 kt in gusts at Cardington on the 23rd and at Bidston on the 29th.

**Temperature** — The mean temperature for the principal towns in Scotland was 12.3°C, 2.7°C below the average and the lowest in July records going back to 1856. In England and Wales day temperatures were below the average throughout the month except for a short period around the 19th. The coldest period was towards the end of the first week. At Ross on Wye there has been only one cooler July in 90 years of temperature records.

Extremes included: (England and Wales) 25.0°C at Hoddesdon on the 14th, -1.7°C at Kielder Castle on the 17th; (Scotland) 26.1°C at Fort William on the 20th, -0.6°C at Balmoral and Glenshee Lodge on the 6th, Strachan on the 17th and at Cannich and Cairngorm on the 30th; (Northern Ireland) 22.3°C at Ely Lodge on the 20th, 2.2°C at Lisnafillan on the 17th and at Lislap Forest on the 30th.

**Precipitation** — Rainfall was above the average over most of Scotland and approached 2½ times the average in parts of the Lothians, Peebleshire and around Inverness. It was little more than half the average in Shetland and locally in the north-west. South of the border rainfall was below average over much of central and south-west Wales, over Cumberland and Westmorland and thence in a narrow corridor to the estuary of the Humber. It was more than twice the average locally in South Wales, the Midlands, Cornwall, Wiltshire and along the Sussex coast.

Thunder was heard in Scotland on 9 days and in England and Wales on the 1st, 2nd, 8th-9th, 13th-15th, 19th-26th, 30th and 31st.

Snow or sleet was reported in the Cairngorms on the 3rd, 27th and 29th, ground being snow-covered above 3000ft. on the 30th and 31st.

**Sunshine** — It was a dull month generally except in the extreme north-west of Scotland where sunshine exceeded the average by 20 hours in several places. There were, however, deficits of 40-70 hours near the east coast south of Aberdeen. In England and Wales sunshine was mainly below the average being mostly 50-70 per cent of the average in the east and 70-90 per cent in the west.

**Fog** — In Scotland fog was reported at 9h at one place or another on 19 days and in England and Wales on 16 days, mainly between the 11th and 15th or the 18th and the 23rd.

**Miscellaneous Phenomena** — The aurora was not seen during the month.

TABLE I—DISTRICT VALUES— JULY, 1965 (1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
0 SCOTLAND, N.	21.1	2.2	-1.8	-2.3	-2.0	-	-	-3	103	115
1 SCOTLAND, E.	21.7	1.7	-3.7	-2.0	-2.9	-	-	+3	140	75
2 ENGLAND, N.E.	22.1	3.9	-3.3	-2.1	-2.7	-1.7	-0.7	+3	113	54
3 ENGLAND, E.	23.3	2.8	-2.9	-1.6	-2.3	-1.8	-0.7	+6	123	59
4 MIDLANDS	23.3	3.4	-3.1	-1.5	-2.	-1.3	-0.3	+3	141	60
5 ENGLAND, S.E.	23.6	2.8	-2.6	-1.2	-1.8	-1.9	-1.0	+3	128	63

\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
6 SCOTLAND, W.	20.7	0.4	-2.2	-2.1	-2.2	-1.0	-0.6	-4	107	95
7 ENGLAND, N.W. and N. Wales	22.0	1.7	-2.4	-1.3	-1.9	-1.5	-0.9	0	98	78
8 ENGLAND, S.W. and S. Wales	22.8	1.1	-2.2	-1.3	-1.7	-0.9	+0.2	+4	143	75
N. IRELAND	21.7	3.5	-1.7	-1.9	-1.8	-	-	-1	80	91
SCOTLAND	21.7	0.4	-2.6	-2.1	-2.4	-	-	-1	110	95
ENG. and WALES	23.6	1.1	-2.7	-1.5	-2.1	-	-	+3	122	65

FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY, 1965 (1914)

DISTRICT, COUNTY AND PLACE	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				
																	hr.	hr.	hr.	hr.	hr.
SCOTLAND																					
0 Zetland	Lerwick Observatory	304	33	33	-	0	2	10	392	310	32	0	10.8	280	23	1	19	43	1	2355	
Orkney	Kirkwall	134	50	33	-	0	4	11	399	299	35	0	11.2	280	25	1	19	37	1	1600	
Caithness	Dounreay	110	39	30	-	0	9	37	452	204	48	3	12.4	320	25	1	22	38	1	2130	
Sutherland	Shin	78	33	33	-	0	0	0	75	398	171	0	7.3	270	21	1	16	37	31	1145	
Ross & Cromarty	Stornoway (Coastguard)	120	40	36	-	0	4	14	341	288	101	0	10.3	060	27	29	09	37	31	0750	
Inverness	Duirinish	125	65	55	-	0	2	5	237	352	150	0	8.4	050	26	29	09	42	29	0855	
	Benbecula	69	51	35	-	0	3	14	436	243	51	0	11.5	040	27	29	08	37	29	0625	
	Fort Augustus	189	53	53	-	0	0	0	98	343	303	0	5.4	180	20	1	13	34	1	1315	
1 Moray	Kinloss	57	41	41	-	0	3	13	353	335	43	0	10.2	280	27	31	16	40	31	1515	
	Lossiemouth	101	80	60	-	0	3	6	264	420	54	0	9.4	300	23	31	15	41	31	1335	
Aberdeen	Dyce	234	30	30	-	0	0	0	293	338	113	0	8.8	310	21	31	17	37	3	1240	
Angus	Bell Rock Lighthouse	128	131	124	-	0	9	66	367	204	107	0	11.9	040	30	29	15	37	29	0800	
Perth	Rannoch	1006	56	57	-	0	3	19	322	259	188	6	9.1	270	28	1	17	37	1	1520	
	Tunnel Bridge	528	53	53	-	0	0	0	52	437	255	0	5.2	260	18	26	16	30	31	1335	
Fife	Leuchars	78	40	40	-	0	1	6	251	389	98	0	9.0	050	25	29	08	37	29	0755	
Midlothian	Turnhouse	137	40	33	-	0	0	0	169	491	84	0	7.6	050	21	29	09	35	29	0820	
	Edinburgh, Blackford Hill	496	50	34	-	0	2	11	226	372	135	0	8.1	210	25	31	06	45	31	0520	
6a Argyll	Tiree	89	60	47	-	0	4	22	416	178	128	0	11.3	020	26	29	13	36	31	0030	
Bute	Millport	50	34	34	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Renfrew	Paisley	188	81	31	-	0	0	0	150	502	92	0	7.7	270	17	31	14	30	31	1220	
	Renfrew	71	41	39	-	0	0	0	374	261	44	0	12.3	310	35	2	03	46	2	0135	
Lanark	Lowther Hill	2412	43	33	2	2	12	63	374	261	44	0	12.3	310	35	2	03	46	2	0135	
Ayr	Prestwick Airport	68	33	33	-	0	0	0	234	389	121	0	8.2	260	19	31	09	30	29	1455	
Dumfries	Chapelcross	310	50	50	-	0	0	0	238	425	81	0	8.5	080	20	29	19	36	29	1750	
	Eskdalemuir Observatory	825	50	35	-	0	0	0	40	411	293	0	4.6	250	15	31	10	33	29	1730	
Wigtown	West Freugh	81	33	33	-	0	0	0	228	421	95	0	8.3	320	20	4	16	33	29	1320	
ENGLAND and WALES																					
6b Isle of Man	Ronaldsway	119	64	39	-	0	8	34	268	344	98	0	9.9	210	31	27	24	40	29	0715	
	Point of Ayre	64	33	33	-	0	2	3	391	329	21	0	10.9	280	23	29	16	34	28	1605	
2 Durham	Durham	389	53	33	-	0	0	0	124	345	275	0	5.7	280	16	31	15	34	31	1320	
	South Shields	73	57	44	-	0	1	4	122	439	179	0	6.8	010	26	29	19	37	29	1945	
Yorks., E.R.	Kilnsea	76	39	33	-	0	1	6	163	446	129	0	7.8	270	26	29	15	43	29	1355	
Lincoln	Cranwell	288	47	47	-	0	7	46	396	296	6	0	12.4	360	25	16	07	53	23	1735	
3 Norfolk	Gorleston	54	43	43	-	0	1	2	138	501	103	0	7.7	270	23	29	16	46	29	1525	
Suffolk	Mildenhall	98	83	60	-	0	0	0	191	474	79	0	8.2	260	20	29	15	35	29	0920	
Bedford	Bedford	322	42	30	-	0	3	25	361	310	48	0	10.8	230	26	29	12	54	23	1420	
	Cardington	226	133	133	-	0	0	0	43	577	124	0	5.8	270	19	29	13	43	29	1215	
Hertford	Garston	307	50	33	-	0	0	0	19	440	285	0	4.8	240	15	29	12	35	29	1230	
	Rothamsted	461	41	33	-	0	1	3	238	446	57	0	8.9	260	23	29	15	38	29	1050	
Essex	Stansted	351	31	31	-	0	1	2	191	505	33	13	8.8	300	23	29	15	43	23	1705	
	Coryton	66	57	48	-	0	1	2	381	289	22	0	12.1	210	34	29	02	48	29	1445	
	Shoeburyness	118	106	91	29	1	6	51	381	289	22	0	12.1	210	34	29	02	48	29	1445	
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	9	264	471	0	3.0	280	14	26	15	35	29	1610	
Warwick	Edgbaston	643	118	73	-	0	0	0	75	636	33	0	7.1	270	17	29	15	31	29	1355	
	Elmdon	343	31	31	-	0	1	4	176	476	88	0	8.0	260	23	29	14	37	29	1305	
Buckingham	Amersham	500	50	50	-	0	0	0	39	573	111	21	6.2	240	16	29	13	34	29	1200	
Stafford	Keele	706	50	33	-	0	0	0	13	329	402	0	3.9	190	13	28	02	30	29	1525	
Worcester	Pershore	154	33	33	-	0	1	4	207	416	117	0	8.0	260	23	29	11	39	29	2050	
5 London	Kingsway	306	229	125	-	0	1	9	386	335	14	0	11.1	240	24	29	17	42	29	1330	
Middlesex	London(Heathrow) Airport	115	33	33	-	0	4	18	292	426	8	0	10.1	240	27	29	14	45	29	1305	
	Hampton	139	101	100	-	0	1	1	140	471	132	0	7.3	250	24	29	14	40	29	1605	
Surrey	Kew Observatory	92	75	50	-	0	0	0	143	534	87	0	7.8	210	21	23	15	41	29	1330	
	Gatwick	232	38	33	-	0	0	0	143	437	164	0	7.0	220	19	23	14	35	28	1205	
Kent	Isle of Grain	48	40	33	-	0	0	0	175	429	140	0	7.8	260	20	29	16	36	29	1305	
	Dungeness	70	50	33	-	0	10	108	354	213	65	4	13.5	240	33	23	21	47	23	2035	
Dover	Dover	68	38	62	g	0	0	0	150	390	204	0	6.8	240	19	23	15	36	23	1505	
Sussex	Thorney Island	75	65	42	-	0	0	0	257	400	87	0	9.0	210	21	11	14	34	23	0930	
Hampshire	Hurn	86	53	46	-	0	3	8	356	347	33	0	10.5	210	24	28	24	34	23	1635	
	Calshot	50	41	33	-	0	1	10	234	412	88	0	9.0	250	26	29	14	46	23	0835	
	S. Farnborough	318	69	35	-	0	1	5	122	394	223	0	6.5	240	24	29	13	36	29	1140	
Berkshire	Abingdon	295	40	40	-	0	0	0	99	464	181	0	6.3	260	15	29	13	38	29	1215	
Wiltshire	Larkhill	491	51	36	-	0	3	6	249	417	72	0	9.0	230	24	23	13	36	29	1355	
	Boscombe Down	425	55	55	-	0	1	1	127	283	333	0	5.6	210	23	23	13	35	23	1200	
Porton	Porton	406	44	44	-	0	0	0	181	415	148	0	7.3	250	20	31	10	34	29	1735	
7a Cumberland	Carlisle	137	42	30	-	0	2	2	195	436	111	0	8.1	250	22	28	02	34	28	2125	
	Sellafield	83	39	35	-	0	1	2	163	470	109	0	7.7	030	25	29	19	39	29	1825	
	Spadadam	959	51	50	-	0	10	89	369	238	44	0	13.2	220	36	28	02	46	28	0130	
Westmorland	Great Dun Fell	2813	33	33	27, 28, 31	4	7	17	359	285	79										

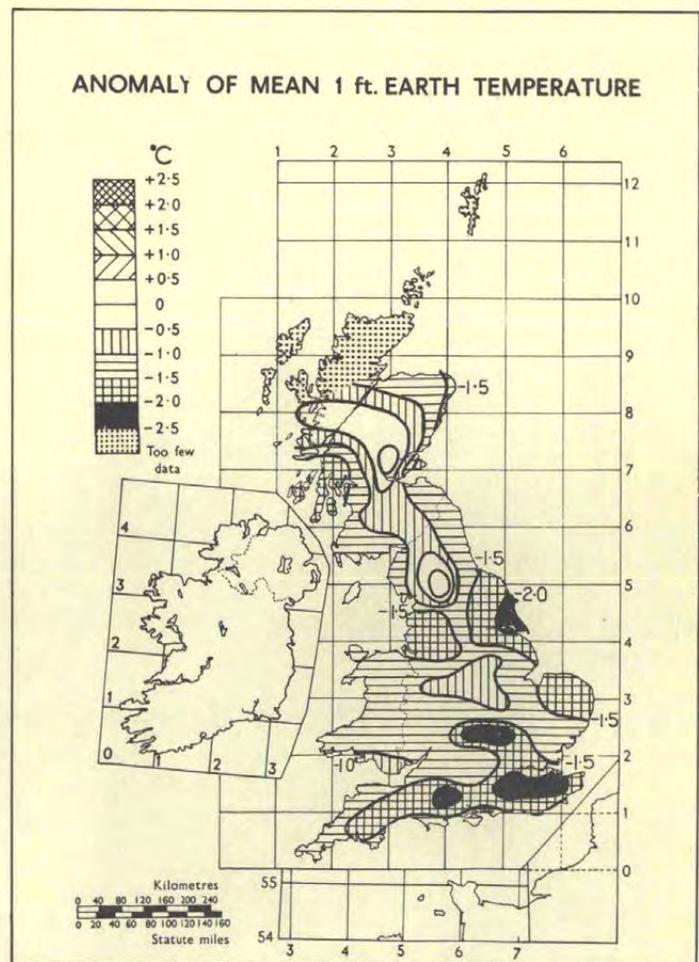
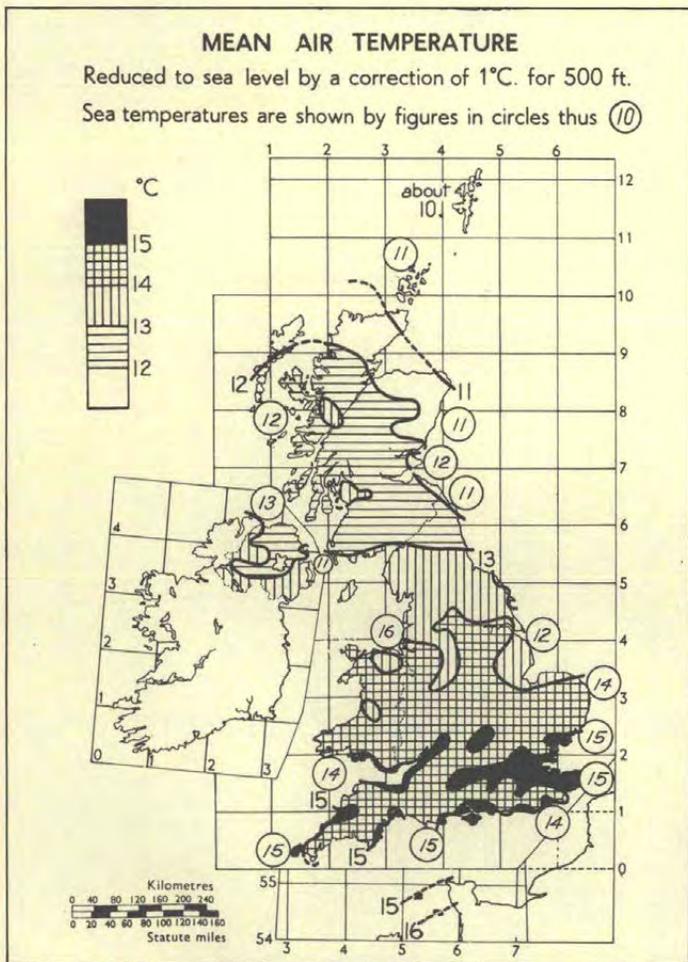
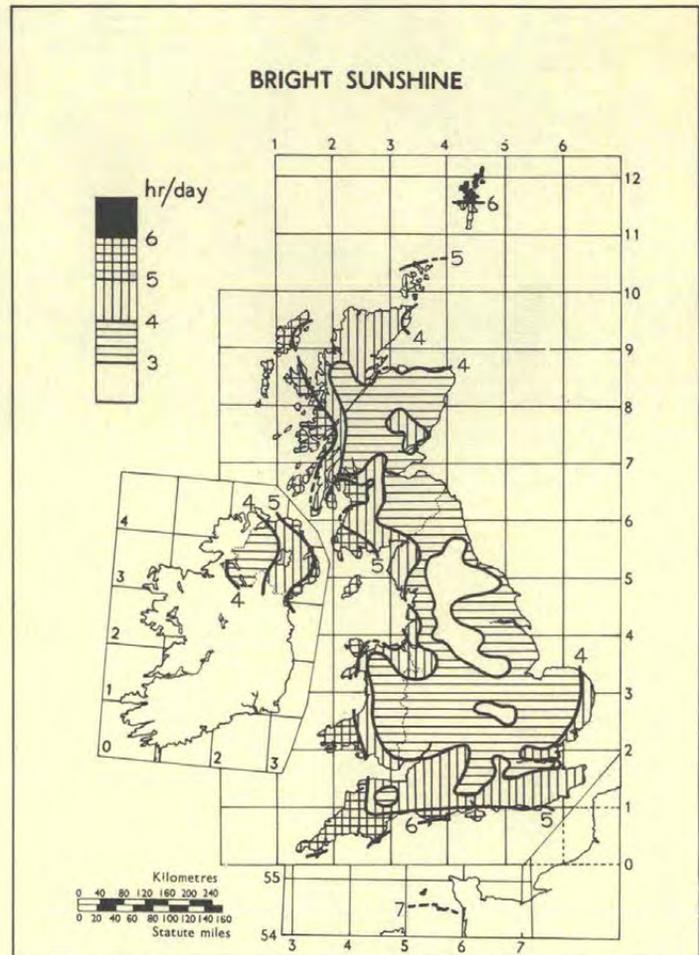
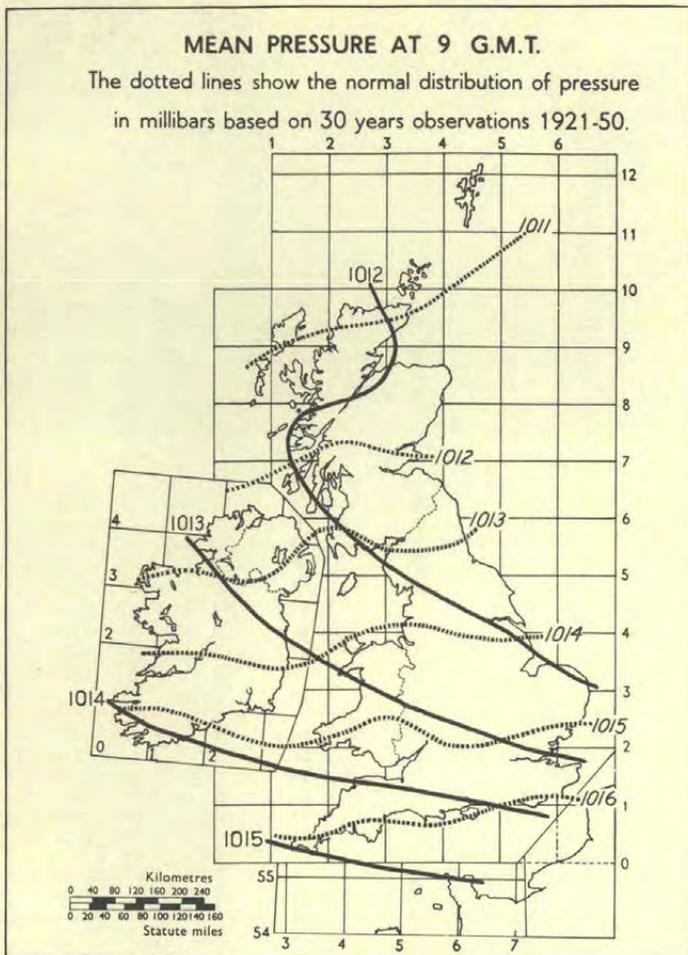






TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grass min below 0° C	Gale	Daily Mean	Percentage of Average		
			A	B			Maximum	Date	Minimum	Date					Amount	Date	0.1 in (0.2mm) or more	0.01 in (0.25mm) or more													
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%	
<b>1 SCOTLAND, E.—cont.</b>																															
Midlothian	Davidson's Mains	9 9	200	15.7	8.8	12.3	-3.2	19.4	22	4.4	30	13.8	-	4.74	162	.94	28	21	15	0	0	0	0	0	0	0	0	0	0	3.52	- S
—cont.	Penicuik ...	9 9	620	15.3	7.6	11.5	-	18.9	21, 22	1.1	16	13.9	-	5.87	162	1.41	29	20	17	0	0	0	0	0	1	2	0	0	0	3.46	-
	Bush House	9 9	605	14.5	7.7	11.1	-	17.8	21, 22	1.7	17	13.9	12.3	5.59	157	.94	29	23	17	0	0	0	0	0	0	0	0	0	0	3.68	-
	Edinburgh—																														
	.. Blackford Hill	9 9	441	15.2	8.9	12.1	-2.8	18.3	20, 21, 22	5.0	30	-	-	5.94	196	1.09	29	21	15	0	0	0	0	0	1	1	0	0	0	3.95	7
	.. Royal Bot. Gdns.	9 9	74	15.3	9.2	12.3	-2.9	18.3	20, 21, 22	4.4	30	14.9	-	4.95	180	.92	24	18	17	0	0	0	0	0	0	2	0	2	0	3.95	79
E. Lothian	Haddington ...	9 9	162	15.3	8.8	12.1	-	18.9	22	1.7	17	-	-	4.12	159	.70	24	20	16	0	0	0	0	0	1	0	0	0	0	3.71	-
	Dunbar ...	9 9	75	14.3	9.3	11.8	-2.8	18.9	22	3.9	17	-	-	2.98	126	.78	29	19	14	0	0	0	0	0	0	1	0	0	0	4.28	74
Berwick	Mertoun ...	9 9	225	16.2	7.9	12.1	-	21.1	21	0.0	17	-	-	5.00	-	1.06	28	20	18	0	0	0	0	0	0	0	0	0	4	3.62	-
	Lauder ...	9 9	600	15.5	7.4	11.5	-	19.4	21, 22	0.0	17	-	-	3.89	-	.64	23	19	12	0	0	0	0	0	1	1	0	1	0	3.72	-
	Marchmont	9 9	498	14.9	8.4	11.7	-2.8	19.4	22	3.3	17	-	-	4.77	162	.94	29	18	14	0	0	0	0	0	2	0	0	0	0	3.77	75 S
	Whitchester	9 9	838	14.7	7.2	10.9	-	17.8	18, 21, 22	0.0	17	-	-	4.63	139	.90	29	20	15	0	0	0	0	0	1	0	0	0	0	-	-
	St. Abb's Head	9 9	245	13.6	9.7	11.7	-	16.5	26	5.6	31	-	-	-	-	-	-	-	-	0	0	0	0	0	2	2	0	0	-	-	
Peebles	Stanhope Farm	9 9	741	15.2	6.9	11.1	-	20.0	19	0.0	16	-	-	4.45	124	1.26	28	15	15	0	0	0	0	0	0	0	0	2	0	-	-
	Blyth Bridge	9 9	830	14.5	7.2	10.9	-	18.3	19, 21	2.2	30	-	-	4.50	142	1.04	28	17	15	0	0	0	0	0	1	0	0	2	0	3.65	-
	West Linton	9 9	800	14.2	6.8	10.4	-	17.8	19, 22	2.2	16, 17, 18	12.9	12.2	4.38	118	.94	28	18	14	0	0	0	0	0	1	0	0	2	0	-	-
	Glentress	9 9	580	16.2	7.0	11.6	-	20.6	19	0.6	16, 17	-	-	5.32	213	1.15	28	20	16	0	0	0	0	0	1	0	0	0	0	-	-
	600	9 9	600	15.8	7.7	11.7	-	20.6	22	1.1	17	-	-	5.01	172	1.20	28	16	13	0	0	0	0	0	1	0	0	0	0	-	-
Selkirk	Bowhill	9 9	560	16.1	7.6	11.9	-	20.6	19	-0.6	17	-	-	3.94	124	.52	12	17	15	0	0	0	0	1	0	4	0	1	0	-	-
Roxburgh	Wauchope	9 9	900	14.9	7.7	11.3	-	20.0	18	1.7	17	-	-	4.47	-	1.03	28	21	16	0	0	0	0	0	0	0	0	4	0	3.74	-
	Sourhope	9 9	900	14.9	7.7	11.3	-	20.0	18	1.7	17	-	-	4.47	-	1.03	28	21	16	0	0	0	0	0	0	0	0	4	0	3.74	-
<b>6a SCOTLAND, W.</b>																															
Argyll	Tiree ...	21-9	29	14.8	10.0	12.4	-1.3	19.8	19	6.5	10	-	-	4.24	125	1.28	28	17	10	0	0	0	0	0	0	0	0	0	0	5.86	112
	Rhuvaal ...	21-9	65	14.5	9.9	12.2	-	18.8	17	6.8	10	-	-	5.16	122	1.50	28	15	12	0	0	0	0	0	0	0	0	0	0	-	-
	Colonsay	9 9	87	15.9	9.1	12.5	-1.3	20.0	19, 20	3.9	10	-	-	6.50	168	3.06	28	19	13	0	0	0	0	0	0	0	0	0	0	-	-
	Tobermory	9 9	270																												
	Craighouse	9 9	10	16.3	9.3	12.8	-	21.7	20	6.1	10, 17, 30	-	-	6.88	-	2.14	28	12	10	0	0	0	0	0	0	0	0	0	0	-	-
	Machrihanish	9 9	33	15.3	9.5	12.4	-	19.8	19	3.4	30	-	-	5.20	-	1.57	20	15	11	0	0	0	0	0	1	0	0	1	0	4.77	-
	Campbeltown	9 9	10	16.0	9.8	12.9	-	20.0	17	5.0	30	-	-	5.03	-	1.55	20	12	11	0	0	0	0	0	0	0	0	0	0	5.33	-
	Achaglachgach	9 9	40	16.9	7.9	12.4	-	20.6	19, 20	1.1	30	-	-	6.33	143	1.73	28	13	12	0	0	0	0	0	1	0	0	0	0	-	-
	Lephinmore	9 9	30	16.5	8.8	12.7	-	21.7	20	2.8	30	-	-	4.52	93	1.18	28	16	11	0	0	0	0	0	1	0	0	0	0	4.55	-
	Glenbranter	9 9	80	16.0	7.5	11.7	-	20.6	15, 20	0.6	30	-	-	4.74	-	1.00	28	15	11	0	0	0	0	0	0	0	0	3	0	-	-
	Benmore	9 9	46	16.4	7.1	11.7	-2.7	20.6	17, 20	0.6	10	13.8	12.9	6.16	-	1.48	27	15	13	0	0	0	0	0	0	0	0	3	0	3.51	- S
	.. Forestry Sch.	9 9	40	16.8	8.4	12.3	-	21.1	17	2.2	30	-	-	6.50	107	1.37	27	16	11	0	0	0	0	0	0	1	0	1	0	-	-
	.. Younger B.G.*	9 9	40	16.8	8.4	12.3	-	21.1	17	2.2	30	-	-	6.50	107	1.37	27	16	11	0	0	0	0	0	0	1	0	1	0	-	-
Bute	Rothsay	9 9	150	15.9	9.2	12.5	-1.9	20.0	18	3.9	30	13.4	12.4	4.60	108	1.40	28	13	10	0	0	0	0	0	0	0	0	1	0	5.03	100
	Millport	9 9	16																												
Dunbarton	Finnart	9 9	50	15.9	8.8	12.3	-	22.2	17	2.8	30	-	-	4.02	-	.96	28	13	12	0	0	0	0	0	0	0	0	0	0	-	-
	Helensburgh	9 9	293	16.2	8.3	12.3	-2.4	20.0	17, 20	2.8	30	-	-	4.17	100	1.07	28	16	12	0	0	0	0	0	0	0	0	0	0	3.80	81 S
	Cumbernauld	9 9	310	16.1	8.5	12.3	-	19.4	18	1.7	30	-	-	4.55	-	1.08	28	15	13	0	0	0	0	0	2	0	0	0	0	-	-
Stirling	Earls Hill	9 9	1100	13.6	6.2	9.9	-	16.2	16	2.5	30	-	-	6.42	-	1.45	28	17	10	0	0	0	0	0	0	0	0	0	0	4.29	-
	Stirling	9 9	151	16.7	9.2	12.9	-2.5	20.6	2	3.9	30	16.2	12.7	4.66	148	1.03	24	17	13	0	0	0	0	0	1	0	0	0	0	4.94	-
	Falkirk	9 9	100	16.3	8.9	12.6	-2.8	18.9	18, 21, 25	4.4	30	-	-	4.48	139	.90	28	15	13	0	0	0	0	0	0	0	0	0	0	-	-
Renfrew	Greenock	9 9	200	15.9	9.4	12.7	-2.4	19.4	18, 20	5.0	30	-	-	4.70	115	1.40	28	16	13	0	0	0	0	0	0	0	0	0	0	5.27	-
	106	9 9	106	16.8	9.6	13.2	-2.4	21.1	17, 20	3.9	30	14.8	12.3	3.87	119	1.04	28	14	11	0	0	0	0	0	0	0	0	0	0	4.75	94
	Paisley	9 9	97	15.9	8.6	12.3	-	20.0	17, 18, 20	1.1	30	-	-	3.93	114	1.17	28	13	11	0	0										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 8h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass mown below	Gale	Daily Mean	Percentage of Average			
			A	B			Maximum	Date	Minimum	Date						0.1 in (0.2mm) or more	0.01 in (0.1mm) or more														
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in	%	in																
2 ENGLAND, N.E. cont.																															
Northumberland cont.	Berwick-on-Tweed	9 9	76	14.2	9.2	11.7	-2.8	19.4	22	4.4	17	-	-	4.21	174	.74	29	19	16	0	0	0	0	2	0	0	0	0	0	-	-
	Cockle Park	9 9	326	14.9	8.1	11.5	-3.0	20.0	22	3.9	17	13.5	-	4.37	152	1.02	29	18	16	0	0	0	0	1	1	0	1	0	3.30	63	
Durham	Acklington	21-9	138	15.2	8.6	11.9	-	20.5	22	3.5	16	-	3.50	133	.99	29	19	13	0	0	0	0	2	0	0	0	0	3.72	- 5		
	Tynemouth	21-9	95	14.7	10.1	12.4	-2.7	20.5	22	7.2	31	-	2.58	87	.65	29	18	14	0	0	0	0	0	2	0	0	1	3.65	67		
	Seahouses	21-9	37	14.1	8.9	11.5	-	18.1	28	5.0	5	-	3.31	-	.80	29	17	13	0	0	0	0	3	2	0	0	0	3.64	-		
	Chopwellwood	9 9	446	15.6	8.4	12.0	-3.0	19.4	12,21,22	3.9	17	-	4.60	150	1.01	29	20	15	0	0	0	0	0	0	0	2	0	-	-		
	Ushaw College	9 9	594	15.6	8.1	11.9	-3.1	19.4	21,22	3.9	31	-	3.69	128	1.11	24	17	12	0	0	0	0	0	5	0	0	0	-	-		
	Houghall	9 9	123	16.4	7.7	12.1	-3.1	21.1	22	0.6	10,17	-	3.88	133	1.41	24	18	15	0	0	0	0	3	0	0	4	0	3.05	59		
	Durham	9 9	336	16.8	8.3	12.5	-2.8	21.1	22	3.9	31	14.6	12.8	3.69	132	1.47	24	17	14	-	-	-	-	-	-	0	0	2.80	54		
	Gateshead	9 9	509	-	9.2	-	-	-	-	6.1	3,16	-	-	3.20	115	.66	29	18	13	-	-	-	-	0	0	0	0	0	2.93	-	
	West Hartlepool	9 9	30	16.0	10.2	13.1	-	20.6	22,29	5.6	31	-	-	2.80	111	.82	24	15	9	0	0	0	3	1	0	0	0	0	3.39	-	
	Yorks., N. Riding	Dishforth	21-9	105	17.6	9.8	13.7	-2.4	22.1	22	4.8	8,31	-	2.06	83	.44	23	17	8	0	0	0	1	0	0	0	0	0	2.92	50	
Thirsk		9 9	111	17.5	8.9	13.2	-	21.1	12,21,22	2.8	31	-	-	1.88	-	.26	13	16	12	0	0	0	2	0	0	0	3	0	-	-	
Ampleforth		9 9	313	16.2	8.7	12.5	-3.0	19.4	12,22	5.0	5,31	-	-	2.62	90	.80	13	19	12	-	-	-	-	0	0	4	-	-	- 8		
Redcar		9 9	25	16.3	10.4	13.3	-	20.6	18	7.2	5,31	-	-	2.76	112	.86	24	18	12	-	-	-	-	1	0	-	-	3.03	-		
Pickering		9 9	143	17.3	8.7	13.0	-	21.1	12,22	2.8	10	-	-	2.54	-	.62	22	18	11	0	0	0	2	0	0	0	0	0	-	-	
Whitby		9 9	135	15.6	10.0	12.8	-	20.0	29	6.1	5,6	-	-	2.30	91	.38	24	15	11	0	0	0	2	2	0	0	0	3.29	60		
Scarborough		9 9	118	16.9	10.3	13.6	-2.4	20.0	24,29	7.2	4	15.3	13.5	2.65	107	.95	13	18	12	0	0	0	0	2	0	0	0	3.18	54		
Silpho Moor		9 9	665	15.2	8.3	11.7	-	18.3	24	4.4	8	12.5	-	2.70	84	.43	13	26	15	0	0	0	1	7	0	0	0	2.94	-		
Whitby C/Guard		21-9	200	15.0	10.1	12.5	-	20.2	28	4.2	5	-	-	2.14	-	.34	24	14	12	0	0	0	0	3	0	0	0	0	-	-	
Yorks., E. Riding		High Mowthorpe	9 9	574	15.6	8.6	12.1	-	20.0	12	3.9	5	14.3	-	3.83	132	1.56	13	22	15	0	0	0	1	1	0	1	0	3.35	-	
	Hull	9 9	8	17.5	10.7	14.1	-2.7	21.7	12	6.1	8	14.8	12.1	2.31	96	.30	25	19	13	0	0	0	0	0	0	0	0	3.05	54		
	Leconfield	21-9	24	17.0	9.9	13.5	-	21.2	12	4.6	8	-	-	1.43	-	.31	13	14	13	0	0	0	3	0	0	1	0	2.84	-		
	Leyburn	9 9	122	15.4	7.9	11.7	-	19.4	13,29	4.4	8	-	-	3.37	138	1.80	13	18	11	0	0	0	0	4	0	0	0	3.25	-		
	Bridlington	9 9	157	15.8	9.3	12.5	-	20.0	22	3.9	8	-	-	-	-	.49	25	14	10	0	0	0	0	0	0	0	0	3.49	-		
	Kilnsea	21-9	40	18.0	10.2	13.1	-	20.0	12	4.5	5	-	-	2.44	-	.49	25	14	10	0	0	0	2	0	0	0	0	-	-		
	Navenby	9 9	60	17.7	9.1	13.4	-	21.7	19	1.1	4	-	-	3.49	-	.79	21	15	14	0	0	0	5	0	0	6	0	-	-		
	Waddington	21-9	224	16.9	9.8	13.3	-3.0	20.8	19	5.1	4	-	-	3.72	-	.75	21	16	13	0	0	0	5	0	0	0	0	3.26	-		
	Lincoln	9 9	22	17.4	9.9	13.1	-	21.7	19	0.0	4	15.4	13.4	3.37	139	.57	20	16	12	0	0	0	3	0	0	4	0	3.10	-		
	Cranwell	9 9	205	17.1	9.8	13.5	-2.8	20.6	19	4.5	4	15.6	14.0	2.35	93	.31	25	17	14	0	0	0	3	0	0	1	0	-	-		
Lincoln	Brigg	9 9	10	19.7	8.8	14.3	-	21.7	12	2.8	4,8	-	-	2.71	-	.61	21	15	11	0	0	1	0	2	0	0	3	0	-	-	
	Caistor	9 9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Cleethorpes	9 9	23	17.1	10.9	14.0	-2.3	21.1	12	7.2	4	-	-	1.95	87	.35	11,28	13	11	-	-	-	-	0	0	0	0	2.65	43		
	Manby	21-9	55	17.4	10.0	13.7	-	21.1	12	5.4	4	-	-	1.96	92	.47	28	14	11	0	0	0	5	0	0	0	0	3.49	-		
	Skegness	9 9	15	17.6	10.1	13.9	-2.3	20.6	29	6.1	9	-	-	2.80	126	.58	11	17	15	0	0	0	0	1	0	0	0	3.86	158		
	3 ENGLAND, E.																														
	Norfolk	Terrington	9 9	13	17.8	10.0	13.9	-	21.7	22	3.3	4	15.4	-	3.47	162	.94	25	14	11	0	0	0	3	0	0	0	0	3.60	-	
		St. Clement	21-9	76	17.9	10.4	14.1	-	22.5	19	4.0	4	-	-	2.88	-	.48	28	17	14	0	0	0	6	0	0	0	0	-	-	
		Marham	9 9	80	18.6	-	-	-	23.3	19	1.1	5	15.2	13.3	2.69	95	.62	11	19	15	-	-	-	-	0	2	-	-	3.15	-	
Santon Downham		21-9	250	17.1	10.0	13.5	-	21.6	19	5.0	5	-	-	4.03	139	.91	25	19	15	0	0	0	5	0	0	0	0	3.56	-		
West Raynham		9 9	178	16.4	10.7	13.5	-2.9	21.1	14	7.8	4,5	-	-	2.30	87	.39	28	18	13	-	-	-	0	0	0	0	0	3.51	56		
Cromer		9 9	93	18.2	9.8	14.0	-2.6	22.8	14	5.0	4,5	14.9	-	3.81	148	.6	25	19	16	0	0	0	5	-	0	1	0	3.67	59 8		
Sproston		21-9	55	17.6	10.5	14.1	-	21.9	14	4.7	5	-	-	3.73	-	.53	25	20	16	0	0	0	4	0	0	0	0	-	-		
Coltishall		9 9	89	17.9	10.4	14.1	-	22.2	14	5.0	4,5	-	-	4.15	166	.70	19	17	13	0	0	0	2	5	0	0	0	4.16	-		
Burlingham		21-9	12	17.6	11.6	14.6	-1.7	22.5	14	5.6	5	-	-	3.02	131	.52	23	19	15	0	0	0	6	0	0	0	1	4.23	62		
Suffolk		Gorleston	9 9	15	18.5	10.5	14.5	-2.3	23.4	19	2.8	4	-	-	2.85	118	.76	23	18	12	0	0	0	3	0	0	1	0	3.80	61	
	Mildenhall	21-9	246	18.1	10.0	14.1	-	22.2	19	3.9	4	-	-	2.79	-	.57	20	18	12	0	0	0	5	0	0	0	0	3.94	-		
	Broom's Barn	9 9	14	19.3	10.1	14.7	-	23.3	14	2.8	4	-	-	3.97	189	.86	22	18	10	-	-	-	-								



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER (Number of days)								BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day		Precip'n		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	Per-centage of Average		
			A Max.	B Min.		Max.	Date	Minimum	Date					Amount	Date	0.1 in. (0.2mm) or more	0.1 in. (1.0mm) or more													
			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%			
5 ENGLAND, S.E.—cont.																														
Surrey			21-9	18	19.3	12.3	15.8	-1.8	23.6	14,19	7.0	4	15.9	14.0	2.15	88	.47	23	17	13	0	0	0	0	0	0	0	0	3.99	62
cont.			21-9	192	18.9	10.5	14.7	-	22.7	19	3.6	4	-	-	2.56	-	.70	11	14	11	0	0	1	0	3	0	0	0	4.14	-
			9 9	220	18.4	11.4	14.9	-2.4	21.7	19	5.0	4	-	-	2.62	107	.58	11	16	14	-	-	-	-	-	-	-	-	-	-
			9 9	474	18.2	10.4	14.3	-2.4	21.7	14	5.0	4,5	-	-	3.46	131	.81	23	18	16	-	-	-	-	-	-	-	-	-	-
Kent			9 9	213			11.4	-	21.7	19	5.6	4	-	-	2.71	118	.80	7	16	14	-	-	-	-	-	-	-	-	-	-
			9 9	177	18.8	10.7	14.7	-	21.7	14,19	2.2	4	15.8	-	2.31	-	.66	7	17	9	0	0	1	0	6	0	1	0	3.52	-
			9 9	17	19.5	11.4	15.5	-	23.3	14	4.4	4	-	-	2.48	116	.77	7	15	9	0	0	1	0	4	0	0	0	-	-
			21-9	304	18.6	10.4	14.5	-	22.1	19	5.6	4	-	-	2.28	-	.63	11	15	10	0	0	0	0	3	0	0	0	4.51	-
			9 9	280	18.3	10.3	14.3	-	22.8	19	2.8	4	-	-	1.93	76	.80	11	17	11	0	0	0	0	1	0	0	2	0	-
			9 9	122	19.1	10.7	14.9	-1.8	22.8	14,19	2.8	4	16.2	14.7	2.35	100	.56	25	15	10	0	0	0	0	2	0	0	0	4.07	61
			9 9	14	19.5	12.0	15.7	-	22.8	14,20	7.2	4	-	-	1.41	-	.45	11	11	8	0	0	0	0	0	0	0	0	3.99	-
			9 9	224	18.6	10.7	14.7	-	21.7	14,20	4.4	4	15.7	14.2	1.58	68	.40	11	14	9	0	0	0	0	2	0	0	0	0	-
			9 9	9	19.2	12.2	15.7	-	22.8	14	8.9	4	-	-	2.04	-	.58	22	10	8	0	0	1	0	1	0	0	0	3.80	-
			9 9	157	18.6	10.7	14.7	-	22.2	20	4.4	4	15.9	14.5	1.81	-	.40	11	15	11	0	0	0	0	2	0	0	0	4.01	-
			21-9	10	17.4	12.1	14.7	-1.6	19.4	18	5.4	4	-	-	2.00	100	.65	30	14	10	0	0	0	0	2	0	0	0	-	-
			9 9	185	18.4	11.1	14.7	-1.9	21.7	14,19	4.4	4	-	-	2.41	95	.65	11	17	11	0	0	2	0	2	0	0	0	4.03	59
			9 9	9	18.8	12.0	15.4	-	23.3	14	6.7	5	-	-	1.83	93	.42	23	15	10	0	0	0	0	3	0	0	0	3	4.37
			9 9	128	17.9	11.7	14.8	-	19.4	4,19,26	6.7	4	-	14.4	2.32	105	.67	11	16	11	0	0	0	1	1	0	0	0	4.59	-
			9 9	28	18.7	10.8	14.7	-	23.3	14	5.6	5	-	-	2.06	-	.33	9,11	20	12	-	-	-	-	-	-	-	-	-	-
			9 9	21	19.3	12.5	15.9	-	23.3	14	8.9	5	-	-	1.80	87	.37	11	15	10	0	0	0	0	2	0	0	0	4.15	-
			9 9	19	17.8	12.4	15.1	-1.7	19.4	19,20	7.2	4	16.8	15.7	2.28	97	.68	11	17	12	0	0	0	0	1	0	0	0	4.58	-
			21-9	18	18.0	12.2	15.1	-	21.3	14	6.1	4	-	-	1.72	-	.46	11	16	11	0	0	0	0	1	1	0	0	-	-
			21-9	145	18.1	11.2	14.7	-	22.0	14	7.1	5	-	-	1.69	-	.35	7	14	10	0	0	0	0	2	1	0	0	-	-
			9 9	80	17.9	12.3	15.1	-	21.1	14	8.9	4,5	-	-	1.99	91	.36	7,11	14	10	0	0	0	0	1	1	0	0	4.86	69
			9 9	51	18.1	12.8	15.5	-1.9	21.7	14,20,29	9.4	5	16.1	14.6	1.72	87	.50	7	16	19	0	0	0	0	1	1	0	0	4.63	62
Sussex			21-9	10	18.4	12.0	15.2	-	22.3	2	7.1	4	-	-	2.39	117	.80	11	16	9	0	0	0	0	1	0	0	0	4.69	-
			9 9	24	17.6	11.7	14.7	-1.9	20.0	2	7.2	17	-	14.7	3.17	151	1.40	11	17	11	0	0	0	0	0	0	0	1	5.35	78
			9 9	188	18.6	10.5	14.5	-	22.2	19	3.9	4	16.0	-	3.21	120	.75	11	16	12	0	0	0	0	1	0	0	0	4.53	-
			9 9	15	17.9	11.8	14.9	-1.7	20.6	2	6.7	4	-	14.8	2.47	112	1.16	11	14	9	0	0	0	0	0	0	0	0	5.23	74
			9 9	10	18.0	11.7	14.9	-	20.6	2	6.7	10,17	-	-	13.9	2.70	-	1.20	11	14	10	-	-	-	-	-	0	0	4.08	-
			9 9	25	18.4	12.5	15.5	-1.4	20.6	2	8.3	4,17	16.2	14.4	3.30	154	1.36	11	16	9	0	0	0	0	0	0	0	0	4.98	69
			9 9	32	17.4	12.7	15.1	-	19.4	16,19	8.9	17	-	15.4	4.68	216	2.20	30	14	10	0	0	0	0	1	0	0	0	4.41	83
			9 9	400																										
			21-9	130	18.0	10.5	14.3	-	22.1	19	3.2	4	-	-	2.67	-	.88	11	15	10	0	0	0	0	2	0	0	1	4.20	-
			9 9	23	17.7	12.6	15.1	-1.7	19.4	14,16,19	8.3	4	16.9	15.4			1.37	11			0	0	0	0	1	0	0	1	5.06	67
			21-9	17																										
			9 9	12	17.3	12.3	14.8	-1.8	19.4	2,19	7.2	4	16.9	-	3.99	186	1.40	30	17	12	0	0	0	0	0	0	0	2	4.39	63
			9 9	73	18.9	10.9	14.9	-	22.8	19	4.4	4,5	16.8	14.4	2.31	95	.92	11	15	10	0	0	0	0	3	0	0	0	3.88	-
			9 9	149	17.4	12.0	14.7	-2.0	20.0	19	6.7	4	17.3	15.7	4.16	184	1.43	30	13	12	0	0	0	0	1	0	0	0	4.42	62
Berkshire			9 9	350	18.3	10.1	14.2	-	21.7	14	3.3	17	-	-	-	-	-													
			21-9	210	18.5	10.4	14.5	-2.5	22.0	14	2.4	4	-	-	2.08	83	.41	23	18	12	0	0	1	0	3	0	0	0	3.74	-
			9 9	339																										
			9 9	157	18.3	9.9	14.1	-	22.8	14	2.8	17	15.8	13.6	2.45	-	.63	11	17	12	0	0	0	0	2	0	0	0	3.68	-
			9 9	200	18.8	10.7	14.7	-2.2	22.8	14	3.3	4	-	-	3.18	127	.76	22	15	11	-	-	-	-	0	0	1	-	3.10	-
			9 9	148	18.8	11.3	15.1	-2.2	23.3	14	5.0	4	17.0	15.3	3.47	137	.65	11	15	12	0	0	1	0	5	0	0	0	3.57	-
			9 9	141	18.8	11.1	14.9	-	23.3	14	4.4	4	-	-	3.37	142	.65	11	15	12	0	0	0	1	5	0	0	1	3.52	-
			9 9	212	18.6	10.1	14.3	-	22.2	14	2.2	4	14.1	12.5	4.57	-	1.18	20	19	12	0	0	1	0	4	0	0	0	3.75	-
			9 9	140	18.6	10.8																								





TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY, 1965

Table with columns for District, County and Place; Hour of Observation; Mean Pressure; Mean Temperature and Humidity; Cloud Amount (OKTAS); Visibility; Wind, Number of Observations; and Direction. The table is organized into sections for 2 ENGLAND, N.E., 3 ENGLAND, E., and 4 MIDLAND COUNTIES, with sub-sections for various counties like Yorks., Norfolk, Suffolk, Bedford, Hertford, and Essex.





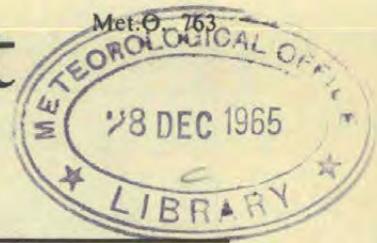




# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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



Volume 82 Number 8

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1965

### August 1965 — Changeable and rather cool

Weather during the month was predominantly cyclonic in character except from the 7th-17th, and on the 25th and 27th.

The cool showery weather at the end of July continued on the 1st, but rain became more continuous in western districts during the evening, as a depression approached western Ireland, and was widespread and locally heavy the next day as the disturbance moved eastwards across the British Isles. Many places in the south had more than an inch of rain.

The 3rd was a generally sunny day with normal temperature but on the 4th-6th a complex depression moved slowly north-eastwards from the west of Ireland to northern Scotland bringing periods of heavy rain to western Scotland where some places recorded as much as two inches. In south-east England weather remained mainly fair or fine.

Pressure rose rapidly on the 7th and, as a ridge of high pressure moved slowly eastwards across the country during the next two days, weather became sunny and dry nearly everywhere apart from a few light showers and also some scattered thunderstorms in eastern England on the 9th. By the 10th an anticyclone was centred over the southern North Sea and this anticyclone later became established over Scandinavia. An associated warm southerly airstream spread over the British Isles and afternoon temperatures rose above 24°C, in many places they reached 28°C locally on the 13th. The fine weather continued until the 17th, many places in southern England by then having been without measurable rain for two weeks.

Fronts associated with a disturbance approaching Iceland brought occasional slight rain to many northern and western districts of the British Isles on the 18th, and rain became persistent and locally heavy in the south-east on the night of the 19th/20th as a wave on the trailing cold front slowly cleared the country. Further rain from the Atlantic reached western districts the next evening and became widespread and locally heavy that night and the following morning as a complex depression moved eastwards across Scotland. Parts of north-west England and western Scotland had more than one inch of rain, and there were gales in exposed western coastal areas. Thunderstorms were widespread on the 22nd in the cold northerly airstream in the wake of the depression — in Lincolnshire, during a storm, soft hail accumulated to a depth of 4 inches — and after a generally sunny day on the 23rd wind again reached gale force in many districts on the 24th as a belt of heavy rain from the Atlantic swept across the country.

During the last week of the month there were long sunny periods on most days and any rain was mainly light, except on the 26th, when a shallow depression moved eastwards across southern England, and on the 29th and 31st in isolated thunderstorms in southern and eastern England.

**Pressure and Wind** — Mean pressure was below the 1921-50 average everywhere, the deficit ranging from -2.0 mb at Wick and Lerwick to

-0.2 mb at South Farnborough and Scilly. Surface winds were mainly between west and south-west until the 7th, then light and variable until the 17th apart from a period of light southerly winds on the 10th-13th. Westerly winds predominated during the remainder of the month except for northerlies on the 22nd and 31st. Winds reached gale force in Scotland on 12 days, and in England and Wales on the 5th, 12th, 20th-22nd, 24th, 25th and 31st (8 days). A gust of 65 kt was recorded at Blackford Hill, Edinburgh, on the 5th.

**Temperature** — Day temperatures were mainly below the average, the coldest days being at the beginning and end of the month, but were above the average for about a week from the 10th. The warmest days were on the 12th and 13th when temperatures exceeded 26°C in many southern districts and 24°C in parts of the north.

Extremes included: (England and Wales) 27.8°C at Valley on the 13th, 0.0°C at Alwen on the 9th and at Kielder Castle and Moor House on the 27th; (Scotland) 25.0°C at Poolewe on the 12th and 13th, -1.1°C at several places on the 2nd, 10th and 27th; (Northern Ireland) 23.9°C at Roscor on the 12th, 0.6°C at Lisnaffillan on the 8th and at Garvagh on the 9th.

**Precipitation** — In Scotland rainfall was below the average in most eastern districts being less than half the average on the Deeside and Glenesk (Angus) areas. In the west the largest excesses were in the Kinlochleven and Lochaber areas where amounts exceeded the average by 50 per cent. In England and Wales rainfall was mainly below the average in western and central districts, except in parts of Lancashire and Anglesey; it was more than 50 per cent below average locally in Herefordshire and Monmouth. In parts of Northamptonshire and locally on the Sussex coast rainfall was more than 150 per cent of the average.

Thunder was heard on 5 days in Scotland and on the 1st, 2nd, 9th, 10th, 13th, 21st-25th, 28th, 29th and 31st in England and Wales. Thunderstorms were widespread on the 22nd.

**Sunshine** — In Scotland sunshine was above the average in all eastern districts from the Moray Firth southwards, and in most of the south-west where excesses of more than 20 hours were recorded. In north-east England percentages ranged from 81 to 121 and most places in England, Wales and Northern Ireland were also within this range, sunshine being mainly above average in north-west England and below average in Northern Ireland.

**Fog** — In Scotland fog at 9h was reported at one place or another on 16 days (on 18 days at stations above 2,300 ft.) and in England and Wales on 15 days but on 18 days at Great Dun Fell, 2,780 ft.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on 7 nights.

TABLE I—DISTRICT VALUES— AUGUST, 1965 (1908, revised 1928, 1941, 1956 and 1964)

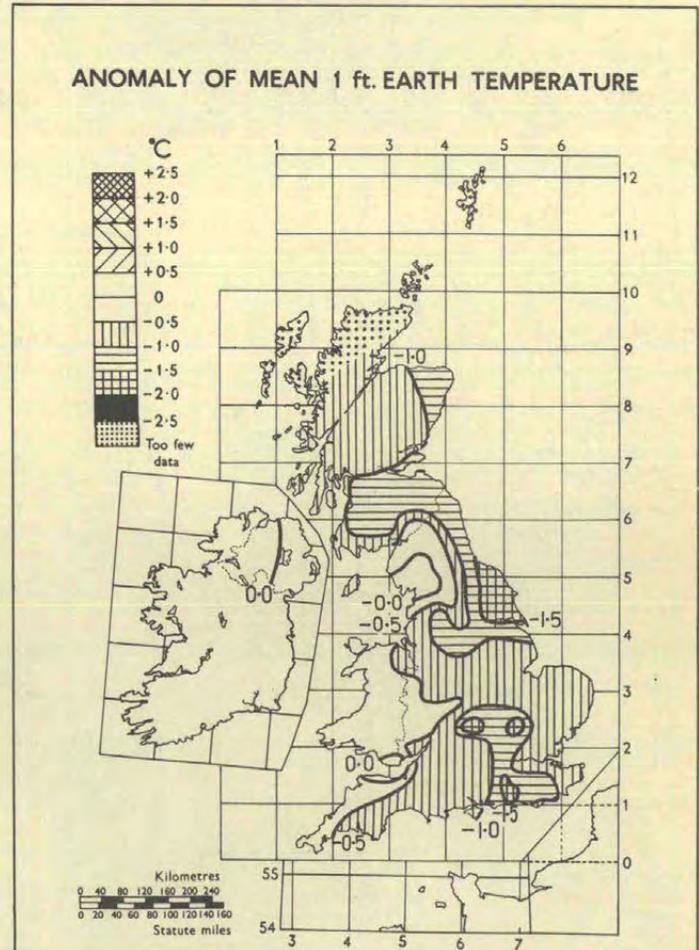
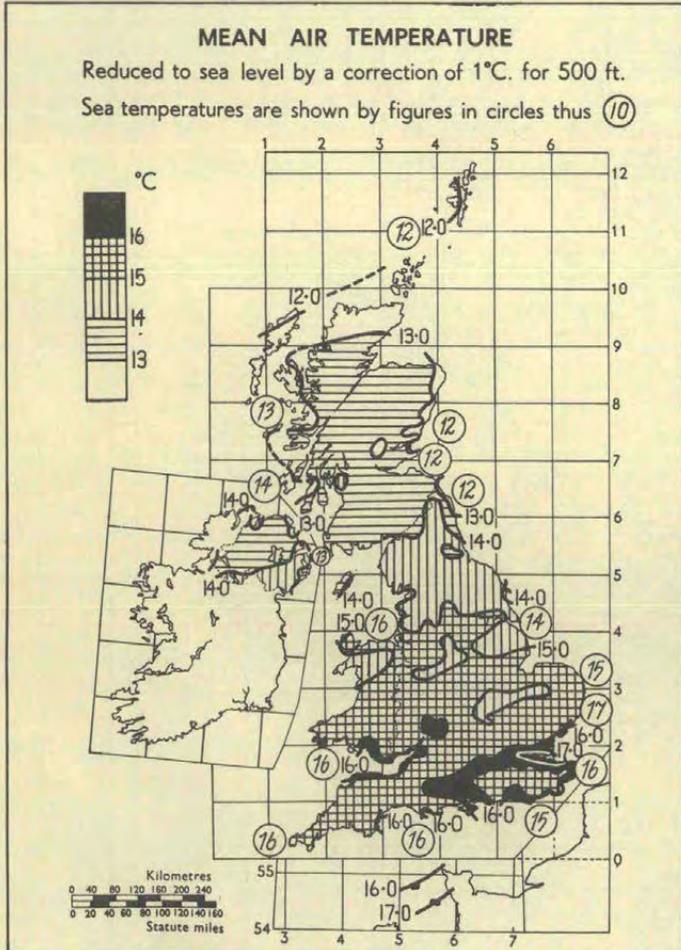
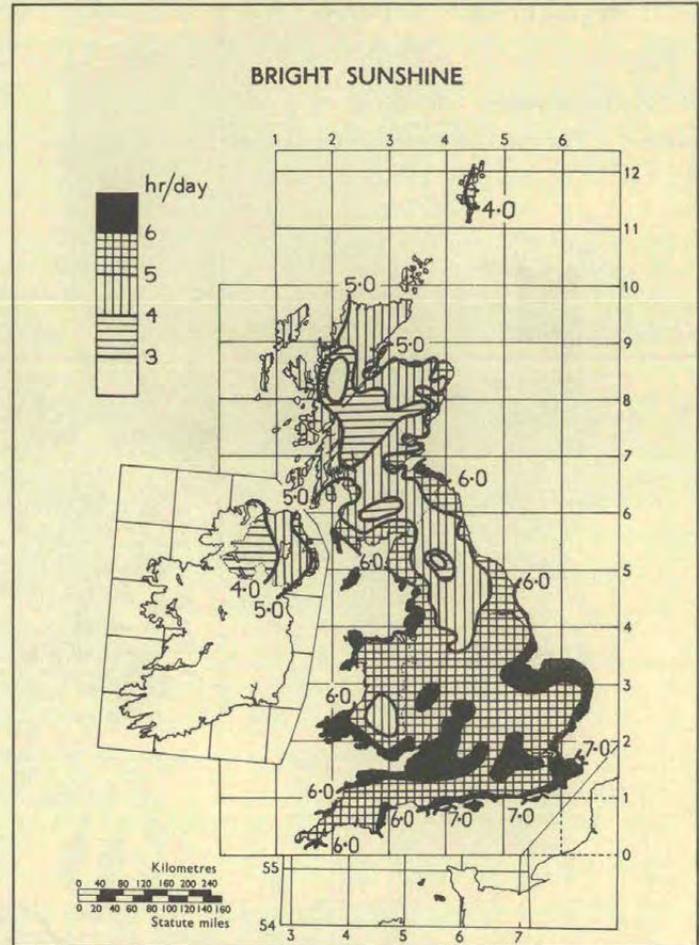
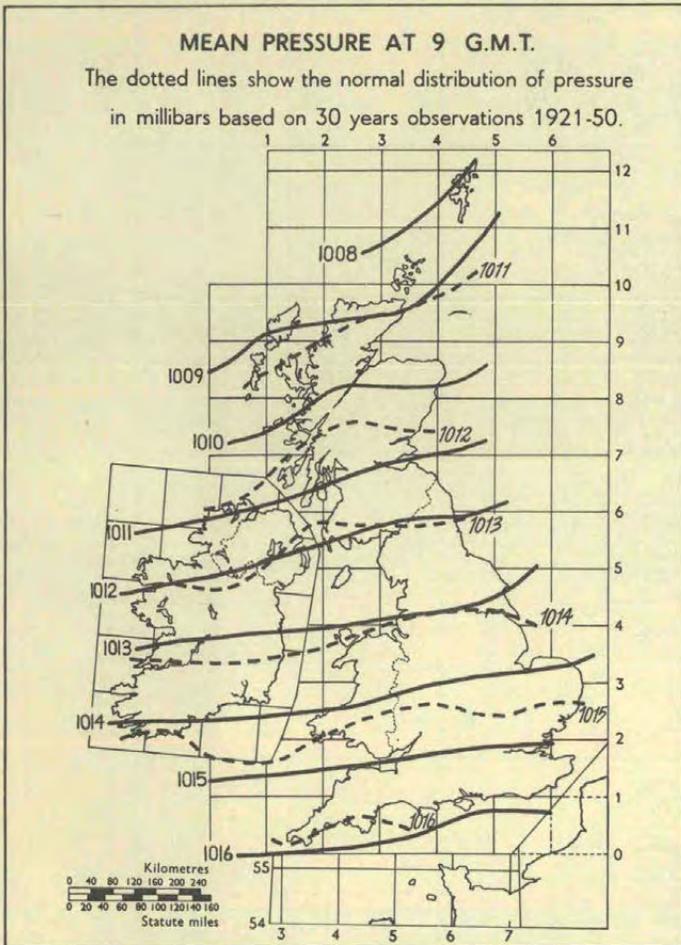
DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
0 SCOTLAND, N.	23.3	2.4	-0.8	-1.0	-0.9	-	-	0	112	102
1 SCOTLAND, E.	23.9	3.3	-1.0	-1.2	-1.1	-	-	0	76	114
2 ENGLAND, N.E.	24.0	3.9	-1.4	-1.4	-1.3	-1.3	-1.1	+2	96	96
3 ENGLAND, E.	26.1	5.0	-1.1	-1.0	-1.1	-1.1	-0.6	+1	110	101
4 MIDLANDS	25.6	4.4	-1.0	-1.1	-1.0	-0.7	-0.4	0	78	104
5 ENGLAND, S.E.	25.8	4.7	-1.0	-0.7	-0.8	-1.1	-0.9	0	100	95

\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
6 SCOTLAND, W.	24.8	-0.1	-1.2	-1.1	-1.1	-0.8	-0.9	0	108	104
7 ENGLAND, N.W. and N. Wales	25.6	3.3	-1.1	-0.6	-0.9	-1.0	-0.8	-1	83	111
8 ENGLAND, S.W. and S. Wales	25.6	3.3	-1.1	-0.6	-0.9	-0.2	+0.1	+2	81	100
N. IRELAND	23.3	0.9	-1.2	-0.7	-1.0	-	-	+2	100	90
SCOTLAND	24.8	-0.1	-1.0	-1.1	-1.0	-	-	0	95	107
ENG. and WALES	26.1	3.3	-1.1	-0.9	-1.0	-	-	+1	89	101

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND — AUGUST, 1965 (1914)

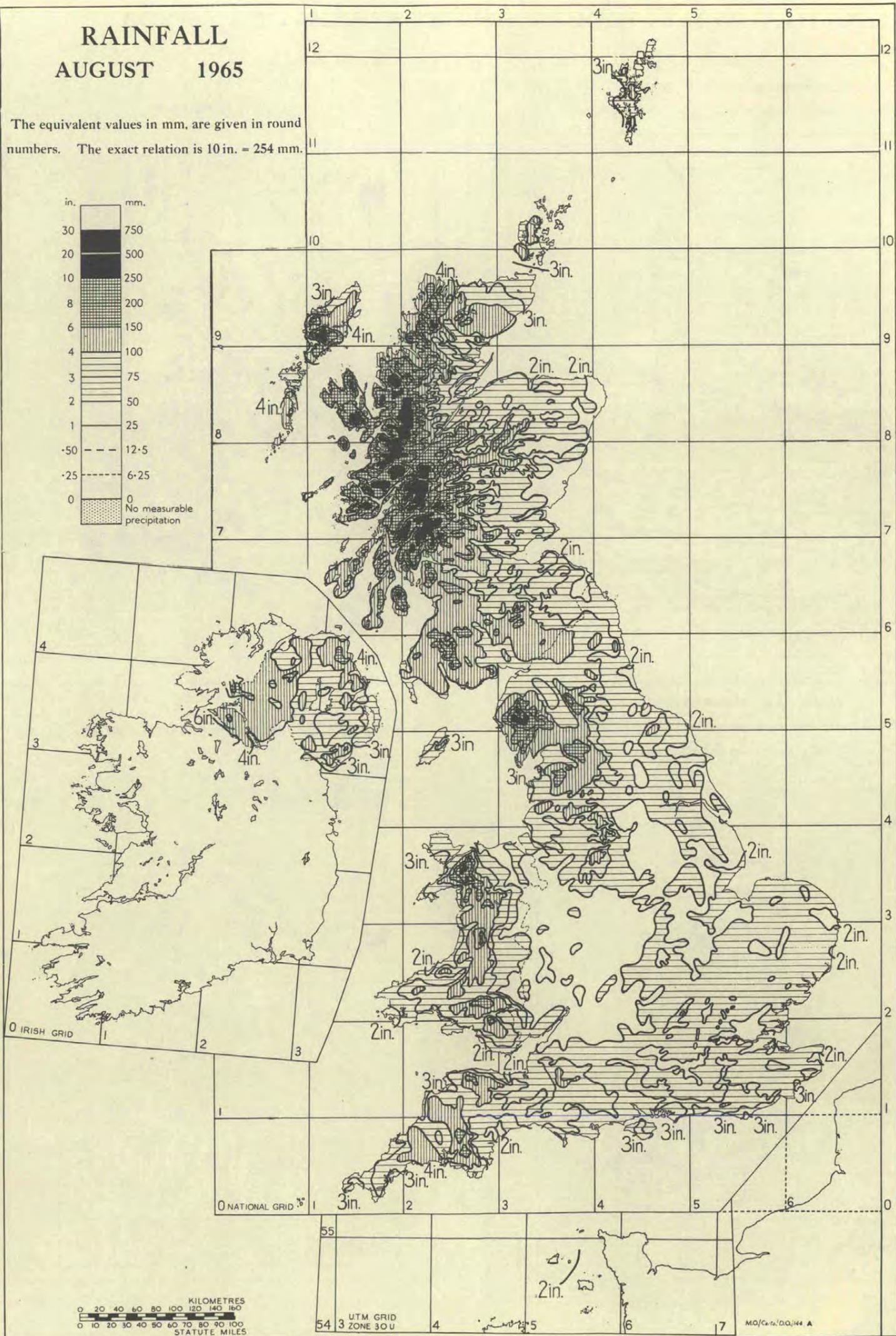
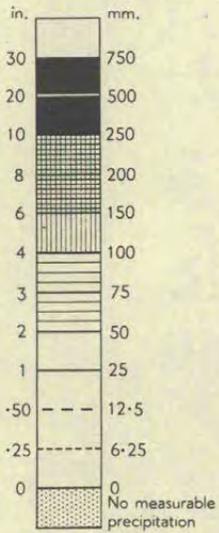
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed									Highest Velocities							
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Mean Hourly Wind Speed	Highest 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			
																	hr.	hr.	hr.	hr.
ft.	ft.	ft.		hr.	hr.	hr.	hr.	hr.	hr.	hr.	knots	knots	day hr	knots	day	h m.				
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	-	0	10	54	359	298	33	0	11.9	170	30	27	24	44	7	1150
Orkney	Kirkwall	134	50	33	-	0	7	60	418	228	38	0	12.9	270	33	6	10	49	6	1000
Caithness	Dounreay	110	39	30	-	0	17	118	350	230	41	5	13.7	310	29	6	11	43	6	1055
Sutherland	Shin	78	33	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ross & Cromarty	Stornoway (Coastguard)	120	40	36	20, 27	2	14	79	309	229	125	0	11.4	210	35	27	21	49	27	2110
Inverness	Duirinish	125	65	55	†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Benbecula	52	33	33	-	0	16	85	476	143	40	0	14.6	290	30	21	17	44	27	1905
	Fort Augustus	189	53	53	-	0	1	2	154	295	293	0	6.2	270	26	5	18	45	28	1620
1 Moray	Kinloss	57	41	41	-	0	8	37	337	299	71	0	11.0	240	29	28	14	42	5	2205
	Lossiemouth	101	80	60	-	0	8	19	324	315	86	0	10.1	240	29	5	23	47	5	2230
Aberdeen	Dyce	234	30	30	-	0	4	8	345	301	90	0	10.0	210	23	5	22	38	5	2110
Angus	Bell Rock Lighthouse	128	131	124	5, 6, 12, 21	10	21	200	353	124	57	0	16.3	280	35	6	05	46	5	2055
Perth	Rannoch	1006	56	57	-	0	12	48	388	176	118	14	11.6	210	30	5	17	43	5	1635
	Tunnel Bridge	528	53	53	-	0	0	0	136	396	212	0	6.4	260	19	29	17	43	5	1420
Fife	Leuchars	78	40	40	-	0	6	25	347	304	68	0	10.8	220	29	5	21	46	5	1820
Midlothian	Turnhouse	137	40	33	-	0	5	23	290	350	81	0	9.7	210	28	5	15	49	5	1840
	Edinburgh, Blackford Hill	496	50	34	5, 27	4	10	54	361	244	81	0	11.9	190	38	5	19	65	5	1845
6a Argyll	Tiree	89	60	47	5	2	19	151	401	117	73	0	15.3	150	35	5	12	50	5	1030
Bute	Millport	50	34	34	Ø	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew	Paisley	188	81	31	-	0	1	5	134	407	198	0	6.6	180	27	5	13	52	5	1225
	Renfrew	71	41	39	-	0	1	9	281	351	103	0	9.1	210	32	5	13	50	5	1220
Lanark	Lowther Hill	241.5	43	33	5, 6, 24, 25	11	19	181	323	211	18	0	16.0	310	42	24	20	61	29	1110
Ayr	Prestwick Airport	68	33	33	-	0	1	4	337	395	68	0	9.8	190	24	5	12	37	5	1525
Dumfries	Chapelcross	310	50	50	-	0	1	4	324	337	79	0	9.5	210	23	5	15	38	5	1350
	Eskdalemuir Observatory	825	50	35	-	0	2	13	131	319	281	0	6.5	210	26	5	14	44	24	1900
Wigtown	West Freugh	81	33	33	-	0	5	17	289	343	61	34	9.7	200	26	4	21	39	24	1805
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	21	2	16	90	346	253	53	0	12.9	200	34	21	02	51	24	1435
	Point of Ayre	64	33	33	-	0	8	34	431	253	26	0	12.7	310	29	24	17	41	24	1605
2 Durham	Durham	389	53	33	-	0	1	6	183	359	191	5	7.2	240	27	5	15	47	5	1355
	South Shields	73	57	44	-	0	0	0	202	338	204	0	7.1	350	20	3	01	36	5	1335
Yorks., E.R.	Kilnsea	76	39	33	†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln	Cranwell	288	47	47	-	0	2	6	198	399	135	6	7.9	290	22	24	22	40	24	2130
3 Norfolk	Gorleston	54	43	43	-	0	4	24	432	275	13	0	12.4	180	31	21	13	41	25	0135
Suffolk	Mildenhall	98	83	60	-	0	0	0	144	438	162	0	7.2	300	20	25	14	37	25	1205
Bedford	Bedford	322	42	30	-	0	2	4	185	473	72	10	8.3	290	24	25	09	37	24	1935
	Cardington	226	133	133	§	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hertford	Garston	307	50	33	-	0	0	0	32	504	208	0	5.0	320	17	24	21	34	24	2010
	Rothamsted	461	41	33	-	0	0	0	6	375	327	36	4.0	(280)	11	25	11	(32)	25	1005
Essex	Stansted	351	31	31	-	0	2	2	242	418	82	0	8.6	300	22	24	22	35	24	2140
	Coryton	66	57	48	-	0	0	0	126	478	111	29	7.6	330	20	24	22	41	24	2115
	Shoeburyness	118	106	91	-	0	8	41	377	298	28	0	11.8	190	32	21	11	43	21	1110
4 Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	13	208	523	0	2.6	300	14	25	11	40	25	1020
Warwick	Edgbaston	643	118	73	-	0	1	2	122	589	31	0	7.7	320	24	24	19	49	24	1825
	Elmdon	343	31	31	-	0	1	3	215	412	114	0	8.3	320	27	24	20	45	24	1815
Buckingham	Amersham	500	50	50	-	0	0	0	15	594	127	8	5.6	300	12	24	21	32	24	2000
Stafford	Keele	706	50	33	-	0	0	0	41	354	349	0	4.6	180	16	21	07	41	24	1910
Worcester	Pershore	154	33	33	-	0	1	2	251	364	127	0	8.5	240	22	5	11	40	24	1820
5 London	Kingsway	306	229	125	-	0	0	0	336	381	27	0	10.0	210	21	21	14	36	21	1225
Middlesex	London (Heathrow) Airport	115	33	33	-	0	3	6	227	429	82	0	8.9	290	24	24	21	46	24	2020
	Hampton	139	101	100	-	0	0	0	96	426	222	0	5.9	250	19	24	21	38	24	2040
Surrey	Kew Observatory	92	75	50	-	0	0	0	115	486	143	0	6.7	210	18	21	14	37	21	1145
	Gatwick	232	38	33	-	0	0	0	89	434	221	0	5.6	230	17	1	18	36	24	2045
Kent	Isle of Grain	48	40	33	-	0	0	0	124	363	233	24	6.1	200	19	21	10	38	24	2120
	Dungeness	70	50	33	-	0	7	38	342	244	109	11	11.0	210	32	21	10	44	21	1245
	Dover	68	38	62	†	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sussex	Thorney Island	75	65	42	-	0	0	0	103	357	284	0	5.9	210	20	21	08	38	21	0815
Hampshire	Hurn	86	53	46	-	0	1	1	162	452	129	0	7.5	210	22	21	09	35	21	0945
	Calshot	50	41	33	-	0	1	8	225	416	95	0	8.7	200	28	21	09	40	21	0855
	S. Farnborough	318	69	35	-	0	0	0	176	435	133	0	7.6	300	18	24	21	36	24	2020
Berkshire	Abingdon	295	40	40	-	0	0	0	152	345	247	0	6.3	240	19	21	14	41	24	1920
Wiltshire	Larkhill	491	51	36	-	0	0	0	83	424	237	0	5.8	300	18	24	20	33	24	1920
	Boscombe Down	425	55	55	-	0	1	1	255	418	70	0	8.7	310	23	24	20	35	24	1920
	Porton	406	44	44	-	0	0	0	98	269	377	0	4.9	200	20	21	09	33	21	0625
7a Cumberland	Carlisle	137	42	30	-	0	2	10	220	373	141	0	8.4	240	24	5	16	38	5	1515
	Sellafield	83	39	35	-	0	3	10	375	283	70	6	10.5	340	23	24	18	37	24	1620
	Spadeadam	959	51	50	-	0	2	14	281	359	90	0	9.6	240	30	5	17	48	5	1420
Westmorland	Great Dun Fell	2813	33	33	5, 18, 20, 21, 29	16	20	257	291	136	44</									



# RAINFALL

## AUGUST 1965

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



KILOMETRES  
0 20 40 60 80 100 120 140 160  
STATUTE MILES  
0 10 20 30 40 50 60 70 80 90 100

UTM GRID  
ZONE 30U  
3 4 5 6 7

MO/C/12/DO/44 A



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Max. Min.	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER								BRIGHT SUNSHINE						
				Means of		Difference from Average	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day		Precip'n		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	Per-centage of Average			
				A	B		Maximum	Date	Minimum					Date	Amount	Date	0.1in (0.2mm) or more												0.1in (1.0mm) or more		
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%			
1 SCOTLAND, E.—cont.																															
Midlothian	Davidson's Mains	9 9	200	17.7	9.5	13.6	-0.9	24.4	12	5.0	3, 9, 27	14.1	-	2.82	90	.65	4	13	11	0	0	0	0	0	0	0	0	0	0	4.74	-
—cont.	Penicuik	9 9	620	17.1	8.3	12.7	-	23.3	12	2.2	9	14.0	-	2.53	67	.54	2	16	14	0	0	0	0	0	0	0	0	0	1	4.89	-
	Bush House	9 9	605	16.5	8.4	12.5	-	22.2	12	3.3	9, 10	14.0	12.9	3.02	80	.65	2	14	11	0	0	1	0	0	0	0	0	0	5.55	-	
	Edinburgh—																														
	.. Blackford Hill	9 9	441	17.4	9.8	13.6	-0.9	23.3	12	5.6	3	-	-	2.48	79	.68	2	14	10	0	0	0	0	0	0	0	0	0	2	5.75	124
	.. Royal Bot. Gdns.	9 9	74	17.8	9.7	13.7	-1.0	24.4	12	3.9	9	14.8	-	2.74	93	.65	4	15	10	0	0	0	0	0	0	0	0	0	1	5.75	122
E. Lothian	Haddington	9 9	162	17.9	9.3	13.6	-	23.3	12	1.7	9	-	-	3.36	116	1.29	14	14	10	0	0	0	0	2	0	0	0	0	6.19	-	
	Dunbar	9 9	75	16.9	10.1	13.5	-0.8	21.7	12	6.1	3, 9	-	-	2.19	81	.57	14	13	8	0	0	0	0	0	0	0	0	0	0	6.78	133
Berwick	Mertoun	9 9	225	17.9	8.1	13.0	-	22.2	12, 15	0.6	27	-	-	2.54	-	.64	14	20	11	0	0	0	0	0	0	0	0	4	5.28	-	
	Lauder	9 9	600	17.3	7.6	12.5	-	21.7	12	0.6	9	-	-	3.04	-	.71	4	16	13	0	0	0	0	1	0	0	2	5.42	-		
	Marchmont	9 9	498	16.7	8.6	12.7	-1.4	21.7	12	3.9	9	-	-	2.23	68	.63	4	20	14	0	0	0	0	0	0	0	0	0	5.60	122 S	
	Whitchester	9 9	838	16.2	7.5	11.9	-	20.6	12	3.3	9, 10, 27	-	-	2.28	60	.52	4	20	12	0	0	0	0	0	0	0	0	0	1	-	-
	St. Abb's Head	9 9	245	15.5	9.7	12.6	-	21.0	18	5.8	9, 10	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	-	-	
Peebles	Stanhope Farm	9 9	741	16.1	8.1	12.1	-	22.8	12	0.0	27	-	-	3.47	86	.89	4	18	15	0	0	0	0	0	0	0	0	4	0	-	
	Blyth Bridge	9 9	830	15.9	8.0	11.9	-	21.7	12	1.7	27	-	-	3.34	97	.67	4	16	11	0	0	0	0	1	0	0	0	1	4.47	-	
	West Linton	9 9	800	16.1	7.8	11.9	-	22.2	12	1.7	27	13.3	12.8	2.82	72	.65	4	18	14	0	0	0	0	0	0	0	0	3	0	-	
	Glentress	9 9	580	17.3	7.7	12.5	-	21.7	12	0.0	27	-	-	2.80	99	.81	4	17	11	0	0	0	0	0	0	0	0	0	0	-	-
Selkirk	Bowhill	9 9	600	17.2	8.1	12.7	-	23.3	12	1.1	2	-	-	3.21	98	.90	4	19	14	0	0	0	0	0	0	0	0	0	1	-	-
Roxburgh	Wauchope	9 9	560																												
	Sourhope	9 9	900	16.2	8.5	12.3	-	20.0	11, 15	2.8	27	-	-	2.61	-	.40	4	16	14	0	0	0	0	0	0	0	0	3	5.30	-	
6a SCOTLAND, W.																															
Argyll	Tiree	21-9	29	15.1	10.6	12.9	-0.9	18.5	13	4.9	2	-	-	4.21	117	1.08	4	19	17	0	0	0	1	0	0	0	2	0	4.95	94	
	Rhuval	21-9	65	15.3	10.5	12.9	-	20.6	12	6.6	9	-	-	3.28	70	.67	20	17	15	0	0	0	0	0	0	0	0	0	0	-	-
	Colonsay	9 9	87	16.1	9.3	12.7	-1.4	21.1	13	2.2	9	-	-	3.48	80	.80	4	24	14	0	0	0	0	0	0	0	0	0	0	-	-
	Tobermory	9 9	270																												
	Craighouse	9 9	10	16.4	9.9	13.1	-	21.7	13	4.4	9	-	-	4.63	-	.91	4	16	15	0	0	0	0	0	0	0	0	0	0	-	-
	Machrihanish	9 9	33	16.3	10.5	13.4	-	22.9	12	4.4	9	-	-	4.03	-	1.16	4	19	15	0	0	0	1	1	0	0	0	0	4.44	-	
	Campbeltown	9 9	10	16.4	9.9	13.1	-	21.1	12	5.0	3	-	-	4.00	-	1.27	4	14	13	0	0	0	0	0	0	0	0	0	5.23	-	
	Achaglachgach	9 9	40	17.2	8.3	12.7	-	22.2	13	2.2	29	-	-	5.90	128	1.00	4	22	21	0	0	0	1	0	0	0	0	5	0	-	
	Lephinmore	9 9	30	16.8	10.0	13.4	-	23.3	12	3.9	2	-	-	5.92	106	1.50	4	18	15	0	0	0	0	1	1	0	0	0	3.76	-	
	Glenbranter	9 9	120	16.6	8.4	12.5	-	23.3	12	2.2	2, 3	-	-	8.24	-	1.48	4	18	16	0	0	0	0	0	0	0	4	0	-	-	
	Benmore																														
	.. Forestry Sch.	9 9	46	17.2	-	-	-	23.3	12, 13	-	-	13.5	13.1	9.11	-	2.09	4	17	17	0	0	0	0	0	1	-	5	0	3.19	- S	
	.. Younger B.G.*	9 9	40	16.8	9.4	13.1	-	22.8	12	3.3	3	-	-	9.18	129	2.08	4	19	17	0	0	0	0	0	0	0	0	2	0	-	-
Bute	Rothsay	9 9	150	16.9	10.3	13.6	-0.7	22.8	12	5.6	2, 3	13.3	12.5	5.38	112	1.80	4	16	15	0	0	0	0	1	0	0	3	0	4.83	106	
	Millport	9 9	16																												
Dunbarton	Finnart	9 9	50	17.1	9.6	13.3	-	23.3	12	4.4	3	-	-	6.50	-	1.69	4	17	15	0	0	0	0	0	0	0	0	0	0	-	-
	Helensburgh	9 9	293	16.9	9.4	13.1	-1.2	23.3	12	3.9	3	-	-	4.93	100	1.55	4	20	16	0	0	0	0	0	0	0	0	0	3.83	91 S	
	Cumbernauld	9 9	310	16.8	8.3	12.5	-	22.8	12	1.1	3	-	-	4.60	-	.87	4	19	17	0	0	0	0	1	0	0	0	0	0	-	-
Stirling	Earls Hill	9 9	1100	14.6	7.1	10.9	-	20.6	12	2.1	3	-	-	6.16	-	1.34	4	21	18	0	0	0	0	0	0	0	0	0	4.61	-	
	Stirling	9 9	151	17.7	9.6	13.7	-1.3	22.8	12	3.3	3	15.8	13.3	3.24	94	1.01	4	18	13	0	0	0	1	1	0	0	0	0	5.10	-	
	Falkirk	9 9	100	17.4	9.3	13.3	-1.7	22.8	12	3.3	3	-	-	3.31	96	.80	4	20	15	0	0	0	0	0	0	0	0	0	0	-	-
Renfrew	Greenock	9 9	200	16.9	10.3	13.6	-1.2	23.9	12	6.1	4	-	-	5.25	113	1.64	4	17	15	0	0	3	0	0	0	0	0	0	5.25	-	
	Paisley	9 9	106	17.4	10.0	13.7	-1.6	25.0	12	4.4	3	14.5	12.6	4.24	118	1.39	4	19	17	0	0	3	0	1	2	0	0	1	4.41	100	
	Barrhead	9 9	97	17.1	9.1	13.1	-	24.4	12	2.2	3	-	-	4.15	110	1.15	4	19	17	0	0	0	0	1	0	0	0	1	0	-	-
	Renfrew	21-9	26	17.5	9.6	13.5	-1.3	24.8	12	2.9	3	-	-	4.08	123	1.28	4	20	18	0	0	0	0	1	0	0	2	0	4.78	108	
Lanark	Crossmyloof	9 9	75	17.7	9.7	13.7	-	24.4	13, 14	3.3	3	-	-	3.58	-	.95	4	16	16	0	0	1	0	0	0	0	3	0	4.72	-	
	Thorntonhall	9 9	453	16.3	8.9	12.6	-	23.3	12	3.3	3	-	-	4.41	109	.95	4	17	16	0	0	0	0	0	0	0	0	3			

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1965

Table with columns for District, County and Place; Terminal Hours of Observation; Air Temperature in Degrees Celsius (Means of, Highest Maximum and Lowest Minimum); Mean Earth Temperature (1 ft., 4 ft.); Rainfall (Total Fall, Percentage of Average, Most in a day); Weather (Number of days for various conditions); and Bright Sunshine (Daily Mean, Percentage of Average).

