

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

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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
							Stonyhurst ..	TR - - S
1	Craibstone ..	TR - - S	4	Birmingham ..	TR - - S		Wrexham	- E1 E4 -
	Dundee	TR - - -		Bradford	TR E1 E4 -	8	Long Ashton ..	TR - - S
	Edinburgh ..	TR - - S		Buxton	- E1 E4 -		Cardiff	TR E1 E4 S
	Marchmont ..	TR - - S		Huddersfield ..	- - - S		Falmouth	TR - - S
	Nairn	TR - - S		Nottingham ..	TR - - S		Ilfracombe ..	- E1 E4 -
	Arbroath	- - - S		Oxford	TR E1 E4 S		Plymouth	- E1 E4 -
6	Dumfries	TR E1 E4 S		Raunds	- E1 E4 -		Llandrindod Wells	TR - - S
	Eskdalemuir ..	TR - - S		Ross-on-Wye ..	TR E1 E4 S		Swansea	- E1 E4 -
	Kilmarnock ..	- E1 E4 -	5	East Malling ..	TR - - S		Teignmouth ..	TR - - S
	Paisley	- E1 E4 -		Hastings	TR E1 E4 S		NORTHERN IRELAND	
	Renfrew	TR - - S		Kew Observatory	TR E1 E4 S		Aldergrove ..	T - - S
	Rothsay	TR - - S		Margate	- E1 E4 -		Armagh	T - - S
	Stirling	- E1 E4 -		Porton	TR - - S		Ballykelly ..	T - - S
	Tiree	TR - - S		Southampton ..	TR - - S		Moneydig	T - - -
2	Cockle Park ..	TR - - S		Wisley	- E1 E4 -		Hillsborough ..	- - - S
	Cranwell	TR - - S					Castle Archdale	- - - S
	Durham	TR E1 E4 S					Forest	T - - S
	Hull	- E1 E4 -						
	Scarborough ..	TR - - S						
	Dishforth ..	TR E1 E4 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 (measured 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 750.062 mm of mercury at 0°C, and standard gravity 980.665 cm/sec²). 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-Gorczynski 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>Altnahinch</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.
<i>London (High Holborn)</i>	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.

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

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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 1—DISTRICT VALUES— JANUARY,

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.	10.8	-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	-4.4	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

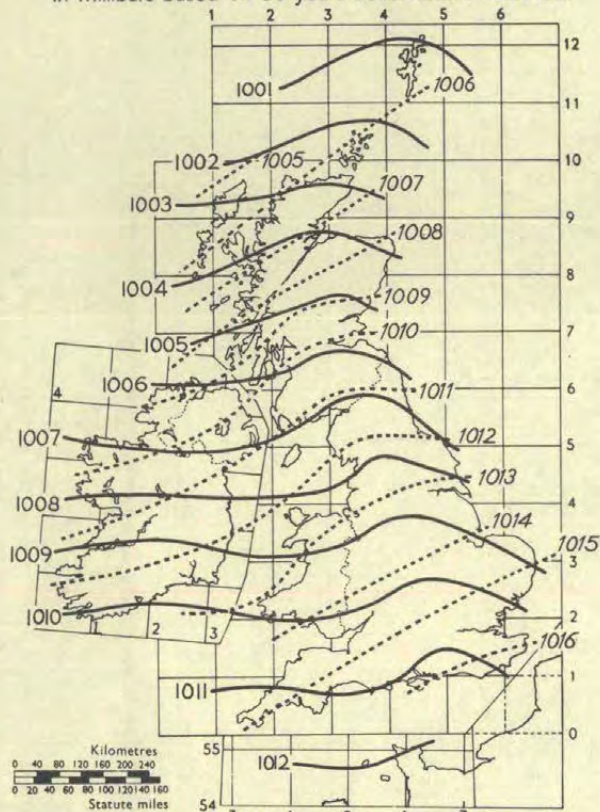
DISTRICTS	AIR TEMPERATURE					EARTH TEMP		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest	*Lowest	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average							% of Average		
6 SCOTLAND, W.	11.3	-10.9	-0.5	-0.9	-0.6	-0.6	-0.3	-4	103	171
7 ENGLAND, S.W. and N. Wales	13.3	-8.3	-0.4	-0.1	-0.2	-0.7	-0.3	-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)

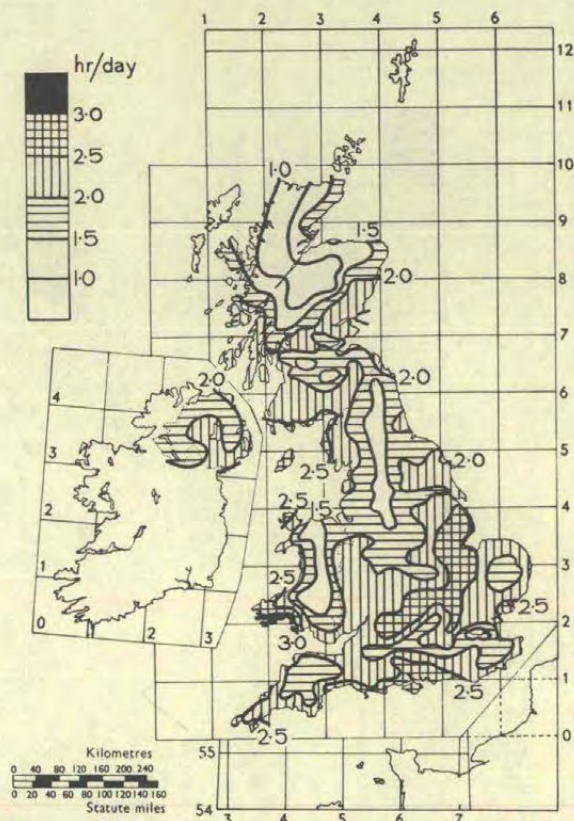
DISTRICT, COUNTY AND PLACE	Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Highest Velocities				
	Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Mean Hourly Wind Speed	Highest Hourly Wind			Highest Gust		
				Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	knots	Veer from N	Speed	Hour ended at	Speed	Day	Time
	ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.		°	knots	day hr.	knots	day	h m
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	"													
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	"													
	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, Blackford 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	6	27	264	270	183	0	9.0	230	32	17 10	64	17 0935
	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	"													
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	260	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	45	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	950	51	50	11, 13, 14	7	6	36	363	276	53	9	11.8	200	48	13 24	78	13 2330
Westmorland	Great Dun Fell	2813	33	33	5, 6, 8, 10-14	92	19	165	401	75	11	0	20.6	270	74	14 01	94	14 0035
	Moor House	1960	50	45	"													
Lancashire	Squires Gate	88	55	35	9, 13, 14, 16-18	36	15	122	305	224	57	0	14.8	260	50	14 01	76	14 0030
	Southport	65	46	36	13, 14, 17	25	7	42	234	224	208	11	10.0	270	(47)	14 03	73	14 0005
	Fleetwood	112	50	31	14	2	8	59	243	312	112	16	10.1	(270)	42	14 02	(74)	13 2355
	Speke	109	41	33	11, 13, 14, 17	13	9	77	229	352	73	0	11.3	250	39	14 01	62	14 0015
	Manchester W/Centre	268	147	55	-	0	6	29	219	380	108	8	9.2	(250)	28	17 21	59	17 2100
Cheshire	Bidston Observatory	262	64	39	9, 13, 14, 17, 18	24	11	73	274	317	45	11	-	270	43	14 05	71	17 1050
	Ringway	261	33	33	-	0	9	61	206	330	147	0	9.5	260	32	14 05	60	14 0115

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.

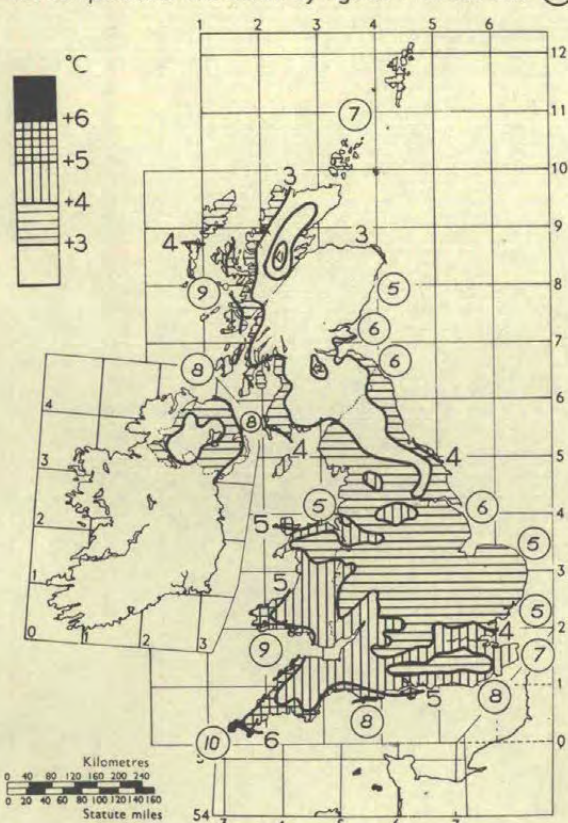


BRIGHT SUNSHINE

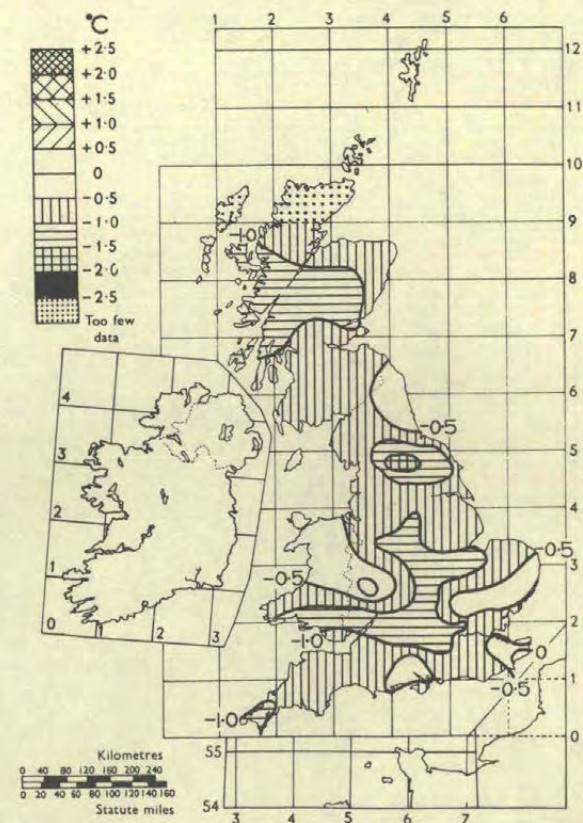


MEAN AIR TEMPERATURE

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.

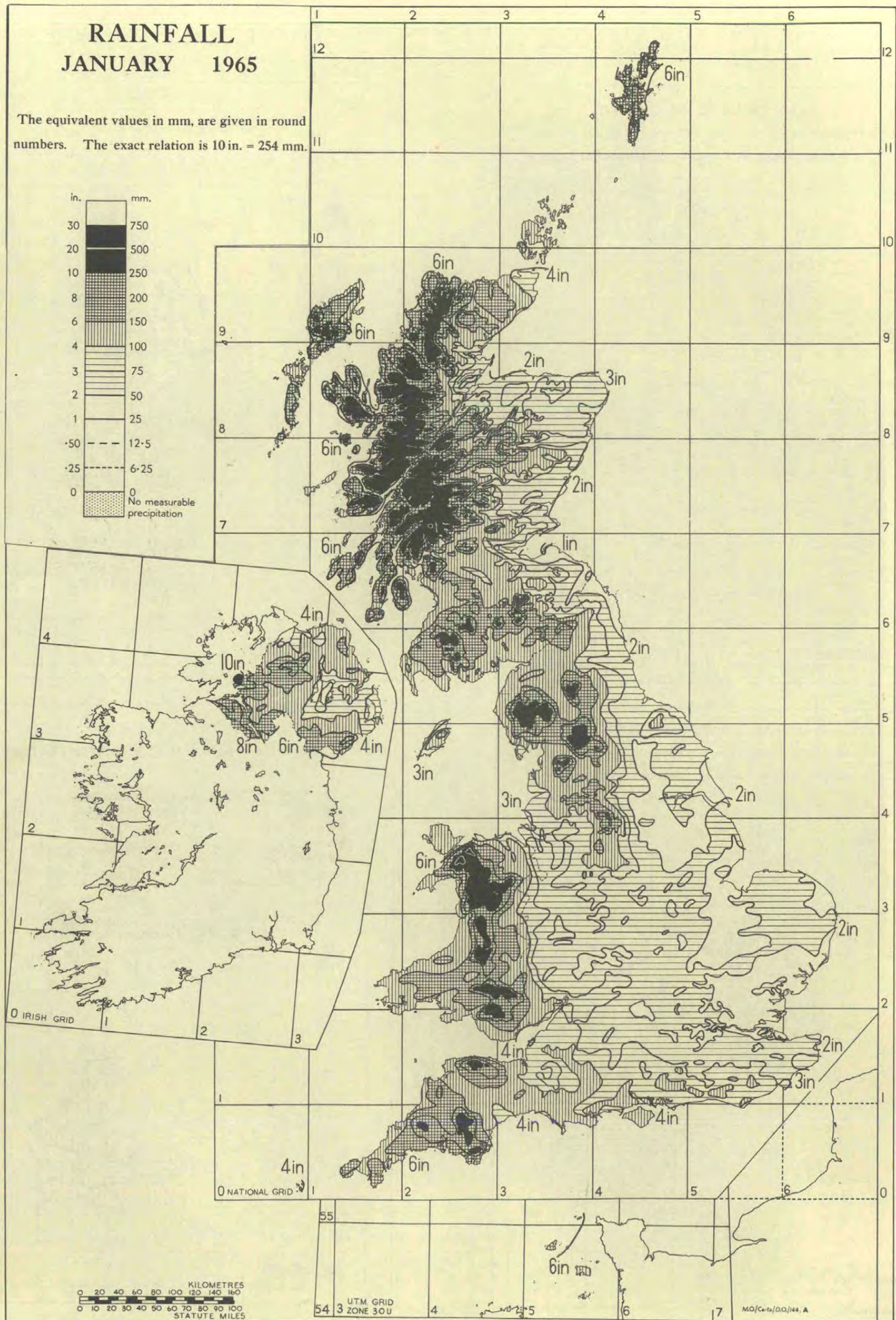
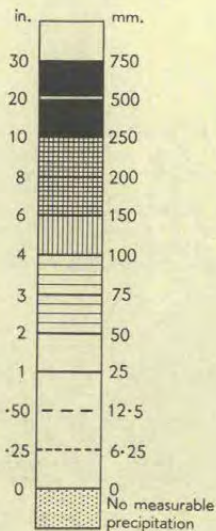


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 1965

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				TEMPERATURE		Total Fall	Per-centage of Average of	Most in a day		Precip'n		Number of days								Daily Mean	Per-centage of Average	
				A	B	C	D	Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date	0.1 in. (0.25 mm.) or more	0.01 in. (0.25 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			
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
0 SCOTLAND, N.																														
Zetland	Hamnavoe	9 9	70	5.6	2.2	3.9	-	8.3	4, 7, 10	-1.1	3, 20	-	-	6.85	-	1.03	10	28	24	9	6	3	0	0	0	4	2	1.01	-	
	Lerwick Obs'y.	21-9	269	4.5	1.2	2.9	-0.2	8.4	6	-4.1	20	-	-	7.52	148	1.02	13	29	27	19	9	2	16	0	1	9	20	3	0.87	
Orkney	Baltasound	9 9	78	5.1	0.7	2.9	-	8.3	5, 6, 7	-5.6	20	3.8	-	7.83	159	1.38	13	30	26	13	7	2	3	2	0	10	-	2	0.62	
	Sule Skerry	9 9	43	6.3	3.5	4.9	-	9.0	5, 6, 7	-0.2	30	-	-	4.96	-	.72	10	25	22	7	0	2	3	1	0	1	10	5	-	
	Stenness	9 9	75	5.3	1.1	3.2	-	9.4	7	-6.1	20	3.3	-	4.73	111	.99	13	28	22	6	8	0	4	1	1	11	21	2	1.51	
	Evie	9 9	110	5.8	1.4	3.6	-	9.4	7	-3.3	20	-	-	6.21	-	(.84)	13	26	25	-	-	-	-	0	8	17	-	1.29	-	
Caithness	Kirkwall	21-9	84	5.1	1.6	3.3	-	9.5	7	-3.9	20	-	-	4.80	113	.98	13	29	21	19	3	7	7	1	0	6	18	3	1.36	
	Dounreay	9 9	70	5.8	0.3	3.1	-	10.0	5, 6, 7	-8.9	21	-	-	4.46	-	1.17	13	27	21	-	7	-	-	0	9	25	3	-	124	
	Wick	21-9	119	4.7	0.4	2.5	-0.9	9.6	6, 7	-6.2	19, 21	-	-	3.57	122	1.12	13	25	17	19	9	0	10	1	0	15	23	1	1.65	
	Cape Wrath	21-9	367	5.7	1.5	3.6	-1.0	9.1	7	-4.0	21	-	-	5.58	111	1.18	10	26	21	12	5	4	0	1	0	8	13	4	1.04	
Sutherland	Achnary	9 9	280	4.0	-2.3	0.9	-	10.0	6, 7	-11.1	21, 29	2.2	4.4	4.36	95	.88	13	26	20	20	23	5	0	0	1	19	26	0	1.48	
	Strathay	9 9	120	4.7	-0.6	2.1	-0.6	10.6	6, 7	-11.7	20	-	-	5.86	132	1.20	13	27	24	17	13	2	4	0	0	17	-	0	1.09	
	Stornoway	21-9	11	5.6	1.1	3.3	-1.0	10.8	7	-5.8	29	-	-	5.13	123	.53	16	25	22	14	0	2	9	2	0	13	21	3	1.32	
	Balmacara	9 9	2	6.2	0.8	3.5	-	11.1	7	-3.9	29, 30	-	-	7.32	-	1.07	13	20	20	2	2	0	0	0	-	13	-	0	-	
Ross & Cromarty	Poolewe	9 9	20	5.9	0.9	3.4	-	11.1	7	-5.0	19	-	-	8.17	132	.89	10	23	23	-	-	-	-	0	11	19	-	1.09	-	
	Inverpolly	9 9	45	5.9	0.6	3.3	-	11.1	7	-6.1	19	4.2	-	6.87	-	1.21	10	25	24	12	-	9	0	5	-	12	21	0	0.88	
	Achnashellach	9 9	220	4.8	-1.6	1.6	-1.2	10.0	6, 7	-7.8	29	-	-	12.22	137	1.78	5	23	21	8	10	0	0	0	19	-	0	-	-	
	Kinlochewe	9 9	76	5.4	-0.4	2.5	-	11.7	6, 7	-6.7	22	3.7	-	9.69	115	1.10	13	24	23	13	11	4	0	2	0	14	24	0	0.70	
Inverness	Blackbridge	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fortrose	9 9	15	5.2	1.2	3.2	-0.5	10.0	7	(-5.6)	21	-	-	2.55	113	.87	13	19	15	9	4	0	0	0	1	9	-	0	1.16	
	Tarbatness	21-9	60	4.6	1.9	3.3	-	10.0	6, 7	-5.0	29	-	-	1.88	102	.46	23	19	12	7	2	0	0	0	0	5	-	1	-	
	Benbecula	21-9	19	6.3	1.8	4.1	-0.6	10.2	10	-4.5	29	-	-	5.94	126	.98	13	23	19	10	1	4	5	3	1	13	19	9	1.85	
	Isle of Rhum	9 9	15	6.4	0.8	3.6	-	11.7	7	-5.6	29	3.3	6.4	12.42	115	1.50	23	23	18	2	3	6	3	6	0	13	21	10	-	
	Prabost	9 9	220	5.4	0.7	3.1	-	10.0	6, 7	-3.9	20, 29	-	-	7.36	91	1.07	10	25	18	7	11	3	12	2	0	12	25	4	1.86	
	Duntulm	9 9	294	5.8	1.4	3.6	-0.8	10.0	7	-3.9	20	-	-	6.14	105	1.18	10	26	21	13	3	9	0	5	0	6	17	5	1.23	
	Onich	9 9	48	5.7	0.2	2.9	-0.7	10.6	7	-4.4	3, 4	-	-	9.06	93	.88	7	17	17	1	0	0	0	2	0	13	21	0	1.85	
	Fort William	9 9	27	5.7	-0.5	2.6	-	11.7	10	-7.2	29	2.6	4.2	6.99	-	.88	10	19	16	12	0	1	4	2	0	15	22	2	1.34	
	Fort Augustus	9 9	70	4.5	-0.7	1.9	-0.7	10.0	6, 7	-5.6	31	-	-	5.67	-	.78	10	21	18	9	3	0	0	0	1	16	-	1	1.03	
	Cannich	9 9	350	3.5	-3.8	-0.1	-	11.1	7	-13.9	20	-	-	6.50	112	.89	13	16	16	7	24	0	0	0	0	21	30	0	-	
	Inverness	9 9	13	5.1	-0.3	2.4	-	11.7	7	-5.0	20, 21, 31	-	-	2.17	87	.50	13	17	14	5	6	0	0	0	0	16	24	0	1.18	
	Coire Cas Shieling	9 9	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Cairngorm	9 9	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Achnagoichan	9 9	1000	3.1	-2.7	0.2	-	11.1	7	-11.7	21	2.2	-	3.66	-	.78	13	19	14	16	-	0	0	0	-	25	29	1	-	-	
Glenmore Lodge	9 9	1120	3.1	-3.1	0.0	-	11.2	7	-12.5	29	-	-	3.48	80	.71	13	23	19	10	25	0	0	0	1	23	28	0	0.42	-	
1 SCOTLAND, E.																														
Nairn	Nairn	9 9	20	4.9	-0.7	2.1	-1.0	11.1	7	-11.1	29	-	-	2.25	113	.53	13	19	16	3	6	0	0	0	0	14	26	0	1.07	67
	Forres	9 9	155	4.6	-1.2	1.7	-	10.6	7	-8.9	29	2.0	4.2	2.27	123	.75	13	25	14	9	13	0	0	0	0	18	21	0	1.37	79
Moray	Kinloss	21-9	15	4.8	-0.6	2.1	-	11.5	7	-9.5	21	2.8	-	2.22	123	.59	13	24	12	17	0	0	6	0	0	18	26	1	1.33	-
	Elgin	9 9	92	5.2	-0.2	2.5	-	11.7	7	-8.3	20	-	-	2.04	104	.67	13	21	14	4	12	0	0	0	0	12	25	0	1.45	-
Banff	Lossiemouth	9 9	21	5.2	-1.0	2.1	-0.7	11.1	7	-10.0	29, 30	-	-	2.07	111	.41	23	20	17	12	8	2	3	0	0	14	27	0	-	-
	Gordon Castle	9 9	104	5.1	-0.1	2.5	-0.6	11.1	7	-7.8	29	-	-	2.48	105	.68	13	22	16	-	12	-	-	-	-	11	-	1.22	84	
	Glenlivet	9 9	706	3.4	-1.6	0.9	-	10.8	7	-12.6	29	-	-	2.62	-	.56	13	27	15	18	19	2	0	0	0	19	26	1	1.36	-
	Banff	9 9	80	5.2	0.2	2.7	-	10.6	7, 10	-8.3	21	-	-	2.77	-	.61	23	24	17	11	8	7	0	0	0	8	-	2	1.27	-
	Braemar	9 9	1113	3.1	-3.1	0.0	-0.6	8.3	7	-12.8	20, 21	-	-	2.81	69	.48	10	20	13	-	25	-	-	-	0	24	25	-	0.90	-
	Balmoral	9 9	927	3.1	-3.0	0.1	-0.5	9.4	10	-12.2	21	-	-	3.04	88	.69														

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 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																								
				A Max.	B Min.		Mean Temperature of A and B	°	Maximum	Date	Minimum	Date	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			
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Amount	Date	0.1in (0.2mm) or more	0.1in (1.0mm) or more	°	°	°	°	°	°	°	hr	%		
1 SCOTLAND, E.—cont.																															
Midlothian	Davidson's Mains	9 9	200	4.8	0.1	2.5	-0.3	11.1	7	-6.7	30	2.1	-	2.08	82	.42	10	18	14	7	5	0	2	0	0	15	21	0	1.93	- S	
—cont.	Penicuik ...	9 9	620	3.9	-1.0	1.5	-	10.0	7	-10.6	30	1.6	-	3.85	105	.56	9	18	17	9	8	0	0	0	3	16	26	0	1.70	-	
	Bush House	9 9	605	4.4	-0.8	1.8	-	10.6	7	-10.6	31	1.7	3.6	3.31	99	.54	10	18	15	9	7	2	0	0	2	17	22	1	2.05	-	
	Edinburgh—																														
	.. Blackford Hill	9 9	441	4.8	0.7	2.7	-0.5	11.1	7	(-5.6)	30	-	-	2.08	85	.30	13	17	14	7	5	3	0	0	0	12	25	9	2.07	118	
	.. Royal Bot. Gdns.	9 9	74	5.4	0.1	2.7	-0.3	11.7	7	-6.7	30	2.2	-	1.81	76	.29	10	16	12	5	5	0	0	0	1	14	22	0	2.03	143	
E. Lothian	Haddington ...	9 9	162	5.1	-0.3	2.4	-	11.7	7	-10.6	30	-	-	1.60	71	.32	28	18	10	4	4	2	0	0	2	15	22	0	1.56	- S	
	Dunbar ...	9 9	75	5.7	1.1	3.4	-0.2	12.2	7	-5.6	30	-	-	1.27	64	.31	25	15	9	5	2	1	0	0	0	9	18	0	2.04	113	
Berwick	Merton ...	9 9	225	5.1	-1.2	1.9	-	10.6	7,10	-10.0	30	-	-	2.17	-	.31	13	18	14	8	-	2	0	0	0	17	25	1	2.09	-	
	Lauder ...	9 9	600	4.0	-1.4	1.3	-	10.6	7	-12.2	30	-	-	3.25	-	.58	13	20	16	16	9	0	0	0	1	21	26	0	2.52	-	
	Marchmont	9 9	498	4.4	-0.7	1.9	-0.4	9.4	7,10	-7.8	30	-	-	2.46	85	.55	9	18	13	8	12	0	0	0	0	18	-	1	1.87	132 S	
	Whitchester	9 9	838	3.9	-1.2	1.3	-	9.4	7	-8.9	30	-	-	3.00	99	.55	13	21	14	13	13	1	0	0	0	22	-	2	-	-	
	St. Abb's Head	9 9	245	5.3	2.2	3.7	-	11.1	10	-1.9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Peebles	Stanhope Farm	9 9	741	3.8	-2.0	0.9	-	11.1	7	-13.3	3	-	-	5.77	112	.99	10	19	16	10	10	1	0	0	0	1	15	26	0	-	-
	Blyth Bridge	9 9	830	3.3	-1.8	0.7	-	10.0	7	-11.7	30	-	-	4.38	115	.55	9	18	16	12	9	0	2	4	1	19	26	1	1.82	-	
	West Linton	9 9	800	3.6	-1.7	0.9	-	10.0	7	-12.8	31	1.2	3.1	4.18	106	.65	9	19	17	10	10	0	0	0	0	17	24	0	-	-	
	Glenless	9 9	580	4.4	-2.3	1.1	-	11.1	7	-11.7	30	-	-	3.38	103	(.55)	8	17	17	9	7	0	0	0	1	20	-	1	-	-	
Selkirk	Bowhill	9 9	600	4.4	-1.0	1.7	-	10.6	7	-10.6	30	-	-	4.08	110	.68	13	19	17	11	10	0	2	0	1	18	-	4	-	-	
Roxburgh	Wauchope	9 9	560	4.3	-1.8	1.3	-	10.0	7	-12.2	30	-	-	3.98	113	1.19	10	18	13	8	5	0	0	0	2	17	-	1	-	-	
	Sourhope	9 9	900	3.7	-1.2	1.3	-	9.4	7,10	-8.3	30	-	-	2.24	-	.31	26	19	16	8	8	0	4	0	0	16	26	2	1.32	-	
6a SCOTLAND, W.																															
Argyll	Tiree ...	21-9	29	6.4	2.1	4.3	-1.0	10.3	7	-3.9	29	-	-	5.36	113	1.01	13	20	17	6	0	1	11	1	2	8	19	5	2.23	173	
	Rhuvaal ...	21-9	65	6.7	2.8	4.7	-	10.6	6	-0.6	21,29	-	-	6.87	108	1.13	16	17	15	8	0	8	0	6	0	3	13	4	-	-	
	Colonsay ...	9 9	87	6.7	1.7	4.2	-0.4	10.6	7	-3.9	30	-	-	4.88	84	.83	13	24	17	3	-	5	0	0	2	8	-	4	-	-	
	Tobermory	9 9	270	6.1	1.2	3.7	-	10.0	6,7,10	-3.9	29	-	-	7.72	-	.87	23	18	18	-	-	-	-	-	-	9	19	-	-	-	
	Craighouse	9 9	10	6.8	1.8	4.3	-	11.1	7	-2.8	28	-	-	7.80	-	.94	8	19	17	-	-	-	-	-	0	7	-	-	-		
	Machrihanish	9 9	33	6.6	1.7	4.1	-	12.5	7	-3.9	28	-	-	5.55	-	1.03	13	17	15	8	0	10	1	6	1	13	18	8	2.34	-	
	Campbeltown	9 9	10	7.0	1.3	4.1	-	10.0	11,13	-2.8	21,30,31	-	-	5.50	-	1.37	13	17	15	2	0	0	0	1	6	13	-	1	2.40	-	
	Achaglachgach	9 9	40	6.4	-0.8	2.8	-	11.7	9	-6.7	3	-	-	7.40	108	.85	13	18	17	5	-	5	0	4	1	13	30	0	-	-	
	Lepinmore	9 9	30	5.6	0.4	3.0	-	11.1	7	-4.4	3	-	-	8.64	105	1.13	13	17	17	5	1	3	0	2	1	12	23	0	2.02	- S	
	Glenbranter	9 9	120	4.5	-	-	-	10.6	7	-	-	-	-	11.74	102	1.32	13	18	17	-	4	-	-	-	0	-	24	-	-	-	
	Benmore																														
	.. Forestry Sch.	9 9	46	5.5	-1.2	2.1	-1.3	11.7	7	-6.1	31	2.0	4.0	11.92	-	1.65	13	18	16	5	4	1	0	0	1	21	23	0	1.69	- S	
	.. Younger B.G.*	9 9	40	5.3	-0.2	2.5	-	11.7	7	-4.4	3,21,31	-	-	11.10	97	1.63	13	17	16	6	3	2	0	2	1	15	24	0	-	-	
Bute	Rothsay	9 9	150	5.9	1.3	3.6	-0.5	11.1	7,10	-2.2	3	2.8	4.4	6.43	107	1.01	13	19	15	6	2	1	3	4	1	10	17	0	2.56	188	
	Millport	9 9	16	6.6	1.9	4.3	-	10.6	6,7	-1.7	28	-	-	5.26	105	.83	13	17	15	7	0	3	0	3	1	7	-	1	-	-	
Dunbarton	Finnart	9 9	50	6.4	0.5	3.5	-	12.2	7	-4.4	19	-	-	9.84	-	1.32	9	19	17	6	3	1	0	2	-	13	-	0	-	-	
	Helensburgh	9 9	293	4.8	-0.1	2.3	-0.5	10.0	7	-4.4	28,29,30	-	-	6.65	101	.92	13	19	17	3	2	0	0	0	1	14	-	1	2.16	193	
	Cumbernauld	9 9	310	3.9	-1.1	1.4	-	10.0	7	-6.7	31	-	-	5.14	-	.82	13	19	15	5	9	0	0	0	1	17	24	0	-	-	
Stirling	Earls Hill	9 9	1100	2.1	-1.7	0.2	-	8.0	6,10	-6.8	20	-	-	6.55	-	1.08	10	18	15	-	-	-	-	-	2	24	26	-	2.40	-	
	Stirling	9 9	151	5.4	0.0	2.7	-0.2	13.3	10	-3.9	4,19,26	2.2	5.8	4.29	94	.86	16	13	12	5	2	2	0	1	5	14	26	1	2.29	-	
	Falkirk	9 9	100	5.1	-0.2	2.5	-0.3	11.1	7	-5.0	4	-	-	4.40	107	.73	13	19	14	-	-	-	-	-	-	16	-	-	-	-	
Renfrew	Greenock	9 9	200	5.4	0.8	3.1	-0.7	11.1	7	-2.2	3,19,31	-	-	7.43	95	.95	13	18	15	5	3	4	0	1	2	14	24	0	1.87	- S	
	Paisley	9 9	106	5.1	0.6	2.9	-0.6	10.6	7	-5.0	31	3.0	5.8	5.00	96	.71	13	18	15	9	3	3	0	2	4	13	20	1	1.75	173	
	Barrhead	9 9	97	5.3	-0.6	2.3	-	11.1	6	-8.9	31	-	-	5.41	102	.92	8	19	14	6	4	3	0	2	1	14	21	0	-	-	
	Renfrew	21-9	26	5.5	-0.2	2.7	-0.4	11.3	7	-7.9	31	-	-	4.31	92	.71	13	15	14	10	1	3	1	2	4	16	23	1	1.88	168	
Lanark	Crossmyloof	9 9	75	5.3	-0.1	2.6	-	11.1	7	-6.7	31	-	-	3.98	-	.64	8	20	13	7	4	0	1	1	14	21	0	1.25	-		
	Thorntonhall	9 9	453	4.2	-0.9	1.7	-																								

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 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	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																					
			Max.	Min.			Max.	Date	Min.	Date																					
G.M.T.			ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.			-0.1in (0.2mm) or more	-0.1in (1.6mm) or more									hr	%			
2 ENGLAND, N.E. cont.																															
Northumb-berland cont.	Berwick-on-Tweed	9 9	76	5.5	0.6	3.1	-0.3	11.7	10	-7.2	30	-	-	1.77	87	.49	23	19	11	6	0	3	0	0	0	8	21	3	2.19	124	
	Cockle Park	9 9	326	5.1	0.3	2.7	+0.1	11.1	10	-4.5	30	-	-	2.07	74	.30	16,26	23	14	-	-	-	-	-	13	-	-	1.95	109		
Durham	Acklington	21-9	138	5.4	0.9	3.1	-	11.7	11	-7.0	30	-	-	1.82	72	.35	13	19	11	15	9	0	8	0	0	12	22	2	1.95	-	
	Tynemouth	21-9	95	5.6	2.1	3.9	-0.1	11.5	11	-3.6	30	-	-	2.81	120	.38	2,27	19	15	15	3	3	0	0	0	6	16	2	1.80	129	
	Seahouses	21-9	37	6.0	0.4	3.2	-	12.3	7	-5.6	30	-	-	1.74	-	.34	13	14	8	4	0	1	0	0	0	13	25	3	2.11	-	
	Chopwellwood	9 9	446	4.6	-0.4	2.1	-0.5	11.1	10	-8.3	30	-	-	2.80	108	.54	27	22	15	7	11	0	0	0	0	16	27	0	-	S	
	Ushaw College	9 9	594	4.7	-0.3	2.2	-0.3	10.0	10	-5.0	30	-	-	3.95	148	.71	27	21	16	-	12	-	-	-	7	16	-	-	-		
	Houghall	9 9	123	6.3	-1.6	2.3	-0.2	11.1	7,10	-12.2	30	-	-	3.15	125	.62	16	21	15	7	11	1	4	0	1	18	27	0	2.06	145	
	Durham	9 9	336	5.4	-0.6	3.4	-0.4	10.6	7,10	-8.3	30	2.7	5.5	3.57	154	.75	16	22	15	-	11	-	-	-	-	14	27	-	2.07	123	
	Gateshead	9 9	509	4.8	0.3	2.5	-	10.6	7,10	-5.6	30	-	-	2.51	106	.47	27	17	13	-	8	-	-	-	0	14	19	-	2.01	-	
	West Hartlepool	9 9	30	6.3	1.2	3.7	-	11.7	7,10	-4.4	4,15	-	-	2.33	107	.27	26	21	15	10	6	2	0	0	3	6	19	2	1.80	-	
	Yorks.	Dishforth	21-9	105	5.6	0.9	3.3	+0.3	11.5	11	-5.2	23	-	-	2.00	83	.40	13	18	14	14	5	2	3	0	2	16	-	2	2.45	129
N. Riding	Thirsk	9 9	111	5.7	-0.6	3.1	-	11.1	10	-6.7	4	-	-	1.82	-	.45	13	20	12	9	1	0	0	2	16	26	2	-	-	-	
	Ampleforth	9 9	313	5.5	-0.1	2.7	0.0	10.0	7,10,16	-4.4	4	-	-	1.81	62	.32	13	22	12	-	-	-	-	-	-	1	18	26	-	-	S
Yorks., E. Riding	Redcar	9 9	25	6.8	1.8	4.3	-	11.7	7,10	-3.3	4	-	-	2.08	99	.22	16	21	16	-	4	-	-	-	-	0	6	-	-	1.77	-
	Pickering	9 9	143	5.6	-0.8	2.4	-	10.6	10	-8.3	5	-	-	2.27	-	.36	3	24	16	10	11	1	4	0	2	21	26	0	-	-	
	Whitby	9 9	135	6.5	1.3	3.9	-	11.1	7	-3.9	4,20	-	-	2.06	81	.62	13	19	13	6	2	0	3	0	0	6	-	2	1.84	112	
	Scarborough	9 9	118	6.4	1.7	4.1	0.0	10.6	7,10,11	-2.2	5	3.7	6.3	2.47	98	.37	2	22	15	5	4	0	0	0	0	4	14	4	1.83	129	
	Silpho Moor	9 9	665	4.9	0.4	2.7	-	9.4	10,11	-5.0	4	2.6	-	2.81	85	.37	17,23	24	15	-	9	-	-	-	2	20	27	-	2.18	-	
	Whitby C. Guard	21-9	200	6.0	1.9	3.9	-	11.2	8	-4.0	20	-	-	1.76	-	.53	13	17	11	5	0	2	0	0	0	8	10	3	-	-	-
	High Mowthorpe	9 9	574	4.3	-0.6	1.9	-	9.4	10	-7.2	4	2.2	-	2.50	105	.52	13	21	15	-	12	-	-	-	1	17	27	-	2.38	-	
	Hull	9 9	8	6.2	1.4	3.8	+0.1	11.7	11	-3.3	4,5	3.1	5.9	1.85	78	.26	13	23	15	9	7	0	0	0	0	12	21	1	1.92	154	
	Leconfield	21-9	24	5.8	1.4	3.6	-	11.3	11	-5.3	4	-	-	2.03	-	.31	13	19	16	10	7	0	9	1	0	14	27	2	2.18	-	
	Lincoln	Filey	9 9	122	5.9	0.8	3.3	-	10.6	7,10	-4.4	20	-	-	2.16	83	.40	13	20	16	8	4	5	2	0	1	7	17	3	2.12	-
Bridlington		9 9	157	5.8	0.6	3.2	-	10.0	7,11,16	-3.9	4	-	-	2.21	83	.28	13,23	21	17	-	3	-	-	-	0	12	19	3	2.76	-	
Kilnsea		21-9	40	5.9	1.9	3.9	-	10.3	11	-2.0	19	-	-	1.81	-	.37	16	22	13	6	1	1	2	0	0	7	-	4	-	-	
Navenby		9 9	60	5.4	-0.1	2.7	-	11.7	16	-5.0	3,5,19	-	-	1.84	-	.25	6,13	19	14	9	10	0	0	0	1	16	23	3	-	-	
Waddington		21-9	224	5.3	0.9	3.1	+0.1	12.2	11	-3.8	4	-	-	1.41	-	.25	6	16	13	9	9	0	2	0	3	17	20	1	2.60	-	
Lincoln		9 9	22	5.7	-1.0	2.3	-	11.1	10,11,16	-7.8	4	3.0	5.1	1.79	88	.34	13	22	14	4	7	0	0	0	1	18	26	3	2.38	-	
Cranwell		9 9	205	5.4	0.4	2.9	-0.1	11.2	11,16	-3.0	4	2.7	4.7	1.53	74	.24	6	17	11	8	10	0	1	0	3	16	19	0	2.84	160	
Brigg		9 9	10	5.8	-0.5	2.7	-	11.7	11	-6.1	4,5	-	-	2.53	-	.48	16	19	14	10	11	0	3	0	0	18	22	2	-	-	
Caistor		9 9	180	6.1	0.0	3.1	-	11.1	11	-5.0	19,21,30	-	-	2.62	-	.58	16	22	12	-	-	-	-	-	-	14	-	-	-	-	
Binbrook		21-9	353	5.0	0.5	2.7	-	11.2	11	-5.2	4	-	-	2.36	-	.31	13	21	18	11	10	0	7	1	3	16	21	1	-	-	
Suffolk	Cleethorpes	9 9	23	6.1	1.8	3.9	+0.4	11.1	11	-2.8	20	-	-	2.07	95	.48	16	21	15	4	5	1	0	0	0	8	-	2	2.52	159	
	Manby	21-9	55	5.8	1.4	3.6	-	11.1	11	-3.3	20	-	-	2.29	109	.29	13	21	18	10	7	0	7	0	0	11	20	1	2.63	-	
	Skegness	9 9	15	6.2	0.3	3.3	0.0	11.1	11,16	-3.9	5,6,7	-	-	1.89	90	.24	13,23	15	14	4	5	2	0	0	1	16	-	3	2.51	145	
	3 ENGLAND, E.																														
	Norfolk	Terrington	9 9	13	5.5	0.7	3.1	-	11.7	16	-2.8	5,6,29	3.3	-	2.12	118	.34	15	21	15	5	7	0	1	0	0	15	21	0	2.98	-
	St. Clement	21-9	76	5.5	0.9	3.2	-	11.7	16	-6.2	5	-	-	2.17	-	.46	9	20	17	7	5	0	1	0	0	17	18	1	-	-	-
	Marham	9 9	80	6.1	-0.6	2.7	-	12.8	10	-8.3	28	3.3	5.2	2.09	92	.46	9	23	15	-	8	-	-	-	-	-	17	21	-	1.96	-
	Santon Downham	21-9	250	4.9	0.6	2.7	-	11.0	16	-5.7	29	-	-	2.93	115	.45	9	20	17	8	10	1	5	0	1	15	20	2	2.37	-	
	West Raynham	9 9	178	5.9	1.7	3.8	+0.1	11.7	11	-2.2	20	-	-	1.70	69	.35	7	16	10	-	1	-	-	-	-	0	1	18	-	2.20	123
	Cromer	9 9	93	5.8	1.1	3.5	+0.2	12.2	16	-3.3	28	4.2	-	1.77	76	.27	9	16	12	4	6	0	2	0	-	13	21	1	1.90	117	
Suffolk	Sproston	9 9	55	5.9	1.7	3.8	-	12.2	16	-5.2	20	-	-	2.07	-	.39	16	18	14	8	4	2	2	0	0	1	13	18	1	-	-
	Coltishall	21-9	55	5.8	1.4	3.6	-	11.7	11,16	-2.2	5	-	-	1.66	73	.21	9	18</													

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 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								Rainfall		Weather													
				A	B			Maximum	Date	Minimum	Date	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					
				°C.	°C.			°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	°in (0.2mm) or more	°in (1.5mm) or more	°	°	°	°	°	°	°	°	°	°	°	°	°
4 MIDLAND COUNTIES—cont.				G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%	
Yorks., W. Riding— —cont.	Huddersfield	9 9	325	5.8	0.9	3.3	+0.2	11.1	10,13	-2.8	30,31	2.7	5.2	3.75	-	.70	13	22	16	-	7	-	-	-	2	15	18	-	1.61	196	
	Oakes	21-9	761	4.4	0.8	2.6	-0.1	9.8	11	-3.2	4,30	2.8	5.0	5.03	125	.87	13	22	17	13	6	2	4	1	3	14	20	7	1.63	126	
	Bradford	9 9	439	5.2	0.7	2.9	0.0	10.0	7,10,16	-3.9	4,5	2.5	4.9	4.32	123	.93	13	24	16	11	10	2	6	1	0	15	21	2	-	-	
Derby	Ilkley	9 9	315	5.8	0.8	3.3	+0.5	11.1	7	-5.6	4	-	-	5.02	125	1.27	13	17	15	10	8	0	2	2	0	16	-	1	1.64	118	
	Sheffield	9 9	429	5.7	1.4	3.5	-0.1	10.6	7,10,16	-1.7	30,31	-	5.7	3.55	117	.87	9	22	15	9	-	0	0	0	-	12	21	0	1.85	158	
	Wakefield	9 9	121	6.3	1.3	3.8	+0.6	11.7	10	-3.9	4,19	3.6	5.7	2.22	88	.37	13	16	15	3	4	2	0	1	3	14	23	0	-	-	
	Pontefract	9 9	255	6.0	1.0	3.5	+0.4	11.1	10,11,16	-2.8	4,31	-	-	1.32	61	.45	13	13	7	-	0	-	-	-	3	14	14	-	-	-	
	Bramham	9 9	177	5.6	0.3	2.9	-	11.1	10	-4.4	30	-	-	2.35	118	.56	17	19	13	10	2	0	0	0	0	17	24	1	2.30	-	
	Cawood	9 9	20	5.7	0.3	3.0	-	11.1	10	-4.4	4	2.4	4.7	1.87	81	.42	17	16	12	5	5	0	0	0	0	15	20	2	2.08	-	
	Askham Bryan	9 9	110	5.7	0.1	2.9	-	10.6	7,10,16	-4.4	30	-	-	1.76	71	.37	17	15	13	-	3	-	-	-	1	16	21	-	2.21	160	
	Buxton	9 9	1007	3.7	-0.1	1.8	-0.1	8.9	7,10,16	-5.0	19	2.2	4.0	6.41	117	1.74	9	20	19	9	11	0	3	0	5	17	21	4	-	-	
	Chapel en le Frith	9 9	732	4.7	0.1	2.4	-	10.0	16	-7.2	4	-	-	4.73	-	1.10	9	23	17	12	5	0	2	0	6	16	26	0	-	-	
	Mackworth	9 9	293	5.7	0.0	2.9	-	11.1	11	-5.5	4	-	-	2.90	-	.80	9	20	15	8	0	0	1	0	1	17	22	0	-	-	
Nottingham	Belper	9 9	203	5.7	0.1	2.9	-0.2	11.1	7,11	-4.5	3	-	-	3.29	117	.79	9	18	14	6	2	0	0	0	-	19	-	0	-	-	
	Derby	9 9	159	6.2	1.0	3.6	-	11.7	11,16	-3.3	3	-	-	2.68	-	.82	9	18	15	7	3	0	1	0	0	17	23	0	1.90	-	
	Morley	9 9	350	5.4	0.3	2.9	-	11.7	10	-3.9	4,19	-	-	2.85	122	.98	9	19	15	9	4	0	0	0	-	16	23	3	1.97	-	
	Chesterfield	9 9	298	5.9	0.5	3.2	-	11.1	7,11,16	-3.9	30,31	-	-	2.60	-	.64	9	21	13	10	6	0	0	0	0	8	-	2	-	-	
	Sutton Bonington	9 9	157	5.9	0.2	3.1	0.0	11.7	16	-5.0	25	3.6	5.6	2.76	127	.76	16	20	15	5	1	0	0	0	0	18	22	0	2.05	151	
	Wattall	21-9	385	5.3	1.0	3.1	-	11.0	11	-2.9	5,19	-	-	2.73	101	.58	9	19	14	12	5	4	6	0	2	13	22	0	1.73	121	
	Nottingham T.C.**	9 9	169	6.2	0.7	3.5	-	12.8	11	-3.9	25	-	-	2.26	-	.58	9	21	15	-	-	-	-	4	15	24	-	2.60	-		
	Mansfield	9 9	362	5.3	0.9	3.1	+0.1	11.1	16	-2.8	4	2.5	-	2.22	83	.51	13	18	14	7	4	0	0	0	1	14	23	0	-	-	
	Nottingham	9 9	192	6.1	0.7	3.4	-0.1	11.7	11,16	-3.9	25	2.5	4.7	2.28	100	.37	9	21	14	3	4	0	0	0	1	16	21	0	1.90	153	
	Warsop	9 9	150	6.0	-	-	-	11.7	11,16	-	-	-	-	1.21	57	.17	9	19	11	-	3	-	-	-	0	-	22	-	1.96	-	
Leicester	Finningley	21-9	34	6.3	1.4	3.9	+0.6	11.6	11	-2.6	31	-	-	1.76	-	.41	16	17	13	10	5	1	0	1	1	14	22	1	2.25	-	
	Newtown Linford	9 9	392	5.2	0.0	2.6	-	11.1	16	-4.5	5	-	-	2.92	-	1.00	9	19	14	8	7	0	0	0	0	17	22	0	2.19	-	
	Caldecott	9 9	175	5.8	-0.9	2.5	-	11.7	16	-6.7	5	-	-	2.65	-	.58	9	20	14	-	0	-	-	-	1	19	23	-	1.95	-	
Northampton	Bugbrooke Mills	9 9	228	5.9	-0.1	2.9	-	11.7	16	-5.5	5	3.4	6.0	1.97	-	.35	9	17	10	-	4	-	-	-	4	16	-	2.51	-		
	Raunds	9 9	193	5.6	0.1	2.8	-	11.7	16	-4.5	5,25	2.8	6.5	2.29	111	.35	9	21	16	6	4	0	0	0	0	17	22	0	2.34	-	
	Wittering	21-9	212	5.4	1.1	3.3	-	11.8	16	-3.9	5	-	-	2.09	-	.39	9	21	14	10	5	1	2	1	1	14	21	1	2.85	-	
Warwick	Birmingham K.E.S.*	9 9	450	5.5	1.1	3.3	-	11.7	7,16	-3.9	4	-	-	3.05	-	.50	9	17	15	6	7	0	1	0	3	13	-	0	-	-	
	Edgbaston	21-9	536	5.1	1.7	3.4	-0.1	11.0	16	-3.3	4	4.8	7.1	2.87	96	.50	9	18	15	12	10	3	0	0	3	11	18	0	2.23	163	
	Luddington	9 9	138	6.3	0.5	3.4	-	11.7	16	-6.7	5	-	-	1.71	80	.31	20	18	12	9	5	0	0	0	1	16	21	1	2.39	-	
Oxford	Stratford on Avon	9 9	160	6.3	-0.3	3.0	-	11.1	10,11	-7.8	5	3.0	-	2.07	115	.26	14	20	14	5	3	0	0	0	2	16	23	0	2.23	-	
	Elmdon	21-9	319	5.7	0.8	3.3	-	11.9	16	-5.6	5	-	-	2.49	99	.52	9	19	13	10	4	1	0	0	1	15	22	1	2.36	-	
	Shipston on Stour	9 9	365	5.7	0.7	3.2	-	11.7	16	-3.9	5	3.7	-	2.60	-	.37	20	19	16	7	6	0	0	0	2	15	25	-	2.36	-	
	Wellesbourne	9 9	153	5.9	0.1	3.0	-	10.5	11,13,16	-7.2	5	-	-	2.17	94	.28	19	18	15	7	-	0	0	0	-	16	-	3	2.03	-	
	Moreton Morrell	9 9	280	6.1	0.1	3.1	-	11.1	16	-5.0	4,5,6	-	-	2.09	-	.25	14	19	14	5	4	0	0	0	1	15	23	3	2.22	-	
	Coventry	9 9	338	5.8	0.4	3.1	+0.1	11.1	16	-4.4	5	3.4	6.2	2.10	85	.46	9	17	12	-	-	-	-	0	16	-	-	-	-	-	
	Rugby	9 9	385	5.5	0.3	2.9	0.0	11.1	16	-4.5	4,5	1.9	4.9	2.67	-	.57	9	19	15	6	6	1	2	0	0	17	22	2	-	-	
	Buckingham	Oxford	9 9	208	6.3	1.2	3.7	0.0	11.7	11,16	-3.9	5	2.9	5.5	2.21	94	.35	17	16	16	7	2	0	0	0	2	14	17	0	2.70	154
	Medmenham	9 9	98	6.6	-0.6	3.0	-	12.2	16	-8.3	5	-	-	2.31	-	.35	15	16	13	-	-	-	-	-	-	18	23	-	-	-	
	Grendon Underwood	9 9	220	6.1	-0.7	2.7	-	12.2	11	-9.5	5	2.8	5.8	2.27	-	.35	13	17	15	4	1	0	0	0	-	18	23	0	2.45	-	
Stafford	Bletchley	9 9	281	6.2	0.5	3.3	-	11.7	11,16	-4.5	5	-	-	2.40	-	.32	9	17	12	6	3	0	1	0	1	14	-	0	-	-	
	Aylesbury	9 9	316	5.5	0.1	2.7	-	11.1	11,16	-4.5	5,21	-	-	1.80	76	.27	13														