\* National Institute of Agricultural Botany

\*\* Cambridge Botanic Gardens



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1965

Table with columns for District, County and Place; Terminal Hours of Observation; Height of Station; Air Temperature in Degrees Celsius; Mean Earth Temperature; Rainfall (Terminal hour 9 G.M.T.); Weather Number of days; and Bright Sunshine. Rows include locations like Surrey, Kent, Sussex, Berkshire, Hampshire, I. of Wight, and Wiltshire.

\*\* Sunshine read at Bracknell (Easthampstead)

\* Seed Trial Grounds





TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST,

1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																								
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							Force (0-12)				DIRECTION																				
									Mean Amount	0	1	3	6	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	5	4	3	2	1	0	N	NE	E	SE	S	SW	W	NW					
			ft.	mb.	mb.	°C	°C	mb.	%	0	1	3	6	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	5	4	3	2	1	0	N	NE	E	SE	S	SW	W	NW					
0 SCOTLAND, N.																																													
Zetland	Lerwick Observatory	H	3	273	1008.2	-	9.9	0.3	11.7	96	5.8	0	5	5	12	8	1	0	1	1	0	0	1	5	7	10	6	0	1	14	14	2	5	1	2	5	5	4	4	3					
			9	273	1008.5	-2.0	11.4	0.8	12.2	90	6.5	0	3	3	12	10	3	0	3	0	1	0	5	6	9	7	0	4	13	12	2	5	1	4	7	5	4	2							
			15	273	1008.7	-	12.0	1.0	12.4	89	6.6	0	2	4	13	8	4	0	3	1	0	0	1	5	8	6	7	0	6	15	10	0	4	3	0	4	6	8	4	2					
Orkney	Kirkwall	H	21	273	1009.0	-	10.3	0.4	11.9	95	6.2	0	2	8	8	9	4	0	4	0	1	0	0	4	5	11	6	0	0	17	14	0	5	1	1	4	7	3	7	3					
			3	86	1008.2	-	10.5	0.6	11.9	93	6.5	0	3	2	15	9	2	0	1	1	0	0	6	7	10	6	0	2	16	10	0	3	2	0	1	5	4	5	7	4					
			9	86	1008.8	-	11.9	0.9	12.4	89	6.8	0	2	2	14	11	2	0	0	1	0	0	7	8	8	6	0	5	16	10	0	7	2	1	5	5	4	6	1						
Caithness	Wick	H	15	86	1009.0	-	13.4	1.8	12.2	79	6.1	0	1	9	13	8	0	0	0	0	0	1	0	5	1	12	12	0	3	21	7	0	3	0	1	7	4	3	7	4					
			21	86	1009.2	-	10.8	0.8	11.7	90	6.1	0	3	6	13	8	1	0	0	0	0	0	2	5	11	9	0	2	15	11	3	5	0	3	0	1	4	7	3	6	4				
			3	121	1008.5	-	9.7	0.5	11.3	93	5.4	0	7	4	12	6	2	0	1	0	1	0	0	9	1	13	6	0	1	14	14	2	2	0	1	7	5	3	7	4					
Sutherland	Cape Wrath	H	9	121	1009.1	-2.0	12.4	1.3	12.2	85	6.6	1	0	4	18	8	0	0	0	0	0	2	4	5	7	13	0	3	20	8	0	4	0	3	0	7	5	3	6	6					
			15	121	1009.4	-	10.9	0.9	11.7	89	5.8	0	7	0	19	5	0	0	0	0	0	0	0	0	4	4	13	8	0	1	16	13	1	1	1	2	6	8	1	6	5				
			3	371	1007.4	-	11.5	1.3	11.6	86	6.2	0	2	8	9	11	1	0	1	0	0	0	3	4	6	17	0	6	7	18	0	6	1	2	6	4	4	6	2						
Ross & Cromarty	Stornoway	H	9	371	1007.7	-	12.2	1.5	11.8	83	6.6	1	0	4	16	9	1	0	0	0	0	1	1	0	9	5	11	15	0	5	11	15	0	4	3	0	4	6	8	4	10	6	1		
			15	371	1008.2	-	13.1	2.0	11.7	78	5.9	1	0	8	16	6	0	0	0	0	0	0	5	3	4	19	1	6	11	13	0	5	2	2	3	3	9	5	2						
			21	371	1008.2	-	11.7	1.3	11.8	85	6.2	0	1	7	15	7	1	0	0	0	1	0	0	3	5	3	19	0	7	5	18	1	5	2	4	7	4	5	1						
Inverness	Benbecula	H	3	16	1008.6	-	10.3	0.6	11.7	92	5.1	2	5	5	12	7	0	0	0	0	0	0	4	12	11	4	0	0	12	16	3	3	1	1	2	6	6	3	6						
			9	16	1009.1	-1.4	12.8	1.5	12.2	82	6.1	1	2	3	19	6	0	0	0	0	0	0	5	8	10	8	0	4	17	14	0	3	3	0	4	8	7	6	0						
			15	16	1009.2	-	13.7	2.0	12.1	77	6.4	1	1	4	16	9	0	0	0	0	0	0	6	6	11	8	0	2	10	16	3	4	2	5	2	5	4	3	3						
Moray	Kinloss	H	3	21	1009.2	-	11.6	0.8	12.5	90	5.8	1	5	3	10	2	0	0	0	0	0	1	0	5	6	10	9	0	2	21	5	3	6	0	2	5	4	5	5	1					
			9	21	1009.2	-	13.0	1.5	12.4	83	5.7	0	5	5	12	7	0	0	0	0	0	0	4	10	6	11	0	5	19	7	0	2	0	3	5	3	8	5	5						
			15	21	1009.6	-	14.0	1.9	12.7	79	6.1	0	3	6	14	8	0	0	0	0	0	0	2	10	8	11	0	5	19	7	0	3	0	5	4	5	8	3							
Aberdeen	Dyce	H	21	21	1009.2	-	12.4	1.0	12.9	88	5.8	0	5	5	12	9	0	0	0	0	0	1	4	10	5	11	0	5	17	9	0	3	0	3	0	3	3	4	5	6	2				
			3	19	1009.3	-	11.0	1.2	11.8	85	5.9	0	3	7	13	8	0	0	0	0	0	0	5	3	11	12	0	0	10	19	2	0	1	1	2	8	11	5	1						
			9	19	1009.7	-	14.2	2.3	12.2	75	5.7	0	2	10	15	4	0	0	0	0	0	0	3	2	7	19	0	2	12	15	2	3	0	1	3	1	8	10	3						
Fife	Leuchars	H	15	19	1009.6	-	16.1	3.6	11.8	65	5.9	0	1	7	19	4	0	0	0	0	0	0	1	5	8	17	0	5	18	8	0	5	2	4	2	4	2	4	9	3					
			21	19	1010.0	-	12.3	1.8	11.4	79	5.7	0	5	4	19	3	0	0	0	0	0	0	4	1	12	14	0	0	15	16	0	0	2	6	2	4	9	5	3						
			3	193	1009.7	-	9.6	0.8	10.8	89	5.2	1	8	3	10	8	1	0	0	0	1	1	1	8	5	4	11	0	0	9	17	5	0	0	1	3	6	4	5	7					
Midlothian	Turnhouse	H	9	193	1010.0	-1.8	13.1	1.9	11.9	78	6.3	0	4	2	17	8	0	0	0	0	0	3	5	6	3	14	0	0	16	14	1	2	0	1	1	8	3	7	8						
			15	193	1010.0	-	15.2	3.1	11.7	68	6.4	0	0	7	21	3	0	0	0	0	0	0	4	5	8	14	0	1	22	8	0	4	0	2	3	6	6	6	4						
			21	193	1010.6	-	11.2	1.3	11.3	85	5.5	0	8	3	10	10	0	0	0	1	1	3	6	6	4	10	0	2	1	17	5	0	0	0	3	8	5	6	4						
Argyll	Tiree	H	3	108	1009.7	-	10.0	0.8	11.2	91	5.0	0	6	8	12	2	3	0	1	0	0	2	0	5	23	0	0	1	10	19	0	0	2	3	0	0	2	3	6	9	2				
			9	108	1009.6	-	12.5	1.3	12.2	84	5.9	0	3	8	15	4	1	0	0	0	0	6	8	16	0	0	1	19	11	0	1	0	0	5	10	0	10	5							
			15	108	1010.3	-	14.2	2.2	12.4	77	5.4	0	0	16	11	3	1	0	1	0	0	0	3	13	14	0	0	2	20	9	0	3	2	1	4	7	4	5	5						
Lanark	Lowther Hill	H	21	108	1010.4	-	11.4	1.1	11.7	87	5.8	0	3	7	16	2	3	0	0	1	1	0	4	20	4	0	0	3	13	4	0	0	2	4	11	2	3	5							
			3	38	1009.7	-	9.9	0.5	11.5	92	5.2	1	10	0	10	10	0	0	0	0	0	4	3	4	18	2	0	7	22	2	0	1	3	2	1	1	11	9	1						
			9	38	1010.3	-1.8	13.5	1.8	12.4	80	6.1	0	4	4	15	8	0	0	0	0	1	0	2	4	5	4	15	0	0	1	15	14	1	0	0	7	2	0	12	7	2				
Ayr																																													

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1965

Table with columns for District, County and Place; Hour of Observation; Mean Pressure; Mean Temperature and Humidity; Cloud Amount (OKTAS); Visibility; Wind, Number of Observations; and Direction. The table is organized into sections for 2 ENGLAND, N.E., 3 ENGLAND, E., and 4 MIDLAND COUNTIES, with sub-sections for various counties like Yorks., Lincoln, Norfolk, Suffolk, and Huntingdon.

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS AUGUST, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																			
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION														
										0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,000-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N	NE	E	SE	S	SW	W	NW				
			ft.	mb.	°C	°C	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,000-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N	NE	E	SE	S	SW	W	NW					
4 MIDLAND COUNTIES cont.		G.M.T.	ft.	mb.	°C	°C	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,000-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N	NE	E	SE	S	SW	W	NW					
Northampton	Wittering	3	219	1013.9	-	11.1	0.6	12.2	92	4.0	4	9	6	7	5	0	0	0	0	0	11	8	6	5	1	0	0	5	26	0	2	3	2	0	2	10	11	1		
		9	219	1014.3	-	15.5	2.1	13.8	78	5.9	0	3	4	22	2	0	0	0	0	0	4	8	6	9	4	0	0	18	13	0	2	1	1	4	5	6	10	2		
		15	219	1013.6	-	18.8	4.1	13.5	63	6.1	0	2	8	14	7	0	0	0	0	0	0	3	9	11	8	0	0	0	16	14	1	1	1	3	2	3	9	9	2	
		21	219	1014.1	-	14.1	1.6	13.3	82	5.1	0	8	6	10	7	0	0	0	0	0	4	7	8	7	5	0	0	1	3	25	2	1	1	4	1	2	5	10	5	
		9	542	1014.3	-	14.2	1.7	13.2	81	5.1	0	3	13	10	5	0	0	0	0	2	1	13	4	8	3	0	0	0	6	24	1	2	0	1	4	5	4	9	5	
Warwick	Edgbaston	15	542	1013.5	-	18.2	4.2	12.8	61	6.2	0	1	9	13	8	0	0	0	0	0	3	9	8	11	0	0	0	13	18	0	0	0	1	2	7	10	7	4		
		21	542	1014.3	-	14.8	2.5	12.5	74	4.6	0	11	5	12	3	0	0	0	1	0	11	10	8	1	0	0	1	0	30	0	4	0	4	1	9	4	5			
		3	362	1013.9	-	10.9	0.6	12.1	92	3.4	7	8	7	6	3	0	0	0	1	0	1	4	11	8	6	0	0	0	4	20	7	2	1	2	1	6	6	5	1	
Shropshire	Shawbury	9	362	1014.2	-	14.7	1.8	13.5	80	6.0	0	2	7	18	4	0	0	0	0	1	4	8	15	2	0	0	0	12	17	2	4	1	1	3	2	6	8	4		
		15	362	1013.4	-	18.3	4.4	12.5	60	6.6	0	0	6	18	7	0	0	0	0	0	0	5	16	6	4	0	0	0	16	14	1	1	0	1	3	4	7	11	3	
		21	362	1014.2	-	14.1	2.0	12.6	78	4.3	0	13	3	12	3	0	0	0	0	0	0	2	14	15	0	0	0	0	5	19	7	5	0	3	0	3	7	5	1	
		3	249	1013.5	-	10.8	0.6	12.1	90	5.2	1	6	7	7	9	1	0	0	0	1	0	4	3	6	13	3	0	0	2	24	5	3	2	1	3	5	4	8	0	
Worcester	Pershore	9	249	1013.7	-	15.0	1.9	13.6	79	5.7	0	3	8	18	2	0	0	0	0	0	3	6	3	12	7	0	0	0	10	18	3	2	1	1	6	2	4	10	2	
		15	249	1013.2	-	18.2	3.9	13.3	64	5.8	0	1	9	18	3	0	0	0	0	0	0	2	10	4	15	0	0	0	16	15	0	5	1	0	3	5	1	12	4	
		21	249	1014.0	-	13.3	1.5	12.7	83	4.9	0	6	9	14	2	0	0	0	0	0	1	7	5	10	8	0	0	0	5	24	2	3	1	2	2	3	6	8	4	
		3	117	1014.2	-	11.6	0.7	12.6	91	3.5	7	7	6	7	4	0	0	0	0	0	2	3	7	8	8	3	0	0	5	18	8	2	1	3	1	3	11	2	0	
		9	117	1014.4	-	15.6	2.0	14.1	79	6.2	0	3	5	17	6	0	0	0	0	1	0	4	7	4	9	6	0	0	16	12	3	0	2	2	8	7	3			
Hereford	Ross-on-Wye	15	117	1013.7	-	19.3	4.4	13.6	61	6.4	0	1	7	16	7	0	0	0	0	0	0	1	11	4	15	0	0	1	19	11	0	2	1	1	2	2	8	11	4	
		21	117	1014.4	-	14.6	1.9	13.2	79	4.7	2	6	9	9	5	0	0	0	0	0	0	9	6	9	7	0	0	0	6	24	1	4	0	2	4	11	5	2		
		9	226	1014.3	-0.9	15.6	2.2	13.7	77	5.7	0	4	7	10	10	0	0	0	0	0	0	12	2	14	3	0	0	0	5	25	1	2	1	2	0	2	9	10	4	
		15	226	1013.5	-	18.8	4.2	13.3	62	5.7	0	2	11	12	6	0	0	0	0	0	0	6	4	16	5	0	0	0	10	20	1	2	1	2	1	3	9	10	2	
		21	226	1014.3	-	14.5	1.8	13.3	80	5.0	0	9	4	12	6	0	0	0	0	0	0	7	4	16	4	0	0	0	1	28	2	3	1	1	2	2	17	3	0	
Gloucester	Filton	3	197	1014.5	-	12.6	0.8	13.3	91	3.8	6	11	2	3	9	0	0	0	0	0	3	12	13	3	0	0	0	0	7	19	9	2	0	1	3	9	6	0		
		9	197	1014.9	-	15.6	1.7	14.7	83	6.1	0	3	6	13	9	0	0	0	0	1	0	9	12	9	0	0	0	0	3	23	1	3	1	3	2	5	10	6	0	
		15	197	1014.2	-	18.6	3.4	14.7	69	5.4	0	4	11	10	6	0	0	0	0	0	0	4	10	8	9	0	0	0	5	25	1	0	0	2	2	3	11	10	2	
		21	197	1014.9	-	14.7	1.6	13.9	83	4.0	1	14	2	11	3	0	0	0	0	0	0	7	12	10	2	0	0	0	5	25	1	0	0	2	2	3	11	10	2	
		3	79	1014.5	-	12.9	1.0	13.3	89	4.2	5	9	1	8	8	0	0	0	0	0	0	1	12	9	8	1	0	0	0	1	24	6	1	3	0	3	7	10	1	0
Gloucester	Gloucester	9	79	1014.9	-	16.1	2.1	14.4	79	6.1	0	2	7	16	6	0	0	0	0	0	1	12	6	5	7	0	0	0	5	23	3	2	1	0	1	6	12	4	2	
		15	79	1014.2	-	19.5	4.1	14.3	63	6.5	0	0	6	18	7	0	0	0	0	0	1	4	9	7	10	0	0	0	13	17	1	1	1	3	11	7	3			
		21	79	1014.8	-	15.5	2.0	14.0	79	4.6	2	7	8	8	6	0	0	0	0	0	0	1	7	11	10	2	0	0	0	2	26	3	2	1	1	1	10	9	2	
		3	751	1014.5	-	11.1	0.3	12.8	96	3.9	6	9	1	9	6	0	0	0	2	1	0	4	5	10	6	3	0	0	0	4	26	1	3	1	3	1	3	9	2	1
		9	751	1014.6	-	14.1	1.3	13.9	86	6.1	0	1	7	17	6	0	0	0	0	1	0	4	8	5	5	8	0	0	13	18	0	3	1	1	4	1	9	9	3	
Little Rissington	Little Rissington	15	751	1013.9	-	17.6	2.9	14.5	68	5.9	0	0	8	16	7	0	0	0	0	0	1	5	6	8	11	0	0	1	17	13	0	1	0	2	5	0	8	12	3	
		21	751	1014.7	-	13.4	1.0	13.7	89	4.0	2	12	5	8	4	0	0	0	0	0	2	9	6	6	8	0	0	0	3	28	0	3	0	2	1	4	8	9	4	
		5 ENGLAND, S.E.																																						
		Middlesex	London (Heathrow) Airport	3	86	1014.5	-	12.9	0.9	13.4	90	4.1	7	6	5	7	6	0	0	0	0	2	4	8	8	8	1	0	0	3	24	4	2	3	3	0	5	8	4	2
				9	86	1015.1	-	16.0	2.3	14.0	77	5.2	0	8	5	12	6	0	0	0	1	0	4	7	6	12	1	0	0	14	16	1	3	2	3	1	4	10	6	1
15	86			1014.3	-	19.8	4.7	13.6	59	5.9	0	0	12	15	4																									







# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 9

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1966

### September 1965 — *Wet, dull and rather cold*

Generally cyclonic weather was broken on the 13th-14th by a ridge of high pressure over southern England, and also on the 19th-21st when most of the country came under the influence of an anticyclone which intensified as it moved from the Bay of Biscay to become centered over Germany.

During the first twelve days pressure was generally low to the east or south-east of the British Isles with winds predominantly from a northerly direction and day temperatures well below the September average. Individual depressions in this persistent low pressure area brought considerable rainfall to the eastern half of the country.

The month opened with two sunny, mainly dry days, with a ridge of high pressure over northern districts, but this gave way on the 3rd before an active depression moving northwards from France which brought exceptionally heavy rain to east and south-east England; many places recorded more than 2 inches. The depression became complex as it moved further northwards and weather over the country during the next three or four days remained mostly cloudy with rain at times, though there were sunny periods especially in south-east England on the 4th and 7th.

A depression from the Atlantic deepened as it moved across southern districts on the 8th. Wind reached gale force over much of east and south-east England, and some parts of the Midlands had more than two inches of rain. In the wake of the depression showers were frequent on the 9th and became thundery on the 10th with periods of heavier and more continuous rain as a trough moved southwards over the country. This more continuous rain was renewed in southern England on the night of the 12th/13th as a small depression moved eastwards along the English Channel.

Two brighter and mainly dry days followed as a ridge of high pressure moved slowly eastwards across southern districts though the rain was slow to clear in south-east England on the 13th and frontal rain from the Atlantic reached some northern and western districts on the 14th.

From the 15th to the 25th pressure was low mainly to the west and north-west of the British Isles with high pressure building up first to the south and then to the east of the country. Southwesterly winds predominated and day temperatures were about average.

Reverting to the 15th, belts of frontal rain from the Atlantic crossing the country on the 15th and 16th heralded one of the deepest depressions of recent years to cross England and Wales during September. As it moved north-eastwards from southern Ireland to the North Sea on the night of the 17th/18th gales became widespread with winds reaching 70 kt or more in gusts off our south-west coasts. Rain was heavy locally and persisted for much of the following day.

The only sustained spell of warm sunny weather during the month was ushered in on the 19th by rapidly rising pressure behind the depression. This was associated with an anticyclone moving eastwards over northern France and which later became established over Germany. During the next few days the clearance of early morning fog was followed by progressively increasing afternoon temperatures which reached 23°C locally on the 21st and 22nd.

The fine spell was brought to an end on the 23rd by frontal rain, associated with a deepening depression near Iceland, moving in from the west. A prolonged fall of pressure the next day led to the formation

on the 28th of a complex area of low pressure over the British Isles which persisted until the end of the month. Weather became very unsettled. Many parts of the Midlands had more than an inch of rain on the 25th and thundery showers were frequent on the 26th. The 27th, however, was a generally sunny day with depressions to the east and west of the country, but a trough moving southwards brought rain to northern districts on the 28th and the rain spread to the remainder of the country during the last two days of the month as a depression moved from the North Sea across central England to northern France.

**Pressure and Wind** — Mean pressure was considerably below the 1921-50 average everywhere, the deficit at 9h ranging from 3.9 mb at Stornoway to 7.0 mb at Ross-on-Wye. Surface winds were mainly northerly until the 11th and predominantly south-westerly thereafter, except for periods of variable and mostly light winds on the 6th-7th, 12th-14th and 26th-30th. Winds reached gale force in Scotland on 15 days and in England and Wales on the 1st, 2nd, 8th, 9th, 17th, 18th, 21st and 28th (8 days). Gales were widespread on the 17th and 18th; a gust of 73 kt was recorded at Portland Bill on the 17th.

**Temperature** — Temperatures were well below the average during the first 11 days, especially during the afternoons, the deficit being 6-7°C around the 9th. Maximum temperatures were above the average for a few days around the 21st but were mainly below the average again after the 25th.

Extremes included: — (England and Wales) 22.9°C at Dishforth on the 22nd, -0.6°C at Corwen on the 2nd and at Stanstead Abbots on the 6th; (Scotland) 21.7°C at Dinnet on the 15th and at Banff on the 21st, -2.2°C at Strachan on the 2nd; (Northern Ireland) 20.2°C at Ballykelly on the 21st, -0.6°C at Loughermore Forest on the 24th.

**Precipitation** — Rainfall was considerably above the average over most of the British Isles. In Scotland it was twice the average in parts of the south-east between the Firth of Forth and the Border, but only 75 per cent of the average over Tiree and adjacent islands. In England rainfall was twice the average within an area bounded by a line from the estuary of the Tees across the Midlands including Shropshire and Warwickshire and thence to the Wash, and also east of a line from Gorleston to Reading and Littlehampton. It was 350 per cent of the average locally in the West Riding. Rainfall was a little below the average in parts of south-east Devon, the north coast of Wales and also in the southern countries of Northern Ireland.

Thunder was heard in Scotland on 6 days and in England and Wales on the 2nd, 11th, 25th, 26th and 28th (13 days). Thunderstorms were widespread on the 26th.

**Sunshine** — It was a dull month generally. In England and Wales sunshine was mainly 60-80 per cent of the average; at a few places around the Thames Estuary there was a slight excess. Percentages ranged from 114 at Ramsgate to 58 at Scarborough.

**Fog** — Fog was reported from one place or another at 9h in Scotland on 24 days and in England and Wales on the 2nd-6th, 10th, 11th, 13th-17th, 19th-25th and 27th-30th; it was most frequent during the last week of the month.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on 5 nights.

TABLE I—DISTRICT VALUES— SEPTEMBER, 1965 (1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
0 SCOTLAND, N.	19.3	3.2	-0.9	-0.3	-0.6	-	-	+1	130	71
1 SCOTLAND, E.	20.0	3.3	-1.3	-0.2	-0.7	-	-	+5	164	66
2 ENGLAND, N.E.	22.9	2.8	-1.7	-0.2	-0.9	-0.7	-0.9	+6	234	63
3 ENGLAND, E.	21.7	2.8	-1.4	-1.3	-1.4	-1.0	-0.8	+1	188	91
4 MIDLANDS	21.7	2.8	-1.9	-0.9	-1.5	-1.1	-0.7	+4	209	84
5 ENGLAND, S.E.	21.1	0.7	-1.6	-1.5	-1.6	-1.5	-1.4	+3	215	92

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
6 SCOTLAND, W.	18.7	-0.2	-1.2	-0.3	-0.8	-0.3	-0.7	-1	118	66
7 ENGLAND, N.W. and N. Wales	19.8	2.8	-1.7	-1.0	-1.4	-1.2	-0.7	+1	174	74
8 ENGLAND, S.W. and S. Wales	20.6	1.1	-2.0	-1.7	-1.9	-1.1	-0.5	+4	138	77
N. IRELAND	20.2	0.2	-1.5	-1.3	-1.4	-	-	+1	108	67
SCOTLAND	-	-	-1.1	-0.3	-0.7	-	-	+2	135	68
ENG. and WALES	-	-	-1.7	-1.1	-1.5	-	-	+3	187	81

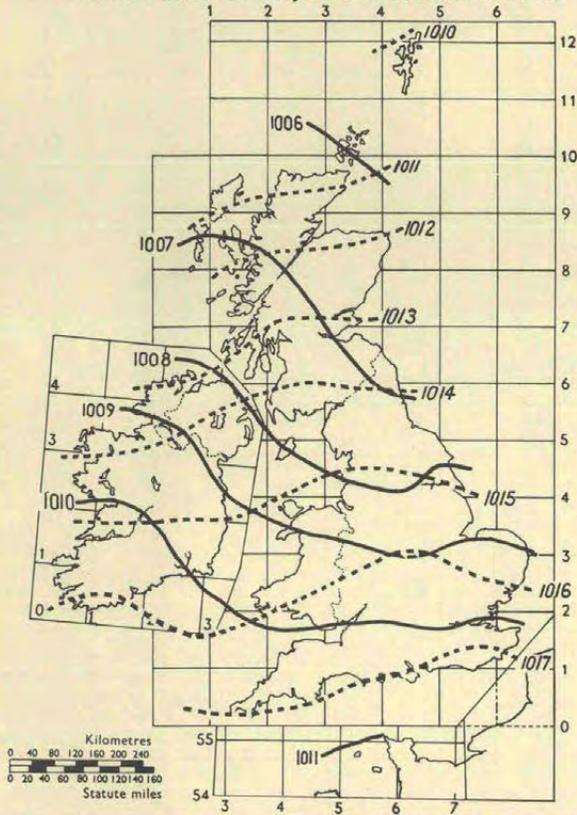
FH2A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER, 1965 (1914)

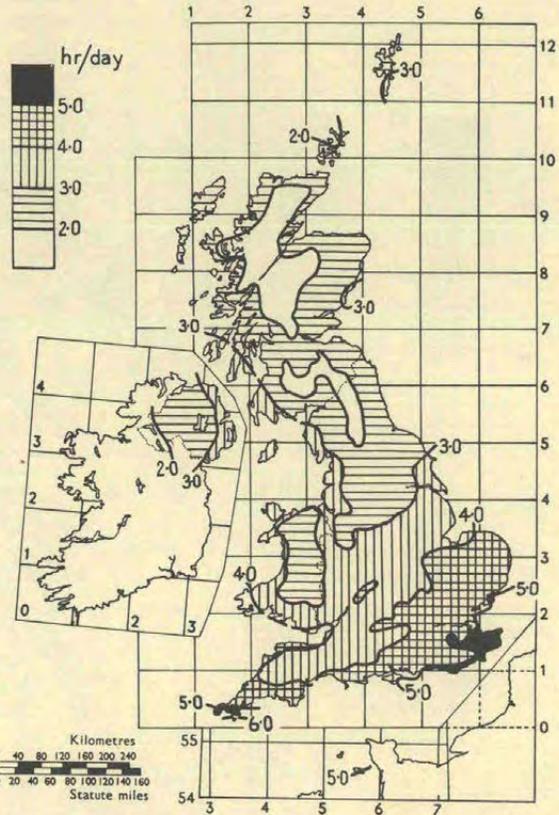
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Highest Velocities							
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Mean Hourly Wind Speed	Highest 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				
SCOTLAND																					
0 Zetland	Lerwick Observatory	304	33	33	21	3	15	92	358	246	21	0	13.4	220	35	21	13	53	21	1300	
	Orkney	134	50	33	-	0	11	51	419	213	37	0	12.7	250	31	21	17	45	21	1700	
	Caithness	110	39	30	9, 21, 25, 26	10	10	64	370	212	46	18	13.2	140	39	26	12	55	26	1155	
	Sutherland	78	33	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ross & Cromarty	120	40	36	19-21	18	12	93	358	166	85	0	13.9	220	49	21	07	66	21	0640	
	Inverness	52	33	33	21	5	11	89	428	185	13	0	14.4	190	35	21	05	50	21	0420	
		189	53	53	-	0	1	9	120	243	344	4	5.4	270	27	21	07	37	21	1125	
1 Moray	Kinloss	57	41	41	-	0	7	36	319	277	88	0	10.8	230	30	21	13	50	21	1310	
	Lossiemouth	101	80	60	-	0	6	33	251	323	113	0	9.5	250	29	21	17	47	21	0755	
	Aberdeen	234	30	30	-	0	8	31	326	278	85	0	10.7	220	27	21	13	43	18	0745	
	Angus	128	131	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Perth	1006	56	57	-	0	6	43	264	253	146	14	9.6	230	31	21	11	43	21	1025	
		528	53	53	-	0	0	0	85	360	275	0	5.2	250	19	16	16	42	16	1320	
	Fife	78	40	40	-	0	7	19	292	365	44	0	10.2	230	31	21	12	51	21	1035	
	Midlothian	137	40	33	-	0	4	11	201	404	104	0	8.5	210	24	21	16	45	16	1345	
		496	50	34	21	7	13	69	255	281	108	0	10.9	180	40	21	15	61	21	1300	
6a Argyll	Edinburgh, Blackford Hill	89	60	47	4, 29	6	16	187	346	116	65	0	16.0	350	36	4	09	51	4	0850	
	Bute	50	34	34	-	0	3	7	248	301	127	37	9.1	200	28	21	14	37	30	0030	
	Renfrew	188	81	31	-	0	1	3	147	399	171	0	7.1	200	27	21	11	39	21	1030	
		71	41	39	-	0	1	3	147	399	171	0	7.1	200	27	21	11	39	21	1030	
	Lanark	2415	43	33	9, 18, 21, 29	6	18	161	342	181	30	0	15.6	(290)	38	9	11	51	9	1015	
	Ayr	68	33	33	-	0	0	0	194	414	112	0	7.7	310	20	18	10	28	21	0815	
	Dumfries	310	50	50	-	0	0	0	276	316	128	0	8.6	220	21	21	12	36	21	1005	
		825	50	35	-	0	1	2	144	318	256	0	6.3	230	26	21	12	41	21	1115	
	Wigtown	81	33	33	-	0	3	3	331	284	102	0	9.5	320	23	18	11	42	9	1140	
ENGLAND and WALES																					
6b Isle of Man	Ronaldsway	119	64	39	17	3	15	113	329	204	71	0	13.4	080	35	17	16	50	17	1655	
	Point of Ayre	64	33	33	-	0	7	55	357	277	31	0	11.8	320	27	18	05	37	17	1700	
2 Durham	Durham	389	53	33	-	0	1	1	204	335	180	0	7.6	310	22	18	09	43	18	0850	
	South Shields	73	57	44	-	0	2	8	273	326	113	0	9.0	310	24	18	10	39	18	0925	
	Yorks., E.R.	76	39	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lincoln	288	47	47	-	0	2	10	206	342	154	8	8.0	210	29	18	02	50	18	0235	
3 Norfolk	Gorleston	54	43	43	8, 18, 25, 26	8	11	101	317	269	25	0	13.4	150	40	25	23	54	8	1550	
	Suffolk	98	83	60	-	0	2	11	191	366	152	0	7.8	290	28	8	21	50	18	0320	
	Bedford	322	42	30	-	0	3	15	209	363	133	0	8.6	230	27	18	03	49	18	0300	
		226	133	133	18	1	5	31	324	279	85	0	10.6	230	34	18	02	47	18	0215	
	Hertford	307	50	33	-	0	1	1	61	449	209	0	5.4	260	23	8	19	45	8	1645	
		461	41	33	-	0	0	0	31	379	310	0	4.7	240	19	8	19	47	8	1810	
	Essex	351	31	31	-	0	4	15	216	385	104	0	8.6	260	30	8	20	50	8	1825	
		66	57	48	-	0	3	8	201	381	87	43	8.5	290	26	8	19	49	8	1855	
		118	106	91	8, 17, 18	8	8	41	343	287	38	3	12.1	220	39	17	24	54	17	2330	
	Shoeburyness	533	83	35	-	0	0	0	8	202	510	0	2.6	280	14	18	03	37	18	0215	
4 Yorks, W.R.	Sheffield	643	118	73	-	0	2	6	137	541	36	0	8.3	190	25	17	22	48	17	2135	
	Warwick	343	31	31	-	0	2	9	174	439	98	0	8.2	260	27	18	04	46	17	2135	
	Buckingham	500	50	50	-	0	0	0	57	430	233	0	5.5	220	21	8	18	42	8	1745	
	Stafford	706	50	33	-	0	2	2	50	330	338	0	4.5	180	24	17	24	50	18	0005	
	Worcester	154	33	33	-	0	3	14	211	319	176	0	7.9	200	32	17	22	50	17	2155	
5 London	Kingsway	306	229	125	-	0	3	14	290	350	66	0	9.7	240	29	8	19	54	8	1755	
	Middlesex	115	33	33	-	0	3	13	231	385	91	0	9.0	240	28	8	18	46	8	1725	
		139	101	100	-	0	3	8	119	311	282	0	5.8	240	28	8	18	50	8	1630	
	Surrey	92	75	50	-	0	3	6	130	403	181	0	6.7	240	25	8	18	55	8	1735	
		232	38	33	-	0	3	15	86	428	191	0	6.2	240	29	8	18	55	8	1715	
	Kent	48	40	33	-	0	3	13	132	217	335	23	5.6	250	28	8	21	48	8	1935	
		70	50	33	8, 17, 18	12	13	58	287	236	127	0	11.3	230	45	18	02	61	18	0025	
	Dover	68	38	62	-	0	3	10	133	267	310	0	6.0	240	26	17	24	46	17	2135	
	Sussex	75	65	42	-	0	3	12	168	347	193	0	7.4	220	26	17	21	47	17	2030	
	Hampshire	86	53	46	-	0	5	24	180	873	143	0	8.4	200	33	17	20	51	17	2140	
		50	41	33	-	0	3	12	163	392	152	0	7.7	250	34	8	18	50	8	1745	
	Berkshire	318	69	35	8	1	3	8	152	319	241	0	6.5	200	25	17	22	41	17	2110	
		295	40	40	-	0	3	4	145	374	197	0	6.8	250	31	8	16	54	8	1545	
	Wiltshire	491	51	36	-	0	3	4	28	186	379	127	0	8.8	210	32	17	21	48	17	2015
		425	55	55	-	0	4	28	186	379	127	0	8.8	210	32	17	21	48	17	2015	
	Porton	406	44	44	-	0	3	14	97	292	317	0	5.6	200	31	17	21	47	8	1525	
7a Cumberland	Carlisle	137	42	30	-	0	0	0	172	342	206	0	6.8	220	21	21	11	34	21	1115	
	Sellafield	83	39	35	-	0	2	7	258	358	97	0	9.0	320	24	9	19	36	9	1825	
	Spadeadam	959	51	50	-	0	5	11	217	367	125	0	8.7	240	25	21	13	42	21	1250	
	Westmorland	2813	33	33	3-5, 9, 17, 20	46	22	265	277	107	25	0	19.4	240	43	21	13	54	17	1635	
		1960	50	45	20, 21	13	13	101	332	231	38	5	13.8	230	42	21	10	57	21	0810	
	Lancashire	88	55	35	-																

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.

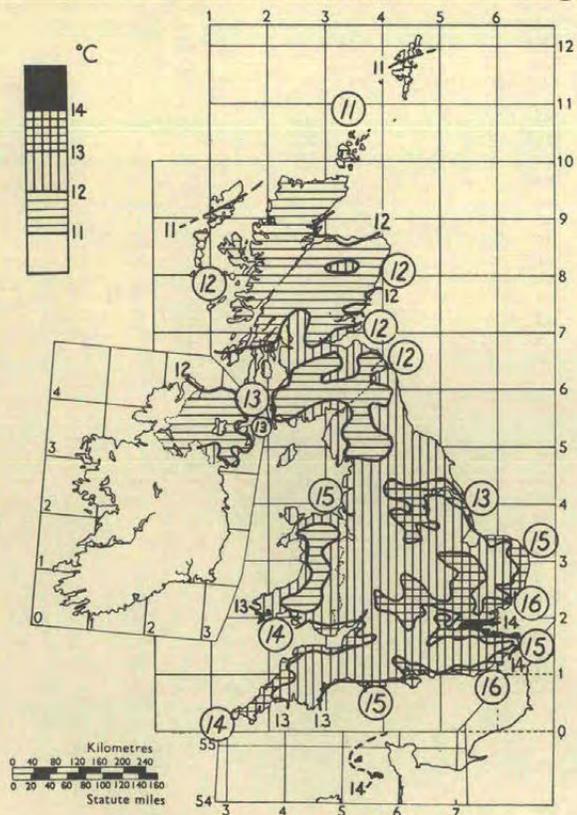


BRIGHT SUNSHINE

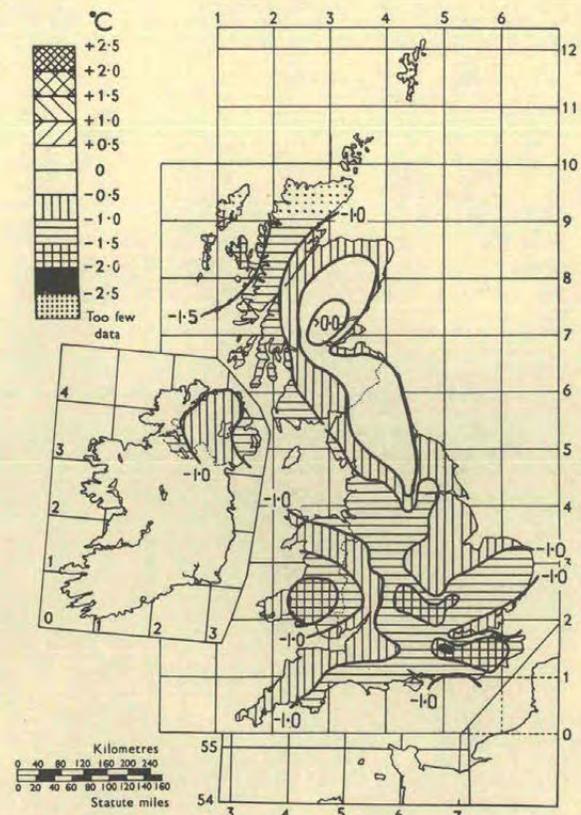


MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



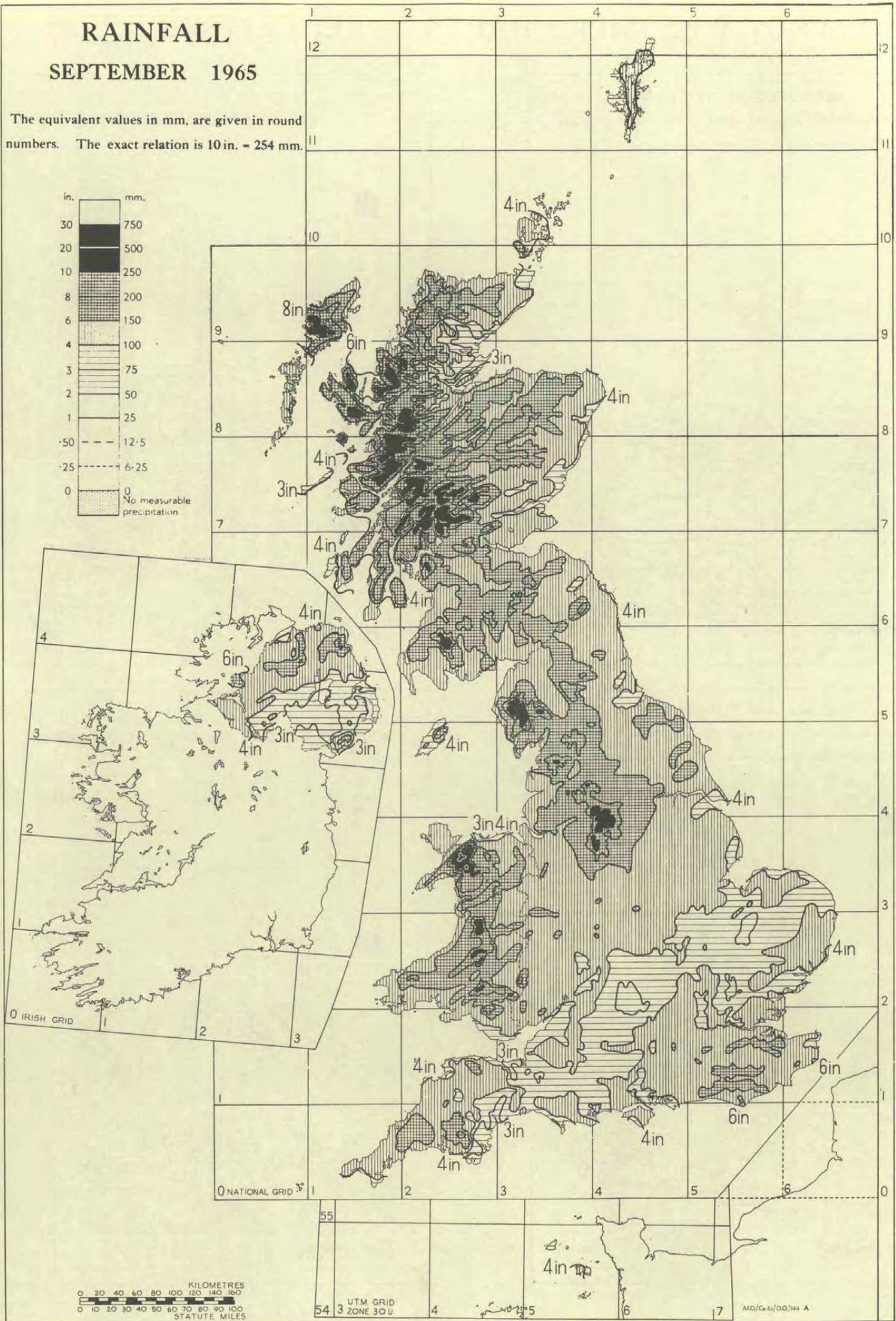
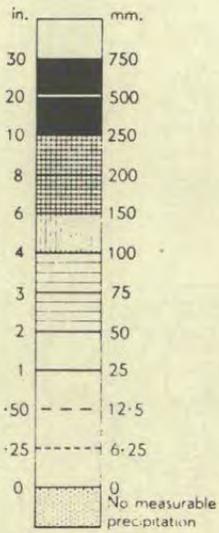
ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



# RAINFALL

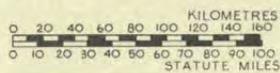
## SEPTEMBER 1965

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



0 IRISH GRID

0 NATIONAL GRID



54 3 UTM GRID ZONE 30 U

17 MO/C/11/00/144 A



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days								BRIGHT SUNSHINE																				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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																	
			A	B		Maximum	Date	Minimum	Date					Amount	Date	0.1in. (0.2mm) or more	0.4in. (1.0mm) or more																												
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	in.	Date	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.								
1 SCOTLAND, E.—cont.																																													
Midlothian																																													
—cont.																																													
Edinburgh—																																													
.. Blackford Hill	9 9	441	14.6	9.1	11.9	-0.7	20.0	15	5.0	9	-	-	-	5.48	215	1.24	3	22	16	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	2.47	59							
.. Royal Bot. Gdns.	9 9	74	15.1	8.7	11.9	-0.9	20.0	15	3.3	2	12.8	-	-	5.49	218	1.19	3	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.39	57					
E. Lothian																																													
Haddington	9 9	162	15.0	8.8	11.9	-	20.6	15	1.7	2	-	-	-	4.55	202	1.17	3	22	16	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.71	-					
Dunbar	9 9	75	14.7	9.7	12.2	-0.4	20.6	15	5.6	2	-	-	-	4.05	192	1.12	3	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.89	62				
Berwick																																													
Mertoun	9 9	225	14.9	8.1	11.5	-	18.3	25	1.1	2	-	-	-	4.94	-	1.18	3	25	15	0	0	0	0	1	-	0	6	0	0	0	0	0	0	0	0	0	0	0	2.27	-					
Lauder	9 9	600	14.4	7.3	10.9	-	20.0	15	1.7	8	-	-	-	4.83	-	1.45	17	24	16	0	0	0	0	1	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	2.51	-				
Marchmont	9 9	498	13.8	8.3	11.1	-0.8	17.8	15	3.9	8,9	-	-	-	4.28	166	.96	17	24	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.14	55 S				
Whitchester	9 9	838	13.4	7.1	10.3	-	18.9	15	3.3	8,19	-	-	-	5.38	188	1.50	17	25	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
St. Abb's Head	9 9	245	13.8	10.0	11.9	-	19.1	15	6.7	9	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Stanhope Farm	9 9	741	14.1	7.1	10.6	-	18.3	15	-1.1	2	-	-	-	5.77	153	1.42	25	20	19	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Blyth Bridge	9 9	830	13.2	7.2	10.2	-	17.8	15	0.0	2	-	-	-	5.91	182	1.52	25	21	18	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2.00	-			
West Linton	9 9	800	13.1	6.9	10.0	-	16.7	15	-1.1	2	11.0	11.8	-	5.98	163	1.32	25	24	18	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0				
Glentress	9 9	580	14.3	6.8	10.5	-	20.0	15	-1.1	2	-	-	-	5.93	226	1.70	25	23	17	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Selkirk																																													
Bowhill	9 9	600	14.2	7.9	11.1	-	17.2	15	1.1	2	-	-	-	4.94	173	1.23	25	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Roxburgh																																													
Wauchope	9 9	560																																											
Sourhope	9 9	900	13.5	7.8	10.7	-	16.7	15,25	3.3	8,9,19	-	-	-	7.09	-	1.54	3	21	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.11	-		
6a SCOTLAND, W.																																													
Argyll																																													
Tiree	9 9	29	13.4	9.6	11.5	-1.1	15.3	21	4.2	24	-	-	-	2.82	68	.48	24	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.76	65		
Rhuvaal	21-9	65	13.9	9.4	11.7	-	17.1	21	5.4	9	-	-	-	4.55	83	.73	14	21	13	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Colonsay	9 9	87	14.6	8.9	11.7	-1.0	17.2	2	4.4	28	-	-	-	5.07	102	.78	24	25	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Tobermory	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Craighouse	9 9	10	15.1	9.1	12.1	-	18.3	22	5.0	19	-	-	-	6.33	-	1.34	14	17	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Machrihanish	9 9	33	14.6	9.0	11.8	-	18.8	21	3.8	28	-	-	-	5.41	-	.95	14	21	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.29	-	
Campbeltown	9 9	10	14.8	9.3	12.1	-	18.3	2	4.4	24	-	-	-	4.96	-	1.14	24	20	12	0	0	0	0	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.59	-
Achaglachgach	9 9	40	16.2	7.5	11.9	-	19.4	3	2.8	12	-	-	-	8.99	159	1.59	14	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Lephinmore	9 9	30	14.9	8.6	11.7	-	17.8	5	4.4	12	-	-	-	6.97	109	1.09	14	21	19	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.51	- S	
Glenbranter	9 9	80	14.4	7.2	10.8	-	17.2	3	3.3	2,12	-	-	-	8.27	-	1.26	25	20	16	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Benmore																																													
.. Forestry Sch.	9 9	46	-	-	-	-	-	-	-	-	11.9	12.3	-	9.48	-	1.91	6	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
.. Younger B.G.*	9 9	40	14.9	8.2	11.5	-	18.3	2,4	4.4	2	-	-	-	9.30	113	1.97	6	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Bute																																													
Rothsay	9 9	150	14.9	9.1	12.0	-0.5	17.8	2	5.6	24	12.1	11.9	-	7.66																															

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1965

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE					
				Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day	Precip'n	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			
				A	B			Maximum	Date	Minimum	Date																		in.	%	Amount
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%	
2 ENGLAND, N.E. cont.																															
Northumberland cont.		9 9	76	14.1	9.4	11.7	-0.7	18.3	15	5.0	8, 9	-	-	5.34	267	1.83	17	21	16	0	0	0	0	0	0	0	0	0	0	2.78	61
		9 9	326	14.8	8.8	11.8	-	19.8	15	4.1	8	-	-	5.80	257	1.55	17	21	14	0	0	0	0	0	0	0	0	0	0	2.70	-
Durham		21-9	138	14.2	10.2	12.2	-1.0	19.5	15	6.2	9	-	-	4.87	211	1.28	3	20	15	0	0	0	0	0	1	0	0	0	2.58	62	
		21-9	95	14.5	9.7	12.1	-	19.3	22	4.3	8	-	-	3.67	-	.81	3	19	13	0	0	0	0	0	0	0	0	0	2.33	-	
		9 9	446	14.8	8.6	11.7	-0.8	19.4	15	3.3	8	-	-	5.72	232	1.18	3	20	14	-	-	-	-	0	0	0	1	0	-	-	S
		9 9	594	14.4	8.6	11.5	-1.0	18.3	22	3.9	8	-	-	4.09	157	.65	28	15	13	0	0	0	0	0	3	0	0	0	-	-	
		9 9	123	15.7	8.6	12.1	-0.5	20.0	22	0.6	8	-	-	3.67	150	.63	28	19	14	0	0	0	0	0	0	0	2	0	2.51	62	
		9 9	336	15.3	8.4	11.9	-0.8	20.0	22	2.8	8	13.3	12.9	3.76	159	.62	28	22	13	0	0	0	0	0	0	2	0	2	2.41	59	
		9 9	509	-	(9.3)	-	-	-	-	(5.0)	19	-	-	4.83	208	.78	28	20	16	-	-	-	-	-	0	0	0	0	2.32	-	
		9 9	30	15.3	9.8	12.5	-	20.0	15, 22	3.9	8	-	-	3.72	171	.85	3	19	15	0	0	0	0	0	1	0	0	0	2.91	-	
	Yorks., N. Riding		21-9	105	16.2	9.1	12.7	-0.8	22.9	22	4.1	19	-	-	4.34	207	.75	25	19	19	0	0	0	0	0	3	1	0	0	2.73	62
			9 9	111	15.9	8.5	12.2	-	21.7	22	2.8	8	-	-	4.45	-	.57	6	19	19	0	0	1	0	2	1	0	0	-	-	
Yorks., E. Riding		9 9	313	15.4	8.9	12.1	-1.0	20.6	22	5.0	8	-	-	4.93	193	.65	29	19	18	-	-	-	-	2	0	0	-	-	-	-	
		9 9	25	15.3	10.2	12.7	-	21.1	15, 22	6.1	8	-	-	5.37	261	1.12	3	21	15	0	0	0	0	0	0	0	0	0	2.85	-	
		9 9	143	16.0	8.3	12.1	-	22.2	22	1.7	19	-	-	5.78	-	.99	28	22	16	0	0	1	0	3	0	0	1	0	-	-	
		9 9	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9 9	118	15.6	10.1	12.9	-1.2	21.7	22	6.7	8	13.7	13.7	5.08	244	1.27	28	21	15	0	0	0	0	0	1	0	0	0	2.63	58	
		9 9	665	13.4	8.3	10.9	-	19.4	22	3.9	8	11.4	-	6.02	221	1.12	28	25	19	0	0	0	0	0	0	0	0	0	2.61	-	
		21-9	200	15.0	9.8	12.4	-	21.7	22	4.8	8	-	-	3.84	-	.91	28	19	15	0	0	0	0	1	0	0	0	0	-	-	
		9 9	574	15.1	8.3	11.7	-	20.6	22	3.9	19	12.5	-	7.17	350	1.29	28	23	20	0	0	0	0	0	2	0	1	0	2.98	-	
		9 9	8	16.8	9.9	13.3	-1.1	22.2	22	6.1	19	13.3	12.4	4.70	232	.97	8	20	16	0	0	0	0	2	0	0	0	0	3.40	78	
	Lincoln		21-9	24	16.3	9.2	12.7	-	21.3	22	4.6	27	-	-	7.33	-	1.19	3	19	15	0	0	0	0	4	0	0	1	0	3.10	-
		9 9	122	15.2	9.3	12.3	-	20.6	22	4.4	19	-	-	5.10	234	1.20	28	22	15	0	0	0	0	1	0	0	0	0	3.07	-	
		9 9	157	15.3	9.1	12.2	-	20.6	22	3.9	19	-	-	5.92	257	1.33	8	20	15	0	0	0	0	0	0	0	0	0	-	-	
		21-9	40	15.3	9.6	12.5	-	19.5	15, 22	6.5	19	-	-	3.64	-	.98	28	16	10	0	0	0	0	0	0	0	0	0	4	-	
		9 9	60	16.9	8.4	12.7	-	21.7	22	2.8	1	-	-	6.24	-	.98	3	20	16	0	0	1	0	2	0	0	3	1	-		
		21-9	224	16.3	9.0	12.7	-1.1	21.2	22	5.3	1	-	-	5.35	-	.94	8	19	16	0	0	0	0	2	1	0	0	1	3.65	-	
		9 9	22	16.8	8.2	12.5	-	21.1	22	2.8	1	13.7	13.3	4.74	247	.85	3	20	14	0	0	0	0	1	0	2	1	0	3.38	-	
		9 9	205	16.2	8.9	12.5	-1.3	21.0	22	5.5	1, 5	13.3	13.4	5.39	271	1.12	8	16	15	0	0	0	0	1	2	0	0	0	3.62	79	
		9 9	10	16.9	7.8	12.3	-	21.7	22	2.8	19	-	-	4.50	-	.90	3	22	13	0	0	0	0	2	1	0	2	1	-		
		9 9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9 9	23	16.4	9.7	13.1	-1.3	21.7	22	6.7	9, 27	-	-	4.09	220	.96	28	15	13	0	0	0	0	0	1	0	0	0	3.26	68		
	21-9	55	16.7	8.9	12.8	-	21.4	22	5.0	27	-	-	4.28	221	1.22	8	14	12	0	0	0	0	1	0	0	0	0	3.85	-		
	9 9	15	16.4	9.7	13.1	-1.1	21.1	22	6.1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	3.85	79			
3 ENGLAND, E.																															
Norfolk		9 9	13	17.2	8.6	12.9	-	21.7	22, 25	4.4	5, 20	13.5	-	3.74	205	1.23	8	14	10	0	0	0	0	0	1	0	0	0	4.09	-	
		21-9	76	16.8	8.5	12.7	-	21.4	25	4.4	5	-	-	3.49	-	.95	8	13	10	0	0	0	0	1	4	0	0	0	-		
		9 9	80	17.1	6.9	12.0	-	22.2	25	0.6	5, 20	13.8	13.6	3.83	160	1.26	3	16	12	0	0	0	0	0	0	0	0	0	4.14	-	
		21-9	250	16.4	8.6	12.5	-	20.7	15	4.9	5, 19	-	-	4.26	160	1.14	8	18	12	0	0	0	0	1	3	0	0	0	4.01	-	
		9 9	178	16.3	9.3	12.8	-1.9	21.1	15, 22	5.6	9	-	-	3.61	152	.96	8	12	10	0	0	0	0	0	0	0	0	0	4.73	95	
		9 9	93	17.1	8.8	12.9	-1.4	21.7	22	5.0	6	13.4	-	3.71	161	.98	3	13	11	0	0	0	0	0	0	0	1	0	4.13	86	
		21-9	55	16.9	8.6	12.7	-	21.1	15	4.1	23	-	-	3.29	-	.85	3	14	10	0	0	0	0	0	0	0	0	0	-		
		9 9	89	17.0	9.1	13.1	-	21.1	15, 22	5.6	6	-	-	3.35	148	1.19	3	14	11	0	0	0	0	1	3	0	0	2	4.41	-	
		21-9	12	16.7	10.4	13.5	-1.3	20.7	15	6.4	9	-	-	3.52	158	1.61	3	13	9	0	0	0	0	2	2	0	0	4	4.35	86	
	Suffolk		21-9	15	17.7	9.1	13.4	-1.1	22.4	22	5.9	5	-	-	2.66	132	.79	3	15	9	0	0	0	0	1	3	0	0	0	4.35	92
		9 9	246	16.9	8.7	12.8	-	21.1	22, 25	5.0	9	-	-	3.40	-	1.29	3	13	12	0	0	0	0	3	5	0	0	2	4.35	-	
		9 9	14	18.0	8.0	13.0	-	21.7	22	2.8	20	-	-	3.10	159	1.25	3	12	8	0	0	0	0	1	2	0	0	2	-		
		21-9	292	16.5	8.4	12.5	-	20.4	22	3.7	28	-	-	4.54	-	1.93	3	13	10	0	0										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARLY TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE			
			Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n (0.1 in. (0.2 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	Daily Mean	Percentage of Average		
			A	B			Maximum	Date	Minimum	Date					Amount	Date														
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%
4 MIDLAND COUNTIES—cont.																														
Yorks.	Huddersfield	9 9	325	15.7	9.3	12.5	-0.8	21.7	22	5.0	28	12.7	12.9	6.73	-	1.22	25	18	18	-	0	-	-	-	0	0	0	-	2.79	75
W. Riding—	Oakes	21-9	761	14.4	8.5	11.5	-1.4	20.2	22	5.0	10	12.1	11.8	7.98	252	1.45	25	20	18	0	0	0	1	2	1	0	0	2	2.68	71
—cont.	Bradford	9 9	439	-	8.8	-	-	-	-	5.6	9, 19, 28	12.5	13.1	6.41	247	1.35	25	19	18	0	0	0	0	1	0	0	0	-	-	-
	Ilkley	9 9	315	15.6	8.8	12.2	-0.9	21.7	22	4.4	1, 19	-	-	6.29	215	1.32	25	17	17	0	0	0	0	1	0	0	0	0	2.85	74
	Sheffield	9 9	429	15.6	9.3	12.5	-1.3	21.7	22	5.0	8	13.1	13.3	6.59	283	1.32	8	18	18	0	0	0	0	0	0	0	0	0	2.76	71
	Wakefield	9 9	121	16.6	9.2	12.9	-1.0	22.8	22	5.0	1, 27	13.0	12.8	6.75	326	1.13	25	19	17	0	0	0	0	0	0	1	0	-	-	
	Pontefract	9 9	255	15.7	9.9	12.8	-0.7	21.7	22	6.7	20, 27	-	-	6.39	323	1.21	25	20	17	0	0	0	0	1	4	0	0	-	-	
	Bramham	9 9	177	16.0	8.4	12.2	-	22.2	22	4.4	20	-	-	6.82	385	1.48	25	18	17	0	0	0	0	2	1	0	0	0	2.82	-
	Cawood	9 9	20	16.2	8.6	12.4	-	21.7	22	2.8	19	12.9	13.3	5.92	292	.86	25	18	17	0	0	0	0	0	0	0	0	0	2.89	-
	Askham Bryan	9 9	110	16.0	8.9	12.5	-	21.7	22	5.6	19, 21	-	-	5.58	258	1.09	5	19	17	0	0	0	0	0	0	0	0	0	2.40	61
Derby	Buxton	9 9	1007	13.8	8.2	10.7	-1.1	18.9	22	3.3	28	11.4	12.1	8.92	226	1.54	8	21	19	0	0	0	0	1	9	0	0	-	-	
	Chapel en le Frith	9 9	732	14.6	7.6	11.1	-	20.6	22	1.1	1	-	-	8.98	-	1.58	8	19	19	0	0	0	0	0	2	0	7	0	-	
	Mackworth	9 9	293	15.6	8.4	12.0	-	20.6	22	3.9	1, 19	-	-	4.83	-	1.00	25	19	16	-	-	-	-	-	-	-	-	-	-	
	Belper	9 9	203	15.9	8.3	12.1	-1.5	21.1	22	2.8	1	-	-	6.25	262	1.30	25	20	17	0	0	0	0	1	-	-	-	-	-	
	Derby	9 9	159	16.3	9.4	12.9	-	21.1	22	4.4	19	-	-	4.99	-	.97	25	21	16	0	0	0	1	2	0	0	0	3.21	-	
	Morley	9 9	350	15.6	-	-	-	21.1	22	-	-	-	-	5.92	301	1.55	25	22	17	0	0	0	0	1	-	0	0	1	3.03	-
	Chesterfield	9 9	298	16.2	8.9	12.5	-	21.1	22	5.6	20, 27	-	-	6.49	-	1.19	8	22	19	0	0	0	0	1	0	0	0	-	-	
Nottingham	Sutton Bonington	9 9	157	16.2	8.7	12.5	-1.1	20.6	22	2.8	20	13.3	13.5	5.00	269	1.27	8	17	16	0	0	0	0	0	0	0	2	0	3.14	78
	Wattall	21-9	385	16.0	8.9	12.5	-	20.9	22	4.6	1	-	-	5.63	252	1.13	25	22	20	0	0	0	0	2	2	0	0	0	2.79	70
	Nottingham T.C.**	9 9	169	16.3	9.3	12.8	-	21.7	14	5.6	19, 20	-	-	4.63	-	1.08	8	18	14	-	-	-	-	3	0	0	-	-		
	Mansfield	9 9	362	15.5	9.1	12.3	-1.3	20.6	22	6.1	1, 9, 19	13.0	-	5.78	270	1.05	8	19	17	0	0	0	0	0	1	0	0	-	-	
	Nottingham	9 9	192	16.6	9.7	13.1	-1.1	21.1	22	6.1	1, 19, 20	13.0	-	4.74	239	1.14	25	18	17	0	0	0	0	1	0	0	0	0	3.08	79
	Warsop	9 9	150	16.4	8.0	12.2	-	20.6	22	1.7	20	-	-	5.72	318	1.00	8	22	18	0	0	0	0	0	0	0	0	0	3.10	-
	Finningley	21-9	34	16.7	9.5	13.1	-0.8	21.9	22	5.2	19	-	-	5.79	-	1.10	8	21	17	0	0	0	0	0	1	0	0	0	2.89	-
Leicester	Newtown Linford	9 9	392	16.8	7.0	11.9	-	20.6	22	3.3	20	-	-	5.14	-	2.08	8	20	14	0	0	0	0	0	0	0	5	0	3.11	-
	Caldecott	9 9	175	16.8	7.0	11.9	-	21.7	22	0.0	20	-	-	3.80	-	1.33	8	13	11	-	-	-	-	2	1	1	-	3.60	-	
Northampton	Bugbrooke Mills	9 9	228	16.3	6.9	11.6	-	19.4	21, 22	0.6	5, 20, 21	12.4	13.0	3.87	-	1.17	25	19	13	-	0	-	-	-	0	0	-	3.85	-	
	Raunds	9 9	193	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Wittering	21-9	212	16.7	8.7	12.7	-	21.4	22	4.0	20	-	-	3.96	-	1.10	8	15	13	0	0	0	0	2	2	0	2	0	3.96	-
Warwick	Birmingham K.E.S.*	9 9	450	15.4	9.3	12.3	-	19.4	21, 22	5.6	9, 20	-	-	5.99	-	1.86	8	21	15	0	0	0	0	1	0	0	0	-	-	
	Egbaston	21-9	536	15.3	9.4	12.3	-1.5	20.0	22	5.8	9	11.5	11.9	6.05	243	1.87	8	20	13	0	0	0	0	1	1	0	0	0	3.27	84
	Luddington	9 9	138	16.6	8.3	12.5	-	21.1	22	2.2	20, 21	-	-	3.96	186	1.41	8	18	12	0	0	0	0	0	0	2	0	0	4.03	-
	Stratford on Avon	9 9	160	16.8	7.9	12.3	-	21.7	22	1.1	21	14.3	-	4.03	244	1.45	8	19	13	0	0	0	0	0	0	0	0	0	3.67	-
	Elmdon	21-9	319	15.7	8.7	12.2	-	19.8	22	3.9	28	-	-	4.58	210	1.55	8	18	13	0	0	0	0	1	1	0	2	0	3.27	-
	Shipston on Stour	9 9	365	16.1	8.2	12.1	-	20.6	21, 22	2.8	20, 21	12.8	-	3.69	-	1.35	8	20	13	0	0	0	0	0	2	0	4	-	3.78	-
	Wellesbourne	9 9	153	16.3	8.3	12.3	-	21.1	22	2.2	20	13.6	14.1	3.68	161	1.26	8	15	13	0	0	0	0	0	0	0	2	0	3.81	-
	Moreton Morrell	9 9	280	16.3	8.8	12.5	-	21.1	22	4.4	28	-	-	3.73	-	1.20	8	16	10	0	0	0	0	0	0	0	2	0	3.95	-
	Coventry	9 9	338	15.9	8.7	12.3	-1.4	20.0	22	3.9	20	13.6	13.1	4.58	207	1.72	8	16	13	-	0	-	-	-	0	0	-	3.41	83	
	Rugby	9 9	385	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Oxford	Oxford	9 9	208	16.8	9.1	12.9	-1.5	21.7	22	3.9	5	14.3	14.6	2.97	135	1.03	25	15	12	0	0	0	0	0	0	0	0	4.10	93	
Buckingham	Medmenham	9 9	98	17.1	6.9	12.0	-	20.0	21, 22	1.1	20	-	-	4.26	-	1.05	25	18	14	-	-	-	-	-	0	7	-	-		
	Grendon Underwood	9 9	220	16.8	7.2	12.0	-	21.1	22	0.6	20, 21	14.0	14.2	3.16	-	1.15	25	17	13	0	0	0	0	0	0	4	0	3.69	-	
	Bletchley	9 9	281	17.1	8.6	12.9	-	21.1	21, 22	3.9	5	-	-	3.57	-	1.26	25	17	13	0	0	0	0	3	1	0	0	-	-	
	Aylesbury	9 9	316	16.3	7.8	12.1	-	20.0	22	3.3	5	-	-	3.60	164	1.30	25	16	13	0	0	0	0	0	2	2	1	4.07	-	
Stafford	Keele	9 9	587	14.8	8.3	11.5	-	19.4	21	3.9	1	12.4	12.5	5.76	214	1.67	8	22	19	0	0	0	0	0	0	0	0	0	2.77	-
	Oaken	9 9	409	15.4	7.8	11.6	-	20.0	21	3.3	1	12.5	-	5.73	-	1.72	8	19	17	-	-	-	-	-	-	-	9	-		
	Stone	9 9	350	15.2	7.6	11.4	-	20.0	21																					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE							
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Number of days										Daily Mean	Percentage of Average					
			A	B		Maximum	Date	Minimum	Date					Amount	Date	0-in. (0-2mm.) or more	0-in. (1-0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grain min. below 0° C	Gale								
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	0-in. (0-2mm.) or more	0-in. (1-0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grain min. below 0° C	Gale	hr	%					
5 ENGLAND, S.E.—cont.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	0-in. (0-2mm.) or more	0-in. (1-0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grain min. below 0° C	Gale	hr	%					
Surrey																																		
cont.																																		
Kent																																		
Sussex																																		
Berkshire																																		
Hampshire																																		
I. of Wight																																		
Wiltshire																																		
7a ENGLAND, N.W.																																		
Cumberland																																		
Westmorland																																		