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

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN FATH 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	Per-centage of Aver-age	Most in a day	Precip'n (0.1 in. (0.2 mm.) or more)	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 1st	Grass min. below 0° C	Gale	Daily Mean	Per-centage of Aver-age																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				A Max.	B Min.			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				°C.	°C.			°C.	°C.	°C.	°C.																			°C.	°C.	°C.	°C.	in.	%	in.	%	Amount	Date	°in. (0.2mm.) or more	°in. (0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1st	Grass min. below 0° C	Gale	Daily Mean	Per-centage of Aver-age																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	Amount	Date	°in. (0.2mm.) or more	°in. (0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1st	Grass min. below 0° C	Gale	Daily Mean	Per-centage of Aver-age																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 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				Total Fall			Per-centage of Average	Most in a day		Number of days															
				A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum		Date	1 ft.		4 ft.	Amount	Date	0.1 in. (0.2 mm.) or more	0.01 in. (0.1 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost + or -	Greatest min below 0° C	Gale	Daily Mean	Per-centage of Average		
				ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%		
7a ENGLAND, N.W.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																
Lancashire	Squires Gate ...	21-9	33	5.9	1.3	3.6	-0.1	10.0	10	-7.1	4	-	-	3.75	118	.98	9	19	16	5	1	4	1	1	1	14	15	5	2.09	134		
	Urswick ...	9 9	130	6.1	0.1	3.1	-	10.2	24	-6.7	4	-	-	3.80	79	.84	9	19	14	3	2	2	0	2	2	16	-	4	-	-		
	Southport ...	9 9	16	5.8	0.1	2.9	-	11.7	10	-6.7	30	3.4	7.7	3.83	123	.87	9	20	17	-	1	-	-	-	2	16	-	4	-	-		
	Poulton-le-Fylde ...	9 9	38	5.9	0.7	3.3	-	10.6	10	-7.2	4	-	-	3.85	109	.95	9	21	14	2	3	0	0	0	1	14	-	0	-	-		
	Grizedale ...	9 9	300	6.0	-1.6	3.8	-	10.0	7	-8.3	4	2.6	-	9.91	-	1.83	9	19	16	5	7	3	1	0	0	17	20	1	-	-		
	Speke ...	21-9	80	6.2	2.1	4.1	-	11.5	16	-3.2	4	-	-	2.83	100	.76	9	17	16	10	1	1	2	0	1	9	16	6	1.82	-		
	Kirkham ...	9 9	78	5.9	-0.1	2.9	-	11.7	10	-7.2	4	-	-	4.43	122	1.10	9	18	15	5	2	1	3	2	2	17	20	0	1.98	-		
	Garstang ...	9 9	68	5.8	0.0	2.9	-	11.1	10,11	-6.7	4	-	-	4.50	123	1.05	9	19	15	-	2	-	-	-	1	15	17	-	1.82	-		
	Morecambe ...	9 9	24	5.7	1.3	3.5	-0.2	10.0	10	-3.9	30	-	-	4.83	126	1.04	9	18	14	1	-	0	0	0	1	13	-	0	2.50	167		
	Penketh ...	9 9	50	6.1	0.6	3.3	-	11.7	16	-5.6	4	3.7	5.8	3.20	-	.71	9	18	16	4	1	2	1	0	12	15	16	3	1.37	-		
	Preston ...	9 9	108	6.0	0.3	3.1	-	11.1	16	-7.2	4	-	-	4.38	115	1.01	9	15	14	7	2	0	6	2	6	16	1	-	-	-		
	Stonyhurst ...	9 9	377	5.4	-0.1	2.7	-0.3	10.6	16	-6.1	4	-	-	6.34	128	1.14	7	14	13	-	4	-	-	-	2	16	18	-	1.61	118		
	Manchester W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.13	-		
	Helmshore ...	9 9	854	4.1	-0.3	1.9	-	8.9	7,10,16	-4.4	20	3.0	-	7.79	117	1.29	9	19	14	-	6	-	-	-	2	19	23	-	1.58	-		
	Burnley ...	9 9	655	4.8	-0.7	2.1	-	10.0	7,16	-7.2	4	3.1	5.4	5.10	-	.81	9	23	13	9	2	3	0	2	1	16	24	2	1.32	-		
	Nelson ...	9 9	540	4.6	-0.3	2.1	-	10.0	7	-6.8	4	2.5	5.3	6.00	128	.92	9	20	14	-	8	-	-	-	5	16	18	-	1.02	-		
	Rochdale ...	9 9	362	5.4	-0.2	2.6	-	10.0	10,11,16	-8.9	4	-	-	5.44	116	.82	9	18	16	6	5	1	0	1	5	16	20	0	-	-	-	
Cheshire	Bidston Obs'y. ...	9 9	198	6.0	2.1	4.1	+0.1	11.7	10	-1.7	28	-	-	2.76	108	.73	9	18	15	-	-	-	-	-	1	8	-	-	1.90	121		
	Winnington ...	9 9	65	6.3	1.3	3.8	-	12.2	11,16	-5.6	4	-	-	2.98	102	.83	9	18	14	4	2	0	1	0	4	10	21	4	-	-	-	
	Knutsford ...	9 9	212	5.6	0.1	2.9	-	11.3	16	-6.8	5	2.6	4.9	3.27	104	.74	9	19	17	-	7	-	-	-	4	16	23	-	-	-	-	
	Ringway ...	21-9	248	5.5	1.2	3.3	-0.1	11.3	16	-7.1	3	-	-	3.04	101	.81	9	19	15	9	1	0	3	0	5	10	13	1	1.62	149		
	Macclesfield ...	9 9	500	4.9	0.1	2.5	-0.3	10.0	16	-5.6	3,4	-	-	3.38	100	.91	9	20	15	11	8	0	0	0	6	15	-	1	-	-	-	
7b NORTH WALES																																
Flint	Rhyl ...	9 9	31	6.8	2.1	4.5	-0.3	12.2	16	-3.9	4	-	-	2.98	118	.81	9	21	14	7	1	1	0	0	0	9	11	6	1.72	106		
	Prestatyn ...	9 9	12	6.9	2.2	4.5	-	12.2	10	-2.2	4,21,22	-	-	3.14	115	.80	9	20	16	3	2	0	0	0	1	8	-	0	1.27	84		
	Hawarden Bridge ...	9 9	17	6.7	1.6	4.1	0.0	12.2	7,16	-3.9	4	-	-	3.31	131	.68	9	18	15	5	1	0	2	0	1	10	-	3	-	-	-	
Anglesey	Valley ...	21-9	33	7.0	2.8	4.9	-0.7	10.5	16	-2.6	21	-	-	4.69	130	.89	9	18	15	7	0	5	0	0	1	7	14	9	2.50	134		
Denbigh	Colwyn Bay ...	9 9	118	7.2	2.6	4.9	-0.3	12.2	7	-1.1	3,4,21	4.7	-	3.63	122	.90	9	19	14	5	1	2	1	0	0	9	-	-	1.42	88 S		
	Alwen ...	9 9	100	4.2	-1.8	1.2	-	9.4	10,13	-10.6	21	-	-	7.70	136	1.44	9	24	21	-	-	-	-	-	22	24	-	-	-	-	-	
	Ruthin ...	9 9	243	6.2	0.6	3.4	-	11.7	10	-6.1	4	-	-	3.74	-	.84	9	21	17	-	4	-	-	-	3	14	-	-	1.88	-		
	Loggerheads ...	9 9	630	4.9	-0.7	2.1	-	10.6	10	-10.0	21	2.9	4.9	4.91	-	1.23	9	22	18	13	0	3	0	0	2	15	20	2	-	-	-	
	Bwlchwyn ...	9 9	267	3.3	-0.9	1.2	-	8.9	7,10	-5.0	3,4,21	2.9	-	5.61	142	1.37	9	24	20	-	13	-	-	-	3	20	25	-	-	-	-	
	Wrexham ...	9 9	275	6.3	0.9	3.6	-	12.8	16	-3.9	4	3.2	5.3	3.03	102	.86	9	20	16	4	2	0	1	0	0	13	24	-	-	-	-	
Caernarvon	Bardsey Island ...	21-9	61	7.3	4.2	5.7	-	11.5	7	0.2	28	-	-	3.24	-	.52	13	16	13	-	0	-	-	-	0	0	11	-	-	-	-	
	Botwnnog ...	9 9	112	7.2	1.9	4.5	-	11.1	16	-2.8	21,28	4.7	6.8	4.53	-	.58	13	20	14	4	0	4	0	0	0	9	17	5	2.91	-		
	Bryn Adda ...	9 9	275	6.4	2.1	4.3	-	10.0	7,11,13	-1.7	4,21	-	-	5.74	116	1.33	9	22	17	5	0	1	4	0	0	6	18	5	1.91	-	-	
	Cwm Dyli ...	9 9	324	6.4	0.6	2.9	-	11.1	7,16	-3.9	21,22	4.4	-	19.85	125	4.42	9	20	18	-	-	-	-	-	1	16	17	-	-	-	-	
	Aber ...	9 9	60	7.3	2.4	4.9	-0.8	12.8	7	-2.2	3	-	-	5.08	116	1.22	9	18	16	6	0	2	0	0	0	8	15	4	.92	91 S		
Merioneth	Llandudno ...	9 9	13	7.2	3.1	5.1	+0.4	13.3	10,13	-2.8	4	-	-	3.31	113	.86	9	19	13	5	0	3	0	0	0	2	-	3	1.90	112		
	Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	10.31	-	2.10	9	18	17	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog ...	9 9	750	6.4	0.4	3.4	-	10.0	7,16	-7.2	4	-	-	12.61	113	2.85	9	22	19	3	2	0	0	0	4	14	-	-	1.52	-	-	
	Corwen ...	9 9	473	5.7	-0.3	2.7	-	11.1	10	-7.2	3,4	-	-	7.16	154	1.19	9	22	20	11	11	0	4	0	0	16	24	-	-	-	-	-
Montgomery	Ceinws ...	9 9	200	6.6	1.1	3.9	-	11.1	13	-7.2	4	-	-	10.86	-	1.37	9	17	17	-	-	-	-	-	1	11	17	-	-	-	-	
	Lake Vyrnwy ...	9 9	995	4.4	0.0	2.2	-	9.4	10,13	-5.0	4,5,21	2.8	-	1																		

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JANUARY, 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						Total Fall	Per-centage of Average	Most in a day		Precip'n (0.2mm or more)	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost below 0° C	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average			
				A	B			Maximum	Date	Minimum	Date	Amount	Date																		
				Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.			1 ft.	4 ft.												in.	%	in.
8b ENGLAND, S.W.—cont.																															
Devon																															
Clawton	9 9	412	7.7	-1.1	3.3	-	11.1	13,16	-8.9	5	-	-	6.53	-	.82	13,15	21	19	2	1	2	0	3	1	15	-	3	-	-		
Hartland Point	21-9	298	6.8	4.3	5.5	-	10.6	10	0.2	29	-	-	3.91	97	.63	15	21	15	6	0	5	1	0	1	0	3	13	1.99	112		
Mount Batten	21-9	87	7.5	3.3	5.4	-0.8	11.5	13	-4.3	5	-	-	6.63	153	1.58	24	22	17	6	0	2	2	2	0	5	12	6	2.07	107		
Plymouth, The Hoe	9 9	119	7.7	2.4	5.1	-0.9	11.1	13,16	-3.9	5	5.4	7.6	6.05	141	1.68	24	21	16	3	0	2	0	1	2	7	13	4	2.12	107		
Tavistock	9 9	457	7.2	1.2	4.2	-0.8	12.2	11	-5.0	5	-	-	7.24	-	1.42	13	22	20	9	4	5	0	2	1	11	23	2	-	-		
Chivenor	21-9	20	7.5	3.3	5.4	-	11.6	13	-3.5	4	-	-	4.21	104	.66	15	19	16	4	0	4	7	2	1	6	9	5	1.90	-		
Ilfracombe	9 9	25	7.8	4.3	6.1	-0.3	11.7	13	0.0	5	5.6	8.1	5.49	133	.75	15	20	18	4	0	3	0	2	0	0	6	5	1.48	112		
Princetown	9 9	1359	4.6	0.2	2.4	-	8.9	16	-4.4	28	-	-	11.08	-	1.92	13	19	19	-	-	-	-	-	15	12	22	-	-	-		
Totnes	9 9	120	7.7	1.5	4.6	-	11.7	16	-7.2	5	5.3	7.8	8.49	152	1.46	13	23	18	5	4	2	3	1	0	12	21	5	2.10	-		
Slapton	9 9	104	7.8	2.3	5.1	-	11.1	8,11,16	-1.1	4,5	-	-	7.44	-	1.31	24	20	18	3	0	0	2	0	1	3	16	1	-	-		
Newton Abbot	9 9	272	7.3	1.4	4.3	-0.8	11.7	16,17	-4.4	5	-	-	6.49	138	1.38	13	22	17	3	3	1	1	1	1	14	25	1	2.45	124		
Paignton	9 9	8	8.1	2.6	5.3	-	12.2	16	-3.3	5	-	-	6.93	153	1.20	24	23	20	4	0	5	1	0	0	8	21	4	2.17	115		
Torquay	9 9	26	8.3	2.8	5.5	-0.4	12.8	11	-2.8	5	-	7.1	6.48	158	1.06	24	21	18	5	2	3	0	1	0	9	13	7	2.25	109		
Teignmouth	9 9	20	8.0	2.9	5.5	-0.6	12.2	13,16	-2.8	5	-	-	4.71	125	.81	24	22	15	2	1	1	0	0	0	5	10	0	2.31	113		
Starcross	9 9	29	7.8	2.3	5.1	-	12.8	16	-4.4	5	4.6	-	4.27	114	.80	13	20	16	-	1	-	-	-	-	0	11	14	-	2.59	-	
Exeter, Southam	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Exmouth	9 9	195	7.4	1.9	4.7	-0.4	12.8	16	-3.3	4,5	-	-	3.64	102	.70	19	19	13	5	1	0	0	0	0	11	-	2	2.74	135		
Exeter	21-9	106	7.2	2.4	4.8	-	12.9	16	-6.1	5	-	-	3.60	95	.93	19	22	11	6	1	3	2	1	0	9	17	5	2.29	-		
Sidmouth	9 9	25	7.9	1.6	4.7	-0.7	11.7	7,16	-3.9	5	-	-	4.38	127	.90	19	18	14	-	0	-	-	-	-	0	12	15	-	-		
St. Mary's, Scilly	21-9	158	8.4	5.4	6.9	-0.8	11.1	10,13,16	0.3	27	-	-	4.57	129	.70	13	25	19	1	0	6	0	0	1	0	-	8	2.29	115		
Penzance	9 9	62	8.7	3.7	6.2	-1.0	11.7	10,16,24	-3.3	5	-	-	6.39	127	.77	19	23	22	1	0	7	0	1	0	5	11	7	2.53	130		
Gulval	9 9	50	8.6	3.6	6.1	-0.8	11.7	10,13,16	-1.7	5	-	-	6.44	134	.77	13	26	23	-	0	-	-	-	-	0	5	10	-	2.32	123	
Culdrose	9 9	268	7.9	2.4	5.1	-	11.1	13	-2.8	5	-	-	6.13	147	.99	19	25	22	2	0	0	8	2	3	8	9	3	2.60	-		
Rosewarne	9 9	250	7.6	3.2	5.4	-	11.1	13,16	-2.8	5	5.4	7.3	6.47	146	1.26	13	26	22	4	1	9	0	2	1	7	13	6	2.40	-		
Lizard	9 9	240	8.1	4.0	6.1	-1.0	10.9	13	-0.8	4	-	-	5.51	139	.95	2	26	21	4	-	6	0	1	1	1	-	12	2.65	-		
Falmouth	9 9	167	8.1	1.9	5.0	-1.7	11.7	10,24	-6.1	5	-	-	6.36	122	.91	19	24	23	0	0	2	0	0	0	8	16	1	2.42	123		
Newquay	9 9	176	8.0	3.4	5.7	-0.6	11.7	13	-3.3	5	-	-	5.13	135	.81	13	24	18	1	-	6	1	0	-	7	-	4	2.43	128		
St. Mawgan	21-9	337	7.4	3.2	5.3	-	11.1	13	-2.9	5	-	-	5.50	130	.81	19	23	18	4	0	5	4	0	1	7	8	5	2.58	-		
St. Austell	9 9	310	7.7	2.7	5.2	-	12.2	15	-2.8	5	-	-	6.66	118	1.03	19	22	21	2	1	3	0	0	2	5	-	1	-	-		
Fowey	9 9	51	8.6	2.8	5.7	-0.8	12.2	16	-3.1	5	-	-	5.99	-	.95	13	23	21	3	2	3	0	1	0	7	-	0	-	-		
Bude	9 9	50	8.0	2.8	5.4	-0.5	11.7	10,13	-4.4	5	3.7	-	4.47	121	.55	19	20	19	2	0	4	0	1	-	11	-	7	2.14	111		
Ellbridge	9 9	190	7.7	1.6	4.7	-0.6	12.2	16	-4.4	5,6	-	-	7.34	158	1.57	24	23	16	1	0	6	0	3	0	9	21	2	2.37	117		
9 NORTHERN IRELAND																															
Londonderry																															
Loughmore Forest	9 9	570	4.8	-1.0	1.9	-	10.6	7	-7.2	21,30	-	-	4.94	-	.60	16	23	19	6	6	0	0	0	2	18	23	0	-	-		
Ballykelly	21-9	6	6.2	1.1	3.7	-0.7	12.3	7	-5.6	30	-	-	3.43	93	.54	16	22	20	13	0	6	0	1	1	14	20	2	1.71	108		
Derrinoyd Forest	9 9	290	5.5	-0.2	2.7	-	11.1	7	-5.6	30,31	-	-	6.63	-	1.07	13	23	19	13	8	1	0	1	1	13	22	1	-	-		
Somerset Forest	9 9	140	6.0	0.1	3.1	-	11.7	7,10	-4.4	21,30	-	-	4.10	-	.64	13,16	21	19	7	0	3	0	0	1	1	12	23	0	-	-	
Garvagh Forest	9 9	290	5.6	-0.1	2.7	-	11.7	7	-5.6	31	-	-	5.51	-	1.15	13	21	17	8	2	1	0	0	1	13	27	2	-	-		
Moneydig	21-9	112	5.5	0.2	2.9	-0.8	11.7	7	-6.4	30	3.6	-	4.32	104	.94	13	21	19	12	1	3	3	2	2	18	22	2	-	-		
Portrush	-	17	-	-	-	-	-	-	-	-	-	-	4.61	-	.65	13	21	19	-	-	-	-	-	-	-	-	-	1.81	-		
Lisnafillan	9 9	124	5.7	-0.8	2.5	-	11.1	7	-5.0	3,21,30	-	-	4.15	-	.69	13	20	17	8	3	1	2	0	5	17	20	1	1.85	-		
Aldergrove	21-9	225	5.1	-0.1	2.5	-1.2	10.9	10	-5.4	30	3.3	6.7	4.00	-	.57	13	21	15	7	3	4	0	0	2	20	19	2	1.99	136		
Greenmount	9 9	105	5.6	-0.4	2.6	-	11.1	10	-5.6	30,31	3.3	-	3.22	-	.48	13	19	15	3	0	0	0	0	-	14	23	-	-	-		
Parkmore Forest	9 9	770	3.9	-0.4	1.7	-	9.4	7,10	-3.9	5	2.7	-	6.15	-	1.29	13	20	20	6	16	0	0	0	0	20	27	2	-	-		
Black Mountain	21-9	969	3.5	-0.3	1.6	-	9.8	7	-4.4	5	-	-	3.97	-	.66	23	21	18	11	8	2	0	1	9	21	-	2	-	-		
Ballypatrick Forest	9 9	500	5.1	0.3	2.7	-	10.6	7	-3.3	30	-	-	5.04	-	1.06	13	20	18	10	7	7	0	1	0	13	22	2	-	-		
Newtownabbey	9 9	105	6.5	1.6	4.1	-	12.2	6,7	-1.7	21	3.6	-	4.96	-	.73	23	21	17	2	3	0	0	1	10	20	4	2.04	-			
Ballymoney	9 9	180	5.5	0.4	2.9	-	11.1	7	-5.6	29	-	-	3.42	-	.47	13	21	18	5	0	2	1	2	1	11	17	1	-	-		
Larne	9 9	140	6.4	1.2	3.8	-	11.7	9,10	-2.2	5,20	-	-	5.60	-	1.37	13	20	16	4	3	1	0	1	0	6	-	2	-	-		
Kilroot	9 9	71	6.4	0.6	3.5	-	11.7	7	-3.3	21	-	-	3.51	-	.73	13	16	14	8	0	2	0	0	1	9	22	2	-	-		
Newry Abbey</																															

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY.

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
												=	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	210-430 yd.	430-1,000 yd.	1,000-2,100 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Zetland	Lerwick Observatory	H	3	273	1000.7	-	2.7	0.5	6.8	90	5.1	2	8	3	7	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY, 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.	2,200-4,900 yd.	3-8 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.
																															8 or more	22 to 33	6, 7	4, 5	1 to 3	Calm								
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																			
4 MIDLAND COUNTIES -cont.		3	219	1008.8	-	2.4	0.6	6.6	89	4.0	9	6	3	6	6	1	0	0	0	1	0	6	12	6	4	2	0	2	15	14	0	3	3	0	3	4	7	6	5					
Northampton	Wittering	9	219	1009.5	-	2.3	0.7	6.4	87	4.6	3	6	8	8	5	1	0	0	0	1	0	5	9	11	5	0	0	2	20	9	0	3	4	0	0	4	7	10	3					
		15	219	1009.0	-	4.5	1.1	7.0	82	5.4	2	3	8	11	7	0	0	0	0	0	0	1	4	9	10	7	0	0	2	17	12	0	3	3	2	0	2	7	8	6				
Warwick	Edgbaston	21	219	1009.8	-	2.9	0.8	6.7	87	5.4	4	2	6	8	11	0	0	0	0	0	0	1	9	11	6	4	0	0	2	13	16	0	3	4	0	1	4	6	9	4				
		9	542	1009.8	-	2.6	0.7	6.6	88	6.0	1	5	2	12	9	2	0	1	0	2	4	9	7	6	2	0	0	0	9	22	0	3	4	2	0	4	6	7	5					
		15	542	1009.2	-	4.6	1.3	6.8	78	5.4	1	5	7	12	6	0	0	0	0	0	4	8	11	6	2	0	0	2	12	17	0	3	3	3	0	3	6	11	2					
		21	542	1010.1	-	3.3	0.7	6.9	87	5.2	5	4	2	9	11	0	0	0	0	0	7	5	10	6	2	1	0	0	12	19	0	5	4	1	1	2	5	9	4					
		3	362	1008.9	-	2.5	0.6	6.7	90	4.8	6	5	3	5	11	1	0	1	0	0	2	10	8	7	2	1	0	3	9	18	1	2	4	1	1	4	9	6	3					
		9	362	1009.6	-	2.4	0.7	6.4	86	5.5	1	5	4	15	5	1	1	0	0	1	2	14	5	8	0	0	0	2	9	17	3	0	5	2	0	4	5	7	5					
	Elmdon	15	362	1009.0	-	5.0	1.4	6.9	77	5.0	1	7	5	14	4	0	0	0	0	1	2	9	11	8	0	0	0	3	14	14	0	3	4	3	0	3	6	9	3					
		21	362	1010.0	-	2.9	0.8	6.6	87	5.0	4	6	2	9	10	0	0	1	0	1	9	9	7	4	0	0	2	7	20	2	3	4	1	3	2	5	10	1						
Shropshire	Shawbury	3	249	1008.6	-	2.9	0.7	6.7	87	5.5	2	5	3	12	9	0	0	0	0	1	1	5	5	4	14	1	0	3	10	18	0	5	3	0	1	4	6	9	3					
		9	249	1009.3	-	2.3	0.7	6.5	88	5.5	1	4	6	14	6	0	0	0	0	1	0	2	6	14	8	0	0	2	8	18	3	5	1	2	0	7	7	5	1					
		15	249	1008.7	-	5.0	1.3	7.0	79	5.5	1	4	9	10	7	0	0	0	0	1	0	3	7	9	11	0	0	3	15	12	1	3	6	0	1	3	8	8	1					
		21	249	1009.7	-	3.0	0.7	6.8	88	5.0	4	6	3	6	11	1	0	1	0	0	3	6	5	8	8	0	0	4	8	18	1	6	1	0	2	3	8	8	2					
Worcester	Persnore	3	117	1009.5	-	2.8	0.7	6.8	88	5.2	4	5	3	7	11	1	0	0	0	1	1	6	8	4	11	0	0	5	11	13	2	4	6	0	1	5	7	6	0					
		9	117	1010.1	-	2.6	0.8	6.6	86	5.8	0	5	3	14	8	1	0	1	0	1	2	2	7	12	5	1	0	4	12	9	6	2	5	2	0	4	8	3	1					
		15	117	1009.6	-	5.4	1.3	7.2	79	5.6	4	0	6	14	7	0	0	0	0	1	2	1	7	9	7	4	1	5	13	12	0	2	4	4	0	3	7	9	2					
		21	117	1010.5	-	3.4	0.8	6.9	87	5.0	5	5	2	10	8	1	0	1	0	1	3	11	9	5	0	0	5	12	11	3	5	3	1	2	4	5	8	0						
Hereford	Ross-on-Wye	3	226	1009.8	-4.7	3.3	0.9	6.8	86	5.5	1	7	2	10	11	0	0	0	0	1	1	8	5	14	1	0	0	12	17	2	2	6	1	0	2	12	5	1						
		15	226	1009.3	-	5.6	1.4	7.3	79	5.7	1	4	7	7	12	0	0	0	0	0	2	8	9	11	1	0	0	12	19	0	2	8	0	1	4	6	9	1						
		21	226	1010.7	-	3.8	0.9	7.0	86	5.1	6	2	4	8	11	0	0	0	0	1	1	0	8	6	15	0	0	8	23	0	3	7	0	2	2	12	5	0						
		3	197	1009.7	-	3.7	0.7	7.2	87	4.9	5	4	5	6	10	1	0	0	0	1	0	2	16	11	1	0	0	3	15	12	1	2	7	0	1	2	12	5	1					
Gloucester	Filton	9	197	1010.4	-	3.4	0.6	7.2	89	5.6	0	7	3	10	10	1	0	1	0	1	4	3	11	10	1	0	0	2	12	14	3	2	7	0	1	2	11	4	1					
		15	197	1010.0	-	5.6	1.3	7.4	79	5.6	2	3	6	9	11	0	0	0	0	0	2	1	12	15	1	0	0	4	11	16	0	2	9	0	1	3	8	7	1					
		21	197	1011.1	-	4.0	0.8	7.3	87	5.1	4	5	3	9	10	0	0	0	0	0	3	2	18	8	0	0	0	4	10	14	3	4	4	1	1	3	7	8	0					
		3	79	1010.0	-	3.6	0.7	7.1	87	5.5	4	2	5	8	11	1	0	1	0	0	1	4	10	9	6	0	0	1	9	19	2	4	4	0	1	5	12	3	0					
	Gloucester	9	79	1010.4	-	3.4	0.7	7.1	88	5.9	0	5	4	13	8	1	0	1	0	0	4	8	7	6	5	0	0	0	12	15	4	1	6	1	0	4	13	1	1					
		15	79	1010.4	-	6.0	1.5	7.3	76	6.1	1	3	3	15	9	0	0	0	0	0	1	4	7	9	6	4	0	1	13	17	0	1	8	1	1	4	8	6	2					
		21	79	1011.0	-	4.2	0.9	7.2	85	5.3	6	1	5	9	10	0	0	0	0	0	4	7	9	10	1	0	0	10	16	5	7	1	0	1	5	9	3	0						
		3	751	1009.8	-	2.2	0.5	6.7	91	5.2	6	5	0	5	13	2	0	0	0	3	0	1	4	7	13	3	0	2	15	14	0	5	5	0	1	5	9	8	1					
	Little Rissington	9	751	1010.3	-	1.8	0.4	6.5	91	6.2	0	5	2	12	8	4	0	3	0	2	0	1	8	8	1	0	2	11	18	0	4	7	1	0	2	8	8	1						
		15	751	1009.7	-	3.9	0.9	6.7	82	5.6	2	2	8	13	6	0	0	0	0	0	2	2	8	8	7	6	0	5	14	12	0	2	6	1	1	2	4	12	3					
		21	751	1010.7	-	2.5	0.6	6.7	90	4.9	4	5	4	9	9	0	0	0	0	0	2	4	8	12	4	1	0	4	14	13	0	3	7	0	1	2	7	9	2					
5 ENGLAND, S.E.																																												
Middlesex	London (Heathrow) Airport	3	86	1009.9	-	3.2	0.7	6.9	88	5.9	4	2	3	5	16	1	0	1	0	0	1	3	11	10	5	0	0	3	14	13	1	5	3	1	1	6	7	5	2					
		9	86	1010.4	-	3.0	0.6	6.9	88	6.1	1	4	4	9	12	1	0	1	0	0	0	7	12	6	3	2	0	4	12	13	2	4	4	1	0	7	7	4	2					
		15	86	1009.9	-	5.6	1.5	7.1	77	5.6	1	4	6	12	8	0	0	0	0	1	1	12	11	5	0	0	4	16	10	1	4	5	1	0	5	5	9	1						
		21	86	1010.7	-	3.6	0.9	6.9	86	5.2	5	3	2	16	0	0	0	0	2	1	6	14	6	2	0	0	3	11	17	0	4	4	0	2	4	10	6	1						
Surrey	Kew Observatory	3	34	1010.6	-5.0	3.8	0.9	6.8	83	6.2	0	4	5	9	12	1	0	1	0	0	1	6	12	6	2	3	0	3	11	17	1	3	5	1	1	3	11	4	2					
		15	34	1010.1	-	5.9	1.9	6.7	71	6.1	2	1	5	14	9	0	0	0	0	0	2	1	14	7	6	1	0	0	17	14	0	4	6	1	0	4	11	1						
		21	34	1010.9	-	4.3	1.2	6.8	80	5																																		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION,

JANUARY,

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 ...	59	19, 25	3	5	29.2	31	46	30	3	5, 10	23.4	31	63	25	3	10	30.3	31
Eskdalemuir Observatory ...	157	31	8	10	61.8	31	72	27	8	10	35.9	31	149	31	8	10	56.6	31
Cambridge ...	176	31	23	20	85.0	31	82	30	23	20	51.3	31	-	-	-	-	-	-
London (High Holborn) ...	127	14	8	20	64.8	31	86	31	8	20	45.7	30	129	14	9	20	68.5	31
Kew Observatory ...	131	22	10	20	65.8	31	73	22	10	20	44.4	30	142	22	12	20	72.8	31
Aberporth ...	172	31	16	10	88.2	31	94	31	16	10	55.1	31	-	-	-	-	-	-
Bracknell (Easthampstead) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE VIII—NUMBER OF DAYS IN JANUARY, 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° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -10°	-9° to -5°	-4° to 0°	0° to 5°	5° to 10°	Above 15°	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°		20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -10°	-9° to -5°	-4° to 0°	0° to 5°	5° to 10°	Above 15°										
Lerwick Observatory	0	19	12	0	0	0	0	0	0	9	19	3	0	0	0	Edghaston	0	17	12	2	0	0	0	0	0	0	0	0	0	0	0	0									
Stornoway	0	13	16	2	0	0	0	0	0	1	10	17	3	0	0	Kew Observatory	0	12	14	5	0	0	0	0	0	0	0	0	0	0	0	0									
Craibstone	1	20	10	0	0	0	0	0	0	4	13	14	0	0	0	Hastings	0	12	19	0	0	0	0	0	0	0	0	0	0	0	0	0									
Rothsay	0	16	13	2	0	0	0	0	0	0	11	16	4	0	0	Southampton	0	10	12	9	0	0	0	0	0	0	0	0	0	0	0	0									
Renfrew	0	15	14	2	0	0	0	0	0	4	10	13	4	0	0	Stonyhurst	0	16	14	1	0	0	0	0	0	0	0	0	0	0	0	0									
Eskdalemuir Observatory	0	22	9	0	0	0	0	0	2	4	13	10	2	0	0	Bidston	0	15	13	3	0	0	0	0	0	0	0	0	0	0	0	0									
Douglas	0	11	19	1	0	0	0	0	0	0	10	18	3	0	0	Valley	0	8	19	4	0	0	0	0	0	0	0	0	6	17	5	0									
Cockle Park	0	17	12	2	0	0	0	0	0	0	14	17	0	0	0	Falmouth	0	7	14	10	0	0	0	0	0	0	0	1	7	18	5	0									
Gorleston	0	13	16	2	0	0	0	0	0	0	5	22	4	0	0	Aldergrove	0	19	10	2	0	0	0	0	0	0	1	14	14	2	0	0									
Cambridge	0	13	14	4	0	0	0	0	0	0	17	11	3	0	0	Armagh	0	15	12	4	0	0	0	0	0	0	1	14	15	1	0	0									

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		Difference from Average	Highest Maximum and Lowest Minimum			Total Fall	Per-centage of Average			Most in a day	Precip'n	Number of days										Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Max.	Min.		Max.	Date	Minimum			Date	1 ft.			4 ft.	in.	%	in.	0.01 in (0.2mm) or more	0.01 in (0.2mm) 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
1964		G.M.T.	ft.	°C.	°C.	°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.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in

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Printed in England for H.M. Stationery Office by Keyswift Ltd, Edware. Wt. 15 PS407645 K.12. 6 65. Grp S.T. 72-7-65-1.

Monthly Weather Report

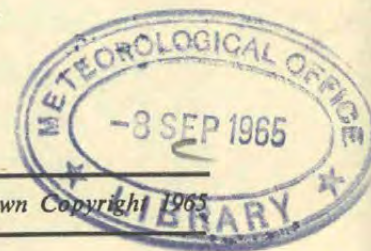
OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 2

Published by HER MAJESTY'S STATIONERY OFFICE

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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 duller 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

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									
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.

(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									
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)

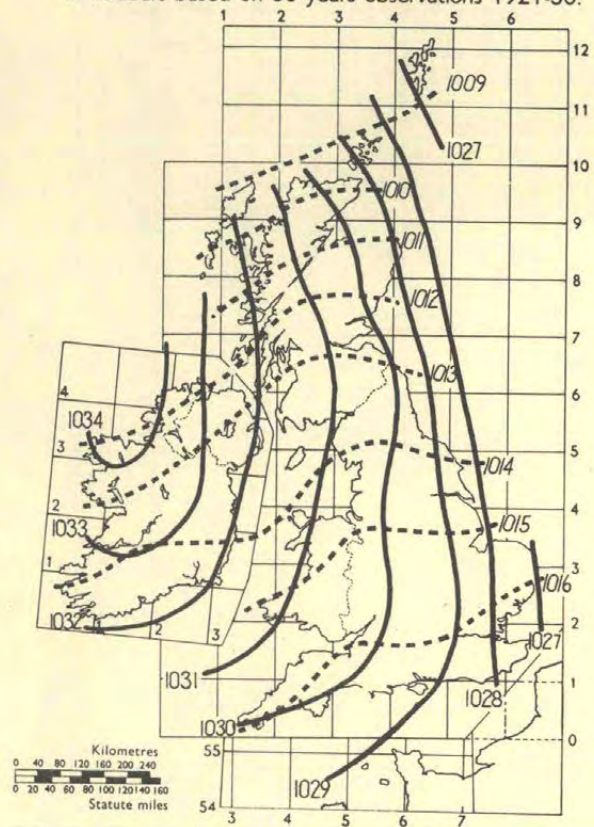
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest 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	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
	Caithness	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
	Inverness	Duirinish	125	65	55	12, 13	10	3	36	118	241	259	8	7.3	290	36	13	04	62	13	0325
		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	128	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	x															
		Tunnel Bridge	528	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	d	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
		Fiskdalemuir 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	

MONTHLY WEATHER CHARTS

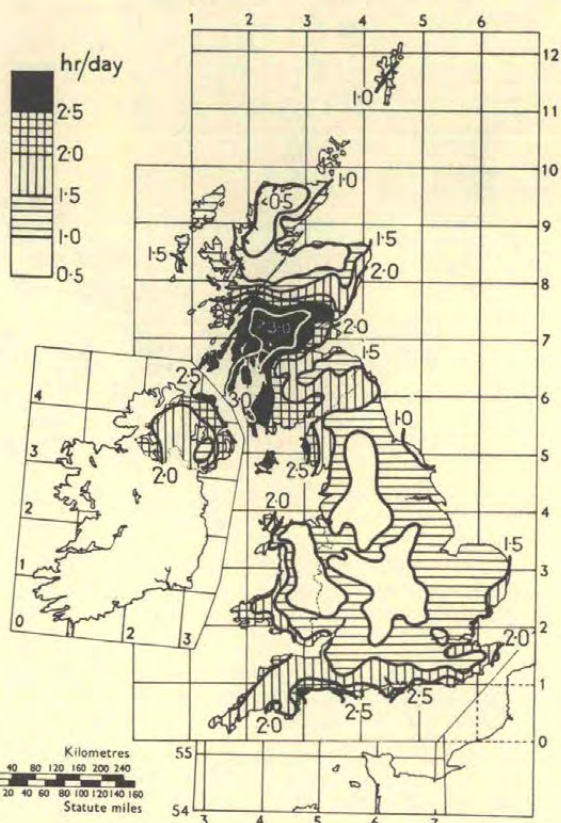
FEBRUARY 1965

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.

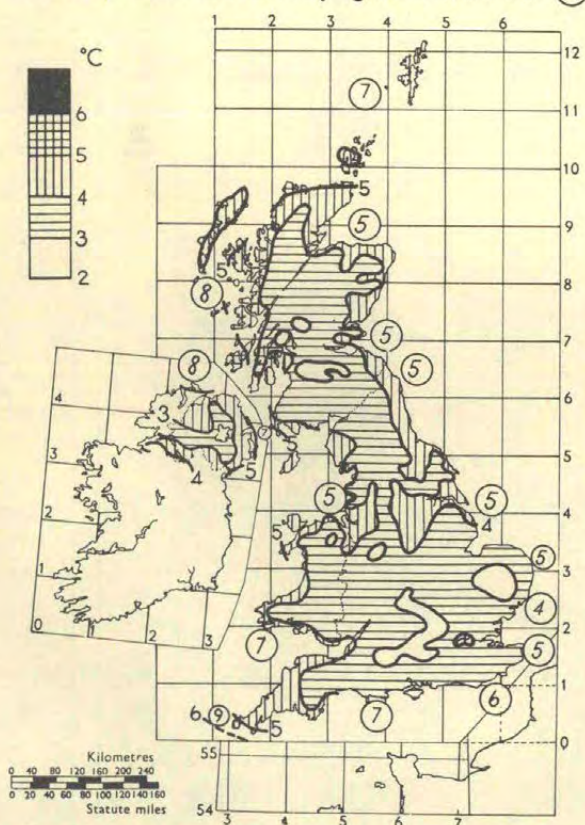


BRIGHT SUNSHINE

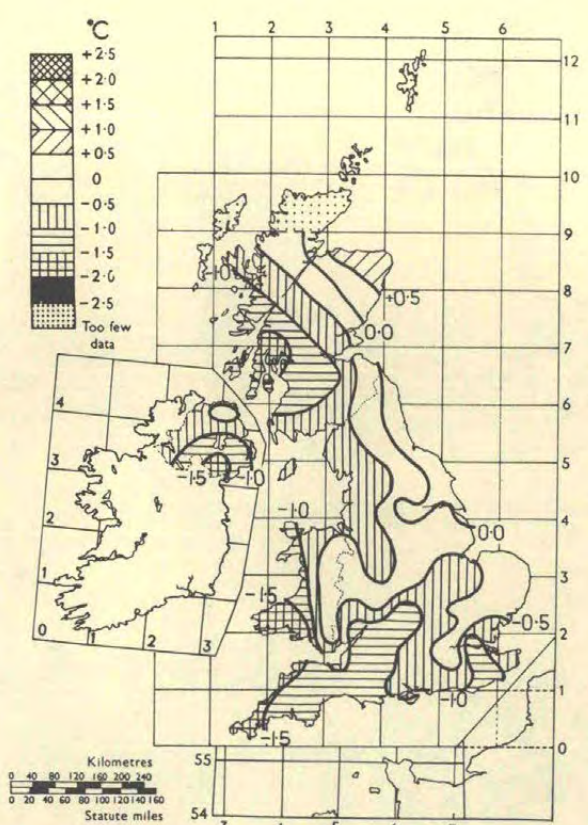


MEAN AIR TEMPERATURE

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.

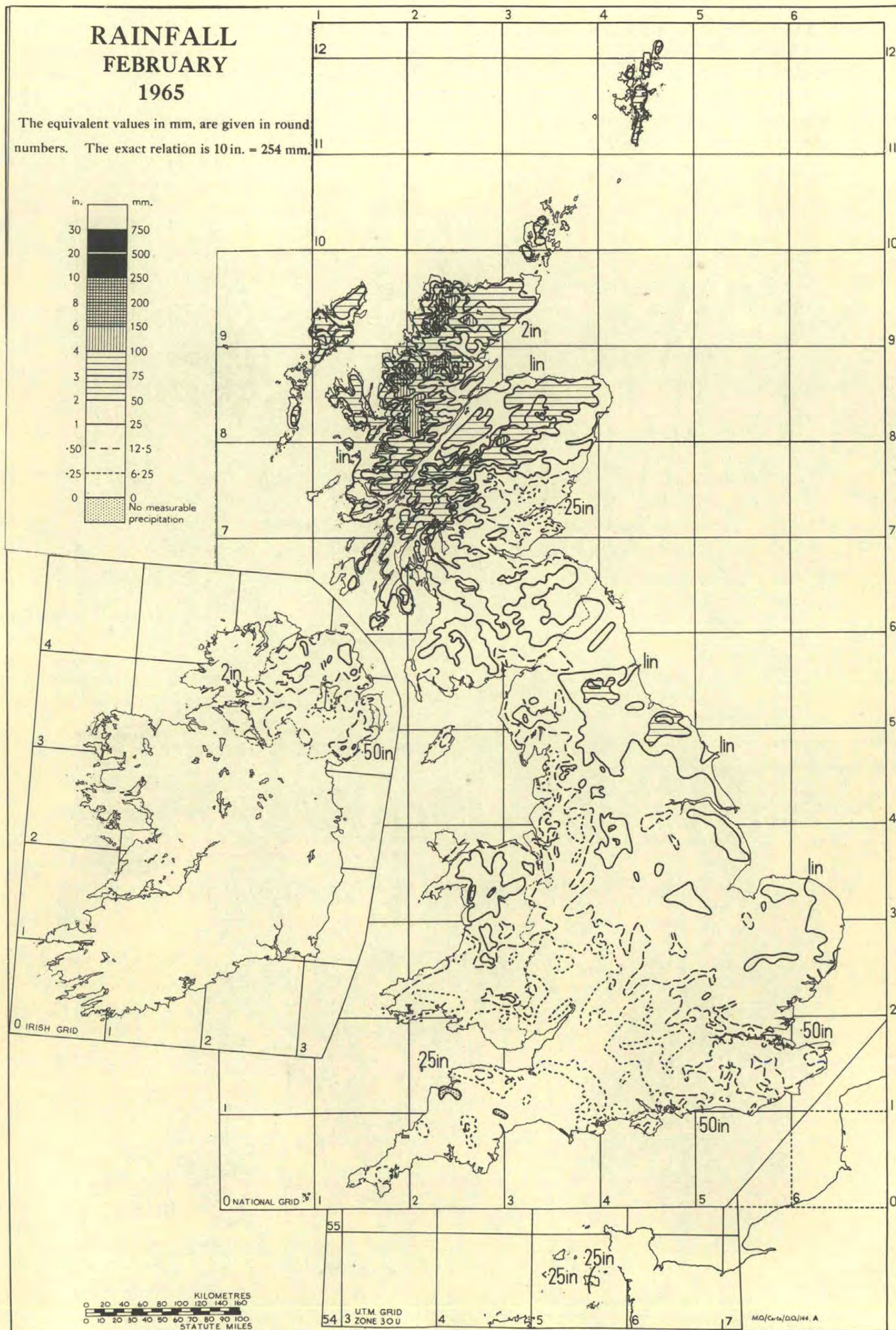
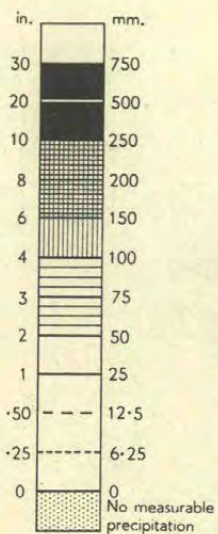


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER FEBRUARY, 1965

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 of Air and Soil	Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		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	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
G.M.T.		ft.	°C.	°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.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in