\*\* Sunshine read at Bracknell (Easthampstead)

\* Seed Trial Grounds

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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			
			A	B			Maximum	Date	Minimum	Date					Amount	Date	0.1 in. (0.2 mm.) or more	0.1 in. (1.0 mm.) or more														
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%		
7a ENGLAND, N.W.—cont.																																
Lancashire	Squires Gate	21-9	33	15.7	9.2	12.5	-1.4	18.6		2.8	1	-	-	4.77	145	.88	25	18	17	0	0	0	0	0	0	0	0	0	0	3.63	82	
	Urswick	9 9	130	15.6	8.7	12.1	-	18.3	1,13	3.3	8	-	-	6.15	131	1.12	25	20	18	0	0	0	0	0	0	1	1	0	-	-		
	Southport	9 9	16	15.6	8.8	12.2	-	18.9	15	3.9	1	12.8	12.4	4.74	147	1.03	25	19	16	-	-	-	-	2	0	0	0	0	3.54	-		
	Poulton-le-Fylde	9 9	38	15.2	9.2	12.2	-	17.8	21	2.8	1	-	-	4.89	136	1.07	25	16	13	0	0	0	0	0	0	1	0	0	-	-		
	Grizedale	9 9	300	14.8	7.3	11.1	-	16.7	2,5,13	1.1	1	13.2	-	8.95	-	1.95	15	26	20	0	0	0	0	0	0	0	0	0	(7)	0	-	
	Speke	21-9	80	15.9	9.8	12.9	-	21.0	21	5.8	28	-	-	6.05	214	1.12	8	16	14	0	0	0	0	0	0	0	0	0	1	0	3.06	
	Kirkham	9 9	78	15.7	8.3	12.0	-	18.9	21	2.2	1	-	-	4.94	131	.95	25	18	15	0	0	0	0	0	0	2	0	0	0	3	4.43	
	Garstang	9 9	68	15.5	8.6	12.1	-	19.4	14	3.3	1,2	-	-	6.43	165	1.15	25	18	15	-	-	-	-	0	0	0	0	0	3	-	3.11	
	Morecambe	9 9	24	15.5	9.9	12.7	-1.2	17.8	24,25	6.1	1	-	-	6.91	179	1.37	15	18	16	0	0	0	0	0	0	0	0	0	0	0	3.43	80
	Penketh	9 9	50	16.1	8.7	12.4	-	21.1	21	3.9	1,14,28	13.2	12.9	6.37	-	1.09	8	20	15	0	0	0	0	0	0	1	0	3	0	3.29	-	
	Preston	9 9	108	15.7	8.9	12.3	-	19.4	21	3.3	1	-	-	5.63	146	1.03	25	21	15	0	0	0	0	0	1	1	0	1	0	-	-	
	Stonyhurst	9 9	377	14.9	8.7	11.8	-1.2	18.3	15,21,22	4.4	8	-	-	6.35	139	1.33	9	17	15	-	-	-	-	2	0	0	0	0	-	2.41	63	
	Manchester W/Centre																													2.63	-	
	Helmshore	9 9	854	13.9	8.1	11.0	-	18.9	22	5.0	1	11.3	-	7.40	139	1.23	9	22	17	-	-	-	-	2	0	1	-	-	-	2.59	-	
	Burnley	9 9	655	14.4	7.9	11.1	-	18.3	22	3.3	1	11.9	11.7	7.00	-	1.24	9	21	16	0	0	0	0	0	0	1	0	0	0	2.34	-	
	Nelson	9 9	540	14.4	8.4	11.4	-	18.9	22	4.3	1	12.6	12.2	6.03	150	1.04	25	20	15	-	-	-	2	0	0	-	-	-	-	2.46	- S	
	Rochdale	9 9	362	15.3	8.0	11.7	-	20.0	22	1.7	1	-	-	7.00	182	1.18	9	21	17	0	0	0	0	0	0	1	0	0	0	-	-	
	Cheshire	Bidston Obs'y.	9 9	198	14.9	10.1	12.5	-1.2	19.4	21	7.8	10,27	-	5.07	193	.84	8	15	14	-	-	-	-	0	0	0	0	0	-	3.49	83	
	Winnington	9 9	65	15.8	9.4	12.6	-	21.7	21	4.4	28	-	-	5.64	208	1.64	8	17	17	0	0	0	0	0	1	0	0	0	-	-		
	Knutsford	9 9	212	15.8	8.5	12.1	-	21.7	22	3.9	1	13.3	13.9	6.99	244	1.54	8	18	17	-	-	-	-	1	0	1	-	-	-			
	Ringway	9 9	248	15.3	9.4	12.3	-1.2	19.8	21	4.9	1	-	-	6.72	251	1.55	8	19	16	0	0	0	0	1	1	1	0	0	0	2.97	77	
	Macclesfield	9 9	500	14.9	8.7	11.8	-1.4	20.0	21	3.3	1	-	-	7.62	246	1.62	8	21	19	0	0	0	0	0	1	1	0	-	-	-		
7b NORTH WALES																																
Flint	Rhyl	9 9	31	15.6	9.3	12.5	-1.6	18.9	15,21	4.4	2	-	-	3.52	134	.90	8	17	13	0	0	0	0	0	0	0	0	0	0	3.00	69	
	Prestatyn	9 9	12	15.7	10.0	12.9	-	19.4	21,24	6.1	2,14	-	-	4.00	147	.75	8	18	16	0	0	0	0	0	0	0	0	0	-	2.89	71	
	Hawarden Bridge	9 9	17	16.1	9.2	12.7	-1.3	20.6	15,21	3.3	28	-	-	4.71	201	1.23	8	18	12	0	0	0	2	0	0	0	0	0	-	-		
Anglesey	Valley	21-9	33	15.2	10.3	12.7	-1.5	17.4	2	5.0	28	-	-	4.35	138	1.08	17	18	14	0	0	0	0	0	1	0	0	0	0	3.45	75	
Denbigh	Colwyn Bay	9 9	118	15.2	10.2	12.7	-1.6	18.9	15,22	6.7	14	13.5	-	2.66	95	.59	8	15	11	0	0	0	0	0	0	0	0	-	2.99	68		
	Alwen	9 9	100	12.9	-	-	-	16.1	15,21	-	-	-	-	7.13	167	1.02	8	23	16	-	-	-	-	2	6	-	-	-	-			
	Ruthin	9 9	248	15.3	7.4	11.3	-	18.9	21,22	2.2	10,11	-	-	4.77	-	1.18	8	16	13	-	-	-	1	0	-	-	-	-	3.01	-		
	Loggerheads	9 9	690	14.4	7.4	10.9	-	18.3	20,21	2.2	2,28	11.8	12.3	6.50	-	1.62	8	18	18	0	0	0	0	1	1	0	0	2	-	-		
	Bwlchgwyn	9 9	267	12.7	-	-	-	16.7	15,22	-	-	-	-	7.46	209	1.83	8	21	17	0	0	0	0	0	1	1	0	1	0	-		
	Wrexham	9 9	275	15.8	8.7	12.3	-	22.2	21	5.0	14,20,22	12.9	13.2	1.46	8	-	-	-	-	-	-	-	0	0	0	0	0	5	0	-		
Caernarvon	Bardsey Island	21-9	61	14.6	11.4	13.0	-	16.4	16	8.4	28	-	-	4.31	-	1.11	15	16	15	-	-	-	0	0	0	0	0	-	-			
	Botwnnog	9 9	112	14.7	9.4	12.1	-	16.7	2,16	5.0	12,28	14.0	14.2	6.08	-	1.47	15	21	17	0	0	0	0	2	1	0	1	1	3.31	-		
	Bryn Adda	9 9	275	15.0	9.4	12.2	-	17.8	21	5.6	14,28	-	-	5.22	118	1.34	16	20	19	0	0	0	0	0	0	0	0	0	0	3.18	-	
	Cwm Dylli	9 9	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Aber	9 9	60	10.1	-	-	-	19.4	22	6.1	14	-	-	5.35	137	1.06	15	17	15	0	0	0	0	0	0	0	0	0	0	-		
Merioneth	Llandudno	9 9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Llyn Stwlau	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Corwen	9 9	473	14.9	6.2	10.5	-	18.3	21	-0.6	2	-	-	5.60	171	1.31	8	20	16	0	0	0	0	0	1	-	1	2	0	- S		
Montgomery	Ceinws	9 9	200	15.5	6.9	11.2	-	20.0	21	1.1	2,28	-	-	8.12	-	1.81	15	21	17	-	-	-	-	0	0	3	-	-	-			
	Lake Vyrnwy	9 9	995	13.4	7.4	10.4	-	17.2	21	3.3	28	11.8	-	6.19	123	1.42	8	20	16	0	0	0	0	1	0	0	16	0	-			
8a SOUTH WALES																																
Cardigan	Aberporth	21-9	378	14.5	9.7	12.1	-2.0	17.8	21	5.3	28	-	-	4.36	130	1.20	8	19	14	0	0	0	0	2	0	1	1	3.31	-			
	Aberystwyth	9 9	12	18.9	13,21	3.9	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.02	69		
	P.B.S.*	9 9	452	14.8	8.6	11.7	-1.8	18.3	21	5.0	2,28	-	-	4.99	156	1.24	8	21	16	0	0	0	0	0	0	2	0	0	3.15	74		
	Gogerddan	9 9	103	15.4	7.9	11.7	-	19.4	21	1.7																						





TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1965

Table with columns for District, County and Place; Hour of Observation; Mean Pressure; Mean Temperature and Humidity; Cloud Amount (OKTAS); Visibility; Wind, Number of Observations; and Direction. The table is organized into sections for 2 ENGLAND, N.E., 3 ENGLAND, E., and 4 MIDLAND COUNTIES, with sub-sections for various counties like Yorkshire, Lincoln, Norfolk, Suffolk, and Hertfordshire.







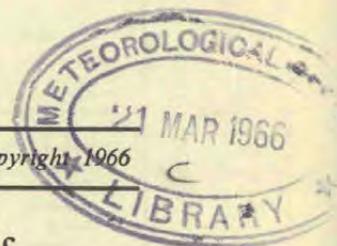
# Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 10

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1966



## October 1965 — Exceptionally dry in England and Wales

The Weather was predominantly anticyclonic in character.

The cool unsettled weather of September continued into the early days of October, a small depression over central England giving widespread and locally heavy rain (some places in Wales recorded more than 1 inch) on the 1st. The rain continued in the west on 2nd and 3rd as the depression became absorbed into the circulation of another vigorous disturbance moving south-eastwards from off the west of Ireland to the Bay of Biscay.

A ridge of high pressure brought 10 hours of sunshine to parts of southern England on both the 4th and the 5th, and thereafter for the next few days a complex low pressure area to the west of the British Isles maintained a warm south-easterly airstream which had become established over most of England. Afternoon temperatures reached 23°C at places as far apart as St. Mawgan, Mildenhall and Manchester on the 5th. Fog became widespread that night with visibility down to 5 yards locally in eastern England. The fog was most extensive on the 6th when much of the east coast from Caithness to Lincolnshire remained cool and foggy all day.

On the 7th an intensifying anticyclone near Iceland moved south-eastwards and the next day freshening easterly winds brought much cooler weather to all districts and occasional drizzle to south-east England. The anticyclone remained centred near the north of Scotland during the next two days and weather everywhere was dry and sunny with temperatures about normal. By the 11th cloud from the North Sea affected many north-eastern districts, and this cloud extended over much of the country on the 12th and 13th.

By the 13th the anticyclone had moved eastwards into Europe as a vigorous depression approached Iceland and the next day an associated slow-moving cold front brought a belt of rain across the country. This proved to be only a temporary break in the dry weather as after a showery day in a northwesterly airstream behind the cold front on the 15th, pressure quickly rose again as an anticyclone from the Atlantic approached the British Isles.

This new anticyclone was centred over southern England on the 16th and 17th and thereafter moved slowly eastwards into Europe but the British Isles remained under its influence until the 25th and many stations had no measurable rain until after that date. Afternoon temperatures rose above average in many places towards the end of the period and there were long spells of sunshine, particularly on the south-east coast where Southend averaged 8 hours of sunshine per day between the 16th and 25th. Local air frost and fog developed at night especially on the 22nd and 23rd when some parts of the Midlands stayed cold and foggy all day. Air temperature at Gatwick fell to -4°C early on the 23rd and in parts of Bedfordshire and Oxfordshire it failed to rise above 7°C all day.

The fine spell was brought to an end on the night of the 26th/27th as rain on a slow-moving cold front, associated with a deep depression near Iceland, spread across Scotland. The rain was heavy in some western districts on the 27th and reached most other districts that night. On the 28th a wave depression on the cold front deepened as it reached Scotland and wind rose to gale force in many districts. Rain was heavy for a time but soon gave place to showers which were only scattered

on the 29th. The month ended wet and stormy as deep depressions skirted the north coast of Scotland. Wind reached 80 kt in gusts on the 31st and many places in western Scotland recorded more than 2 inches of rain.

**Pressure and Wind** — Mean pressure was everywhere above the 1921-60 average the excess at 9 hr ranging from +7.2 mb at Lerwick Observatory to +2.6 mb at St. Mary's, Scilly. Surface winds, mainly between south and south-east at first became generally easterly on the 8th-13th and then rather variable and mainly light until the 18th apart from northwesterlies on the 15th. From the 19th to the 26th winds were mainly south to south-east but were west to south-west during the last few days of the month. Winds reached gale force on 11 days in Scotland and on the 1st, 9th, 10th and 28th-31st (7 days) in England and Wales. Gales were widespread on the 31st. A gust of 82 kt was recorded at Lerwick on the 28th and one of 80 kt at Kirkwall on the 31st.

**Temperature** — Day temperatures were highest during the first week, being as much as 7°-8°C above the average in some places on the 5th-7th. They were also above the average (about 4°C) during the fourth week of the month. Ground frost was prevalent during the third week and air frost was recorded at many places on the 17th, 18th and 22nd-24th.

**Extremes included:** (England and Wales) 26.1°C at Hampton on the 7th, -3.8°C at Gatwick on the 23rd; (Scotland) 22.2°C at Cape Wrath on the 22nd and at Mertoun on the 5th, -8.8°C at Happendon Station on the 24th; (Northern Ireland) 18.9°C at Lisnafillan on the 6th and at Reagh Island on the 5th; -2.2°C at Somerset Forest on the 18th.

**Rainfall** — It was an exceptionally dry month in many places: in England and Wales it was the driest October since 1809 apart from 1947. Rainfall was less than 25 per cent of the average over most of the country south-east of a line from the Severn to the Humber and below 15 per cent in parts of Devon and north-west England but exceeded 100 per cent near Carlisle. Western and central Scotland had near or above average rainfall but in north-west Scotland rainfall was only 50 per cent of the average.

Sleet or snow showers were reported in Scotland on the 28th-31st.

Thunder was heard in Scotland on the 28th-31st (4 days) and in England and Wales on the 1st, 7th, 15th and 30th.

**Sunshine** — In England and Wales sunshine was mainly above the average in the south-east and north-west; percentages ranged from 173 near Aberystwyth to 75 at Newport (Shropshire) and at Watnall. In Scotland it was above the average in the north and at a few places in the south and south-west but was below the average elsewhere. At Gordon Castle it was the sunniest October since 1920.

**Fog** — In Scotland fog was reported at 9 hr in one place or another on 22 days and in England and Wales (except for high level stations) it occurred daily until the 27th apart from the 9th-11th and 15th. Fog was dense and persisted throughout the day in parts of the Midlands on the 6th, 22nd and 23rd.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 6 nights.

TABLE I—DISTRICT VALUES— OCTOBER, 1965 (1908, revised 1928, 1941, 1956 and 1964)

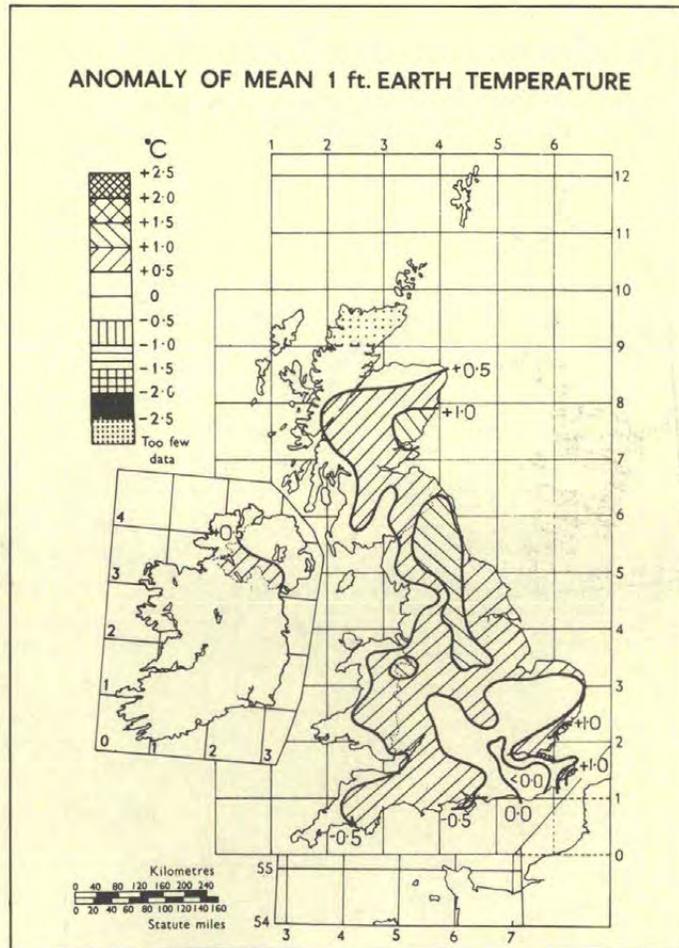
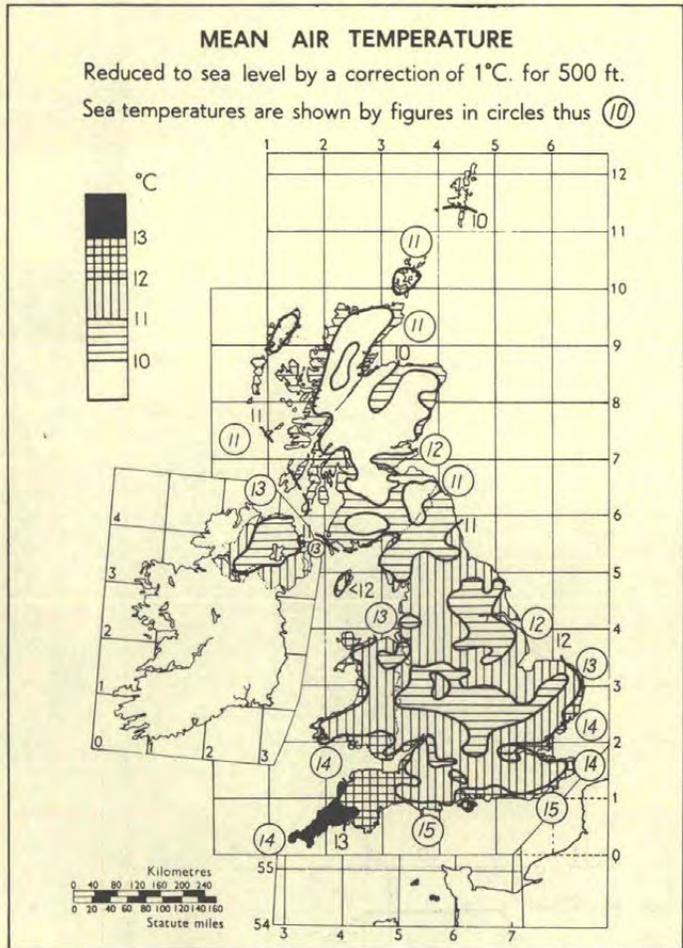
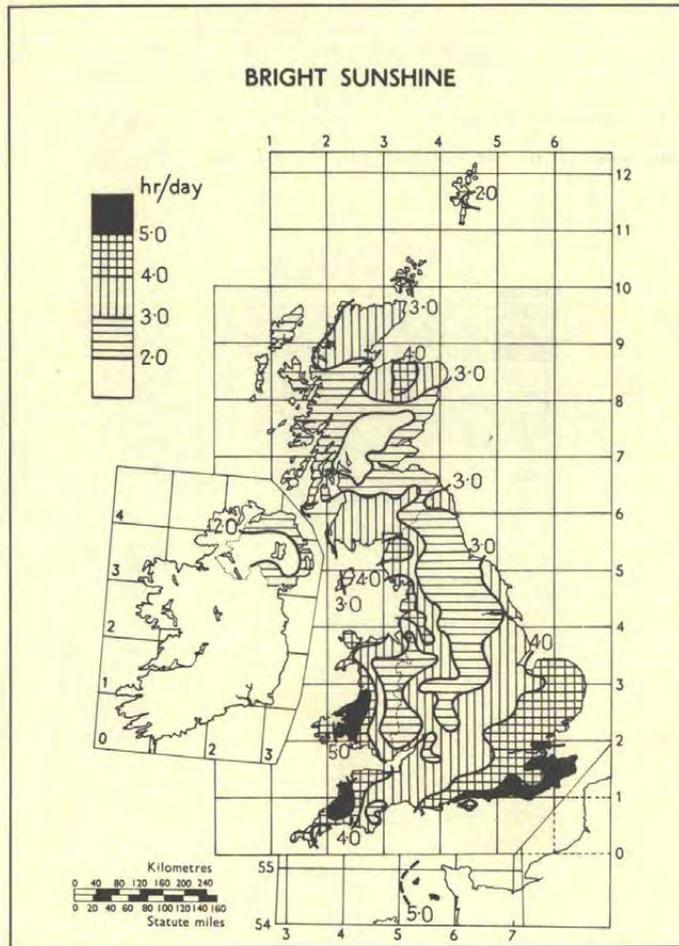
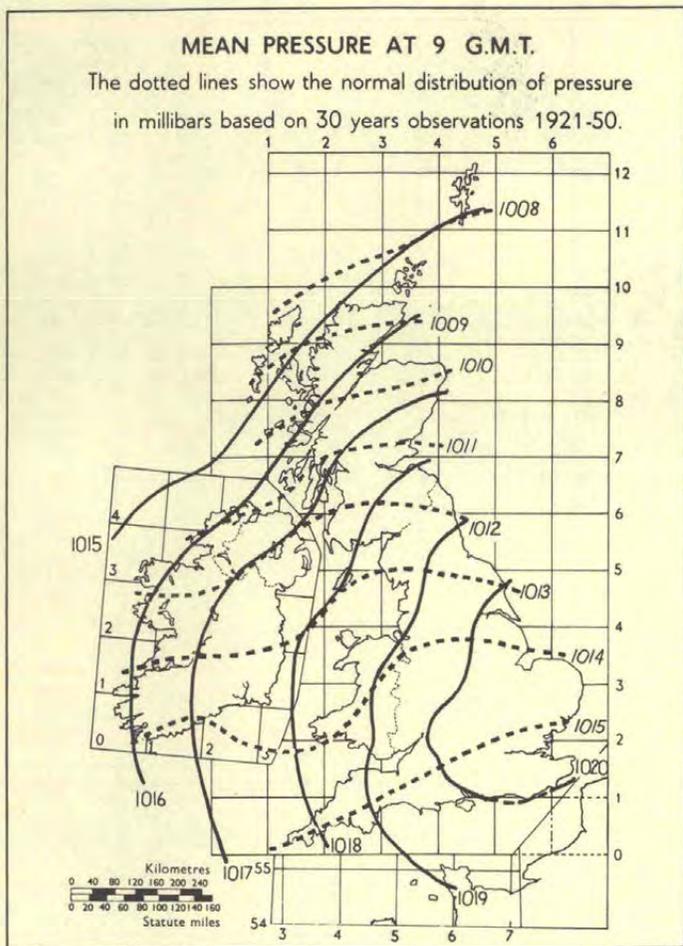
DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
0 SCOTLAND, N.	18.3	0.0	+0.6	+0.7	+0.7	-	-	-7	98	117
1 SCOTLAND, E.	19.4	-2.8	+0.2	+0.4	+0.3	-	-	-5	69	88
2 ENGLAND, N.E.	20.3	-0.6	+0.6	+0.8	+0.7	+1.1	-0.1	-7	37	91
3 ENGLAND, E.	22.8	-1.7	+0.7	+0.4	+0.6	+0.4	-0.3	-9	28	125
4 MIDLANDS	22.8	1.0	+0.8	+0.8	+0.8	+0.6	0.0	-7	39	97
5 ENGLAND, S.E.	24.4	-1.7	+1.4	+0.7	+1.0	+0.1	-0.5	-9	24	133

\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average									
6 SCOTLAND, W.	19.9	-0.6	+0.7	+0.5	+0.6	+0.5	+0.1	-7	93	108
7 ENGLAND, N.W. and N. Wales	22.7	-0.4	+1.3	+0.8	+1.0	+0.9	+0.4	-9	57	138
8 ENGLAND, S.W. and S. Wales	21.7	1.1	+0.5	+0.7	+0.6	+0.4	0.0	-9	29	89
N. IRELAND	18.3	-1.0	+0.6	+0.7	+0.7	-	-	-6	77	72
SCOTLAND	19.9	-2.8	+0.5	+0.5	+0.5	-	-	-6	85	104
ENG. and WALES	24.4	-1.7	+0.9	+0.7	+0.8	-	-	-8	33	112

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER, 1965 (1914)

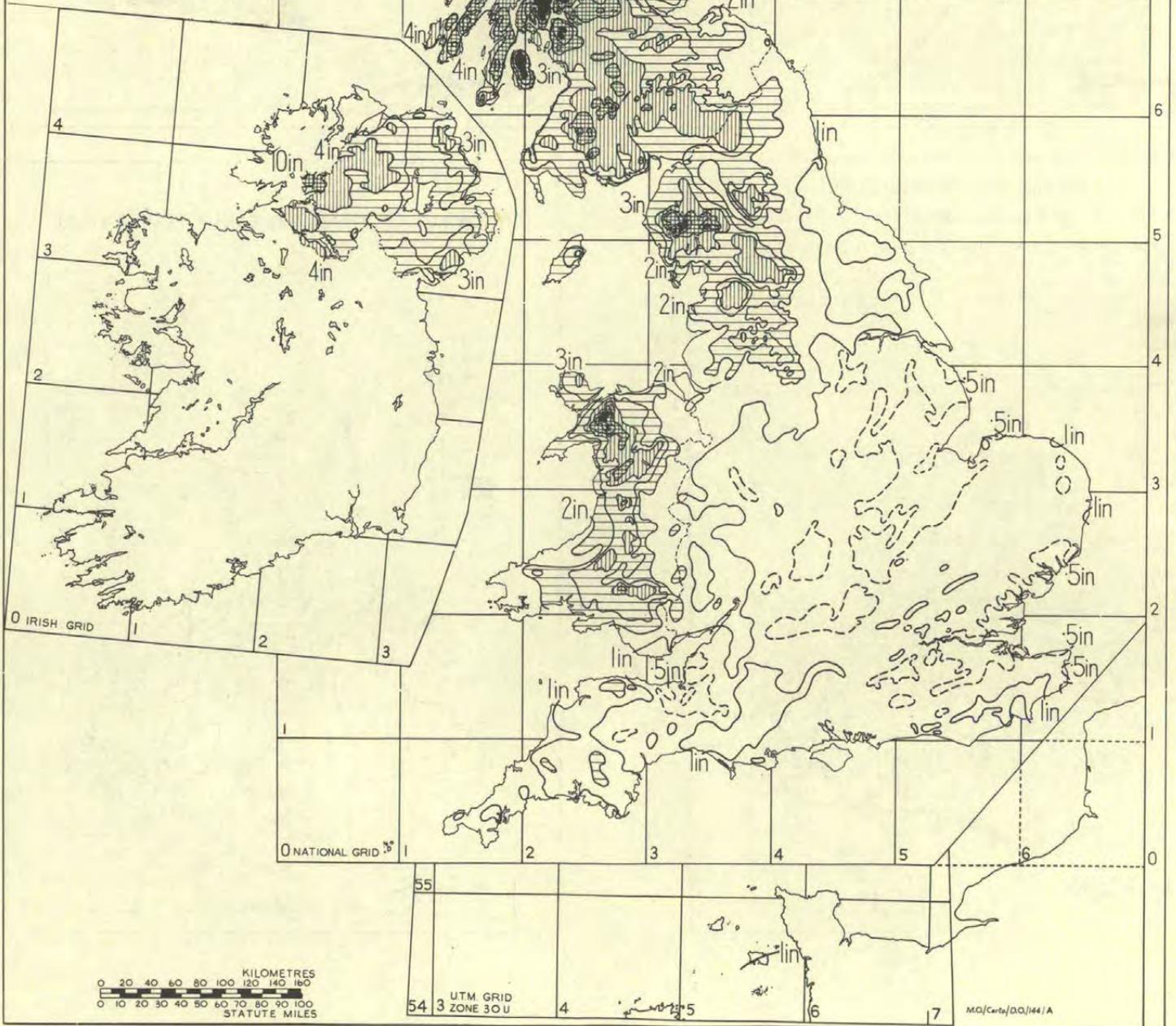
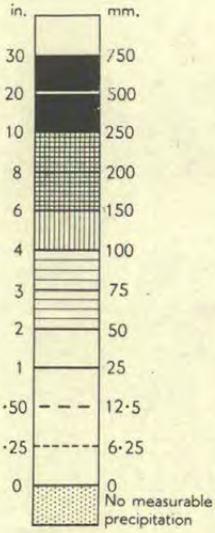
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots		4 to 10 knots			Less than 4 knots	No Record	Highest Hourly Wind			Highest Gust		
				Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration				knots	Speed	Hour ended at	Speed	Day and Time	
																				hr.
ft.	ft.	ft.	ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	knots	Speed	Hour ended at	Speed	Day and Time				
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	28-31	25	8	54	413	200	52	0	14.1	230	58	28	20	82	28	1920
	Orkney	134	50	33	28, 30, 31	32	6	29	354	278	51	0	12.7	240	48	28	17	80	31	0300
	Calthness	110	39	30	24, 28, 30, 31	28	11	88	293	227	71	37	13.6	280	50	31	03	74	31	0245
	Sutherland	78	33	33																
	Ross & Cromarty	120	40	36	28, 30	17	11	75	277	197	178	0	11.3	270	49	28	11	69	28	1040
	Inverness	125	65	55																
		52	33	38	28, 30	15	11	77	378	222	52	0	13.6	240	46	28	09	70	28	0825
		189	53	53																
		57	41	41	28, 30	5	5	40	196	376	127	0	9.1	230	43	28	11	66	28	1030
1 Moray	Kinloss	101	80	60	28	1	3	32	138	377	196	0	7.6	240	35	28	12	58	28	1050
	Aberdeen	234	30	30																
	Angus	128	131	124																
	Perth	1006	56	57	28	2	6	67	246	297	127	15	10.2		34	28	14	55	28	0655
		528	53	53																
		78	40	40	28	1	5	57	216	294	176	0	9.4	230	34	28	14	56	28	1220
	Fife	137	40	33																
	Middlethian	496	50	34	28, 30	5	6	89	147	325	178	0	9.6	180	38	30	02	61	30	0250
		89	60	47	28-30	14	18	220	270	133	107	0	15.7	220	44	28	07	65	28	0625
6a Argyll	Tiree	50	34	34																
	Bute	188	81	31																
	Renfrew	71	41	39																
		2415	43	33	27-31	32	13	138	369	186	21	0	16.0	210	41	30	04	69	31	2230
	Lanark	68	33	33																
	Ayr	310	50	50																
	Dumfries	825	50	35																
		81	33	33																
	Wigtown																			
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	20, 28-31	14	11	157	349	193	31	0	15.5	210	37	28	06	55	30	1035
	Point of Ayre	64	33	33																
2 Durham	Durham	389	53	33																
	South Shields	73	57	44																
	York, E.R.	76	39	33																
	Lincoln	288	47	47																
3 Norfolk	Kilnsea	54	43	43																
	Gorleston	98	83	60																
	Suffolk	322	42	30																
	Bedford	226	133	133																
	Cardington	307	50	33																
	Hertford	461	41	33																
	Garston	351	31	31																
	Rothamsted	66	57	48																
	Essex	118	106	91																
	Shoeburyness	533	83	35																
4 York, W.R.	Sheffield	643	118	73																
	Edgbaston	343	31	31																
	Elmdon	500	50	50																
	Warwick	706	50	33																
	Amersham	154	33	33																
	Buckingham	306	229	125																
	Stafford	115	33	33																
	Worcester	139	101	100																
5 London	Kingsway	92	75	50																
	Middlesex	232	38	33																
	London(Heathrow) Airport	48	40	33																
	Hampton	70	50	33																
	Surrey	68	38	62																
	Kew Observatory	232	38	33																
	Gatwick	48	40	33																
	Kent	70	50	33																
	Dungeness	68	38	62																
	Dover	75	65	42																
	Sussex	86	53	46																
	Hampshire	50	41	33																
	Calshot	318	69	35																
	S. Farnborough	285	40	40																
	Berkshire	491	51	36																
	Wiltshire	425	55	55																
	Boscombe Down	406	44	44																
	Porton	137	42	30																
7a Cumberland	Carlisle	83	39	35																
	Sellafield	959	51	50																
	Spadadam	2813	33	33	1, 26-31	88	17	93	428	138	2	0	18.6	230	54	28	06	71	28	0525
	Westmorland	1960	50	45	27, 28, 30	17	11	103	334	225	41	24	13.9	230	41	28	03	61	28	0320
	Lancashire	88	55	35																
	Squires Gate	68	45	36																
	Southport	112	50	31																
	Fleetwood	109	41	33																
	Speke	268	147	55																
	Manchester W/Centre	262	64	39																
	Cheshire	261	33	33																
	Bidston Observatory	86	53	40	28-31	25	8	101	226	291	101	0	12.3	210	40	30	06	54	30	0515
7b Anglesey	Valley	483	41	41																
8a Cardigan	Aberporth	155	33	33																
	Pembroke	432	68	45																
	Milford Haven C.B.	91	40	35																
	Glamorgan	257	37																	



# RAINFALL

## OCTOBER 1965

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



54 3 UTM GRID ZONE 30 U

17 M.O./Curtis/00/144/A



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days								BRIGHT SUNSHINE						
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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			
			A	B		Maximum	Date	Minimum	Date					Amount	Date	-0.1in. (0.3mm.) or more	-0.4in. (1.0mm.) or more														
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%		
1 SCOTLAND, E.—cont.																															
Midlothian	Davidson's Mains	9 9	200	12.4	6.8	9.6	+0.3	17.8	5	1.7	19,24	9.6	-	2.76	95	.86	31	14	11	0	0	0	0	0	0	4	0	8	0	2.53	-
—cont.	Penicuik ...	9 9	620	12.2	4.7	8.5	-	18.3	5	-2.8	24	9.2	-	4.02	105	1.44	31	13	12	0	0	1	0	1	4	4	10	0	2.38	-	
	Bush House ...	9 9	605	12.1	5.2	8.7	-	(18.9)	5	-2.8	24	9.4	10.8	3.69	101	.93	31	18	12	0	0	0	0	0	4	4	9	2	2.35	-	
	Edinburgh—																														
	.. Blackford Hill	9 9	441	12.4	7.3	9.9	+0.4	18.3	5	2.2	24	-	-	2.53	89	.87	31	12	11	0	0	0	0	0	0	4	0	1	3	2.28	74
	.. Royal Bot. Gdns.	9 9	74	12.6	6.7	9.7	+0.1	17.8	5	0.6	19,20	10.0	-	2.43	88	.76	31	13	11	0	0	0	0	0	0	4	0	9	0	2.26	80
E. Lothian	Haddington ...	9 9	162	13.2	6.1	9.7	-	18.3	5	-1.7	24	-	-	1.82	68	.73	31	11	6	0	0	0	0	0	3	4	9	0	2.45	- S	
	Dunbar ...	9 9	75	12.9	7.6	10.3	+0.5	16.7	4	2.8	23,24	-	-	1.55	64	.68	1	8	4	0	0	0	0	0	0	0	0	0	0	2.92	92
Berwick	Mertoun ...	9 9	225	12.8	4.9	8.9	-	22.2	5	-2.2	18	-	-	1.81	-	.73	31	14	5	0	-	0	0	0	0	0	0	0	0	2.13	-
	Lauder ...	9 9	600	12.5	4.2	8.3	-	18.9	5	-3.9	23	-	-	2.20	-	1.04	31	15	7	0	0	1	0	8	7	13	0	3.06	-		
	Marchmont	9 9	498	12.3	5.6	8.9	+0.2	19.4	5	-2.8	23	-	-	1.90	58	.69	31	16	8	0	0	0	0	0	3	1	-	0	1.98	80 S	
	Whitchester ...	9 9	838	12.0	5.3	8.7	-	19.4	5	0.0	23	-	-	2.30	65	.87	31	18	8	0	0	0	0	0	0	0	0	0	0	0	0
	St. Abb's Head ...	9 9	245	12.3	8.2	10.3	-	17.9	5	1.7	23	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	
Peebles	Stanhope Farm	9 9	741	12.9	4.7	8.8	-	19.4	6	-6.1	23	-	-	3.90	81	1.27	31	9	9	0	0	0	0	0	0	0	0	0	0	0	0
	Blyth Bridge ...	9 9	830	11.8	4.8	8.3	-	17.8	5	-4.4	23	-	-	3.57	96	1.36	31	12	11	0	0	0	1	0	1	5	9	1	2.84	-	
	West Linton ...	9 9	800	11.8	4.2	8.0	-	17.8	5	-3.3	19,23	8.7	10.4	3.73	93	1.42	31	16	11	0	0	0	0	0	0	0	0	0	0	0	0
	Glentress ...	9 9	580	13.3	4.8	9.1	-	19.4	5	-2.2	23	-	-	2.30	71	1.10	31	11	8	0	0	0	0	0	0	0	0	0	0	0	0
Selkirk	Bowhill ...	9 9	600	12.4	4.4	8.4	-	20.0	5	-2.8	23	-	-	2.40	66	.98	31	13	6	0	0	1	0	0	0	8	6	-	1	-	
Roxburgh	Wauchope ...	9 9	560	12.8	4.6	8.7	-	20.6	5	-3.9	23	-	-	2.50	69	.82	31	11	7	0	0	0	0	0	0	0	1	5	-	2	-
	Sourhope ...	9 9	900	12.9	6.1	9.5	-	20.6	5,6	1.1	16	-	-	1.52	-	.62	1	7	6	0	0	0	0	0	0	1	0	11	0	3.53	-
6a SCOTLAND, W.																															
Argyll	Tiree ...	21-9	29	12.9	9.0	10.9	+0.5	16.6	7	5.2	29	-	-	6.47	127	1.47	31	16	12	0	0	1	2	1	0	0	0	3	2.87	108	
	Rhuvaal ...	21-9	65	13.1	9.0	11.1	-	16.7	5	5.3	18	-	-	6.07	87	1.16	31	16	15	0	0	2	0	0	0	0	0	0	2	-	-
	Colonsay ...	9 9	87	13.2	8.2	10.7	+0.5	15.6	5,6,8	2.2	18	-	-	5.26	83	1.16	31	19	16	0	-	2	0	0	1	0	-	4	-	-	
	Tobermory ...	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Craighouse ...	9 9	10	13.3	8.4	10.9	-	17.2	5	3.9	19	-	-	6.11	-	1.31	31	16	15	-	0	-	-	-	0	0	0	-	-	-	
	Machrihanish ...	9 9	33	13.3	8.7	11.0	-	17.7	6	2.7	18	-	-	3.56	-	.80	31	16	11	0	0	0	4	3	0	0	2	2	2.79	-	
	Campbeltown ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achaglachgach ...	9 9	40	13.3	7.0	10.1	-	17.2	6	0.0	19	-	-	6.23	84	1.20	31	17	17	0	-	1	1	1	0	0	5	0	-	-	
	Lephinmore ...	9 9	30	13.2	7.6	10.4	-	18.3	6	1.7	19	-	-	7.39	90	1.81	31	15	14	0	0	2	0	0	2	0	5	0	2.73	- S	
	Glenbranter ...	9 9	80	12.3	5.8	9.1	-	16.7	4,6	-0.6	19	-	-	10.24	-	2.18	31	16	14	-	0	-	-	-	2	1	6	-	-		
	Benmore																														
	.. Forestry Sch.	9 9	46	12.8	6.5	9.7	+0.3	16.7	(4),5,6	-1.1	19	9.8	10.9	11.54	-	2.67	31	14	14	0	0	0	0	0	0	1	1	-	0	-	
	.. Younger B.G.*	9 9	40	12.4	7.1	9.7	-	16.7	5	0.6	19	-	-	11.33	104	2.64	31	15	13	0	0	0	0	0	0	1	0	5	0	-	
Bute	Rothsay	9 9	150	12.6	8.3	10.5	+0.9	16.1	5,6	3.9	19	10.2	11.0	5.70	85	1.78	31	14	13	0	0	0	1	0	1	0	3	0	2.83	119	
	Millport ...	9 9	16	13.2	8.8	11.0	-	17.8	6	4.4	24	-	-	5.45	106	1.68	31	14	12	0	0	0	0	0	1	4	0	-	2	-	
Dunbarton	Finnart ...	9 9	50	12.9	8.3	10.6	-	16.7	6	3.9	18,19,25	-	-	11.78	-	2.97	4	14	13	0	0	1	0	0	0	0	0	0	0	0	0
	Helensburgh ...	9 9	293	11.9	7.2	9.5	+0.4	16.7	5	2.8	18,20,24	-	-	6.59	100	2.07	31	15	13	0	0	0	0	0	0	0	0	0	0	0	0
	Cumbernauld ...	9 9	310	11.8	5.9	8.9	-	17.8	5	0.0	18,20	-	-	4.73	-	1.41	31	17	13	0	0	0	0	0	0	1	0	7	0	-	
Stirling	Earls Hill ...	9 9	1100	9.9	5.6	7.7	-	15.6	5	1.7	19,20	-	-	7.18	-	2.07	31	16	12	-	-	-	-	-	6	0	4	-	1.93	-	
	Stirling ...	9 9	151	12.4	7.1	9.7	+0.3	16.7	5	0.0	24	10.2	12.0	4.17	100	1.56	31	13	11	0	0	0	0	0	0	4	0	4	0	2.13	-
	Falkirk ...	9 9	100	12.3	6.4	9.3	-0.1	17.2	5	0.0	20	-	-	3.35	85	1.27	31	13	10	-	0	-	-	-	9	0	-	-	-		
Renfrew	Greenock ...	9 9	200	12.0	7.9	9.9	+0.1	(17.2)	5	3.9	20,24	-	-	8.32	112	2.67	31	14	13	0	0	0	0	0	2	0	2	0	1.71	-	
	Paisley ...	9 9	106	12.2	7.1	9.7	-0.1	17.2	5	1.7	11,18,20,10.3	11.1	10.3	4.97	97	1.83	31	12	11	0	0	1	0	0	9	0	4	0	1.72	74	
	Barrhead ...	9 9	97	12.5	5.9	9.2	-	17.8	5	-1.7	20	-	-	5.29	105	1.84	31	14	11	0	0	0	0	0	1	7	3	8	3	-	
	Renfrew	21-9	26	12.9	6.9	9.9	+0.4	18.1	5	-0.3	19	-	-	4.18	89	1.49	31	13	11	0	0	1	0	1	7	2	6	0	1.76	75	
Lanark	Crossmyloof ...	9 9	75	13.1	6.3	9.7	-	20.8	6	0.0	11,12	-	-	4.20	-	1.45	31	11	10	0	0	0	0	0	5	0	10	0	1.99	-	
	Thorntonhall ...	9 9	453	11.9	5.9	8.9	-	17.2	5																						

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE									
			Means of				Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average %	Most in a day		Precip'n		Number of days										Daily Mean	Percentage of Average				
			A	B	Mean of A and B	Difference from Average	Maximum	Date	Minimum	Date					Amount	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	Crass min. below 0° C	Calc							
			Max.	Min.	Mean	°	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%						
2 ENGLAND, N.E. cont.																																		
Northumb.	Berwick-on-Tweed	9 9	76	12.7	6.5	9.8	+0.1	18.9	5	0.0	23	-	-	1.19	49	.48	31	9	6	0	0	0	0	0	0	0	0	0	4	1	2	0	2.91	90
berland cont.	Cockle Park	9 9	326	13.4	6.9	10.1	+1.1	21.1	4	1.1	19	10.0	-	1.53	57	.58	1	13	11	0	0	0	0	0	0	0	0	3	0	3	2	2.74	89	
	Acklington	21-9	138	12.8	6.8	9.8	-	19.9	5	1.0	18	-	-	1.33	52	.46	1	10	7	0	0	0	0	0	0	0	0	5	0	2	0	3.02	-	
	Tynemouth	21-9	95	12.9	8.9	10.9	+0.5	20.5	5	3.4	19	-	-	1.10	45	.43	1	9	4	0	0	0	0	0	0	0	0	7	0	0	1	2.51	84	
	Seahouses	21-9	37	12.9	8.2	10.5	-	17.7	5	3.4	19	-	-	1.11	-	.52	31	7	3	0	0	0	0	0	0	0	4	0	1	0	3.09	-		
Durham	Chopwellwood	9 9	446	13.4	6.9	10.1	+0.9	21.1	5	2.8	18,19	-	-	1.18	43	.39	1	11	5	0	0	0	0	0	0	0	3	0	5	0	-	-	8	
	Ushaw College	9 9	594	13.1	6.4	9.7	+0.5	20.0	5	2.8	19	-	-	.94	35	.33	1	9	4	0	0	0	0	0	0	0	8	0	0	0	-	-	-	
	Houghall	9 9	123	13.9	6.2	10.2	+0.8	20.0	5	0.6	16	-	-	.87	25	.31	31	6	4	0	0	0	0	0	0	0	8	0	8	0	2.38	81		
	Durham	9 9	336	13.7	6.3	10.0	+0.6	20.0	5	-0.6	19	11.4	12.1	.80	33	.37	31	8	5	-	-	-	-	-	-	-	-	1	8	-	2.44	81		
	Gateshead	9 9	509	-	-	-	-	-	-	-	-	-	-	1.86	72	.74	1	7	5	-	-	-	-	-	-	-	-	-	-	-	2.98	-		
	West Hartlepool	9 9	30	14.2	8.3	11.3	-	20.6	4	3.9	19	-	-	.63	27	.27	31	7	4	0	0	0	0	0	0	0	5	0	1	1	2.41	-		
Yorks., N. Riding	Dishforth	21-9	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Thirsk	9 9	111	14.1	7.2	10.7	-	19.4	4	3.3	15,21,23	-	-	.72	-	.25	31	7	3	0	0	0	0	0	0	0	7	0	4	1	-	-	-	
	Ampleforth	9 9	313	13.9	1.4	7.7	-1.8	18.9	4	-3.9	15	-	-	.59	-	.25	31	9	7	-	-	-	-	-	-	-	7	9	15	-	-	-	-	
	Redcar	9 9	25	14.4	8.2	11.3	-	20.0	4	1.7	19	-	-	.58	26	.22	31	9	4	-	-	-	-	-	-	-	4	0	-	-	2.63	-		
	Pickering	9 9	143	14.6	6.3	10.5	-	18.9	5	1.1	26	-	-	.72	-	.36	31	9	3	0	0	0	0	0	0	0	4	0	5	0	-	-	-	
	Whitby	9 9	135	14.7	7.6	11.1	-	21.7	5	0.6	19	-	-	(.71)	30	.27	31	7	(5)	0	0	0	0	0	0	0	5	0	-	-	3.74	119		
	Scarborough	9 9	118	13.8	8.8	11.3	+0.5	18.9	4	6.1	16	11.8	12.7	.93	42	.41	1	8	3	0	0	0	0	0	0	0	4	0	0	0	3.97	98		
	Silpho Moor	9 9	665	13.4	6.9	10.1	-	20.0	5	3.2	19	10.1	-	.98	32	.38	31	15	3	0	0	0	0	0	0	0	7	0	2	0	3.54	-		
	Whitby C/Guard	21-9	200	13.7	8.2	10.9	-	21.3	5	1.2	19	-	-	.58	-	.26	31	5	3	0	0	0	0	0	0	0	3	0	0	0	-	-	-	
Yorks., E. Riding	High Mowthorpe	9 9	574	13.4	7.4	10.4	-	20.0	5	3.3	16,19	10.8	-	.71	20	.34	31	9	5	-	-	-	-	-	-	-	7	0	5	-	3.52	-		
	Hull	9 9	8	14.9	7.9	11.4	+0.7	21.1	4	3.3	19,26	11.3	11.7	.66	28	.39	31	8	5	0	0	0	0	0	0	0	1	0	3	0	2.96	98		
	Leconfield	21-9	24	14.5	7.6	11.1	-	20.6	5	1.5	26	-	-	.76	-	.31	31	11	4	0	0	0	0	0	0	0	9	0	4	0	3.01	-		
	Filey	9 9	122	13.6	7.5	10.5	-	18.3	5	2.2	23	-	-	.78	32	.39	31	7	3	0	0	1	0	0	0	0	4	0	0	0	3.32	-		
	Bridlington	9 9	157	13.4	8.1	10.7	-	16.7	5	3.3	26	-	-	.97	38	.38	31	8	4	0	0	0	0	0	0	0	6	0	-	-	1	-	-	
	Kilnsea	21-9	40	13.7	8.8	11.3	-	16.0	28	4.4	16	-	-	.51	-	.29	31	6	3	0	0	0	0	0	0	0	3	0	-	-	5	-	-	
Lincoln	Navenby	9 9	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Waddington	21-9	224	14.5	6.9	10.7	+0.7	20.2	5	0.4	24	-	-	.43	-	.22	31	5	3	0	0	0	0	0	0	0	6	0	3	0	3.60	-		
	Lincoln	9 9	22	14.7	6.8	10.7	-	21.1	5	0.6	18,22	11.8	12.3	.46	22	.25	31	7	3	0	0	0	0	0	0	0	7	0	1	0	3.05	-		
	Cranwell	9 9	205	14.5	6.6	10.5	+0.5	20.3	4	-0.3	26	11.2	12.1	.31	14	.13	31	7	3	0	0	0	0	0	0	0	7	1	7	0	3.43	103		
	Brigg	9 9	10	15.2	5.3	10.3	-	21.7	5	-1.7	24	-	-	.59	-	.26	31	9	5	0	0	0	0	0	0	0	8	3	10	0	-	-	-	
	Caistor	9 9	180	15.2	5.8	10.5	-	21.7	5	-1.1	23	-	-	.44	-	(.23)	31	7	3	-	-	-	-	-	-	-	1	-	-	-	-	-		
	Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Clethorpes	9 9	23	14.4	8.2	11.3	+0.7	18.3	5	1.7	26	-	-	.45	21	.32	31	5	3	0	0	0	0	0	0	0	3	0	2	0	3.37	98		
	Manby	21-9	55	14.9	7.0	10.9	-	21.1	5	0.9	22	-	-	.49	23	.39	31	5	1	0	0	0	0	0	0	0	7	0	2	0	3.74	-		
	Skegness	9 9	15	15.0	8.8	11.9	+1.3	20.0	1	2.2	23	-	-	.41	21	.31	31	4	3	0	0	0	0	0	0	0	11	0	1	0	3.35	97		
3 ENGLAND, E.																																		
Norfolk	Terrington	9 9	13	15.2	6.7	10.9	-	22.2	5	0.6	18	11.3	-	.37	19	.23	31	4	3	0	0	0	0	0	0	0	4	0	8	0	4.13	-		
	St. Clement	9 9	76	15.5	7.2	11.3	-	22.0	5	0.3	26	-	-	.81	-	.35	14	4	4	0	0	0	0	0	0	0	4	0	7	0	-	-	-	
	Marham	21-9	80	16.1	4.2	10.1	-	23.3	7	-3.3	23	11.2	12.0	.71	29	.34	14	4	3	-	-	-	-	-	-	-	9	16	-	-	4.11	-		
	Santon Downham	21-9	250	14.6	6.8	10.7	-	21.4	5	0.6	26	-	-	.81	30	.40	31	4	4	0	0	0	1	0	5	0	6	0	0	0	4.54	-		
	West Raynham	9 9	178	14.9	8.8	11.9	+0.8	21.7	5	4.4	26	-	-	.70	25	.25	14,31	5	5	-	-	-	-	-	-	1	0	7	-	4.26	119			
	Cromer	9 9	99	15.3	6.2	10.7	+0.2	21.7	5,7	-1.7	23	11.6	-	.69	27	.36	31	6	4	0	0	0	0	0	0	0	3	10	0	0	4.31	126		
	Sproston	9 9	93	15.3	6.2	10.7	+0.2	21.7	5,7	-1.7	23	11.6	-	.69	27	.36	31	6	4	0	0	0	0	0	0	0	3	10	0	0	4.31	126		
	Coltishall	21-9	55	15.0	7.3	11.1	-	21.3	5	-0.1	26	-	-	.61	-	.30	31	7	3	0	0	0	0	0	0	0	4	1	9	0	-	-		
	Burlingham	9 9	89	15.5	7.4	11.5	-	21.7	7	0.6	26	-	-	.45	18	.22																		

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n (0.1 in. 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				
			A	B			Maximum	Date	Minimum	Date					Amount	Date																
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%			
4 MIDLAND COUNTIES—cont.																																
Yorks.	Huddersfield	9 9	325	14.2	7.4	10.8	+1.2	20.6	5	2.2	26	11.2	12.1	1.74	-	.55	31	11	7	-	-	-	-	-	-	-	-	-	-	2.39	96	
W. Riding—	Oakes	21-9	761	12.9	7.3	10.1	+0.6	18.1	5	3.7	16	10.5	10.9	2.37	61	.87	31	14	9	0	0	0	0	0	1	0	7	0	0	3	2.37	86
—cont.	Bradford	9 9	439	13.2	7.7	10.5	+1.0	18.9	4	2.8	26	10.9	12.1	2.05	62	.85	31	13	8	0	0	0	0	0	0	6	0	1	0	-	-	S
	Ilkley	9 9	315	13.6	7.8	10.7	+1.2	19.4	4	2.2	26	-	-	1.90	50	.68	31	10	8	0	0	0	0	0	0	5	0	-	0	2.20	80	
	Sheffield	9 9	429	14.2	7.7	10.9	+0.7	21.1	5	2.8	22	11.6	12.4	1.08	36	.49	31	9	6	0	0	0	0	0	0	0	0	3	0	2.36	89	
	Wakefield	9 9	121	14.3	7.6	10.9	+0.8	20.0	4	3.3	26	11.3	11.8	.90	37	.23	31	9	6	0	0	0	0	0	0	9	0	-	0	-	-	S
	Pontefract	9 9	255	13.9	7.6	10.7	+0.8	19.4	4,5	2.8	23	-	-	.56	26	.15	1	10	4	0	0	0	0	0	0	10	0	0	0	-	-	-
	Bramham	9 9	177	13.8	6.6	10.2	-	18.9	4	1.7	17,26	-	-	.92	32	.36	31	11	6	0	0	0	0	0	0	10	0	2	0	2.22	-	
	Cawood	9 9	20	14.4	6.8	10.6	-	20.0	5	1.1	24	11.1	12.1	.85	39	.34	31	10	6	0	0	0	0	0	0	8	0	3	0	2.55	-	
	Askham Bryan	9 9	110	14.2	6.9	10.5	-	19.4	5,6	-0.6	21	-	-	.58	25	.32	31	4	4	0	0	0	0	0	0	9	1	0	0	2.24	82	
Derby	Buxton	9 9	1007	12.5	6.7	9.6	+1.2	19.4	5	2.8	16,22,26	10.0	11.1	1.83	37	.85	31	11	7	0	0	0	0	0	0	12	0	0	2	-	-	-
	Chapel en le Frith	9 9	732	13.8	6.6	10.2	-	21.1	5	0.0	18	-	-	1.14	-	.30	31	11	8	-	-	-	-	-	-	2	1	9	-	-	-	
	Mackworth	9 9	293	14.5	6.3	10.4	-	20.0	4	0.6	17,27	-	-	.76	-	.38	31	5	5	-	-	-	-	-	-	9	1	7	-	-	-	
	Belper	9 9	203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Derby	9 9	159	14.7	7.2	10.9	-	20.6	4	0.6	26	-	-	.74	-	.44	31	6	4	0	0	0	0	0	0	8	0	0	0	2.38	-	
	Morley	9 9	350	14.2	7.0	10.6	-	20.6	4	1.7	24	-	-	.73	23	.44	31	6	4	0	0	0	0	0	0	0	0	0	0	0	2.52	-
	Chesterfield	9 9	298	14.7	6.7	10.7	-	21.1	4	2.2	17,23,26	-	-	.71	-	.28	31	10	4	0	0	0	0	0	0	11	0	0	0	-	-	-
Nottingham	Sutton Bonington	9 9	157	13.8	6.2	10.0	+0.2	20.6	4	0.0	18,24	11.7	12.4	.43	20	.27	31	5	4	0	0	0	0	0	0	4	0	7	0	2.45	85	
	Watnall	21-9	385	14.3	7.0	10.7	-	20.9	5	1.3	24	-	-	.82	32	.46	31	7	5	0	0	0	0	0	0	8	0	7	0	2.15	75	
	Nottingham T.C.**	9 9	169	14.6	6.9	10.7	-	21.1	4	1.7	26	-	-	.71	-	.44	31	6	3	-	-	-	-	-	-	11	0	2	-	2.48	-	
	Mansfield	9 9	362	13.8	7.2	10.5	+0.7	20.0	5	1.7	22	11.3	-	.59	22	.33	31	7	3	0	0	0	0	0	0	6	0	0	0	-	-	-
	Nottingham	9 9	192	14.8	7.7	11.3	+1.0	21.7	4,5	2.8	22,24	11.2	12.6	.54	24	.30	31	5	3	0	0	0	0	0	0	6	0	0	0	2.43	90	
	Warsop	9 9	150	14.6	5.7	10.1	-	21.1	5	-0.5	20,26	-	-	.56	25	.24	31	8	5	0	0	0	0	0	0	10	3	8	0	2.66	-	
	Finningley	21-9	34	15.0	7.5	11.3	+1.1	21.5	5	0.5	24	-	-	.47	-	.17	31	8	4	0	0	0	1	0	8	0	0	0	0	2.72	-	
Leicester	Newtown Linford	9 9	392	14.2	6.3	10.3	-	21.7	4,5	1.1	17,24	-	-	.54	-	.29	31	7	4	0	0	0	0	0	0	8	0	8	0	2.54	-	
	Caldecott	9 9	175	15.1	5.0	10.1	-	21.7	4,5	-2.8	17	-	-	.42	-	.25	31	4	3	-	-	-	-	-	-	8	6	5	-	3.07	-	
Northampton	Bugbrooke Mills	9 9	228	15.1	4.9	10.0	-	21.7	4	-2.8	17	10.9	12.1	.35	-	.16	31	7	4	-	-	-	-	-	-	8	1	-	-	3.32	-	
	Raunds	9 9	193	15.0	5.4	10.2	-	21.7	4,5	-1.1	24	11.4	12.5	.47	23	.37	31	6	2	-	-	-	-	-	-	-	5	6	-	3.28	-	
	Wittering	21-9	212	14.8	7.2	11.0	-	21.1	4	1.0	26	-	-	.28	-	.21	31	4	1	0	0	0	0	0	0	8	0	5	0	3.35	-	
Warwick	Birmingham K.E.S.*	9 9	450	14.1	6.8	10.5	-	22.2	5	1.7	17,18	-	-	1.06	-	.52	31	7	5	0	0	0	0	0	10	0	0	0	-	-	-	
	Edgbaston	21-9	536	13.9	8.1	11.0	+0.9	21.7	4	3.6	23	10.7	11.5	.87	30	.55	31	8	4	0	0	0	0	0	0	8	0	3	0	2.69	97	
	Luddington	9 9	138	14.9	6.1	10.5	-	22.2	5	-0.5	17	-	-	.51	22	.29	31	6	2	0	0	0	0	0	0	5	1	5	0	2.88	-	
	Stratford on Avon	9 9	160	15.1	5.7	10.4	-	22.8	5	-1.1	17	11.7	-	.22	28	.31	31	8	4	0	0	0	0	0	0	6	1	7	2	2.68	-	
	Elmdon	21-9	319	14.3	6.0	10.1	-	21.2	4	-1.4	17	-	-	.57	23	.42	31	6	3	0	0	0	0	0	10	2	10	0	2.64	-		
	Shipston on Stour	9 9	365	14.6	6.4	10.5	-	22.2	5	0.6	18	11.1	-	.43	-	.26	31	9	3	0	0	0	0	0	0	8	0	12	-	2.87	-	
	Wellesbourne	9 9	153	14.9	6.0	10.5	-	22.2	5	-1.1	17	11.4	12.6	.35	15	.23	31	5	3	0	0	0	0	0	0	6	1	7	0	3.19	-	
	Moreton Morrell	9 9	230	14.4	6.1	10.3	-	22.8	5	0.0	17	-	-	.44	-	.23	31	7	4	0	0	0	0	0	0	6	0	9	0	3.27	-	
	Coventry	9 9	338	14.6	6.7	10.7	+0.9	21.7	4,5	-0.5	18	11.6	12.1	.53	22	.22	31	6	3	0	-	0	0	0	0	5	1	2	0	2.91	101	
	Rugby	9 9	385	14.4	6.3	10.3	+0.6	20.6	4,5,7	0.0	24	10.4	12.1	.47	19	.15	31	7	5	0	0	0	0	0	0	8	0	6	0	3.55	110	
Oxford	Oxford	9 9	208	15.2	7.0	11.1	+0.6	22.8	5	1.1	17	11.7	12.9	.47	19	.15	31	7	5	0	0	0	0	0	0	8	0	6	0	3.55	110	
Buckingham	Medmenham	9 9	98	15.9	5.3	10.6	-	23.9	7	-2.2	24	-	-	.76	-	.34	31	7	4	-	-	-	-	-	-	4	14	-	-	-		
	Grendon Underwood	9 9	220	15.3	-	-	-	22.8	5	-	-	11.6	12.8	.44	-	.15	31	7	4	0	0	0	0	0	0	-	2	4	0	3.65	-	
	Bletchley	9 9	281	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Aylesbury	9 9	316	15.1	5.9	10.5	-	22.2	5	-0.5	17,26	-	-	.39	16	.16	31	4	3	0	0	0	0	0	0	10	2	8	1	4.10	-	
Stafford	Keele	9 9	587	13.8	7.4	10.6	-	20.6	7	2.2	17	10.8	11.7	.88	27	.23	31	10	6	0	0	0	0	0	0	6	0	1	0	3.15	-	
	Oaken	9 9	409	13.9	5.8	9.9	-	2																								









TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)									VISIBILITY						WIND, NUMBER OF OBSERVATIONS																		
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations									NUMBER OF OBSERVATIONS						FORCE (0-12)				DIRECTION														
									Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,060 yd.	1,060-2,100 yd.	2,100-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
			0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,060 yd.	1,060-2,100 yd.	2,100-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	4	5	6	7	8	9	10									11
2 ENGLAND, N.E.																																										
2 ENGLAND, N.E. —cont.	H	3	130	1019.0	-	10.0	1.0	10.7	87	5.4	8	0	3	3	15	2	1	2	0	0	0	0	2	9	8	9	0	0	0	2	10	16	3	1	1	3	3	8	6	6	0	
		9	130	1019.2	+6.9	10.1	1.2	10.6	85	6.0	3	2	4	8	9	5	1	3	1	2	3	6	5	5	5	5	0	0	0	1	7	19	4	0	3	3	2	8	6	5	0	
		15	130	1018.4	-	12.0	1.8	11.1	79	5.5	2	4	7	8	8	2	1	0	0	1	4	7	4	8	6	0	0	0	0	2	12	16	1	0	2	2	4	5	8	6	5	0
		21	130	1018.5	-	11.0	1.2	11.2	85	5.5	5	3	2	8	12	1	1	0	0	0	4	5	9	6	6	0	0	0	0	1	12	18	0	0	2	3	4	10	7	4	1	
Tynemouth	H	3	41	1018.5	-	-	-	-	-	5.1	5	4	5	3	11	3	1	1	0	1	2	8	7	9	1	0	0	0	3	4	21	3	1	1	1	0	10	7	8	0		
		9	41	1018.5	-	10.1	1.4	10.4	83	5.4	0	7	5	9	8	2	1	1	1	1	3	7	6	7	3	0	0	0	0	8	18	5	0	1	4	3	8	7	3	0		
		15	41	1017.9	-	12.0	1.7	11.2	80	5.6	1	6	6	5	12	1	0	1	0	2	3	1	11	2	3	8	0	0	1	4	24	2	0	5	0	4	11	5	3	1		
		21	41	1017.9	-	10.3	1.2	10.7	84	5.0	6	6	1	4	12	2	0	1	0	4	0	3	2	7	8	8	1	0	2	2	20	7	0	2	1	4	8	6	3	0		
Seahouses	H	3	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		9	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		15	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		21	131	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Yorks., N. Riding	H	3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		9	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
		15	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
		21	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Whitby Coastguard	H	3	210	1019.6	-	10.2	1.1	10.8	86	5.3	0	7	6	11	5	2	0	3	0	0	2	5	5	10	6	0	0	0	12	16	3	0	1	3	4	12	6	2	0			
		9	210	1018.8	-	12.5	1.8	11.5	79	4.9	2	7	7	7	7	1	0	2	0	0	0	1	13	6	9	0	0	0	2	12	14	3	0	2	9	9	1	3	1			
		15	210	1019.1	-	10.4	0.6	11.2	88	4.3	6	5	6	7	6	1	0	2	0	0	0	3	14	12	0	0	0	0	1	11	18	1	0	3	1	4	16	4	1			
		21	210	1019.1	-	10.4	0.6	11.2	88	4.3	6	5	6	7	6	1	0	2	0	0	0	3	14	12	0	0	0	0	1	11	18	1	0	3	1	4	16	4	1			
Yorks., E. Riding	H	3	28	1019.8	-	8.8	0.6	10.6	92	5.8	4	2	6	3	10	6	1	7	0	0	3	5	5	4	4	2	0	0	6	17	8	3	3	1	0	4	4	4	4			
		9	28	1020.1	-	10.1	0.9	11.1	89	6.1	1	5	1	12	6	6	1	5	1	2	2	3	6	6	4	2	0	0	6	14	11	4	3	1	0	4	4	2				
		15	28	1019.2	-	13.3	2.1	11.7	76	5.5	0	5	8	10	8	0	0	0	1	1	5	12	1	7	4	0	0	0	16	13	2	0	4	7	7	2	3					
		21	28	1019.6	-	9.7	0.8	11.0	91	6.1	5	1	0	12	7	6	0	7	1	0	3	6	7	2	5	0	0	1	6	13	11	0	4	2	5	7	2					
Lincoln	H	3	51	1020.1	-	10.7	0.8	11.5	90	4.3	11	0	7	1	10	2	2	0	0	0	2	8	19	0	0	0	0	0	5	10	15	1	1	4	3	6	6	4				
		9	51	1020.4	-	11.4	1.0	11.9	88	5.4	2	5	7	7	2	1	1	0	1	0	3	8	17	0	0	1	1	4	13	11	2	0	2	5	8	3	5					
		15	51	1019.5	-	12.8	1.4	12.6	85	5.5	3	0	10	11	5	2	0	2	0	0	0	1	10	18	0	0	1	1	15	14	0	0	3	5	7	7	2					
		21	51	1019.9	-	11.6	1.0	12.0	88	4.0	11	3	4	0	11	2	2	0	1	0	0	2	7	19	0	0	0	0	5	16	9	1	0	2	4	5	9					
Waddington	H	3	227	1020.0	-	8.2	0.5	10.3	93	4.5	10	1	3	8	3	2	5	0	1	4	3	6	5	3	2	0	0	0	6	21	4	3	5	2	4	5	4					
		9	227	1020.3	-	9.6	0.7	11.0	91	5.5	5	3	2	11	6	4	1	5	0	0	4	6	7	2	5	1	0	1	7	21	4	3	6	1	5	7	1					
		15	227	1019.2	-	13.4	2.1	11.8	76	4.8	2	9	3	9	7	1	0	0	2	0	2	1	12	8	5	1	0	1	14	15	1	1	5	6	5	7	2					
		21	227	1019.8	-	9.7	0.8	10.9	90	4.1	7	8	2	5	7	2	0	2	1	1	3	4	11	6	3	0	0	1	7	23	0	1	5	7	4	8	2					
Manby ...	H	3	47	1019.8	-	8.5	0.5	10.5	93	4.7	9	0	5	7	8	2	0	7	0	2	0	6	7	4	4	1	0	0	5	17	9	1	4	0	2	6	3					
		9	47	1020.3	-	10.6	0.8	11.6	90	5.1	3	5	5	11	5	2	0	5	1	1	4	3	9	5	0	0	0	6	19	6	2	3	4	4	4	3						
		15	47	1019.3	-	13.4	1.9	12.2	78	5.4	0	7	4	12	8	0	0	0	0	1	0	3	14	9	3	1	0	1	7	23	0	0	4	6	7	2						
		21	47	1019.9	-	9.5	0.6	11.0	92	3.5	3	5	5	11	5	2	0	5	1	1	4	3	9	3	5	0	0	0	6	19	6	2	3	4	4	3						
3 ENGLAND, E.																																										
Norfolk	H	3	89	1020.0	-	8.6	0.5	10.6	93	4.2	11	2	3	3	8	4	0	4	0	1	5	8	7	4	2	0	0	0	5	22	4	3	4	7	4	5	2					
		9	89	1020.6	-	10.5	0.9	11.4	89	4.5	5	9	1	5	8	3	0	3	1	0	5	7	7	1	0	0	0	0	7	18	6	2	5	7	5	3	2					
		15	89	1019.6	-	14.5	2.5	12.2	74	4.6	4	6	5	11	5	0	0	0	0	0	2	14	10	5	0	0	0	0	1	13	17	0	3	4	7	6	5					
		21	89	1020.2	-	9.8	0.7	11.1	90	2.8	12	6	5	3	4	1	0	1	0	1	3	10	5	10	1	0	0	1	6	22	2	2	4	9	4	6						
West Raynham	H	3	263	1019.9	-																																					