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										BRIGHT SUNSHINE		
					Means of		Difference from Average	Highest Maximum and Lowest Minimum				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		1 ft.	4 ft.														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.	°C.	in.	%	in.										hr	%
1 SCOTLAND, E.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														
Midlothian	Davidson's Mains	99	200	5.8	0.4	3.1	-0.3	8.9	12	-5.0	1	2.1	-	.34	19	.11	28	11	2	2	5	0	1	0	0	9	20	1	1.93	-S
cont.	Penicuik	99	620	4.9	-0.8	2.1	-	7.8	12	-8.9	1	1.9	-	.96	37	.20	11	11	10	3	6	0	0	0	0	11	22	0	1.32	-
	Bush House	99	605	5.3	-0.5	2.4	-	8.3	18	-8.9	1	1.9	3.0	.86	37	.19	28	14	9	1	5	0	1	0	1	10	23	0	1.93	-
	Edinburgh—																													
	Blackford Hill	99	441	5.6	1.1	3.3	-0.2	8.3	7,11,12	-2.8	2,3	-	-	.33	20	.08	23	11	3	1	4	0	0	0	0	8	17	2	1.75	65
	Royal Bot. Gdns.	99	74	6.2	0.3	3.3	-0.5	8.9	7,10,12	-5.6	1	2.5	-	.27	16	(.08)	28	9	4	1	5	0	1	0	0	9	22	0	1.98	86
E. Lothian	Haddington	99	162	5.9	0.6	3.3	-	9.4	12	-6.7	2	-	-	.48	31	.10	17	11	6	2	6	0	1	0	0	9	14	1	1.27	-S
	Dunbar	99	75	5.9	2.0	3.9	-0.1	10.0	12	-2.2	3	-	-	.35	25	.07	17,18	10	4	1	0	0	0	0	0	4	13	0	1.66	59
Berwick	Merton	99	225	6.1	0.6	3.3	-	9.4	10,12	-8.3	1	-	-	.66	-	.30	28	14	5	2	-	1	0	0	0	9	20	0	1.58	-
	Lauder	99	600	5.2	-0.1	2.5	-	8.3	12	-5.0	3	-	-	.92	-	.29	28	13	7	9	5	0	0	0	1	11	21	0	1.79	-
	Marchmont	99	498	5.6	1.1	3.3	+0.5	9.4	12	-3.3	3	-	-	.57	26	.08	23	13	9	2	1	1	0	0	0	7	-	1	1.37	63 S
	Whitchester	99	838	5.0	0.2	2.6	-	8.3	10,11,12	-3.9	3	-	-	1.43	61	.35	28	19	11	9	5	1	0	0	0	15	-	1	-	-
	St. Abb's Head	99	245	5.6	3.1	4.3	-	10.0	12	-0.2	3	-	-	-	-	-	-	-	3	0	2	0	0	0	1	1	2	4	-	-
Peebles	Stanhope Farm	99	741	4.8	-1.5	1.7	-	8.3	12	-10.0	1	-	-	.89	27	.23	11	10	8	5	5	0	2	0	0	15	24	0	-	-
	Blyth Bridge	99	830	4.4	-1.7	1.3	-	7.2	6,12	-10.0	1,2	-	-	.79	31	.19	11	13	9	4	5	0	4	0	0	17	25	0	1.62	-
	West Linton	99	800	4.8	-2.3	1.3	-	7.2	13	-12.8	1,2	1.0	2.4	.90	33	.21	11	12	8	1	6	0	2	0	1	18	24	0	-	-
	Glenfress	99	580	5.2	-1.8	1.7	-	8.9	12	-10.6	1	-	-	.67	31	.20	28	11	6	2	5	0	1	0	1	14	-	0	-	-
Selkirk	Bowhill	99	600	5.6	0.1	2.9	-	8.9	16	-5.6	3	-	-	.67	27	.31	28	12	5	4	2	0	2	0	0	12	-	1	-	-
Roxburgh	Wauchope	99	560	5.0	-0.4	2.3	-	8.3	16	-8.9	1	-	-	1.01	42	.31	28	14	8	5	6	0	0	0	1	12	-	0	-	-
	Sourhope	99	900	4.4	-0.3	2.1	-	(8.3)	6	-4.4	3	-	-	2.38	-	(.55)	28	19	13	2	7	0	3	0	1	14	20	0	0.89	-
6a SCOTLAND, W.																														
Argyll	Tiree	99	29	7.3	2.8	5.1	-0.1	10.1	19	-2.0	1	-	-	.80	26	.36	11	11	4	3	0	1	3	0	0	2	18	2	2.33	89
	Rhuvaal	21-9	65	7.1	3.5	5.3	-	9.5	8	0.5	21,28	-	-	.87	21	.39	11	8	4	3	0	4	0	0	0	0	9	3	-	-
	Colonsay	99	87	7.7	1.2	4.5	-0.1	10.6	19	-3.9	4	-	-	.90	23	.32	11	14	5	2	-	1	0	0	0	12	-	0	-	-
	Tobermory	99	270	6.7	2.0	4.3	-	9.4	(11),19	-1.7	2	-	-	1.21	-	.60	11	12	6	-	-	-	-	-	-	5	20	-	-	-
	Craighouse	99	10	7.8	2.4	5.1	-	11.7	17	-1.7	21	-	-	1.26	-	.43	11	11	9	-	0	-	-	-	0	4	14	-	-	-
	Macbrhanish	99	33	7.1	1.2	4.1	-	9.3	12,19	-4.4	1	-	-	.50	-	.17	11	9	4	3	0	1	2	0	0	17	16	2	2.93	-
	Campbeltown	99	10	7.5	2.1	4.8	-	10.6	21	-3.3	2,4	-	-	.33	-	.08	28	7	5	0	0	0	0	0	9	4	-	0	3.45	-
	Achaglachgach	99	40	7.3	-1.1	3.1	-	11.7	17	-5.6	1	-	-	1.50	32	.62	11	8	7	3	-	1	0	0	0	18	24	0	-	-
	Lepthimore	99	30	7.2	0.0	3.6	-	10.0	17,19	-6.1	2	-	-	1.13	21	.74	11	9	3	3	0	0	0	0	0	14	25	0	2.84	-S
	Glenbranter	99	120	6.7	-2.3	2.2	-1.1	10.0	17,19	-6.7	1,4	-	-	1.58	20	.96	11	8	5	-	1	-	-	-	0	21	22	-	-	-
	Benmore																													
	Forestry Sch.	99	46	7.3	-1.9	2.7	-1.4	11.1	19	-7.2	2	1.1	2.9	1.68	-	.83	11	12	5	1	0	1	0	0	0	19	24	0	2.44	-S
	Younger B.G.*	99	40	7.1	-0.8	3.1	-	10.0	7,19	-6.7	2	-	-	1.60	21	.84	11	6	5	4	1	0	1	0	0	16	24	1	-	-
Bute	Rothsay	99	150	7.1	1.3	4.2	0.0	10.0	7,17,23	-1.7	2,4,26	2.4	3.3	.73	18	.31	11	9	3	3	0	0	1	0	0	7	20	1	3.57	152
	Millport	99	16	7.4	2.2	4.8	-	11.1	7	-0.6	3,4,26	-	-	.60	19	.25	11	4	4	2	0	0	0	0	0	3	-	0	-	-
Dunbarton	Finnart	99	50	7.3	0.2	3.7	-	10.0	13	-3.3	2	-	-	1.66	-	.78	12	7	4	1	0	0	0	0	0	15	-	1	-	-
	Helensburgh	99	293	6.9	-0.6	3.1	-0.2	11.1	5,7	-4.4	2	-	-	1.01	22	.44	12	8	5	0	0	0	0	0	0	16	-	0	3.03	139
	Cumbarnauld	99	310	5.9	-1.4	2.3	-	10.0	5	-11.1	1	-	-	.93	-	.31	12	13	4	3	5	0	0	0	3	16	24	1	-	-
Stirling	Earls Hill	99	1100	4.6	-1.0	1.8	-	8.2	5	-5.7	26	-	-	.82	-	.32	11	7	4	-	-	-	-	-	0	20	23	-	3.26	-
	Stirling	99	151	7.2	0.0	3.6	-0.1	11.1	7	-5.0	3	1.6	4.6	.53	19	.27	12	6	3	3	0	0	0	0	1	11	24	1	3.19	-
	Falkirk	99	100	7.0	-0.4	3.3	-0.2	10.0	5,6,7	-6.1	2	-	-	.45	15	.21	12	5	3	-	5	-	-	-	-	14	-	-	-	-
Renfrew	Greenock	99	200	6.8	1.2	4.0	-0.1	10.6	16	-3.3	2	-	-	.96	19	.49	11	6	3	2	0	0	1	0	4	8	25	0	2.96	-
	Paisley	99	106	6.7	0.3	3.5	-0.7	10.0	7,17	-6.1	2	2.7	4.9	.94	.39	28	5	3	2	0	1	0	0	0	5	11	20	1	2.20	110
	Barrhead	99	97	6.6	-1.1	2.7	-	9.4	7,17	-8.3	2	-	-	1.00	28	.39	12	5	3	3	0	0	0	0	2	16	20	0	-	

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										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Means of		Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day	Number of days										Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
							Maximum	Date	Minimum	Date						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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				A Max.	B Min.	Mean of A and B					°C.	°C.	°C.	°C.	°C.										°C.	°C.	in	%	in	Date	0.1 in or more	0.1 in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more	in or more

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				Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day	Date											Daily Mean	Per-centage of Average		
				A Max.	B Min.	Mean Temperature of A and B	Difference from Average	Maximum	Date	Minimum	Date							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				
		Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.		-0.1in (0.2mm) or more	0.4in (10mm) or more											hr	%	
4 MIDLAND COUNTIES—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%	
Yorks.	Huddersfield	9 9	325	5.8	1.3	3.5	+0.1	8.9	12	-5.0	3	3.0	4.6	.71	-	.16	18	12	6	-	1	-	-	-	2	9	15	-	.69	43	
W. Riding—	Oakes	21-9	761	4.4	0.8	2.6	-0.3	7.7	12	-4.1	3	2.8	4.5	.84	25	.17	18	19	7	8	1	0	4	0	2	11	17	1	.71	37	
cont.	Bradford	9 9	439	5.3	1.1	3.2	+0.1	8.3	12	-4.4	3	2.9	4.2	.63	23	.16	18,19	10	5	5	0	0	6	0	0	8	15	1	-	-	
	Ilkley	9 9	315	6.0	1.1	3.5	+0.3	9.4	11	-4.4	3	-	-	.68	21	.20	28	7	6	4	1	0	0	0	0	10	-	1	.96	45	
	Sheffield	9 9	429	5.4	1.4	3.4	-0.4	9.4	12	-3.3	3	-	5.0	.87	36	.20	12	16	7	5	0	0	0	0	-	8	-	0	.76	41	
	Wakefield	9 9	121	6.5	1.5	4.0	+0.2	10.0	11	-3.9	3	3.8	5.2	.79	37	.26	28	11	6	4	0	1	0	0	1	8	16	0	-	S	
	Pontefract	9 9	255	6.1	1.5	3.8	+0.3	10.0	12	-2.8	1,3	-	-	.53	29	.13	18,19	11	4	7	1	0	0	0	3	19	8	0	-	-	
	Bramham	9 9	177	5.9	0.8	3.3	-	8.9	12	-3.9	3	-	-	.96	59	.28	28	11	5	5	0	0	0	0	0	12	9	0	1.28	-	
	Cawood	9 9	20	6.3	1.4	3.9	-	10.6	12	-2.2	3,18	3.2	4.4	.65	39	.20	28	8	4	1	0	0	0	0	0	10	11	0	1.09	-	
	Askham Bryan	9 9	110	6.2	1.2	3.7	-	9.4	12	-2.2	3	-	-	.62	35	.15	19,28	9	4	1	0	0	0	0	0	10	14	0	1.43	62	
Derby	Buxton	9 9	1007	3.5	-0.3	1.6	-0.4	6.7	12	-6.1	3	2.0	3.4	1.63	41	.30	11	19	12	6	4	0	0	0	5	14	14	2	-	-	
	Chapel en le Frith	9 9	732	4.9	-0.3	2.3	-	7.2	6,12	-6.7	3	-	-	.98	-	.27	11	13	7	6	1	0	0	0	3	14	19	0	-	-	
	Mackworth	9 9	293	5.6	0.5	3.1	-	8.9	11	-4.5	3,4	-	-	.86	-	.25	19	9	3	-	2	-	-	-	0	11	15	-	-	-	
	Belper	9 9	203	6.2	1.1	3.7	+0.2	8.9	10	-5.5	3	-	-	.89	37	.20	19,28	9	7	2	1	0	0	0	-	7	-	0	-	-	
	Derby	9 9	159	6.1	1.5	3.8	-	10.0	12	-5.0	3	-	-	.83	-	.25	19	11	5	3	2	0	1	0	0	11	16	0	1.19	-	
	Morley	9 9	350	5.4	0.6	3.0	-	8.9	12	-5.6	3	-	-	.94	46	.18	18,19	11	8	4	1	0	0	0	-	13	18	1	1.04	-	
	Chesterfield	9 9	298	6.0	-0.2	2.9	-	10.0	12	-6.7	3	-	-	.74	-	.17	18	11	6	7	0	0	0	0	0	11	-	1	-	-	
Nottingham	Sutton Bonington	9 9	157	5.9	0.8	3.3	-0.3	9.4	12	-6.1	3	3.6	4.9	.53	32	.14	18,19	12	4	2	0	0	0	0	1	12	16	0	1.14	52	
	Wainall	21-9	385	5.3	1.1	3.2	-	8.8	12	-5.1	3	-	-	.80	40	.19	19	12	6	9	2	2	1	0	0	2	13	13	0	.87	39
	Nottingham T.C.**	9 9	169	6.1	0.7	3.4	-	9.4	12	-7.2	3	-	-	.81	-	.20	28	13	6	-	-	-	-	2	13	21	-	.91	-		
	Mansfield	9 9	362	5.4	1.1	3.3	0.0	8.9	12	-3.9	3	3.1	-	.90	44	.18	28	13	10	6	1	0	0	0	2	6	18	0	-	-	
	Nottingham	9 9	192	6.3	0.9	3.6	-0.3	10.0	10	-6.1	3	2.9	4.1	.71	40	.19	19	10	7	2	1	0	0	0	2	10	12	0	.75	39	
	Warsop	9 9	150	6.0	-	-	-	10.0	12	-	-	-	-	.47	27	.13	23	9	5	3	0	0	0	0	1	-	18	0	1.06	-	
	Leicester Finningley	21-9	34	6.5	2.2	4.3	+0.6	10.6	12	-2.3	18	-	-	.61	-	.19	18	9	5	6	0	1	0	0	1	5	12	1	1.26	-	
	Newtown Linford	9 9	392	5.1	0.5	2.8	-	9.5	12	-6.1	3	-	-	.82	-	.18	18	14	5	3	2	0	2	0	0	14	13	0	.87	-	
	Caldecott	9 9	175	5.9	-0.1	2.9	-	9.5	10,12	-7.8	3	-	-	.65	-	.20	28	12	5	-	2	-	-	-	0	15	18	-	1.01	-	
Northampton	Bugbrooke Mills	9 9	228	5.6	-0.4	2.6	-	9.5	12	-7.2	3	3.3	5.3	.44	-	.11	28	11	4	-	1	-	-	4	14	-	-	.87	-		
	Raunds	9 9	193	5.5	0.1	2.8	-	8.9	10,12	-6.7	3	3.0	5.6	.80	54	.28	28	15	14	3	1	1	0	0	2	14	18	0	1.13	-	
	Wittering	21-9	212	5.4	1.2	3.3	-	9.1	12	-4.9	3	-	-	.86	-	.23	28	14	5	5	1	0	2	0	0	12	12	1	1.40	-	
Warwick	Birmingham K.E.S.*	9 9	450	5.1	0.9	3.0	-	8.3	12	-4.5	3	-	-	.30	-	.12	9	6	3	4	0	0	0	0	3	14	-	0	-	-	
	Edgbaston	21-9	536	4.6	1.4	3.0	-0.8	9.1	12	-3.2	8	4.4	6.5	.32	14	.10	19	8	3	8	2	0	2	0	2	9	12	0	.83	40	
	Luddington	9 9	138	5.9	0.3	3.1	-	10.0	12	-7.2	3	-	-	.15	10	.07	18	5	2	4	1	0	0	0	0	16	17	0	1.16	-	
	Stratford on Avon	9 9	160	6.0	-0.2	2.9	-	10.0	12	-7.2	3,18	3.3	-	.20	13	.09	18	8	2	4	2	0	0	0	1	11	18	0	.96	-	
	Elmdon	21-9	319	5.3	0.8	3.1	-	10.4	12	-8.2	3	-	-	.34	18	.10	18	7	3	6	0	0	1	0	3	11	16	0	.85	-	
	Shipston on Stour	9 9	365	5.1	0.5	2.8	-	8.9	12	-5.5	3	3.3	-	.39	-	.08	18,19	13	4	5	1	0	0	0	0	14	19	-	1.04	-	
	Wellesbourne	9 9	153	5.5	-0.3	2.6	-	9.5	12	-6.7	3	-	-	.31	18	.09	18	10	4	4	-	0	0	0	-	13	-	0	.89	-	
	Moreton Morrell	9 9	280	5.5	-0.1	2.7	-	9.5	12	-6.1	3,4	-	-	.31	-	.11	18	6	4	4	2	0	2	0	0	14	20	1	.95	-	
	Coventry	9 9	338	5.5	0.8	3.1	-0.4	9.5	12	-5.5	3	3.5	5.4	.31	17	.07	18	9	4	3	-	0	0	0	1	10	17	0	.80	37	
	Rugby	9 9	385	5.0	0.3	2.6	-0.8	11.1	12	-5.0	3	2.1	4.3	.39	-	.13	18	9	4	8	2	0	1	0	1	15	18	0	-	-	
Oxford	Oxford	9 9	208	5.6	0.5	3.1	-1.1	9.5	12	-5.5	3	2.9	4.9	.22	12	.08	19	9	1	4	1	0	0	0	2	13	19	0	1.11	43	
Buckingham	Medmenham	9 9	98	6.1	-0.5	2.8	-	11.1	12	-8.3	3	-	-	.25	-	.06	19	10	2	-	-	-	-	-	18	22	-	-	-		
	Grendon Underwood	9 9	220	5.6	-0.8	2.4	-	10.0	12	-8.9	3	2.9	5.1	.28	-	.07	12,18	11	3	3	0	0	0	0	-	16	21	0	1.03	-	
	Bletchley	9 9	281	5.7	-0.1	2.8	-	10.0	12	-5.5	3	-	-	.41	-	.12	19	12	3	4	1	0	1	0	1	15	-	0	-	-	
	Aylesbury	9 9	316	4.9	-0.6	2.1	-	9.5	12	-6.7	3	-	-	.33	19	.10	19	5	4	4	1	0	0	0	5						

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		Difference from Average	Highest Maximum and Lowest Minimum				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 Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum		Date	1 ft.			4 ft.	in.	%										in.	Date		0.1 in (2.5 mm) or more	0.01 in (0.25 mm) or more	0.001 in (0.025 mm) or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.

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										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	Per-centage of Average	Most in a day		Precip'n (0.1 in (0.25 mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost t below 0° C	Gale	Daily Mean	Per-centage of Average				
			A Max.	B Min.			Maximum	Date	Minimum	Date					Amount	Date															
			°C.	°C.			°C.	°C.	°C.	°C.					in.	%												in.	°C.	°C.	in.	%	in.	%
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	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	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	-	-	-	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	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	-	-	-	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	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	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	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	1100	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	-	-	.56	-	.28	28	8	2	-	0	-	-	-	0	0	6	-	-	-	
	Botwnnog	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 Dyli	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	-	16	20	-	-	- S	
Montgomery	Ceunws	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	13	20	0	1.77	-	
	Swyddfynnon	9 9	540	5.4	-0.9	2.3	-	8.2	12	-7.5	3	-	-	.49	12	.20	28	9	4	-	0	-	-	-	0	15	21	-	1.91	-	
	Trawcoed	9 9	200	6.1	-0.8	2.7	-	8.9	7,16	-8.3	3	2.7	-	.53	15	.40	28	6	3	0	0	0	0	0	0	16	20	-	1.48	- S	
	Llety-evan-hen	9 9	950	-	-0.1	-	-	-	-	-3.9	18,25																				

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 of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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	in.	%				Amount	Date												0.1 in (0.2mm) or more	0.4 in (1.0mm) or more
				Max. Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%
8b ENGLAND, S.W. cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%
Devon	Clawton	9 9	412	5.9	-2.2	1.9	-	8.9	12	-5.6	3	-	-	.13	-	.04	12	6	1	0	0	0	0	0	1	23	-	0	-	-	
	Hartland Point	21-9	298	5.6	3.0	4.3	-	7.9	12	-0.4	18	-	-	.03	1	.02	28	2	0	1	0	0	1	0	0	1	7	0	2.19	81	
	Mount Batten	21-9	87	6.6	1.9	4.3	-1.5	9.5	12	-1.5	18	-	-	.08	3	.05	27	2	1	4	0	0	0	0	0	5	17	0	2.02	71	
	Plymouth, The Hoe	9 9	119	6.9	1.8	4.3	-1.5	9.4	12	-1.1	18	4.6	6.8	.10	3	.07	27	2	1	1	0	0	0	0	0	4	12	0	2.18	76	
	Tavistock	9 9	457	6.3	0.4	3.3	-1.5	8.9	16	-3.3	18,19	-	-	.06	-	.03	12	4	0	2	0	0	0	0	0	13	22	0	-	-	
	Chivenor	21-9	20	6.9	1.7	4.3	-	9.8	16	-3.6	4	-	-	.09	3	.03	28	6	0	3	0	0	1	0	1	5	17	0	1.96	-	
	Ilfracombe	9 9	25	6.4	2.9	4.7	-1.3	9.4	12	-0.6	18	4.9	7.2	.37	13	.25	28	4	2	2	0	1	0	0	1	7	0	1.65	65		
	Princetown	9 9	1359	3.6	-0.9	1.3	-	6.7	12	-5.0	18	-	-	.13	-	.12	12	2	1	-	-	-	-	3	18	22	-	-	-		
	Totnes	9 9	120	6.9	0.5	3.7	-	10.0	12	-3.3	4,18	4.3	6.8	.09	2	.05	12	4	1	2	1	0	0	0	0	11	23	0	1.92	-	
	Slapton	9 9	104	6.6	1.9	4.3	-	9.4	12	-1.1	15,19,22	-	-	.04	-	.03	19	2	0	0	0	0	1	0	0	5	12	0	-	-	
	Newton Abbot	9 9	272	6.1	0.9	3.5	-1.5	9.4	12	-3.3	18	-	-	.07	2	.06	12	2	1	1	1	0	0	0	0	11	21	0	2.35	84	
	Paignton	9 9	8	7.0	2.1	4.5	-	10.0	12	-1.7	4	-	-	.13	4	.09	12	4	1	1	0	0	0	0	0	4	18	0	2.15	80	
	Torquay	9 9	26	7.0	2.3	4.7	-1.0	10.0	12	-1.1	15	-	6.3	.09	3	.07	12	2	1	1	0	0	0	0	0	5	12	0	2.29	80	
	Teignmouth	9 9	20	6.9	2.3	4.6	-1.2	10.0	12	-1.7	18	-	-	.09	3	.07	12	2	1	1	0	0	0	0	0	1	14	0	2.42	85	
Starcross	9 9	29	6.6	1.0	3.8	-	10.0	12	-2.8	18	4.1	-	.10	4	.10	12	1	1	-	0	-	-	-	0	9	17	-	2.67	-		
Cornwall	Exeter, Southam	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Exmouth	9 9	195	6.5	0.8	3.7	-1.3	10.6	12	-3.3	3,4	-	-	.09	4	.09	12	1	1	2	0	0	0	0	0	11	-	0	2.66	92	
	Exeter	21-9	106	6.4	1.0	3.7	-	10.2	12	-4.0	3	-	-	.03	1	.03	12	1	0	3	0	0	0	0	1	10	20	0	2.13	-	
	Sidmouth	9 9	25	6.5	0.9	3.7	-1.6	10.6	12	-2.8	18	-	-	.07	3	.06	12	2	1	-	0	-	-	-	0	13	15	-	-		
	St. Mary's, Scilly	21-9	158	7.3	4.6	5.9	-1.4	9.7	11,12,27	0.8	21	-	-	.37	14	.21	28	8	2	1	0	1	0	0	0	0	-	0	1.90	66	
	Penzance	9 9	62	7.6	2.9	5.3	-1.5	10.0	11	-0.6	4,18,24	-	-	.41	12	.18	28	7	3	0	0	0	0	0	0	3	15	0	1.90	65	
	Gulval	9 9	50	7.2	2.4	4.8	-1.7	9.4	10,12,17	-1.1	18	-	-	.31	9	.13	28	6	3	-	0	-	-	-	0	4	7	-	1.18	63	
	Culdrose	9 9	268	6.4	1.1	3.7	-	9.4	12	-2.2	28	-	-	.19	7	.11	28	4	2	3	0	0	0	0	0	12	16	0	1.79	-	
	Rosewarne	9 9	250	6.2	1.9	4.1	-	8.9	12	-2.8	18	4.4	6.4	.40	13	.16	28	6	4	2	0	1	0	0	0	8	20	1	1.81	-	
	Lizard	9 9	240	6.8	2.9	4.9	-1.6	9.2	5,10	-0.3	19	-	-	.17	6	.06	28	5	2	2	-	0	0	0	0	1	-	1	1.71	-	
	Falmouth	9 9	167	6.6	1.3	3.9	-2.4	9.4	12	-2.2	18	-	-	.17	5	.05	19	5	2	0	0	0	0	0	0	8	17	0	1.49	54	
	Newquay	9 9	176	6.7	1.9	4.3	-1.6	8.9	12	-3.3	18	-	-	.12	4	.08	28	2	2	0	-	0	0	0	-	7	-	0	2.22	81	
	St. Mawgan	21-9	337	6.2	1.6	3.9	-	9.0	3,12	-2.9	18	-	-	.24	8	.17	28	3	2	2	0	0	0	0	0	9	16	0	2.32	-	
	St. Austell	9 9	310	6.7	2.4	4.5	-	8.9	12	-0.6	18	-	-	.16	4	.07	12	5	2	1	0	0	0	0	0	1	-	0	-	-	
Fowey	9 9	51	7.6	1.8	4.7	-1.5	10.6	16,17	-1.7	18	-	-	.09	-	.06	12	4	1	1	0	0	0	0	0	4	-	0	-	-		
Bude	9 9	50	6.9	1.3	4.1	-1.4	8.9	12,17	-2.8	4	2.6	-	.22	9	.20	28	2	1	0	0	1	0	0	0	12	-	1	2.03	73		
Ellbridge	9 9	190	6.9	0.8	3.9	-1.3	10.0	3,16	-2.8	4,18	-	-	.06	2	.03	27	3	0	0	0	0	0	0	0	9	18	0	2.15	74		
9 NORTHERN IRELAND																															
Londonderry	Loughmore Forest	9 9	570	6.2	-0.1	3.1	-	8.3	12	-7.2	1	-	-	.97	-	.18	11	15	9	1	0	1	0	0	0	10	18	0	-	-	
	Ballykelly	21-9	6	7.1	1.5	4.3	-0.5	10.3	12	-5.9	1	-	-	.49	19	.10	11	13	4	4	0	2	0	0	0	9	16	0	2.01	75	
Antrim	Derrynoyd Forest	9 9	290	6.9	1.1	4.0	-	10.0	12	-5.0	1	-	-	.67	-	.21	12	13	5	2	1	1	0	0	0	7	17	0	-	-	
	Somers Forest	9 9	140	7.1	0.2	3.7	-	10.0	12	-5.6	1	-	-	.51	-	.16	12	10	3	0	0	2	0	0	0	10	16	0	-	-	
	Garvagh Forest	9 9	290	6.8	1.0	3.9	-	10.0	12	-3.9	1	-	-	.92	-	.21	12	13	7	2	0	3	0	0	0	9	20	0	-	-	
	Moneydig	21-9	112	7.0	0.9	3.9	-0.3	10.2	12	-6.9	1	3.4	-	.64	23	.13	12	12	6	3	0	1	1	0	1	11	17	0	-	-	
	Portrush	-	17	-	-	-	-	-	-	-	-	-	-	.49	-	.19	12	11	3	-	-	-	-	-	-	-	-	-	2.53	-	
	Lisnafillan	9 9	124	6.8	0.3	3.5	-	10.0	12	-6.1	1	-	-	.58	-	.15	12	11	7	3	0	0	0	0	1	10	14	0	2.15	-	
	Aldergrove	21-9	225	6.2	0.3	3.3	-0.9	9.0	12	-5.9	5	3.2	5.7	.55	-	.24	28	12	4	3	0	0	1	0	2	13	16	0	1.73	76	
	Greenmount	9 9	105	6.7	0.1	3.4	-	9.4	7,17	-6.7	1	3.1	-	.44	-	.12	28	10	4	1	0	0	0	0	-	11	20	-	-	-	
	Parkmore Forest	9 9	770	5.3	0.4	2.9	-	7.8	12,16	-4.4	1	2.9	-	1.04	-	.23	11	15	9	2	0	0	0	0	0	12	18	0	-	-	
	Black Mountain	21-9	969	4.6	0.3	2.5	-	7.6	17	-4.1	13	-	-	.56	-	.10	10	14	7	3	0	0	0	0	0	2	13	-	0	-	
	Ballypatrick Forest	9 9	500	5.9	0.5	3.2	-	8.9	12	-4.4	1	-	-	.73	-	.16	12	12	6	2	0	2	0	0</							

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 to 5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-8 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.																					
																												8 or more	6, 4, 2	5, 3, 1	0																														
																																Speed in knots																													
																																11 to 13	14 to 16	17 to 20	21 to 24	25 to 28	29 to 32	33 to 36	37 to 40	41 to 44	45 to 48	49 to 52	53 to 56	57 to 60	61 to 64	65 to 68	69 to 72	73 to 76	77 to 80	81 to 84	85 to 88	89 to 92	93 to 96	97 to 100							
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 1965

[illegible]

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

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE XIII—SOLAR RADIATION AND ILLUMINATION,

FEBRUARY,

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 ...	180	27	23	4	73.1	28	98	27	23	4	55.7	28	201	27	27	4	81.5	28
Eskdalemuir Observatory ...	246	26	46	5	110.3	28	118	16	43	5	82.5	28	233	26	37	5	100.0	28
Cambridge ...	211	14	33	4	103.1	28	144	28	33	4	83.3	28	-	-	-	-	-	-
London (High Holborn) ...	214	14	26	4	100.9	28	152	28	26	4	79.9	28	291	28	32	4	122.4	28
Kew Observatory ...	222	14	28	4	94.6	28	165	28	26	4	79.1	28	230	14	26	4	105.5	28
Aberporth ...	220	26	44	6	122.6	28	144	26	44	6	85.2	28	-	-	-	-	-	-
Bracknell (Easthampstead) ...	246	14	27	5	105.6	28	159	28	25	5	84.8	28	287	14	35	5	129.1	28

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

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°		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	1	10	17	0	0	0	0	0	0	0	7	15	6	0	0		Edgbaston	0	18	10	0	0	0	0	0	0	0	0	8	20	0	0	0
Stornoway	0	4	23	1	0	0	0	0	0	0	5	19	4	0	0		Kew Observatory	0	6	21	1	0	0	0	0	0	0	0	3	21	4	0	0
Craibstone	0	15	12	1	0	0	0	0	0	0	9	17	2	0	0		Hastings	0	9	19	0	0	0	0	0	0	0	12	16	0	0	0	
Rothsay	0	3	25	0	0	0	0	0	0	0	11	17	0	0	0		Southampton	0	3	24	1	0	0	0	0	0	0	14	13	1	0	0	
Renfrew	0	5	21	2	0	0	0	0	0	0	3	14	9	2	0	0		Stonyhurst	0	9	19	0	0	0	0	0	0	1	10	17	0	0	0
Eskdalemuir Observatory	0	11	17	0	0	0	0	0	0	0	3	15	10	0	0	0		Bidston	0	13	15	0	0	0	0	0	0	6	22	0	0	0	
Douglas	0	7	21	0	0	0	0	0	0	0	0	5	22	1	0	0		Valley	0	2	26	0	0	0	0	0	0	9	14	5	0	0	
Cockle Park	0	13	15	0	0	0	0	0	0	0	7	21	0	0	0	0		Falmouth	0	7	21	0	0	0	0	0	0	0	9	19	0	0	0
Gorleston	0	11	17	0	0	0	0	0	0	0	2	25	1	0	0	0		Aldergrove	0	4	24	0	0	0	0	0	0	2	11	14	1	0	0
Cambridge	0	7	21	0	0	0	0	0	0	0	2	10	16	0	0	0		Armagh	0	4	24	0	0	0	0	0	0	1	10	17	0	0	0

TABLE III—ADDITIONS AND CORRECTIONS - FEBRUARY, 1965.

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			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	Total Fall											Percentage of Average	Amount	Date									
				Max. Min.	°C.		°C.	°C.	°C.			°C.	°C.											°C.	°C.	°C.	in.	%	in.	-0.01 in. (0.2mm.) or more	-0.01 in. (0.2mm.) or more	°C.	°C.	°C.	°C.
1964	Hoddesdon	9 9	153	22.1	12.1	17.1	-																												
		9 9	185																																
July	Wye	9 9	38	18.0	12.7	15.3	-	28.3	17	8.3	4			1.03	40	.39	18	8	6																
		9 9	38	18.3	11.2	14.7	-	21.1	8,16,17	5.6	21,22																								
August	Poulton-le-Fylde	9 9	38	18.3	11.2	14.7	-	21.1	8,16,17	5.6	21,22																								
		9 9	17	20.1	11.2	15.7	-0.5	26.1	26	2.2	21																								
	Hawarden Bridge	9 9	203	20.1	10.6	15.3	-0.5	26.1	26	4.4	20			2.03	77	.68	18	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9 9	298	19.9	10.6	15.3	-	27.2	26	2.8	31			2.39	-	.50	18	12	9	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
	Chesterfield	9 9	12	18.1	12.4	15.3	-0.7	21.7	5,25	6.1	21			2.15	85	.71	5	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9 9	280	20.9	10.3	15.6	-	28.9	26	2.8	31																								
	Llandudno	9 9	60	18.3	11.5	14.9	-0.8	22.8	5	5.6	21																								
		9 9	280	20.9	10.3	15.6	-	28.9	26	2.8	31																								
	Moreton Morrell	9 9	60	18.3	11.5	14.9	-0.8	22.8	5	5.6	21																								
		9 9	280	20.9	10.3	15.6	-	28.9	26	2.8	31																								
	Aber	9 9	60	18.3	11.5	14.9	-0.8	22.8	5	5.6	21																								
		9 9	280	20.9	10.3	15.6	-	28.9	26	2.8	31																								
	Llyn Stwlan	9 9	1656	-	-	-	-	-	-	-	-																								
		9 9	160	-	-	-	-	-	-	-	-																								
	Exeter (Southam)	9 9	160	-	-	-	-	-	-	-	-																								
		9 9	2780	-	-	-	-	-	-	-	-																								
	Great Dun Fell	9 9	38	17.4	10.4	13.9	-	22.2	2	3.3	21			1.56	-	.35	14	13	9	-	-	-	-	-	-	-	21	-	-	-	-	-	-	-	
		9 9	1825	8.3	2.3	5.3	-	13.3	5	-4.4	24	7.3			3.51	-	1.00	6	20	11	-	0	-	-	-	-	3	11	14	-	2.77	-	-	-	
	Moor House	9 9	12	13.1	7.5	10.3	-1.1	18.3	5	3.3	13			4.04	125	.64	14	16	12	0	0	2	0	1	0	0	-	-	-	-	-	-	-	-	
		9 9	25	-	-	-	-	-	-	-	-																								
	Llandudno	9 9	12	13.1	7.5	10.3	-1.1	18.3	5	3.3	13			4.04	125	.64	14	16	12	0	0	2	0	1	0	0	-	-	-	-	-	-	-	-	
		9 9	25	-	-	-	-	-	-	-	-																								
	Sidmouth	9 9	224	-	-	-	-	-	-	-	-																								
		9 9	185	-	-	-	-	-	-	-	-																								
	Sittingbourne	9 9	185	-	-	-	-	-	-	-	-																								
		9 9	188	-	-	-	-	-	-	-	-																								
	Wye	9 9	151	-	-	-	-	-	-	-	-																								
		9 9	151	-	-	-	-	-	-	-	-																								
	Fernhurst	9 9	151	-	-	-	-	-	-	-	-																								
		9 9	151	-	-	-	-	-	-	-	-																								
	Ambleside	9 9	151	-	-	-	-	-	-	-	-																								
		9 9	151	-	-	-	-	-	-	-	-																								
	Point of Ayre	21-9	30	-	-	-	-	-	-	-	-																								
		9 9	594	9.3	3.2	6.3	+0.5	14.4	22	-3.3	30	-	-	3.98	115	.96	5	18	14	2	2	0	0	0	0	5	6	-	2	-	-	-	-	-	
	Ushaw	9 9	90	10.8	5.4	8.1	-	15.0	25	-2.2	31	-	-	1.12	39	.25	20	15	10	-	-	-	-	-	-	4	2	2	-	1.96	91	-	-	-	-
		9 9	12	11.4	6.3	8.9	+0.4	15.0	13	-0.5	9	-	-	1.05	44	.20	17	11	8	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Llandudno	9 9	12	11.4	6.3	8.9	+0.4	15.0	13	-0.5	9	-	-	1.05	44	.20	17	11	8	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9 9	131	-	-	-	-	-	-	-	-			2.15	76	.57	30	15	12	1	0	4	0	0	0	0	1	-	0	2.63	143	-	-	-	
	Haverfordwest	9 9	1028	9.2	4.4	6.8	-	12.8	13	-1.7	11,30	-	-	5.04	-	1.01	15	16	15	3	0	1	0	0	11	6	10	3	1.61	-	-	-	-	-	
		9 9	457	11.0	5.4	8.2	+0.4	15.0	21	-1.7	9	-	-	4.31	-	1.23	13	20	13	1	0	1	0	0	1	5	14	2	-	-	-	-	-	-	
	Tavistock	9 9	212	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	
		9 9	31	-	-	-	-	-	-	-	-																								
	Finchampstead	9 9	212	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	
		9 9	31	-	-	-	-	-	-	-	-																								
	Avonmouth	9 9	212	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	
		9 9	212	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	-
	Bromley	9 9	212	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	-
		9 9	212	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	-
	Grandon Underwood	9 9	220	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	-
		9 9	220	10.9	4.4	7.7	-	15.6	18	-6.1	30	8.7	9.8	1.55	-	.28	30	13	9	0	0	0	0	0	5	4	15	0	1.70	-	-	-	-	-	-
	Gillingham	9 9	14	11.2	4.5	7.9	-	15.0	13,15,25	-6.1	30			1.74	69	.56	30	12	11																
		9 9	51	-	-	-	-	-	-	-	-																								
	Margate	9 9	660	8.4	1.1	4.7	-	12.2	24	-11.7	10																								
		9 9	135	-	-	-	-	-	-	-	-																								
	Kielder Castle	9 9	379	-	-	-	-	-	-	-	-																								
		9 9	26	-	-	-	-	-	-	-	-																								
	Luton	9 9	26	-	-	-	-	-	-																										

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

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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	SUN-SHINE
	*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.	SUN-SHINE
	*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

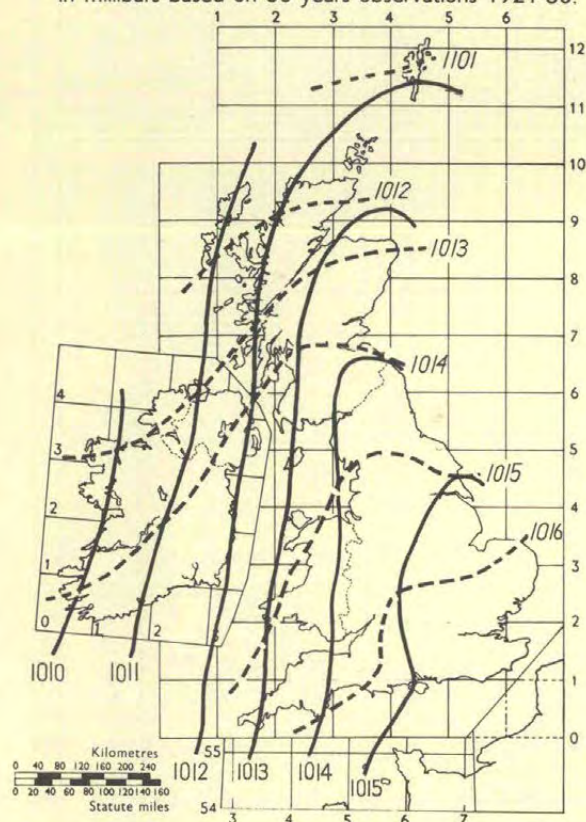
(1914)

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	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	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	43	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
		Eskdalemuir Observatory	825	50	35	-	0	3	7	197	309	231	0	6.7	230	25	16	14	43	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	232	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	203	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	Edgbaston	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	39	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
		Watlington	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

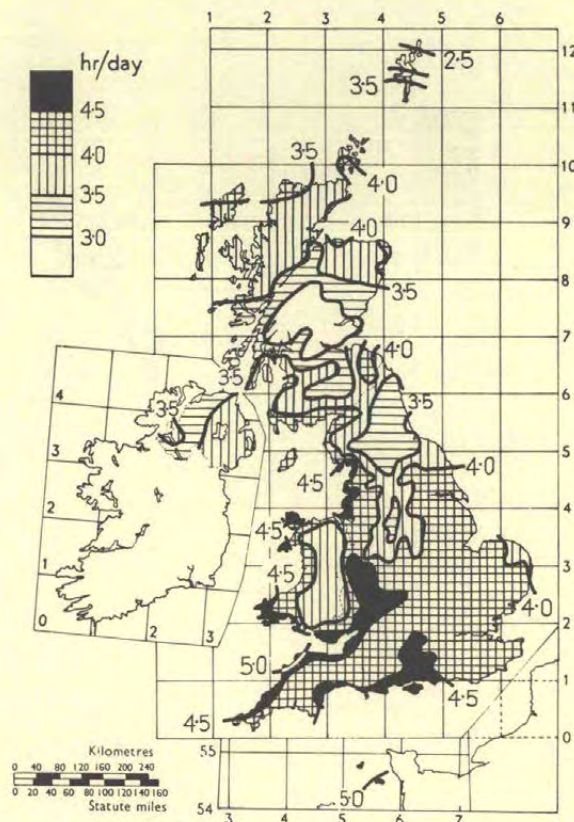
MONTHLY WEATHER CHARTS MARCH 1965

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.

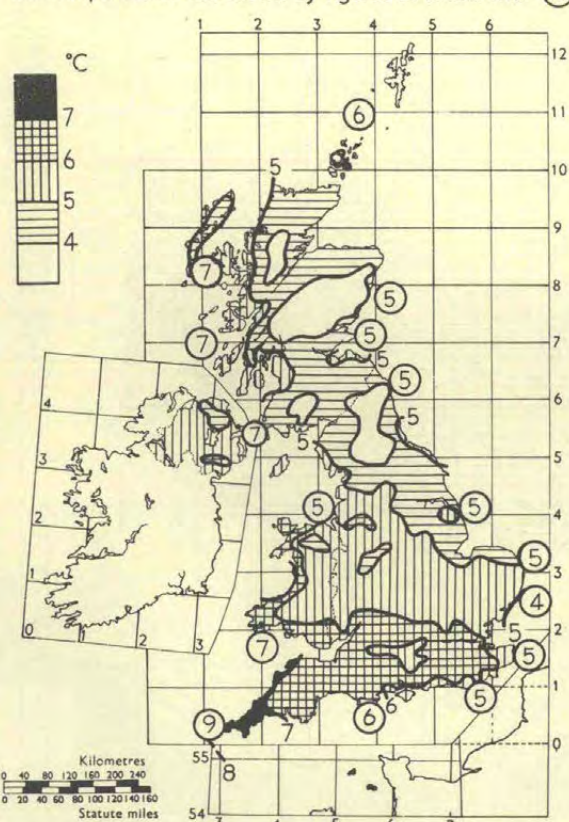


BRIGHT SUNSHINE

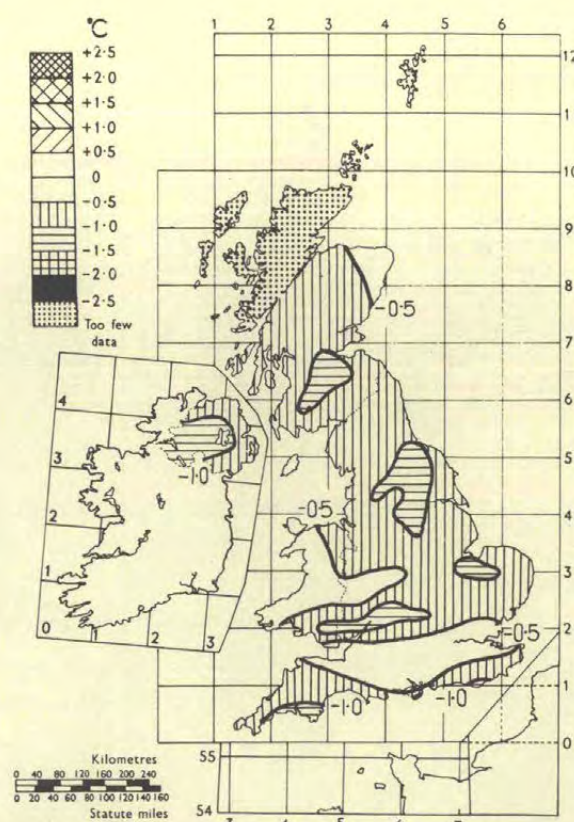


MEAN AIR TEMPERATURE

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



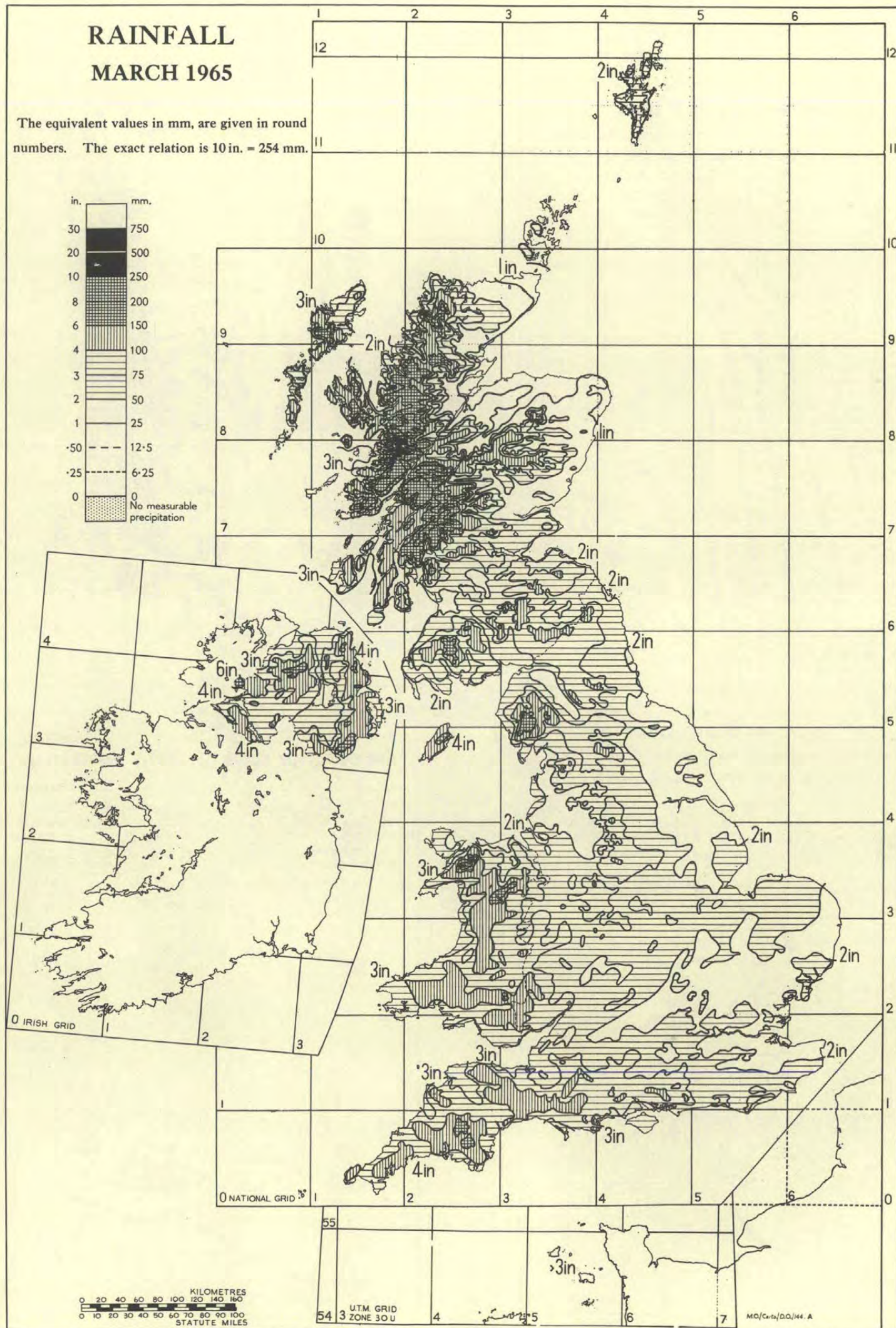
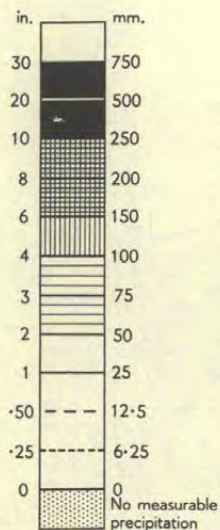
ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

MARCH 1965

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



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

54 3 U.T.M. GRID
ZONE 30 U

MO/Cr-22(DQ)/44 A

TABLE III — 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		Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		Total Fall	Per-centage of Average	Most in a day		Precip'n (0.1in. (0.2mm) 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	Per-centage of Average			
					A	B		Maximum	Date	Minimum	Date	1 ft.	4 ft.			Amount	Date														
																													°C.	°C.	°C.
0 SCOTLAND, N.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%			
Zetland	Hamnavoe	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	-	
	Lerwick Obs'y. §§	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	
	Baltasound	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	-	
	Sule Skerry	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	-	-	
	Stenness	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	-	
Orkney	Evie	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	-	
	Kirkwall	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	
	Dounreay	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	-	-	
	Wick	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	12	16	0	3.87	114	
	Cape Wrath	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	-	
Sutherland	Achany	9 9	280	8.3	-1.2	3.5	-	18.9	28	-10.0	2	3.3	4.2	1.22	43	.34	26	14	7	10	6	4	0	0	1	21	22	0	3.65	-	
	Strathay	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	
	Stornoway §§	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	
	Balmacara	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	-	-	
	Poolewe	9 9	20	9.7	1.7	5.7	-	16.7	30,31	-3.9	4	-	-	2.94	74	1.09	16	10	10	-	-	-	-	0	12	21	-	3.64	-		
Ross & Cromarty	Inverpolly	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	-	
	Achnashellach	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	-	-	
	Kinlochewe	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	-	
	Blackbridge	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fortrose ... §§	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	
Inverness	Tarbatness	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	-	-	
	Benbecula	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	9	13	3	3.88	-	
	Isle of Rhum	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	5	15	9	-	-	
	Prabost	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	9	19	4	3.94	-	
	Duntulm	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	
Aberdeen	Onich §§	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	
	Fort William	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	
	Fort Augustus	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	10	12	-	2	3.44	-
	Cannich	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	-	-	
	Inverness	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	-	
Banff	Coire Cas Shieling	9 9	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm	9 9	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	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	-	-	
	Glenmore Lodge	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	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	
	Forres	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	
	Kinloss	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	-	
	Elgin	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	-	
	Lossiemouth	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	-	-	
Moray	Gordon Castle	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	
	Glenlivet	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	-	
	Banff	9 9	80	7.8	1.2	4.5	-	18.3	28	-10.6	2	-	-	.84	-	.41	26	16	5	9	5	2	0	0	2	7	-	0	3.71	-	
	Braemar	9 9	1113	5.9	-2.9	1.5	-1.3	16.7	29	-20.0	2	-	-	1.32	59	.22	13	16	14	-	11	-	-	-	0	21	24	-	3.13	- S	
	Balmoral	9 9	927	5.9	-2.8	1.5	-1.5	17.2	29	-17.8	2	-	-	1.6																	

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

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												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Means of		Difference from Average		Highest Maximum and Lowest Minimum						Total Fall		Percentage of Average		Most in a day		Precip'n		Snow or Sleet		Hail		Ice or snow pellets etc.		Thunder heard				Fog at 9h		Air Frost		Grass min below 0 °C		Gale		Daily Mean		Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
Max.	Min.	ft.	°C.	°C.	°C.	°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.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	

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						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 in. (0.2mm.) or more	0.1 in. (1.0mm.) or more				Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.				Max.	Min.	Max.												Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

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						Total Fall	Percentage of Average	Most in a day	Precip'n										Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum																		Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Max Min	ft	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	m	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in

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						Total Fall	Per-centage of Average	Most in a day													Daily Mean	Per-centage of Average	
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.				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					
		Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	40 in. (0.2mm.) or more	40 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	Grass min below 0° C.	Gale	Daily Mean	Per-centage of Average			
5 ENGLAND, S.E.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
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	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	3	14	19	0	4.53	-		
Kent	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	-	-	-	-		
	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	-	0	-		
	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	9	-	0	3.90	-		
	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	-	
	Isle 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	-	
	Sussex	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	-	2	4.17	-	
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	-	0	4.00	-	
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	-	-	0	4.15	97	
Sussex		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
	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	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	-	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	-	0	4.50	103	
	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	-	4.15	-	
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Berkshire	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	
	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	-	0	-	-	
	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	-	-	1.90	-	.36	20	15	11	2	4	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	-	-	3.75			

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				EARTH TEMPERATURE		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 1st below 0° C	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average		
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.																	
				Max.	Min.			Max.	Min.	Max.	Min.	Max.	Min.																Max.	Min.
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
7a ENGLAND, N.W.—cont.																														
Lancashire	Squires Gate	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
	Urswick	9 9	130	8.8	0.6	4.7	-	21.7	29	-9.4	2	-	-	2.65	94	.63	22	13	10	3	2	0	0	0	5	11	-	0	-	-
	Southport	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	-
	Poulton-le-Fylde	9 9	38																											
	Grizedale	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	-	-
	Speke	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	-
	Kirkham	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	-
	Garstang	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	-
	Morecambe	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
	Penketh	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	-
	Preston	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	-	-
	Stonyhurst	9 9	377		0.4		-	21.7	29	-8.9	2	-	-			.35	15				3	-	-	-	2	11	18	-	3.86	118
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.19	-
	Helmshore	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	-
Burnley	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	-	
Nelson	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	
Rochdale	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	-	-	- S	
Cheshire	Bidston Obs'y.	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	
	Winnington	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	-	-
	Knutsford	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	-	-	-	
	Ringway	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
	Macclesfield	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	Rhyl	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
	Prestatyn	9 9	12	9.6	2.2	5.9	-	23.9	29	-7.8	2	-	-	1.87	106	.49	20	13	10	3	5	1	0	0	0	8	-	1	4.00	111
Anglesey	Hawarden Bridge	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	-	-
	Valley	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	Colwyn Bay	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
	Alwen	9 9	1100	6.9	-1.7	2.6	-	21.1	29	-17.2	2	-	-	3.55	113	.58	25	18	15	-	-	-	-	-	18	22	-	-	-	-
Caernarvon	Ruthin	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	-
	Loggerheads	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	-	-
	Bwlchwyn	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	-	-	-
	Wrexham	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	-	-	-
	Bardsey Island	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	-	-	-
	Botwnnog	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	-
	Bryn Adda	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	-
	Cwm Dyli	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	-	-	-	-
	Aber	9 9	60	10.5	3.3	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
	Llandudno	9 9	13				-	-	-	-	-	-	-	3.59	-	.85	20	17	14	-	-	-	-	-	-	-	-	-	-	-
Merioneth	Llyn Stwlan	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	750				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montgomery	Corwen	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	-
	Ceinws	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	-	-	-	-
	Lake Vyrnwy	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	Aberporth	21-9	378	9.2	3.4	6.3	-0.4	21.0	29	-6.6	3	-	-	2.95	107	.47	22	18	15	4	7	0	1	0	0	6	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 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	All Frost	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				A Max.	B Min.		Mean Temperature Mean of A and B	Maximum	Date	Minimum																		Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	°C.	°C.	in.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	

DISTRICT, COUNTY AND PLACE		Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (DETAS)					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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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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.	220-430 yd.	440-1,000 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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			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.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	34 or more	4	5	6	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH, 1965

[illegible]

TABLE XIII—SOLAR RADIATION AND ILLUMINATION.