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE			MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)									VISIBILITY							WIND, NUMBER OF OBSERVATIONS																
			At Mean Sea Level	Difference from Average	°C.	°F.	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations									NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION											
											0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,060 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
			Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,060 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.							
4 MIDLAND COUNTIES—cont.		ft.	mb.	mb.	°C.	°C.	mb.	%																																		
Northampton Wittering H	3	219	1019.9	-	8.3	0.5	10.4	93	5.5	6	3	1	7	8	6	2	7	1	0	0	3	4	6	5	3	0	0	0	0	8	20	3	5	8	2	2	1	5	3	2	1	1
	9	219	1020.4	-	9.7	0.8	10.9	90	6.0	2	4	2	9	8	6	1	7	0	0	0	0	4	5	5	4	4	1	0	0	0	7	20	4	2	2	4	6	3	4	4	3	4
Warwick Edgbaston H	15	219	1019.2	-	14.0	2.5	11.7	73	5.1	3	4	8	9	7	0	0	0	0	0	0	1	2	5	5	8	8	8	2	10	18	1	2	5	5	5	6	5	1	1	1	1	
	21	219	1019.9	-	9.8	0.8	11.0	89	4.0	11	3	1	9	6	1	0	1	0	1	0	1	4	9	8	7	1	0	0	0	0	8	20	3	1	7	5	3	5	5	1	1	1
Elmdon ... H	9	362	1019.9	-	9.5	0.7	10.9	91	6.4	1	4	1	11	10	4	0	3	2	3	6	6	7	1	3	0	0	0	0	0	4	27	0	0	3	9	6	6	4	1	2	2	
	15	362	1018.8	-	13.3	2.4	13.3	74	4.9	2	7	4	10	7	1	0	0	0	0	2	1	4	14	7	3	0	0	0	1	9	21	0	2	1	8	7	7	1	3	2	2	
Shropshire Shawbury H	21	362	1019.6	-	10.6	1.0	11.4	88	4.8	7	3	3	7	8	3	0	1	2	3	6	6	2	11	8	0	0	0	0	0	6	25	0	2	3	8	7	4	4	2	1	1	
	3	362	1019.7	-	7.6	0.7	9.7	90	5.1	8	1	2	8	7	5	3	5	0	3	2	2	7	6	3	0	0	0	0	0	4	18	9	1	6	3	1	5	3	1	2	2	
Worcester Pershore ... H	9	362	1019.9	-	9.1	0.6	10.7	91	6.4	1	4	1	10	10	5	0	5	0	5	3	6	6	6	0	0	0	0	0	0	4	23	4	0	3	7	5	4	5	1	2	1	
	15	362	1018.7	-	13.9	2.8	10.6	69	5.0	2	8	3	9	8	1	0	0	0	1	1	5	12	11	1	0	0	0	0	1	7	21	2	0	3	10	3	7	2	3	1	0	
Hereford Ross-on-Wye H	21	362	1019.6	-	9.5	0.7	10.8	89	5.0	6	3	4	8	7	3	2	3	1	1	2	8	10	4	0	0	0	0	0	0	5	18	8	0	3	5	5	1	7	1	1	0	1
	3	249	1019.3	-	8.2	0.5	10.4	94	5.8	4	3	2	6	13	3	1	2	2	1	4	7	6	1	3	4	0	0	0	0	4	19	8	1	2	7	4	2	4	3	0	0	
Gloucester Filton ... H	9	249	1019.6	-	9.5	0.6	11.0	92	6.7	2	1	1	11	12	4	0	3	0	6	3	4	6	4	4	1	0	1	0	1	6	17	7	1	0	8	6	2	5	2	0	0	
	15	249	1018.3	-	13.1	1.9	11.9	78	5.2	4	2	6	12	6	1	0	0	0	2	5	3	6	9	5	1	0	0	0	0	6	24	1	1	2	8	7	6	3	2	1	1	
Gloucester H	21	249	1019.1	-	9.9	0.8	11.0	90	5.1	7	2	3	7	8	4	2	1	2	5	3	8	0	7	2	0	0	0	0	0	5	21	5	1	1	8	6	3	4	2	1	1	
	3	117	1019.6	-	8.4	0.4	10.6	94	5.4	7	2	1	6	12	3	1	4	1	2	4	5	6	2	5	1	0	0	0	0	7	15	9	0	7	4	1	4	2	2	2	0	
Little Rissington H	9	117	1020.1	-	9.6	0.7	11.1	92	6.1	1	5	2	9	9	5	0	4	3	1	2	6	6	5	4	0	1	0	1	6	16	8	0	4	9	3	0	5	2	0	0	0	
	15	117	1018.7	-	14.0	2.3	12.1	76	5.1	2	7	4	13	5	0	0	0	0	0	3	5	9	11	1	2	0	1	13	13	4	2	2	10	2	3	4	4	0	0	0		
Hereford Ross-on-Wye H	21	117	1019.6	-	9.9	0.8	11.2	90	4.5	8	4	2	4	9	4	0	2	2	2	3	4	7	7	4	0	0	1	7	20	3	1	5	10	3	3	3	3	0	0	0		
	9	226	1019.6	+4.8	9.8	0.8	11.0	90	6.3	1	3	5	7	9	6	0	6	1	0	4	8	3	5	0	0	0	0	0	3	26	2	0	11	5	2	2	8	1	0	1	0	
Gloucester Filton ... H	15	226	1018.1	-	13.6	2.2	11.9	76	5.6	3	5	8	11	1	0	0	2	1	4	8	7	8	0	0	0	0	0	0	7	24	0	2	5	10	3	1	5	4	1	0	1	
	21	226	1019.3	-	10.1	0.8	11.3	91	4.5	6	7	2	3	10	3	0	5	2	0	2	5	9	2	6	0	0	0	0	2	23	6	0	8	3	1	3	8	1	1	1	1	
Gloucester H	3	197	1019.4	-	9.1	0.5	11.0	93	4.7	9	1	4	6	11	0	0	0	0	1	4	14	4	0	0	0	0	0	0	2	21	8	3	7	4	1	2	4	1	2	4	1	
	9	197	1019.7	-	10.4	0.7	11.6	91	6.5	1	0	5	13	7	5	0	2	1	2	3	5	10	7	1	0	0	0	0	6	21	4	0	11	4	3	2	4	2	1	1	1	
Little Rissington H	15	197	1018.4	-	14.4	2.1	12.7	78	5.0	2	7	4	12	6	0	0	0	1	1	5	9	8	6	1	0	1	12	17	1	3	9	8	1	3	5	0	1	1	1	1		
	21	197	1019.4	-	10.5	0.7	11.7	90	4.3	9	4	3	6	3	1	1	1	1	5	5	16	1	0	0	0	0	0	0	4	19	8	2	7	2	3	2	4	2	1	1	1	
Gloucester H	3	79	1019.7	-	9.1	0.6	10.9	93	5.7	6	0	3	7	13	2	1	1	0	2	6	5	10	4	2	0	0	0	2	19	10	4	6	1	2	4	3	0	1	1	1	1	
	9	79	1020.2	-	10.1	0.9	11.2	89	6.1	0	4	5	11	6	5	0	2	1	2	1	11	4	9	1	0	0	0	0	2	19	10	3	6	1	1	3	5	1	1	1	1	
Little Rissington H	15	79	1018.8	-	14.6	2.6	12.1	72	5.3	2	4	5	14	5	1	0	1	0	1	5	11	8	3	2	0	0	0	5	23	3	6	4	4	6	4	0	1	1	1	1	1	
	21	79	1019.7	-	10.6	1.0	11.4	87	4.5	8	4	3	6	5	5	0	3	0	3	6	3	9	5	2	0	0	0	1	20	10	4	4	0	2	4	5	2	0	0	0		
Middlesex London (Heathrow) Airport H	3	751	1019.8	-	8.1	0.3	10.4	95	4.7	11	0	1	9	7	0	5	2	4	6	7	1	0	0	1	1	5	23	2	1	7	6	3	2	6	1	1	3	1	1	1	1	
	9	751	1020.1	-	9.0	0.5	10.8	93	6.1	2	3	1	11	6	2	8	1	2	2	3	4	5	6	0	0	0	1	10	17	3	0	8	7	2	1	7	2	1	1	1	1	
Surrey Kew Observatory H	15	751	1018.7	-	12.9	2.1	11.4	76	4.9	2	8	5	8	7	1	0	2	0	1	0	3	11	8	6	0	2	9	20	0	2	1	13	4	2	6	2	1	1	1	1	1	
	21	751	1019.8	-	9.7	0.8	11.1	91	4.3	11	2	2	4	8	4	1	4	1	0	3	4	9	7	1	1	0	1	9	20	1	1	6	8	5	0	7	2	1	1	1		
Surrey Kew Observatory H	3	86	1019.5	-	9.4	0.6	11.1	92	3.9	9	6	2	5	7	2	0	1	0	6	7	4	3	5	5	0	0	0	4	22	5	6	6	4	2	1	2	4	1	1	1	1	
	9	86	1020.1	-	10.7	1.1	11.																																			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																				
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	No. of Observations					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																
									Mean Amount	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-80 yd.	81-100 yd.	101-1,000 yd.	1,001-2,000 yd.	2,001-4,000 yd.	4-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6, 7, 8	4, 5, 6	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.
			ft.	mb.	°C	°C	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-80 yd.	81-100 yd.	101-1,000 yd.	1,001-2,000 yd.	2,001-4,000 yd.	4-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6, 7, 8	4, 5, 6	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
7a ENGLAND. N.W.	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-80 yd.	81-100 yd.	101-1,000 yd.	1,001-2,000 yd.	2,001-4,000 yd.	4-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6, 7, 8	4, 5, 6	1 to 3	Calm	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Cumberland Carlisle	H	9 32	1018.8	-	8.3	10.2	91	4.3	7	7	2	4	10	1	0	1	0	1	0	0	2	8	10	6	4	0	0	0	2	5	21	3	1	2	10	6	1	6	2	0	
Lancashire Squires Gate	H	3 35	1018.5	-	9.0	10.7	91	5.1	7	2	2	10	9	1	1	2	0	1	2	0	1	11	12	5	2	0	0	0	2	5	21	3	1	2	12	2	3	5	3	0	
Speke	H	9 85	1019.2	-	10.5	11.1	87	6.4	2	0	4	15	9	1	0	2	1	2	1	2	8	3	9	3	2	1	0	1	11	16	3	1	0	6	14	3	2	2	0	0	
Cheshire Ringway	H	3 251	1018.9	-	9.1	12.0	85	3.9	7	7	4	7	5	1	0	3	0	0	0	0	2	5	8	8	0	0	0	1	5	16	9	0	1	4	6	6	5	0	0	0	
7b NORTH WALES		3 36	1018.0	-	10.3	11.6	91	3.8	13	2	2	3	11	0	0	0	0	0	0	0	2	17	6	4	2	1	4	10	12	4	1	7	5	2	7	1	3	1	0		
Anglesey Valley	H	15 36	1017.4	+5.2	14.6	13.1	79	4.2	4	6	8	8	4	1	0	0	0	0	0	1	0	15	8	6	1	0	4	12	12	3	1	4	8	1	7	3	3	1	0		
Caernarvon Bardsey I. L'e	H	3 63	1018.4	-	12.3	11.8	88	3.7	13	1	5	0	12	0	0	0	0	0	0	0	0	0	3	22	6	0	0	10	14	3	4	0	2	1	5	9	5	3	2	0	
8a SOUTH WALES		3 382	1018.1	-	10.4	12.0	85	3.3	14	3	1	7	6	0	0	0	0	0	0	0	4	13	8	5	1	0	0	12	14	5	1	1	4	7	10	0	3	0	0		
Cardigan Aberporth	H	9 382	1018.3	-	11.3	11.3	88	5.2	5	4	2	14	6	0	0	0	0	0	0	0	1	3	10	9	7	1	0	1	14	16	0	2	0	10	8	7	1	3	0	0	
Pembroke Milford Haven C. Board	H	15 126	1017.2	-	14.2	12.9	79	4.7	3	6	7	7	1	0	0	1	0	0	0	0	3	2	16	7	2	0	1	0	14	15	1	0	2	14	6	1	3	2	2	0	
Glamorgan Mumbles Head	H	3 123	1018.4	-	11.7	12.0	85	5.1	5	2	5	14	0	0	0	0	0	0	0	0	1	5	11	8	6	0	0	7	11	13	0	1	6	13	0	3	2	4	2	0	
Rhoose	H	9 225	1018.8	-	10.9	11.8	89	6.3	0	3	5	12	8	3	1	1	1	2	4	5	5	8	4	0	0	0	0	20	11	0	2	1	18	1	1	5	1	2	0		
8b ENGLAND. S.W.		3 74	1019.4	-	9.2	10.9	92	4.2	9	4	2	8	7	1	0	2	0	0	0	0	3	5	10	9	2	0	0	0	1	23	7	3	6	7	1	0	4	2	1	0	
Somerset Yeovilton	H	9 74	1019.7	-	11.1	12.0	90	6.0	3	2	3	13	8	2	0	2	1	2	2	2	9	11	3	1	0	0	0	4	20	7	1	4	8	4	1	4	2	0	0		
Dorset Portland Bill	H	15 35	1018.6	-	15.5	12.9	73	4.9	1	4	11	12	3	0	0	0	0	0	0	0	0	8	12	8	3	0	0	0	13	18	0	0	5	11	6	2	3	3	1	0	
Devon Hartland Pt.	H	3 306	1017.3	-	11.5	12.1	88	3.7	8	6	6	4	6	1	0	0	0	0	0	0	1	13	9	5	2	1	4	16	10	0	1	6	10	4	2	3	5	0	0		
Mount Batten	H	15 306	1017.6	-	12.0	1.1	12.3	87	5.8	0	2	9	16	4	0	0	0	0	0	0	2	2	13	9	4	1	1	6	11	13	0	2	3	12	6	1	3	3	1	0	
Chivenor	H	21 306	1017.7	-	12.3	1.2	12.4	86	4.1	7	5	6	6	1	0	1	0	0	0	0	2	9	11	7	1	3	4	14	8	2	1	3	10	4	4	2	4	1	0		
Exeter	H	3 100	1018.2	+2.9	11.5	12.5	91	3.9	8	5	6	7	5	0	0	0	0	0	0	0	0	5	20	5	0	0	0	3	8	18	2	3	2	13	5	2	1	3	0	0	
St. Mary's, Scilly	H	9 199	1017.6	+2.6	12.3	0.9	12.9	89	5.1	1	6	6	13	5	0	0	0	0	0	0	0	6	13	9	3	0	0	2	13	12	4	1	1	16	2	1	4	2	0	0	
St. Mawgan	H	15 100	1017.4	-	14.6	1.9	13.4	80	4.9	2	5	8	10	6	0	0	0	0	0	0	2	4	7	12	6	0	0	2	19	10	0	1	15	4	1	5	4	0	0		
Cornwall	H	3 23	1018.5	-	10.5	11.5	89	4.6	4	6	7	6	8	0	0	0	0	0	0	0	1	3	14	5	5	2	0	0	8	20	3	0	0	16	5	3	1	1	2	0	
Guernsey States Airport	H	9 23	1018.8	-	11.9	1.2	12.1	86	6.0	0	2	7	13	9	0	0	0	0	0	0	1	0	7	8	4	1	0	0	14	16	1	0	0	17	5	3	2	1	0	0	
	H	15 23	1018.7	-	15.3	2.4	13.1	75	4.2	3	9	5	9	0	0	0	0	0	0	0	0	2	11	10	6	2	0	2	13	16	0	1	2	8	11	0	4	1	0		
	H	21 23	1018.7	-	11.7	1.0	12.2	87	4.7	7	4	3	10	7	0	0	0	0	0	0	0	1	5	15	8	4	0	0	1	8	14	4	1	0	14	4	4	1	1	2	0
	H	3 125	1018.9	-	9.7	11.7	95	5.1	5	4	3	11	6	2	0	5	0	2	2	5	8	4	4	1	0	0	0	0	6	20	5	4	8	4	3	3	1	1	2	0	
	H	9 125	1019.4	-	11.1	0.6	12.5	93	6.4	0	2	6	11	10	2	0	2	1	1	2	3	12	6	4	0	0	0	0	8	16	7	1	9	4	3	2	3	1	1	0	
	H	15 125	1018.2	-	14.8	1.6	14.0	82	5.0	0	4	13	10	4	0	0	0	0	0	0	1	5	11	9	2	3	0	1	14	16	0	0	4	11	5	2	4	1	0		
	H	21 199	1017.2	-	12.5	0.8	13.0	90	4.0	5	9	5	2	7	3	0	0	1	2	0	2	13	6	5	2	0	0	2	17	11	1	2	1	12	5	6	2	2	0		
	H	9 199	1017.1	-	12.9	0.8	13.5	90	5.3	1	7	3	14	6	0	0	0	0	1	1	3	16	4	3	3	0	0	2	19	10	0	2	1	10	9	4	3	1	1	0	
	H	15 199	1017.7	-	12.5	0.7	13.3	91	4.7	7	0	10	1	12	1	0	0	1	1	0	3	14	4	5	3	0	0	4	22	5	0	2	1	13	5	4	3	2	1	0	
	H	3 350	1017.7	-	11.1	0.8	12.0	90	3.8	8	5	7	5	6	0	0	0	0	0	0	0	4	19	3	5	0	0	0	17	13	1	0	3	14	5	4	1	1	2	0	
	H	9 350	1018.0	-	12.3	1.0	12.7	88	5.0	1	4	12	6	7	1	0	0	1	1	0	2	18	5	4	0	0	0	1	17	11	2	0	2	12	7	4	1	2	1	0	
	H	15 350	1017.2	-	14.6	2.2	12.9	77	4.8	1	7	7	11	5	0	0	0	0	0	0	1	13	8	6	3	0	0	2	22	7	0	2	1	10	9	1	5	3	0		
	H	21 350	1018.1	-	11.7	1.7	12.3	88	4.5	4	5	8	6	0	0	0	0	1	0	1	4	16	6	3																	

STATION	MAXIMUM TEMPERATURE °C.										MINIMUM TEMPERATURE °C.										STATION	MAXIMUM TEMPERATURE °C.										MINIMUM TEMPERATURE °C.											
	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°		0° or less		0.1° to 5.0°		5.1° to 10.0°		10.1° to 15.0°		Above 15.0°	
	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°	-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°	0° or less	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	Above 15.0°	0° or less	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	2	28	1	0	Edgbaston	0	0	11	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	20	7	0				
Stornoway	0	0	2	28	1	0	0	0	0	0	0	0	1	5	20	5	0	Kew Observatory	0	0	0	15	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	5	16	10	0		
Craibstone	0	0	1	29	1	0	0	0	0	0	0	0	0	10	16	5	0	Hastings	0	0	0	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18	12	0		
Rothsay	0	0	2	27	2	0	0	0	0	0	0	0	0	3	21	7	0	Southampton	0	0	0	4	25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	18	8	0		
Renfrew	0	0	2	26	3	0	0	0	0	0	0	0	0	3	8	9	11	0	Stonyhurst	0	0	0	24	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	21	5	0	
Eskdalemuir Observatory	0	0	4	21	6	0	0	0	0	0	0	0	0	2	13	4	0	Bidston	0	0	1	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	24	5	0			
Douglas	0	0	0	29	2	0	0	0	0	0	0	0	0	1	21	9	0	Valley	0	0	0	16	14	1	0	0	0	0	0	0	0	0	0	0	0	0	4	14	13	0			
Cockle Park	0	0	0	27	2	2	0	0	0	0	0	0	0	6	22	3	0	Falmouth	0	0	0	23	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	18	0		
Gorleston	0	0	0	19	12	0	0	0	0	0	0	0	0	2	9	20	0	Aldergrove	0	0	1	27	3	0	0	0	0	0	0	0	0	0	0	0	0	1	4	19	7	0			
Cambridge	0	0	0	25	4	2	0	0	0	0	0	0	1	11	14	5	0	Armagh	0	0	1	23	7	0	0	0	0	0	0	0	0	0	0	0	0	0	10	13	8	0			

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, OCTOBER, 1965

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	249	8	29	12	108.8	31	118	3	29	12	74.0	31	308	8	37	12	134.3
Eskdalemuir Observatory	256	18	12	14	127.8	31	141	5	12	14	76.1	31	307	6	18	14	152.2	31
Cambridge	354	4	36	31	182.7	31	175	7	36	31	106.1	31	-	-	-	-	-	-
London (High Holborn)	362	4	30	9	179.4	31	185	3	29	8	97.8	31	425	4	47	8	226.0	31
Kew Observatory	360	4	35	8	184.3	31	162	3	34	8	98.9	31	489	4	45	8	211.9	31
Aberporth	345	9	36	31	203.5	31	159	2	35	31	97.0	31	-	-	-	-	-	-
Bracknell (Easthampstead)	357	4	34	31	186.0	31	175	7	34	31	107.1	31	448	4	48	8	226.2	31

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				
		ft.	ft.	ft.	Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Speed	Hour ended at		Speed	Day and Time			
		ft.	ft.	ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	knots	knobs (m. p. h.)	day hr.		knobs	day h.m.			
1944	Lerwick	310	58	39																
1962	Rothamsted	461	41	33				202	420											
January	Rothamsted	461	41	33				34		213										
July	Rothamsted	461	41	33					401	318										
October	Rothamsted	461	41	33																
Jan. 1963 - July 1965	Lowther Hill	2415	48	33																
1963	Rothamsted	461	41	33																
February	Rothamsted	461	41	33					450	176										
April	Rothamsted	461	41	33					432	210										
May	Rothamsted	461	41	33					469	134										
June	Rothamsted	461	41	33																
September	Rothamsted	461	41	33				75	376											
1964	Rothamsted	461	41	33					384	263										
March	Rothamsted	461	41	33																
April	Rothamsted	461	41	33				168	444	126										
June	Rothamsted	461	41	33					375	152										
September	Rothamsted	461	41	33					367	394										
October	Rothamsted	461	41	33				34	427	247										
1965	Rothamsted	461	41	33					379	346										
June - July	Benbecula	52	33	33																
June	Shin	78	33	33	-	0	2	2	216	326	176	0	7.8	240	24	24	06	45	24	0615
June	Lossiemouth	101	80	60	-	0	5	18	207	306	188	1	8.0	230	31	24	06	52	24	0540
June	Sellafield	83	39	35	-	0	7	31	230	323	94	42	9.6	250	29	26	06	41	26	0555
July	Paisley	188	81	31	-	0	0	0	42	441	261	0	5.3	270	15	1	19	31	1	1815

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								BRIGHT SUNSHINE							
				Means of		Difference from Average		Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-cent- age of Average	Most in a day	Precip'n		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	Per-cent- age of Average			
				A	B	Max.	Min.	Max.	Date	Min.	Date	ft.	ft.	in.	%	Amount	Date	-0.1in. (0.2mm.) or more	-0.4in. (1.0mm.) or more													
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																
1965	Fowey	9 9	51	17.8	11.8	14.8	-1.5	20.6	2	8.3	17, 31	-	-	4.09	-	.92	11	19	17	0	0	0	0	1	0	0	0	0	-	-		
July	Wakefield	9 9	121	17.7	10.2	13.9	-	21.7	12	5.6	17, 31																					
	Redcar	9 9	25											2.64	107			18	11													
	Clawton	9 9	412											6.06				20	17													
	Wrexham	9 9	275	17.7		14.1		21.1	18, 31																							
	Princetown	9 9	1359											11.27	-	3.00	11	18	18													
	Poole	9 9	18	18.7		14.9		21.7	2																							
	Totnes	9 9	120																													
	Gulval	9 9	50																													
	Newton Abbot	9 9	272		10.7	14.6	-1.6							5.76	221	2.20	7	18	14													
	Llyn Stwlan	9 9	1656											8.41	-	1.48	28	21	20													
	Skegness	9 9	15											2.75	124																	
August	Dale Fort	9 9																														

# Monthly Weather Report

Met.O. 763

## OF THE METEOROLOGICAL OFFICE

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



Volume 82 Number 11

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1966

### November 1965 — *Bright and cold; much snow in the north*

Weather was mainly cyclonic in character except on the 4th-6th, when an anticyclone moved slowly eastwards across the country, and on the 10th-15th, when a ridge extending from a Scandinavian anticyclone covered most of the British Isles.

The month began stormy, an intense depression moving eastwards across Scotland during the early hours of the 1st. Mean wind speeds exceeded 65 kt in many northern districts and rain was heavy at times. In the wake of the depression a strong northerly airstream brought a sharp fall in temperature and frequent snow showers to Scotland and northern England on the 2nd and 3rd. Three quiet, sunny days followed, with widespread early morning frost, as an anticyclone drifted slowly eastward from the west of Ireland to the North Sea.

The only really mild spell of the month was on the 7th-10th. It was also rather wet, a depression to the west of Ireland bringing rain to all districts on the 7th as it moved rapidly north, (falls exceeded 1 inch in parts of Hampshire and the Isle of Wight), and a small disturbance moving eastwards along the English Channel bringing renewed heavy rain to parts of southern England on the 9th.

Easterly winds, associated with a developing anticyclone in the region of northern Scandinavia, spread over the British Isles on the 11th, and this proved to be the beginning of an exceptionally cold spell which lasted in many areas until the 16th. Temperature both day and night fell progressively until by the 15th it failed to rise above freezing point in many parts of southern England, having been as low as -8°C the previous night. Though there was a good deal of sunshine eastern districts had frequent snow showers and during the period snow accumulated to a level depth of 5 inches on the moors and higher ground of north-east England.

Troughs associated with a large depression to the south-west of Ireland brought strong to gale force south-easterly winds and periods of snow to most districts on the 16th, but the next day the snow turned to rain in the south as an airstream from the Atlantic reached the region. By the 18th a complex area of low pressure covered southern England and this general pattern was maintained for a day or two but with the low pressure moving slowly southwards into France. Weather was unsettled and dull with periods of rain, heavy locally, in southern England, but in Scotland it remained cold with snow at times.

An airstream of arctic origin between high pressure over Greenland and low pressure over Scandinavia spread over the British Isles on the 22nd bringing a return of the wintry weather to the southern half of the country. Ground became snow-covered even at some south-coast resorts whilst at Scarborough snow lay 6 inches deep for a time. The next day a depression from the Atlantic deepened as it moved south-east across Scotland, and as winds backed towards south-west the snow in many places gave place to rain or sleet.

The last week of the month was stormy, a series of vigorous and often complex depressions from the Atlantic bringing heavy falls of snow to many northern districts. Gale force winds caused considerable drifting. In southern districts rain was heavy at times. Severe blizzards swept across northern England during the nights of the 26th/27th and 28th/29th, and many roads were blocked by snowdrifts; in the Durham area they were reported to be 15 feet deep. The month ended bright and cold with wintry showers in a north-westerly airstream but the previous heavy rain led to floods in parts of the south-west.

**Pressure and Wind** — Mean pressure was generally below the 1921-50 average except in parts of northern Scotland, the deviation at 9 hr

ranging from -6.0 mb at Shoeburyness to +3.2 mb at Stornoway. Surface winds, westerly at first and northerly on the 2nd and 3rd were then rather variable until the 10th after which they were mainly between south-east and east on the 11th-20th, between north-east and north on the 21st-22nd and predominantly northerly for the rest of the month. Winds reached gale force in Scotland on 20 days and in England and Wales on the 1st-2nd, 5th-7th, 9th, 14th-17th, and 20th-30th (21 days). Gales were widespread and severe on the 1st, 27th and 29th; a gust of 102 kt was recorded at Lowther Hill (2412 ft) on the 1st and one of 75 kt occurred at Ronaldsway on the 29th.

**Temperature** — In England and Wales it was the coldest November since 1952, and in Scotland the coldest since 1925. Mean temperature was exceptionally low in southern England on the 14th and 15th; at Kew it was the coldest consecutive pair of days so early in the winter season since 1887.

Extremes included (England and Wales) 18.3°C at Newport on the 1st and 8th, -11.1°C at Santon Downham on the 15th; (Scotland) 15.0°C at Haddington and Kilmarnock on the 9th, -13.9°C at Braemar on the 15th; (Northern Ireland) 13.8°C at Balleykelly on the 8th, -7.2°C at Knockmany Forest on the 15th.

**Precipitation** — One of the most noteworthy features of the month was the heavy snowfall in northern England during the last week. In England and Wales rainfall, and the rainfall equivalent of snowfall, was more than twice the average in eastern coastal areas north of the Wash and more than three times the average locally in Northumberland and Durham. It was below the average over most of Wales, over the southern parts of the Midlands and East Anglia and over the eastern parts of Kent and Sussex. In Scotland rainfall was above the average over most of the south-east, the north-east, Ross and Cromarty and over Sutherland, elsewhere, apart from Arran, it was below the average.

Snow or sleet fell in Scotland on 24 days and in England and Wales on 18 days. It was reported at a few places in Scotland during the first week and in England and Wales towards the end of the second week but during the second half of the month it was widespread and heavy at times both in Scotland and over the northern half of England. Towards the end of the month ground was covered to a depth of 3-6 inches over much of the north Midlands, 12 inches in Co. Durham and Northumberland and up to 22 inches in the Durham area.

Thunder was heard on 11 days in Scotland and on the 7th, 16th, 17th, 19th, 20th, 22nd-24th and 26th-30th (13 days) in England and Wales. Thunderstorms were fairly widespread in western districts on the 27th.

**Sunshine** — It was a sunny month with sunshine above the average nearly everywhere; there were, however, local deficits in the extreme north and north-east of Scotland, in the coastal areas of north-east England and the extreme south-west of Cornwall. Glasgow and central London had more than twice their average amount of sunshine, and both London (Kew) and Manchester had their sunniest November since their records began in the early 1880's.

**Fog** — Fog was observed at 9 hr at one place or another in Scotland on 23 days and in England and Wales on the 1st, 3rd, 5th-15th, 17th-21st, 23rd and 25th-29th (24 days). However, it was less widespread and less persistent than is usual during November.

**Miscellaneous Phenomena** — The aurora was visible in Scotland on 7 nights.

TABLE I—DISTRICT VALUES— NOVEMBER, 1965 (1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
0 SCOTLAND, N.	12.8	-7.8	-2.7	-2.7	-2.7	-	-	-2	82	109
1 SCOTLAND, E.	13.3	-5.6	-2.8	-2.1	-2.4	-	-	+3	112	113
2 ENGLAND, N.E.	13.2	-5.6	-2.7	-2.5	-2.5	-0.1	+0.3	+6	265	98
3 ENGLAND, E.	15.4	-6.7	-1.9	-1.9	-1.9	-0.6	-0.2	+3	87	148
4 MIDLANDS	14.3	-5.6	-2.3	-2.2	-2.2	-0.8	0.0	+2	107	137
5 ENGLAND, S.E.	15.6	-8.3	-1.6	-1.8	-1.7	-1.3	-0.7	+3	101	150

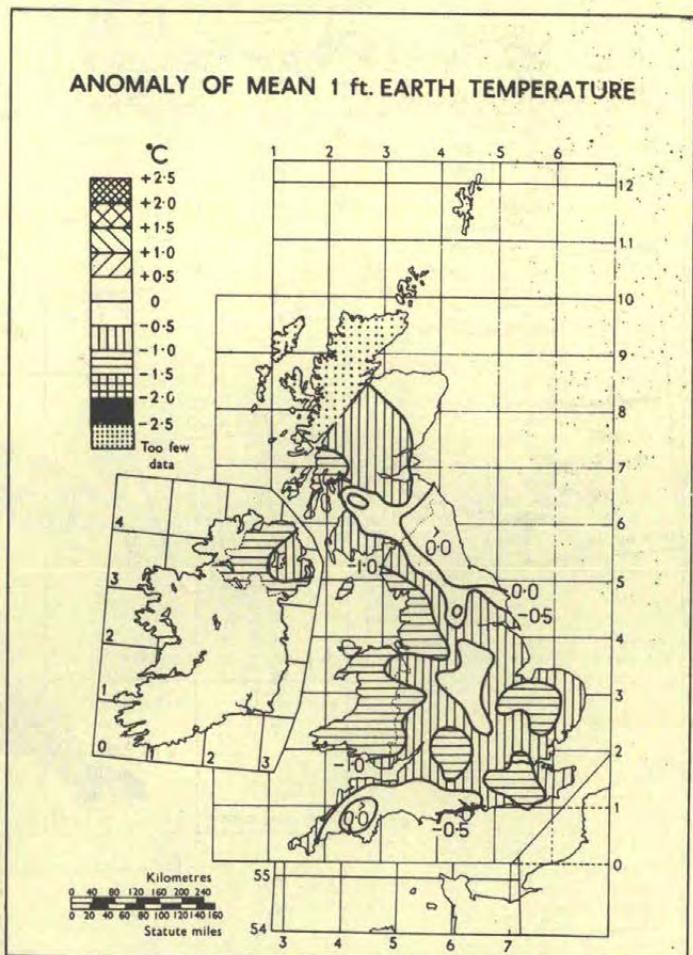
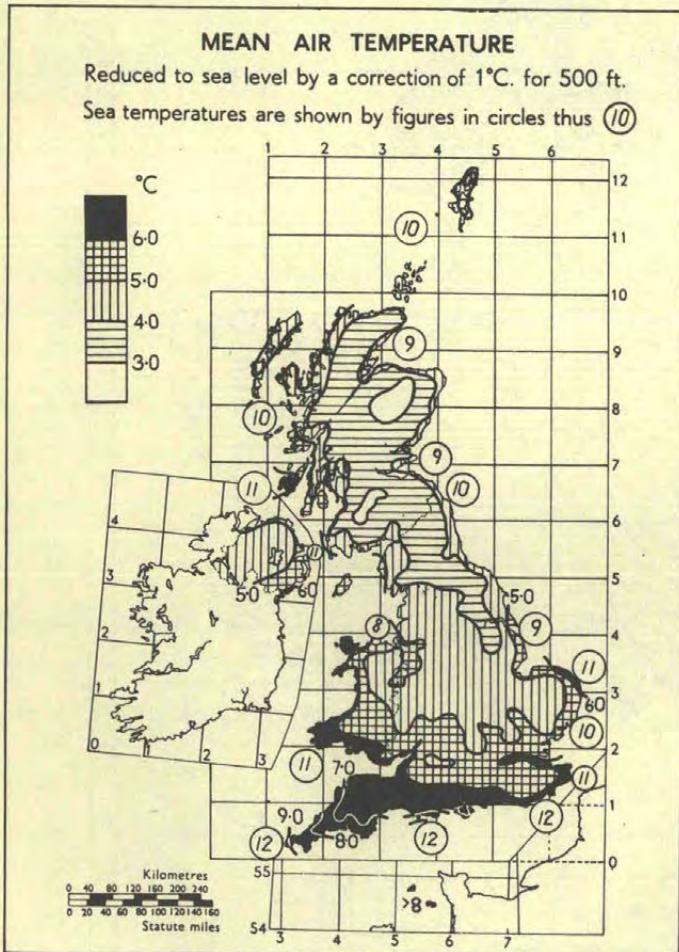
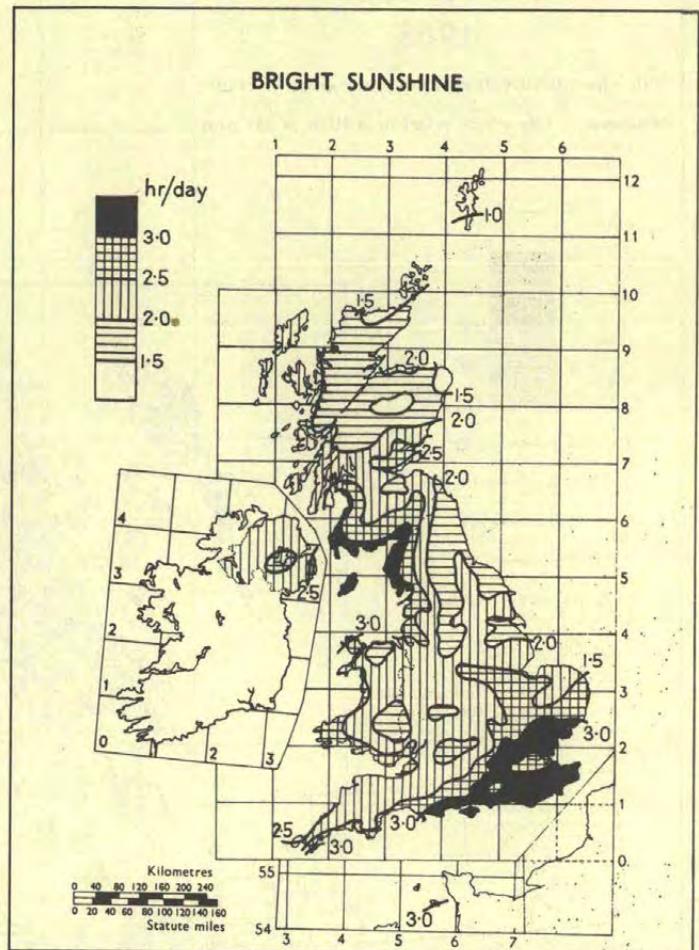
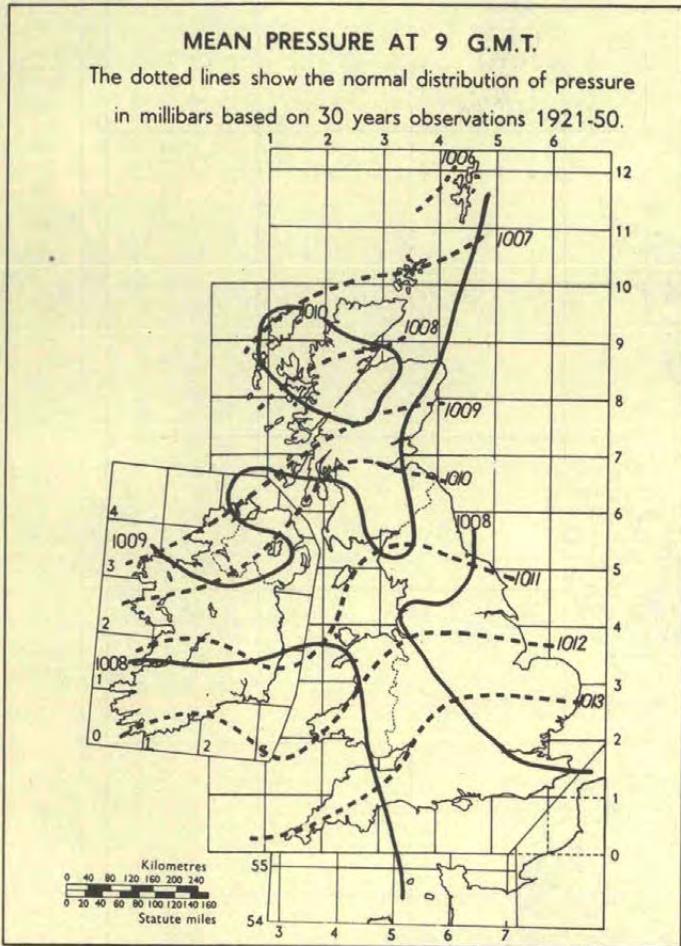
\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	Highest Max.	Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
6 SCOTLAND, W.	13.5	-5.6	-2.6	-2.3	-2.5	-0.4	+0.2	-4	54	161
7 ENGLAND, N.W. and N. Wales	14.4	-5.6	-2.4	-2.4	-2.4	-0.9	+0.5	-3	87	141
8 ENGLAND, S.W. and S. Wales	15.0	-7.2	-1.9	-1.8	-1.9	-0.5	0.0	+3	112	126
N. IRELAND	13.8	-6.9	-2.4	-2.2	-2.3	-	-	+1	115	118
SCOTLAND	13.5	-7.8	-2.7	-2.4	-2.5	-	-	-1	79	128
ENG. and WALES	15.6	-8.3	-2.1	-2.1	-2.1	-	-	+2	114	160

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER, 1965

(1914)

DISTRICT, COUNTY AND PLACE	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	
																	hr.	hr.
SCOTLAND																		
0 Zetland	Lerwick Observatory	304	33	33	1	8	11	88	286	250	88	0	12.3	080	48	1 16	59	1 1545
	Orkney Kirkwall	134	50	33	23	4	14	142	335	153	86	0	14.0	050	38	23 15	53	23 1340
	Caithness Dounreay	110	39	30	23, 26-28	7	17	175	281	167	54	36	15.5	080	38	23 14	58	23 1345
	Sutherland Shin	78	33	33														
	Ross & Stornoway (Coastguard)	120	40	36	7, 16, 17	3	12	113	341	170	98	0	18.5	100	35	7 20	52	23 1330
	Cromarty Duirinish	125	65	55	27, 29	8	10	62	267	221	155	7	10.9	330	40	29 16	60	1 0045
	Inverness Benbecula	90	33	33	1, 29	13	12	75	356	231	45	0	13.4	290	42	1 12	56	1 1305
	Fort Augustus	189	53	53		0	0	0	106	269	345	0	5.0	060	20	23 17	50	16 2220
1 Moray	Kinloss	57	41	41	23	3	13	58	352	237	70	0	12.4	360	46	23 17	61	23 1655
	Lossiemouth	101	80	60	20	3	11	80	297	233	107	0	11.6	010	44	23 17	75	23 1650
	Aberdeen Dyce	234	30	30	23	1	10	71	353	174	121	0	11.7	350	35	23 20	55	23 1940
	Angus Bell Rock Lighthouse	128	131	124	1, 13, 16-18 x	107	25	324	216	57	16	0	23.6	360	56	23 21	79	23 2020
	Perth Rannoch	1006	56	57	1, 23	5	10	74	240	251	142	8	10.7	360	39	23 19	55	1 1335
	Tunnel Bridge	528	53	53		0	1	2	102	330	286	0	5.4	270	23	1 17	49	1 0210
	Fife Leuchars	78	40	40	16, 17	4	15	140	291	225	60	0	14.1	120	35	16 20	55	23 1900
	Midlothian Turnhouse	137	40	33	1	1	5	43	265	308	103	0	10.3	260	34	1 17	53	1 1640
	Edinburgh, Blackford Hill	496	50	34	1, 23	9	8	48	361	223	79	0	11.8	200	41	23 09	69	1 1735
6a Argyll	Tiree	89	60	47	1, 16, 17, 23 /	60	22	225	273	116	46	0	19.0	270	46	1 16	69	1 1505
	Bute Millport	50	34	34	1, 6, 7, 17-19	43	13	96	257	205	65	54	15.0	060	49	17 09	64	7 0720
	Renfrew Paisley	188	81	31		0	1	8	140	377	195	0	6.9	230	28	1 08	60	1 0810
	Renfrew	71	41	39		0	6	37	205	373	105	0	9.4	250	32	1 09	54	1 0835
	Lanark Lowther Hill	241.5	43	33	1, 6, 7, 16-18, 20 //	98	19	147	341	123	11	0	20.1	260	66	1 09	102	1 0840
	Ayr Prestwick Airport	68	33	33	1, 16	8	10	77	287	246	102	0	11.7	090	38	16 20	60	16 2140
	Dumfries Chapelcross	310	50	50		0	5	41	344	275	60	0	11.1	230	32	1 08	64	1 0440
	Eskdalemuir Observatory	825	50	35	1	1	9	64	187	258	210	0	9.0	220	34	1 08	68	1 1245
	Wigtown West Freugh	81	33	33	1, 16, 23, 29	20	9	105	306	200	57	32	13.9	280	44	1 10	73	1 1005
ENGLAND AND WALES																		
6b Isle of Man	Ronaldsway	119	64	39	1, 2, 6, 7, 16-18 /	96	22	191	299	117	17	0	20.2	120	52	16 09	75	29 1740
	Point of Ayre	64	33	33	1, 16, 23, 29, 30	41	17	155	418	101	5	0	17.8	270	43	1 11	66	1 0955
2 Durham	Durham	389	53	33	1	2	7	53	274	230	161	0	9.8	270	35	1 13	72	1 1210
	South Shields	73	57	44	16, 17, 23, 29	8	15	116	371	167	58	0	14.6	010	41	29 13	58	29 1255
Yorks., E.R.	Kilnsea	76	39	33	§													
Lincoln	Cranwell	288	47	47	1, 23	2	9	75	258	300	85	0	11.2	250	35	1 11	55	1 1125
3 Norfolk	Gorleston	54	43	43	16, 17, 20, 21, 29, 30	33	16	174	380	124	3	6	17.8	160	46	29 09	59	29 0850
Suffolk	Mildenhall	98	83	60	30	1	10	51	223	324	121	0	9.7	290	34	30 14	57	30 1335
Bedford	Bedford	322	42	30	1	1	8	52	287	316	63	1	11.3	260	34	1 14	55	1 1355
	Cardington	226	133	133	1, 23	8	13	115	299	201	72	25	13.4	260	40	1 12	56	1 1115
Hertford	Garston	307	50	33		0	4	7	147	458	108	0	7.3	270	23	30 08	49	30 0750
	Rothamsted	461	41	33		0	0	0	176	405	139	0	7.3	240	21	1 11	48	1 1040
Essex	Stansted	351	31	31		0	10	53	317	327	23	0	11.8	240	30	1 12	51	27 1250
	Coryton	66	57	48		0	7	31	284	376	29	0	10.8	310	27	29 19	53	1 1025
	Shoeburyness	118	106	91	1, 16, 25, 27, 29	19	20	210	394	92	5	0	18.0	170	40	29 08	59	27 1325
4 Yorks, W.R.	Sheffield	533	83	35		0	1	9	61	252	398	0	4.3	270	25	1 12	66	1 0950
Warwick	Edgbaston	643	118	73		0	6	21	236	447	16	0	10.4	330	27	29 16	45	27 1115
	Elmdon	343	31	31	1	1	9	60	220	348	91	0	10.3	280	34	1 13	57	27 1610
Buckingham	Amersham	500	50	50		0	0	0	184	460	76	0	7.8	300	20	27 13	44	27 1230
Stafford	Keele	706	50	33		0	5	16	238	393	73	0	9.7	080	25	16 16	53	16 1530
Worcester	Pershore	154	33	33		0	9	52	270	309	89	0	10.6	340	30	29 16	67	27 1125
5 London	Kingsway	306	226	125		0	9	47	411	240	22	0	11.2	250	28	1 11	51	1 1245
Middlesex	London (Heathrow) Airport	115	33	33		0	7	40	293	369	18	0	10.9	300	28	27 13	49	27 1225
	Hampton	139	101	100		0	4	29	220	387	84	0	9.4	240	30	1 14	56	1 1300
Surrey	Kew Observatory	92	75	50		0	4	17	229	413	61	0	9.3	240	25	1 14	48	1 1115
	Gatwick	232	38	33		0	4	20	169	382	149	0	7.8	220	29	1 06	49	1 0520
Kent	Isle of Grain	48	40	33		0	9	29	292	254	117	28	10.2	(240)	28	23 20	(49)	1 1030
	Dungeness	70	50	33		§												
	Dover	68	38	62		§												
Sussex	Thorney Island	75	65	42		0	6	34	214	340	132	0	9.5	260	27	1 14	50	1 0740
Hampshire	Hurn	86	53	46		0	6	33	263	369	55	0	10.3	290	31	27 14	51	27 1115
	Calshot	50	41	33														
	S. Farnborough	318	69	35		0	4	26	237	336	121	0	9.4	250	32	1 10	51	1 0510
Berkshire	Abingdon	295	40	40		0	2	13	265	354	88	0	9.5	240	27	1 11	42	1 0350
Wiltshire	Larkhill	491	51	36		0	8	29	260	354	77	0	10.1	330	28	29 17	54	29 1635
	Boscombe Down	425	53	58		0	10	65	324	301	30	0	12.2	330	32	29 17	50	1 0415
	Porton	406	44	44		0	7	33	244	262	181	0	9.1	220	30	1 04	47	27 1115
7a Cumberland	Carlisle	137	42	30	1	5	6	47	239	337	92	0	10.3	250	40	1 11	64	1 1020
	Sellafield	83	39	35	1, 23	12	7	71	178	299	83	77	11.0	-	38	1 08	57	1 0810
	Spadeadam	959	51	50	1	2	7	70	231	360	57	0	11.4	220	39	1 08	64	1 0820
Westmorland	Great Dun Fell	2813	33	33	1, 6, 7, 11, 16, 17 /	102	27	260	266	75	17	0	22.5	230	64	1 08	83	1 1110
	Moor House	1960	50	45	1, 16, 17, 23, 30	34	15	123	327	181	31	24	15.6	280	46	1 15	73	1 1440
Lancashire	Squires Gate	88	55	35	1, 2, 16, 17, 23, 30	42	14	126	331	199	22	0	15.9	260	47	1 09	70	1 0935
	Southport	63	45	36	1, 2, 23, 29, 30	37	12	78	204	254	141	6	11.7	-</				



# RAINFALL NOVEMBER 1965

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

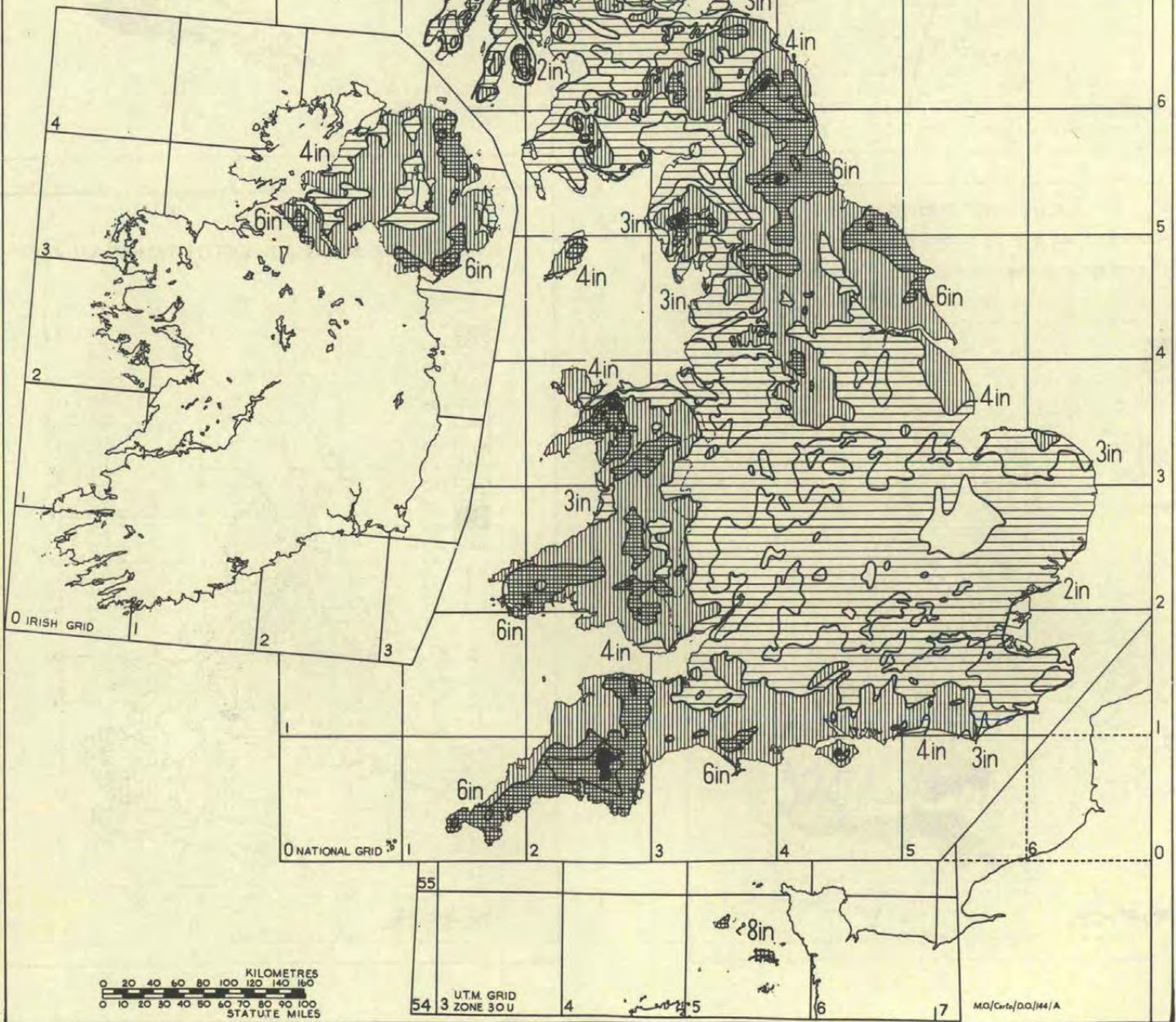
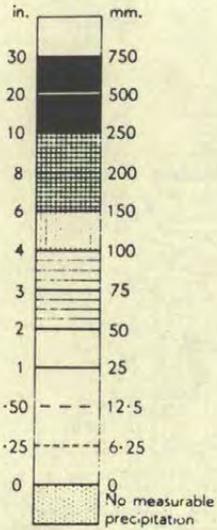


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hour of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS										MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE				
			Means of		Difference from Average	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	Total Fall	Percentage of Average	Moist in a day		Precip'n	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Clear min below 5° C	Gale	Daily Mean	Percentage of Average						
			A Max.	B Min.		Mean of A and B	Maximum	Date					Minimum	Date												Amount	Date	0.1in. (0.2mm.) or more	0.1in. (1.0mm.) or more		
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.									hr	%						
0 SCOTLAND, N.																															
Zetland	Hammavoe	9 9	70	5.8	2.4	4.1	-	10.6	8	-2.8	25,29,30	-	-	2.51	.63	28	26	19	20	10	1	16	0	0	9	-	5	0.96	-		
	Lerwick Obs'y.	21-9	269	4.9	1.4	3.1	-2.8	10.1	5	-5.6	28	-	-	3.65	74	1.28	28	24	21	20	12	4	17	1	2	2	17	2	0.96	88	
	Baltasound	9 9	78	5.2	0.2	2.7	-	10.0	4, 5, 8	-6.1	29	6.2	-	4.53	88	.82	30	22	19	10	10	3	10	0	0	4	-	2	0.93	-	
Orkney	Sule Skerry	9 9	43	7.1	4.3	5.7	-	11.7	8	-1.2	28,29	-	-	3.43	.59	23	25	14	5	4	14	0	1	0	2	9	3	-	-		
	Stenness	9 9	75	5.9	1.2	3.5	-	12.8	8	-7.2	25	6.0	-	3.77	85	.65	22	22	16	10	9	11	0	1	0	10	20	1	1.02	-	
	Evie	9 9	110	6.4	1.6	4.0	-	11.7	8	-3.9	25	-	-	2.79	.42	27	19	18	-	-	-	-	-	0	9	13	-	0.98	-		
	Kirkwall	21-9	84	5.9	1.8	3.9	-	11.7	8	-4.2	29	-	-	3.86	.76	.61	23	21	17	19	8	18	0	1	0	14	17	3	1.28	92	
Caithness	Dounreay	9 9	70	6.6	1.3	3.9	-	13.3	8	-6.1	24	-	-	4.18	.71	.23	22	16	-	8	-	-	-	-	0	12	20	7	-	-	
	Wick	21-9	119	5.8	1.3	3.5	-2.9	12.2	8	-7.8	25	-	-	3.41	108	.59	22	21	15	13	8	1	16	1	1	13	15	2	1.67	97	
Sutherland	Cape Wrath	21-9	367	6.7	2.9	4.8	-2.4	13.6	9	-1.6	29	-	-	3.04	57	.68	22	19	14	13	6	6	7	0	0	7	11	4	1.70	-S	
	Achany	9 9	280	5.3	-	-	-	12.8	9	-	-	5.3	7.9	4.76	118	.63	27	25	16	19	12	9	0	0	2	-	24	0	1.41	-	
	Strathy	9 9	120	5.8	1.3	3.5	-2.3	13.9	8	-4.4	16	-	-	4.26	92	.63	23	25	20	15	8	0	10	0	0	11	-	0	1.10	87 S	
Ross & Cromarty	Stornoway	21-9	11	6.6	2.1	4.3	-2.7	12.4	9	-5.5	29	-	-	3.67	82	1.23	29	19	14	13	2	11	1	0	0	10	19	2	2.06	138	
	Balmacara	9 9	2	7.4	1.3	4.3	-	13.9	9	-5.6	29	-	-	4.08	.74	1.22	15	12	5	6	0	0	0	0	1	12	-	0	-	-	
	Poolewe	9 9	20	6.9	1.7	4.3	-	13.9	9	-3.3	21,22	-	-	4.05	70	1.06	22	18	14	-	-	-	-	-	0	10	16	-	2.00	-S	
	Inverpolly	9 9	45	7.2	1.3	4.3	-	13.3	8	-5.6	21,22,23	7.0	-	5.01	-	1.00	22	20	15	12	10	0	10	3	-	10	23	2	-	-S	
	Achnashellach	9 9	220	6.1	0.1	3.1	-2.5	13.3	8, 9	-7.8	25,29	-	-	6.74	84	1.55	22	19	18	11	9	0	0	0	0	12	-	0	-	-	
	Kinlochewe	9 9	76	6.6	0.4	3.5	-	14.4	9	-7.2	29	5.8	-	6.73	90	1.32	27	21	18	15	9	5	0	1	1	13	15	3	1.28	-S	
	Blackbridge	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-S		
	Fortrose	9 9	15	6.1	2.4	4.3	-2.5	12.8	8	-3.9	15	-	-	1.46	65	.32	27	15	11	8	8	0	0	0	1	8	-	0	1.87	111	
	Tarbatness	21-9	60	6.0	2.9	4.5	-	12.0	8	-5.0	29	-	-	2.02	103	.86	20	13	7	8	3	1	0	0	1	7	-	2	-	-	
Inverness	Benbecula	21-9	19	7.4	2.5	4.9	-2.4	12.0	7	-4.8	25	-	-	2.93	58	.63	22	23	13	11	3	3	9	1	1	11	16	2	2.09	-	
	Isle of Rhum	9 9	15	7.5	2.1	4.8	-	12.8	6, 9	-3.9	15,25	6.7	9.8	3.26	30	1.35	22	16	13	7	5	2	10	2	1	11	19	10	-	-	
	Prabost	9 9	220	6.5	1.8	4.1	-	12.2	7, 8, 9	-4.4	25	-	-	3.59	45	.97	22	20	14	8	7	0	10	1	1	11	18	6	2.39	-	
	Duntulm	9 9	294	6.7	2.2	4.5	-2.6	12.2	8	-1.7	26	-	-	2.79	50	.71	22	18	15	9	1	1	0	0	0	9	14	2	2.23	164 S	
	Onich	9 9	48	7.0	1.6	4.3	-2.1	13.3	8, 9	-5.0	29	-	-	2.93	37	.61	1,22	11	8	6	7	0	0	0	0	12	17	4	1.75	143 S	
	Fort William	9 9	27	7.2	0.4	3.8	-	14.4	9	-6.1	15	5.1	7.9	2.47	.82	.22	12	9	7	5	0	1	1	2	14	19	4	1.68	-S		
	Fort Augustus	9 9	70	6.2	0.3	3.3	-2.3	13.3	8, 9	-7.8	16	-	-	3.07	.88	.22	14	9	9	6	0	0	1	0	14	-	0	1.92	-S		
	Cannich	9 9	350	4.7	-3.8	0.5	-	11.1	8	-13.3	29,(30)	-	-	(3.44)	72	1.07	27	16	14	7	10	1	0	1	0	18	27	1	1.07	-S	
	Inverness	9 9	13	6.2	0.5	3.3	-	12.8	8	-5.0	15	-	-	1.84	80	.30	22	14	11	7	7	0	0	0	0	12	17	0	2.00	-	
	Coire Cas Shieling	9 9	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Cairngorm	9 9	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Achnagoichan	9 9	1000	4.2	-3.4	0.9	-	12.8	9	-11.1	30	4.5	-	2.45	.60	.22	19	13	19	-	0	0	0	-	-	17	27	0	-	-	
	Glenmore Lodge	9 9	1120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1 SCOTLAND, E.																															
Nairn	Nairn	9 9	20	6.3	0.5	3.4	-2.6	12.5	9	-5.6	29	-	-	2.43	110	.40	20	19	15	4	6	0	0	0	2	13	25	0	2.15	121	
Moray	Forres	9 9	155	5.7	-0.6	2.5	-	13.9	9	-7.8	15,29	4.6	7.6	2.66	124	.73	20	18	11	8	10	1	0	0	0	16	18	0	2.16	113	
	Kinloss	21-9	15	6.0	0.7	3.3	-	13.3	9	-7.3	15	5.3	-	2.64	124	.73	20	18	11	13	8	0	12	0	0	0	15	18	1	2.14	-
	Elgin	9 9	92	7.2	0.1	3.7	-	13.9	5	-7.2	14,15,16	-	-	2.13	90	.61	27	14	10	7	7	0	0	0	0	15	20	0	2.04	-	
	Lossiemouth	9 9	21	6.4	0.5	3.5	-2.3	12.8	5, 8	-7.2	15,16	-	-	2.58	113	.48	27	19	13	11	2	2	7	1	0	0	13	19	3	-	-
	Gordon Castle	9 9	104	6.3	1.2	3.7	-2.3	13.9	8	-5.0	16,29	-	-	2.83	98	.87	27	18	13	-	10	-	-	-	-	13	-	2.23	132		
Banff	Glenlivet	9 9	706	4.4	-1.3	1.5	-	14.5	9	-9.3	16	-	-	3.51	.80	.27	22	12	18	13	0	1	0	2	17	28	0	1.66	-S		
	Banff	9 9	80	6.6	1.8	4.2	-	12.8	5	-5.0	15	-	-	3.84	.45	.28	23	16	16	8	7	0	0	1	9	-	8	1.61	-		
Aberdeen	Braemar	9 9	1113	3.7	-2.3	0.7	-3.1	11.7	4	-13.9	15	-	-	3.50	92	1.00	27	22	18	-	17	-	-	-	0	18	20	-	1.30	-S	
	Balmoral	9 9	927	3.7	-2.3	0.7	-3.2	12.2	5	-12.2	15	-	-	4.61	138	.70	27	26	20	21	18	0	0	0	-	18	26	0	-	-	
	Dinnet	9 9	580	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Huntly	9 9	405	5.0	-0.9	2.1	-	13.7	5	-10.5	16	-	-	3.69	106	.83	27	24	18	15	14	6	0	0	0	16	23	0	-	-	
	Fyvie Castle	9 9	218	5.4	-1.2	2.1	-	13.3	6	-10.0	15	-	-	4.67	127	.87	27	22	19	20	13	6	0	0	-	16	23	0	1.51		

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hour of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE							
			Means of		Difference from Average	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet		Ice or snow pellets etc.		Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average					
			A Max.	B Min.		Mean of A and B	Maximum	Date					Minimum	Date	Amount	Date	0 lin. (0.2mm.) or more	0 lin. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.								Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	0 lin. (0.2mm.) or more	0 lin. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost †	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average				
<b>1 SCOTLAND, E.—cont.</b>																																
Midlothian	Davidson's Mains	9 9	200	5.8	0.8	3.3	-2.6	11.1	1	-3.3	22	4.7	-	2.98	122	.78	19	18	13	10	8	2	0	0	2	16	20	1	2.02	-	S	
—cont.	Penicuik ...	9 9	620	5.0	-0.2	2.4	-	18.9	9	-4.4	29	4.6	-	3.50	103	.69	19	18	14	11	12	0	0	0	2	19	21	1	1.90	-	-	
	Bush House ...	9 9	605	5.1	0.1	2.6	-	18.3	9	-3.9	15,16,29	4.3	7.2	3.54	112	.81	11	18	13	6	9	0	0	2	17	20	1	2.26	-	-		
	Edinburgh—																															
	Blackford Hill †	9 9	441	5.4	1.2	3.8	-8.0	12.2	9	-2.8	22,29,30	-	-	2.58	107	.59	19	20	11	6	3	0	1	0	14	18	2	2.10	110	-	-	
	Royal Bot. Gdns.	9 9	74	6.3	0.9	3.6	-2.5	14.4	1	-2.8	16,27,29	5.1	-	2.33	99	.47	19	17	14	6	7	0	0	0	1	15	21	0	2.11	127	-	-
E. Lothian	Haddington ...	9 9	162	6.1	0.6	3.3	-	15.0	9	-5.6	16	-	-	2.89	123	.69	19	17	13	9	6	3	0	0	0	16	18	1	(2.00)	-	S	
	Dunbar ...	9 9	75	6.8	2.3	4.5	-2.2	12.8	8	-1.7	22,26	-	-	2.71	124	.42	12	14	13	6	1	4	0	0	0	8	13	0	2.23	106	-	-
Berwick	Mertoun ...	9 9	225	5.9	-0.3	2.8	-	12.8	8	-7.2	29	-	-	3.21	-	.53	19	22	13	7	-	1	0	0	0	19	22	1	2.50	-	-	
	Lauder ...	9 9	600	5.0	-0.6	2.2	-	11.7	8	-6.1	15	-	-	3.98	-	.76	19	21	15	13	14	0	0	0	0	19	22	0	2.66	-	-	
	Marchmont †	9 9	498	5.2	0.5	2.9	-2.5	12.2	8	-3.9	15,26	-	-	4.26	143	.87	11	21	17	13	15	0	0	0	1	13	-	1	2.08	132	S	
	Whitchester ...	9 9	838	4.7	-0.6	2.1	-	12.8	9	-5.0	15,29	-	-	6.17	190	1.07	19	23	18	15	16	3	0	0	0	16	-	2	-	-	-	
	St. Abb's Head ...	9 9	245	6.3	3.4	4.9	-	13.8	1	-2.5	29	-	-	-	-	-	-	-	-	-	-	-	-	-	10	4	8	10	-	-		
Fife	Stanhope Farm	9 9	741	4.8	-1.1	1.9	-	11.1	8,9	-8.3	22	-	-	4.41	99	1.27	19	17	15	8	10	0	0	0	2	17	22	0	-	-	-	
	Blyth Bridge ...	9 9	830	4.4	-0.8	1.8	-	12.2	9	-7.2	22	-	-	2.59	76	.45	1	16	14	14	10	1	3	0	3	18	21	3	2.09	-	-	
	West Linton ...	9 9	800	4.8	-0.8	2.0	-	12.8	9	-5.0	26	3.5	6.6	3.06	84	.57	19	19	14	11	10	0	1	0	0	19	21	0	-	-	-	
	Glenstress ...	9 9	580	5.1	-0.6	2.3	-	12.8	8	-7.8	22	-	-	3.54	120	.96	19	19	16	14	9	0	0	0	2	19	-	0	-	-	-	
Selkirk	Bowhill ...	9 9	600	4.9	-0.3	2.3	-	11.7	8	-6.1	15	-	-	4.66	142	1.14	19	19	17	13	10	0	2	0	2	19	-	3	-	-	-	
Roxburgh	Wauchope ...	9 9	560	4.9	-0.8	2.1	-	12.8	8	-6.7	16	-	-	3.49	111	.52	19	18	15	13	7	0	0	0	2	18	-	1	-	-	-	
	Sourhope ...	9 9	900	4.5	-0.6	1.9	-	12.8	4	-6.7	22	-	-	7.80	-	(1.50)	17	21	19	14	14	0	0	0	1	15	22	1	1.88	-	-	
<b>6a SCOTLAND, W.</b>																																
Argyll	Tiree ... †	21-9	29	7.6	3.8	5.7	-2.2	12.5	5	-0.9	25	-	-	1.75	38	.37	22	17	11	7	0	1	11	0	2	3	14	6	2.09	131	-	-
	Rhuvaal ...	21-9	65	7.6	4.7	6.1	-	12.2	8	-0.3	29	-	-	2.68	42	.43	28	18	13	11	0	8	1	1	0	1	3	8	-	-	-	
	Colonsay ...	9 9	87	7.7	3.3	5.5	-2.0	12.8	8,9	-1.1	29	-	-	2.58	45	.35	1	19	15	5	-	8	0	1	0	2	-	5	-	-	-	
	Tobermory ...	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Craighouse ...	9 9	10	7.8	3.7	5.7	-	13.3	8	-2.2	29	-	-	2.88	-	.55	22	17	14	-	1	-	-	-	0	2	10	-	-	-	-	
	Machrihanish ...	9 9	33	7.3	3.2	5.3	-	13.5	8	-3.2	21	-	-	3.41	-	.57	19	19	16	8	0	0	8	0	0	5	13	5	2.24	-	-	
	Campbeltown ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achaglachgach ...	9 9	40	8.5	0.7	4.6	-	13.9	10	-6.7	26	-	-	4.19	64	.63	22	19	18	8	-	3	0	0	0	12	20	0	-	-	-	
	Lephinmore ...	9 9	30	6.8	1.2	4.0	-	12.8	9	-3.9	15,29	-	-	3.54	48	.98	1	17	11	6	2	0	0	0	1	12	19	0	2.13	-	S	
	Glenbranter ...	9 9	80	6.8	0.6	3.5	-	12.2	9	-6.1	22	-	-	3.87	-	.90	22	16	15	-	6	-	-	-	1	14	17	-	-	-	-	
	Benmore ...																															
	Forestry Sch.	9 9	46	6.7	0.5	3.6	-2.7	12.8	9	-6.1	27	4.6	7.8	4.47	-	1.19	1	14	14	5	6	0	0	0	2	15	-	1	-	-	-	
	Younger B.G.*	9 9	40	6.7	1.2	3.9	-	12.2	9	-4.4	15	-	-	4.40	44	1.04	1	17	16	8	6	0	0	1	1	13	19	0	-	-	-	
Bute	Rothsay †	9 9	140	6.5	2.7	4.6	-2.3	12.2	8	-1.7	22,26	5.6	8.2	3.09	53	.70	7	17	13	4	5	0	0	0	0	7	16	2	2.69	169	-	-
	Millport ...	9 9	16	7.8	3.1	5.2	-	13.3	9	-1.1	29,30	-	-	2.27	49	.52	19	11	10	5	2	0	0	0	0	4	-	7	-	-	-	
Dunbarton	Finnart ...	9 9	50	7.2	2.5	4.9	-	12.8	9	-2.2	29,30	-	-	4.42	-	.68	22	16	15	6	0	0	0	0	0	5	-	2	-	-	-	
	Helensburgh ...	9 9	293	6.1	0.9	3.5	-2.5	12.8	8	-3.9	27	-	-	2.30	39	.50	1	17	12	4	2	0	0	0	1	13	-	0	2.39	167	-	-
	Cumbernauld ...	9 9	310	5.3	-0.3	2.5	-	11.7	8	-5.0	27,29	-	-	3.53	-	1.28	19	16	13	10	10	0	0	0	1	19	19	4	-	-	-	
Stirling	Earls Hill ...	9 9	1100	3.1	-0.5	1.3	-	9.8	1,9	-6.1	26	-	-	3.88	-	.78	19	17	15	-	-	-	-	4	21	22	0	2.43	-	-		
	Stirling ...	9 9	151	6.3	1.3	3.8	-2.2	12.2	5,8	-2.8	27	4.9	9.6	1.84	49	.32	23	18	12	5	3	0	1	0	1	12	18	0	2.67	-	-	
	Falkirk ...	9 9	100	6.2	0.8	3.5	-2.4	12.8	8	-3.9	29	-	-	3.06	85	.94	19	16	12	5	5	0	0	0	1	14	-	1	-	-	-	
Renfrew	Greenock ...	9 9	200	6.3	2.2	4.3	-2.6	12.8	1	-1.1	15,23,30	-	-	2.51	38	.55	1	16	13	6	5	0	0	0	1	11	18	0	2.24	-	S	
	Paisley ...	9 9	106	6.2	1.4	3.8	-2.8	12.8	8	-2.8	27,29	5.7	8.8	2.16	48	.46	1	16	12	7	4	2	1	1	2	13	18	1	2.28	171	-	-
	Barrhead ...	9 9	97	6.4	0.4	3.4	-	13.3	8	-6.1	27	-	-	2.40	52	.50	1,23	16	10	8	4	0	0	0	0	1	14	17	0	-	-	
	Renfrew †	21-9	26	6.6	1.3	3.9	-2.2	13.5	8	-5.2	27	-	-	1.59	39	.47	1	16	8	11	4	0	0	1	1	16	18	1	2.53	179	-	-

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE			
			Means of		Difference from Average Mean of A and B	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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			
			A	B		Maximum	Date	Minimum	Date					Amount	Date	0 in. (0.2mm) or more	4 in. (10mm) or more											Snow or Sleet		
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	0 in. (0.2mm) or more	4 in. (10mm) 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	hr	%	
2 ENGLAND, N.E. cont.																														
Northumb-berland cont.	Berwick-on-Tweed	9 9	76	6.5	1.7	4.1	-2.4	12.8	8	-2.8	15,16	-	-	3.94	149	.92	11	18	17	7	0	8	0	0	0	9	16	1	1.98	97
	Cockle Park	9 9	326	-	(1.6)	-	-	-	-	-3.9	29	(5.0)	-	(9.86)	357	(1.40)	20,21	23	22	11	9	0	8	0	0	11	16	-	1.79	87
Durham	Acklington	21-9	138	5.9	1.9	3.9	-	12.1	1	-5.5	29	-	-	5.11	203	.74	17	22	17	11	9	0	8	0	1	10	14	5	2.08	-
	Tynemouth	21-9	95	6.4	3.2	4.8	-2.5	12.2	1	-2.9	26	-	-	5.65	226	1.21	17	22	19	12	3	5	0	0	1	4	13	7	1.71	106
	Seahouses	21-9	37	6.9	2.8	4.9	-	12.2	1	-2.0	22,27	-	-	4.78	-	.91	17	21	16	9	1	7	1	0	1	6	15	7	1.72	-
	Chopwellwood	9 9	446	5.5	0.8	3.1	-2.9	11.7	8	-5.0	16	-	-	8.02	390	1.92	19	22	19	13	10	0	0	0	15	20	0	-	-	S
	Ushaw College	9 9	594	5.3	0.7	3.0	-2.8	12.2	5	-4.4	26	-	-	5.90	203	1.00	19	23	17	14	13	3	2	0	9	13	-	2	-	-
	Houghall	9 9	123	6.5	0.6	3.5	-2.4	12.2	5,8	-7.8	23	-	-	6.67	250	.82	19	21	20	6	12	2	1	0	2	14	20	0	2.23	131
	Durham	9 9	336	6.2	0.6	3.4	-2.7	12.2	5	-5.6	16	6.4	9.5	7.32	294	.97	26	23	21	-	-	-	-	-	-	16	20	-	1.89	99
	Gateshead	9 9	509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	-
	West Hartlepool	9 9	30	6.9	2.4	4.7	-	13.3	8	-2.8	16,23	-	-	5.90	236	.82	25	21	21	7	9	1	0	0	4	8	15	6	1.77	-
	Leeming	21-9	105	6.6	1.3	3.9	-	12.5	8	-4.0	16	-	-	3.85	-	.64	25	18	14	12	7	1	0	0	6	15	18	2	2.56	-
Yorks., N. Riding	Thirk	9 9	111	-	0.6	-	-	12.8	8	-5.0	23	-	-	3.48	-	.77	25	17	15	10	6	0	0	1	1	16	21	3	-	-
	Ampleforth	9 9	313	6.3	(0.8)	3.5	(-2.6)	12.2	6	-8.1	29	-	-	4.34	146	.55	29	18	17	-	-	-	-	-	1	22	26	-	-	S
	Redcar	9 9	25	7.2	2.4	4.8	-	13.3	8	-2.2	26	-	-	5.71	227	.76	25	22	21	-	-	-	-	-	1	5	-	-	1.62	-
	Pickering	9 9	143	6.3	0.4	3.3	-	12.2	8	-7.8	23	-	-	5.77	-	.65	17	23	20	12	12	0	5	1	1	16	17	0	-	-
	Whitby	9 9	135	7.2	2.2	4.7	-	13.3	7,8	-2.2	15,16,26	-	-	-	-	-	-	-	-	-	-	-	-	-	1	10	-	3	1.88	113
	Scarborough	9 9	118	7.0	2.8	4.9	-2.5	12.2	1	-2.8	16	6.8	10.1	6.22	244	.63	25	26	23	8	7	1	0	0	0	6	12	6	1.45	86
	Silpho Moor	9 9	665	5.6	0.8	3.2	-	13.3	1	-3.9	26	5.5	-	7.71	227	.76	17	28	24	8	12	1	1	0	9	15	19	2	1.89	-
	Whitby C/Guard	21-9	200	6.8	2.6	4.7	-	12.4	8	-3.0	16	-	-	4.28	-	.57	17	22	20	9	4	6	0	1	0	22	20	12	-	-
	High Mowthorpe	9 9	574	5.6	0.4	3.0	-	11.1	8	-5.0	15,23	5.3	-	5.09	180	.59	17	25	21	7	9	0	2	0	5	15	19	1	2.04	-
	Yorks., E. Riding	Hull	9 9	8	7.0	2.2	4.6	-2.5	13.3	1	-2.8	16,23	6.1	9.4	4.71	183	.58	17	24	21	7	6	0	0	0	1	10	16	2	1.72
Leconfield		21-9	24	6.6	2.0	4.3	-	12.8	1	-4.7	23	-	-	4.93	-	.54	17	23	21	11	6	0	5	0	2	14	18	4	2.28	-
Filey		9 9	122	6.9	1.8	4.3	-	12.2	1	-5.0	23	-	-	6.14	215	.70	17	25	23	7	-	8	1	0	0	9	14	2	1.79	-
Bridlington		9 9	157	6.7	1.4	4.1	-	12.2	1	-5.0	23	-	-	7.24	249	.77	3	28	24	8	8	3	3	0	0	10	16	5	2.11	-
Kilnsea		21-9	40	7.1	3.0	5.1	-	13.4	1	-3.0	22,23	-	-	5.95	-	.67	17	26	24	8	3	1	5	0	1	7	-	13	-	-
Navenby		9 9	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Waddington		21-9	224	6.6	1.8	4.2	-2.2	13.5	1	-4.4	16	-	-	3.30	-	.55	29	17	15	12	4	0	3	0	6	12	16	0	2.44	-
Lincoln		9 9	22	7.2	0.4	3.8	-	13.3	1,7,8	-7.8	3,23	6.6	9.1	3.22	127	.59	28	22	14	2	2	0	0	0	3	15	19	1	2.10	-
Cranwell		9 9	205	6.8	1.2	4.0	-2.4	13.2	1	-4.6	16	5.8	8.9	3.79	164	.63	18	21	16	11	3	0	0	0	5	12	19	1	2.42	120
Brigg		9 9	10	7.2	0.5	3.9	-	13.3	1	-5.0	23	-	-	3.38	-	.48	28	23	16	8	0	0	0	0	1	17	19	1	-	-
Caistor	9 9	180	-	-	-	-	-	-	-	-	-	-	3.68	-	.61	28	23	17	-	-	-	-	-	-	-	-	-	-	-	
Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cleethorpes	9 9	23	7.3	2.6	4.9	-2.1	13.3	1	-3.3	16	-	-	4.70	197	.56	17	23	21	4	1	0	0	0	2	11	17	3	1.85	98	
Manby	21-9	55	7.3	2.3	4.8	-	13.2	1	-5.2	16	-	-	5.26	227	.71	18	23	18	9	2	0	6	1	1	9	16	2	2.27	-	
Skegness	9 9	15	7.7	2.6	5.1	-1.8	15.0	7	-4.4	23	-	-	3.77	163	.65	29	18	16	4	1	0	0	0	3	10	15	5	2.42	119	
3 ENGLAND, E.																														
Norfolk	Terrington	9 9	13	7.4	1.9	4.7	-	13.9	1,7	-5.0	23	6.4	-	2.52	122	.46	28	22	13	2	2	0	1	0	1	12	18	0	2.64	-
	St. Clement	9 9	76	7.3	1.9	4.6	-	14.1	1,7	-7.9	23	-	-	2.43	-	.52	18	18	14	6	2	0	1	0	1	13	15	1	-	-
	Marham	21-9	76	7.3	1.9	4.6	-	14.1	1,7	-7.9	23	-	-	2.43	-	.52	18	18	14	6	2	0	1	0	1	13	15	1	-	-
	Santon Downham	9 9	80	7.9	-0.1	3.9	-	14.4	7	-11.1	15	6.6	8.8	2.48	95	.69	18	20	16	-	2	-	-	-	-	15	19	-	2.36	-
	West Raynham	21-9	250	6.8	1.8	4.3	-	13.4	7	-6.8	23	-	-	3.42	118	.78	18	20	18	10	1	0	3	0	0	14	18	2	2.69	-
	Cromer	9 9	178	7.4	4.3	5.9	-1.4	13.9	7,8	-4.4	16	-	-	3.94	133	.50	14	25	20	-	4	-	-	-	0	8	15	-	2.29	114
	Sproston	9 9	93	7.7	1.4	4.5	-2.4	13.9	1,7,8	-6.7	14,15	7.3	-	2.82	106	.43	3	23	16	3	2	0	2	1	0	10	19	0	2.48	136
	Coltishall	21-9	55	7.6	2.1	4.9	-	14.4	1	-6.3	16	-	-	2.74	-	.39	3	24	19	9	2	1	1	0	0	11	20	1	-	-
	Burlingham	9 9	89	7.9	2.3	5.1	-	13.9	1,7,8	-4.4	14	-	-	2.50	91	.36	28	21	17	7	2	1	3	0	0	10	18	2	2.91	-
	Gorleston	21-9	12	8.0	4.2	6.1	-1.6	15.0	1	-1.7	25	-	10.9	2.38	87	.43	17	21	14	7	0	2	0	0	0	5	9	5	2.79	146
Suffolk	Mildenhall	21-9	15	7.6	1.7	4.7	-2.3	14.6	1,7	-7.9	14	-	-	1.87	77	.34	18	17	12	5	2	0	0	0	1	12	18	2	2.81	149

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n	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			
			A	B			Maximum	Date	Minimum	Date					Amount	Date														
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
4 MIDLAND COUNTIES—cont.																														
Yorks., Huddersfield	9 9	325	6.4	1.8	4.1	-2.2	15.0	8	-3.9	30	5.8	9.3	4.48	-	.72	17	18	14	-	6	-	-	-	-	4	9	19	-	2.01	161
W. Riding—Oakes	21-9	761	5.1	1.4	3.3	-2.7	13.9	8	-4.1	22	5.2	8.4	4.92	126	.81	25	21	14	12	7	2	1	1	6	15	20	3	2.09	125	
Bradford	9 9	439	5.6	1.3	3.5	-2.7	13.3	8	-3.9	23	6.1	9.6	4.69	133	.79	25	18	14	8	5	0	7	0	3	12	19	1	-	-	S
Ilkley	9 9	315	6.4	1.3	3.9	-2.2	13.3	8	-3.3	22,23,26	-	-	4.66	122	.74	24	15	15	7	7	0	0	0	4	14	-	1	1.86	114	
Sheffield	9 9	429	6.5	1.9	4.2	-2.7	12.8	8	-3.3	16	6.5	10.1	5.80	180	1.22	17	18	17	6	2	0	0	1	-	8	18	0	2.10	149	
Wakefield	9 9	121	6.9	1.6	4.3	-2.3	14.4	8	-3.3	22,23	6.8	9.4	3.08	120	.56	17,25	19	14	-	-	-	-	-	6	13	22	-	-	-	S
Pontefract	9 9	255	6.4	0.9	3.7	-2.8	12.8	8	-3.9	16,26	-	-	3.38	146	.70	28	19	15	7	5	0	0	1	6	14	19	1	-	-	-
Bramham	9 9	177	6.1	0.8	3.5	-	13.3	8	-3.9	16	-	-	4.48	196	.83	25	21	13	6	5	0	0	1	7	18	18	1	2.41	-	-
Cawood	9 9	20	6.6	1.1	3.9	-	13.3	8	-3.3	16,22,23	5.6	8.9	3.99	168	.80	25	18	12	6	5	0	0	0	4	17	19	1	2.57	-	-
Askham Bryan	9 9	110	5.6	1.2	3.4	-	15.0	1	-2.8	6,22,23	-	-	4.16	166	.71	25	16	14	6	7	0	0	0	-	17	21	1	2.35	149	
Buxton	9 9	1007	5.1	0.3	2.7	-2.6	15.0	1	-6.1	23	4.3	7.8	5.29	106	.87	24	19	15	8	5	0	0	0	6	18	19	1	-	-	-
Chapel en le Frith	9 9	732	6.2	-0.1	3.1	-	12.8	8	-7.8	23	-	-	4.23	-	1.30	24	14	12	-	-	-	-	-	-	5	19	23	-	-	-
Mackworth	9 9	293	6.8	0.8	3.8	-	15.6	8	-5.6	22,23	-	-	3.03	-	.64	28	18	17	-	1	-	-	-	2	15	21	-	-	-	-
Belper	9 9	203	7.3	1.3	4.3	-2.2	14.4	1	-4.4	15,23	-	-	3.62	123	.54	16	20	16	4	4	0	0	0	-	15	-	0	-	-	-
Derby	9 9	159	7.2	1.9	4.5	-	13.9	8	-3.9	15,16,22	-	-	2.91	-	.58	28	18	14	6	1	0	0	0	1	11	18	1	2.51	-	-
Morley	9 9	350	6.7	0.7	3.7	-	12.8	6,8	-5.0	22	-	-	3.21	125	.51	16,28	16	13	6	5	0	0	0	-	16	17	1	2.40	-	-
Chesterfield	9 9	298	6.8	1.5	4.1	-	12.8	1,8	-4.4	16	-	-	4.65	-	.68	17	21	16	6	4	0	0	0	3	14	-	1	-	-	-
Nottingham	9 9	157	7.4	0.8	4.1	-2.3	13.3	1,8	-5.6	15,16,23	7.3	9.6	2.74	125	.59	28	19	13	1	0	0	1	0	3	14	18	0	2.63	158	
Watnall	21-9	385	6.5	1.6	4.1	-	13.0	8	-4.7	16	-	-	3.67	137	.50	28	20	12	10	3	0	3	0	6	13	19	1	2.17	128	
Nottingham T.C.**	9 9	169	7.8	1.4	4.6	-	12.8	1	-5.0	15	-	-	2.76	-	.48	28	16	14	-	-	-	-	-	-	9	13	19	-	2.37	-
Mansfield	9 9	362	6.4	1.4	3.9	-2.4	12.8	1	-5.0	16	5.4	-	4.25	150	.85	28	17	13	7	4	0	0	0	3	9	-	0	-	-	-
Nottingham	9 9	192	7.4	2.2	4.8	-2.1	13.3	1,8	-3.9	15,16	5.7	9.2	2.94	128	.59	28	17	14	1	1	0	0	0	3	6	17	1	1.91	129	
Warsop	9 9	150	7.1	0.7	3.9	-	13.3	1	-5.6	15	-	-	3.51	146	.51	28	16	13	-	1	-	-	-	-	3	16	21	-	2.13	-
Finningley	21-9	34	7.2	2.2	4.7	-2.0	13.5	1	-3.6	16	-	-	3.28	-	.55	17	19	14	9	3	1	2	1	4	12	14	1	2.37	-	-
Leicester	9 9	392	6.7	1.3	4.0	-	12.8	1,8	-5.6	16	-	-	2.85	-	.50	28	18	13	8	1	0	0	0	3	11	18	0	2.27	-	-
Caldecott	9 9	175	7.5	0.7	4.1	-	14.4	1,8	-9.4	14	-	-	2.55	-	.64	28	21	14	-	1	-	-	-	4	15	18	-	2.09	-	-
Northampton	9 9	228	7.4	0.6	4.0	-	13.9	8	-8.3	14	6.1	9.8	2.26	-	.60	28	21	16	-	0	-	-	-	5	17	-	-	2.39	-	-
Bugbrooke Mills	9 9	193	7.3	0.9	4.1	-	13.9	1	-6.7	23	6.2	10.2	2.46	107	.40	28	20	17	5	2	0	0	0	5	15	17	0	2.53	-	-
Raunds	9 9	212	7.0	2.0	4.5	-	14.0	1	-4.9	15,23	-	-	2.49	-	.40	28	20	14	9	2	0	0	0	2	13	17	1	2.77	-	-
Wittering	21-9	212	7.0	2.0	4.5	-	14.0	1	-4.9	15,23	-	-	2.49	-	.40	28	20	14	9	2	0	0	0	2	13	17	1	2.77	-	-
Warwick	9 9	450	7.1	1.8	4.5	-	13.3	1,9	-3.9	14	-	-	3.05	-	.59	28	20	17	5	1	0	2	0	5	9	-	0	-	-	-
Birmingham K.E.S.*	21-9	536	6.4	2.6	4.5	-2.2	13.2	8	-3.8	14	7.1	9.7	2.99	95	.55	28	21	15	9	3	1	3	2	4	8	14	0	2.20	138	
Edgbaston	9 9	138	7.9	1.4	4.7	-	16.1	8	-6.1	14	-	-	2.47	110	.38	28	19	16	4	0	0	0	0	3	15	18	0	2.31	-	-
Luddington	9 9	160	7.9	1.1	4.5	-	15.6	8	-6.7	14	6.2	-	2.50	117	.43	19	19	15	3	0	0	0	0	3	13	18	1	1.99	-	-
Stratford on Avon	9 9	319	6.8	1.7	4.3	-	13.4	8	-7.6	14	-	-	3.14	117	.69	28	20	16	9	0	3	1	2	3	13	17	1	2.36	-	-
Elmdon	21-9	319	6.8	1.7	4.3	-	13.4	8	-7.6	14	-	-	3.14	117	.69	28	20	16	9	0	3	1	2	3	13	17	1	2.36	-	-
Shipston on Stour	9 9	365	7.2	1.6	4.4	-	13.9	1,8	-6.1	15	7.0	-	2.48	-	.58	28	18	16	5	1	0	0	0	5	12	18	-	2.39	-	-
Wellesbourne	9 9	153	7.6	1.1	4.3	-	13.9	1,8	-5.6	14	6.2	9.2	2.15	88	.41	28	23	15	2	0	0	0	0	1	14	17	1	2.16	-	-
Wellesbourne	9 9	153	7.6	1.1	4.3	-	13.9	1,8	-5.6	14	6.2	9.2	2.15	88	.41	28	23	15	2	0	0	0	0	1	14	17	1	2.16	-	-
Moreton Morrell	9 9	280	7.5	1.3	4.4	-	13.9	1,8	-6.1	14	-	-	2.15	-	.34	28	21	17	3	0	0	0	0	3	13	19	3	2.52	-	-
Coventry	9 9	338	7.3	1.9	4.6	-1.7	13.9	1	-3.9	14,16	7.1	9.7	2.48	96	.54	28	14	13	2	-	0	0	0	0	10	15	0	-	-	-
Rugby	9 9	385	7.2	1.4	4.3	-1.9	13.9	1	-5.0	16	5.1	8.9	2.91	-	.62	28	18	14	4	1	1	0	0	1	13	16	1	-	-	-
Oxford	9 9	208	8.0	1.9	4.9	-2.1	13.9	1,8	-5.6	15	6.1	9.5	2.01	78	.39	28	17	11	5	1	0	0	0	3	11	18	0	2.58	126	
Oxford	9 9	208	8.0	1.9	4.9	-2.1	13.9	1,8	-5.6	15	6.1	9.5	2.01	78	.39	28	17	11	5	1	0	0	0	3	11	18	0	2.58	126	
Buckingham	9 9	98	8.5	0.6	4.5	-	14.4	8	-8.3	15	-	-	2.45	-	.53	28	19	15	-	-	-	-	-	-	16	19	-	-	-	
Medmenham	9 9	220	7.9	0.6	4.3	-	14.4	8	-7.8	14	6.2	9.9	2.14	-	.36	7	19	15	4	0	0	0	0	-</						



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n (0.1mm or more)	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Percentage of Average				
			A	B			Maximum	Date	Minimum	Date					Amount	Date															
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
7a ENGLAND, N.W.—cont.																															
Lancashire	Squires Gate ...	21-9	33	7.7	1.5	4.6	-2.8	13.7	9	-6.7	15	-	-	2.76	81	.71	24.	15	11	6	1	2	1	0	4	12	17	4	2.77	158	
	Urswick ...	9 9	130	7.3	1.0	4.1	-	12.2	8,11	-5.6	22	-	-	3.31	69	.99	24	17	12	4	0	0	0	0	2	11	-	4	-	-	
	Southport ...	9 9	16	7.7	1.0	4.3	-	13.3	8	-6.1	15	4.5	10.3	2.84	82	.75	24	14	11	1	-	-	-	3	10	17	-	2.59	-		
	Poulton-le-Fylde	9 9	38	7.5	1.5	4.5	-	12.2	9	-5.0	15	-	-	3.09	89	.85	24	11	10	3	1	0	0	0	0	10	-	3	-	-	
	Grizedale ...	9 9	300	7.3	-1.1	3.1	-	12.8	10	-8.3	27	6.2	-	2.71	-	.59	23	18	14	6	6	0	0	0	0	17	23	1	-	-	
	Speke ...	21-9	80	7.5	2.9	5.2	-	13.0	8	-3.0	15	-	-	3.26	111	.61	28	17	14	7	0	4	1	2	2	7	11	5	2.24	-	
	Kirkham ...	9 9	78	7.6	0.9	4.3	-	13.3	8	-6.1	22	-	-	3.16	85	.72	24	11	11	4	2	1	3	1	2	15	19	0	2.82	-	
	Garstang ...	9 9	68	7.4	0.8	4.1	-	12.8	8,9	-6.1	22	-	-	3.30	89	.72	25	11	9	-	-	-	-	0	0	11	19	-	2.72	-	
	Morecambe ...	9 9	24	7.2	2.1	4.7	-2.4	13.3	8,9	-3.9	22,23	-	-	2.88	74	.66	24	14	10	4	1	0	0	0	0	7	-	2	2.94	165	
	Penketh ...	9 9	50	7.8	1.1	4.5	-	13.3	8	-5.6	22	7.1	9.4	2.65	-	.47	24,28	15	12	1	0	1	2	1	3	13	20	0	2.31	-	
	Preston ...	9 9	108	7.3	1.1	4.2	-	12.8	8	-5.6	15,22,23	-	-	3.13	80	.69	24	16	11	7	1	0	3	2	5	11	17	0	-	-	
	Stonyhurst §	9 9	377	6.9	0.9	3.9	-2.4	13.3	8	-4.4	22,23	-	-	3.10	66	.68	24	12	11	-	4	-	-	-	-	3	16	18	-	2.26	141
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.07	-	
	Helmshore ...	9 9	854	5.3	0.9	3.1	-	11.1	8	-3.9	23	(5.3)	-	4.92	77	.94	24	16	12	-	6	-	-	-	3	17	20	-	2.12	-	
	Burnley ...	9 9	655	5.9	0.5	3.2	-	12.2	8	-5.0	23	5.8	8.8	3.66	-	.72	29	16	11	8	6	0	0	0	0	2	18	20	2	2.13	-
	Nelson ...	9 9	540	5.6	0.8	3.2	-	12.4	8	-5.3	23	5.4	9.0	3.81	83	.89	24	15	11	-	6	-	-	-	3	17	19	-	1.95	- S	
	Rochdale ...	9 9	362	6.6	0.9	3.7	-	13.3	8	-6.1	23	-	-	3.59	76	.72	24	14	11	5	5	1	0	1	3	13	19	2	-	- S	
Cheshire	Bidston Obs'ys §	9 9	198	7.1	2.9	5.0	-2.2	12.2	1	-2.2	16	-	-	2.66	96	.50	24	15	12	-	-	-	-	1	5	10	-	2.47	137		
	Winnington ...	9 9	65	7.7	2.1	4.9	-	13.3	8	-4.4	23	-	-	2.38	82	.64	28	17	11	6	0	1	3	0	2	10	17	3	-	-	
	Knutsford ...	9 9	212	7.3	0.9	4.1	-	13.8	8	-6.0	16	5.4	9.4	2.64	83	.60	28	14	11	-	0	-	-	-	-	12	19	-	-	-	
	Ringway §	21-9	248	6.9	2.2	4.5	-2.2	13.0	8	-4.9	22	-	-	2.17	72	.53	28	12	10	8	0	1	4	1	0	11	15	1	2.52	175	
	Macclesfield ...	9 9	500	6.4	1.2	3.8	-2.3	12.8	8	-4.4	22,23	-	-	2.94	86	.70	28	14	11	10	4	0	6	3	0	12	-	4	-	-	
7b NORTH WALES																															
Flint	Rhyl ...	9 9	31	8.1	3.2	5.7	-2.2	13.9	8	-3.9	15	-	-	-	-	.40	25	-	-	5	0	6	2	1	0	4	6	2	2.09	115	
	Prestatyn ...	9 9	12	8.1	3.1	5.6	-	13.9	8	-3.3	15	-	-	2.82	102	.48	28	19	12	2	0	2	0	0	0	0	5	-	0	1.94	114
	Hawarden Bridge	9 9	17	7.6	1.9	4.7	-2.6	12.8	1,8	-5.0	14	-	-	2.79	101	.59	28	19	13	2	2	0	7	2	1	9	-	2	-	-	
Anglesey	Valley ...	21-9	33	8.7	4.1	6.4	-2.3	13.6	8	-3.1	15	-	-	4.08	113	.98	24	21	18	4	0	7	2	2	0	4	10	9	2.96	152	
Denbigh	Colwyn Bay ...	9 9	118	8.0	2.9	5.5	-2.8	13.9	8	-3.3	14,15	7.4	-	2.31	79	.42	25	16	11	4	0	5	0	0	0	4	-	0	1.88	110 S	
	Alwen ...	9 9	100	5.2	-0.4	2.4	-	10.6	8,9	-9.4	15	-	-	5.19	101	.81	28	20	18	-	-	-	-	-	-	19	20	-	-	-	
	Ruthin ...	9 9	243	7.2	1.0	4.1	-	12.2	8,9	-7.2	15	-	-	4.31	-	1.10	28	18	16	-	1	-	-	-	-	0	12	-	2.18	-	
	Loggerheads ...	9 9	690	6.2	0.4	3.3	-	11.7	8	-7.2	15	5.3	8.3	4.50	-	.71	28	22	16	8	6	5	1	2	5	14	17	0	-	-	
	Bwlchgwyn ...	9 9	1267	4.4	-0.2	2.1	-	10.0	8	-8.3	15	5.3	-	5.90	131	.90	28	21	17	7	6	0	0	0	0	8	16	20	1	-	-
	Wrexham ...	9 9	275	7.4	1.5	4.5	-	13.9	1	-5.0	14,15	6.0	9.2	4.32	134	.86	28	21	16	4	4	1	0	1	3	10	20	0	-	-	
Caernarvon	Bardsey Island ...	21-9	61	8.9	6.2	7.5	-	13.1	8	0.9	22	-	-	5.31	-	1.25	28	18	18	-	0	-	-	-	-	0	0	3	-	-	
	Botwnnog ...	9 9	112	8.6	3.3	5.9	-	13.4	9	-3.3	15	7.2	10.3	5.44	-	1.68	28	18	17	4	0	4	2	0	0	5	14	6	2.99	-	
	Bryn Adda ...	9 9	275	8.3	3.2	5.7	-	15.0	9	-2.8	15	-	-	3.48	70	.86	24	16	13	4	0	5	0	1	0	4	15	4	2.78	-	
	Cwm Dylli ...	9 9	324	-	2.6	-	-	-	-	-3.9	15	7.3	-	9.32	65	1.68	24	21	16	-	-	-	-	-	-	0	8	20	-	-	
	Aber ...	9 9	60	8.8	3.9	6.3	-2.2	15.6	9	-2.8	16	-	-	3.93	90	.71	24	19	16	3	0	9	0	0	0	2	12	6	1.64	130 S	
	Llandudno §	9 9	13	8.2	3.9	6.1	-2.4	14.4	8	-3.9	15	-	-	2.89	101	.51	28	15	12	3	0	8	0	0	0	3	-	3	1.94	105	
Merioneth	Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen ...	9 9	473	6.8	0.5	3.7	-	12.8	8	-7.8	15	-	-	4.49	100	.79	28	18	17	8	7	1	2	1	-	15	20	0	-	- S	
Montgomery	Ceinws ...	9 9	200	7.8	1.3	4.5	-	13.3	8	-8.3	15	-	-	7.03	-	1.55	24	16	14	-	-	-	-	-	0	11	17	-	-	-	
	Lake Vyrnwy ...	9 9	995	5.1	0.8	2.9	-	10.6	8	-6.7	15	5.8	-	6.44	92	.97	28	24	18	11	9	0	0	0	0	3	9	27	0	-	-
8a SOUTH WALES																															
Cardigan	Aberporth ...	21-9	378	7.8	4.2	6.0	-2.1	12.8	8	-2.9	15	-	-	4.36	93	.73	9	19	17	5	1	4	1	2	0	6	13	8	2.85	-	
	Aberystwyth ...	9 9	12	8.7	3.3	6.0	-2.3	13.9	1	-1.7	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	-	1.65	86	
	P.B.S.*	9 9	452	7.7	2.4	5.1	-2.5	12.8	8	-5.0	22	-	-	3.64	87	.77	28	20	14	4	1	1	1	1	0	0	7	16	3	3.00	157 S
	Gogerddan ...	9 9	103	8.5	1.8	5.1	-	15.6	9	-6.7	15	-	-	3.00	74	.75	28	19													









TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																		
		At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION													
									0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-4 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
		ft.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-4 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
7a ENGLAND. N.W.	G.M.T.	ft.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-4 mi.	7-12 mi.	13-24 mi.	25 mi. or over	0	1	2	3	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
Cumberland Carlisle ... H	3	92	1009.2	-	2.7	0.7	6.7	88	4.6	4	7	4	5	9	1	0	0	0	1	12	8	7	0	0	2	7	17	4	3	3	10	2	1	3	4	0		
	9	92	1009.2	-	3.1	0.9	6.7	85	5.4	0	8	5	6	10	1	0	0	0	0	5	4	13	5	1	1	4	5	14	6	1	6	6	2	0	0	3	5	2
	15	92	1009.1	-	5.1	1.4	7.0	78	5.3	0	6	8	8	8	0	0	0	0	0	3	6	19	2	0	0	2	8	20	0	2	4	8	3	0	0	5	4	4
	21	92	1010.0	-	3.4	1.0	6.7	83	4.6	4	6	5	8	7	0	0	0	0	0	7	8	13	2	0	0	4	7	17	2	0	4	10	3	0	0	2	6	3
Lancashire Squires Gate H	3	35	1007.9	-	3.6	0.8	7.1	87	5.0	5	2	6	8	9	0	0	0	1	1	0	4	11	9	2	2	1	4	12	13	0	3	4	10	5	2	1	1	4
	9	35	1007.9	-	4.4	0.9	7.3	86	5.3	1	6	5	11	6	1	0	0	0	4	1	5	8	8	4	0	1	5	13	11	0	4	5	10	4	0	0	4	3
	15	35	1007.8	-	6.1	1.3	7.7	80	5.8	0	6	4	12	8	0	0	0	0	1	0	5	16	7	1	0	2	5	14	8	1	2	3	11	2	0	0	5	6
	21	35	1009.0	-	4.2	0.9	7.2	85	4.8	7	3	4	6	9	1	0	1	0	0	2	8	12	5	0	0	0	7	11	11	1	6	2	10	5	1	1	1	3
Speke ... H	3	85	1008.2	-	4.4	1.1	7.0	82	5.6	2	3	7	9	8	1	0	1	0	0	1	2	16	8	2	0	2	8	17	1	5	5	8	1	1	3	3	0	1
	9	85	1008.3	-	4.8	1.1	7.3	82	5.8	1	3	5	16	5	0	0	0	0	2	2	6	15	5	0	0	0	3	11	16	0	4	5	7	2	2	2	1	6
	15	85	1008.2	-	6.8	1.7	7.3	75	2.6	0	6	5	10	9	0	0	0	0	1	4	4	13	7	1	0	0	5	11	13	1	1	3	9	2	2	1	3	8
	21	85	1009.5	-	4.7	1.2	7.0	81	3.7	7	2	4	8	9	0	0	0	0	3	1	9	12	4	1	0	0	7	9	14	0	5	7	3	3	0	1	6	
Cheshire Ringway H	3	251	1008.2	-	3.6	1.0	6.8	83	5.4	7	0	3	9	11	0	0	0	1	1	3	14	8	3	0	0	1	12	14	3	2	4	7	3	5	2	2	2	
	9	251	1007.8	-	3.9	1.1	6.8	82	5.8	0	4	4	16	6	0	0	0	0	0	4	15	7	0	0	0	4	10	11	5	3	4	7	0	4	1	3	3	
	15	251	1007.7	-	5.8	1.8	6.9	73	5.6	0	4	7	12	7	0	0	0	1	0	5	20	3	1	0	0	5	16	8	1	2	2	11	2	2	1	4	5	
	21	251	1009.1	-	3.7	1.2	6.5	80	4.6	5	5	5	5	9	1	0	0	0	1	4	5	17	3	0	0	0	3	11	11	5	0	4	5	4	4	0	1	7
7b NORTH WALES																																						
Anglesey Valley ... H	3	36	1007.9	-	5.4	0.8	8.0	87	4.7	5	4	8	4	9	0	0	0	0	0	1	8	10	9	2	2	4	14	9	1	3	10	5	2	1	2	2	4	
	9	36	1008.0	-3.1	6.2	1.1	8.1	84	6.0	0	3	5	15	7	0	0	0	0	0	0	9	5	10	6	3	5	13	9	0	3	7	8	1	1	2	4	4	
	15	36	1008.1	-	7.2	1.4	8.3	79	5.5	0	5	7	12	6	0	0	0	0	0	0	8	8	7	7	2	7	11	9	1	5	8	4	3	1	1	4	3	
	21	36	1009.2	-	5.7	1.0	7.9	84	4.6	2	6	9	8	5	0	0	0	0	0	2	7	6	13	2	1	8	13	8	0	3	8	7	2	2	1	1	6	
Caernarvon Bardsey I. L'e H	3	63	1007.9	-	7.3	1.0	8.9	85	5.0	4	3	7	4	12	0	0	0	0	0	0	1	24	4	1	5	10	12	3	0	8	6	4	10	0	1	3	3	
	9	63	1007.7	-	7.3	1.1	8.8	84	6.1	0	1	10	7	12	0	0	0	0	0	0	0	13	11	6	6	12	8	3	1	5	6	4	8	2	1	2	1	
	15	63	1007.8	-	7.8	1.3	8.7	81	6.2	1	2	4	10	13	0	0	0	0	0	0	0	11	17	2	8	7	12	2	1	4	5	3	7	4	1	2	3	
	21	63	1008.9	-	7.5	1.1	8.8	84	4.7	1	7	9	4	9	0	0	0	0	0	0	1	25	3	1	6	8	13	3	0	6	4	6	7	2	2	1	2	
8a SOUTH WALES																																						
Cardigan Aberporth H	3	382	1007.3	-	5.7	1.2	7.7	82	4.8	3	7	3	8	9	0	0	0	0	0	1	8	11	7	3	0	8	12	9	1	4	2	8	4	2	2	4	3	
	9	382	1007.6	-	5.8	1.4	7.9	77	5.8	0	4	6	11	9	0	0	0	0	0	0	9	10	7	4	0	5	16	9	0	4	2	8	4	6	0	3	3	
	15	382	1007.6	-	6.7	1.7	7.6	76	6.1	0	4	4	13	9	0	0	0	0	1	0	9	8	9	3	1	7	8	14	0	6	2	7	5	4	0	2	4	
	21	382	1008.7	-	5.4	1.3	7.3	80	4.8	3	5	9	4	9	0	0	0	0	0	0	5	15	6	3	1	4	13	11	4	1	7	9	2	0	2	4		
Pembroke Milford Haven C. Board H	3	128	1007.5	-	6.4	0.9	8.5	86	5.2	5	2	5	7	11	0	0	0	0	0	1	14	10	5	0	2	6	9	13	0	3	6	9	1	1	2	2	6	
	9	128	1007.5	-	6.3	1.0	8.3	85	5.8	1	4	4	12	9	0	0	0	0	0	0	14	11	5	0	2	5	8	14	1	2	7	2	1	2	3	5		
	15	128	1007.6	-	8.3	1.8	8.5	76	5.8	2	1	7	9	11	0	0	0	0	0	0	12	10	7	0	2	4	12	11	1	2	2	9	4	4	1	1	6	
	21	128	1008.7	-	6.5	1.0	8.3	84	5.3	4	2	7	8	9	0	0	0	0	0	1	9	17	3	0	0	3	15	12	0	2	8	6	4	2	1	1	6	
Glamorgan Mumbles Head H	3	123	1007.7	-	6.4	1.2	8.1	82	4.6	6	5	4	11	0	0	0	0	0	0	0	10	14	6	0	5	6	10	9	0	4	11	0	1	2	5	3		
	9	123	1007.5	-	6.6	1.4	8.0	79	5.6	0	6	5	11	8	0	0	0	0	1	1	14	11	3	0	4	6	12	8	0	1	5	10	1	0	2	7	4	
	15	123	1007.5	-	7.5	1.9	7.8	74	5.9	0	4	6	9	11	0	0	0	0	0	4	8	12	6	0	3	10	11	6	0	4	3	10	3	1	0	7	2	
	21	123	1008.5	-	6.4	1.3	7.9	80	5.0	5	6	2	3	14	0	0	0	0	0	0	2	6	14	7	1	3	6	16	5	0	5	14	0	3	0	4	3	
Rhoose ... H	3	225	1008.2	-	4.5	0.6	7.8	89	4.7	7	4	3	5	11	0	0	0	0	0	2	5	4	12	6	1	0	4	14	11	1								

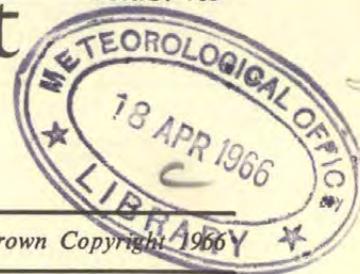


# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Met.O. 763



Volume 82 Number 12

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1966

### December 1965 — *Very wet in England and Wales*

The weather was predominantly cyclonic in character and so it was a wet month. However, there was more than average sunshine almost everywhere, especially in east England.

The bright and cold weather at the end of November continued on the 1st, but widespread rain that night, with snow in the north, persisted in north Scotland on the 2nd, gradually giving place to thundery showers, as a complex depression moved south-eastwards across Scotland to the North Sea. Another complex area of low pressure gave considerable rain on the 4th and 5th, rainfall being heavy at times and exceeding 1 inch locally in the south-west as a deepening depression moved eastwards across southern England. A northerly airstream in the wake of the depression brought thundery showers to most districts on the 6th and 7th, the showers being of snow in parts of Scotland; however many south-coast resorts had more than 6 hours of sunshine.

Rain associated with a rapidly deepening depression approaching northern Scotland reached western districts early on the 8th and rain became widespread and weather stormy on the 9th as the depression moved across Scotland to the North Sea. Gales were widespread and severe at times, gusts exceeding 70 kt at places as far apart as the Isle of Man and the Channel Islands. A northwesterly airstream behind the depression brought sunshine and showers on the 10th and 11th but the heavy rain and the rapid thaw of the snow cover in the milder weather of the previous few days led to widespread floods. Rain from the Atlantic on the 12th continued in eastern England well into the 13th as a small disturbance moved across southern districts, but wind fell light that night and fog formed in many areas persisting in places throughout the day on the 14th.

The mild wet weather continued into the third week, rain being widespread on the 15th as a trough, associated with a deep and complex depression near Iceland, moved slowly eastwards across the country. The 17th was a very mild and wet day. Rain reached western districts early in the morning and in 24 hours more than 4 inches was recorded at Llwynon and over 3 inches at Cwmystwyth. Day temperatures over much of southern England exceeded 13°C, and Kew had the mildest December night since records began there in 1871. A slow moving cold front which lay across the Midlands maintained generally wet weather over southern and central England for another 24 hours, but there were long sunny periods on the 19th as winds veered towards the north-west. Winds became northerly on the 20th as an anticyclone to the west of Ireland increased in intensity and moved south-eastwards, but by the 21st winds were already backing again to the south-west heralding another wet day on the 22nd with more than 1 inch of rain in many western districts.

A complex area of low pressure covering the British Isles gave dull wet weather on the 23rd-24th, but on Christmas Day, although rain persisted for a time in south-east England, northerly winds brought snow showers to parts of Scotland and there were long sunny periods in the west; at Glasgow it was the sunniest Christmas Day on record.

Fine sunny weather became general during the next few days but it was much colder, with day temperatures about 6°C below normal and with severe frost at night. Temperatures remained below freezing point at many places throughout the 28th. Winds freshened from the south on the 29th reaching gale force in many southern districts as rain, preceded in many places by snow, spread from the west — ground became snow-covered for a time in many central and northern districts. Temperatures

continued to rise as another disturbance from the Atlantic brought rain to most districts on the last day of the month.

**Pressure and Wind** — Mean pressure was everywhere below the 1921-50 average the deficit at 9h ranging from 13.5 mb at Leuchars to 8.9 mb at Scilly. Surface winds were mainly westerly during the first half of the month apart from north-westerly winds on the 6th-7th and 10th-11th and southerlies on the 14th-15th. During the second half of the month a period of very variable winds on the 19th-28th was preceded and followed by about three days of southwesterlies. Wind reached gale force in Scotland on 20 days and in England and Wales on the 2nd-6th, 8th-12th, 17th-19th, 22nd-24th, 27th-29th, 30th and 31st (20 days). Gales were widespread on the 9th when a gust of 77 kt was recorded at Bidston.

**Temperature** — Mean temperatures over the month as a whole were a little above average in southern England but below average in the north, especially in northern Scotland. Two very cold days near the end of the month served to keep mean maximum temperatures near the average over England and Wales; in Scotland weather was somewhat colder overall.

Extremes included: (England and Wales) 15.0°C at Faversham and Colwyn Bay on the 17th and at Southgate on the 18th, -12.2 at Chapel en le Frith on the 28th and Moor House on 29th; (Scotland) 13.4°C at Point of Ayre on the 17th, -16.1 at Braemar on the 2nd; (Northern Ireland) 13.4°C at Ballykelly on the 17th, -12.2 at Newry Abbey on the 28th and at Lisnafillan on the 29th.

**Rainfall** — In England and Wales rainfall was more than twice the average over the greater part of the Midlands and Wales, and also over parts of Devon, Norfolk and Sussex; it was more than three times the average locally in Staffordshire. In north-east England rainfall was below the average. In Scotland it was below the average over a wide belt extending north-westwards from the Firth of Tay to the Minch. In most other districts it was above the average.

At the beginning of the month snow lay 6-12 inches deep over much of northern England; over higher ground near Buxton and Malham Tarn it was 12-18 inches deep. In north-east England further falls on the 2nd locally increased the depth from 17 to 19 inches. Except in the extreme north of England and over higher ground most of the snow had gone by the end of the first week, but at Malham Tarn ground was snow-covered until the 15th. During the cold spell towards the end of the month occasional snow fell from the 25th until the 29th and lay 1-2 inches deep in some places in northern England, Wales and Devon on the 28th and 29th and up to 9 inches deep in Shetland.

Thunder was heard in Scotland on 11 days and in England and Wales on the 2nd, 3rd, 5th, 6th, 9th, 25th, 30th and 31st (8 days). Thunderstorms were widespread in southern districts on the 2nd.

**Sunshine** — It was a sunny month in spite of the unusual amount of rainfall; it exceeded the average over the whole of Scotland except the extreme north and north-east. In England and Wales percentages ranged from 235 at Buxton to 68 at Aberystwyth.

**Fog** — Fog was observed a 9h at one place or another on 23 days in Scotland and on every day except the 1st and 3rd in England and Wales. There were patches of freezing fog in the South and Midlands on the 26th-28th.

**Miscellaneous Phenomena** — The aurora was reported in Scotland on 7 nights.

TABLE I—DISTRICT VALUES— DECEMBER, 1965 (1908, revised 1928, 1941, 1956 and 1964)

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					%				
0 SCOTLAND, N.	12.2	-8.0	-1.9	-2.3	-2.1	-	-	+3	129	99
1 SCOTLAND, E.	12.2	-7.2	-1.9	-1.5	-1.7	-	-	+4	104	99
2 ENGLAND, N.E.	13.0	-7.8	-1.0	-1.3	-1.2	-0.9	-0.7	+4	128	121
3 ENGLAND, E.	14.4	-6.7	0.0	-0.5	-0.2	-0.1	-0.7	+3	183	211
4 MIDLANDS	13.9	-7.3	+0.3	-0.3	0.0	-0.4	-0.8	+4	209	161
5 ENGLAND, S.E.	13.2	-8.7	+1.0	-0.1	+0.4	-0.3	-0.9	+4	161	127

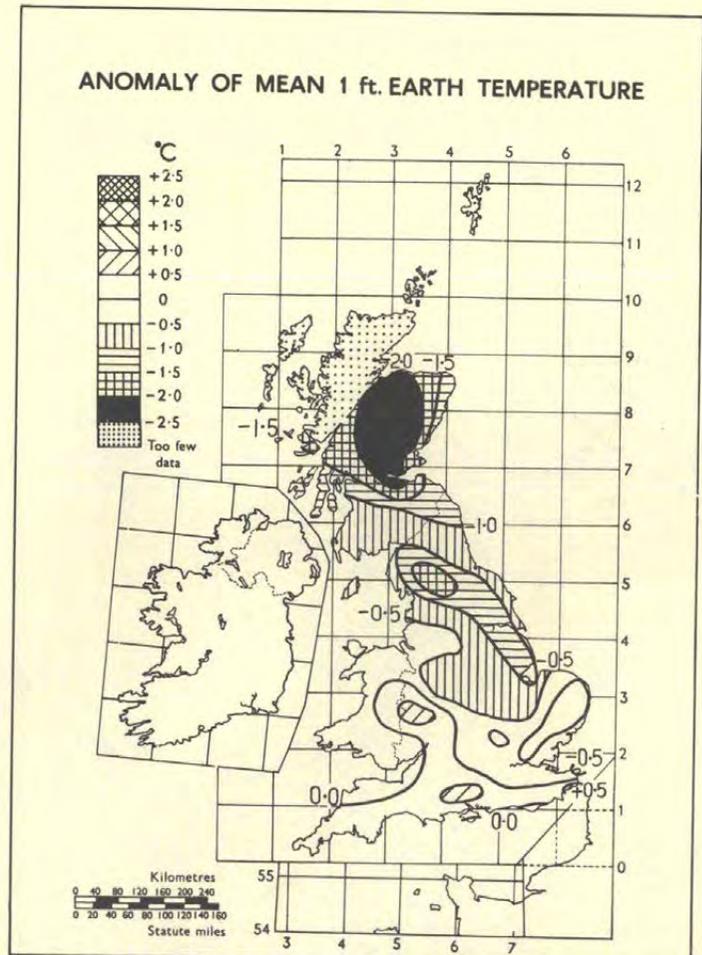
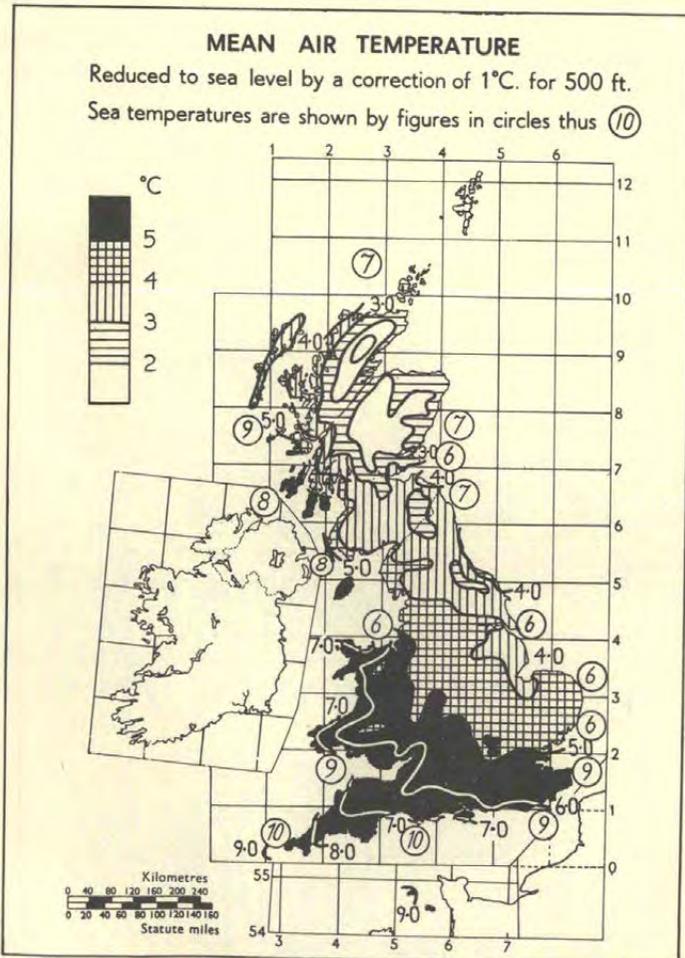
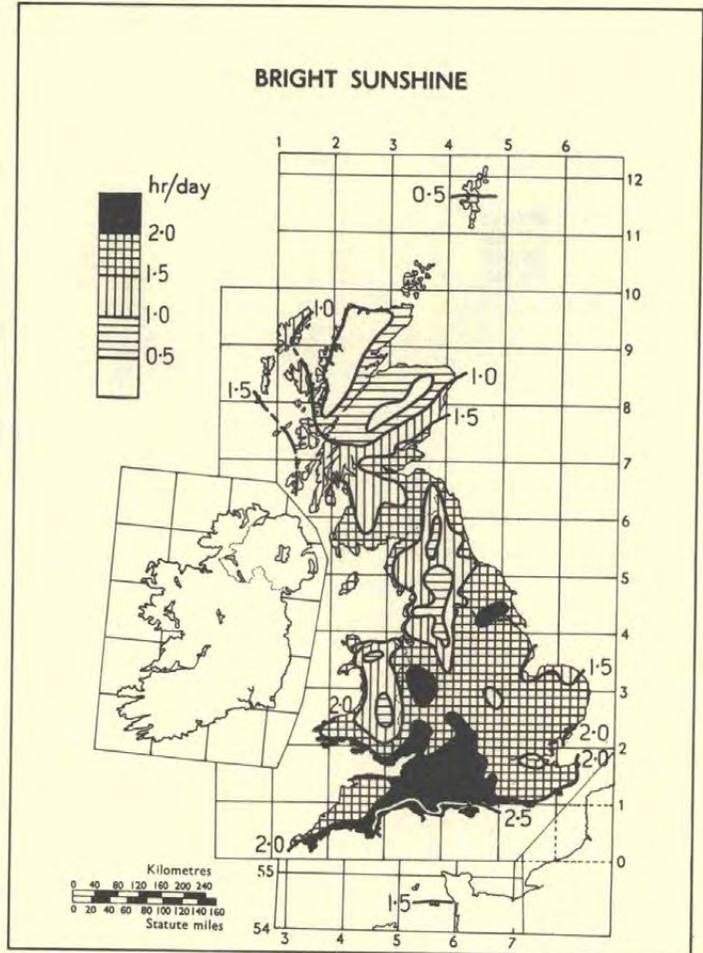
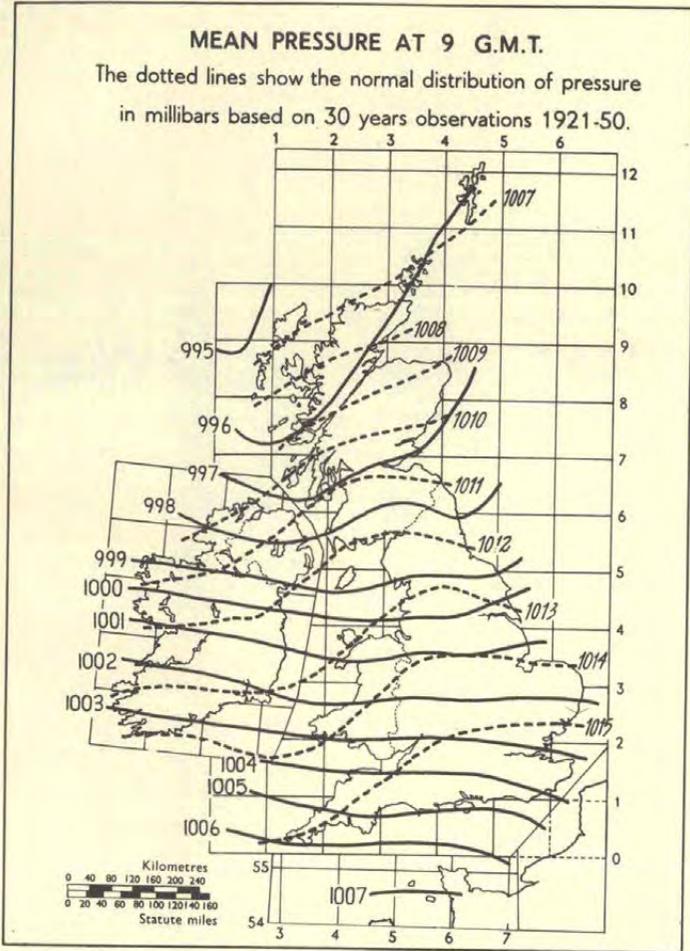
\*Highest Max. and Lowest Min. of the District Value Stations.

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					%				
6 SCOTLAND, W.	12.5	-11.2	-0.9	-1.3	-1.1	-1.3	-0.7	+4	112	170
7 ENGLAND, N.W. and N. Wales	13.5	-9.4	-0.2	-0.5	-0.3	-0.5	-0.5	+4	192	120
8 ENGLAND, S.W. and S. Wales	13.9	-7.8	+0.5	+0.2	+0.3	0.0	-0.4	+5	190	128
N. IRELAND	13.4	-9.6	-0.4	-1.4	-0.9	-	-	+4	127	123
SCOTLAND	12.5	-11.2	-1.6	-1.7	-1.6	-	-	+4	110	123
ENG. and WALES	14.4	-9.4	+0.1	-0.4	-0.2	-	-	+4	181	145

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— DECEMBER, 1965

(1914)

DISTRICT, COUNTY AND PLACE	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		11 to 21	4 to 10	Less than 4	No Record		Highest Hourly Wind			Highest Gust				
				Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		knots	Speed	Hour ended at	Speed	Day and Time			
																	Day	h m		
ft.	ft.	ft.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	knots	Speed	Hour ended at	knots	Day	h m				
SCOTLAND																				
0 Zetland	Lerwick Observatory	304	33	33	17,18,31	5	20	176	341	140	82	0	15.2	230	36	18	11	57	18	1040
	Orkney	134	50	33	-	0	16	78	379	222	65	0	12.8	150	32	17	15	49	17	1435
	Caithness	110	39	30	15,17,29,31	9	17	120	401	152	60	2	14.8	140	40	17	13	54	17	1215
	Sutherland	78	33	33	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ross & Cromarty	120	40	36	-	0	16	111	378	160	95	0	13.3	120	31	17	13	46	17	1225
	Duirinish	125	65	55	-	0	3	15	260	266	202	1	8.4	190	28	17	17	44	17	1505
	Inverness	52	33	33	-	0	12	60	402	238	44	0	12.7	130	30	17	07	47	15	0205
	Fort Augustus	189	53	53	-	0	1	1	48	197	478	20	3.2	210	25	17	09	45	17	0820
1 Moray	Kinloss	57	41	41	-	0	4	13	324	315	92	0	9.9	010	27	10	02	46	17	1040
	Lossiemouth	101	80	60	-	0	4	18	334	293	99	0	9.8	020	26	10	01	43	10	1235
	Aberdeen	234	30	30	-	0	1	2	33	244	165	0	9.0	160	23	17	12	40	10	0930
	Angus	128	131	124	1-3,10,17	11	24	195	432	66	40	0	17.6	050	37	3	13	49	3	1250
	Perth	1006	56	57	-	0	0	0	9	265	470	0	2.9	260	14	13	22	26	15	0650
	Tummel Bridge	528	53	53	-	0	0	0	266	423	55	0	9.1	300	21	10	13	32	19	1100
	Fife	78	40	40	-	0	0	0	188	422	125	0	8.1	250	32	19	10	50	19	0920
	Midlothian	137	40	33	-	0	5	9	361	256	88	0	11.1	170	29	8	11	52	19	0915
	Edinburgh, Blackford Hill	496	50	34	-	0	11	39	381	256	88	0	11.1	170	29	8	11	52	19	0915
6a Argyll	Tiree	89	60	47	1,2,5,17,29,31	26	20	151	427	108	32	0	17.0	120	42	17	06	59	17	0520
	Bute	50	34	34	-	0	7	25	310	331	78	0	10.6	110	26	29	10	47	9	1325
	Renfrew	188	81	31	-	0	1	1	156	419	168	0	7.1	260	23	19	09	41	19	0850
	Renfrew	71	41	39	-	0	1	1	156	419	168	0	7.1	260	23	19	09	41	19	0850
	Lanark	241	43	33	9,10,14,15,19,21	24	22	181	422	109	8	0	17.5	290	41	9	16	63	19	0935
	Ayr	68	33	33	-	0	9	27	298	307	112	0	9.8	260	30	19	08	55	19	0730
	Dumfries	310	50	50	-	0	1	1	251	357	135	0	8.2	210	22	17	20	37	6	0035
	Chapelcross	825	50	35	-	0	0	0	150	300	294	0	5.9	210	20	17	19	41	6	0125
	Eskdalemuir Observatory	825	50	35	-	0	0	0	150	300	294	0	5.9	210	20	17	19	41	6	0125
	Wigtown	81	33	33	-	0	10	35	338	291	80	0	11.2	320	33	9	21	54	9	2025
ENGLAND and WALES																				
6b Isle of Man	Ronaldsway	119	64	39	6,8,9,29	17	22	210	304	175	38	0	16.3	270	47	9	21	75	9	2050
	Point of Ayre	64	33	33	9	3	12	81	439	194	27	0	14.0	290	38	9	21	55	9	1935
2 Durham	Durham	389	53	33	-	0	6	9	266	355	114	0	9.0	-	27	19	12	47	19	1120
	South Shields	73	57	44	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Yorks., E.R.	76	39	33	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Kilnsea	76	39	33	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lincoln	288	47	47	9	1	10	57	385	284	12	5	12.7	250	36	9	23	55	9	2235
	Cranwell	288	47	47	9	1	10	57	385	284	12	5	12.7	250	36	9	23	55	9	2235
3 Norfolk	Gorleston	54	43	43	2,29	7	12	91	303	346	7	0	12.6	160	37	2	08	49	10	0120
	Suffolk	98	83	60	10	2	6	32	295	370	45	0	10.6	250	38	10	01	64	10	0035
	Mildenhall	98	83	60	10	2	6	32	295	370	45	0	10.6	250	38	10	01	64	10	0035
	Bedford	322	42	30	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Bedford	322	42	30	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hertford	226	133	133	9,10	11	15	129	356	232	16	0	14.6	270	42	10	02	59	10	0150
	Garston	307	50	33	-	0	2	4	143	496	101	0	7.5	260	24	9	23	45	9	2335
	Rothamsted	461	41	33	-	0	1	1	158	494	91	0	7.6	260	22	10	01	50	9	1635
	Essex	351	31	31	-	0	8	35	323	365	21	0	11.2	260	32	10	01	51	10	0235
	Stansted	351	31	31	-	0	8	35	323	365	21	0	11.2	260	32	10	01	51	10	0235
	Coryton	66	57	48	-	0	3	11	282	408	38	5	10.2	250	25	10	02	53	9	1725
	Shoeburyness	118	106	91	9,10,29	10	17	134	468	126	6	0	16.1	200	43	29	20	58	10	0105
4 Yorks, W.R.	Sheffield	533	83	35	-	0	2	2	50	231	461	0	3.8	290	22	9	24	51	9	2310
	Warwick	643	118	73	-	0	5	12	302	428	2	0	10.6	260	28	9	24	49	9	2355
	Elmdon	343	31	31	9,10	2	5	19	290	370	63	0	10.0	260	34	9	23	54	10	0030
	Buckingham	500	50	50	-	0	1	3	147	461	106	27	7.8	(190	24	29	17)	(45	9	1630)
	Stafford	706	50	33	-	0	2	6	169	453	116	0	7.9	250	26	9	24	59	9	2320
	Worcester	154	33	33	-	0	7	41	280	283	140	0	9.9	230	31	10	03	59	9	2200
5 London	Kingsway	306	229	125	-	0	6	33	417	284	10	0	12.3	230	28	9	13	64	9	1700
	Middlesex	115	33	33	-	0	7	37	302	350	55	0	10.8	250	29	10	01	45	10	0010
	London (Heathrow) Airport	139	101	100	-	0	7	34	257	345	108	0	9.5	210	28	9	16	50	9	1700
	Surrey	92	75	50	-	0	3	8	222	428	86	0	8.6	220	24	9	16	50	9	1655
	Watlington	232	38	33	-	0	7	42	198	381	123	0	8.8	230	26	9	16	44	9	1520
	Kent	48	40	33	-	0	8	55	264	334	91	0	10.4	240	31	9	13	51	9	1545
	Dungeness	70	50	33	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dover	68	38	62	29	2	13	92	396	241	13	0	13.7	210	35	29	19	59	9	1640
	Sussex	75	65	42	-	0	9	51	261	251	181	0	9.7	230	28	9	16	54	9	1530
	Thorney Island	75	65	42	-	0	9	51	261	251	181	0	9.7	230	28	9	16	54	9	1530
	Hampshire	86	53	46	-	0	9	70	344	236	94	0	11.6	220	29	9	15	49	9	1500
	Hurn	86	53	46	-	0	9	70	344	236	94	0	11.6	220	29	9	15	49	9	1500
	Calshot	50	41	33	-	0	10	40	345	301	58	0	11.4	190	31	29	15	50	5	1135
	S. Farnborough	318	69	35	10	1	10	72	295	320	56	0	12.0	250						



# RAINFALL DECEMBER 1965

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

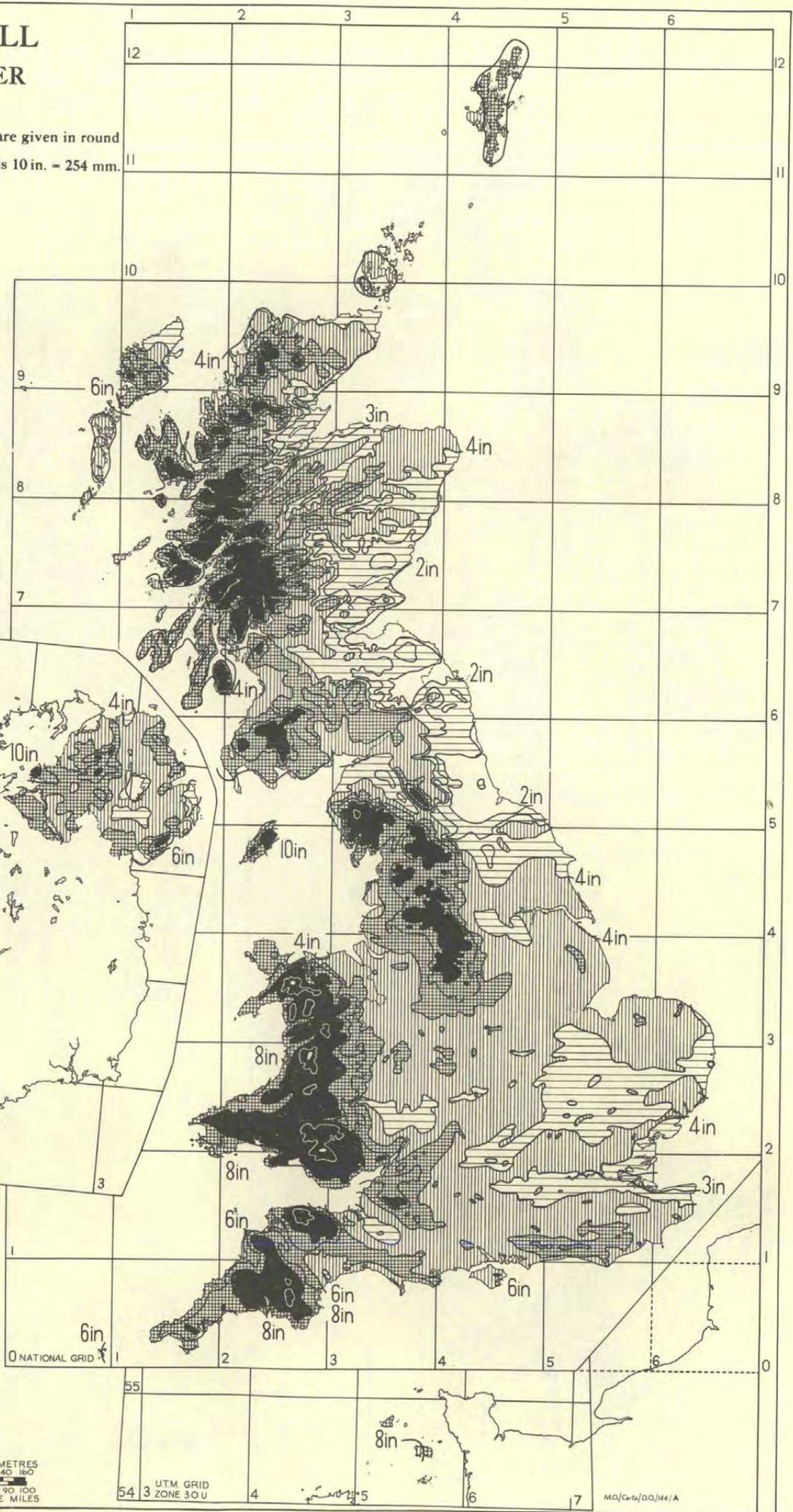
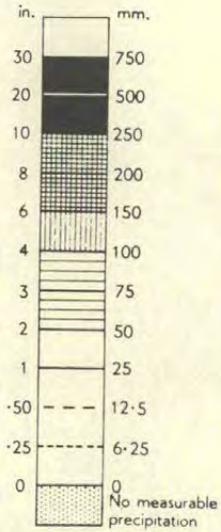




TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hour of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER										BRIGHT SUNSHINE											
			Means of		Difference from Average	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average									
			A Max.	B Min.		Mean of A and B	Maximum	Date					Minimum	Date	Amount	Date											0.1 in (0.2 mm) or more	0.01 in (1.0 mm) or more							
			°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	hr	%					
<b>1 SCOTLAND, E.—cont.</b>																																			
Midlothian	Davidson's Mains	9 9	200	5.4	0.3	2.9	-1.4	11.7	17	-6.7	29	2.2	-	1.90	87	.37	22	24	14	3	2	0	0	0	1	11	25	1	1.56	-	S				
—cont.	Penicuik	9 9	620	4.7	-0.5	2.1	-	10.6	17	-8.9	29	2.0	-	2.95	90	.43	9	26	18	5	8	0	0	0	1	11	26	0	1.35	-	-				
	Bush House	9 9	605	5.4	-0.1	2.7	-	11.1	17	-8.9	29	1.9	4.3	2.63	92	.40	8	24	17	2	3	0	0	0	2	12	20	1	1.75	-	-				
	Edinburgh—																																		
	Blackford Hill	9 9	441	5.3	1.2	3.3	-1.3	12.2	17	-3.9	27,29	-	-	1.45	69	.26	22	18	11	2	4	0	0	0	1	8	19	0	1.66	118	-	-			
	Royal Bot. Gdns.	9 9	74	5.9	-0.2	2.9	-1.4	12.2	17	-8.3	29	2.1	-	1.78	86	.31	22	22	12	9	4	0	0	0	1	16	27	0	1.61	156	-	-			
E. Lothian	Haddington	9 9	162	5.7	-0.1	2.8	-	12.2	17	-8.3	29	-	-	1.57	79	.34	9	19	11	5	0	0	0	0	1	16	21	0	-	-	S	-			
	Dunbar	9 9	75	6.2	1.5	3.9	-1.0	12.8	17	-3.9	29	-	-	1.81	100	.29	9	17	13	2	0	0	0	0	0	8	14	0	1.68	110	-	-			
Berwick	Mertoun	9 9	225	5.4	-0.9	2.3	-	11.1	17	-9.4	29	-	-	1.43	-	.25	9	23	12	3	-	0	0	0	-	14	30	0	1.56	-	-	-			
	Lauder	9 9	600	4.4	-1.3	1.5	-	10.6	17	-11.1	29	-	-	3.05	-	.45	9	25	19	9	9	0	1	0	0	-	15	27	0	1.78	-	-	-		
	Marchmont	9 9	498	4.4	-0.4	2.0	-1.6	10.0	17	-7.2	29	-	-	2.66	113	.48	1	26	16	6	11	0	0	0	0	10	-	0	1.43	124	S	-			
	Whitchester	9 9	838	4.1	-1.2	1.5	-	10.0	17	-7.2	29	-	-	3.28	125	.51	1	26	20	10	14	1	0	0	0	18	-	0	-	-	-	-			
	St. Abb's Head	9 9	245	5.7	2.1	3.9	-	11.0	17	-4.0	29	-	-	-	-	-	-	-	-	7	0	0	0	0	0	7	10	2	-	-	-	-			
Peebles	Stanhope Farm	9 9	741	5.1	-0.5	2.3	-	11.1	17	-10.6	29	-	-	3.78	84	.55	9	23	22	4	3	0	0	0	0	9	22	0	-	-	-	-	-		
	Blyth Bridge	9 9	830	4.4	-0.7	1.9	-	11.1	17	-11.1	28	-	-	3.19	94	.75	9	24	19	12	9	0	0	0	0	13	28	0	1.38	-	-	-	-		
	West Linton	9 9	800	4.4	-1.6	1.4	-	9.4	15	-11.1	28	0.9	3.4	3.39	97	.81	9	26	18	9	11	0	0	0	0	16	24	0	-	-	-	-	-		
	Glentress	9 9	580	5.2	-1.1	2.1	-	12.2	17	-11.7	29	-	-	2.33	80	.53	9	23	14	9	6	0	0	0	0	13	-	0	-	-	-	-	-		
	Bowhill	9 9	600	5.0	-0.8	2.1	-	10.0	17	-9.4	29	-	-	2.57	79	.36	1	25	20	6	9	0	0	0	1	15	-	0	-	-	-	-	-		
Selkirk	Wauchope	9 9	560	4.7	-1.1	1.8	-	10.6	17	-9.4	28	-	-	1.85	58	.22	29	26	16	6	9	0	0	0	0	16	-	0	-	-	-	-	-		
Roxburgh	Sourhope	9 9	900	4.2	-0.8	1.7	-	10.6	17	-9.4	27	-	-	2.03	-	.34	1	24	13	4	5	0	0	0	0	15	24	0	1.28	-	-	-	-		
<b>6a SCOTLAND, W.</b>																																			
Argyll	Tiree	21-9	29	7.2	3.5	5.3	-1.1	10.4	14,17	-2.7	28	-	-	5.37	115	.52	8	27	25	2	0	0	13	0	0	2	17	4	1.70	181	-	-	-		
	Rhuvaal	21-9	65	7.4	4.1	5.7	-	11.6	17	-0.2	28	-	-	5.96	94	.66	8	27	25	2	0	5	0	0	0	1	4	2	-	-	-	-	-	-	
	Colonsay	9 9	87	7.7	2.5	5.1	-0.8	11.1	17	-5.6	28	-	-	5.38	95	.70	8	29	24	2	-	5	0	0	0	6	-	1	-	-	-	-	-	-	
	Tobermory	9 9	270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Craighouse	9 9	10	7.3	2.9	5.1	-	10.6	17	-2.8	28,29	-	-	8.10	-	.79	1	27	24	-	0	-	-	-	0	3	6	-	-	-	-	-	-	-	
	Machrihanish	9 9	33	7.5	3.4	5.5	-	12.9	17	-4.5	28	-	-	5.91	-	.74	28	27	23	1	0	1	5	0	0	5	7	2	1.35	-	-	-	-	-	
	Campbeltown	9 9	10	8.1	3.2	5.7	-	12.2	19	-4.4	28	-	-	6.34	-	1.22	4	28	22	0	0	0	0	8	3	-	0	1.60	-	-	-	-	-	-	
	Achaglachgach	9 9	40	7.2	0.2	3.7	-	11.1	17	-7.8	28	-	-	7.83	114	.91	8	27	25	1	-	2	1	1	0	12	27	0	-	-	-	-	-	-	
	Lephimore	9 9	30	6.1	1.2	3.7	-	10.0	14,15(17)	-5.0	28	-	-	8.66	111	1.08	4	25	24	4	1	3	0	1	0	10	24	0	1.25	-	-	-	-	-	
	Glenbranter	9 9	80	5.6	-0.7	2.5	-	10.0	14	-7.8	28,29	-	-	10.62	-	1.01	8	25	25	-	10	-	-	-	0	13	25	-	-	-	-	-	-	-	
	Bennore																																		
	Forestry Sch.	9 9	46	6.3	0.0	3.1	-1.6	11.1	17	-7.8	28	2.4	4.4	11.49	-	1.31	8	25	25	7	9	0	0	0	1	15	-	0	-	-	-	-	-	-	
	Younger B.G.*	9 9	40	6.2	0.3	3.3	-	11.1	17	-7.2	28	-	-	11.43	107	1.39	8	25	25	5	11	0	0	0	0	12	25	0	-	-	-	-	-	-	
Bute	Rothsay	9 9	140	6.3	2.1	4.2	-1.1	10.6	17	-2.8	27,28	3.6	5.3	6.74	114	.59	8	25	22	4	1	1	2	1	0	4	17	0	1.55	158	-	-	-	-	
	Millport	9 9	16	7.2	3.1	5.1	-	10.0	14,15,17	-2.2	27	-	-	5.77	120	.70	4	24	24	1	0	0	0	1	0	4	-	0	-	-	-	-	-	-	
Dumbarton	Finnart	9 9	50	6.4	1.7	4.1	-	10.6	14,19	-3.9	28,29	-	-	9.93	-	1.55	14	25	24	4	2	0	1	0	0	7	-	0	-	-	-	-	-	-	
	Helensburgh	9 9	293	5.6	0.3	2.9	-1.3	10.0	17	-5.6	28,29	-	-	7.12	116	.88	8	28	24	5	6	0	0	0	0	13	-	0	1.39	183	-	-	-	-	
	Cumbernauld	9 9	310	4.3	-1.5	1.4	-	11.1	17	-9.4	29	-	-	5.71	-	.70	8	25	22	5	10	0	0	0	0	17	25	0	-	-	-	-	-	-	
Stirling	Earls Hill	9 9	1100	2.7	-0.9	0.9	-	9.7	17	-7.7	27	-	-	7.45	-	1.13	4	24	24	-	-	-	-	-	6	17	23	-	1.83	-	-	-	-		
	Stirling	9 9	151	5.6	0.2	2.9	-1.4	11.7	17	-7.2	29	1.7	6.6	4.74	125	.69	4	25	21	5	15	0	0	0	0	11	27	0	1.56	-	-	-	-	-	
	Falkirk	9 9	100	5.5	-0.1	2.7	-1.5	12.2	17	-7.2	29	-	-	4.41	128	.55	4	23	20	-	11	-	-	-	9	-	-	-	-	-	-	-	-	-	
Renfrew	Greenock	9 9	200	6.1	1.4	3.7	-1.5	11.1	17	-3.3	28,29,30	-	-	7.54	108	.84	4	25	25	4	6	0	0	0	3	9	20	0	1.19	-	-	-	-	-	
	Paisley	9 9	106	5.7	1.3	3.5	-1.3	11.1	17	-5.6	28,29	3.2	6.1	5.46	118	.55	22	25	23	3	6	0	0	1	5	7	20	0	1.58	208	-	-	-	-	
	Barrhead	9 9	97	6.1	0.1	3.1	-	12.2	17	-8.3	29	-	-	5.00																					





TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hour of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS										MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER										BRIGHT SUNSHINE		
			Means of		Difference from Average	Highest Maximum and Lowest Minimum			1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average				
			A	B		Maximum	Date	Minimum					Date	Amount	Date	0 in (0.2mm) or more												0.1 in (1.0mm) or more			
			Max.	Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
5 ENGLAND, S.E.—cont.																															
Surrey cont.	Kew Observatory	21-9	18	8.2	3.5	5.9	+0.5	13.2	17,18	-6.1	28,29	5.2	7.6	3.72	181	.43	4	22	17	0	0	1	0	1	6	15	0	1.86	145		
	Gatwick	21-9	192	8.1	1.9	5.0	-	12.4	17,18	-10.2	28,29	-	-	4.60	-	.54	9	20	17	0	0	0	0	1	1	9	19	0	1.78	-	
	Waddon	9 9	220	8.4	2.3	5.3	+0.1	13.3	18	-7.8	28	-	-	3.97	145	.48	22	19	19	0	0	0	0	1	5	5	-	-	-	-	
Kent	Addington	9 9	474	7.6	2.1	4.9	+0.4	12.2	5,17,18	-6.7	28	-	-	4.52	157	.47	9	22	19	0	0	0	0	1	5	-	-	-	-		
	Bromley	9 9	213	8.4	1.9	5.1	+0.1	12.8	17,18	-7.2	28	-	-	3.86	164	.38	9	20	20	-	-	-	-	1	7	-	-	-	-		
	Swanley	9 9	177	8.4	1.9	5.1	-	13.3	17,18	-8.3	29	5.9	-	3.74	-	.41	9	20	19	0	0	0	0	0	1	6	16	-	1.25	-	
	Dartford	9 9	17	8.8	1.9	5.3	-	14.4	18	-8.3	28	-	-	3.49	174	.43	9	20	20	0	0	0	0	0	0	1	7	0	-	-	
	West Malling	21-9	304	7.5	1.9	4.7	-	12.2	17	-9.4	29	-	-	4.35	-	.64	9	20	18	0	0	0	0	0	2	10	15	0	1.77	-	
	Goudhurst	9 9	280	8.1	1.3	4.7	-	11.7	5,17,18	-9.4	28	-	-	6.29	184	1.09	9	20	17	0	0	0	0	0	0	10	18	1	-	-	
	East Malling	9 9	122	8.4	1.5	4.9	+0.2	12.8	5,17,18	-8.3	29	4.6	7.2	4.35	168	.77	9	20	18	0	0	0	0	0	0	1	9	17	0	1.58	120
	Gillingham	9 9	14	8.6	2.6	5.6	-	13.3	17	-7.8	29	-	-	3.54	-	.61	9	20	19	0	0	0	0	0	0	3	-	0	1.38	-	
	Sittingbourne	9 9	224	8.6	2.2	5.4	-	13.3	17	-6.1	28	5.2	7.4	4.07	147	.70	9	19	16	0	0	0	0	0	0	6	15	3	1.63	-	
	Isle of Grain	9 9	9	8.8	3.4	6.1	-	13.3	17,18	-3.9	28	-	-	2.77	-	.32	9	20	19	0	0	0	0	0	0	3	12	1	1.60	-	
	Faversham	9 9	157	8.2	1.9	5.1	-	14.4	17	-7.2	29	5.6	7.3	3.84	-	.72	9	19	18	0	0	0	0	0	0	6	18	1	1.71	-	
	Dungeness	21-9	10	8.7	2.9	5.8	+0.1	11.6	5	-6.8	28	-	-	3.70	144	.45	9	22	16	0	0	0	0	0	0	1	7	-	-	-	
	Wye	9 9	185	8.0	1.7	4.9	+0.3	12.2	5,17,18	-7.8	29	-	-	4.50	145	.50	9	20	18	0	0	0	0	0	2	9	19	1	1.57	103	
	Whitstable	9 9	9	8.7	3.1	5.9	-	13.3	18	-7.2	29	-	-	2.96	150	.46	9	21	18	0	0	0	0	0	0	6	-	3	1.69	-	
	Folkestone	9 9	128	8.3	2.8	5.1	-	11.7	5	-3.9	28	-	-	9.1	4.19	159	.45	18	19	16	0	0	0	0	0	5	13	5	1.78	-	
Elmstone	9 9	28	7.9	1.5	4.7	-	12.8	18	-8.3	29	-	-	3.46	-	.59	9	20	18	-	-	-	-	0	10	11	-	-	-			
Herne Bay	9 9	21	8.7	3.2	5.9	+0.1	12.2	5	-4.4	29	6.4	8.3	4.84	166	.54	18	20	19	0	0	0	0	0	0	6	-	1	1.72	- S		
Dover	9 9	19	8.3	3.8	6.1	-	12.8	17	-4.0	28	-	-	3.78	-	.61	9	20	18	0	0	0	0	0	0	5	9	1	-	-		
Deal	21-9	18	7.7	2.5	5.1	-	12.9	18	-6.5	29	-	-	2.89	-	.37	9	20	17	0	0	0	0	0	0	7	10	3	-	-		
Sussex	Ramsgate	9 9	80	8.6	3.2	5.9	-	12.8	5,17,18	-2.8	29	-	-	3.23	158	.50	9	19	17	0	0	0	0	0	0	5	-	4	1.97	132	
	Margate	9 9	51	8.4	3.6	6.0	+0.1	12.8	5,17,18	-2.8	29	5.6	8.1	2.86	151	.34	4	20	16	0	0	0	0	0	0	3	-	0	-	-	
	Thorney Island	21-9	10	8.7	3.6	6.1	-	12.5	5	-6.5	28	-	-	4.50	158	.61	9	21	18	0	0	0	0	0	0	1	8	11	0	2.13	-
	Bognor Regis	9 9	24	8.9	3.0	5.9	0.0	11.7	5	-6.1	28	-	8.7	6.25	205	.71	22	23	17	0	0	0	0	0	0	5	13	2	2.41	125	
	Fernhurst	9 9	188	8.8	1.1	4.9	-	12.8	18	-7.8	28	5.2	-	5.41	139	.75	9	21	17	0	0	0	0	0	0	10	23	0	1.91	-	
	Littlehampton	9 9	15	9.0	2.4	5.7	+0.1	12.2	5	-6.7	29	-	8.3	5.00	168	.66	9	19	17	0	0	0	0	0	0	7	-	0	2.12	115	
	Rustington	9 9	10	8.9	2.2	5.5	-	12.8	5	-6.1	29	-	-	5.12	-	.68	9	19	17	-	-	-	-	8	18	-	-	1.94	-		
	Worthing	9 9	25	8.8	3.1	5.9	+0.1	11.7	5	-5.0	29	5.7	8.1	5.11	176	.67	9,18	19	17	0	0	0	0	0	5	14	0	2.39	121		
	Brighton	9 9	32	(8.9)	(3.3)	(6.1)	-	11.7	4,5	(-5.0)	(28)	-	(8.2)	5.52	196	.79	9	19	16	0	0	0	0	0	0	0	(5)	(14)	0	1.98	113
	East Grinstead	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	East Hoathly	21-9	130	8.4	2.7	5.5	-	12.1	5	-8.6	29	-	-	6.38	-	1.05	9	17	17	0	0	0	0	0	0	1	9	13	1	1.84	-
	Eastbourne	9 9	23	8.9	3.9	6.4	+0.4	12.2	4,17,18	-4.4	29	6.6	9.4	5.52	165	.66	9	19	18	0	0	0	0	0	0	4	10	3	2.05	116	
	Eastbourne C/Guard	21-9	17	9.0	2.9	5.9	+0.2	12.2	5	-5.6	28,29	6.2	-	5.69	185	.84	9	17	17	0	0	0	0	0	0	1	7	15	3	1.93	110
	Bexhill	9 9	12	9.0	1.3	5.1	-	12.8	5,17,18	-8.9	29	5.4	7.9	7.53	227	1.41	9	19	17	0	0	0	0	0	0	1	10	7	2	1.70	-
	Bodiam	9 9	73	8.7	3.4	6.1	+0.3	11.7	5	-3.9	28	5.3	7.9	5.44	175	.78	9	18	17	0	0	0	0	0	0	5	10	3	2.00	110	
Hastings	9 9	149	8.0	1.6	4.8	-	12.8	17,18	-6.7	28	-	-	4.11	-	.48	22	22	17	0	0	0	0	0	0	8	-	1	-	-		
Berkshire	Letcombe Regis	9 9	350	8.0	1.6	4.8	-	12.8	17,18	-6.7	28	-	-	4.11	-	.48	22	22	17	0	0	0	0	0	0	8	-	1	-	-	
	Abingdon	21-9	210	7.6	1.9	4.7	-0.1	13.7	18	-9.5	28	-	-	3.39	168	.39	4	20	17	0	0	0	0	1	13	19	0	2.02	-		
	Compton	9 9	339	-	-	-	-	-	-	-	-	-	-	3.71	-	.49	4	20	17	-	-	-	-	-	-	-	-	-	-	-	
Wallingford	9 9	157	8.3	0.6	4.5	-	13.9	18	-10.6	28	5.3	7.8	2.89	-	.39	22	20	13	0	0	0	0	1	-	11	22	0	1.24	- S		
Shinfield	9 9	200	8.5	1.6	5.1	+0.4	13.3	17,18	-7.8	28	-	-	3.51	151	.45	22	20	14	-	-	-	-	3	7	18	-	1.84	-			
Reading	9 9	148	8.4	2.2	5.3	+0.3	13.3	17,18	-6.7	28,29	4.9	6.9	3.79	165	.46	22	21	15	0	0	1	0	1	3	7	18	1	2.00	-		
Reading S.T.G.*	9 9	141	8.4	1.7	5.1	-	13.3	17,18	-8.3	29	-	-	3.84	178	.45	4	22	17	-	-	-	-	1	8	17	-	1.83	-			
Finchampstead	9 9	212	8.3	1.2	4.7	-	12.8	17,18	-8.9	28	5.9	7.3	3.82	-	.46	18	22	17	0	0	0	0	0	0	11	18	0	1.68	- S		
Hurley	9 9	140	8.3	0.7	4.5	-	13.3	17,18	-11.7	28,29	4.8	-	4.21	176	.56	22	20	18	0	0	0	0	0	0	3	9	17	0	1.56	-	
Hampshire</																															