MARCH.

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 ...	411	26	25	14	191.9	31	203	31	25	14	119.3	31	411	26	30	14	211.4	31
Eskdalemuir Observatory ...	501	31	42	7	213.8	31	222	21	41	7	124.1	31	576	31	39	7	222.7	31
Cambridge ...	542	31	43	21	246.0	31	186	13, 27	43	21	123.6	31	-	-	-	-	-	-
London (High Holborn) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kew Observatory ...	519	28	46	20	238.7	31	191	26	46	20	119.2	31	584	28	65	20	266.6	31
Aberporth ...	538	31	84	17	276.8	31	204	27	84	17, 28	131.9	31	-	-	-	-	-	-
Bracknell (Easthampstead) ...	-	-	55	20	253.8	29	194	5	54	20	127.7	28	-	-	77	20	292.8	26

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

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.									
	0.0° or less	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	15.1° to 20.0°	20.1° to 25.0°	25.1° to 30.0°	Above 30.0°	-15.0° or less	-14.9° to -10.0°	-9.9° to -5.0°	-4.9° to 0.0°	0.1° to 5.0°	5.1° to 10.0°	10.1° to 15.0°	Above 15.0°		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	1	14	16	0	0	0	0	0	0	0	14	13	4	0	0			Edgbaston	2	7	7	13	0	2	0	0	0	0	2	8	11	10	0	0	
Stornoway	0	6	17	8	0	0	0	0	0	0	6	18	7	0	0			Kew Observatory	0	6	7	13	3	2	0	0	0	0	1	8	8	13	1	0	
Craibstone	1	12	14	2	2	0	0	0	0	0	3	11	4	3	0	0			Hastings	0	7	16	6	2	0	0	0	0	0	2	5	16	8	0	0
Rothsay	0	8	19	4	0	0	0	0	0	0	7	17	7	0	0			Southampton	0	4	8	14	4	1	0	0	0	0	1	8	10	12	0	0	
Renfrew	0	8	11	10	2	0	0	0	1	1	8	14	7	0	0			Stonyhurst	1	6	12	10	1	1	0	0	0	0	3	11	13	4	0	0	
Eskdalemuir Observatory	3	9	11	7	1	0	0	0	1	5	13	10	2	0	0			Bidston	1	7	12	9	1	1	0	0	0	0	2	9	14	6	0	0	
Douglas	0	10	16	4	1	0	0	0	0	1	6	22	2	0	0			Valley	0	4	11	13	3	0	0	0	0	0	0	10	10	11	0	0	
Cockle Park	2	10	14	3	2	0	0	0	0	3	13	13	2	0	0			Falmouth	0	4	12	15	0	0	0	0	0	0	1	7	9	14	0	0	
Gorleston	0	11	12	6	1	1	0	0	0	1	5	19	6	0	0			Aldergrove	0	9	13	7	2	0	0	0	0	0	1	7	19	4	0	0	
Cambridge	0	8	5	14	2	2	0	0	0	4	8	13	6	0	0			Armagh	0	4	14	10	1	2	0	0	0	1	0	5	20	5	0	0	

TABLE II—ADDITIONS AND CORRECTIONS

MONTH	STATION	Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust		
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration		Veer from N.	Speed	Hour ended at	Speed	Day and Time	
May, 1959 - Dec., 1964	Southport	ft. 63	ft. 45	ft. 36		hr.		hr.	hr.	hr.	hr.	hr.	knots		knots	day hr.	knots	day	h.m.
January	Moor House	1960	50	45					358	168									
February	Moor House	1960	50	45					377	158									
April	Aldergrove	263	33	33					393	278		0							
November	Moor House	1960	50	45	13, 16, 18, 24-26	18		163											
December	Shin	78	33	33	-	0	6	14	287	196	347	0	6.4	210	28	9 01	55	8	2400
December	Lossiemouth	101	80	60	31	1	14	81	272	248	140	2	10.9	200	36	31 01	58	31	0010
December	Paisley	188	81	31	-	0	4	13	154	296	281	0	6.3	180	29	11 24	51	11	2310
December	Coryton	66	57	48	-	0	6	19	302	306	117	0	10.0	270	26	13 05	59	8	0150

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	Differ- ence from Aver- age	Highest Maximum and Lowest Minimum			Total Fall			Per- cent- age of Aver- age	Most in a day		Precip'n -0.1in (0.2mm) or more	-0.04in (1.0mm) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Per- cent- age of Aver- age	
				A Max.	B Min.			Maximum	Date	Minimum		Date	Amount		Date															
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in	%	in.											hr
1964		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.																		
December	Glenmore Lodge	9 9	1120	3.9	-2.8	0.5	-	11.6	11	-13.3	27	-	-	4.57	-	.61	8	25	20	13	22	0	0	0	0	19	30	0	.27	- S
	Aberdeen	9 9	170	5.4	-0.7	2.3	-	11.7	6,11	-9.4	26	-	-	1.40	45	.34	7	17	12	6	5	1	0	0	0	18	25	0	1.61	122 S
	Dall	9 9	720	4.7	-1.8	1.5	-	11.7	11	-10.6	26	-	-	6.12	-	(1.60)	30	20	16	9	11	0	0	0	0	20	25	1	-	-
	Lyonshall	9 9	510											3.91	-	.96	12	21	15											
	Grizedale	9 9	300	6.4	-2.1	2.1	-	11.1	8,11,13	-12.8	28	4.4	-	13.40	-	3.08	11	20	18											
	Llyn Stwlan	9 9	1656											15.07	-	4.05	12	23	21											
	Ilfracombe	9 9	25																											
	Cardiff	9 9	202											(6.06)	(139)	1.10	26	19	14										1.19	88
	Skegness	9 9	15											2.23				18	15											
	Ampleforth	9 9	313															19	14											
	Bramham	9 9	177											1.51				20	11											

TEXT - NOVEMBER 1964 - CORRECTION

Under "Pressure and Wind", read:-

"Wind reached 68 kt in gusts at Lerwick on the 26th, at Dounreay on the 16th, and at Blackford Hill on the 14th."

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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

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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

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.	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.

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

APRIL, 1965

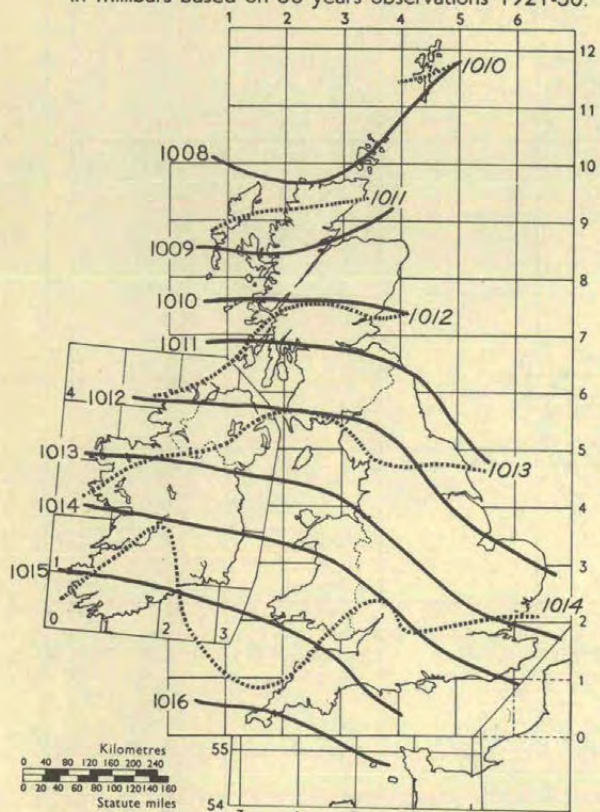
(1914)

DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										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	10	90	338	218	44	0	12.5	150	32	10	03	53	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 & Cromarty	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
		Dunrobin	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	9,12,13,15,17-19	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
		Iskdalemuir 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	307	27	66	11.2	310	28	18	11	48	18	1550
	Lincoln	Cranwell	288	47	47	-	0	6	27	2	307	27	66	11.2	310	28	18	11	48	18	1550
3	Norfolk	Gorleston	54	43	43	-	0	4	21	269	357	54	19	10.2	290	27	18	10	49	18	1000
	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	40	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	-	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	92	75	50	-	0	1	1	207	400	112	0	8.2	270	22	17	17	58	17	1650
	Surrey	Kew Observatory	232	38	33	-	0	1	1	159	341	219	0	6.9	260	22	17	17	47	17	1710
		Gatwick	48	40	33	-	0	0	0	102	318	300	0	5.5	280	18	17	18	41	17	1710
	Kent	Isle of Grain	70	50	33	-	0	6	51	317	267	81	4	10.8	230	29	12	12	51	19	1435
		Dungeness	68	38	62	-	0	0	0	213	374	133	0	7.9	230	20	12	11	40	12	1110
	Dover	Thorney Island	75	65	42	-	0	4	7	204	294	215	0	7.6	290	25	17	18	51	19	1040
	Sussex	Hurn	86	53	46	-	0	4	11	249	354	106	0	9.2	300	25	17	22	44	19	1245
	Hampshire	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	1535
	Berkshire	Abingdon	295	40	40	-	0	3	3	208	342										

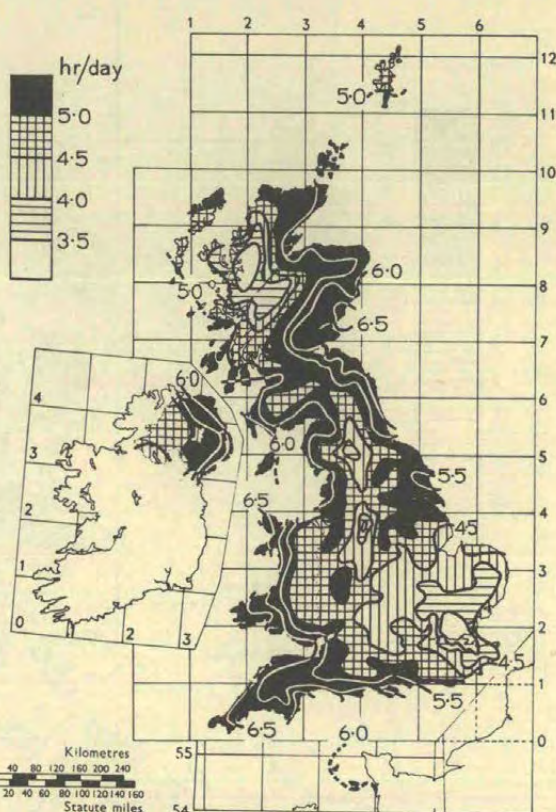
MONTHLY WEATHER CHARTS APRIL 1965

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.

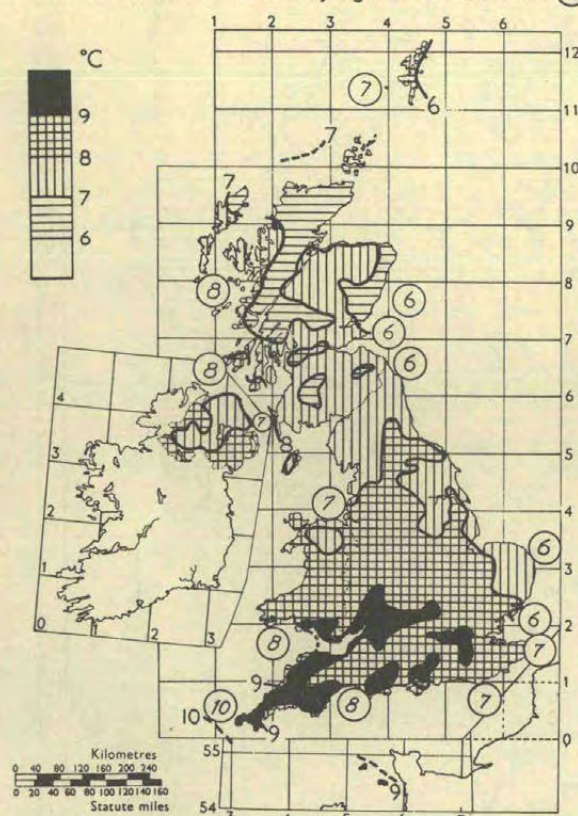


BRIGHT SUNSHINE

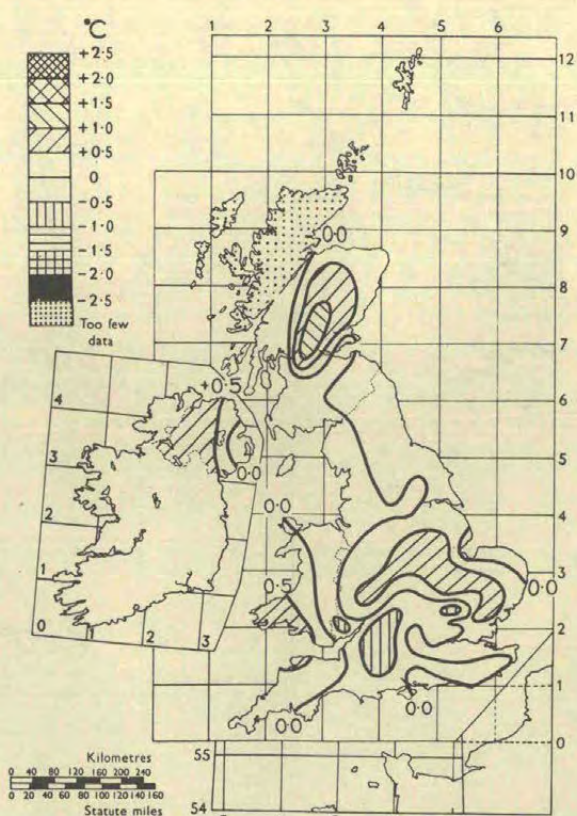


MEAN AIR TEMPERATURE

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.

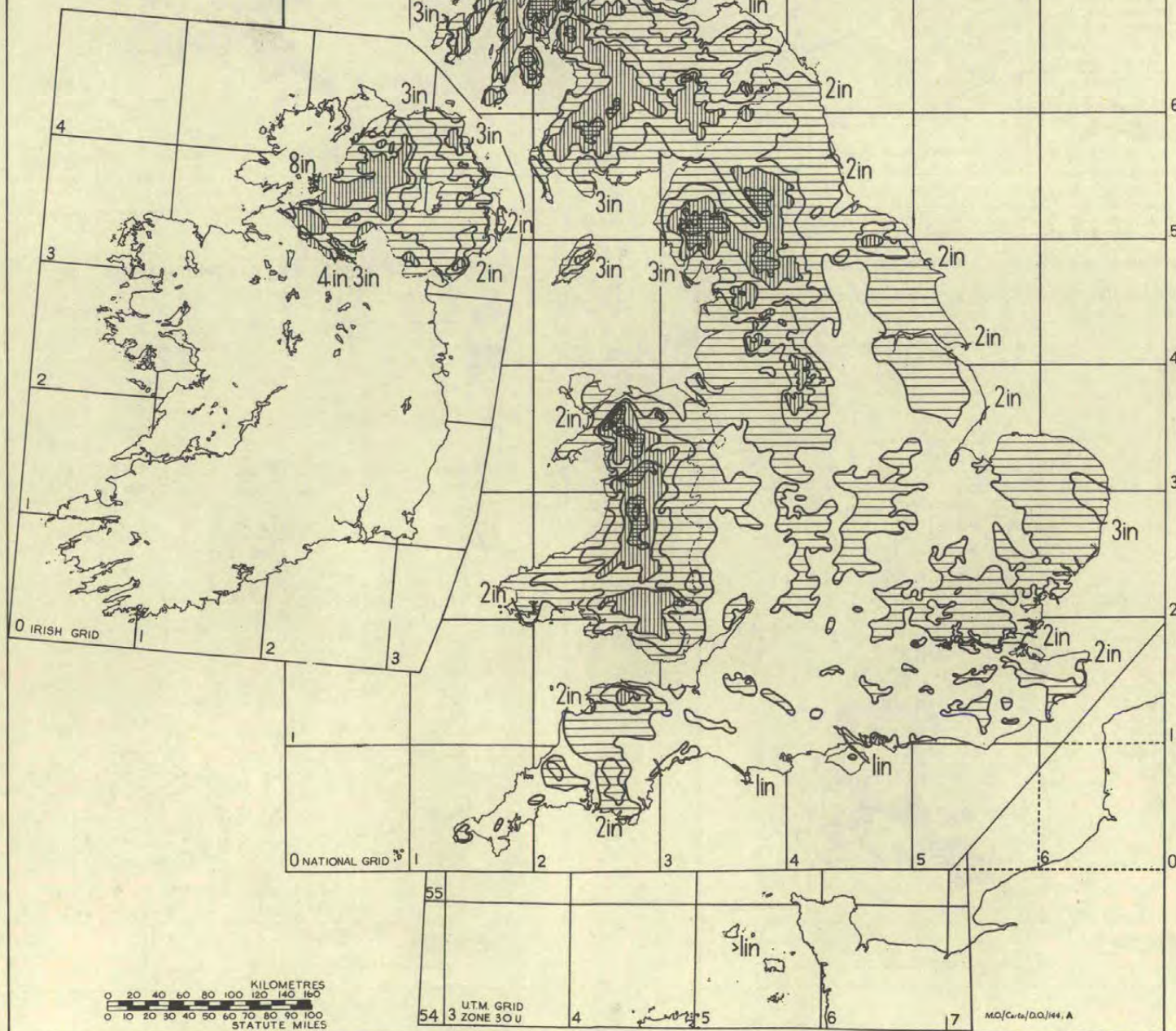
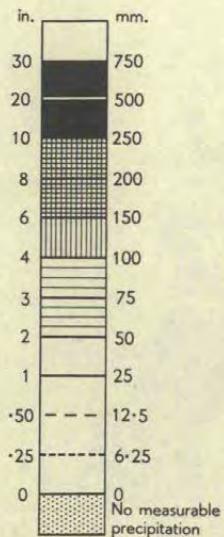


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER APRIL, 1965

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		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		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	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				G.M.T.	ft.			°C.	°C.	°C.	°C.	°C.	°C.																°C.	°C.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
0	SCOTLAND, N.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

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.	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	-0.4in. (1.0mm.) or more														
			Max.	Min.		Max.	Date	Min.	Date						Amount	Date														
G.M.T.			ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%		
1 SCOTLAND, E.—cont.																														
Midlothian	Davidson's Mains	9 9	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	9 9	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	9 9	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	9 9	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	1	13	1	5.97	123
	„ Royal Bot. Gdns.	9 9	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	9 9	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	9 9	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	9 9	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	9 9	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	9 9	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
	Whitchester	9 9	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	9 9	245	9.7	4.2	6.9	-	14.2	15	-0.2	1	-	-	-	-	-	-	0	0	1	0	1	0	1	1	2	7	-	-	-
Peebles	Stanhope Farm	9 9	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	9 9	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	9 9	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	9	13	0	-	-
	Glentworth	9 9	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	1	8	-	0	-	-
Selkirk	Bowhill	9 9	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	9 9	560	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	9 9	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	9 9	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	-	-	-	-
	Tobermory	9 9	270																											
	Craighouse	9 9	10	11.7	4.4	8.1	-	15.6	30	1.1	6	-	-	4.98	-	.75	16	18	17	-	0	-	-	-	1	0	2	-	-	-
	Machrihanish	9 9	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	9 9	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	-
	Achaglachgach	9 9	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	9 9	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	9 9	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.	9 9	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.*	9 9	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	Rothesay	9 9	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	9 9	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	9 9	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	-	-
	Helensburgh	9 9	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	9 9	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	9 9	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	9 9	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	9 9	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	9 9	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	9 9	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	9 9	97	11.4	3.5	7.5	-	16.1	30	-1.7	2, 21	-	-	3.05	116	.57	9	19	15	3										

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				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	1 ft.			4 ft.	0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) or more												0.01 in. (0.2mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				°C.	°C.		°C.	°C.	°C.	°C.		°C.	°C.			in.	%	in.												Amount	Date	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.