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1965

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER Number of days							BRIGHT SUNSHINE							
			Means of		Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n 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				
			A	B		Maximum	Date	Minimum	Date					Amount	Date																
			Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	hr	%	
8b ENGLAND, S.W.—cont.																															
Devon	Clawton ...	9 9	412	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Hartland Point ...	21-9	298	8.6	5.9	7.3	-	11.2	15,18	0.3	28	-	-	5.87	144	.63	22	27	23	3	0	0	3	0	1	0	4	1.5	1.89	130	
	Mount Batten ...	21-9	87	9.6	5.3	7.5	+0.3	12.5	18	-2.4	28	-	-	9.02	200	.93	4	26	25	2	0	2	1	0	1	4	8	2.03	120		
	Plymouth, The Hoe ...	9 9	119	10.5	4.7	7.6	+0.7	13.9	5,9	-2.2	28	7.2	9.2	7.55	169	.72	22	27	24	1	2	0	0	0	2	3	8	2.17	125		
	Tavistock ...	9 9	457	9.7	3.0	6.3	+0.4	13.9	19	-3.3	28,29	-	-	11.27	-	1.30	18	28	25	1	1	2	0	0	5	4	19	0	-		
	Chivenor ...	21-9	20	9.2	4.6	6.9	-	12.8	18	-3.6	28	-	-	5.43	134	.57	22	25	21	1	0	0	4	0	0	4	8	4	1.67	-	
	Ilfracombe ...	9 9	25	9.8	5.9	7.9	+0.5	12.8	17,18	-0.6	28	7.2	-	9.08	207	1.05	22	25	25	0	0	2	0	0	0	1	5	2	1.65	122	
	Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	-	-	19.92	-	2.80	18	25	24	-	-	-	-	-	-	-	-	-	-	-	
	Totnes ...	9 9	120	10.1	3.4	6.7	-	12.8	9,17,18	-4.4	29	6.8	9.0	11.54	204	1.40	18	28	23	1	0	3	0	0	1	5	17	2	2.12	-	
	Slapton ...	9 9	104	10.1	4.2	7.1	-	12.8	17,18	-2.2	29	-	-	9.80	-	1.26	29	24	21	1	0	0	0	0	0	2	8	0	-	-	
	Newton Abbot ...	9 9	272	9.7	3.6	6.7	+0.6	12.8	12,17	-3.9	29	-	-	8.96	190	1.39	18	25	23	1	0	0	0	0	0	1	4	15	0	2.48	136
	Paignton ...	9 9	8	10.3	3.9	7.1	-	13.3	18	-2.8	29	-	-	8.15	182	1.02	18	27	23	1	0	0	0	1	0	3	10	7	2.53	147	
	Torquay ...	9 9	26	10.4	4.3	7.3	+0.5	12.8	4,17,31	-1.7	28,29	-	8.7	7.15	176	1.04	18	24	21	0	0	0	1	0	0	3	7	4	2.73	142	
	Teignmouth ...	9 9	20	10.2	4.6	7.4	+0.3	13.3	18	-1.7	28,29	-	-	4.67	121	.56	18	25	19	0	0	0	0	0	0	2	5	0	2.67	143	
	Starcross ...	9 9	29	10.1	3.7	6.9	-	13.3	9,17,31	-5.0	29	6.3	-	5.03	132	.57	18	24	21	0	0	0	1	0	0	3	13	2	2.53	-	
	Exeter, Southam ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Exmouth ...	9 9	195	9.7	3.9	6.8	+0.7	13.9	12	-2.8	28,29	-	-	4.20	114	.48	22	22	16	1	0	0	0	0	1	2	-	1	2.59	138	
	Exeter ...	21-9	106	9.1	3.9	6.5	-	13.8	19	-6.3	29	-	-	4.00	109	.59	22	24	18	1	0	1	0	0	1	6	13	5	2.08	-	
	Sidmouth ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cornwall																															
	St. Mary's, Scilly ...	21-9	158	10.3	7.3	8.8	+0.2	12.5	17	2.1	27	-	-	6.08	173	.81	24	25	22	0	0	2	0	0	1	0	1	9	1.85	101	
	Penzance ...	9 9	62	10.9	5.7	8.3	+0.3	12.8	4,17,30	-1.7	28	-	-	8.50	176	.80	4	29	27	0	0	5	0	0	0	1	6	11	2.04	111	
	Gulval ...	9 9	50	10.7	5.7	8.2	+0.4	12.8	4,17,18	-1.1	28	-	-	8.18	176	.80	4	27	23	-	0	-	-	-	-	0	1	4	-	1.82	105
	Culdrose ...	9 9	268	10.2	5.2	7.7	-	12.2	4,14,18	-2.2	28	-	-	5.99	144	.71	4	26	24	1	0	1	1	1	1	1	5	6	2.11	-	
	Rosewarne ...	9 9	250	10.1	5.6	7.9	-	12.2	4,16,18	-1.1	28	7.3	8.8	8.83	200	1.01	18	26	24	1	0	8	0	1	0	1	9	6	1.74	-	
	Lizard ...	9 9	240	10.3	5.6	7.9	-0.1	12.1	4	-0.4	28	-	-	5.93	153	.69	4	28	25	0	0	1	0	0	-	1	-	17	2.36	-	
	Falmouth ...	9 9	167	10.2	5.3	7.7	+0.2	12.8	18	-2.2	28	-	-	10.18	193	1.10	4	26	24	0	0	2	0	0	1	7	0	2.15	121		
	Newquay ...	9 9	176	10.2	5.6	7.9	+0.7	12.8	17,18	-2.2	28	-	-	-	-	-	26	24	0	-	2	1	0	-	1	-	0	1.90	110		
	St. Mawgan ...	21-9	337	9.5	5.4	7.5	-	13.0	18	-2.5	28	-	-	6.97	163	.78	18	26	25	1	0	0	5	0	0	2	4	4	1.94	-	
	St. Austell ...	9 9	310	9.9	4.3	7.1	-	12.2	4,17,18	-2.8	28	-	-	10.14	180	1.12	4	26	26	0	0	1	0	0	5	1	-	0	-	-	
	Fowey ...	9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bude ...	9 9	50	10.0	4.9	7.5	+0.6	12.8	17,18	-3.9	28	5.5	-	5.92	155	.58	18	27	26	0	0	2	0	0	-	3	-	1	1.60	96	
	Elbridge ...	9 9	190	9.7	3.6	6.7	+0.6	12.2	4,9,18	-3.3	28	-	-	10.57	215	1.06	18	26	25	0	1	6	1	1	0	6	17	2	2.05	112	
9 NORTHERN IRELAND																															
Londonderry																															
	Loughmore Forest ...	9 9	570	6.4	0.2	3.3	-	11.1	16,17	-9.4	28,29	-	-	4.99	-	.57	5,9	29	26	2	2	0	0	0	1	12	17	0	-	-	
	Ballykelly ...	21-9	6	7.3	2.6	4.9	-0.7	13.4	17	-7.1	28	4.5	7.4	3.98	104	.53	1	26	20	6	0	7	0	0	0	6	12	1	1.32	105	
	Derrynoyd Forest ...	9 9	290	7.0	0.8	3.9	-	12.2	17	-7.8	29	-	-	7.86	-	.96	9	28	24	2	2	1	0	0	0	7	22	1	-	-	
	Somerset Forest ...	9 9	140	7.2	1.6	4.4	-	12.2	17	-7.2	28	-	-	5.31	-	.88	5	27	24	1	0	1	0	0	0	9	11	0	-	-	
	Garvey Forest ...	9 9	290	6.7	1.1	3.9	-	12.2	17	-5.6	28,29	-	-	6.23	-	.90	1	31	25	4	4	1	0	0	0	8	20	0	-	-	
	Moneydig ...	21-9	112	6.6	1.4	4.0	-0.7	12.4	17	-9.6	28	4.4	-	4.66	107	.67	1	29	24	7	2	5	3	0	0	1	8	11	1	-	-
Antrim																															
	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	4.17	112	.49	1	25	25	-	-	-	-	-	-	-	-	-	-	-	-
	Lisnafillan ...	9 9	124	6.9	-0.8	3.1	-	12.2	17	-12.2	29	-	-	5.13	-	.85	1	26	24	1	3	0	0	0	6	14	22	0	1.43	-	
	Aldergrove ...	21-9	225	6.2	1.0	3.6	-1.3	12.0	17	-9.0	28	4.4	7.7	4.36	-	.72	1	25	21	3	1	1	0	0	2	11	18	0	1.54	139	
	Greenmount ...	9 9	105	6.9	0.6	3.7	-	12.2	17	-6.7	27,29	4.0	-	3.99	-	.66	1	24	22	1	1	0	0	0	-	12	21	-	-	-	
	Parkmore Forest ...	9 9	770	5.1	0.3	2.7	-	11.1	17	-6.7	28	3.8	-	8.21	-	.82	5	29	27	7	10	0	0	0	0	10	25	0	-	-	
	Black Mountain ...	21-9	969	4.6	0.9	2.7	-	10.6	17	-5.6	28	-	-	6.38	-	.82	1	26	22	2	3	0	0	0	0	8	9	-	-	-	
	Ballypatrick Forest ...	9 9	500	6.6	1.3	3.9	-	11.7	17	-6.1	28	-	-	5.77	-	.83	1	29	25	1	0	6	0	0	0	6	11	0	1.21	-	
	Newtownabbey ...	9 9	105	7.7	2.2	4.9	-	13.3	17	-5.6	28,29	4.4	-	6.12	-	.71	1	24	22	3	0	1	0	0	1	5	13	1	1.75	-	
	Ballymoney ...	9 9	180	7.2	1																										



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1965

Table with columns: DISTRICT, COUNTY AND PLACE; Hour of Observation; MEAN PRESSURE; MEAN TEMPERATURE AND HUMIDITY; CLOUD AMOUNT (OKTAS); VISIBILITY; WIND, NUMBER OF OBSERVATIONS. Rows include locations like 2 ENGLAND, N.E., Norfolk, Suffolk, Huntingdon, Bedford, Hertford, Essex, and 4 MIDLAND COUNTIES.



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																					
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12)				DIRECTION																
										0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	3 or more	4	5	6	7	8	9	10	11	12	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
			ft.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	3 or more	4	5	6	7	8	9	10	11	12	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
7a ENGLAND, N.W.	G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%	Mean Amount	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	3 or more	4	5	6	7	8	9	10	11	12	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
Cumberland Carlisle	H	3 92	999.9	-	2.8	0.7	6.9	90	5.7	4	3	2	8	14	0	0	0	0	0	3	15	11	2	0	0	1	6	19	5	0	1	1	1	1	2	6	3	5	9	1	2	
Lancashire Squires Gate	H	3 35	1000.1	-	4.5	0.5	7.9	92	5.6	3	2	7	14	0	0	0	0	0	1	5	13	12	1	0	0	2	17	11	4	2	1	1	4	2	1	5	2	4	8	4	1	
Speke	H	3 85	1001.0	-	4.9	0.8	7.8	88	5.5	3	3	5	10	10	0	0	0	0	1	1	11	13	4	0	0	2	12	15	2	1	1	0	1	1	0	6	3	3	9	7	8	
Cheshire Ringway	H	3 251	1000.8	-	3.9	0.8	7.2	88	5.5	6	2	2	3	18	0	0	0	0	1	3	4	15	7	1	0	0	1	11	13	6	1	1	1	1	1	1	1	4	6	3	1	5
7b NORTH WALES		3 36	1000.8	-	6.0	0.4	8.9	98	5.4	4	4	4	1	18	0	0	0	0	0	1	8	10	11	1	1	9	10	9	2	3	0	1	3	6	6	6	6	4				
Anglesey Valley	H	3 36	1000.5	-12.4	6.4	0.4	9.1	98	6.7	0	1	5	11	14	0	0	0	0	0	1	6	12	9	3	3	7	13	7	1	2	2	0	1	6	8	9	2					
Caernarvon Bardsey I. L'e	H	3 63	1000.6	-	7.5	0.7	9.4	90	6.0	2	7	13	9	0	0	0	0	0	1	2	5	9	11	3	0	10	17	2	2	2	1	0	2	4	6	8	6					
8a SOUTH WALES		3 382	1002.2	-	6.2	0.6	8.7	89	5.6	2	7	1	6	15	0	0	0	1	0	1	9	6	11	3	0	7	13	10	1	1	0	2	0	11	5	7	4					
Cardigan Aberporth	H	3 382	1002.2	-	6.2	0.8	8.5	88	5.6	0	5	9	4	13	0	0	0	0	0	1	5	14	9	2	0	6	18	6	1	1	1	1	0	9	4	12	2					
Pembroke Milford Haven C. Board	H	3 128	1003.0	-	7.3	0.8	9.2	88	5.1	6	3	5	3	14	0	0	0	0	0	1	14	11	5	0	6	10	15	0	2	2	0	0	6	6	8	7						
Glamorgan Mumbles Head	H	3 123	1003.3	-	6.4	0.7	8.8	89	5.6	4	4	3	2	18	0	0	0	0	0	2	2	15	7	0	1	10	8	12	0	3	1	0	1	5	5	15	1					
Rhoose	H	3 225	1003.8	-	5.4	0.4	8.6	94	5.5	5	3	2	5	16	0	0	0	0	1	6	6	11	7	0	5	6	19	1	1	2	0	2	5	2	13	5						
8b ENGLAND, S.W.		3 74	1004.4	-	5.4	0.7	8.2	89	5.6	4	2	6	4	15	0	0	0	1	3	7	18	2	0	0	2	8	18	3	1	1	2	2	7	5	10	0						
Somerset Yeovilton	H	3 74	1004.2	-	5.8	0.8	8.3	87	6.1	0	2	8	12	9	0	0	0	0	0	2	14	15	0	0	1	12	13	5	2	1	2	1	4	2	14	0						
Dorset Portland Bill	H	3 35	1004.1	-	8.2	1.3	9.1	82	5.7	1	3	9	8	10	0	0	0	0	1	1	14	10	5	0	3	13	14	1	2	1	0	1	4	6	15	1						
Devon Hartland Pt.	H	3 306	1003.0	-	7.7	0.8	9.5	88	5.7	2	2	7	9	11	0	0	1	2	2	0	4	10	5	7	5	9	10	7	0	2	3	1	1	3	6	10	5					
Mount Batten	H	3 100	1004.9	-10.7	7.3	0.7	9.4	89	6.0	0	4	7	8	12	0	0	0	1	0	8	8	11	3	0	1	7	13	8	2	3	1	4	0	2	7	10	2					
Chivenor	H	3 23	1004.2	-	6.7	0.7	9.0	89	5.7	1	3	8	4	15	0	0	0	0	1	3	10	7	7	3	1	5	10	12	3	0	1	6	1	4	3	8	5					
Exeter	H	3 125	1004.7	-	6.1	0.7	8.7	90	5.9	0	5	5	10	11	0	0	0	1	0	2	5	12	11	0	0	5	10	13	3	2	0	3	4	2	7	7						
Cornwall St. Mary's, Scilly	H	3 199	1005.8	-8.9	8.7	0.9	10.0	87	6.1	0	3	8	11	1	0	0	1	2	8	7	4	6	3	2	16	11	2	0	1	1	2	1	3	7	12	4						
St. Mawgan	H	3 350	1005.2	-	7.5	0.9	9.3	88	6.5	2	1	4	7	17	0	0	0	0	2	6	8	10	5	0	11	10	8	2	0	1	2	1	7	6	9	3						
9 NORTHERN IRELAND		3 6	997.8	-	4.7	0.8	7.6	87	5.0	5	3	7	7	9	0	0	0	0	0	1	7	22	1	0	2	16	7	6	1	0	0	5	1	10	6	2						
Londonderry Ballykelly	H	3 6	997.3	-	5.1	0.9	7.7	86	5.8	0	4	5	16	6	0	0	0	0	0	1	3	12	15	0	0	16	11	4	3	0	2	1	4	8	8	1						
Antrim Aldergrove	H	3 241	999.0	-	3.4	0.4	7.4	92	5.5	3	6	3	15	1	0	1	1	0	2	7	12	6	2	0	2	8	21	0	1	1	1	3	11	8	4							
CHANNEL ISLES		3 360	1006.9	-	8.1	1.0	9.4	85	5.8	2	3	6	7	13	0	0	1	0	1	6	8	11	4	2	9	15	4	1	1	2	1	0	4	9	8	5						
Guernsey States Airport	H	3 360	1006.9	-	8.1	1.0	9.4	85	5.8	2	3	6	7	13	0	0	1	0	1	6	8	11	4	2	9	15	4	1	1	2	1	0	4	9	8	5						
		15 360	1006.5	-	8.4	1.1	9.5	85	6.3	0	0	9	12	10	0	0	0	2	0	6	7	13	3	2	12	12	5	0	2	2	1	1	5	4	12	4						
		21 360	1007.5	-	8.0	1.0	9.3	85	6.0	1	3	6	7	14	0	0	0	0	1	7	12	7	3	0	11	16	3	1	3	2	1	0	5	4	13	2						

H See Notes on Tables in the Introduction.

TABLE VIII—NUMBER OF DAYS IN DECEMBER, 1965 WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS.

STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.							STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.									
	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 -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°	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 -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	23	6	0	0	0	0	0	0	1	12	16	2	0	0	Edgbaston	1	8	19	3	0	0	0	0	0	0	5	20	5	1	0	
Stornoway	0	10	20	1	0	0	0	0	0	2	10	16	3	0	0	Kew Observatory	0	3	20	8	0	0	0	0	0	0	2	4	16	18	1	0
Craibstone	2	24	5	0	0	0	0	0	0	1	15	14	1	0	0	Hastings	0	2	19	10	0	0	0	0	0	0	5	19	7	0	0	0
Rothsay	0	6	24	1	0	0	0	0	0	0	4	24	3	0	0	Southampton	0	2	16	13	0	0	0	0	0	0	5	19	6	1	0	0
Renfrew	1	10	19	1	0	0	0	0	0	3	7	17	4	0	0	Stonyhurst	0	10	20	1	0	0	0	0	0	3	8	18	2	0	0	0
Eskdalemuir Observatory	2	18	11	0	0	0	0	0	0	2	4	6	18	1	0	Bidston	0	5	22	4	0	0	0	0	0	0	3	25	3	0	0	0
Douglas	0	2	26	3	0	0	0	0	0	0	5	18	8	0	0	Valley	0	0	29	2	0	0	0	0	0	0	4	11	16	0	0	0
Cockle Park	-	-	-	-	-	-	-	-	-	0	1	12	18	0	0	Falmouth	0	1	15	16	0	0	0	0	0	0	1	14	15	1	0	0
Gorteston	0	7	21	8	0	0	0	0	0	0	7	20	3	1	0	Aldergrove	1	7	21	2	0	0	0	0	0	2	7	20	2	0	0	0
Cambridge	1	5	19	6	0	0	0	0	0	2	9	16	4	0	0	Armagh	0	4	22	5	0	0	0	0	0	3	5	21	2	0	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, DECEMBER, 1965

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	35	4	2	16	17.1	31	24	1	2	16	13.7	31	43	4	2	16	18.7	31
Eskdalemuir Observatory	96	1	5	15	39.7	31	51	30	5	15	25.5	31	115	1	5	15	44.6	31
Cambridge	127	30	11	23	60.4	31	58	3	11	23	36.6	31	-	-	-	-	-	-
London (High Holborn)	107	6	6	17	49.0	31	50	1	5	9	32.8	31	109	6	8	9	51.7	31
Kew Observatory	120	1	10	9	55.1	31	54	21	10	9	35.6	31	133	1	12	9	59.8	31
Aberporth	111	28	10	17	53.3	31	67	1	10	17	35.5	31	-	-	-	-	-	-
Bracknell (Easthampstead)	129	1	9	9	58.3	31	60	20	8	9	36.4	31	136	1	11	9	64.5	31

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
Lerwick Observatory																		
1965 March													441					
August	645	10	53	21	310.1	31	329	4	53	21	210.2	31	795	10	76	21	398.3	31
September	424	1	33	25	210.3	30	215	9	33	25	134.5	30	541	1	41	25	264.7	30
Eskdalemuir																		
1964 February													254				113.8	
March													497		20		173.8	
1965 August									84								391.9	
Cambridge																		
1964 January			8						8									
Kew Observatory																		
1957 March													356	22	83		211.3	
April													547	29	113	9	320.8	28
May													916	28	-	-	480.4	27
June													908	16	297	19	668.6	30
July													665		284		468.8	
London (High Holborn)																		
1958 January	115							30					-	-	-	-	-	-
February													-	-	-	-	-	-
March													-	-	-	-	-	-
April							280					196.2						
May									157			253.1						
June							424		81			275.7	795	14			436.0	
July							397		116			266.9						
August							325					216.8	645	27	172	18	342.8	31
September							243					172.9						30
October						31	163					97.4	31					31
November				20														
Year					218.3	360	424			20		150.1	361					
1959 January																		
1960 March																		
June																		
1964 February				16														
1965 February					97.4							83.4	243				117.7	
April	523	18	120	4	292.1	30	294	29	115	4	186.8	30	616	18	127	4	343.7	30
May	660	13	103	28	371.1	31	375	21	82	28	218.5	31	782	13	109	28	441.3	31
Bracknell (Easthampstead)																		
1965 September										19			552		24		313.6	
October													417		44		210.4	
November			6		95.7				7			52.3		9			101.3	

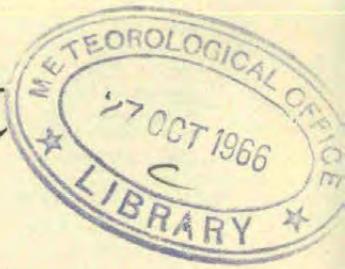
- Corrections:-
- Under Temperature in the text for May 1965 amend 28.9 at Kensington to read 29.4 at Camden Square.
  - Table I additions and corrections published in April 1965 refer to January 1965.
  - Table III additions and corrections published in September 1965 all refer to 1965 except for May 1963 at Scilly. Alwen (1100 ft) should read Aber (60 ft).

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49, High Holborn, London, W.C.1: 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazenose Street, Manchester 2; 35 Smallbrook, Ringway, Birmingham 5; 109 St. Mary Street, Cardiff; 50 Fairfax Street, Bristol 1; 80 Chichester Street, Belfast 1; or through any bookseller.

Monthly Parts Price 2s. 9d. net. Annual Summary 4s. 6d. net. Annual Subscription £2 3s. 4d. (inc. postage, introduction, summary).

# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE



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

Volume 82 Number 13

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown copyright 1966

### Annual Summary 1965

	Page		Page
REMARKS ON THE WEATHER OF THE YEAR .. .. .	193	TABLE IV Summary of Observations at Fixed Hours .. .. .	206
MONTHLY WEATHER CHARTS:		TABLE V Warmest Day and Night and Coldest Day and Night at each station .. .. .	209
Mean Pressure at 0900 G.M.T; Bright Sunshine;			
Mean Air Temperature; Anomaly of Mean 1 ft.			
Earth Temperature .. .. .	195	TABLE VI Monthly Frequencies of Sunshine for 20 stations .. .. .	212
Rainfall .. .. .	196		
TABLE I District Values for the Year .. .. .	200	TABLE VII Number of Days in 1965 with Rainfall between given limits .. .. .	213
TABLE II (see Table IX) .. .. .	213	TABLE VIII Number of Days in 1965 with Maximum and Minimum Temperatures between given limits .. .. .	213
TABLE III Summary of Observations of Temperature, Rainfall, Sunshine and Weather for the Year .. .. .	200	TABLE XIII Solar Radiation and Illumination for the Year .. .. .	218
		WIND SECTION	
TABLE IX Summary of Autographic Records of Wind .. .. .	213	TABLE XI Occasions of "strong gales" in 1965 .. .. .	215
TABLE X Monthly Frequency of Gusts .. .. .	215	TABLE XII Dates of Gusts of "whole gale" force .. .. .	217

## REMARKS ON THE WEATHER OF THE YEAR

*1965—Cold, dull and rather wet*

Apart from a sunny January and a very dry February and October, weather was mostly cold, dull and wet during 1965. In England and Wales it was the fourth successive year with temperature below the average and the first year with rainfall above average after four consecutive dry years.

In England and Wales both temperature and sunshine were below the average while rainfall was above average during April, June, July and September. In Scotland summer and early autumn followed a similar pattern but sunshine was above the average in April. Spring and Autumn contained some warm sunny days, notably at the end of March, at the beginning of April, in mid-May and during October. There was a very cold spell and heavy snowfall in the north during the last two weeks of November, but the severe weather did not extend into December.

The year contained many unusual features. January was wet with sunshine above average and this rather unusual combination for the time of year was repeated in December. Both February and October were unusually dry, 1965 being the fourth successive year with rainfall below the average in England and Wales during each of these two months. March was remarkable for its large temperature variations, air temperature ranging from  $-21.7^{\circ}\text{C}$  (which was also the lowest temperature recorded during the year) to  $25.0^{\circ}\text{C}$  which equalled the highest previously recorded March temperature for the United Kingdom. In May, the first month of the year with mean temperature above the average in England and Wales and in Northern Ireland, afternoon temperatures were higher than at any other time during the year, even during the summer months. Rainfall during September stood in sharp contrast to that of October for whereas in England and Wales there has been only one September, that of 1918, with substantially more rainfall since 1900, it was the driest October, except that of 1947, for more than 150 years. November will be remembered for the unusually early blizzards and heavy snowfall in northern England and the exceptionally cold spell around mid-month.

### Synoptic Features

Over the year as a whole weather was more frequently cyclonic in character than anticyclonic, an estimated 208 days against 157. Apart from February and October, when cyclonic activity was almost entirely absent, most other months had 18 days or more of cyclonic weather, December being the month of most frequent activity followed closely by September.

The estimated number of days of weather of a predominantly cyclonic character each month during 1965 in the United Kingdom is given below after an initial letter indicating the month.

J 18, F 0, M 19, A 20, M 19, J 18, J 23, A 18, S 25, O 0, N 21, D 27.

The main features of each month were as follows:

#### January-March

An anticyclone moving southwards off the west coast of the British Isles dominated the weather during the first week of January, but troughs of low pressure from the Atlantic gave predominantly cyclonic weather on the 7th-17th as they moved eastwards across the country. The remainder of January was mainly anticyclonic as also was the whole of February with well developed anticyclones to the north of, or covering, the British Isles. March weather in contrast was mainly cyclonic in character except for the periods 6th-11th and 26th-31st.

#### April-June

April too was mainly cyclonic, apart from anticyclonic spells during the first week and 22nd-24th, and the cyclonic weather continued for the greater part of May except for anticyclonic spells in the second week and again towards the end of the month; the last spell continuing until June 11th, apart

from a short break on the 5th-8th. From the 12th onwards a sequence of depressions from the Atlantic maintained mainly cyclonic weather for about two weeks, but pressure rose sharply on the 26th and during the last few days of the month a ridge of high pressure from the Atlantic extended over most of the British Isles.

#### July-September

The anticyclonic weather at the end of June lasted until 6th July but thereafter weather was mainly cyclonic in character except on the 15th-17th when a ridge of high pressure moved slowly across the country. The cyclonic weather gave way on August 6th to an anticyclone which moved from the Atlantic across the British Isles to become established over Scandinavia, but was resumed on the 18th and persisted for most of the rest of the month and most of September, except for the 13th-14th when a ridge of high pressure moved slowly eastwards across southern England, and the 19th-21st when most of the British Isles came under the influence of an anticyclone which intensified as it moved from the Bay of Biscay to Germany.

#### October-December

Weather was predominantly anticyclonic throughout October but in November it was mainly cyclonic in character except on the 4th-6th when an anticyclone moved slowly eastwards across the country, and on the 10th-15th when a ridge of high pressure extending from an anticyclone over Scandinavia covered most of the British Isles. The cyclonic weather continued throughout most of December but was broken on the 20th-21st by an anticyclone moving from the west of Ireland to northern France and also on the 27th-28th by a ridge of high pressure spreading from the Atlantic over most of the British Isles.

#### General Weather

##### January-March

January was a sunny month but with stormy periods. It began bright and cold with northerly winds and scattered wintry showers, but milder southwesterlies reached Scotland on the 4th and spread slowly southwards during the latter part of the first week. About ten days of stormy weather followed. Gales were severe at times, and prolonged and heavy rain led to widespread floods in Wales and the Lake District. The stormy weather was followed by heavy falls of snow during the latter part of the third week, and from the 22nd easterly winds maintained dull weather with wintry showers in eastern districts.

The first 10 days of February were mainly dry and cold with light northerly winds, apart from wet, relatively mild weather on the 4th and 5th. Milder westerly weather on the 11th was followed by two stormy days with widespread rain, heavy at times, and with snow in the north. During the latter half of the month temperatures were considerably below normal with north-easterly winds bringing scattered wintry showers and bright intervals to most districts.

The very cold weather with easterly winds at the end of February continued during the first few days of March with temperatures in many districts as much as 5°C below normal. Snowfall was frequent and in parts of southern and central England was piled into drifts 6-10 ft deep by strong to gale force winds. The 6th-10th was generally sunny and mild with rather variable winds, but thereafter for nearly two weeks weather was unsettled with heavy rain at times. Cold easterly winds brought renewed snow to the north on the 20th-26th, but in contrast to its cold beginning, the last few days of the month were exceptionally warm with afternoon temperatures exceeding 21°C in many districts on the 28th and 29th in almost unbroken sunshine.

##### April-June

The warm sunny weather continued into early April, but rain spread slowly eastwards across the country on the 4th and was rather persistent in south-east England on the nights of the 6th/7th and 7th/8th. Showery weather with mainly westerly winds predominated during the second week but the 9th and 10th were wet. The latter half of the month was changeable. A sunny day on the 16th, which was preceded by rain, gave place to stormy weather with widespread rain and gales, but northerly winds following the gales brought snow showers to eastern districts on the 19th-21st. From then until the 28th weather was generally showery, but the 23rd was wet and rain was rather persistent in the south-west on the 24th and 25th.

May was unsettled during the first week, but a notable feature of the month was the fine warm weather during the second week with afternoon temperatures in many places reaching 25°C. The warm spell, which continued in the south-east until the 16th, was followed by about nine days of mostly cool unsettled weather with snow in the north, although the 20th and 21st were sunny and warm in the south. Northerly winds brought cool dull weather to most districts during the remainder of the month, although there were sunny periods in sheltered western areas.

June 1st was cool, but the 2nd and 3rd were sunny and warm with more than 14 hours of sunshine daily in many places. Nearly a week of dull wet weather followed, but the 9th-11th was again warm and sunny. Southwesterly winds brought a period of unsettled weather which lasted in most districts until the 25th, the 15th-18th being particularly wet and the night of the 17th/18th very stormy. The month ended with five days of generally sunny weather and progressively increasing day temperatures.

##### July-September

July 1st continued fine but during the next four days northerly winds brought progressively colder weather with scattered showers. The 6th and 7th were dull and wet and there were scattered thunderstorms in southern England on

the 7th, but cold showery weather with sunny periods returned on the 8th and 9th. The next five days were very wet with some unusually heavy falls of rain locally, but on the 15th winds veered from south-west towards the north and skies cleared in Scotland, mainly fine sunny weather spreading to the rest of the country on the 16th and 17th. Thundery showers characterised the weather during the remainder of the month, there being some noteworthy thunderstorms on the 20th and 21st and more prolonged rain on the 28th and 29th. Snow fell on some of the higher ground in Scotland on the 30th and 31st.

August began with cool south-westerly winds and showers, but the 3rd was sunny and dry and this mainly dry weather persisted in south-east England for nearly two weeks though there were periods of heavy rain in the west and north on the 4th-6th. Weather became dry and sunny almost everywhere on the 7th and by the 10th a warm southerly airstream spread over the British Isles bringing a spell of fine weather, with progressively rising temperature, to most districts. Rain spread from the west on the 18th becoming heavy locally in the south-east late on the 19th and 20th, but the next few days were changeable with scattered thunderstorms. After a stormy day on the 24th the remainder of the month was generally sunny, but there was rain in the south on the 26th and thunderstorms in south-east England on the 29th and 31st.

September opened with a spell of cold wet weather in a northerly airstream which lasted until the 12th; there were good sunny periods in south-east England on the 4th-7th, but weather was particularly stormy on the 8th. The 13th and 14th were sunny but rain-belts crossing the country on the 15th and 16th heralded the passage of one of the deepest depressions to cross England and Wales during September in recent years. The only sustained spell of warm sunny weather of the month followed this disturbance on the 19th-23rd. The remainder of the month was very unsettled and wet.

#### October-December

The first two or three days of October continued unsettled but on the 4th south-easterly winds brought warm dry weather from low latitudes which continued until the 7th over most of the country, but overnight fog persisted all day in some places. Winds backed to east on the 8th, and temperatures fell to more normal levels, but weather remained generally dry and sunny except in some south-east coast districts. The dry weather was interrupted by a belt of rain crossing the country on the 14th but otherwise lasted in most districts until the 25th. The last few days of the month were stormy and rather wet.

November 1st was also stormy but the next two days were showery with moderate northerly winds, and these were followed by three quiet rather foggy days. Weather became milder on the 7th-11th with periods of heavy rain in southern and western districts, but on the 12th freshening easterly winds brought a bitterly cold spell which lasted in most areas until the 16th. The next five days were unsettled and a little milder in the south with heavy thunder showers, but in the north it remained cold with occasional snow. These wintry conditions spread back over southern districts again on the 22nd as winds backed towards the north. The last week of the month was stormy with periods of heavy snow in the north and heavy rain at times in the south.

December began bright and cold with most of the ground snow-covered from Derbyshire northwards. The night of the 1st, however, was wet, and there was considerable rain on the 4th and 5th, but the first week ended with two sunny days. The second week was milder and began wet. After two stormy days with gales and heavy rain, north-westerly winds brought scattered showers on the 10th and 11th but the heavy rain of the previous two days, coupled with a rapid thaw, led to widespread floods. The mild, wet weather continued into the third week and heavy rain about mid-week caused renewed flooding. It was cooler and drier on the 19th-21st but then mild and rather wet until Christmas day when northerly winds brought snow showers to parts of Scotland. Weather then became fine and cold but after a stormy day on the 29th the month ended with temperatures about 5°C above average.

#### Pressure and Wind

Over the year as a whole mean pressure at 9h over the United Kingdom was more frequently below than above the average. It was below the average in all districts in January, April, June, August, September and December, and was mainly below the average during March, May, July and November though pressure was above the average in some northern districts. During February and October pressure was considerably above the average in all districts, the excess being as much as 22 mb at Stornoway in February and 7 mb at Lerwick in October.

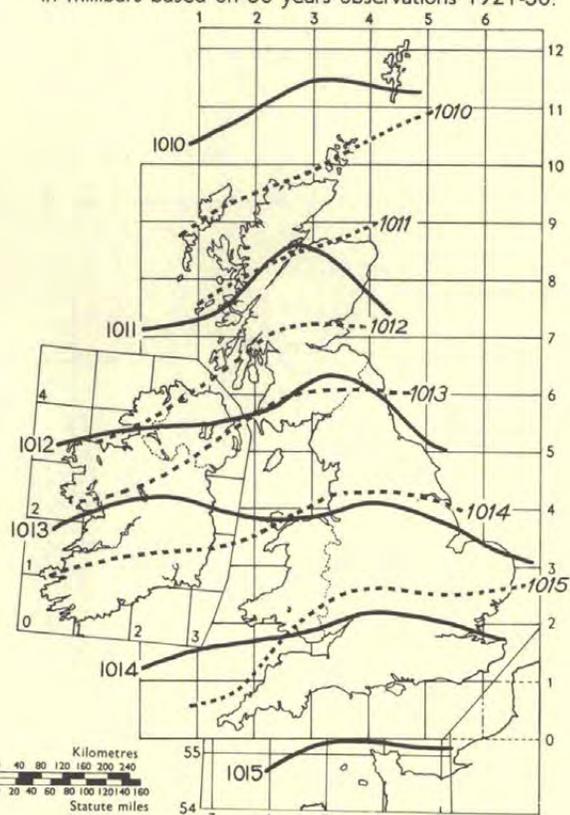
An indication of the general surface wind direction over the United Kingdom has been given in the section on "General Weather", from which it may be seen that winds from a northerly or easterly direction predominated during the first and last few days of January, during the whole of February and the first half of March and also during most of October and November. Winds were mainly from a north-westerly to westerly direction, or variable, during most of January, June-September (except the first weeks of July and September) and during December.

The approximate numbers of days with surface winds from different directions in 1965 were: - Northerlies 76, between north-east and south 59, between south and north-east 121, and variable 109.

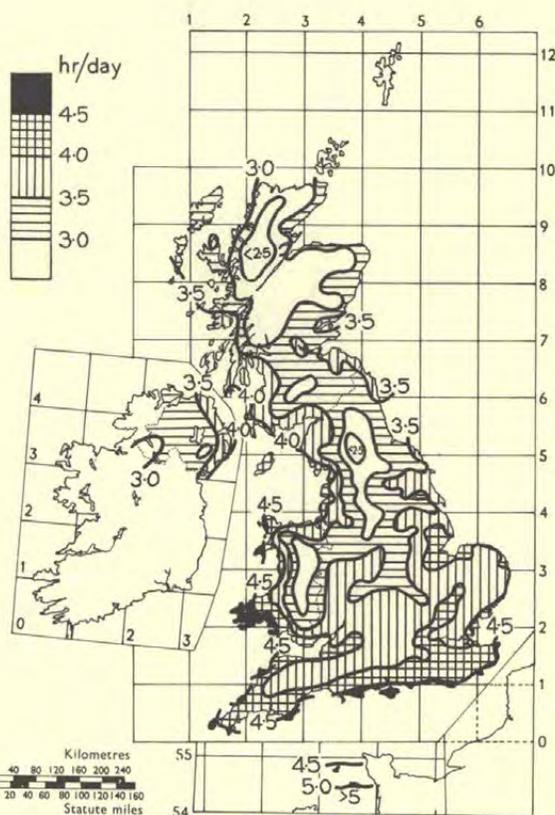
Surface winds reached gale force more frequently in Scotland than in England and Wales in every month except July and November, and taking the United Kingdom as a whole, gales were most frequent during January, November and December, and least frequent in July. In Scotland wind reached gale force on 20-22 days in January, November and December, on 15-20 days in March and September, on 11-13 days in April, June, August and October, on 8-9 days in February and May and on 3 days in July. In England and Wales gales

## 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.

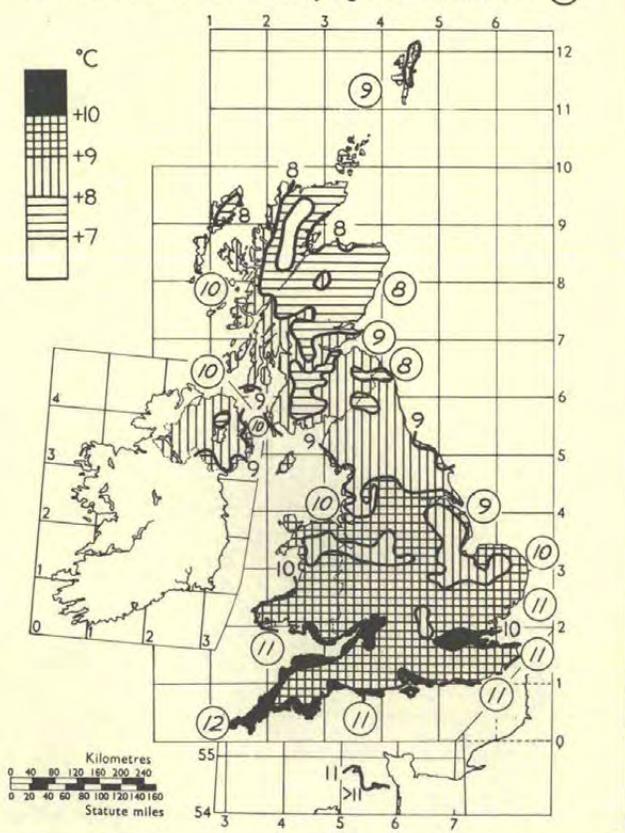


## BRIGHT SUNSHINE

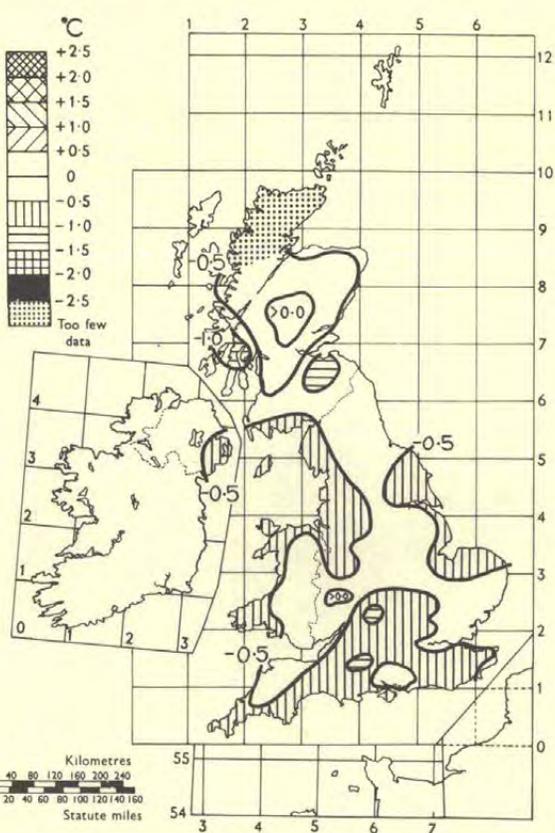


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 1°C. for 500 ft. Sea temperatures are shown by figures in circles thus (10)



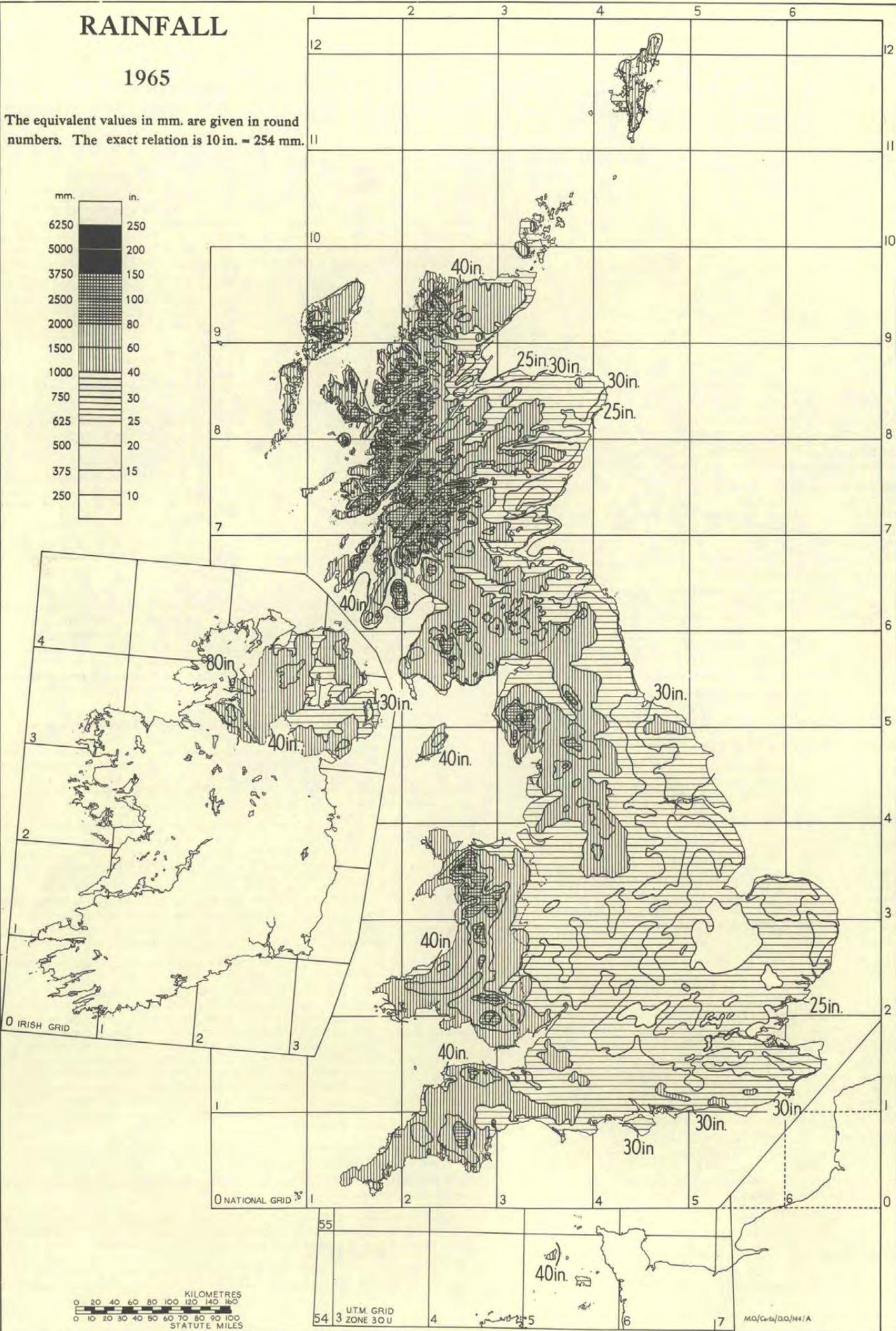
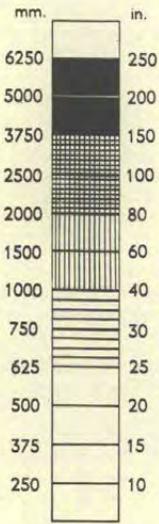
## ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



# RAINFALL

## 1965

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



were reported on 20-21 days in November and December, on 15 days in January, on 11-12 days in March and April, on 7-9 days in May, June, August, September and October, and on 5 days during February and July.

#### Highest Gusts

Gusts of 70 kt and over were recorded in every month except May to August inclusive, and of 85 kt and over in November, January and February. A gust of 102 kt was recorded at Lowther Hill on November 1st and gusts of 94 and 92 kt were recorded respectively at Great Dun Fell on January 14th and at Dounreay on February 13th. Gusts reached 89 kt at Great Dun Fell on January 13th, 88 kt at Portland Bill on January 17th and 87 kt at Lowther Hill on February 13th.

#### Temperatures

Over the year as a whole mean temperatures were generally below the 1931-60 average, the deficit being 0.7°C in England and Wales where it was the fourth successive year with temperature below the average, 0.7°C in Scotland and 0.8°C in Northern Ireland. Except for May and October mean temperatures were below the average in every month in England and Wales and also in Northern Ireland; in Scotland they were a little above the average in February, June and October but during the other nine months of the year they were below average.

In England and Wales the Summer (June-August) and Autumn (September-November) seasons were the coldest since 1954 and 1952 respectively but in Scotland the Summer of 1962 was as cold. July 1965 was the coldest July this century apart from 1922 which was a little colder in England and Wales.

However, four warm spells are worthy of note when temperature for a few days was 5°C or more above the average—around March 29th (10°C above), May 13th (10°C above), August 13th (5°C above) and October 5th (8°C above).

Night frosts were unusually severe during the first week of March, and in northern districts during the third week of November.

The highest and lowest air temperatures of the year in England and Wales, in Scotland and in Northern Ireland were all recorded during the Spring (March-May) except for the absolute maximum temperature in Scotland which occurred during July. Temperature reached 25°C at the end of March equalling the highest temperature in July 1965 and also the highest March temperature previously recorded in England and Wales in 1929.

Extremes included: (England and Wales) 28.9°C at Kensington Palace on May 14th, -21.7°C at Corwen on March 3rd; (Scotland) 26.1°C at Fort William on July 20th, -20.0°C at Braemar on March 2nd; (Northern Ireland) 24.6°C at Ballykelly on May 13th, -12.8°C at Newry Abbey on March 2nd.

#### January-March

January temperatures were a little below average in England and Wales, milder periods during the second and third weeks, with afternoon temperatures 5°C above average in places, being offset by cold spells at the beginning and end of the month. In England and Wales too the warmest days were around the 11th and the coldest nights around the 3rd/4th. In Scotland night temperatures were considerably below average during the second half of the month, the coldest night being the 31st.

During February day temperatures in England and Wales were mainly below the average especially in eastern districts. They were a little above average around the 7th, 12th and 17th but remained below average from the 17th until the end of the month. In Scotland day temperatures were mainly above average except during the first and last few days of the month.

The outstanding feature of March was the great difference between the maximum day temperatures at the beginning and end of the month; at many places they ranged from 0°C (8°C below average) during the first week to 22°C (12°C above average) around the 28th. Night frosts were widespread and unusually severe during the first week; on the mornings of the 2nd and 3rd temperature at Carlisle and Aberdeen fell to -16°C. On the 29th temperature at Wakefield rose to 25°C equal to the highest temperature previously recorded in the British Isles during March.

#### April-June

In April day temperatures were above average during the first week, being about 7°C above average around the 2nd, but were mainly below average during the remainder of the month, except around the 15th in southern England and around the 29th in Scotland. On the 1st the diurnal range of air temperature exceeded 22°C at a number of places in Scotland.

A noteworthy feature of the temperature during May was the warm spell during the second week when maximum temperatures in some places were as much as 10°C above the average around the 13th. Otherwise, day temperatures were near the average except around the 5th, the 18th and during the last four or five days of the month when they were 4-8°C below average.

During June the warmest days in England and Wales were around the 4th, 9th-15th and during the last two days of the month. In Scotland there were only a few really warm days with temperature above 20°C, mainly around the 9th and 29th. The coldest nights occurred during the first week; air frost was recorded in parts of North Wales on the 2nd and in East Anglia on the 4th.

#### July-September

Day temperatures were below the average over most of England and Wales throughout July except for a short period around the 19th. The coldest period

in England and Wales occurred towards the end of the first week and in Scotland during the last week of the month.

Day temperatures were mainly below the average during August, the coldest days being at the beginning and at the end of the month, but were above the average for about a week from the 10th. The warmest days were around the 13th when temperatures were about 5°C above average.

Day temperatures were below average during most of the first two weeks of September, the deficit being 6-7°C at many places around the 9th. For a few days around the 21st afternoon temperatures were above the average but were mainly below average again after the 25th. The nights 15th/16th and 24th/25th were unusually mild.

#### October-December

Day temperatures were highest during the first week of October, being as much as 7-8°C above average in some places on the 5th-7th. They were also about 4°C above average during the fourth week but air frost was recorded at many places during the third week and ground frost was widespread. In Scotland air temperature fell below -6°C at a number of places early on the 24th.

It was the coldest November since 1952 in England and Wales, and Scotland had its coldest November since 1925. Mean temperatures were exceptionally low in southern England around mid-month. The only really mild spell of the month was on the 7th-10th when day temperatures at some places were 3°C above average.

December mean temperature was a little above average in south-west England but below average in the north, especially in northern Scotland. Day temperatures were mostly above average apart from the first week and two very cold days towards the end of the month.

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

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
a	-0.1	-0.7	-0.6	-0.3	+0.2	-0.2	-2.1	-1.0	-1.5	+0.8	-2.1	-0.2	-0.7
b	-0.6	+0.2	-0.9	-0.2	-0.2	+0.2	-2.4	-1.0	-0.7	+0.5	-2.5	-1.6	-0.7
c	-1.1	-0.8	-0.9	-0.2	+0.3	-0.1	-1.8	-1.0	-1.4	+0.7	-2.3	-0.9	-0.8

#### Precipitation

Over the year as a whole rainfall expressed as a percentage of the 1916-50 average was 110 in England and Wales, 100 in Scotland and 104 in Northern Ireland. The number of rain days was 10 more than the annual average in England and Wales, 5 more in Northern Ireland but 4 less than the average in Scotland. In England and Wales the difference from average number of rain days ranged from an excess of 23 days in the north-east to a deficit of 10 days in the north-west; in Scotland it ranged from an excess of 16 days in the east to a deficit of 17 days in the west.

In England and Wales rainfall was below the 1916-50 average in parts of south-east England, the south-west Midlands, south-west Wales, north-west England and the North Riding of Yorkshire. It was more than 110 per cent of the average over much of the central and northern Midlands, the Thames Estuary, the coastal areas of East Anglia and east and north-eastern areas of England north of Yarmouth except the North Riding of Yorkshire. More than 130 per cent of the average occurred in parts of Derbyshire.

In Scotland rainfall was below the average over south-western districts and over much of the country north of the Firth of Forth except the coastal regions from Rattray Head to the Moray Firth, the northern part of Inverness-shire, the western part of Ross and Cromarty and the southern parts of Sutherland and Caithness.

In Northern Ireland amounts were below the average over the western parts of Londonderry, Antrim and Down and the eastern part of Armagh. Rainfall was more than 110 per cent of the average over the south and south-east of the Province and locally in the eastern parts of Londonderry, Antrim and Down.

After four successive years with rainfall below average, the rainfall during 1965, in spite of a very dry February and October, exceeded the 1916-50 average. In England and Wales September and December were particularly wet months both having more than 180 per cent of their average amounts. Although rainfall was slightly below the average in August, the Summer (June to August) was the wettest in England and Wales for seven years. Intense thunderstorms of the type which may lead to urban flooding were less frequent than usual during the summer. River flooding, however, was more frequent than usual during 1965 and led to widespread and damaging floods near the south coast and in the New Forest during January, in the Midlands aggravated by rapidly thawing snow during March, in south-east and central England during June, in many widely scattered parts of the country during July and September and in northern England in December.

Very intense falls in short periods, usually associated with thunderstorms were mainly confined to July and included:-

A fall classed as "Very Rare" on July 14th when 2.72 in. fell in 105 min at Port Isaac, Cornwall.

Falls classed as "Remarkable" on July 14th when nearly 3 in. fell in 2 hours at Wadebridge, Cornwall, on July 20th when 1.15 in. fell in 18 min at Stansted, Essex, and on July 20th when 1.60 in. fell in 45 min at Kensington Palace, London.

*January-March*

During **January** rainfall was above the average in southern England and northern Scotland, but elsewhere amounts were mainly below average. The driest periods were about the 1st-4th, 18th-20th and 26th-31st in northerly or easterly airstreams. Falls exceeding 3 in. were recorded on the 9th, 10th and 13th which were very wet days in most districts; Burn Banks, Westmorland recorded over 4 inches on the 10th.

**February** was an exceptionally dry month. In south-west England there was no measurable rain from the 13th until the 27th and rainfall over the month was only 4 per cent of the average. Eastern England had a higher percentage of its average rainfall, 56, than any other district, closely followed by northern Scotland with 54 per cent.

**March** was rather wet over the eastern half of England and in the south but rainfall was below average in north-west England and northern Scotland. Northern Ireland, however, had more than 140 per cent of its normal amount. Wick had its driest March since 1921.

*April-June*

**April** rainfall was below the average in the Midlands and southern England but was generally above the average elsewhere. Daily amounts exceeded 2 inches at a number of places in Wales and north-west England on the 9th and in south-west Scotland on the 16th. At Achnashellach it was the wettest April for 15 years.

In **May** rainfall was above the average in north-west England and northern Scotland, but about or a little below the average elsewhere. The 8th was a very wet day with falls of more than an inch in parts of east and south-east England and of more than 2 inches locally on the Welsh mountains. The 10th-13th was dry almost everywhere.

**June** was a wet month with more than average rainfall in all but north-eastern districts; parts of Anglesey, the East Midlands and the Southern Uplands of Scotland had more than twice their average amount. During a heavy storm on the 13th 0.46 inches of rain fell at Manston in 10 mins. The 15th-17th was also a very wet period with rainfall exceeding two inches on each day in parts of Scotland and Wales. It was the wettest June at Hastings since 1879.

*July-September*

**July** rainfall was above the average generally except in the north and north-west; in the Shetlands there was little more than half the usual amount, but parts of south-west England had more than double the average. The 11th-14th was a particularly wet period; on the 13th many places in Cheshire, Lancashire and the West Riding of Yorkshire recorded more than 3 inches of rain, and on the 14th Trelights and Wadebridge (Cornwall) both had 5½ inches. It was the wettest July at Newquay for 20 years.

Rainfall was rather below the average during **August** except in parts of Scotland and eastern England. The first week was rather wet with more than 2 inches of rain at many places on the 2nd and the 4th; the rain led to flooding in south-east England on the 2nd but on the 4th the rain was heaviest in the west and north-west. The second and third weeks were mostly dry, places as far apart as Bristol in the west and Gorleston in the east having no measurable rain for nearly two weeks.

**September** was an unusually wet month, the wettest September in England and Wales since 1927. Most of the eastern half of England had more than twice its average rainfall, and more than three times the average was recorded around the Isle of Sheppey, in the lower Trent and Don Valleys and on the Yorkshire Wolds. The only sustained dry spell during the month was around the 19th-24th. Rainfall in Northern Ireland was only 8 per cent above the average.

*October-December*

**October** was an exceptionally dry month in England and Wales, the driest October, except for 1947, since 1809. Rainfall was less than 15 per cent of the average in parts of Devon and north-west England. It was 93 per cent of the average over northern and western Scotland and exceeded the average locally around Carlisle. In Scotland rain was mainly confined to the beginning and end of the month and to the 13th-16th; near Ardgour more than 10 inches of rain fell during the last six days of the month.

**November** rainfall was below the average over most of Wales, over the southern parts of the Midlands and East Anglia and over the eastern parts of Sussex and Kent. It was more than twice the average in eastern coastal districts north of the Wash and more than three times the average locally in Northumberland and Durham. In Scotland rainfall was above the average in the extreme north and in the north-east and south-east, but mainly below the average elsewhere.

During an unusually wet **December** rainfall was more than twice the average over the greater part of Wales and the English Midlands and also over parts of Devon, Norfolk and Suffolk; it was more than three times the average locally in Staffordshire, but below the average in parts of north-east England. In Scotland it was below the average over a wide belt extending from the Firth of Tay to Wester Ross.

*Thunder*

Thunder was more frequent in England and Wales than in Scotland in every month, except February, when England and Wales had more than Scotland. In England and Wales it was heard most frequently in July—on 17 days; April, August, September and November had 13-14 days, May and June 10-12 days,

January, March and December 8 days. In Scotland thunder was heard most frequently in May (14 days) and more frequently during November and December (11 days each) than during the summer. Of the remaining months April had 11 days, June and July 9, August, September and October 4-6, and January, February and March 2-3.

*Snow*

One of the outstanding features of 1965 was the unusually early snowfall over England and Wales in late November when blizzards and deep snow drifts isolated many villages in the northern parts of the country. Another noteworthy feature was the unseasonable summer snow in Scotland with falls observed on higher ground at the end of July.

Snow or Sleet fell at one place or another in England and Wales every month from January to May and during November and December. In Scotland snowfall was also observed during July and October. Ground was snow-covered at times somewhere in England and Wales from January to March and in December; in Scotland there was snow lying also during April, May and November.

In **January** snow or sleet fell at one place or another in Scotland every day. In England and Wales there was some snow during the first four days of the month mainly in the east and north-east; but the main falls occurred around the 19th-22nd and 26th-28th and in parts of the north-east there was snow most days from the 12th. Ground was snow-covered every day in parts of Scotland and in many parts of north-east England on the 3rd-5th and on the 27th-30th; undrifted snow lay 4 inches deep at Hull on the 4th and 11 inches deep at Ushaw on the 29th. In the Midlands and central southern England ground was snow-covered around the 19th-22nd as well as towards the end of the month; at Buxton it lay 10 inches deep on the 21st and 22nd and 4 inches deep on the 29th, and at East Grinstead and Chiseldon it was 2 inches deep on the 22nd.

Snow or sleet was reported from Scotland on 16 days during **February**, ground being snow covered on 19 mornings. In England and Wales it was reported at one place or another every day from around the 14th and ground was snow-covered to a depth of 1-2 inches on the 20th. Snow-cover during the first four days of the month, in places as far south as Dartmoor, was mainly due to snowfalls during the latter part of January.

Snow or sleet fell during **March** on 26 days in Scotland, ground being snow-covered somewhere or other on 22 days. In England and Wales it fell on the 1st-9th and 19th-26th (17 days). Parts of northern England were snow-covered on the 1st-9th and 20th-24th; on the 1st and 2nd undrifted snow lay 9-12 inches deep locally in Co. Durham; snow extended to the Midlands on these dates and lay locally to a depth of 6-8 inches there on the 21st-22nd. Much of south-east England was snow covered during the first 8 days of the month and snow was 3-6 inches deep in many places on the 4th-6th.

In **April** snow or sleet was reported at one place or another in Scotland on 23 days and lay on the ground locally on the 12th and 19th. In England and Wales snowfall was mainly confined to the 18th-20th but parts of the Midlands had 10 days, and ground became snow-covered locally in north-east England and the Midlands on the 19th.

Scotland had 23 days of snow or sleet during **May**; there was snow lying locally on the 17th and 18th. Elsewhere snow showers were reported as far south as East Anglia on the 18th and 19th.

During **July** snow or sleet was reported from the Cairngorms in Scotland on the 3rd, 27th and 29th, ground being snow-covered above 3,000 ft on the 30th and 31st.

The first snows of the winter season were reported from Scotland on the 28th-31st of **October**.

One of the most noteworthy features of **November** was the heavy snowfall in north-eastern England during the last week. Scotland had 24 days with snow or sleet and England and Wales 18 days. It was reported at a few places in Scotland during the first week and in England and Wales towards the end of the second week, but during the second half of the month snow was widespread and heavy at times both in Scotland and over the northern half of England. Towards the end of the month ground was covered with undrifted snow to a depth of 3-6 inches over much of the north Midlands, 12 inches in Co. Durham and Northumberland and 22 inches locally in the Durham area.

At the beginning of **December** snow lay 6-12 inches deep over much of northern England; over higher ground near Buxton and Malham Tarn it was 12-18 inches deep. In north-east England further falls on the 2nd locally increased the undrifted depth from 17 to 19 inches. Except in the extreme north of England, and over higher ground, most of the snow had gone by the end of the first week, but at Malham Tarn ground was snow-covered until the 15th. During the cold spell towards the end of the month occasional snow fell from the 25th until the 29th and lay 1-2 inches deep in some places in northern England, Wales and Devon on the 28th and 29th, and up to 9 inches in Shetland.

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	105	27	127	104	101	129	122	89	187	33	114	181	110
b	102	39	92	120	106	137	110	95	135	85	79	110	100
c	120	17	141	125	107	140	80	100	108	77	115	127	104

### Sunshine

The general sunshine over the year as a whole, expressed as a percentage of the 1931-60 average was 94 over England and Wales, 93 over Scotland and 87 over Northern Ireland. Sunshine was generally below average in all these divisions of the United Kingdom in February, May, June, July and September and above average in January, March, November and December. In Northern Ireland sunshine was below average in every month, except March, from February to October. In England and Wales it was little more than half the average during February and below average (except for being a mere 1 per cent above in August) from April to September.

Periods of more than two or three days of uninterrupted sunshine over the major part of the country were rare. Over England and Wales three such periods may be noted:- March 28th-April 3rd, May 10th-14th and October 18th-26th.

January was an unusually sunny month, only a few places in western districts having less than their average sunshine. Bunhill Row and High Holborn in Central London had more than twice their average amounts, while in Scotland Onich and Helensburgh recorded 190 per cent of their average. At Paisley it was the sunniest January since 1895.

February, on the other hand, was rather a dull month with sunshine deficits in England and Wales greater in the north-east and Midlands than in western districts, percentages ranging from just below 30 per cent at Scarborough to a little above 90 per cent at Exmouth and Weymouth. In Scotland large deficits were reported from eastern and northern areas while there were local surpluses in the central belt and in the mid-west. At Stornoway it was the dulllest February since 1903.

March sunshine was mainly above the average in England and Wales except for a few places near the east and south coasts; percentages ranged from about 150 at Huddersfield to just over 80 at Sprowston. In Scotland, there were deficits at stations on the east coast from Aberdeen to the Firth of Forth and appreciable surpluses around Auchincruive and Dumfries. The last few days of the month were sunny over much of the British Isles; on the 29th Hampstead recorded 11.5 hours, the greatest amount in any March day since sunshine records began there in 1910.

During April sunshine in England and Wales was a little below the average; some of the sunniest parts were to be found in the north-east and sunshine was mainly above the average in the west, but in the east and south-east weather was generally dull. In Scotland sunshine was above average in all areas. Nairn reported the greatest excess, 39 hours, and Marchmont followed closely with 36 hours above the average. At Perth there has not been a sunnier April since 1942 though a similar total was recorded there in April 1962.

May was a dull month nearly everywhere. In England and Wales percentages ranged from just over 100 at Luton, which was the only place to record more than average sunshine to about 75 at Bude. In Scotland deficits of more than 50 hours were almost general. At Inverness and Fortrose May sunshine totals have been lower since 1911.

The generally dull weather continued into June. In England and Wales a few places in the north and west had more than their average sunshine but most places recorded from 80 to 95 per cent. Percentages ranged from about 110 at Sutton Bonnington to about 70 at East Malling and Swansea. In Scotland some western coastal districts and parts of the Southern Uplands had deficits of between 40 and 70 hours, and weather was all very dull generally in the north-east. Fortrose had its dulllest June since 1916.

July sunshine was mainly below the average in England and Wales, percentages being mostly between 50 and 70 in the east and 70 and 90 in the west. In Scotland sunshine exceeded the average by as much as 20 hours at a number of places in the north-west but deficits of 40 to 70 hours were recorded near the east coast south of Aberdeen. At St. Andrews it was the dulllest July since 1931.

During August sunshine in England and Wales was about average but slightly below in Northern Ireland. In north-east England percentages ranged from about 80 to 120, and most places in England, Wales and Northern Ireland also came within this range. In Scotland sunshine was below average in parts of the west and north but exceeded the average in all eastern districts from the Moray Firth southwards, and in most south-western districts where surpluses of more than 20 hours were recorded.

September was a dull month generally. In England and Wales sunshine was mainly between 60 and 80 per cent of the average, but at a few places around the Thames Estuary there was a slight excess. Percentages ranged from 114 at Ramsgate to 58 at Scarborough. In Scotland deficits of more than 50 hours were recorded in most eastern districts. At Stornoway it was the dulllest September since records began in 1880.

October sunshine in England and Wales was mainly above the average north-west, east and south-east but below in the north-east and south-west. Percentages ranged from 173 near Aberystwyth to 75 at Watnall. In Scotland sunshine was well above average in all northern districts on the mainland and a few places in the west and south-west, but elsewhere it was below average. At Gordon Castle it was the sunniest October since 1920.

During November sunshine was above average nearly everywhere but there were local deficits in the Coastal regions of north-east England, the extreme south-west of Cornwall and also in the extreme north and north-east of Scotland. In England and Wales percentages ranged from about 240 in central London to about 85 at Scilly and Scarborough.

December was another sunny month, amounts exceeding the average over most of the country except in a few eastern and western coastal districts of

England and Wales, and from Stonehaven northward to Wick in Scotland. Percentages ranged from 235 at Buxton to about 60 around Fortrose.

The sunniest stations in each month were as follows:-

Month	Station	hr.	Month	Station	hr.
January	Dale Fort	100	July	Jersey (St. Helier)	234.8
February	Jersey (St. Helier)	103.6	August	Dale Fort	236.2
March	Shanklin	170.1	September	Lizard	181.7
April	Penzance	209.5	October	Jersey (Gorey Castle)	183.2
May	Shanklin	224.2	November	Littlehampton	107.0
June	Jersey (St. Helier)	253.9	December	Ventnor	86.0

The 10 sunniest stations for the year as a whole in ranking order were:

No.	Station	hr.	No.	Station	hr.
1	Jersey (St. Helier)	1885.4	6	Dale Fort	1783.5
2	Shanklin	1883.4	7	Poole	1775.2
3	Ventnor	1815.7	8	Jersey Airport	1770.8
4	Jersey (Gorey Castle)	1805.8	9	Bournemouth	1766.0
5	Sandown	1795.9	10	Bognor	1748.1

The 3 sunniest stations in Scotland, Northern Ireland and Wales were:

Scotland			Northern Ireland			Wales		
No.	Station	hr.	No.	Station	hr.	No.	Station	hr.
1	West Freugh	1606.1	1	Ballyhalbert	1426.7	1	Dale Fort	1783.5
2	Dunbar	1437.1	2	Kilkeel	1425.8	2	Brawdy	1693.8
3	Prestwick	1432.0	3	Portrush	1296.3	3	Carmarthen	1671.1

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 and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
a	133	53	113	94	87	91	65	101	80	112	133	145	94
b	134	78	104	114	67	79	95	107	67	104	130	123	93
c	119	73	105	98	69	83	91	90	67	72	118	123	87

### Fog

In the first five months of the year fog at 9h was observed at one place or another during February, April and May more frequently in England and Wales than in Scotland, but during the six months January, March and August to November both had an approximate equal frequency. Only in June and July was it appreciably more frequent in Scotland than in England and Wales.

#### January-March

Fog developed in many districts during the night of January 24th and persisted for much of the 25th but was dispersed by freshening easterly winds the next day. In February early morning fog was most frequent during the first and last ten days of the month; it was slow to clear in many places on the 3rd and 4th. Overnight fog was widespread in March on the 22nd and 23rd, patchy fog persisting in southern England and South Wales for much of the 22nd.

#### April-June

Fog covered much of England and Wales during the early hours of April 2nd and persisted in some places near the coasts of East Anglia and south-east England throughout the day. Early morning fog was also widespread on the 6th and, although it cleared from most places soon after dawn, patches persisted all day in Lancashire and East Anglia. Around May 8th there was a considerable amount of hill and coast fog in the south-west, but most places reported it on only one or two mornings during the month. During June also, fog was rather infrequent occurring on only one or two mornings at any one place.

#### July-September

In July there were coastal fog patches in south and south-west England on the 14th and 15th. In August fog patches formed around dawn in central and eastern districts on the 16th and 17th, and these persisted nearly all day in north-east Scotland on the 17th. Although at any one place early morning fog was reported on only one or two days during the month, hill fog was reported





DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation Max. Min.	Height of Station above Mean Sea Level ft.	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN 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		1 ft.	4 ft.	Total Fall in.	Per-centage of Average %	Most in a day		Precip'n		Show or sleet	Show 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	
			A	B			Maximum	Minimum					Amount	Date	01 in. (0.2 mm.) or more	04 in. (1.0 mm.) or more												
			°C	°C	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.		in.	mm.	mm.								hr	%
6a SCOTLAND, W.—contd. Kirkcudbright —contd. Wigtown	9 9	390	10.9	2.6	6.7	—	23.3	-15.0	7.8	—	56.36	95	2.11	13 Jan	205	165	29	22	2	0	11	3	109	—	6	—	—	
	9 9	184	11.5	3.9	7.7	—	22.8	-14.4	—	—	47.45	99	1.48	31 Oct	212	167	—	22	—	—	—	6	81	—	—	—		
	9 9	240	11.2	3.9	7.5	—	24.4	-12.8	8.5	—	48.70	96	1.37	25 Sept	183	153	28	24	1	7	5	7	81	164	6	—	—	
	9 9	196	11.2	3.2	7.2	—	23.3	-17.2	8.3	—	46.30	—	1.30	13 Jan	190	161	—	19	—	—	—	9	79	—	—	3.71		
	21-9	50	11.2	4.6	7.9	—	21.0	-11.0	—	—	40.87	102	1.41	4 Dec	200	151	18	10	5	9	6	—	65	—	12	4.40		
	9 9	546	10.3	3.9	7.1	—	21.7	-12.2	—	—	60.18	99	1.72	13 Jan	197	182	13	23	0	0	0	21	67	125	4	3.82		
	21-9	257	10.8	6.4	8.6	—	22.2	-3.8	—	—	—	—	—	—	—	—	16	3	2	1	2	12	12	—	47	—		
	9 9	85	11.8	4.7	8.3	—	22.8	-10.0	—	—	47.52	—	3.50	24 July	206	162	14	14	6	1	8	3	80	—	4	—	—	
	9 9	95	10.9	4.8	7.9	—	23.6	-9.3	—	—	40.97	(146)	1.50	19 Nov	222	169	—	—	—	—	—	—	10	68	—	—	3.27	
	9 9	37	10.7	5.0	7.9	—	23.4	-9.4	—	—	29.95	(124)	1.28	3 Sept	198	137	45	11	14	0	3	17	23	73	19	3.42	94	
6b ISLE OF MAN Isle of Man	21-9	55	11.4	8.3	8.9	—	20.4	-6.7	—	—	36.40	106	1.30	21 Mar	193	138	26	5	3	20	7	9	35	68	53	4.29	—	
	9 9	284	11.1	8.2	8.7	-0.7	20.6	-6.6	—	—	46.23	121	1.41	9 Apr	200	151	12	9	17	2	6	13	30	62	17	4.32	100	
	21-9	30	11.9	6.9	9.4	—	22.6	-9.5	—	—	33.96	110	1.05	5 Sept	196	136	18	3	1	4	3	2	16	—	17	4.11	—	
	2 ENGLAND, N.E. Northumberland	9 9	660	10.3	2.7	6.5	—	24.4	-13.9	—	—	54.53	113	2.36	10 Jan	247	177	42	51	4	0	3	79	110	174	0	—	—
		9 9	160	11.8	3.8	7.8	—	25.6	-15.0	—	—	33.48	—	1.80	19 Nov	179	134	27	34	3	2	5	20	83	—	3	—	—
		9 9	76	10.5	5.1	7.8	-0.8	22.2	-7.8	—	—	28.50	122	1.83	17 Sept	191	143	28	3	14	1	6	7	42	93	5	—	—
		9 9	326	—	—	—	—	—	—	—	—	40.97	(146)	1.50	19 Nov	222	169	—	—	—	—	—	—	10	68	—	—	3.27
		21-9	138	10.9	4.8	7.9	—	23.6	-9.3	—	—	50.82	114	1.55	17 Sept	191	138	52	31	3	24	6	10	58	92	8	3.68	—
		9 9	95	10.6	8.2	8.4	-0.8	23.6	-8.0	—	—	29.95	(124)	1.28	3 Sept	198	137	45	11	14	0	3	17	23	73	19	3.42	94
		21-9	37	10.7	5.0	7.9	—	23.4	-9.4	—	—	26.74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9 9		446	11.1	4.4	7.7	-0.9	26.7	-10.6	—	—	37.68	129	1.92	19 Nov	212	149	—	42	—	—	—	5	64	140	—	—	—	
9 9		594	10.7	4.1	7.4	-1.0	25.0	-11.7	—	—	32.98	113	1.11	24 July	190	141	—	—	—	—	—	—	70	—	—	—	—	
9 9		123	12.0	3.7	7.9	-0.7	26.1	-20.0	—	—	31.24	112	1.41	24 July	198	144	27	43	6	8	3	15	77	152	0	3.33	94	
Durham	9 9	336	11.6	4.1	7.9	-0.8	25.0	-12.2	8.9	9.1	32.03	122	1.47	24 July	206	142	—	46	—	—	—	—	70	141	—	—	—	3.20
	9 9	509	—	—	—	—	—	—	—	—	32.97	(119)	1.21	16 May	(191)	(141)	—	—	—	—	—	—	—	—	—	—	—	3.31
	9 9	30	11.7	5.8	8.7	—	26.1	-10.0	—	—	27.84	113	—	16 May	189	137	31	25	6	0	6	19	37	89	10	3.38	—	
	9 9	111	12.3	4.4	8.3	—	25.6	-11.7	—	—	23.83	—	—	25 Nov	183	125	36	26	7	1	9	—	73	134	8	—	—	
	9 9	313	11.7	4.7	8.2	-0.6	23.9	-10.6	—	—	29.98	(100)	—	—	—	—	—	—	—	—	—	17	67	—	—	—	—	
	9 9	25	12.0	6.0	9.0	—	26.7	-8.9	—	—	29.56	(124)	1.28	3 Sept	208	140	—	—	—	—	—	—	—	—	—	—	—	3.24
	9 9	143	12.1	4.0	8.1	—	25.0	-15.0	—	—	30.49	—	—	28 Sept	225	137	45	36	2	9	9	9	88	122	0	—	—	
	9 9	135	11.8	5.5	8.7	—	25.6	-8.3	—	—	25.57	98	—	3 Sept	197	148	—	12	—	—	—	—	26	34	—	—	—	3.65
	9 9	118	11.7	6.1	8.9	-0.9	25.0	-6.1	9.6	10.1	30.85	121	1.27	28 Sept	211	149	24	—	1	0	2	11	22	58	11	3.30	86 S	
	9 9	865	10.8	4.1	7.5	—	24.4	-8.3	7.6	—	39.93	119	—	11.28	28 Sept	267	168	—	37	—	—	—	65	84	145	—	—	3.47
Yorks., N. Riding	21-9	200	11.0	5.8	8.4	—	25.0	-8.5	—	—	22.59	—	—	28 Sept	174	122	32	5	14	0	11	11	52	69	24	—	—	
	9 9	574	10.8	4.3	7.5	—	23.3	-8.9	8.3	—	35.88	117	1.56	13 July	222	162	—	37	—	—	—	30	72	129	—	—	—	3.75
	9 9	8	12.4	6.0	9.2	-0.7	24.4	-6.1	9.1	8.9	29.43	116	—	8 Sept	210	142	34	17	2	2	7	6	48	95	3	3.42	93	
	21-9	24	12.1	5.4	8.7	—	24.0	-9.4	—	—	31.77	—	—	3 Sept	193	142	50	17	4	28	16	17	57	123	6	3.58	—	
	9 9	122	11.1	5.1	8.1	—	23.3	-9.4	—	—	30.80	114	—	13 July	205	140	25	—	21	16	9	7	42	84	5	3.54	—	
	9 9	157	11.1	6.0	8.1	—	23.7	-7.8	—	—	36.31	132	1.35	13 July	214	160	—	18	—	—	—	—	9	45	—	—	—	—
	21-9	40	11.0	6.0	8.5	—	22.0	-9.0	—	—	28.04	—	—	28 Sept	183	131	31	5	4	9	5	12	31	—	—	—	—	—
	9 9	224	12.1	5.3	8.7	-0.7	25.0	-9.1	—	—	30.24	—	—	8 Sept	176	137	41	20	4	9	16	23	61	93	2	3.87	—	
	9 9	22	12.5	4.2	8.3	—	26.1	-9.4	9.3	9.2	30.57	129	—	3 Sept	205	134	14	12	2	0	5	19	78	137	7	3.54	—	
	9 9	205	12.2	4.9	8.5	-0.9	24.9	-9.9	9.3	9.4	27.32	116	1.12	8 Sept	184	127	34	20	1	5	8	24	67	103	2	3.70	90	
Lincoln	9 9	10	12.8	4.0	8.4	—	26.1	-8.9	—	—	29.98	(100)	—	3 Sept	204	(140)	35	10	4	6	12	17	88	135	5	—	—	
	9 9	23	12.1	6.0	9.1	-0.6	25.0	-7.2	—	—	26.82	115	—	28 Sept	168	134	—	8	—	—	—	—	11	41	—	—	—	3.53
	21-9	55	12.3	5.4	8.9	—	25.0	-12.6	—	—	29.62	130	1.22	8 Sept	184	135	46	17	0	26	15	12	50	88	3	3.86	—	
	9 9	15	12.4	5.6	9.0	-0.5	25.0	-13.3	—	—	30.28	136	1.42	8 Sept	(187)	(145)	—	13	—	—	—	—	35	62	—	—	—	3.81
	9 9	13	12.6	5.1	8.9	—	27.2	-14.4	9.3	—	26.93	132	1.23	8 Sept	180	120	14	14	2	2	6	11	61	112	0	4.01	—	
	21-9	76	12.5	5.3	8.9	—	26.3	-8.6	—	—	28.00	—	—	22 June	177	131	33	11	1	6	17	15	64	101	4	—	—	
	9 9	80	13.																									



TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1965.

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	AIR TEMPERATURE IN DEGREE CELSIUS										MEAN EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)				WEATHER							BRIGHT SUNSHINE					
		Means of		Highest Maximum and Lowest Minimum		Difference from Average		Maximum	Minimum	1 ft.	4 ft.	Total Fall	Percentage of Average	Most in a day		Precip'n		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		
		A	B	Mean Temperature Mean of A and B	Difference	°C	°C							Amount	Date	0.1 in. (0.2 mm.) or more	0.04 in. (1.0 mm.) or more													
		Max.	Min.	ft.	°C	°C	°C	°C	°C	°C	°C	in.	%	in.																
5 ENGLAND, S.E.—contd.	G. M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	in.	%	in.																		
Berkshire	Reading	9 9	148	13.5	5.9	9.7	-0.7	27.2	-7.2	10.3	10.6	27.33	106	-99	25 Sept	180	126	21	6	4	10	17	20	43	115	7	3-80	—		
—contd.	Reading S.T.G.*	9 9	141	13.3	5.7	9.5	—	27.8	-11.1	9.2	—	26.75	110	-97	25 Sept	176	131	—	8	—	—	—	15	84	128	—	3-71	—		
	Finchampstead	9 9	212	13.2	4.5	8.9	—	27.2	-9.4	9.2	—	28.54	105	-118	20 July	211	136	15	11	4	1	12	18	78	141	0	3-82	—		
	Hurley	9 9	140	13.2	5.0	8.1	—	27.2	-11.7	9.7	—	27.63	105	-180	2 Aug	183	132	19	10	6	4	10	17	68	105	2	3-80	—		
	Bracknell**	9 9	243	13.2	5.5	8.3	—	27.2	-9.4	10.2	10.3	28.23	105	-118	25 Sept	179	130	28	7	4	6	15	28	56	105	1	3-95	—		
Hampshire	Bournemouth	9 9	130	13.0	6.3	9.7	-0.8	23.9	-8.3	10.1	10.5	32.44	104	-111	7 Nov	176	140	8	4	2	0	7	17	47	90	7	4-84	102		
	Hurn	21-9	33	13.3	5.6	9.5	—	24.5	-10.2	—	—	33.36	110	-107	7 Nov	173	136	15	4	4	5	6	9	61	97	1	—	—		
	Christchurch	9 9	9	13.2	5.8	9.5	—	23.3	-8.9	—	—	29.83	98	-98	2 Aug	162	134	8	1	1	0	5	17	56	98	3	—	—		
	Everton	9 9	51	13.0	6.1	9.5	—	23.9	-8.3	—	—	31.34	109	-101	2 Aug	173	130	7	4	2	0	11	8	48	100	1	4-76	—		
	Southampton	9 9	65	14.2	6.3	10.3	-0.4	25.0	-6.7	10.9	11.4	32.46	103	-112	2 Aug	182	133	15	7	0	5	9	17	45	102	0	4-17	94		
	Leckford	9 9	385	12.9	5.1	9.0	—	26.1	-8.3	9.3	—	32.19	102	-174	2 Aug	179	138	12	12	—	—	—	18	56	—	—	—	—		
	Winchester	9 9	122	13.7	4.8	9.3	—	26.7	-10.0	—	—	33.51	105	-150	2 Aug	172	136	12	12	—	—	—	18	56	—	—	—	—		
	Martyr Worthy	9 9	275	—	4.7	—	—	26.1	-9.4	—	—	32.05	106	-120	2 Aug	178	139	8	7	2	1	7	—	—	—	—	—	—		
	Southsea	9 9	7	13.1	7.5	10.3	-0.8	23.3	-5.0	11.1	—	29.08	105	-114	16 June	170	117	11	5	1	0	5	2	38	—	—	—	—	—	
	Hayling Island	9 9	512	12.6	4.8	8.7	-0.9	25.6	-7.8	9.8	—	31.62	101	-120	2 Aug	188	145	13	15	6	0	10	20	70	129	15	3-87	92		
	Long Sutton	9 9	378	12.8	5.0	8.9	—	26.1	-10.6	—	—	31.56	101	-109	2 Aug	196	143	15	15	7	2	11	17	66	137	1	4-26	—		
	Alice Holt Lodge	9 9	228	13.2	5.4	9.3	-0.8	27.3	-11.0	—	—	27.12	101	-98	25 Sept	179	129	22	9	8	1	15	18	58	107	4	3-98	95		
I. of Wight	S. Catherine's Pt.	9 9	51	12.1	7.4	9.7	-0.8	22.8	-4.5	—	—	30.87	104	-151	16 June	159	131	10	—	—	—	—	—	—	—	—	—	—	—	
	Ventnor Park	9 9	443	12.2	6.9	9.5	-1.3	21.1	-5.6	10.8	10.8	37.79	117	-107	16 June	175	142	9	0	1	0	4	18	27	52	5	4-97	99		
	Shanklin	9 9	180	12.5	6.7	9.6	—	23.3	-7.2	—	—	37.16	105	-160	11 July	173	129	10	—	—	—	—	—	—	—	—	—	—	—	
	Sandown	9 9	13	13.3	6.9	10.1	-0.8	22.8	-7.2	—	—	33.27	110	-141	16 June	156	124	8	0	2	0	3	7	34	—	—	—	—	—	
	Ryde	9 9	15	13.3	7.5	10.4	-0.6	23.9	-5.0	—	—	34.81	116	-100	16 June	164	124	8	0	2	0	3	7	34	—	—	—	—	—	
	Lacock	9 9	160	(13.0)	(4.2)	(8.6)	—	25.0	-10.0	—	—	(30.53)	105	-78	19 July	(177)	(137)	—	—	—	—	—	—	—	—	—	—	—	—	—
	West Lavington	9 9	305	12.9	(4.2)	(8.5)	—	25.0	-10.0	—	—	32.42	106	-119	7 July	198	140	17	—	—	—	—	—	—	—	—	—	—	—	—
	Lyneham	21-9	476	12.2	5.4	8.8	—	24.8	-8.0	—	—	29.10	101	-71	7 Nov	178	129	29	10	13	4	12	27	62	113	1	3-99	—		
	Chiseldon	9 9	510	12.6	4.7	8.7	—	26.1	-9.4	—	—	31.32	—	-9.2	24 Sept	183	127	33	12	10	7	17	16	69	137	0	—	—	—	
	Boscombe Down	21-9	414	12.8	5.2	9.0	-0.6	25.4	-8.6	—	—	29.35	103	-112	7 Nov	175	127	20	13	9	5	8	19	63	102	6	4-11	96		
	Upavon	21-9	578	12.1	5.1	8.6	—	24.8	-9.3	—	—	31.10	103	-110	11 July	182	135	29	16	6	7	10	25	63	98	4	—	—	—	
	Porton	9 9	364	13.0	4.4	8.7	-0.7	25.5	-10.5	8.9	—	28.78	98	-99	2 Aug	174	131	16	12	2	1	7	17	77	128	3	3-95	90		
7a ENGLAND, N.W.																														
Cumberland	Sellafield	9 9	43	11.7	5.9	8.8	—	25.0	-7.2	—	—	41.21	95	-108	25 Sept	187	151	—	3	—	—	—	—	—	—	—	—	—	—	—
	Carlisle	21-9	86	11.7	4.9	8.3	—	24.1	-16.2	—	—	35.88	—	-1.20	25 Sept	190	141	40	17	12	6	7	7	74	112	3	3-89	—	—	
	Newton Rigg	9 9	560	11.1	3.9	7.5	-0.8	23.3	-13.9	8.0	—	34.38	98	-131	25 Sept	210	154	—	29	—	—	—	—	—	—	—	—	—	—	—
	Spadeadam	9 9	900	9.5	3.1	6.3	—	21.7	-12.8	6.8	7.2	53.90	—	-1.71	25 Sept	219	173	59	46	22	4	9	41	99	140	10	3-66	103		
Westmorland	Ambleside	9 9	151	11.9	4.4	8.1	—	24.4	-8.9	—	—	71.74	96	-1.85	17 Dec	200	170	30	16	6	0	8	2	75	—	—	—	—	—	
	Great Dun Fell	21-9	2780	4.9	0.9	2.9	—	19.1	-11.8	—	—	80.49	—	-1.63	25 Sept	258	211	—	104	—	—	—	—	—	—	—	—	—	—	—
	Moor House	9 9	1825	7.6	1.6	4.6	—	22.2	-16.1	5.9	—	80.49	—	-1.63	25 Sept	258	211	—	104	—	—	—	—	—	—	—	—	—	—	—
Lancashire	Squires Gate	21-9	33	12.2	5.6	8.9	-0.7	25.6	-8.7	—	—	34.98	104	-131	21 June	183	146	25	4	11	5	5	12	81	100	12	4-19	101		
	Urswick	9 9	130	12.3	4.9	8.6	—	24.4	-8.4	—	—	43.36	93	-122	20 Aug	196	146	11	5	2	0	7	32	60	—	—	—	—	—	
	Southport	9 9	16	12.1	5.2	8.7	—	25.0	-9.9	9.1	9.8	35.83	108	-144	21 June	193	149	—	7	—	—	—	—	—	—	—	—	—	—	
	Poulton-le-Fylde	9 9	38	11.9	5.2	8.5	—	25.0	-9.9	—	—	36.07	98	-120	21 June	176	142	—	—	—	—	—	—	—	—	—	—	—	—	
	Grisdale	21-9	80	12.6	6.6	9.6	—	25.8	-7.3	—	—	36.75	121	-112	8 Sept	194	148	27	4	9	4	10	14	36	72	13	3-61	—		
	Speke	9 9	300	11.7	3.3	7.5	—	25.6	-12.2	—	—	37.31	—	-1.95	15 Sept	220	181	30	31	3	3	2	15	89	—	—	—	—	—	
	Kirkham	9 9	78	12.3	5.0	8.7	—	25.0	-10.6	—	—	37.32	99	-119	21 June	185	148	20	8	2	8	9	8	66	131	0	4-03	—		
	Garstang	9 9	68	12.0	5.0	8.5	—	24.4	-10.0	—	—	40.67	107	-105	9 Jan	194	145	—	8	—	—	—	—	—	—	—	—	—	—	
	Morecambe	9 9	24	12.0	6.1	9.1	-0.6	25.6	-8.3	—	—	42.35	110	-137	15 Sept	193	146</													

TABLE III (continued) - SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1905.

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN 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		1 ft.	4 ft.	Total fall	Percentage of Average	Most in a day		Precip'n		Snow or sleet	Snow lying at Sh.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at Sh.	Air Frost †	Grass min. below 0°C.	Gale	Daily Mean	Percentage of Average							
			A Max.	B Min.			Maximum	Minimum					Amount	Date	01 in. (0.2 mm.) or more	04 in. (1.0 mm.) or more																		
			G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.											hr.	%							
8b ENGLAND, S.W.																																		
Somerset	Cannington	9 9	95	13.2	6.2	9.7	—	25.6	-7.8	10.6	—	30.12	101	—	174	135	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
	Weston-s.-Mare	9 9	28	13.4	6.9	10.1	-0.5	26.1	-6.1	—	—	34.93	108	1.48	24 July	171	137	—	—	—	—	—	—	—	—	—	—	—	—	—				
	Yeovilton	21-9	60	23.5	5.6	9.5	—	25.3	-10.0	—	—	31.90	—	1.37	2 Aug	164	142	15	3	8	3	6	10	33	—	10	4.11	95	—	—				
	Long Ashton	9 9	162	13.2	5.8	9.5	-0.6	26.1	-8.3	10.6	—	37.11	102	1.24	17 Dec	185	132	19	4	10	2	12	13	46	135	0	4.01	98	—	—				
	Wincanton	9 9	375	12.8	5.1	8.9	—	25.0	-10.0	—	—	36.67	—	1.19	2 Aug	173	154	14	8	4	1	5	31	62	—	—	—	—	—	—	—			
Dorset	Bath C.B.S. *	9 9	388	12.8	5.7	9.3	—	25.0	-7.2	—	—	34.81	111	—	92	11 July	172	144	16	6	3	6	10	—	—	—	—	—	—	—	—			
	Lyme Regis	9 9	200	13.2	5.9	9.5	—	23.3	-7.2	—	—	37.68	—	1.19	11 July	188	134	16	3	2	2	6	5	53	73	18	4.21	—	—	—	—			
	Weymouth	9 9	18	13.3	7.0	10.1	-0.9	22.2	-7.2	—	—	32.85	109	1.30	11 July	162	132	6	1	2	0	1	14	36	—	16	4.74	98	—	—	—			
	Winfrith	9 9	85	13.3	5.4	9.3	—	22.2	-10.0	—	—	37.02	—	1.30	11 July	166	127	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Svanage	9 9	37	13.0	6.8	9.9	—	22.8	-6.7	—	—	32.74	102	1.23	7 Nov	162	125	9	4	2	3	3	10	0	—	—	—	—	—	—	—	—		
Devon	Poole	9 9	18	13.5	5.9	9.7	—	24.4	-8.3	11.5	—	31.92	104	1.45	11 July	171	127	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	Hartland Point	21-9	298	11.7	7.9	9.8	—	25.2	-4.4	—	—	33.39	92	1.37	11 July	187	144	14	0	6	10	0	—	—	—	—	—	—	—	—	—	—	—	
	Mount Batten	21-9	87	12.7	7.3	10.0	-0.8	23.9	-7.0	—	—	46.67	124	1.58	24 Jan	198	163	20	1	9	8	7	5	28	70	27	4.34	95	—	—	—	—		
	Plymouth, The Hoe	9 9	119	13.1	7.1	10.1	-0.9	23.9	-6.7	10.8	11.2	44.70	118	1.68	24 Jan	200	166	10	4	2	0	4	13	24	58	19	4.30	93	—	—	—	—		
	Tavistock	9 9	457	13.1	5.6	9.3	-0.8	26.7	-10.0	—	—	62.04	—	1.55	16 Nov	227	184	22	9	15	9	10	10	50	133	3	—	—	—	—	—	—		
	Chivenor	21-9	20	13.3	7.0	10.1	—	25.5	-6.2	—	—	35.22	98	1.42	11 July	189	145	14	2	6	18	6	4	30	63	15	4.32	—	—	—	—	—		
	Ilfracombe	9 9	25	12.8	8.4	10.6	—	25.6	-5.0	11.4	—	44.78	117	1.32	11 July	186	163	11	0	6	0	2	0	6	37	14	4.24	96	—	—	—	—	—	
	Princetown	9 9	1359	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Totnes	9 9	120	13.6	5.6	9.6	—	23.3	-10.6	10.7	10.7	50.68	108	1.76	11 July	210	150	12	6	9	5	4	5	55	127	17	(3.95)	—	—	—	—	—	—	
	Slapton	9 9	104	13.2	6.9	10.1	—	22.8	-3.9	—	—	45.82	—	1.31	24 Jan	177	142	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Newton Abbot	9 9	272	—	6.0	—	—	—	—	—	—	43.56	110	1.44	28 Nov	192	149	8	5	1	1	6	12	47	—	—	—	—	—	—	—	—	—	
	Paignton	9 9	8	13.7	—	—	—	—	—	—	—	39.68	103	1.27	28 Nov	193	142	9	0	7	2	6	3	—	—	—	—	—	—	—	—	—	—	—
	Torquay	9 9	26	13.5	7.3	10.4	-0.5	24.4	-7.1	—	11.4	38.20	109	1.16	28 Nov	168	132	10	2	6	1	4	4	29	52	27	4.62	97	—	—	—	—	—	
	Teignmouth	9 9	20	13.3	7.4	10.3	-0.8	22.2	-6.7	—	—	30.71	92	1.16	28 Nov	180	136	6	1	3	1	5	14	20	46	2	4.54	97	—	—	—	—	—	
	Cornwall	Starcross	9 9	29	13.3	6.3	9.8	—	23.9	-8.3	10.4	—	31.95	94	1.32	28 Nov	176	131	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Exmouth		9 9	195	12.8	6.4	9.6	-0.6	23.9	-6.7	—	—	30.86	93	1.19	17 May	162	120	15	1	1	1	6	14	40	—	—	—	—	—	—	—	—	—	
Exeter		21-9	106	13.4	6.2	9.3	—	23.7	-9.6	—	—	37.57	115	1.03	16 June	220	152	5	1	9	6	0	12	2	—	—	—	—	—	—	—	—	—	—
St. Mary's, Scilly		21-9	158	13.0	9.0	11.0	-0.5	21.0	-1.5	—	—	31.19	93	1.39	16 Nov	186	123	14	1	8	5	5	11	50	90	16	3.86	—	—	—	—	—	—	—
Penzance		9 9	62	13.5	7.8	10.7	-0.8	21.1	-6.7	—	—	47.63	115	1.35	28 Nov	229	187	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gulval		9 9	50	13.3	7.9	10.6	-0.6	22.2	-5.0	—	—	46.01	116	1.28	18 July	213	187	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Culdrose		9 9	268	12.5	7.0	9.7	—	22.8	-6.1	—	—	38.97	110	—	99	19 Jan	200	160	15	3	4	12	5	20	30	51	18	4.39	—	—	—	—	—	
Rosewarne		9 9	250	12.6	7.5	10.1	—	22.8	-6.7	10.5	10.9	48.96	128	1.61	23 Nov	215	178	12	4	30	2	10	3	22	70	32	4.27	—	—	—	—	—	—	—
Lizard		9 9	240	12.6	7.8	10.2	-0.9	21.9	-3.6	—	—	38.33	116	1.43	16 Nov	219	162	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Newquay		9 9	167	12.9	(7.5)	(10.2)	(-0.9)	22.2	(-6.7)	—	—	48.81	113	1.10	4 Dec	211	178	3	0	5	2	1	3	26	66	6	4.05	88	—	—	—	—	—	
St. Mawgan		9 9	176	12.9	7.5	10.2	-0.5	22.8	-7.2	—	—	37.63	110	1.63	16 Nov	199	149	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
St. Austell		9 9	310	12.9	7.2	10.1	—	23.0	-8.5	—	—	42.05	110	1.56	11 July	208	161	13	3	10	18	3	16	28	47	16	4.57	—	—	—	—	—	—	
Bude		9 9	50	13.0	7.0	10.0	-0.6	25.6	-6.7	9.1	—	35.19	103	1.18	29 Sept	211	182	6	4	4	0	0	32	12	—	—	—	—	—	—	—	—	—	
Ellbridge		9 9	190	13.3	6.1	9.7	-0.7	24.4	-9.4	—	—	52.95	128	1.57	24 Jan	225	175	6	2	19	1	8	2	44	102	11	4.10	92	—	—	—	—	—	
9 NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	570	10.9	4.1	7.5	—	23.3	-9.4	—	—	48.66	—	1.29	31 Oct	253	200	22	19	1	0	2	5	70	112	1	—	—	—	—	—	—		
	Ballykelly	21-9	6	11.9	5.9	8.9	-0.5	24.6	-7.1	—	—	32.92	89	—	80	31 Oct	224	169	40	4	35	0	5	43	100	8	3.23	88	—	—	—	—	—	
	Derrymoyd Forest	9 9	260	11.7	4.6	8.1	—	23.9	-9.4	—	—	52.06	—	1.23	17 Sept	246	184	30	21	6	2	2	5	50	130	4	—	—	—	—	—	—	—	
	Somerset Forest	9 9	140	11.7	4.4	8.1	—	22.8	-7.8	—	—	40.36	—	1.20	4 Aug	223	180	16	9	15	0	3	10	55	95	0	—	—	—	—	—	—	—	
	Garvagh Forest	9 9	290</																															



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DURING THE YEAR 1965

DISTRICT, COUNTY AND PLACE	Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD-AMOUNT (OKTAS)					VISIBILITY							WIND, NUMBER OF OBSERVATIONS																			
			At Mean Sea Level	Difference from Average	Dry Bulb	Depression of Wet Bulb	Vapour Pressure	Relative Humidity	Mean Amount	NO. OF OBSERVATIONS					NUMBER OF OBSERVATIONS							FORCE (0-12) Beaufort Force					DIRECTION													
										0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,150 yd.	2,200-4,350 yd.	3-5 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6	4	3	2	1	0	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
			ft.	mb.	°C	°C	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,150 yd.	2,200-4,350 yd.	3-5 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6	4	3	2	1	0	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
2 ENGLAND, N.E.—cont.	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%	0	1	2	3	4	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,150 yd.	2,200-4,350 yd.	3-5 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	6	4	3	2	1	0	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
Manby	H	3	47	1012.6	—	6.6	0.5	9.3	91	5.2	56	40	49	82	132	6	0	13	4	9	24	54	152	75	32	2	0	4	105	220	36	30	18	19	19	42	58	89	54	
Manby	H	9	47	1013.0	—	8.8	1.2	10.0	84	5.9	11	41	62	133	113	5	0	6	1	5	22	33	130	115	44	0	0	11	156	180	18	42	22	31	26	48	53	68	57	
Manby	H	15	47	1012.5	—	10.9	2.0	10.9	77	6.0	8	37	58	150	111	1	0	6	1	5	9	25	129	113	69	18	0	15	166	181	3	50	34	51	31	45	48	80	26	
Manby	H	21	47	1013.0	—	7.7	0.7	9.6	89	5.2	45	48	47	109	107	9	0	8	3	7	19	42	157	91	36	2	0	10	97	227	31	54	21	32	38	50	46	67	46	
3 ENGLAND, E.																																								
Norfolk																																								
Marham	H	3	89	1013.1	—	6.6	0.6	9.3	91	5.1	67	44	33	76	128	17	0	12	2	13	19	62	164	77	16	0	0	10	110	219	26	51	20	29	32	73	52	48	34	
Marham	H	9	89	1013.5	—	8.7	1.2	9.9	84	5.6	17	50	41	147	100	10	0	7	4	4	18	46	144	109	31	2	0	7	171	166	21	48	18	31	39	66	59	49	44	
Marham	H	15	89	1012.9	—	11.5	2.4	10.2	73	6.0	15	30	52	160	107	1	0	1	0	0	6	20	136	131	53	18	0	27	177	156	5	67	21	30	23	55	66	51	37	
Marham	H	21	89	1013.5	—	8.1	1.0	9.9	86	4.9	52	64	41	90	115	3	0	3	0	3	13	56	146	116	24	1	0	12	114	212	27	48	23	43	41	71	47	42	23	
West Raynham	H	3	263	1012.8	—	6.4	0.5	9.2	92	5.0	62	46	44	77	123	13	0	13	9	13	26	66	115	88	35	0	0	15	119	223	8	41	31	31	26	37	87	78	26	
West Raynham	H	9	263	1013.1	—	8.3	1.0	9.9	87	5.8	18	51	36	156	98	4	0	5	2	7	14	51	109	102	62	12	1	22	181	156	5	47	24	32	33	36	70	77	41	
West Raynham	H	15	263	1012.6	—	10.7	2.0	10.2	77	6.0	10	34	58	153	109	1	0	1	0	2	7	30	104	120	78	23	0	24	211	129	1	53	46	29	29	40	66	81	20	
West Raynham	H	21	263	1013.1	—	7.6	0.8	9.7	89	5.2	44	51	53	95	115	7	0	6	2	1	20	52	122	102	67	3	0	17	140	201	7	47	32	34	44	49	72	60	20	
Cottishall	H	3	57	1012.5	—	7.0	0.7	9.4	89	5.1	67	44	38	74	135	7	0	11	7	4	20	59	127	105	32	0	0	7	87	212	59	32	22	37	14	33	65	70	33	
Cottishall	H	9	57	1013.0	—	9.1	1.3	10.0	83	6.0	15	38	44	145	114	9	0	5	3	4	14	45	111	113	63	7	0	7	160	174	24	37	20	36	26	39	71	77	35	
Cottishall	H	15	57	1012.6	—	11.2	2.3	10.1	73	6.1	8	35	57	156	108	1	0	0	1	0	1	43	101	141	75	13	0	10	195	153	7	40	38	39	28	43	56	66	48	
Cottishall	H	21	57	1013.0	—	8.1	1.0	9.8	87	5.2	45	55	52	85	121	7	0	5	5	6	17	63	113	130	25	1	0	9	90	225	41	35	28	38	51	55	58	21		
Gorleston	H	3	26	1012.8	—	8.4	0.8	10.3	90	4.7	87	32	39	92	110	5	1	1	1	1	5	16	107	139	9	0	0	1	34	150	174	6	36	27	25	20	59	63	93	36
Gorleston	H	9	26	1013.1	-1.8	8.9	1.0	10.4	87	5.9	11	28	75	130	115	6	2	3	0	4	7	31	194	116	8	0	0	2	40	184	136	3	39	22	32	29	60	55	79	46
Gorleston	H	15	26	1012.8	—	10.4	1.5	10.8	82	5.9	12	18	87	156	88	4	0	4	0	0	3	1	3	134	0	0	0	2	48	208	105	2	59	35	36	34	69	44	54	32
Gorleston	H	21	26	1013.1	—	9.4	1.0	10.7	87	5.1	60	28	64	99	108	6	0	3	1	3	2	9	213	132	0	0	0	4	149	164	9	41	33	31	26	91	52	54	28	
Suffolk																																								
Mildenhall	H	3	39	1013.1	—	6.7	0.8	9.7	89	5.2	44	51	53	95	115	7	0	6	2	1	20	52	122	102	67	3	0	17	140	201	7	47	32	34	44	49	72	60	20	
Mildenhall	H	9	39	1013.7	—	8.9	1.3	10.0	84	5.7	18	46	54	134	102	11	0	10	3	4	13	55	113	98	67	2	0	1	78	269	17	38	20	29	26	33	83	73	46	
Mildenhall	H	15	39	1012.9	—	12.1	2.7	10.3	71	6.0	14	35	52	165	98	1	0	1	0	0	4	30	106	123	93	8	0	10	94	256	5	49	28	35	28	41	68	69	42	
Mildenhall	H	21	39	1013.4	—	8.4	1.1	10.0	86	5.0	56	52	46	92	117	2	0	0	2	5	8	70	118	128	34	0	0	3	58	278	26	32	37	34	89	78	50	32		
Wattisham	H	3	299	1013.2	—	6.3	0.4	9.4	94	4.8	71	53	38	63	128	12	0	13	6	11	22	69	142	84	18	0	1	9	97	250	8	47	31	24	24	40	80	63	48	
Wattisham	H	9	299	1013.6	—	8.4	1.0	10.0	87	5.7	17	53	47	137	99	12	0	11	3	5	13	62	117	97	48	9	0	14	160	187	4	48	30	32	21	42	68	79	41	
Wattisham	H	15	299	1013.0	—	11.0	2.1	10.2	76	6.0	14	29	60	161	100	1	0	1	0	2	5	28	119	116	77	17	0	15	204	143	3	43	33	27	35	43	61	75	41	
Wattisham	H	21	299	1013.6	—	7.6	0.6	9.9	90	5.0	50	28	80	107	111	7	0	4	4	7	15	71	126	104	33	1	0	1	91	241	43	37	20	16	19	40	94	71	23	
Aldeburgh	H	3	35	1013.9	—	9.3	1.4	10.0	82	5.7	24	28	80	83	145	5	0	5	2	1	0	33	107	154	0	0	0	0	14	134	215	2	50	31	28	19	61	62	73	39
Aldeburgh	H	9	35	1013.5	—	10.7	1.9	10.3	77	5.8	21	20	90	95	137	2	0	4	0	1	2	15	169	172	2	0	0	2	183	181	0	47	44	39	17	97	39	62	20	
Aldeburgh	H	15	35	1013.7	—	8.9	1.2	10.0	84	4.8	93	24	56	42	146	4	1	3	0	2	3	11	176	169	0	0	0	2	18	108	236	1	53	28	20	20	72	63	29	
Aldeburgh	H	21	35	1013.2	—	6.8	0.7	9.2	89	5.1	78																													

TABLE IV (continued)-SUMMARY OF OBSERVATIONS AT FIXED HOURS DURING THE YEAR 1965

Main data table with columns for District, County and Place; Hour of Observation; Mean Pressure; Mean Temperature (Dry Bulb, Depression of Wet Bulb, Vapour Pressure, Relative Humidity); Cloud-Amount (OKTAS); Visibility; Wind, Number of Observations; Direction. Includes sub-sections for 5 ENGLAND, S.E., 7a ENGLAND, N.W., 7b NORTH WALES, 8a SOUTH WALES, 8b ENGLAND, S.W., and 9 NORTHERN IRELAND.

H See Notes on Tables in the Introduction.

TABLE V—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1965 AT EACH STATION

209

*DISTRICT AND PLACE	WARMEST				COLDEST				*DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date			Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
		°C		°C		°C		°C			°C		°C		°C		°C
0 SCOTLAND, N.									1 SCOTLAND, E—cont.								
Hannay	July 22	19.4	Aug. 13, 15, 16	12.8	Feb. 28	-0.6	Dec. 29, 30	-3.9	Cupar	June 29	23.3	Sept. 22	13.3	Jan. 30,	1.1	Dec. 29	-11.1
Lerwick	July 22	19.2	July 22	12.7	Feb. 28	-0.8	Dec. 29	-8.0	Leuchars	June 29	23.2	Sept. 22	13.3	Jan. 29	-0.4	Dec. 29	-8.9
Baltasound	July 22	19.4	Sept. 27	12.2	Feb. 28	-0.6	Nov. 29,	-6.1	St. Andrews	June 29	23.9	Sept. 22	13.3	Jan. 29	-0.6	Mar. 2	-9.4
Sule Skerry	Aug. 12, 17	15.7	Sept. 26	12.0	Mar. 1	1.7	Feb. 28	-1.5	Balerno	May 14	24.4	Aug. 12	13.9	Mar. 2, 3	-1.1	Mar. 2	-13.9
Stenness	July 20	19.4	July 22, Aug. 15,	12.2	Feb. 28	0.0	Nov. 25	-7.2	Turnhouse	May 13	23.6	June 30	14.0	Mar. 3	0.5	Mar. 2	-10.6
Kirkwall	Aug. 18	18.0	July 22, Sept. 26	11.9	Feb. 28	-0.6	Mar. 1	-5.4	Edinburgh—								
Dounreay	June 15, July 20,	20.0	Aug. 18	13.3	Mar. 1	0.0	Jan. 21	-8.9	East Craigs	Aug. 12	23.3	June 30	13.9	Mar. 3,	0.0	Mar. 2	-10.6
Wick	Aug. 11, 13	19.7	Aug. 18	12.5	Mar. 1,	0.4	Nov. 25	-7.8	Davidsons Mains	Aug. 12	24.4	June 30	13.9	Dec. 27, 28	-0.6	Mar. 2	-10.0
Cape Wrath	Aug. 13	24.8	Aug. 13	18.2	Mar. 23	0.6	Jan. 21	-4.0	Pentculk	May 14	24.4	June 30	13.3	Mar. 3	-1.1	Mar. 2	-11.7
Achny	Aug. 12	23.3	Aug. 13	14.4	Dec. 26	-1.7	—	—	Bush House	May 14	22.8	June 30	13.9	Mar. 3	-1.1	Mar. 2	-11.1
Strathly	July 20, Aug. 12	22.2	Aug. 13	13.9	Jan. 19, 20,	0.6	Jan. 20	-11.7	Blackford Hill	May 13, 14,	23.3	Aug. 12	13.9	Dec. 27	-0.6	Mar. 2	-9.4
Stornoway	Aug. 13	20.6	Aug. 13	14.1	Dec. 27	0.5	Dec. 28	-6.6	Royal Bot. Gdns.	Aug. 12	24.4	Aug. 12	14.4	Dec. 26	-0.6	Mar. 2	-11.1
Balmacara	Aug. 13	24.4	Aug. 13	16.1	Feb. 28	(1.1)	—	-5.6	Haddington	May 13, June	23.3	Aug. 12	15.6	Dec. 27	0.0	Mar. 2	-11.1
Poolewe	Aug. 12, 13	25.0	Aug. 13	17.8	Jan. 19	0.0	Dec. 28	-5.6	Dunbar	June 29, Aug.	21.7	Sept. 22	14.4	Mar. 2,	0.6	Mar. 2	-6.7
Achnashellach	Aug. 13	24.4	Aug. 12	13.9	Jan. 2	0.0	Mar. 2	-10.0	Mertoun	May 14	24.4	Sept. 22	13.3	Jan. 29,	-2.2	Mar. 2	-11.1
Kinlochewe	May 13	24.4	Aug. 13	17.8	Jan. 19	0.0	Dec. 28	-8.9	Lauder	May 13	22.8	June 30	12.8	Mar. 3,	-1.1	Mar. 2	-12.8
Fortrose	Aug. 12	22.8	Aug. 13	16.1	Jan. 28,	0.6	Jan. 21	(-5.6)	Marchmont	May 14	23.9	Aug. 15	15.0	Mar. 3,	-0.6	Mar. 2	-9.4
Tarbatness	Jun. 4, Aug. 11	19.5	Aug. 18	16.5	Nov. 14	0.0	Jan. 29,	-5.0	Whitcheater	May 14,	22.8	June 30	12.2	Mar. 3,	-1.7	Mar. 2	-10.0
Benbecula	July 20	21.3	Aug. 13	15.1	Dec. 28	2.3	Nov. 25,	-4.8	St. Abb's Head	June 29	22.0	May 14	14.6	Mar. 2	0.7	Mar. 3	-6.2
Ile of Rhum	May 13	22.2	Aug. 13	17.2	Mar. 3	1.7	Jan. 29	-5.6	Stanhope Farm	May 14	23.9	Aug. 12	14.4	Jan. 29	-4.4	Mar. 2	-15.6
Prabost	Aug. 13	21.7	Aug. 12, 13	16.1	Feb. 28,	1.1	Mar. 2	-5.6	Blyth Bridge	May 14	23.9	Aug. 12	12.8	Jan. 30	-3.3	Mar. 2	-12.8
Dunholm	July 19,	21.7	Aug. 13	17.2	Jan. 19	0.6	Jan. 20	-3.9	West Linton	May 14	24.4	Aug. 12	13.9	Jan. 30	-1.1	Jan. 31,	-12.8
Onch	Aug. 12, 13	23.3	Aug. 13	17.8	Jan. 2, 19,	1.7	Mar. 2	-7.8	Glentress	May 14	25.0	June 30, Aug. 15	12.8	Jan. 29	-1.7	Mar. 2	-16.1
Fort William	July 20	26.1	Aug. 13	17.2	Jan. 28	0.6	Dec. 29	-9.4	Bowhill	May 14	24.4	June 30	13.9	Mar. 3,	-0.6	Mar. 2	-13.3
Fort Augustus	May 13, Aug.	23.3	Aug. 13	16.7	Nov. 25	-1.7	Dec. 29	-9.4	Wauchope	May 14	25.0	July 21, Aug. 12,	12.8	Mar. 1, 2,	-1.1	Mar. 2	-16.1
Cannich	June 9	24.4	Aug. 13	14.4	Jan. 19	-3.3	Mar. 2	-14.4	Kelso	May 14	25.6	June 30	13.3	Jan. 29	-2.2	Mar. 2	-13.3
Inverness	Aug. 13	24.4	Aug. 12	14.4	Dec. 27	0.0	Mar. 2	-6.1	Sourhope	May 14	24.4	Aug. 12	14.4	Mar. 2, 3	-2.2	Mar. 2	-12.2
Achnagoichan	May 13	23.9	Aug. 12	15.6	Jan. 21,	-3.3	Mar. 2,	-11.7	6a SCOTLAND, W.								
1 SCOTLAND, E.									Tiree	July 19	19.8	Aug. 12, 13	14.0	Mar. 1	2.6	Mar. 2	-4.6
Nairn	Aug. 12, 13	23.9	Aug. 13	14.4	Jan. 28,	-0.6	Jan. 29,	-11.1	Rhuval	June 10	20.8	Aug. 13	14.3	Dec. 28	2.1	Mar. 2	-4.5
Forres	Aug. 12	23.9	Aug. 13	15.6	Jan. 28,	0.0	Jan. 29	-8.9	Colonsay	June 10,	21.1	Aug. 13	15.6	Mar. 3	2.2	Dec. 28	-5.6
Kinloss	Aug. 12	24.1	Aug. 12, 13	15.5	Dec. 27	-0.2	Jan. 21	-9.5	Craighouse	Aug. 13	21.7	Aug. 12, 13	13.9	Dec. 27	-0.6	Mar. 2	-3.3
Lossiemouth	July 18, Aug.	22.2	Aug. 13	15.0	Jan. 28,	0.0	Jan. 29,	-10.0	Machrihanish	Aug. 12	22.9	Aug. 12	15.2	Mar. 3	2.0	Mar. 2	-6.4
Gordon Castle	June 4, 29,	21.7	Sept. 21	13.9	Mar. 1	0.0	Jan. 29	-7.8	Achaglachgach	Aug. 13	22.2	Aug. 12	15.0	Dec. 27	0.6	Mar. 3	-8.3
Banff	June 4, 29	22.2	Sept. 21	13.9	Mar. 1	-0.6	Mar. 2	-10.6	Lephimore	Aug. 12	23.3	Aug. 13	15.6	Feb. 28	(0.6)	Feb. 2	-6.1
Braemar	May 14	23.9	—	—	Jan. 19,	-2.2	Mar. 2	-20.0	Benmore—								
Balmoral	May 13	23.3	July 22	12.2	Mar. 1	-2.2	Mar. 2	-17.8	Forestry Sch.	May 14,	23.3	—	—	Jan. 22,	0.6	Mar. 2	-9.4
Dinnet	May 13	23.3	Aug. 18	12.8	Dec. 27	-1.1	Mar. 2	-16.1	Younger Bot. Gdns.	May 14	23.3	Aug. 12	15.0	Mar. 3,	0.0	Mar. 2	-11.1
Craibstone	June 29	22.8	July 22,	12.2	Dec. 27	-0.6	Mar. 2	-9.4	Rothsay	Aug. 12	22.8	Aug. 12	16.1	Jan. 25	1.1	Mar. 2	-4.4
Dyce	June 29	23.6	Sept. 21, 26	12.9	Dec. 27	-0.1	Mar. 2	-15.8	Millport	Aug. 12, 13	22.2	Aug. 12	15.6	Mar. 3	2.2	Mar. 2	-4.4
Aberdeen	June 29	23.3	June 20	13.3	Jan. 28,	0.6	Mar. 2	-11.7	Finnart	Aug. 12	23.3	Aug. 12	15.6	Mar. 3,	0.6	Mar. 2	-6.7
Udny	June 29	21.7	July 22, Sept. 21	12.2	Mar. 1	-0.1	Mar. 2	-10.6	Helensburgh	Aug. 12	23.3	Aug. 12	14.4	Mar. 3	0.0	Mar. 2	-8.3
Ratray Head	June 29	21.5	Sept. 21	12.4	Mar. 2	-0.2	Mar. 2	-10.1	Cumbernauld	May 14	23.3	June 30, Aug. 15	13.3	Dec. 27, 28	-1.1	Feb. 1	-11.1
Fettercairn	June 29	22.2	July 22	12.8	Mar. 2	-1.7	Mar. 2	-10.6	Earls Hill	May 14	22.3	Aug. 15	12.1	Mar. 3,	-2.0	Mar. 2	-10.7
Strachan	May 13,	22.8	July 22,	12.2	Jan. 29,	-1.1	Mar. 2	-19.4	Stirling	May 14	25.0	June 30	14.4	Jan. 29,	0.0	Mar. 2	-9.4
Stonehaven	May 13,	22.2	July 22,	12.8	Mar. 1, 2	0.6	Mar. 2	-11.1	Falkirk	May 14	25.6	Aug. 12	14.4	Dec. 28	-0.6	Mar. 2, 3	-10.0
Muchalls	May 13,	21.1	July 22	12.8	Mar. 2	0.0	Mar. 2	-8.3	Greenock	Aug. 12	23.9	Aug. 12	15.6	Mar. 3	0.0	Mar. 2	-6.7
Mylnefield	June 29	23.3	July 21, 22,	12.8	Dec. 27	0.6	Mar. 2	-10.0	Paisley	Aug. 12	25.0	Aug. 12, 13	15.0	Dec. 28	0.0	Mar. 2	-8.3
Dundee	June 29	23.9	July 21, 22, 24	12.8	Dec. 27	0.0	Mar. 2	-7.2	Barrhead	Aug. 12	24.4	June 30, July	13.3	Jan. 29, 30,	0.6	Mar. 2	-13.3
Glamis Castle	June 9	22.8	July 22	12.8	Mar. 2,	0.0	Mar. 2	-13.9	Renfrew	Aug. 12	24.8	Aug. 12	15.4	Dec. 28	-1.3	Mar. 2	-12.5
Whitehills	June 29	22.8	July 21	(12.2)	Mar. 1, 2	-2.2	Mar. 2	-16.1	Crossmyloof	May 14,	24.4	June 30	13.9	Jan. 3, 30	0.0	Mar. 2	-10.0
Budden Ness	June 29	22.2	Sept. 21, 22,	12.8	Dec. 27	0.0	Mar. 2	-11.1	Thorntonhall	Aug. 13, 14	23.3	Aug. 12, 15, 18	12.8	Mar. 3	-0.6	Mar. 2	-11.1
Carnoustie	June 29	22.8	Sept. 22	13.3	Dec. 27	0.0	Mar. 2	-7.8	Glasgow (Springburn)	Aug. 12	23.3	June 30, Aug. 12	12.8	Dec. 28	-1.1	Mar. 2	-11.7
Arbroath	June 29	23.3	July 22,	12.8	Mar. 2,	1.1	Mar. 2	-8.3	Coatbridge	May 14,	24.4	Aug. 12	14.4	Jan. 2	-0.6	Mar. 2	-10.6
Usan	June 29	22.4	Sept. 22,	13.0	Dec. 27	0.4	Mar. 2	-10.5	Happendon Station	Aug. 12	22.6	June 30, Sept. 22	12.3	Jan. 29,	-1.4	Mar. 2	-14.0
Montrose	June 29	23.3	July 20	13.3	Mar. 2,	0.6	Mar. 2	-11.1	Lowther Hill	Aug. 12	19.0	Oct. 6	10.5	Mar. 2	-7.2	Mar. 3	-11.5
Strathrye	May 14, 15,	22.8	June 30, July 21	12.8	Dec. 28	-1.7	Mar. 2	-13.3	Leadhills	May 14,	23.3	Aug. 12	14.4	Jan. 29	-3.3	Mar. 2	-15.0
Ardtaraig	May 14	25.6	June 30, Aug. 15	12.8	Dec. 28	-1.1	Mar. 2	-12.2	Lanark	May 14	25.0	Aug. 12	13.3	Jan. 29	-1.7	Mar. 2	-11.7
Gleneagles	May 14	22.8	Aug. 15, Oct. 6	12.2	Mar. 3	-1.1	Mar. 2	-12.8	Carnwath	May 14	24.4	June 30, Sept. 22	12.2	Jan. 29	-2.8	Feb. 1,	-13.9
Pitlochry	May 14	23.3	June 30, Aug. 12	12.8	Feb. 2	-1.1	Mar. 2	-15.0	Camps Reservoir	May 14,	22.2	Aug. 12	13.9	Jan. 29,	-2.2	Mar. 2	-16.1
Faskally	May 14,	23.3	June 30, July 21,	13.3	Feb. 2	-0.6	Mar. 2	-13.9	Hunterston	Aug. 12	23.3	Aug. 12	16.1	Mar. 1, 3	1.7	Mar. 2	-6.1
Perth	June 9	23.3	June 30, Aug. 18	13.3	Jan. 28,	0.6	Mar. 2	-13.9	Largs	Aug. 13	25.0	Aug. 13	16.7	Dec. 28	2.8	Mar. 2,	-3.9
Inveralmond	June 9, 29	23.3	June 30, July 21,	13.3	Jan. 28,	-0.6	Mar. 2	-16.1	Barr	Aug. 12	23.9	Aug. 12	14.4	Dec. 27	0.6	Mar. 2</	

*DISTRICT AND PLACE	WARMEST				COLDEST				*DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C		Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C
6a SCOTLAND W.—cont.									3 ENGLAND, E.—cont.								
West Freugh	Aug. 13	21.0	Aug. 12, 13	14.5	Mar. 3, 4	0.8	Mar. 2	-11.0	Maldon	Aug. 19	26.7	July 29, Sept. 25	15.0	Dec. 28	0.6	Dec. 29	-7.2
Penwhirn	July 21, Aug. 12	21.7	Aug. 12	14.4	Jan. 28, Mar. 3	0.6	Mar. 2	-12.2	Earl's Colne	May 14	25.6	July 13	15.0	Dec. 27, 28	0.6	Mar. 3, Nov. 15, Dec. 29	-6.7
Mull of Galloway	June 9	22.2	Aug. 12	14.5	Mar. 1	0.4	Mar. 2	-3.8	Shoeburyness	Aug. 18	24.1	Aug. 16	16.5	Mar. 4	-0.2	Mar. 3	-6.0
Newton Stewart	Aug. 13	22.8	July 20, Aug. 14	13.9	Mar. 3, Dec. 27	0.0	Mar. 2	-10.0	Clacton	June 13, Aug. 18	23.3	Aug. 5, 12, 13, 14	16.1	Mar. 3	1.1	Mar. 3	-6.7
6b ISLE OF MAN									Walton-on-Naze	Aug. 18	23.1	Aug. 12, 14	16.6	Dec. 28	0.0	Mar. 3	-6.5
Ronaldsway	Aug. 13	20.4	Aug. 14	14.8	Mar. 4	1.5	Mar. 2	-6.7	Dovercourt	Aug. 5, 18	23.9	Aug. 5, 12, 13, 14	(17.2)	Dec. 28	0.6	Dec. 29	-7.2
Douglas	Aug. 13	20.6	Aug. 12, 14	15.0	Mar. 1, 3	0.6	Mar. 2	-5.6	4 MIDLAND COUNTIES								
Point of Ayre	Aug. 18	22.6	Aug. 12	15.0	Mar. 2	-0.8	Mar. 3, Dec. 28	-3.5	Sladburn	May 14	24.4	Aug. 15	13.9	Mar. 1	-1.1	Mar. 2	-10.0
2 ENGLAND, N. E.									Malham Tarn	May 14	22.8	July 21	13.9	Mar. 1, 3	-2.8	Mar. 3	-11.1
Kielder Castle	May 14	24.4	June 21	14.4	Mar. 2, Dec. 27, 28	-1.7	Mar. 2	-13.9	Huddersfield	May 13	26.7	July 13	15.0	Mar. 1, Nov. 15, 16	0.6	Mar. 3	-10.6
Haydon Bridge	May 14	25.6	Aug. 18	15.6	Jan. 29	-2.2	Mar. 2	-16.1	Huddersfield (Oakes)	May 13	26.3	Aug. 15	14.0	Mar. 2, 3	-0.3	Mar. 3	-9.3
Corbridge	May 13	25.6	Aug. 4, 12, 18	14.4	Jan. 29, Mar. 2	-0.6	Mar. 2	-15.0	Bradford	May 13	26.7	July 13, Aug. 15	14.4	Dec. 27	-0.6	Mar. 2, 3	-8.3
Berwick-on-Tweed	May 13	22.2	Sept. 22	14.4	Mar. 1, 2, Dec. 27	0.6	Mar. 2	-7.8	Ilkley	May 13	26.7	July 13	15.0	Mar. 1	0.0	Mar. 3	-11.7
Cockle Park	May 13	22.8	June 30	13.9	—	—	Mar. 3	-8.3	Harrogate	May 13	25.6	June 13	14.4	Mar. 1, 3, Dec. 27	0.6	Mar. 3	-12.8
Acklington	May 13	23.6	Aug. 16	13.1	Dec. 27	-0.4	Mar. 3	-9.3	Sheffield	May 14	26.7	May 14, July 13	14.4	Mar. 2	0.0	Mar. 3	-8.3
Tynemouth	May 13	23.6	June 30	15.8	Dec. 27	-0.3	Mar. 3	-8.0	Wakefield	May 13, 14	27.8	Aug. 15	15.6	Mar. 1	0.6	Mar. 3	-9.4
Seahouses	May 13	23.4	Sept. 22	14.4	Dec. 27	-0.2	Mar. 2	-9.4	Rotherham	May 14	26.1	June 13	15.6	Mar. 2, 3, Dec. 27	0.6	Mar. 3	-10.0
Chopwellwood	May 14	26.7	Aug. 12, 16	13.9	Mar. 2	-1.1	Mar. 3	-10.6	Pontefract	May 13, 14	25.0	June 15, Sept. 16	15.0	Mar. 1	0.0	Mar. 3	-8.9
Ushaw	May 13	25.0	June 30, July 24	13.3	Dec. 27	-2.2	Mar. 3	-11.7	Bramham	May 13	25.6	Aug. 15, 16, Sept. 16	13.9	Mar. 2	-1.1	Mar. 3	-11.1
Houghall	May 13	26.1	Aug. 6, 16	13.9	Mar. 2	0.0	Mar. 3	-20.0	Cawood	May 13, 14	26.1	Sept. 16	15.0	Mar. 2	-1.1	Mar. 3	-13.3
Durham	May 13	25.0	Aug. 12, 15, 16, Sept. 22	12.8	Jan. 21, Nov. 25, Dec. 27	0.6	Mar. 3	-12.2	Askham Bryan	May 14	25.6	Aug. 16, Sept. 16	14.4	Mar. 2	-0.6	Mar. 3	-10.0
West Hartlepool	May 13	26.1	Sept. 16	14.4	Dec. 27	0.6	Mar. 3	-10.0	Buxton	May 14	24.4	July 13	12.8	Mar. 2, Dec. 27	-1.7	Mar. 3	-10.6
Dishforth	May 13	27.0	Sept. 16	15.2	—	—	Mar. 3	-11.1	Chapel-en-le-Frith	May 14	25.6	Sept. 16	13.3	Mar. 3	-0.6	Dec. 28	-12.2
Thirsk	May 13	25.6	Sept. 16	15.0	Mar. 3	0.0	Mar. 3	-11.7	Mackworth	May 14	25.6	June 12, July 13, 19, 29	15.6	Mar. 2	-0.6	Mar. 3	-13.9
York	May 13, 14	24.4	Aug. 16	15.0	Dec. 28	-1.1	Mar. 3	-9.4	Belper	May 14	26.7	June 21	15.0	Jan. 29	0.5	Mar. 3	-13.3
Ampleforth	May 13, 14	23.9	June 15	14.4	Jan. 4	-0.6	Mar. 3, Dec. 29	-0.6	Derby	May 14	27.2	June 13, 29	15.0	Nov. 15	0.6	Mar. 3	-12.8
Redcar	May 13	26.7	Aug. 12	15.6	Mar. 2	0.6	Mar. 3	-8.9	Morley	May 14	26.1	—	—	Mar. 1, 2, Nov. 15, Dec. 27	0.0	Mar. 3	-11.1
Pickering	May 14	25.0	June 15, Aug. 15	14.4	Jan. 4	-0.6	Mar. 3	-15.0	Chesterfield	May 14	27.8	June 13	15.0	Dec. 27	0.0	Mar. 3	-12.2
Whitby	May 13, 14	25.6	June 15	14.4	Mar. 2, Dec. 27	1.1	Mar. 3	-8.3	Sutton Bonington	May 14	25.6	June 13, 29, Sept. 16	14.4	Mar. 1, 2, Nov. 14, 15, Dec. 27	0.6	Mar. 3	-12.2
Scarborough	May 13	25.0	Sept. 16	15.0	Dec. 27	0.6	Mar. 3	-6.1	Watnall	May 14	27.6	June 13, Sept. 16	14.3	Nov. 15	-1.4	Mar. 3	-10.6
Silpho Moor	May 13	24.4	May 14, June 15	12.8	Dec. 27	-1.1	Mar. 3	-8.3	Nottingham T.C.	May 14	27.8	Aug. 10	14.9	Dec. 27	-0.9	Mar. 3	-10.0
Whitby C.G.	Mar. 29	25.0	Aug. 12	15.1	Mar. 1	0.8	Mar. 3	-8.5	Mansfield	May 14	27.8	June 13	15.0	Mar. 2, Nov. 15	0.0	Mar. 2, 3	-7.8
High Mowthorpe	May 13	23.3	Sept. 16	13.9	Mar. 2	-1.7	Mar. 3	-8.9	Nottingham	May 14	26.7	June 29	16.1	Jan. 28, Mar. 1, 2, 4, Nov. 15, Dec. 28	1.7	Mar. 3	-7.2
Hull	May 13, 14	24.4	June 15, July 13, Aug. 12, 15	15.0	Dec. 27	1.1	Mar. 2, 3	-6.1	Warsop	May 14	25.0	June 15, Sept. 16	14.4	Mar. 2, Nov. 15, Dec. 27	0.6	Mar. 3	-13.9
Leconfield	May 13, 14	24.0	Sept. 16	15.3	Dec. 27	0.4	Mar. 3	-9.4	Finningley	May 14	26.0	Aug. 15	15.5	Jan. 22, Nov. 29	1.5	Mar. 3	-9.3
Filey	May 13	23.3	Sept. 16	14.4	Dec. 27	0.0	Mar. 3	-9.4	Newtown Linford	May 14	25.6	Sept. 16	14.4	Nov. 14, 15	-0.5	Mar. 3	-11.1
Bridlington	Mar. 29, May 14, June 28, Aug. 5	21.7	Sept. 16	14.4	Mar. 1	-0.6	Mar. 3	-7.8	Caldecott	May 14	26.1	June 13, 22, July 13, 14, 29, Sept. 16	13.9	Nov. 15, Dec. 27	0.0	Mar. 3	-10.6
Kilnsea	Aug. 5	22.0	Aug. 5, 19	15.0	Dec. 27	-1.0	Mar. 3, Dec. 28	-5.0	Bugbrooke Mills	May 14	25.0	July 13	13.9	Nov. 15	-0.5	—	—
Navenby	May 14	25.6	June 13, Sept. 16	15.0	—	—	Mar. 3	-11.7	Raunds	May 14	27.2	July 13	15.0	Dec. 27	-0.5	—	-12.8
Waddington	May 14	25.0	June 13	14.9	Nov. 15	-0.7	Mar. 3	-9.1	Marholm	May 14	26.7	June 29, July 13, Sept. 16	14.4	Mar. 2, Nov. 15, Dec. 27	0.0	Mar. 3	-15.0
Lincoln	May 14	26.1	June 12, 13	15.0	Dec. 27	-0.6	Mar. 2	-9.4	Wittering	May 14	25.7	June 13, 29	15.1	Nov. 15	-2.0	Mar. 3	-12.0
Cranwell	May 14	24.9	June 13, Aug. 15	14.8	Mar. 3	-1.0	Mar. 3	-9.9	Birmingham (K.E.S.)	May 14	25.0	June 12, 29	14.4	Mar. 2	-0.6	Mar. 3	-8.3
Brigg	May 14	26.1	Aug. 15	14.4	Dec. 27	0.0	Mar. 3	-8.9	Edgbaston	May 14	25.4	Aug. 15	14.4	Mar. 2	-0.6	Mar. 3	-7.4
Cleethorpes	May 14	25.0	Aug. 15	15.6	Mar. 3, Dec. 27, 28	1.1	Mar. 3	-7.2	Luddington	May 14	26.7	June 13, 15, 29, July 13, 14, 29, Aug. 19	13.9	Mar. 4	-0.6	Mar. 3	-11.7
Manby	May 14	25.0	Aug. 15	14.9	Mar. 3	-0.4	Mar. 3	-12.6	Stratford-on-Avon	May 14	26.7	June 13, July 13, Sept. 16	14.4	Mar. 4	-0.6	Mar. 3	-11.7
Skegness	May 9, Aug. 19	25.0	Aug. 15	15.6	Mar. 2, 3, Dec. 27	0.6	Mar. 3	-13.3	Elmton	May 14	25.6	June 29	14.7	Nov. 15	-1.7	Mar. 3	-11.6
3 ENGLAND, E.									Shipston-on-Stour	May 14, Aug. 12	25.0	June 13, 29, July 14, Aug. 19, Sept. 16	13.9	Mar. 4	-1.7	Mar. 3	-8.3
Terrington St. Clement	May 14	27.2	July 24	15.6	Mar. 3	-0.6	Mar. 3	-14.4	Wellesbourne	May 14, Aug. 12, 13	25.0	June 29, Sept. 16	14.4	Mar. 4	-0.6	Mar. 3	-10.0
Marham	May 14	26.3	July 13	15.4	Nov. 15	-1.6	Dec. 29	-8.6	Moreton Morrell	May 14	25.6	June 13, Sept. 16	14.4	Dec. 27	-0.5	Mar. 3	-8.9
Santon Downham	May 14	28.3	July 13	15.0	Dec. 28	0.0	Nov. 15, Dec. 29	-11.1	Coventry	May 14	26.7	June 29	15.0	Nov. 15, Dec. 27	0.0	Mar. 3	-9.4
West Raynham	May 14	25.6	June 29	14.6	Nov. 15	-0.6	Mar. 3	-11.0	Rugby	May 14	25.6	June 29	15.0	Mar. 4, Nov. 15	-0.6	Mar. 3	-8.9
Cromer	May 14	26.7	May 15, June 13, July 13, Aug. 11, 15, 19	14.4	Mar. 2	0.0	Mar. 3	-7.8	Oxford	May 14	27.2	June 13, July 13, Aug. 19, Sept. 16	15.0	Mar. 4	-1.1	Mar. 3	-6.7
Sproston	May 14	25.6	Aug. 15	15.6	Mar. 2, Dec. 28	0.6	Mar. 3	-10.0	Medmenham	May 14	26.7	July 12, 13, 29, Oct. 8	14.4	Dec. 28	0.0	Mar. 3, Dec. 28, 29	-10.6
Coltisham	May 14	25.6	July 13	15.6	Mar. 4	0.5	Mar. 3	-10.7	Grendon Underwood	May 14	26.7	July 13, Aug. 19	14.4	Mar. 4	-0.6	Mar. 3	-11.7
Burlingham	May 14	25.6	July 13	15.6	Mar. 2	1.1	Mar. 3	-7.8	Aylesbury	May 14	26.7	June 13, July 13, Aug. 19	14.4	Dec. 27	-1.1	Mar. 3	-11.1
Gorleston	Aug. 5	25.0	Aug. 15	16.4	Dec. 28	1.0	Mar. 3	-5.2	Bletchley	May 14	27.2	Aug. 19	15.0	Mar. 4	-0.6	Mar. 3	-10.0
Mildenhall	May 14	26.1	July 13	15.9	Nov. 15	-1.8	Mar. 3	-8.2	Keele	May 14, Aug. 12	23.3	Sept. 16	13.9	Dec. 27	-1.1	Mar. 3	-9.4
Broom's Barn	May 14	26.1	July 13	15.0	Dec. 27	-1.1	Mar. 3	-10.0	Oaken	May 14	25.6	June 29	13.9	Mar. 4	-0.6	Mar. 3	-10.6
East Bergholt	Aug. 18	24.4	July 13	15.0	Dec. 27, 28	1.1	Dec. 29	-7.8	Stone	May 14, Aug. 12	24.4	Sept. 16	14.4	Dec. 27	-1.1	Mar. 3	-10.0
Wattisham	May 14	25.6	July 13	15.2	Nov. 15	-1.3	Mar. 3	-8.1	Penkridge	May 14	26.0	June 29, Aug. 5	13.9	Dec. 27	-1.1	Mar. 3	-11.7
Aldeburgh	Aug. 5	24.0	Aug. 14	16.3	Dec. 28	-0.2	Mar. 3	-6.4	Walsall	May 14	26.1	June 29	13.9	Nov. 15	-1.1	Mar.	

TABLE V (continued)—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1965 AT EACH STATION

*DISTRICT AND PLACE	WARMEST				COLDEST				*DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C		Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C
4 MIDLAND COUNTIES—cont.																	
Preston Wynne	Aug. 12	25.6	Sept. 16	14.4	Mar. 4	-0.6	Mar. 7	-12.2	ENGLAND, S.E.—cont.								
Avenmouth	—	—	July 11, 13, Aug. 5, 9	15.6	Mar. 4	0.6	Mar. 3	-6.1	Alice Holt Lodge	May 14	26.1	July 13, Aug. 19, Sept. 25	14.4	Mar. 4	-1.1	Mar. 7	-10.6
Filton	May 14	25.9	Aug. 19	15.5	Mar. 3	-13.6	Mar. 3	-8.3	South Farnborough	May 14	27.3	Sept. 25	15.1	Mar. 4	-0.8	Mar. 3	-11.0
Hempsted	May 14, Aug. 12	26.1	Aug. 15, 19	15.6	Mar. 4	-0.6	Mar. 3	-9.4	St. Catherine's Point	Aug. 17	22.8	Aug. 12	16.5	Dec. 27	2.0	Mar. 3	-4.5
Gloucester	May 14	27.2	Aug. 19	16.1	Mar. 4	-0.5	Mar. 3	-8.5	Ventnor	Aug. 16, 17	21.1	Aug. 12	16.1	Jan. 3	0.0	Mar. 3	-5.6
Cheltenham	May 14	26.7	Aug. 14, 15	15.6	Dec. 27	-1.1	Mar. 3	-7.8	Shanklin	May 14	23.3	Aug. 13, 19	16.1	Jan. 3, 28, Feb. 21	1.7	Mar. 3	-7.2
Chirencester	May 14, Aug. 12, 13	24.4	June 13, July 13, Aug. 14, 19	13.9	Nov. 15, Dec. 27	-0.5	Mar. 3	-10.0	Sandown	June 29	22.8	Aug. 13	16.7	Dec. 27	-2.8	Mar. 3	-7.8
Little Rissington	May 14	24.6	July 13, Aug. 19	13.9	Nov. 15	-2.9	Mar. 3	-7.5	Ryde	May 14	23.9	Aug. 12	16.7	Mar. 2	1.7	Mar. 3	-5.0
5 ENGLAND, S. E.									Lacock	Aug. 12, 13	25.6	Aug. 4, 19	15.0	Mar. 4	-0.6	Mar. 3	-10.0
Kensington Palace	May 14	28.9	July 13, Aug. 12, 19	15.6	Mar. 4, Dec. 28	1.1	Mar. 3, Dec. 28, 29	-5.6	West Lavington	May 14	25.0	July 11, 12, 13, Aug. 19	13.9	Nov. 15	-1.7	Mar. 7	-9.4
St. James Park	May 14	27.8	Aug. 14	16.7	Mar. 4	0.6	Dec. 28	-5.6	Lyneham	May 14, Aug. 12	24.8	Sept. 25	14.5	Nov. 15	-2.8	Mar. 3	-8.0
Regents Park	May 14	27.8	July 13, Aug. 19, Sept. 25	15.6	Mar. 4	0.6	Mar. 3, Dec. 29	-6.7	Chiseldon	May 14	26.1	June 13, July 12, 13, 14, Oct. 8	13.9	Mar. 4	-1.7	Mar. 3	-9.4
Camden Square	May 14	29.4	Aug. 19	16.1	Mar. 4	0.6	—	—	Larkhill	May 14	25.4	July 12	14.2	—	—	—	—
Greenwich M.M.	May 14	27.8	July 13	16.1	Dec. 27	0.6	Mar. 3	-6.7	Boscombe Down	May 14	25.4	July 12	14.8	Mar. 4	-1.0	Mar. 3	-9.6
London Airport	May 14	27.4	Aug. 12	16.0	Mar. 4	-0.3	Mar. 3	-7.4	Upavon	May 14	24.8	July 12	14.5	Mar. 4	-1.5	Mar. 3	-8.3
Hampton	May 14	27.2	July 13, Aug. 4, 19	15.6	Mar. 4	0.0	Mar. 3, Dec. 28	-6.7	Porton	May 14	25.5	July 12	14.2	Mar. 4	-0.9	Mar. 7	-10.5
Southgate	May 14	28.3	Aug. 19	15.6	Mar. 4	0.0	Mar. 3	-6.7	7a ENGLAND, N.W.								
Wisley	May 14	27.2	June 13	15.6	Dec. 27	0.6	Mar. 3, Dec. 28	-8.3	Sellafield	Aug. 12	25.0	Aug. 12, 14	16.1	Jan. 3	1.1	Mar. 2	-7.2
Mickleham	May 14	26.1	July 13	15.0	Nov. 15, Dec. 28	-0.5	Dec. 28	-12.2	Carlisle	Aug. 12	24.1	Aug. 12	16.2	Dec. 28	-2.0	Mar. 2	-16.2
Kew	May 14	27.1	July 13	16.1	Mar. 4	0.1	Dec. 28, 29	-6.1	Newton Rigg	May 13	23.3	Aug. 16	14.4	Mar. 2	-2.2	Mar. 2	-13.9
Gatwick	May 14	26.3	July 13	14.8	Mar. 4	-0.2	Mar. 3	-11.3	Spadeadam	May 14, Oct. 5	21.7	Aug. 12	13.3	Mar. 2	-3.3	Mar. 2	-12.8
Waddon	May 14	27.2	July 12, 13, 29, Aug. 12, 16	15.0	Mar. 4, Dec. 27	0.6	Dec. 28	-7.8	Ambleside	May 13, Aug. 12	24.4	Aug. 16	15.0	Mar. 1, 3, Dec. 28	0.6	Mar. 2	-8.9
Addington	May 14	26.7	July 13, Aug. 12	14.4	Mar. 4	-0.6	Mar. 3, Dec. 28	-6.7	Great Dun Fell	Aug. 12	19.1	Oct. 6	11.7	Mar. 3, Nov. 25	-7.0	Mar. 2	-11.8
Bromley	May 14	27.8	July 13	15.6	Jan. 28	0.6	Dec. 28	-7.2	Moor House	May 14	22.2	Aug. 16	12.2	Mar. 2	-6.1	Mar. 2	-16.1
Swanley	May 14	27.2	July 13	15.0	Dec. 27	0.0	Mar. 3	-8.9	Squires Gate	Aug. 13	25.6	Aug. 19	14.6	Dec. 28	0.8	Mar. 2	-8.7
Dartford	May 14	27.8	July 13	15.6	Dec. 27, 28	0.6	Dec. 28	-8.3	Urwick	May 13, 14	24.4	Aug. 12	15.0	Mar. 1	0.6	Mar. 2	-9.4
West Malling	May 14	25.2	Sept. 25	14.9	Mar. 4	-0.9	Dec. 29	-9.4	Southport	May 13, Aug. 12, 13	25.0	July 13, 21, Aug. 12, 19	14.4	Jan. 3, 25, Mar. 2, Dec. 28	1.1	Mar. 2	-8.9
Goudhurst	May 14	26.7	July 12, Aug. 16, 27	14.4	Dec. 27	0.0	Dec. 28	-9.4	Poulton-le-Fyde	May 13	25.0	June 16, July 13	15.0	Mar. 2	-0.6	—	—
East Malling	May 14	26.1	July 12, Aug. 16	15.0	Dec. 27	0.6	Dec. 29	-8.3	Grizdale	Aug. 12	25.6	July 21, Aug. 16	13.3	Mar. 2, 3	0.6	Mar. 2	-12.2
Gillingham	May 14	26.1	May 15, Aug. 16, 19	15.6	Dec. 28	0.6	Dec. 29	-7.8	Speke	Aug. 12	25.8	July 13	15.3	Mar. 2	0.6	Mar. 3	-7.3
Sittingbourne	May 14	25.0	July 12, Aug. 27, Sept. 25	14.4	Jan. 3, Mar. 4, Dec. 27	0.6	Dec. 28	-6.1	Kirkham	May 13, Aug. 12	25.0	Aug. 15	15.0	Mar. 1	0.6	Mar. 2	-10.6
Isle of Grain	May 14	25.0	Aug. 12, 14, 16, 19	16.1	Nov. 22	1.1	Mar. 3	-5.6	Garstang	Aug. 12	24.4	Aug. 12	16.7	Mar. 2	0.0	Mar. 2	-10.0
Faversham	May 14	26.1	July 12, Aug. 16, 19	15.0	Mar. 2, Dec. 28	0.6	Dec. 29	-7.2	Morecambe	Aug. 12	25.6	Aug. 12	16.7	Dec. 27	0.6	Dec. 28	-8.3
Dungeness	Aug. 11	21.3	Aug. 14	15.9	Feb. 21, Mar. 2	1.7	Mar. 3	-8.7	Penketh	May 13, 14	25.6	July 13	14.4	Jan. 4	0.0	Mar. 2	-8.3
Wye	—	—	—	—	Feb. 20, Mar. 3, Dec. 28	1.1	Dec. 29	-7.8	Preston	May 13, Aug. 12	25.0	Aug. 12	15.0	Dec. 27	0.6	Mar. 2	-9.4
Whitstable	May 14	26.7	July 12, Aug. 16, Sept. 25	15.6	Mar. 2	1.1	Dec. 29	-7.2	Stonyhurst	May 13, 14	25.0	Aug. 12, 15	14.4	Mar. 1	0.0	Mar. 2	-8.9
Folkestone	Aug. 5, 13	22.8	Aug. 16	15.6	Feb. 21, Mar. 2	1.1	Mar. 3	-6.1	Helmshore	May 14	23.9	Aug. 12	15.0	Mar. 1	-1.7	Mar. 3	-8.9
Elmstone	May 14	26.7	Aug. 16	15.6	Dec. 28	0.0	Dec. 29	-8.3	Burnley	May 14	25.0	July 13, Aug. 12	13.3	Mar. 2	-1.1	Mar. 2	-11.1
Herne Bay	May 14	27.2	Aug. 16	16.7	Mar. 2	1.1	Mar. 3, 4	-4.4	Nelson	May 14	25.0	July 13, Aug. 16	13.9	Mar. 2	-1.1	Mar. 2	-10.6
Dover	Aug. 13	22.8	Aug. 14, 16, 19	16.1	Feb. 20, 21, Mar. 4	1.7	Mar. 3	-5.0	Rochdale	May 14	25.0	July 13	14.4	Dec. 26	0.0	Jan. 4, Mar. 3	-8.9
Deal	Aug. 14	24.8	Aug. 16	16.1	Mar. 4	0.4	Mar. 3	-4.6	Bidston	Aug. 12	25.6	Aug. 14	15.6	Mar. 2	0.0	Mar. 3	-7.2
Manston	May 14	24.4	Aug. 16	15.5	Mar. 4	-0.4	Dec. 29	-6.5	Winnington	May 13, 14	25.6	Aug. 14	15.6	Dec. 27	0.0	Mar. 3	-7.8
Ramsgate	Aug. 5	24.4	Aug. 16	16.1	Mar. 3	1.1	Mar. 3	-3.9	Knutsford	May 14	26.7	Aug. 12	13.9	Dec. 27	-0.6	Dec. 28	-8.3
Margate	Aug. 12	25.0	May 15	16.7	Mar. 2	0.6	Mar. 3	-3.9	Ringway	Aug. 12	25.0	Sept. 25	14.8	Dec. 28	-1.1	Dec. 29	-7.2
Thorney Island	Aug. 12	24.6	Aug. 19	16.5	Mar. 4	0.7	Mar. 3	-6.6	Macclesfield	May 14	26.1	Aug. 12, 14	15.0	Jan. 3	-0.6	Mar. 2	-7.8
Bognor Regis	Aug. 12	22.2	Aug. 19	16.1	Mar. 4	1.1	Mar. 3, Dec. 28	-6.1	7b NORTH WALES								
Fernhurst	May 14, Aug. 13	25.6	Aug. 28	16.1	Mar. 4	0.0	Mar. 7	-10.6	Rhyl	Aug. 12	26.7	Aug. 14	16.1	Mar. 2, 3	1.1	Mar. 2	-10.6
Littlehampton	Aug. 12	23.3	Aug. 19	17.8	Mar. 4	0.6	Mar. 3, Dec. 29	-6.7	Prestatyn	May 13, Aug. 12	25.6	Aug. 12	16.1	Mar. 1, 2	0.6	Mar. 2	-7.8
Rustington	Aug. 12	23.3	Aug. 19	16.1	Mar. 5	0.0	Mar. 3	-6.7	Hawarden Bridge	Aug. 12	25.6	June 13	15.6	Mar. 1, 2, Nov. 14, 15	1.1	Mar. 3	-11.7
Worthing	June 29, Aug. 12	22.8	Aug. 14	17.2	Mar. 4	0.0	Mar. 3	-5.6	Valley	Aug. 13	27.8	Aug. 14	15.8	Mar. 2	1.9	Mar. 2	-4.5
Brighton	Aug. 12	25.0	Aug. 12, 14	17.2	Mar. 4, Dec. 27	1.1	Mar. 3	-6.1	Colwyn Bay	Aug. 12	26.1	Aug. 12, 14	15.6	Mar. 1	1.1	Mar. 2	-7.8
East Hoathly	May 14, Aug. 12, 13	23.9	Aug. 19, Sept. 25	15.9	Mar. 4	-0.3	Mar. 3	-10.5	Alwen	May 13	23.9	Aug. 14	12.8	Mar. 2	-2.2	Mar. 2	-17.2
Eastbourne	May 14, Aug. 15	21.7	Aug. 12, 14	16.7	Mar. 4	1.1	Mar. 3	-6.1	Ruthin	May 13, 14	25.0	July 13	13.9	Mar. 1, 2, 3, 4, Nov. 14	0.6	Mar. 2	-15.0
Bexhill	Aug. 12	23.3	Aug. 12, 13	17.2	Jan. 28, Feb. 20, Mar. 4	1.7	Mar. 3, Dec. 28, 29	-5.6	Loggerheads	May 13	25.0	July 13	13.9	Mar. 2	-2.2	Mar. 3	-19.4
Bodiam	May 14	25.6	Aug. 19	15.6	Feb. 21, Mar. 2	1.1	Dec. 29	-8.9	Bwlchwyn	May 13, Aug. 12	22.2	May 14, Aug. 12	12.8	Mar. 2	-4.4	Mar. 2	-11.7
Hastings	Aug. 12, 13	23.3	Aug. 12, 14	16.7	Feb. 20, 21, Mar. 4	1.1	Mar. 3	-6.1	Wrexham	Aug. 12	25.0	July 13, Aug. 14, Sept. 16	14.4	Mar. 2, Nov. 14, 15	0.0	Mar. 3	-10.6
Letcombe Regis	May 14	27.2	June 13, July 13, Sept. 16	14.4	Mar. 4, Dec. 27	-0.6	Mar. 3	-8.9	Bardsey Island	Aug. 13	20.9	Aug. 13	15.4	Mar. 4	1.7	Mar. 3	-5.1
Abingdon	May 14	26.9	June 13	14.9	Nov. 15	-2.9	Mar. 3	-10.0	Botwnnog	Aug. 12	25.0	Aug. 13	16.1	Mar. 1	1.1	Mar. 2	-7.8
Wallingford	May 14	26.1	July 11, 13	15.0	Mar. 4	-0.6	Mar. 3, Dec. 28	-10.6	Bryn Adda	Aug. 12	26.7	Aug. 13	17.8	Mar. 1	0.6	Mar. 2	-7.2
Shinfield	May 14	27.2	Aug. 19	15.6	Dec. 27	0.6	Mar. 7	-8.3	Cwm Dyli	Aug. 12, Oct. 5	25.6	Aug. 14	15.0	Mar. 1, 3	0.6	Mar. 3	-10.6
Reading	May 14	27.8	Aug. 19	15.8	Mar. 4	0.0	Mar. 3	-11.1	Aber	Aug. 12	26.1	Aug. 14	15.6	Mar. 3	1.7	Mar. 2	-5.0
Finchampstead	May 14	27.2	Aug. 19	15.0	Mar. 4	0.0	Mar. 3, 7	-9.4	Corwen	May 13	25.6	July 13	14.4	Mar. 1, 2, 4	0.0	Mar. 3	-21.7
Hurley	May 14	27.2	July 13, Aug. 19	15.0	Mar. 4	0.6	Dec. 28, 29	-11.7	Ceunws	May 13, 14	26.1	Aug. 6	14.4	Mar. 1, 2, Nov. 15, Dec. 27	1.1	Mar. 2, 3	-13.3
Bracknell	May 14	27.2	Aug. 19	15.6	Mar. 4	0.0	Mar. 3	-9.4	Lake Vyrnwy	May 13, Aug. 12	23.3	July 13, Aug. 5, 12, 14	12.8	Mar. 2, 4	-1.7	Mar. 2	-8.3

TABLE V (continued)—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT IN THE YEAR 1965 AT EACH STATION

* DISTRICT AND PLACE	WARMEST				COLDEST				* DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT			DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date			Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
8b ENGLAND, S.W.—cont. Cannington	May 14	25.6	Aug. 14	16.7	Jan. 28, Mar. 2, 4, Dec. 27	1.1	Mar. 3	-7.8	9 NORTHERN IRELAND.—cont. Somerset Forest	May 13	22.8	Aug. 12	15.0	Mar. 3, Dec. 27	1.1	Mar. 2	-7.8
Weston-super-Mare	Aug. 12	26.1	July 13, 29, Aug. 5, 14, Oct. 8	15.0	Dec. 27	0.6	Mar. 3	-6.1	Garvaghy Forest	May 13	22.8	Aug. 12	15.0	Dec. 27	0.6	Mar. 2	-8.3
Yeovilton	Aug. 12	25.3	Aug. 19	15.8	Dec. 27	1.1	Mar. 3	-10.0	Moneydig	June 29	22.7	Aug. 12	15.2	Dec. 28	2.8	Dec. 28	-9.6
Long Ashton	May 14	26.1	Aug. 19	15.6	Mar. 4	0.5	Mar. 3	-8.3	Ballymoney	May 13	22.8	Aug. 12, 14	15.0	Dec. 27	0.0	Dec. 28	-9.4
Wincanton	May 14	25.0	July 12, Aug. 19, Oct. 8	14.4	Dec. 27	0.0	Mar. 3	-10.0	Lisnafillan	May 13, June 29, Aug. 12	22.2	Aug. 14, 18	14.4	Dec. 27	0.0	Dec. 29	-12.2
Bath C.B.S.	May 14	25.0	Aug. 14	15.0	Mar. 4, Nov. 15	0.0	Nov. 15	-7.2	Aldergrove	May 13	22.3	Aug. 12, 14	14.6	Dec. 28	2.0	Mar. 2	-9.9
Lyme Regis	June 30	23.3	Aug. 13	16.1	Jan. 29, Dec. 27	1.7	Mar. 3	-7.2	Greenmount	May 13	22.8	Aug. 12, 18	15.0	Dec. 27	0.0	Mar. 2	-11.1
Portland Bill	June 29	21.2	Aug. 13	16.1	Mar. 2	2.0	Mar. 3	-4.3	Parkmore Forest	May 13	21.7	Aug. 12	13.3	Mar. 4	0.6	Mar. 2	-10.0
Weymouth	June 10, Aug. 17	22.2	Aug. 12, 13, 14	15.6	Mar. 2	1.7	Mar. 3	-7.2	Black Mountain	June 29	20.0	Aug. 14	13.5	Mar. 2	1.5	Mar. 2	-9.6
Wimfrith	Aug. 13	25.0	Aug. 19	15.0	Mar. 2, Dec. 27	1.1	Mar. 3	-10.0	Ballypatrick Forest	May 13	22.8	Aug. 12, 18	13.3	Mar. 1, 3	0.6	Mar. 2	-8.3
Shaftesbury	May 14	24.4	Aug. 19	14.4	Mar. 2, 4	0.5	Mar. 3	-8.3	Newtown Abbey	June 10	21.7	Aug. 12	15.6	Mar. 1, 2	1.7	Mar. 2	-7.2
Swanage	Aug. 16	22.8	Aug. 13	16.7	Jan. 3, Mar. 2	1.7	Mar. 3	-10.6	Larne	Aug. 12	22.8	Aug. 12, 14, 18	14.4	Mar. 2	0.0	Mar. 2	-7.8
Poole	Aug. 12	24.4	Aug. 19	16.1	Dec. 27	1.1	Mar. 3	-8.3	Kilroot	Aug. 12	20.6	Aug. 12	15.0	Mar. 1, Dec. 27	1.7	Dec. 28, 29	-4.4
Hartland Point	Aug. 12	25.2	Aug. 13	16.8	Mar. 2	1.1	Mar. 3	-4.4	Newry Abbey	June 29	23.3	Aug. 14, 18	15.6	Mar. 1, Dec. 27	1.7	Mar. 2	-12.8
Mount Batten	Aug. 12	23.9	Aug. 13	16.2	Mar. 2	1.5	Mar. 3	-7.0	Hillsborough	May 13	22.2	Aug. 12, 18	14.4	Dec. 27	0.0	Mar. 2	-10.0
Plymouth Hoe	May 13, Aug. 12	23.9	Aug. 13	16.7	Jan. 27, Mar. 3	2.2	Mar. 3	-6.7	Kilkeel	July 1, Aug. 18	20.7	Aug. 18	14.9	Mar. 2	2.2	Mar. 2	-6.3
Tavistock	Aug. 12	26.7	July 12, Aug. 5, 12, 13	14.4	Mar. 3	0.0	Mar. 3	-10.0	Tollymore Park	May 13, Aug. 12	22.2	Aug. 18	15.0	Dec. 27	1.7	Mar. 2	-9.4
Chivenor	Aug. 12	25.5	Aug. 13	16.0	Dec. 28	0.2	Mar. 3	-6.2	Rosetta	June 10	22.2	Aug. 12, 18	15.0	Mar. 1, Dec. 27	1.7	Mar. 2	-10.0
Ilfracombe	Aug. 12	25.6	Aug. 13, 19	16.1	Mar. 2, 4	1.7	Mar. 3	-5.0	Stormont Castle	Aug. 12	22.2	Aug. 12	15.0	Dec. 27	1.1	Mar. 2	-7.2
Totnes	June 30	23.3	Aug. 13	16.1	Mar. 2, Dec. 27	1.7	Mar. 3	-10.6	Creighton's Green	Aug. 12	22.2	Aug. 12, 18	15.0	Dec. 27	1.1	Mar. 2	-10.6
Slapton	June 30	22.8	Aug. 19	16.1	Mar. 2	2.2	Mar. 2	-3.9	Reagh Island	June 9	21.7	Aug. 12, 14, 18	14.4	Mar. 1	1.7	Mar. 2	-6.7
Newton Abbot	—	—	Aug. 13	15.6	Mar. 2	0.6	Mar. 3	-9.4	Helen's Bay	Aug. 12	22.8	Aug. 12, 18	15.0	Mar. 1, 2, 3, Dec. 27	1.7	Mar. 2	-5.0
Paignton	June 30	23.9	Aug. 13, 19	16.1	Mar. 2	2.2	—	—	Killough	June 28	20.6	Aug. 12	14.0	Dec. 27	1.7	Mar. 2	-6.3
Torquay	July 1	24.4	Aug. 13	16.7	Mar. 2	2.2	—	—	Armagh	May 13, June 29	22.8	Aug. 12	15.6	Dec. 27	0.6	Mar. 2	-10.0
Teignmouth	Aug. 18	22.2	Aug. 13	16.7	Mar. 2	2.2	Mar. 3	-7.1	Loughgall	June 29	22.2	Aug. 12, 18	15.0	Dec. 27	0.0	Mar. 2	-10.6
Starcross	June 30	23.9	Aug. 13	16.7	Mar. 2, Dec. 27	1.7	Mar. 3	-8.3	Glenanne	Aug. 12	21.8	Aug. 12, 18	14.5	Mar. 1, 2	0.0	Mar. 2	-8.0
Exmouth	June 30	23.9	Aug. 13, 19	15.6	Mar. 2	1.1	Mar. 3	-6.7	Lough Bradan	May 13	22.2	Aug. 12, 13	14.4	Jan. 2, 27, Mar. 3, Dec. 27	0.6	Mar. 2	-9.4
Exeter	June 30	23.7	Aug. 13	17.0	Dec. 28	0.1	Mar. 3	-9.6	Baronscourt Forest	May 13, June 29	22.8	Aug. 12, 13	15.6	Jan. 2, Dec. 27	1.1	Dec. 28	-11.1
St. Mary's, Scilly	Aug. 12	21.0	Aug. 13	15.6	Mar. 2	2.3	Mar. 3	-1.5	Carrigans	June 29	23.0	Aug. 12	15.0	Dec. 28	0.0	Dec. 28	-11.5
Penzance	June 29, 30, Aug. 12	21.1	July 12	15.6	Mar. 1	2.8	Mar. 3	-6.7	Lislap Forest	May 13, June 29	22.2	Aug. 12	13.3	Dec. 27	0.0	Mar. 2	-10.0
Gulval	Aug. 12	22.2	Aug. 13	16.7	Mar. 1	1.7	Mar. 3	-5.0	Knockmoy Forest	Aug. 14	22.2	Aug. 12	15.0	Dec. 27	0.0	Dec. 28	-11.7
Culdrose	Aug. 12	22.8	July 12, Aug. 11, 13	15.0	Jan. 27, Mar. 1	2.2	Mar. 3	-6.1	Pomeroy Forest	June 29	23.3	Aug. 14	13.3	Jan. 3, Mar. 1	0.6	Mar. 2	-8.9
Rosewarne	Aug. 12	22.8	Aug. 12, 13	15.6	Mar. 1	1.7	Mar. 3	-6.7	Cookstown	May 13, June 29, Aug. 12	21.1	Aug. 14	14.4	Dec. 27	0.6	Mar. 2	-8.9
Lizard	June 30	21.9	Aug. 11, 13	15.2	Mar. 1	2.9	Mar. 3	-3.6	Roscor	Aug. 12	23.9	Aug. 13, 14	14.4	Mar. 2, Dec. 27	1.1	Mar. 2	-8.3
Falmouth	June 30	22.2	Aug. 13	16.1	Mar. 1	1.1	Mar. 3	(-6.7)	Lough Navar Forest	May 13, Aug. 11, 12	22.2	Aug. 13, 14	13.9	Mar. 2, 4	1.1	Mar. 2	-10.0
Newquay	Aug. 12	22.8	Aug. 13	16.1	Mar. 1	0.7	Mar. 3	-7.2	Ely Lodge	Aug. 12	22.4	Aug. 13	15.2	Dec. 27	0.0	Mar. 1	-7.6
St. Mawgan	Aug. 12	23.0	Aug. 13	15.3	Mar. 2	1.4	Mar. 3	-8.5	Castle Archdale	Aug. 12	23.3	Aug. 12, 13, 14	15.0	Dec. 27	0.0	Mar. 2	-9.4
St. Austell	June 29, 30	21.7	Aug. 13	16.7	Jan. 27	1.7	Mar. 3	-6.1	Forest	May 13	22.2	Aug. 12	15.0	Dec. 27	0.0	Mar. 2, Dec. 28	-10.0
Bude	Aug. 12	25.6	Aug. 13	16.7	Mar. 2	1.7	Mar. 3	-6.7	Pubble Forest	Aug. 12	22.2	Aug. 12	15.0	Dec. 27	0.0	Mar. 2, Dec. 28	-10.0
Ellbridge	Aug. 12	24.4	Aug. 13	16.7	Jan. 29, Mar. 2	2.2	Mar. 3	-9.4	CHANNEL ISLANDS	—	—	—	—	—	—	—	—
9 NORTHERN IRELAND	—	—	—	—	—	—	—	—	Guernsey	Aug. 12	25.7	Aug. 12	17.2	Mar. 2	1.7	Mar. 3	-2.0
Loughmore Forest	May 13	23.3	Aug. 12	15.0	Jan. 2, 18, Dec. 27	0.6	Dec. 28, 29	-9.4	Alderney	Aug. 12	23.3	Aug. 13	16.1	Feb. 21, Mar. 2	1.7	Mar. 2	-1.7
Ballykelly	May 13	24.6	Aug. 12	16.4	Dec. 28	1.0	Dec. 28	-7.1	Jersey Airport	Aug. 12	27.0	Aug. 13	17.1	Feb. 21	0.5	Feb. 22	-2.6
Derrynoyd Forest	June 29	23.9	Aug. 12	14.4	Dec. 27	1.1	Mar. 2	-9.4	St. Helier	Aug. 12	27.2	Aug. 12	17.8	Feb. 21	1.1	Mar. 3	-2.2

\* 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 1965 on which the DURATION OF SUNSHINE was:-  
(i) Nil (ii) 3 hr or less (iii) more than 3 hr but less than 6 hr  
(iv) between 6 and 9 hr (v) more than 9 hr

STATION	JANUARY					FEBRUARY					MARCH					APRIL					MAY					JUNE				
	Sunless	0.1-3.0 hr	3.1-6.0 hr	6.1-9.0 hr	≥ 9.0 hr	Sunless	0.1-3.0 hr	3.1-6.0 hr	6.1-9.0 hr	≥ 9.0 hr	Sunless	0.1-3.0 hr	3.1-6.0 hr	6.1-9.0 hr	≥ 9.0 hr	Sunless	0.1-3.0 hr	3.1-6.0 hr	6.1-9.0 hr	≥ 9.0 hr	Sunless	0.1-3.0 hr	3.1-6.0 hr	6.1-9.0 hr	≥ 9.0 hr	Sunless	0.1-3.0 hr	3.1-6.0 hr	6.1-9.0 hr	≥ 9.0 hr
Lerwick	14	15	2	0	0	7	16	5	0	0	5	12	9	4	1	3	10	6	5	6	7	13	5	4	2	5	11	9	2	3
Stornoway	10	15	6	0	0	10	15	3	0	0	5	14	4	4	2	9	7	8	4	4	4	14	4	3	6	3	12	5	4	6
Craibstone	6	18	7	0	0	8	14	5	1	0	2	12	8	7	2	1	7	8	9	5	4	14	5	3	5	7	6	6	6	
Rothsay	12	7	8	4	0	5	8	9	6	0	10	9	3	4	5	6	6	4	8	6	5	11	5	4	6	7	8	4	6	5
Renfrew	9	13	6	3	0	6	12	8	2	0	12	7	4	5	3	1	7	8	10	4	4	8	9	4	6	2	10	7	5	6
Eskdalemuir	10	11	5	6	0	4	15	7	2	0	9	11	3	5	3	2	8	10	4	6	2	17	6	3	3	2	11	9	4	4
Douglas	9	7	9	6	0	4	12	9	3	0	10	5	5	6	5	2	5	7	9	7	2	8	8	7	6	1	7	6	7	9
Cockle Park	8	14	9	0	0	9	16	3	0	0	7	11	8	3	2	3	6	6	10	5	2	12	5	9	3	2	8	5	7	8
Gorleston	7	15	8	1	0	5	16	7	0	0	7	8	6	7	3	4	10	6	7	3	4	6	7	5	9	1	7	9	6	7
Cambridge (N.I.A.B.)	9	9	10	3	0	12	13	2	1	0	6	7	9	4	5	0	13	10	5	2	2	10	6	6	7	1	9	9	2	9
Edgbaston	10	9	12	0	0	17	8	2	1	0	7	7	7	7	3	2	10	11	7	0	0	16	5	4	6	2	7	6	6	9
Kew	7	13	9	2	0	9	14	4	1	0	5	8	9	3	6	0	12	7	8	3	2	8	7							

TABLE VI (continued)—MONTHLY FREQUENCIES of sunshine for twenty stations:-  
Number of days in each month of 1965 on which the DURATION OF SUNSHINE was:-  
(i) Nil (ii) 3 hr or less (iii) more than 3 hr but less than 6 hr  
(iv) between 6 and 9 hr (v) more than 9 hr

STATION	JULY					AUGUST					SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER				
	Sunless	0-1-3.0 hr	3-1-6.0 hr	6-1-9.0 hr	≥9.0 hr	Sunless	0-1-3.0 hr	3-1-6.0 hr	6-1-9.0 hr	≥9.0 hr	Sunless	0-1-3.0 hr	3-1-6.0 hr	6-1-9.0 hr	≥9.0 hr	Sunless	0-1-3.0 hr	3-1-6.0 hr	6-1-9.0 hr	≥9.0 hr	Sunless	0-1-3.0 hr	3-1-6.0 hr	6-1-9.0 hr	≥9.0 hr	Sunless	0-1-3.0 hr	3-1-6.0 hr	6-1-9.0 hr	≥9.0 hr
Lerwick	3	9	9	1	9	7	10	5	7	2	6	11	6	6	1	7	16	8	0	0	10	19	1	0	0	18	10	3	0	0
Stornoway	2	11	7	3	8	4	10	8	4	4	11	11	2	5	1	8	12	5	6	0	9	15	3	3	0	11	17	3	0	0
Craibstone	8	11	4	5	3	1	10	8	7	5	6	13	5	5	1	8	11	6	6	0	10	13	7	0	0	16	12	3	0	0
Rothsay	5	8	6	5	7	6	5	9	7	4	10	3	3	2	2	10	9	5	7	0	9	7	11	3	0	15	7	9	0	0
Renfrew	6	7	5	5	8	3	8	9	8	3	8	14	4	2	2	13	8	8	2	0	10	7	11	2	0	12	12	7	0	0
Eskdalemuir	5	13	5	6	2	3	9	13	3	3	12	8	5	5	0	10	9	5	7	0	7	10	9	4	0	13	10	5	3	0
Douglas	1	9	5	8	8	1	3	12	8	7	8	11	3	4	4	14	2	8	6	1	6	12	4	8	0	10	12	9	0	0
Cockle Park	6	11	8	4	2	2	11	5	10	3	5	16	6	1	2	12	6	9	4	0	16	5	8	1	0	12	11	6	2	0
Gorleston	1	12	11	2	2	0	6	8	8	9	3	9	9	6	3	4	6	8	11	2	10	6	9	5	0	13	8	10	0	0
Cambridge (N.I.A.B.)	2	17	7	2	3	1	6	10	9	5	4	9	7	7	3	6	9	6	9	1	10	8	7	5	0	13	10	8	0	0
Edgbaston	3	13	10	3	2	1	6	8	8	8	6	12	4	5	3	6	10	11	4	0	13	7	8	2	0	11	12	6	2	0
Kew	4	12	8	4	3	0	9	4	13	5	2	11	7	7	3	4	8	7	10	2	9	5	8	8	0	10	12	6	3	0
Hastings	3	10	4	12	2	1	7	6	5	12	3	9	6	4	8	2	7	5	12	5	8	7	10	5	0	13	8	6	4	0
Southampton	4	11	7	2	7	0	9	9	7	6	2	12	6	7	3	1	12	8	7	3	9	9	3	9	0	10	11	8	2	0
Stonyhurst	4	13	9	4	1	3	9	6	7	6	11	9	2	8	0	6	8	9	8	0	12	9	7	2	0	17	10	4	0	0
Bidston	2	10	6	8	5	0	8	6	6	11	5	13	5	6	1	5	10	11	5	0	9	8	11	2	0	8	14	8	1	0
Valley	2	8	9	5	7	1	6	4	13	7	5	11	8	2	4	7	4	5	10	5	8	6	12	4	0	8	15	8	0	0
Falmouth	4	8	7	6	6	3	8	6	9	5	6	10	1	6	7	8	11	5	6	1	10	9	9	2	0	12	8	9	2	0
Aldergrove	4	7	12	4	4	2	13	6	8	2	6	14	5	2	3	10	12	9	0	0	8	9	12	1	0	10	14	7	0	0
Armagh	2	13	7	5	4	3	13	6	5	4	4	20	1	3	2	15	9	3	0	8	8	13	1	0	8	15	8	0	0	

TABLE VII—Number of days in 1965 with Rainfall between given limits

STATION	STATION								STATION	STATION							
	0 in. 0-0.1 mm.	0.1-0.4 in. 0.2-1.0 mm.	0.5-2.0 in. 1.1-5.0 mm.	2.1-4.0 in. 5.1-10.0 mm.	4.1-6.0 in. 10.1-15.0 mm.	6.1-8.0 in. 15.1-20.0 mm.	8.1-1.01 in. 20.1-25.1 mm.	> 1.01 in. > 25.1 mm.		0 in. 0-0.1 mm.	0.1-0.4 in. 0.2-1.0 mm.	0.5-2.0 in. 1.1-5.0 mm.	2.1-4.0 in. 5.1-10.0 mm.	4.1-6.0 in. 10.1-15.0 mm.	6.1-8.0 in. 15.1-20.0 mm.	8.1-1.01 in. 20.1-25.1 mm.	> 1.01 in. > 25.1 mm.
Lerwick	120	62	110	40	16	8	4	5	Shoeburyness	196	61	75	24	5	2	1	1
Stornoway	110	66	113	50	14	9	2	1	Edgbaston	168	57	77	33	14	8	3	5
Fort William	147	52	67	37	23	22	10	7	Ross-on-Wye	186	54	65	32	17	7	1	3
Nairn	138	102	85	25	9	4	1	1	Kew	183	55	82	24	9	9	1	2
Craibstone	133	92	99	27	8	3	2	1	Hastings	192	47	80	25	9	6	2	4
Leuchars	184	61	71	30	16	0	2	1	Southampton	183	57	75	28	11	8	2	2
Rothsay	163	52	61	44	22	9	4	10	Moor House	107	58	85	39	28	23	8	17
Renfrew	172	42	81	46	15	5	1	3	Stonyhurst	183	32	71	42	16	8	9	4
Eskdalemuir	142	54	74	42	28	12	4	9	Bidston	188	47	76	30	14	5	3	2
Douglas	166	58	69	28	25	11	5	3	Valley	168	54	73	37	19	6	5	3
Cockle Park	143	63	97	31	17	5	3	3	Llandrindod Wells	166	36	92	40	16	8	3	4
Scarborough	154	70	88	38	9	0	2	1	Long Ashton	179	63	62	35	11	7	5	3
Cranwell	176	65	74	33	10	2	2	1	Falmouth	155	46	93	26	26	7	8	4
Gorleston	182	52	94	23	12	0	1	1	Aldergrove	137	72	95	34	17	7	8	4
Cambridge	199	46	87	24	4	4	0	1	Armagh	139	80	105	45	8	5	2	1

TABLE VIII—NUMBER OF DAYS IN 1965 WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C										STATION	MINIMUM TEMPERATURE °C																						
	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°	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	5	84	129	139	8	0	0	0	0	0	1	56	119	166	23	0	Edgbaston	4	60	88	96	89	26	2	0	0	0	2	40	106	136	81	0	
Stornoway	0	43	114	174	33	1	0	0	0	5	42	126	143	49	0	0	Kew Observatory	0	32	81	85	114	52	1	0	0	0	3	26	103	111	114	8	
Craibstone	4	90	77	134	58	2	0	0	0	0	6	64	130	135	28	0	Hastings	0	34	99	98	118	16	0	0	0	2	42	101	108	107	5	5	
Rothsay	0	47	106	118	89	5	0	0	0	0	0	41	118	154	51	1	Southampton	0	22	75	83	139	46	0	0	0	1	45	101	124	93	1	1	
Renfrew	1	51	85	110	106	12	0	0	0	1	12	59	102	123	67	1	Stonyhurst	1	53	88	112	96	15	0	0	0	9	65	110	122	59	0	0	
Eskdalemuir Observatory	6	78	75	130	68	8	0	0	0	5	18	78	126	107	31	0	Bidston	1	50	94	115	91	13	1	0	0	2	35	113	120	94	1	1	
Douglas	0	36	117	144	67	1	0	0	0	0	1	31	118	151	64	0	Valley	0	16	105	110	125	7	2	0	0	0	34	91	141	98	1	1	
Cockle Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Falmouth	1	31	80	131	119	3	0	0	0	2	26	94	144	96	3	3	
Gorleston	0	52	92	93	108	20	0	0	0	0	1	24	122	97	113	8	Aldergrove	1	50	89	116	99	10	0	0	0	7	52	122	130	54	0	0	
Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Armagh	0	36	91	109	112	17	0	0	0	1	5	49	133	116	61	0	0

TABLE IX—Summary of Autographic Records of Wind  
Distribution of Winds at stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1965

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		No. of days	Duration	Duration	Duration	Duration	Duration	Veer from N.		Speed	Hour ended at			Speed	Day and Time			
		1965	Average										Month	Day	Hour		Month	Day	h.m.	
SCOTLAND		hr.	hr.		hr.	hr.	hr.	hr.												
0 Lerwick Observatory	13	73	232	127	925	4374	2826	562	0	13.0	230	58	October	28	20	82	October	28	1920	
Kirkwall	11	79	75	114	739	4644	2699	599	0	12.9	280	54	February	13	03	82	February	13	0330	
Dounreay	27	113	-	155	1018	4307	2499	408	415	13.8	320	54	February	13	04	92	February	13	0315	
Shin	3	5	-	30	123	2060	3317	3250	5	6.8	230	37	October	28	12	76	February	13	0430	
Stornoway (Coastguard)	29	130	235	155	1189	4037	2261	1143	0	13.2	300	54	February	13	05	83	February	13	0330	
Benbecula	16	88	177	126	873	4591	2682	526	0	13.2	240	46	October	28	09	70	February	13	0540	
Fort Augustus	0	0	-	11	23	1537	3235	3928	37	5.5	(270)	27	September	21	07	(57)	October	28	0825	
																				0725

TABLE IX (continued)—Summary of Autographic Records of Wind  
Distribution of Winds at stated speeds at Anemograph Stations, and Maximum Speeds for the Year 1965

DISTRICT AND STATION	Distribution of Mean Hourly Values of 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	Mean Hourly Wind Speed	Highest Hourly Wind			Highest Gust					
	No. of Days	Duration		No. of days	Duration	Duration	Duration	Duration	Duration		knots	Veer from N.	Speed	Hour ended at			Speed	Day and Time	
		1965	Average							hr.				hr.	hr.	hr.		hr.	hr.
SCOTLAND—contd																			
1 Kinloss	6	22	—	82	425	3740	3725	848	0	10-8	360	46	November	23	17	66	October	28	1030
Lossiemouth	4	15	—	60	313	2892	3771	1768	1	9-0	280	46	February	13	06	78	February	13	0535
Dyce	3	11	6	58	260	3923	3191	1375	0	10-0	290	41	February	13	07	87	February	13	0635
Bell Rock Lighthouse	53	334	294	241	2320	4360	1282	484	0	17-5	360	56	November	23	21	79	November	23	2020
Tummel Bridge	0	0	—	7	26	1124	4153	3453	4	5-4	{290 270	27	January	14	03	(54)	February	13	0515
Leuchars	8	17	13	72	495	3304	4061	883	0	10-6	{290 250	42	February	13	08	66	May	8	1510
Turnhouse	3	4	—	58	304	2726	4335	1391	0	9-0	270	35	February	13	08	63	January	17	1045
Edinburgh, Blackford Hill	21	66	19	112	839	3398	3329	1128	0	11-3	{180 200	41	March	3	10	71	January	17	1000
6a Tiree	42	261	136	185	1734	4298	1583	884	0	15-5	320	49	January	13	24	73	January	13	0535
Paisley	0	0	0-5	13	41	1484	4240	2995	0	6-1	310	31	January	14	03	62	January	14	0225
Renfrew	0	0	5	34	154	2581	4314	1711	0	8-3	{230 210	32	August	5	13	64	January	17	0935
Lowther Hill	74	449	—	216	2021	4109	1979	202	0	17-2	260	66	November	1	09	102	November	1	0840
Prestwick Airport	5	17	9	51	312	3090	3818	1523	0	9-3	270	40	January	13	24	64	January	13	2325
Chapelcross	1	1	—	28	142	3496	3859	1262	0	9-3	230	39	January	13	24	87	January	13	2255
Eskdalemuir Observatory	4	11	22	41	217	1712	3710	3106	4	6-7	300	43	February	13	09	69	February	13	1145
West Freugh	10	51	—	72	437	3251	3882	982	157	10-4	250	49	January	13	22	76	January	14	0340
ENGLAND AND WALES																			
6b Ronaldsway	44	305	—	171	1417	3586	2716	736	0	14-2	250	55	January	13	22	81	January	13	2235
Point of Ayre	15	92	57	110	834	4439	2982	413	0	13-0	(260)	(52)	January	14	01	72	January	13	2350
2 Durham	4	14	5	41	187	2857	3832	1865	5	8-5	270	42	January	14	05	80	January	14	0315
South Shields	5	9	13	50	268	2882	4036	1565	0	9-1	010	41	November	29	13	58	November	29	1255
Cranwell	3	3	4	51	310	2724	4057	1215	451	9-3	(250)	36	December	9	23	{55 64	November	1	1125
3 Mildenhall	2	3	3	33	159	1932	4422	2244	0	7-4	250	38	December	10	01	64	December	10	0035
Bedford	2	2	—	42	239	2978	4608	802	131	9-7	{260 250	34	November	1	14	57	December	10	0055
Cardington	12	44	23	85	682	3784	3151	815	284	11-7	(270)	42	December	10	02	(59)	December	10	0150
Garston	0	0	—	10	21	1066	5821	1852	0	6-3	260	25	January	18	03	57	January	18	0125
Rothamsted	0	0	0	2	5	1115	5079	2521	40	6-0	{250 260	22	December	10	01	(52)	January	18	0415
Stansted	1	1	—	42	208	3311	4469	771	0	9-8	240	34	January	18	01	52	January	18	0030
Shoeburyness	21	76	29	126	1054	4536	2737	349	8	13-6	190	47	January	13	18	{61 66	January	13	1855
4 Sheffield	0	0	—	6	16	710	3302	4675	57	4-2	270	25	November	1	12	66	November	1	0950
Edgbaston	0	0	0-7	21	72	1974	6286	428	0	8-5	260	28	December	9	24	56	January	17	0125
Elmdon	3	3	—	44	257	2581	4722	1197	0	9-0	{280 260	34	November	1	13	58	January	17	0120
Amersham	0	0	—	4	17	1230	5762	1656	95	6-7	{180 190	24	January	13	16	(52)	January	17	0345
Keele	0	0	0	16	38	1360	4366	2966	30	6-2	250	26	December	9	24	59	December	9	2320
Pershore	2	5	—	54	329	3032	3780	1614	0	9-2	260	35	January	17	15	67	November	27	1125
5 Kingsway	0	0	0	25	124	3114	4464	638	420	(9-3)	(240)	29	September	8	19	(64)	December	9	1700
London (Heathrow) Airport	0	0	0-8	52	241	3245	4556	718	0	9-8	190	32	January	13	18	55	January	17	0525
Hampton	0	0	0-2	27	115	2089	4456	2052	48	7-5	{260 240	30	January	18	05	56	November	1	1300
Kew Observatory	0	0	0-1	14	43	2323	5142	1252	0	8-1	{240 240	25	September	8	18	58	April	17	1650
Gatwick	0	0	2	28	137	1825	4678	2120	0	7-2	230	30	January	17	01	62	January	17	1445
Isle of Grain	0	0	2	31	140	2187	3769	2558	106	7-3	(240)	31	December	9	13	{51 51	January	17	1435
Thorney Island	0	0	0-6	33	133	2127	3846	2654	0	7-3	200	30	January	13	19	{54 54	January	17	1420
Hurn	0	0	2	39	188	2866	4337	1369	0	9-0	{220 290	31	January	13	18	51	November	27	1115
Calshot	3	10	16	58	279	4151	3830	490	0	11-0	120	36	January	20	07	53	November	23	1900
S. Farnborough	2	2	4	36	224	2809	4449	1476	0	8-8	{250 250	34	September	8	18	64	January	17	1415
Abingdon	0	0	0-1	25	101	2408	4059	2192	0	7-8	250	30	January	17	24	48	January	17	0325
Boscombe Down	3	4	5	78	483	3585	3916	772	0	10-7	{280 290	34	January	18	06	59	January	17	1340
Porton	0	0	3	40	186	2066	3329	3167	12	7-0	{200 210	31	September	17	21	56	January	17	1345
7a Carlisle	4	15	—	45	238	2597	3900	2010	0	8-4	240	47	January	13	24	80	January	13	2305
Spadeadam	4	9	18	51	281	3039	4206	1216	9	9-6	200	48	January	13	24	78	January	13	2330
Great Dun Fell	82	598	—	232	2380	3901	1484	397	0	18-3	270	74	January	14	01	94	January	14	0035
Moor House	22	117	—	160	1267	3893	2401	690	392	13-9	270	49	January	14	05	73	November	1	1440
Squires Gate	18	94	—	106	1009	4030	3060	567	0	12-9	260	50	January	14	01	76	January	14	0030
Southport	13	74	81	61	464	2198	3184	2787	53	8-3	270	(47)	January	14	03	73	January	14	0005
Fleetwood	7	25	43	47	320	2247	3533	2491	144	8-1	(260)	44	December	9	22	(74)	January	13	2355
Speke	7	21	19	64	452	2972	4315	1000	0	10-0	270	43	December	9	22	69	December	9	2140
Manchester W/Centre	0	0	—	31	124	2030	5230	1368	8	8-0	(270)	33	November	1	13	71	December	9	2140
Bidston Observatory	13	49	33	75	587	3049	4193	793	89	—	270	46	December	9	22	77	December	9	2135
Ringway	1	3	8	41	203	2588	4372	1594	0	8-6	280	37	December	9	23	60	January	14	0115
7b Valley	37	230	81	144	1454	3799	2745	532	0	14-3	260	54	January	17	15	84	January	17	1425
8a Aberporth	24	122	43	122	989	3690	2907	1052	0	12-5	270	49	January	17	23	76	November	29	1800
Milford Haven C.B.	8	38	—	79	523	3726	2887	1602	4	10-6	200	40	September	17	18	72	September	17	1745
Brawdy	22	93	—	128	940	4073	2956	687	11	12-8	280	52	January	17	22	{79 79	January	17	1640
Port Talbot	8	24	10	76	545	3449	3423	1319	0	10-5	100	38	November	16	12	57	November	16	1145
Rhoose	13	48	13	89	771	3219	4206	516	0	11-3	260	41	November	1	11	68	January	17	0815
8b Portland Bill	110	1003	—	253	2547	3538	1401	271	0	19-8	300	59	November	27	12	88	January	17	0155
Mount Batten	18	56	—	101	771	3646	3522	765	0	11-6	190	45	January	13	14	69	January	17	0840
St. Mary's, Scilly	39	320	134	167	1730	4148	1929	633	0	15-5	290	51	November						

TABLE X—MONTHLY FREQUENCIES OF GUSTS  
Number of Hours in each month of 1965 with gusts exceeding (a) 33 kt. and (b) 47 kt.

District and Station	Number of Hours exceeding 33 knots												Number of Hours exceeding 47 knots													
	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	139	81	102	79	77	23	9	44	80	80	116	171	1001	18	31	2	10	1	0	0	0	6	33	13	19	133
Kirkwall	91	79	38	47	30	25	5	46	32	59	(115)	74	*	15	28	1	10	0	0	0	2	0	36	(7)	2	*
Dounreay	(53)	109	58	89	73	32	12	(81)	68	101	(166)	110	*	(14)	35	1	7	4	3	0	0	12	33	(19)	6	*
Shin	25	40	23	39	13	17	6	27	26	49	26	2	293	0	16	2	0	3	0	0	0	5	17	0	0	43
Stornoway	(109)	57	138	116	23	24	8	26	81	66	96	43	*	7	43	28	1	3	0	0	1	16	20	7	0	126
Duirinish	83	49	(66)	64	16	42	4	(7)	(65)	81	19	3	*	5	18	(17)	1	3	6	0	(0)	φ	(25)	16	0	0
Benbecula	157	58	94	141	46	19	6	58	63	75	76	62	855	23	27	25	22	3	2	0	0	4	25	14	0	145
Fort Augustus	(4)	12	19	8	6	7	1	6	9	26	5	3	*	0	0	2	1	0	0	0	0	0	1	1	0	5
1 Kinloss	27	42	41	52	24	31	7	16	24	41	46	6	357	6	17	3	0	1	4	0	0	1	8	5	0	45
Lossiemouth	45	58	(39)	56	22	45	10	45	56	52	172	34	*	8	30	0	1	1	3	0	0	0	5	10	0	58
Dyce	28	45	17	37	10	10	2	6	27	31	74	4	291	4	16	0	0	0	0	0	0	0	1	7	0	28
Bell Rock	129	66	121	97	49	66	10	48	88	101	289	69	1133	18	17	11	7	9	10	0	0	9	28	62	4	175
Rannoch	(36)	(29)	(49)	34	23	32	9	34	32	66	69	*	*	2	(10)	0	1	5	6	0	0	0	8	7	*	*
Tummel Bridge	9	24	3	3	10	(3)	0	2	19	8	0	*	*	0	5	0	0	0	0	0	0	0	1	2	0	8
Leuchars	45	35	67	60	24	55	3	26	21	63	100	0	499	7	13	0	2	8	4	0	0	3	8	4	0	49
Turnhouse	72	31	32	39	23	61	1	27	17	57	50	15	425	7	9	2	1	2	4	0	1	0	4	6	1	37
Edinburgh	224	60	133	131	58	148	24	112	105	116	87	94	1292	60	24	33	10	15	39	0	23	11	32	22	4	273
6a Tires	225	72	151	156	66	62	11	100	148	165	256	191	1603	51	34	43	30	9	12	0	2	5	40	80	27	333
Millport	7	7	1	1	1	19	26	19	2	43	(138)	28	5	1	1	1	1	3	1	0	0	0	4	(50)	0	5
Paisley	50	27	18	18	14	21	0	15	3	41	50	9	266	6	1	0	1	1	0	0	1	0	1	5	0	25
Renfrew	39	23	11	11	8	27	0	12	4	42	47	5	229	4	1	0	0	1	0	0	0	0	1	5	0	9
Lowther Hill	214	94	183	211	116	(160)	34	140	115	132	183	131	*	61	38	20	49	28	35	0	15	3	37	75	18	379
Prestwick	68	27	74	34	3	20	0	5	0	39	82	48	400	11	4	9	3	0	0	0	0	0	0	12	2	41
Eskdalemuir Obs'y	87	46	13	50	30	64	0	23	11	54	102	16	496	15	20	0	0	0	1	0	0	0	0	17	0	55
Chapelcross	64	24	5	20	7	50	4	11	1	40	61	4	291	11	1	0	0	0	0	0	0	0	1	10	0	23
West Freugh	111	(31)	(32)	69	16	30	0	17	8	36	142	57	*	22	11	(10)	5	1	0	0	0	0	1	42	6	*
6b Ronaldsday	194	71	149	121	34	92	18	56	84	120	236	176	1351	76	17	46	22	0	3	0	1	2	13	97	18	295
Point of Ayre	138	39	(78)	53	8	37	1	23	15	45	152	47	*	(31)	5	(7)	4	0	1	0	0	0	0	39	3	70
2 Durham	66	40	13	64	41	36	1	19	10	49	86	28	453	22	6	1	1	8	0	0	0	0	6	26	0	*
South Shields	27	29	12	29	20	8	1	1	4	17	85	14	247	4	2	0	0	1	0	0	0	0	1	12	0	20
Kilnsea	(86)	(7)	(36)	(42)	(31)	†	†	†	†	†	†	†	(13)	(0)	0	1	0	†	†	†	†	†	†	†	†	†
Cranwell	(60)	33	(2)	(36)	24	32	14	12	15	23	76	(50)	*	(1)	1	0	1	0	5	0	0	1	14	(3)	*	
3 Gorleston	61	42	27	*	0	8	6	9	59	10	(144)	62	*	5	0	0	*	0	0	1	0	5	0	(8)	3	*
Mildenhall	66	14	4	19	11	24	10	7	26	12	80	59	332	8	0	0	0	0	2	0	0	1	0	8	7	26
Bedford	81	13	1	(35)	11	19	3	3	16	7	61	41	*	2	1	0	1	1	0	0	0	1	0	5	4	15
Cardington	110	24	26	57	18	31	13	(0)	25	16	89	90	*	14	1	0	(1)	1	4	1	0	0	1	8	9	*
Garston	52	4	2	18	2	3	9	1	12	3	35	27	168	6	0	0	0	0	0	0	0	0	0	1	0	7
Rothamsted	53	4	2	12	2	6	2	(0)	12	3	36	29	*	5	0	0	0	0	0	0	0	0	0	1	1	7
Stansted	37	17	11	25	6	6	2	(0)	17	2	48	36	212	2	0	0	1	0	0	0	0	2	0	3	2	10
Coryton	67	12	14	31	(1)	10	(15)	(2)	25	15	94	72	*	6	0	0	1	0	0	0	0	2	0	8	5	22
4 Shoeburyness	121	66	86	73	66	70	53	14	(31)	23	148	109	*	36	5	9	9	3	0	1	0	8	0	23	13	107
Sheffield	61	11	4	51	14	20	1	5	7	14	35	24	247	3	1	0	0	2	0	0	0	1	11	1	1	27
Edgbaston	58	15	5	28	1	4	0	3	11	6	55	34	220	3	1	0	0	0	2	0	0	1	0	0	1	7
Elmdon	95	16	10	45	12	13	2	4	11	6	69	22	305	7	0	0	2	0	0	0	0	0	0	8	5	22
Amersham	52	0	3	10	1	4	3	0	10	3	27	(22)	*	1	0	0	0	0	0	0	0	0	0	(0)	0	0
Keele	70	26	(39)	44	7	18	0	7	11	12	(106)	36	*	4	3	0	1	0	0	0	0	1	0	3	2	14
Pershore	92	14	22	35	6	21	6	3	14	11	68	39	331	21	0	0	6	0	0	0	0	1	0	4	4	36
5 Kingsway	(58)	9	(11)	(17)	5	11	14	4	26	11	71	78	*	5	0	0	0	0	0	0	0	2	0	5	2	14
London Airport	72	8	6	27	7	15	18	4	15	4	38	37	251	6	0	0	3	0	0	0	0	0	0	1	0	10
Hampton	65	7	10	34	6	9	9	1	16	8	52	55	272	3	0	0	2	0	0	0	0	1	0	4	1	11
Kew Obs'y	79	8	15	26	14	26	13	7	21	13	67	62	351	2	0	0	3	0	0	0	0	3	0	1	1	10
Gatwick	55	3	13	10	2	12	2	1	21	9	28	53	209	6	0	0	0	0	0	0	0	2	0	3	0	11
Isle of Grain	55	2	4	8	2	25	4	1	16	(2)	(49)	68	*	3	0	0	0	0	0	0	0	1	0	(3)	3	*
Dungeness	199	31	(43)	28	56	35	72	23	48	28	(101)	φ	φ	39	0	2	1	0	0	0	0	15	2	(19)	φ	φ
Dover	137	19	23	9	(15)	φ	φ	φ	φ	φ	(77)	125	φ	7	0	0	0	0	φ	φ	φ	φ	(12)	12	5	
Thorney Island	60	2	13	34	17	13	5	4	21	8	73	89	339	1	0	0	1	0	0	0	0	0	4	2	8	
Hurn	53	0	12	25	2	6	1	2	15	6	45	80	247	4	0	0	0	0	0	0	0	0	3	3	10	
Calshot	33	1	11	9	0	4	2	5	19	2	63	51	200	2	0	0	0	0	0	0	0	2	0	4	1	9
S. Farnborough	83	10	11	27	5	6	3	1	14	9	43	83	295	6	0	0	3	0	0	0	0	1	0	4	4	18
Abingdon	49	3	8	7	4	4	5	1	10	1	20	18	130	1	0	0	0	0	0	0	0	0	0	0	0	1
Larkhill	122	13	31	53	5	8	1	0	24	4	71	φ	φ	17	0	0	5	0	0	0	0	2	0	4	φ	26
Boscombe Down	93	7	31	53	3	5	4	1	24	5	51	84	361	15	0	0	2	0	0	0	0	1	0	1	φ	26
Porton	76	3	15	35	1	3	2	0	15	3	42	68	253	8	0	0	1	0	0	0	0	0	0	0	1	8
7a Carlisle	80	22	32	40	19	68	1	8	1	30	66	22	399	24	1	0	0	0	2	0	0	0	0	13	0	40
Sellafield	85	19	43	15	0	(16)	1	5	4	(27)	(87)	18	*	16	0	0	0	0	0	0	0	0	0	20	0	36
Spadeadam	73	48	36	62	17	67	4	23	23																	

TABLE XI (continued)—OCCASIONS OF "STRONG GALES" IN 1965  
 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	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				Hour ended at	Direction	Speed	Time	Direction	Speed	
Stornoway	Jan. 13	22	030	43	2220	020	59	21-24	Shoeburyness	Jan. 13	18	190	47	1855	190	61	16-22
	Feb. 13	05	300	54	0330	320	83	01-11, 13, 14		Jan. 20	13	110	45	1240	110	57	10-19
Duirinish	Mar. 2	24	190	46	2345	190	65	20-24	Mar. 4	08	090	43	0725	090	53	01-11	
	Mar. 3	02	180	50	0115	180	69	01-10	Mar. 25	21	200	42	2050	200	59	21, 22	
Benbecula	Sept. 21	07	220	49	0640	220	66	03-10, 12-15	Dec. 9	16	220	42	1535	220	57	15-17	
	Oct. 28	11	270	49	1040	270	69	08-15	Dec. 29	20	200	43	1940	200	56	17-22	
Kinloss	Jan. 14	02	340	43	0210	340	66	02-04	Jan. 13	22	220	45	2130	220	72	15-23	
	Oct. 28	08	200	43	0705	200	62	07-10	Sept. 8	18	240	44	1745	230	60	16-20	
Lossiemouth	Feb. 13	08	310	45	0540	310	70	01-13	Sept. 18	02	230	45	0025	230	61	01-04	
	Oct. 28	09	240	46	0825	240	70	08-11	Nov. 1	07	220	41	0700	230	68	01, 02, 04-10, 14, 15	
Dyce	Nov. 1	12	290	42	1305	280	56	11-15	Jan. 13	24	240	47	2305	230	80	20-24	
	Jan. 14	03	330	41	0210	330	59	03-05	Jan. 14	01	240	45	0005	240	73	01-04	
Bell Rock	Feb. 13	05	260	41	0320	260	64	01-09	Sellafield	Jan. 14	03	260	45	0245	260	67	01-06, 08
	Oct. 28	11	230	43	1030	230	66	10-13	Spadeadam	Jan. 13	24	200	48	2330	200	78	21-24
Leuchars	Nov. 23	17	360	46	1655	360	61	17-19	Jan. 14	01	210	42	0045	210	67	01, 02	
	Jan. 14	03	320	41	0230	320	68	03-06	Great Dun Fell	Jan. 5	16	280	41	1505	290	49	15-17, 19, 20, 22-24
Edinburgh, Blackford Hill	Feb. 13	06	280	46	0535	280	78	02-08	Jan. 10	21	250	53	1955	250	68	09-24	
	Nov. 23	17	010	44	1650	010	75	17-19	Jan. 11	09	250	60	0900	250	78	01-14, 17-24	
Tiree	Feb. 13	07	290	41	0635	290	67	05-08, 15-17	Jan. 12	01	240	41	0135	240	52	01-03, 08	
	Jan. 11	13	240	44	1240	240	57	09-16	Jan. 13	24	260	64	2400	270	89	13-15, 19-24	
Millport	Jan. 13	18	140	43	1745	140	54	16-19, 21	Jan. 14	01	270	74	0035	270	94	01-05, 10-16	
	Jan. 14	06	280	45	0540	280	60	03-09, 11-14, 21	Feb. 7	21	070	44	2055	060	53	09, 12, 13, 19-22	
Blackford Hill	Feb. 12	14	250	43	1345	250	55	12-15, 17	Feb. 12	24	290	52	2240	280	68	02, 09-24	
	Feb. 13	08	270	44	0740	270	59	03-10, 13-18, 20-23	Feb. 13	01	300	49	0005	300	67	01-11, 13	
Edinburgh, Blackford Hill	Mar. 3	15	160	43	1435	160	54	08-23	Feb. 18	17	070	50	2105	070	62	15-24	
	May 8	18	230	47	1655	230	62	10, 11, 13-24	Feb. 19	18	100	52	1755	090	58	01-06, 18-21, 23, 24	
Blackford Hill	June 24	04	230	41	0145	220	52	01-06	Feb. 20	03	100	50	0230	090	56	01-10	
	Sept. 18	02	030	44	0200	030	55	01-08	Mar. 1	10	100	43	0905	100	50	07-12	
Blackford Hill	Oct. 28	13	260	43	1205	260	57	09-24	Mar. 4	12	090	44	0405	100	51	03-18	
	Oct. 30	22	280	42	1935	280	58	03, 05-10, 12-15, 17-24	Apr. 12	05	240	43	0400	240	62	04-06	
Blackford Hill	Nov. 16	21	150	44	2005	150	58	12-24	May 8	12	240	41	1120	240	56	06, 07, 11-13, 15-18	
	Nov. 17	10	130	41	1030	130	51	01-24	June 15	24	220	42	1950	220	62	18-24	
Blackford Hill	Nov. 23	21	360	56	3020	360	79	07-12, 22-24	June 16	02	230	47	0110	230	60	01-08	
	Nov. 29	22	330	42	2055	330	61	19, 21-24	June 18	08	240	45	0905	230	65	04, 08-20, 22-24	
Blackford Hill	Nov. 30	04	340	50	0115	340	78	01-14, 16-22, 24	June 23	18	230	42	1810	230	54	12-19, 21-24	
	Feb. 13	08	290	42	0655	290	65	06-09	June 24	11	230	42	1015	230	54	01-06, 08-17	
Blackford Hill	May 8	16	250	42	1510	250	68	14-17	June 26	13	250	48	1215	230	63	04-15	
	Mar. 3	10	180	41	0940	180	61	07, 09, 10	Sept. 21	13	240	43	1320	240	52	01-05, 07-14, 18	
Blackford Hill	Nov. 23	09	200	41	1020	180	66	09-11	Sept. 29	23	070	42	1850	050	53	18-24	
	Jan. 13	24	320	49	2355	320	69	12-17, 22-24	Oct. 27	15	230	48	2345	230	60	01-24	
Blackford Hill	Jan. 14	01	330	45	0315	310	69	01-06	Oct. 28	06	230	54	0525	230	71	01-15, 18-20, 22	
	Jan. 21	17	160	41	1935	150	61	15-24	Oct. 29	24	230	43	2355	230	55	01-03, 06, 07, 11-15, 23, 24	
Blackford Hill	Feb. 13	08	310	41	0145	300	69	01-24	Oct. 30	06	230	49	0100	230	85	01-07, 09-13, 15-17, 20-24	
	Mar. 3	06	160	46	0535	160	73	01-22	Oct. 31	22	230	45	2150	220	60	01, 18-24	
Blackford Hill	Apr. 18	23	320	41	1440	310	69	17, 20-24	Nov. 1	08	230	64	1110	260	83	01-24	
	Apr. 19	03	320	41	0205	330	66	01-06	Nov. 7	05	080	50	0130	080	62	01-15	
Blackford Hill	Oct. 28	07	220	44	0625	220	65	05-09, 11-13	Nov. 16	10	120	42	0915	120	56	08, 10, 12, 18-21	
	Nov. 1	16	270	46	1505	270	69	11-18, 21-23	Nov. 17	09	090	45	0915	090	55	05-13, 15	
Blackford Hill	Nov. 16	21	100	42	2025	100	60	06, 10-24	Nov. 20	17	080	44	1630	070	53	09-20	
	Nov. 29	17	330	43	2355	310	68	12-24	Nov. 23	10	240	44	0945	230	56	09-13, 21, 22	
Blackford Hill	Nov. 30	01	340	42	0005	320	65	01, 02, 06-08	Nov. 29	13	030	56	1235	030	70	09-20	
	Dec. 2	02	130	41	0210	130	57	01-05	Dec. 9	12	250	41	1130	250	70	11-20	
Blackford Hill	Dec. 17	06	120	42	0520	120	59	03-09	Jan. 14	05	270	49	0105	250	67	01-07	
	Nov. 7	08	060	47	0720	060	64	08, 15	Feb. 12	24	280	45	2350	280	62	12-24	
Blackford Hill	Nov. 17	09	060	49	0925	060	63	03-24	Feb. 13	01	290	43	0005	290	63	01-06, 10-13	
	Nov. 18	03	060	44	0210	060	56	01-09, 16-18	Sept. 21	10	230	42	0810	220	57	03-13	
Blackford Hill	Jan. 11	10	280	44	0920	250	74	04-12	Oct. 28	03	230	41	0320	230	61	01-06	
	Jan. 13	24	240	49	2055	230	69	19-24	Nov. 1	15	260	46	1440	280	73	07-22	
Blackford Hill	Jan. 14	04	310	54	0200	300	76	01-07	Jan. 13	24	260	49	2350	260	74	20-24	
	Jan. 16	21	280	44	2015	280	64	20, 21, 23, 24	Jan. 17	12	250	50	0030	260	76	01-09	
Blackford Hill	Jan. 17	07	250	41	0605	250	62	04-08, 10, 15	Nov. 1	09	260	47	0935	240	64	01, 04-15, 18-22	
	Feb. 12	24	290	50	2255	290	71	08-13, 15-24	Nov. 23	14	250	44	1340	250	62	12-15, 18-21	
Blackford Hill	Feb. 13	08	300	62	0750	300	87	01-16, 18	Dec. 9	22	290	45	2045	270	69	20-24	
	Mar. 3	23	130	43	2250	140	54	05, 06, 19-24	Jan. 13	24	260	42	2345	270	62	22-24	
Blackford Hill	Apr. 9	17	180	42	1630	180	55	15-19	Jan. 14	03	270	(47)	0005	270	73	01-09	
	Apr. 12	16	310	46	1600	310	63	06, 07, 14-22	Nov. 1	11	—	44	1130	—	64	06-18, 20-24	
Blackford Hill	Apr. 17	23	320	50	1020	280	65	01-24	Dec. 9	22	280	42	2145	290	62	20-24	
	Apr. 18	16	310	48	1510	290	72	01-06, 08, 10, 12, 13, 16-20, 23, 24	Jan. 14	02	270	42	0155	280	73	01, 02	
Blackford Hill	May 5	18	300	41	1455	300	51	13-22	Nov. 1	16	260	41	0915	240	65	11-18	
	May 9	15	290	43	1445	310	61	04, 06-08, 10-17, 19-21	Nov. 23	20	290	42	1355	230	61	18-22	
Blackford Hill	June 26	09	280	46	0745	280	63	05-12, 17-19	Dec. 9	22	260	44	2040	250	63	21-23	
	Aug. 24																

TABLE XI (continued)—OCCASIONS OF "STRONG GALES" IN 1965  
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	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				Hour ended at	Direction	Speed	Time	Direction	Speed		
8b Portland Bill (cont)	Mar. 3	19	150	52	1925	150	65	13-24	Scilly (cont)	May. 4	08	260	43	0640	250	56	07-09, 17-19	
	Mar. 25	20	220	50	2250	250	67	17-24		Sept. 17	17	250	50	1615	250	69	14-24	
	Apr. 17	21	290	43	2020	290	57	09-14, 17-24		Nov. 23	23	270	43	1900	270	55	15-24	
	May 4	13	250	46	1245	260	58	09-14, 24		Nov. 27	07	290	51	0705	300	73	02-11	
	May 9	05	250	43	0435	250	50	01-07		Nov. 29	13	330	49	1145	350	70	01, 11-20, 22	
	June 18	01	230	41	0650	230	48	01-17, 20, 22		Dec. 2	24	280	43	2000	280	64	12-24	
	July 29	03	240	41	0230	240	52	01-14, 16-21		Dec. 5	15	290	47	1500	290	67	01-20, 22, 23	
	Aug. 21	08	220	41	0715	220	53	04-10		Dec. 5	20	280	45	1940	280	70	02-08, 11, 12, 14-23	
	Sept. 8	15	250	46	1345	280	58	14-20		Dec. 9	24	280	44	2120	280	74	08-24	
	Sept. 17	23	240	57	2245	240	73	14-24		Dec. 10	03	280	44	0145	280	69	01-13, 22	
	Sept. 18	31	280	52	0010	280	67	01-10		Dec. 23	15	280	42	1405	280	57	06-08, 11-19	
	Oct. 9	22	070	44	1955	070	51	01-05, 11-13, 20-24		Jan. 13	12	200	45	1930	280	63	10-24	
	Oct. 30	14	240	45	1210	240	56	06-08, 10-15, 17		Jan. 17	22	280	48	1530	290	83	01-24	
	Oct. 31	17	230	48	(2330)	(230)	62	14-24		Jan. 18	01	290	47	0020	280	70	01-05	
	Nov. 1	05	240	55	0645	250	77	01-24		Mar. 3	14	190	43	1400	180	63	11-15	
	Nov. 2	05	270	44	0440	270	58	01-09		May 4	09	260	41	0805	250	56	08-10, 18-21	
	Nov. 5	22	070	42	2135	070	50	21-24		Sept. 17	19	240	47	1830	250	66	12, 15-24	
	Nov. 6	06	070	48	0635	070	57	01-22		Nov. 1	07	250	41	0630	250	56	01-03, 06-12	
	Nov. 15	24	110	49	2110	110	59	18-24		Nov. 15	24	110	41	2335	110	58	18-24	
	Nov. 16	10	090	56	1015	090	67	01-24		Nov. 16	03	110	44	0120	110	62	01-12, 15	
	Nov. 17	02	080	50	0110	080	60	01-05, 08, 09		Nov. 17	05	180	45	0530	180	65	06-08	
	Nov. 23	20	250	59	1915	250	76	13-24		Nov. 23	21	270	42	2040	270	60	15-22	
	Nov. 25	14	210	47	1050	220	63	08-15, 20		Nov. 27	07	280	50	0710	300	74	04-10	
	Nov. 27	12	300	59	1105	300	79	02-18		Nov. 29	15	330	43	1310	330	71	01, 02, 12-20	
	Nov. 29	03	150	48	0440	240	70	01-08, 14-24		Dec. 2	24	(310)	42	2240	(310)	65	16-24	
	Nov. 30	01	290	47	0015	290	62	01-24		Dec. 3	14	(310)	48	1600	(320)	68	01, 03, 04, 06, 08-18	
	Dec. 2	22	270	45	2205	270	56	03-10, 12, 14-24		Dec. 5	22	(320)	43	2145	(310)	66	03-09, 15, 16, 18-24	
	Dec. 3	14	270	54	1310	260	67	01-21		Dec. 23	17	290	41	1610	290	54	12, 15-21	
	Dec. 4	23	280	41	2300	270	50	23, 24		Dec. 29	12	210	42	1135	210	58	06-15	
	Dec. 5	23	260	53	1635	280	69	01, 07-24		Jan. 13	24	290	50	2050	280	75	20-24	
	Dec. 6	10	270	43	1325	280	54	01-20		Jan. 14	01	290	48	0025	290	77	01-03	
	Dec. 8	15	230	56	1505	240	71	01-24		Nov. 1	08	270	45	0735	270	71	06-14	
	Dec. 10	04	270	58	0425	280	75	01-11, 13, 14		Jan. 13	23	260	42	2340	270	69	20-24	
Dec. 13	05	270	47	0435	270	58	01-08	Jan. 13	22	250	46	2125	250	77	11-13, 18-24			
Dec. 17	20	230	45	1950	230	56	05-24	Jan. 20	09	090	42	0505	090	58	01-12			
Dec. 18	20	230	50	2005	230	63	01-24	Mar. 3	10	170	45	0950	170	64	06-13, 20, 22-24			
Dec. 19	01	230	45	0001	230	55	01-07	Nov. 17	15	130	42	1715	130	57	07-20			
Dec. 22	24	160	44	2350	160	56	20-24	Nov. 17	15	100	41	—	—	—	04-21			
Dec. 23	01	170	43	1235	280	56	01, 02, 06-14, 16	Jan. 13	22	290	45	2055	280	76	19-24			
Dec. 29	15	200	50	1650	210	67	08-19, 24	Nov. 1	08	260	43	0535	260	81	05-09, 12			
Dec. 30	19	270	41	1355	270	57	01, 02, 06-08, 11-15, 17-19	Castle Archdale Forest	Nov. 1	06	220	43	0545	230	71	05-09		
Mount Batten	Dec. 31	24	220	47	2325	220	60	05, 20-24	Jersey Airport	Jan. 17	06	260	43	1340	280	74	01-24	
	Jan. 13	14	190	45	1250	200	62	12-18	Jan. 18	03	280	45	0040	290	69	01-06		
	Sept. 17	19	230	44	1825	230	60	13, 17-22	Nov. 23	23	250	44	2125	250	61	21-24		
	Jan. 13	20	290	41	1940	290	64	10-24	Nov. 27	12	290	53	1050	290	75	01-03, 08-16		
	Jan. 17	19	290	49	1850	290	79	01-24	Nov. 29	18	300	45	1530	300	64	15-24		
	Jan. 18	01	300	43	0010	300	64	01-04	Dec. 3	18	270	47	0015	280	71	01, 03-06, 09-21		
	Scilly	Jan. 17	19	290	49	1850	290	79	01-24	Dec. 9	17	250	42	1740	270	73	16-24	
Jan. 18		01	300	43	0010	300	64	01-04	Dec. 10	07	280	45	0550	280	66	01-12		
9 Ballykelly		Jan. 13	24	290	50	2050	280	75	20-24	Aldergrove	Jan. 13	22	250	46	2125	250	77	11-13, 18-24
		Jan. 14	01	290	48	0025	290	77	01-03	Jan. 20	09	090	42	0505	090	58	01-12	
		Nov. 1	08	270	45	0735	270	71	06-14	Mar. 3	10	170	45	0950	170	64	06-13, 20, 22-24	
		Jan. 13	23	260	42	2340	270	69	20-24	Nov. 17	15	130	42	1715	130	57	07-20	
		Jan. 13	22	250	46	2125	250	77	11-13, 18-24	Nov. 17	15	100	41	—	—	—	04-21	
		Jan. 20	09	090	42	0505	090	58	01-12	Jan. 13	22	290	45	2055	280	76	19-24	
		Mar. 3	10	170	45	0950	170	64	06-13, 20, 22-24	Nov. 1	08	260	43	0535	260	81	05-09, 12	
		Nov. 17	15	130	42	1715	130	57	07-20	Castle Archdale Forest	Nov. 1	06	220	43	0545	230	71	05-09
	Nov. 17	15	100	41	—	—	—	04-21	Jersey Airport	Jan. 17	06	260	43	1340	280	74	01-24	
	Jan. 13	22	290	45	2055	280	76	19-24	Jan. 18	03	280	45	0040	290	69	01-06		
Nov. 1	08	270	45	0735	270	71	06-14	Nov. 23	23	250	44	2125	250	61	21-24			

TABLE XII—DATES OF GUSTS OF 'WHOLE GALE' FORCE

Dates on which gusts of 48 knots or more occurred in 1965

For an anemograph 33 ft. above ground in the open the limit corresponds with that of Force 10 (whole gale) on the Beaufort Scale. The time of occurrence of the maximum gust each month can be found by reference to Table II of the appropriate monthly part.

District and Station	Dates	District and Station	Dates
0 Lerwick Obs'y	Jan. 4, 8, 10, 14, Feb. 12, 13, 28, Mar. 7, 29, Apr. 9, 10, 19, May 3, Sept. 21, 22, Oct. 28-31, Nov. 1, 2, 29, Dec. 5, 10, 17, 18, 28-31.	South Shields	Jan. 14, Feb. 12, 13, May 8, Oct. 30, Nov. 1, 16, 23, 29, 30.
Kirkwall	Jan. 5, 10, 14, 17, Feb. 12, 13, 28, Mar. 7, Apr. 9, 10, 16, 19, Aug. 6, Oct. 28-31, Nov. 1, 2, 23, Dec. 17.	Kilnsea	Jan. 13, 14, 16, 17, Apr. 12, Record ceased, May, 1965.
Douneay	Jan. 10, 14, 15, Feb. 12-14, 28, Mar. 7, Apr. 9, 10, 18, May 23, June 23, Sept. 9, 21, 25, 26, Oct. 28-31, Nov. 1, 3, 16, 23, 26-30, Dec. 10, 17, 29, 31.	Cranwell	Jan. 17, Feb. 13, Apr. 18, June 18, Sept. 18, Oct. 30, Nov. 1, 23, 27, 29, 30, Dec. 9, 10.
Shin	Feb. 12, 13, Mar. 3, 17, May 8, Sept. 20, 21, Oct. 28, 30, 31.	3 Gorleston	Jan. 13, Defective record, April, July 23, Sept. 8, 25, 26, Nov. 29, 30, Dec. 9, 10, 29.
Stornoway	Jan. 8, 10, 12-14, Feb. 12, 13, 28, Mar. 2, 3, 16, 17, 28, Apr. 10, May 8, Aug. 27, Sept. 19-21, Oct. 28, 30, 31, Nov. 17, 23, 29.	Mildenhall	Jan. 13, 16-18, June 18, Sept. 18, Nov. 1, 23, 30, Dec. 9, 10.
Duirinish	Jan. 11, 14, Feb. 12, 13, Mar. 16, 17, Apr. 19, May 8, June 23, 24, Sept. 20, Oct. 28-31, Nov. 1, 23, 27-29.	Bedford	Jan. 17, 18, Feb. 13, Apr. 18, May 9, Sept. 18, Nov. 1, Dec. 9, 10.
Benbecula	Jan. 8, 12-17, 21, 22, Feb. 12, 13, Mar. 2, 3, 16, Apr. 9-11, 17-19, May 8, June 24, Sept. 21, Oct. 28-30, Nov. 1, 29.	Cardington	Jan. 13, 16-18, Feb. 13, Apr. 12, May 9, June 18, July 23, Oct. 30, Nov. 1, Dec. 9, 10.
1 Fort Augustus	Mar. 3, Apr. 9, Oct. 28, Nov. 16.	Garston	Jan. 16-18, Nov. 30.
Kinloss	Jan. 14, Feb. 12, 13, Mar. 16, May 8, June 24, Sept. 21, Oct. 28, 30, 31, Nov. 23, 30.	Rothamsted	Jan. 13, 17, 18, Nov. 1, Dec. 9.
Lossiemouth	Jan. 14, Feb. 12-14, 28, Apr. 19, May 8, June 24, Oct. 28, 30, Nov. 23, 29, 30.	Stansted	Jan. 17, 18, Apr. 17, Sept. 8, Nov. 1, 27, Dec. 9, 10.
Dyce	Jan. 14, Feb. 13, 14, Oct. 28, Nov. 23, 30.	Coryton	Jan. 13, 16, 17, Apr. 12, Sept. 8, 17, Nov. 1, 27, 30, Dec. 9, 10.
Bell Rock	Jan. 11, 13, 14, 16, 17, Feb. 12, 13, Mar. 1, 3, 4, 16, Apr. 9, 11, 18, 19, May 8, June 16, 23, 24, 26, Sept. 16-18, Oct. 28-31, Nov. 1, 16-18, 23, 24, 28-30, Dec. 1, 3, 10, 17.	Shoeburyness	Jan. 13, 16-18, 20, Feb. 13, Mar. 4, 25, Apr. 11, 12, 17-19, 26, May 9, July 29, Sept. 8, 17, 18, Nov. 1, 16, 23, 27, 29, 30, Dec. 9, 10, 29.