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				Highest Maximum and Lowest Minimum						Total Fall		Percentage of Average	Most in a day	Number of days										Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																							
				A Max.	B Min.	Mean Temperature of A and B	Difference from Average	Maximum	Date	Minimum	Date	1 ft.	4 ft.	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																																																																																																																																																																																																																																																																																											
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more

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			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 Mean of A and B	Maximum	Date			Minimum	Date	Amount	Date													-0.1in (0.2mm) or more	-0.4in (1.0mm) or more		
				G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	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	-	0	-	-	-	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	-	0	-	-	-	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	-	0	-	-	-	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	0	1	0	-	0	5.93	107	
	Penketh ...	9 9	50	12.4	3.3	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	-	0	-	-	-	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	-	0	-	-	-	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	-	0	-	-	-	2	5	11	-	4.37	- S	
	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	-	0	-	-	-	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	1100	9.8	0.9	5.3	-	17.2	1	-6.1	22	-	-	3.63	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	-	-	-	0	4	-	-	4.62	-	
	Loggerheads ...	9 9	690	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	1267	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	12	1	-	-	
	Cwm Dyli ...	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	
Merioneth	Llandudno ...	9 9	13	-	-	-	-	-	-	-	-	-	-	6.54	-	2.50	9	20	19	-	-	-	-	-	-	-	-	-	-	-	
	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	-	0	-	-	-	3	2	-	-	-	- S	
	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	-	-	- S	
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																									

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL, 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	10-44 yd.	45-810 yd.	820-1,000 yd.	1,100-2,100 yd.	2,200-4,900 yd.	5-6 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																														0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL, 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.	2,200-4,300 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS APRIL, 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.	45-80 yd.	81-100 yd.	101-150 yd.	151-200 yd.	201-250 yd.	251-300 yd.	301-350 yd.	351-400 yd.	401-450 yd.	451-500 yd.	501-550 yd.	551-600 yd.	601-650 yd.	651-700 yd.	701-750 yd.	751-800 yd.	801-850 yd.	851-900 yd.	901-950 yd.	951-1000 yd.	1001-1050 yd.	1051-1100 yd.	1101-1150 yd.	1151-1200 yd.	1201-1250 yd.	1251-1300 yd.	1301-1350 yd.	1351-1400 yd.	1401-1450 yd.	1451-1500 yd.	1501-1550 yd.	1551-1600 yd.	1601-1650 yd.	1651-1700 yd.	1701-1750 yd.	1751-1800 yd.	1801-1850 yd.	1851-1900 yd.	1901-1950 yd.	1951-2000 yd.	2001-2050 yd.	2051-2100 yd.	2101-2150 yd.	2151-2200 yd.	2201-2250 yd.	2251-2300 yd.	2301-2350 yd.	2351-2400 yd.	2401-2450 yd.	2451-2500 yd.	2501-2550 yd.	2551-2600 yd.	2601-2650 yd.	2651-2700 yd.	2701-2750 yd.	2751-2800 yd.	2801-2850 yd.	2851-2900 yd.	2901-2950 yd.	2951-3000 yd.	3001-3050 yd.	3051-3100 yd.	3101-3150 yd.	3151-3200 yd.	3201-3250 yd.	3251-3300 yd.	3301-3350 yd.	3351-3400 yd.	3401-3450 yd.	3451-3500 yd.	3501-3550 yd.	3551-3600 yd.	3601-3650 yd.	3651-3700 yd.	3701-3750 yd.	3751-3800 yd.	3801-3850 yd.	3851-3900 yd.	3901-3950 yd.	3951-4000 yd.	4001-4050 yd.	4051-4100 yd.	4101-4150 yd.	4151-4200 yd.	4201-4250 yd.	4251-4300 yd.	4301-4350 yd.	4351-4400 yd.	4401-4450 yd.	4451-4500 yd.	4501-4550 yd.	4551-4600 yd.	4601-4650 yd.	4651-4700 yd.	4701-4750 yd.	4751-4800 yd.	4801-4850 yd.	4851-4900 yd.	4901-4950 yd.	4951-5000 yd.	5001-5050 yd.	5051-5100 yd.	5101-5150 yd.	5151-5200 yd.	5201-5250 yd.	5251-5300 yd.	5301-5350 yd.	5351-5400 yd.	5401-5450 yd.	5451-5500 yd.	5501-5550 yd.	5551-5600 yd.	5601-5650 yd.	5651-5700 yd.	5701-5750 yd.	5751-5800 yd.	5801-5850 yd.	5851-5900 yd.	5901-5950 yd.	5951-6000 yd.	6001-6050 yd.	6051-6100 yd.	6101-6150 yd.	6151-6200 yd.	6201-6250 yd.	6251-6300 yd.	6301-6350 yd.	6351-6400 yd.	6401-6450 yd.	6451-6500 yd.	6501-6550 yd.	6551-6600 yd.	6601-6650 yd.	6651-6700 yd.	6701-6750 yd.	6751-6800 yd.	6801-6850 yd.	6851-6900 yd.	6901-6950 yd.	6951-7000 yd.	7001-7050 yd.	7051-7100 yd.	7101-7150 yd.	7151-7200 yd.	7201-7250 yd.	7251-7300 yd.	7301-7350 yd.	7351-7400 yd.	7401-7450 yd.	7451-7500 yd.	7501-7550 yd.	7551-7600 yd.	7601-7650 yd.	7651-7700 yd.	7701-7750 yd.	7751-7800 yd.	7801-7850 yd.	7851-7900 yd.	7901-7950 yd.	7951-8000 yd.	8001-8050 yd.	8051-8100 yd.	8101-8150 yd.	8151-8200 yd.	8201-8250 yd.	8251-8300 yd.	8301-8350 yd.	8351-8400 yd.	8401-8450 yd.	8451-8500 yd.	8501-8550 yd.	8551-8600 yd.	8601-8650 yd.	8651-8700 yd.	8701-8750 yd.	8751-8800 yd.	8801-8850 yd.	8851-8900 yd.	8901-8950 yd.	8951-9000 yd.	9001-9050 yd.	9051-9100 yd.	9101-9150 yd.	9151-9200 yd.	9201-9250 yd.	9251-9300 yd.	9301-9350 yd.	9351-9400 yd.	9401-9450 yd.	9451-9500 yd.	9501-9550 yd.	9551-9600 yd.	9601-9650 yd.	9651-9700 yd.	9701-9750 yd.	9751-9800 yd.	9801-9850 yd.	9851-9900 yd.	9901-9950 yd.	9951-10000 yd.	10001-10050 yd.	10051-10100 yd.	10101-10150 yd.	10151-10200 yd.	10201-10250 yd.	10251-10300 yd.	10301-10350 yd.	10351-10400 yd.	10401-10450 yd.	10451-10500 yd.	10501-10550 yd.	10551-10600 yd.	10601-10650 yd.	10651-10700 yd.	10701-10750 yd.	10751-10800 yd.	10801-10850 yd.	10851-10900 yd.	10901-10950 yd.	10951-11000 yd.	11001-11050 yd.	11051-11100 yd.	11101-11150 yd.	11151-11200 yd.	11201-11250 yd.	11251-11300 yd.	11301-11350 yd.	11351-11400 yd.	11401-11450 yd.	11451-11500 yd.	11501-11550 yd.	11551-11600 yd.	11601-11650 yd.	11651-11700 yd.	11701-11750 yd.	11751-11800 yd.	11801-11850 yd.	11851-11900 yd.	11901-11950 yd.	11951-12000 yd.	12001-12050 yd.	12051-12100 yd.	12101-12150 yd.	12151-12200 yd.	12201-12250 yd.	12251-12300 yd.	12301-12350 yd.	12351-12400 yd.	12401-12450 yd.	12451-12500 yd.	12501-12550 yd.	12551-12600 yd.	12601-12650 yd.	12651-12700 yd.	12701-12750 yd.	12751-12800 yd.	12801-12850 yd.	12851-12900 yd.	12901-12950 yd.	12951-13000 yd.	13001-13050 yd.	13051-13100 yd.	13101-13150 yd.	13151-13200 yd.	13201-13250 yd.	13251-13300 yd.	13301-13350 yd.	13351-13400 yd.	13401-13450 yd.	13451-13500 yd.	13501-13550 yd.	13551-13600 yd.	13601-13650 yd.	13651-13700 yd.	13701-13750 yd.	13751-13800 yd.	13801-13850 yd.	13851-13900 yd.	13901-13950 yd.	13951-14000 yd.	14001-14050 yd.	14051-14100 yd.	14101-14150 yd.	14151-14200 yd.	14201-14250 yd.	14251-14300 yd.	14301-14350 yd.	14351-14400 yd.	14401-14450 yd.	14451-14500 yd.	14501-14550 yd.	14551-14600 yd.	14601-14650 yd.	14651-14700 yd.	14701-14750 yd.	14751-14800 yd.	14801-14850 yd.	14851-14900 yd.	14901-14950 yd.	14951-15000 yd.	15001-15050 yd.	15051-15100 yd.	15101-15150 yd.	15151-15200 yd.	15201-15250 yd.	15251-15300 yd.	15301-15350 yd.	15351-15400 yd.	15401-15450 yd.	15451-15500 yd.	15501-15550 yd.	15551-15600 yd.	15601-15650 yd.	15651-15700 yd.	15701-15750 yd.	15751-15800 yd.	15801-15850 yd.	15851-15900 yd.	15901-15950 yd.	15951-16000 yd.	16001-16050 yd.	16051-16100 yd.	16101-16150 yd.	16151-16200 yd.	16201-16250 yd.	16251-16300 yd.	16301-16350 yd.	16351-16400 yd.	16401-16450 yd.	16451-16500 yd.	16501-16550 yd.	16551-16600 yd.	16601-16650 yd.	16651-16700 yd.	16701-16750 yd.	16751-16800 yd.	16801-16850 yd.	16851-16900 yd.	16901-16950 yd.	16951-17000 yd.	17001-17050 yd.	17051-17100 yd.	17101-17150 yd.	17151-17200 yd.	17201-17250 yd.	17251-17300 yd.	17301-17350 yd.	17351-17400 yd.	17401-17450 yd.	17451-17500 yd.	17501-17550 yd.	17551-17600 yd.	17601-17650 yd.	17651-17700 yd.	17701-17750 yd.	17751-17800 yd.	17801-17850 yd.	17851-17900 yd.	17901-17950 yd.	17951-18000 yd.	18001-18050 yd.	18051-18100 yd.	18101-18150 yd.	18151-18200 yd.	18201-18250 yd.	18251-18300 yd.	18301-18350 yd.	18351-18400 yd.	18401-18450 yd.	18451-18500 yd.	18501-18550 yd.	18551-18600 yd.	18601-18650 yd.	18651-18700 yd.	18701-18750 yd.	18751-18800 yd.	18801-18850 yd.	18851-18900 yd.	18901-18950 yd.	18951-19000 yd.	19001-19050 yd.	19051-19100 yd.	19101-19150 yd.	19151-19200 yd.	19201-19250 yd.	19251-19300 yd.	19301-19350 yd.	19351-19400 yd.	19401-19450 yd.	19451-19500 yd.	19501-19550 yd.	19551-19600 yd.	19601-19650 yd.	19651-19700 yd.	19701-19750 yd.	19751-19800 yd.	19801-19850 yd.	19851-19900 yd.	19901-19950 yd.	19951-20000 yd.	20001-20050 yd.	20051-20100 yd.	20101-20150 yd.	20151-20200 yd.	20201-20250 yd.	20251-20300 yd.	20301-20350 yd.	20351-20400 yd.	20401-20450 yd.	20451-20500 yd.	20501-20550 yd.	20551-20600 yd.	20601-20650 yd.	20651-20700 yd.	20701-20750 yd.	20751-20800 yd.	20801-20850 yd.	20851-20900 yd.	20901-20950 yd.	20951-21000 yd.	21001-21050 yd.	21051-21100 yd.	21101-21150 yd.	21151-21200 yd.	21201-21250 yd.	21251-21300 yd.	21301-21350 yd.	21351-21400 yd.	21401-21450 yd.	21451-21500 yd.	21501-21550 yd.	21551-21600 yd.	21601-21650 yd.	21651-21700 yd.	21701-21750 yd.	21751-21800 yd.	21801-21850 yd.	21851-21900 yd.	21901-21950 yd.	21951-22000 yd.	22001-22050 yd.	22051-22100 yd.	22101-22150 yd.	22151-22200 yd.	22201-22250 yd.	22251-22300 yd.	22301-22350 yd.	22351-22400 yd.	22401-22450 yd.	22451-22500 yd.	22501-22550 yd.	22551-22600 yd.	22601-22650 yd.	22651-22700 yd.	22701-22750 yd.	22751-22800 yd.	22801-22850 yd.	22851-22900 yd.	22901-22950 yd.	22951-23000 yd.	23001-23050 yd.	23051-23100 yd.	23101-23150 yd.	23151-23200 yd.	23201-23250 yd.	23251-23300 yd.	23301-23350 yd.	23351-23400 yd.	23401-23450 yd.	23451-23500 yd.	23501-23550 yd.	23551-23600 yd.	23601-23650 yd.	23651-23700 yd.	23701-23750 yd.	23751-23800 yd.	23801-23850 yd.	23851-23900 yd.	23901-23950 yd.	23951-24000 yd.	24001-24050 yd.	24051-24100 yd.	24101-24150 yd.	24151-24200 yd.	24201-24250 yd.	24251-24300 yd.	24301-24350 yd.	24351-24400 yd.	24401-24450 yd.	24451-24500 yd.	24501-24550 yd.	24551-24600 yd.	24601-24650 yd.	24651-24700 yd.	24701-24750 yd.	24751-24800 yd.	24801-24850 yd.	24851-24900 yd.	24901-24950 yd.	24951-25000 yd.	25001-25050 yd.	25051-25100 yd.	25101-25150 yd.	25151-25200 yd.	25201-25250 yd.	25251-25300 yd.	25301-25350 yd.	25351-25400 yd.	25401-25450 yd.	25451-25500 yd.	25501-25550 yd.	25551-25600 yd.	25601-25650 yd.	25651-25700 yd.	25701-25750 yd.	25751-25800 yd.	25801-25850 yd.	25851-25900 yd.	25901-25950 yd.	25951-26000 yd.	26001-26050 yd.	26051-26100 yd.	26101-26150 yd.	26151-26200 yd.	26201-26250 yd.	26251-26300 yd.	26301-26350 yd.	26351-26400 yd.	26401-26450 yd.	26451-26500 yd.	26501-26550 yd.	26551-26600 yd.	26601-26650 yd.	26651-26700 yd.	26701-26750 yd.	26751-26800 yd.	26801-26850 yd.	26851-26900 yd.	26901-26950 yd.	26951-27000 yd.	27001-27050 yd.	27051-27100 yd.	27101-27150 yd.	27151-27200 yd.	27201-27250 yd.	27251-27300 yd.	27301-27350 yd.	27351-27400 yd.	27401-27450 yd.	27451-27500 yd.	27501-27550 yd.	27551-27600 yd.	27601-27650 yd.	27651-27700 yd.	27701-27750 yd.	27751-27800 yd.	27801-27850 yd.	27851-27900 yd.	27901-27950 yd.	27951-28000 yd.	28001-28050 yd.	28051-28100 yd.	28101-28150 yd.	28151-28200 yd.	28201-28250 yd.	28251-28300 yd.	28301-28350 yd.	28351-28400 yd.	28401-28450 yd.	28451-28500 yd.	28501-28550 yd.	28551-28600 yd.	28601-28650 yd.	28651-28700 yd.	28701-28750 yd.	28751-28800 yd.	28801-28850 yd.	28851-28900 yd.	28901-28950 yd.	28951-29000 yd.	29001-29050 yd.	29051-29100 yd.	29101-29150 yd.	29151-29200 yd.	29201-29250 yd.	29251-29300 yd.	29301-29350 yd.	29351-29400 yd.	29401-29450 yd.	29451-29500 yd.	29501-29550 yd.	29551-29600 yd.	29601-29650 yd.	2965

H See Notes on Tables in the Introduction.

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 ...	590	29	31	8	324.9	30	305	30	31	8	195.8	30	680	29	40	8	363.2	30
Eskdalemuir Observatory ...	654	21	82	14	362.7	30	274	17	82	14	202.9	30	778	21	127	14	440.4	30
Cambridge ...	555	30	137	17	326.9	30	284	23	125	17	213.4	30	-	-	-	-	-	-
London (High Holborn) ...																		
Kew Observatory ...	551	18	120	4	339.8	30	268	30	89	4	188.8	30	651	18	140	4	369.5	30
Aberporth ...	625	21	132	9	429.0	30	309	24	111	1	214.4	30	-	-	-	-	-	-
Bracknell (Easthamstead) ...	454	1	146	4	318.3	30	282	29	113	4	199.5	30	559	13	194	4	395.5	30

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

STATION	MAXIMUM TEMPERATURE °C.								STATION	MAXIMUM TEMPERATURE °C.							
	0° or less	0° 1' to 5°	5° 1' to 10°	10° 1' to 15°	15° 1' to 20°	20° 1' to 25°	25° 1' to 30°	Above 30°		0° or less	0° 1' to 5°	5° 1' to 10°	10° 1' to 15°	15° 1' to 20°	20° 1' to 25°	25° 1' to 30°	Above 30°
Lerwick Observatory	0	0	27	3	0	0	0	0	0	0	0	11	17	2	0	0	0
Stornoway	0	0	16	14	0	0	0	0	0	0	0	4	19	7	0	0	0
Craibstone	0	0	14	15	1	0	0	0	0	0	0	9	21	0	0	0	0
Rothsay	0	0	10	19	1	0	0	0	0	0	0	3	18	9	0	0	0
Renfrew	0	0	4	23	3	0	0	0	0	0	0	8	19	3	0	0	0
Eskdalemuir Observatory	0	0	11	17	2	0	0	0	1	8	18	3	0	0	0	0	0
Douglas	0	0	14	16	0	0	0	0	0	0	17	13	0	0	0	0	0
Cockle Park	0	0	12	15	3	0	0	0	0	6	21	3	0	0	0	0	0
Gorleston	0	2	12	15	1	0	0	0	0	0	16	14	0	0	0	0	0
Cambridge	0	0	5	17	8	0	0	0	0	3	18	9	0	0	0	0	0
Edgbaston	0	0	0	11	17	2	0	0	0	0	0	11	17	2	0	0	0
Kew Observatory	0	0	0	4	19	7	0	0	0	0	0	4	19	7	0	0	0
Hastings	0	0	0	9	21	0	0	0	0	0	0	9	21	0	0	0	0
Southampton	0	0	0	3	18	9	0	0	0	0	0	3	18	9	0	0	0
Stonyhurst	0	0	0	8	19	3	0	0	0	0	0	8	19	3	0	0	0
Bidston	0	0	0	14	15	1	0	0	0	0	0	14	15	1	0	0	0
Valley	0	0	0	4	24	2	0	0	0	0	0	4	24	2	0	0	0
Falmouth	0	0	0	1	29	0	0	0	0	0	0	1	29	0	0	0	0
Aldergrove	0	0	0	6	23	1	0	0	0	0	0	6	23	1	0	0	0
Armagh	0	0	0	4	22	4	0	0	0	0	0	4	22	4	0	0	0

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

[illegible]

TABLE III—ADDITIONS AND CORRECTIONS

[illegible]

TABLE IV—ADDITIONS AND CORRECTIONS

[illegible]

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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 5

Published by HER MAJESTY'S STATIONERY OFFICE

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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 1—DISTRICT VALUES— MAY,

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				
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	SUN-SHINE
	*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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

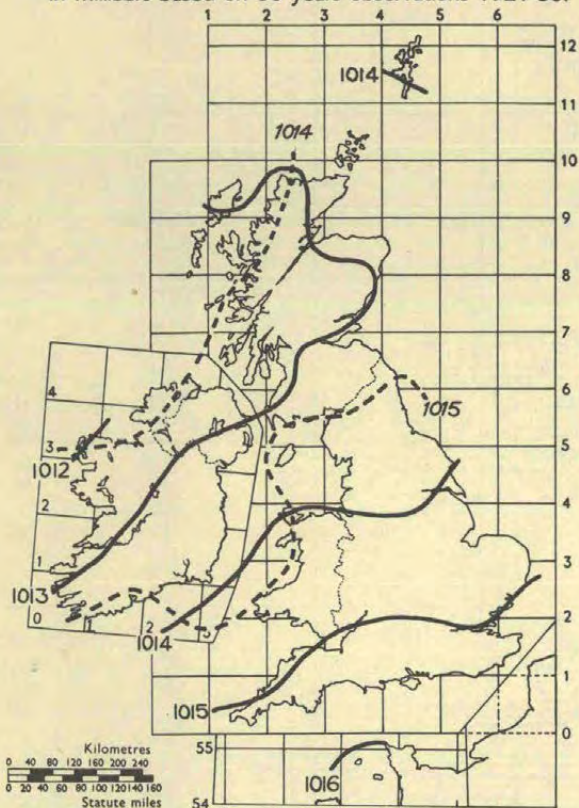
MAY, 1965

(1914)

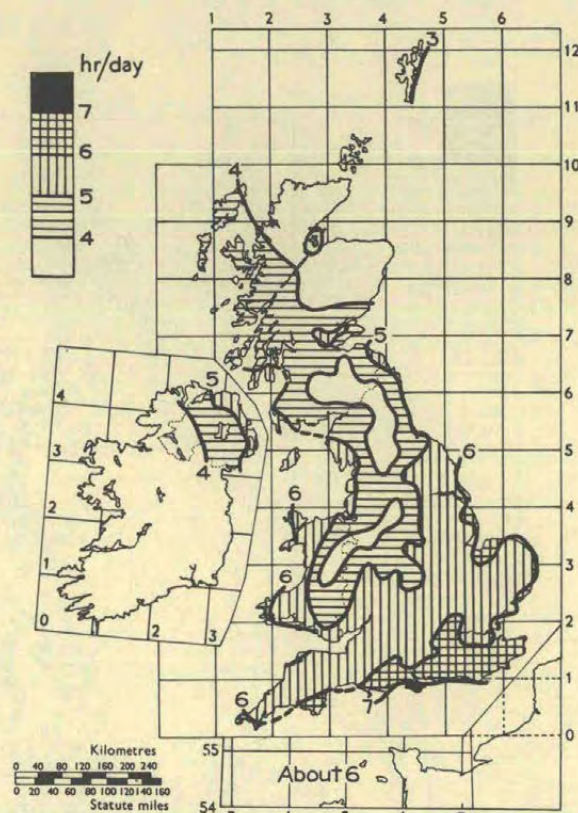
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities							
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest 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 &	Stornoway (Coastguard)	120	40	36	8	1	12	78	390	206	69	0	12.9	260	34	8	16	50	8	1405
	Cromarty	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
		Tunnel 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	-	0	1	3	118	379	244	0	6.1	260	24	8	17	59	8	1625
	Renfrew	Paisley	188	81	31	-	0	1	5	218	386	135	0	8.3	250	28	8	17	49	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	-	0	2	18	254	410	62	0	9.7	280	28	9	12	46	9	1215
	Lincoln	Cranwell	288	47	47	-	0	7	65	428	248	3	0	13.1	270	28	9	07	33	28	0630
3	Norfolk	Gorleston	54	43	43	-	0	1	4	102	394	244	0	6.0	250	25	9	06	47	9	0610
	Suffolk	Mildenhall	98	83	60	-	0	1	6	277	399	59	3	9.4	270	26	9	06	49	9	0545
	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	-	0	8	70	425	208	41	0	13.1	280	30	9	08	53	9	0800
		Shoeburyness	118	106	91	-	0	0	0	41	335	368	0	4.3	260	20	8	12	44	8	1305
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	135	565	44	0	7.7	240	18	9	04	43	9	0345
	Warwick	Edgbaston	643	118	73	-	0	3	10	264	411	59	0	9.5	280	27	9	05	41	9	0420
		Elmdon	343	31	31	-	0	0	0	109	487	148	0	6.8	210	16	9	04	36	9	0600
	Buckingham	Amersham	500	50	50	-	0	0	0	63	407	274	0	5.0	340	17	9	04	40	9	0250
	Stafford	Keele	706	50	33	-	0	2	6	316	306	116	0	9.3	230	27	9	03	42	9	0250
	Worcester	Pershore	154	33	33	-	0	0	0	213	447	79	5	8.2	280	21	9	08	40	9	0730
5	London	Kingsway	208	143	41	-	0	3	9	328	357	50	0	10.2	270	26	9	07	42	9	0355
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	1	3	228	381	132	0	8.0	280	22	9	08	40	9	0635
		Hampton	139	101	100	-	0	0	0	234	425	85	0	8.3	230	20	9	05	39	9	0435
	Surrey	Kew Observatory	92	75	50	-	0	1	1	185	413	145	0	7.4	220	22	9	05	35	9	0445
		Gatwick	232	38	33	-	0	0	0	164	358	222	0	6.7	230	20	9	06	35	9	0740
	Kent	Isle of Grain	48	40	33	-	0	8	100	334	247	62	0	12.6	240	34	4	16	47	4	1650
		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	-	0	2	2	252	320	170	0	8.2	250	23	9	05	41	9	0400
	Sussex	Thorney Island	75	65	42	-	0	2	2	292	346	104	0	9.4	250	22	9	04	37	9	0310
	Hampshire	Hurn	86	53	46	-	0	1	2	261	383	98	0	8.8	240	24	9	06	38	9	0715
		Calshot	50	41	33	-	0	0	0	216	366	162	0	7.8	250	21	9	05	42	9	0510
	Berkshire	S. Farnborough	318	69	35	-	0	0	0	229	400	115	0	8.2	020	21	29	09	39	9	0510
	Wiltshire	Abingdon	295	40	40	-	0	6	11	357	326	50	0	10.8	290	25	9	07	41	9	0530
		Larkhill	491	51	36	-	0	0	0	222	305	217</									

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.



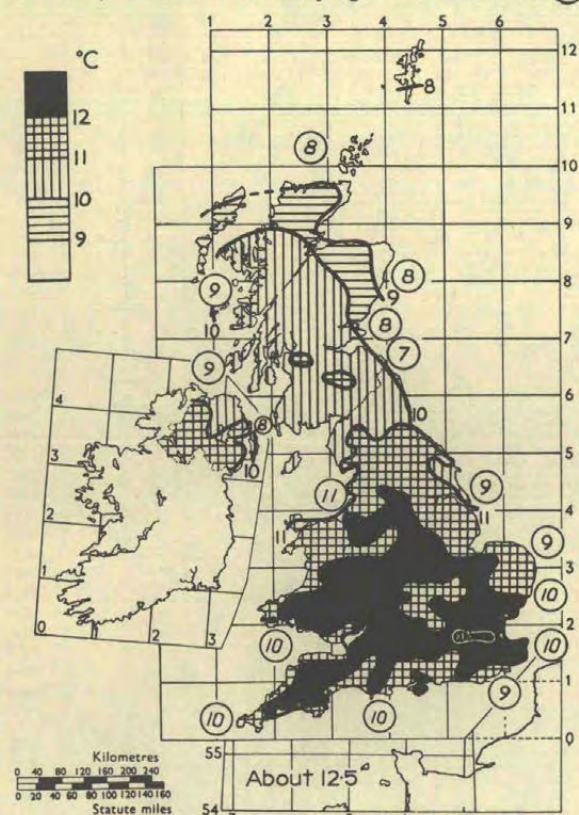
BRIGHT SUNSHINE



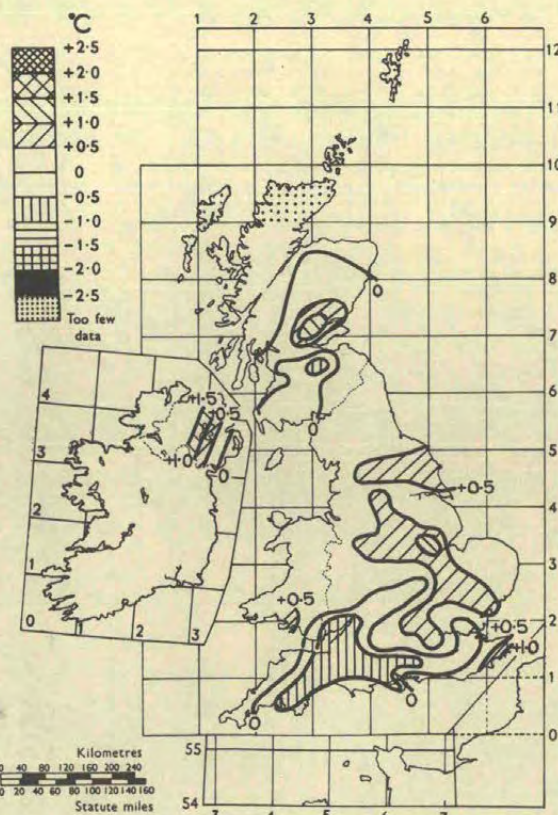
MEAN AIR TEMPERATURE

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.

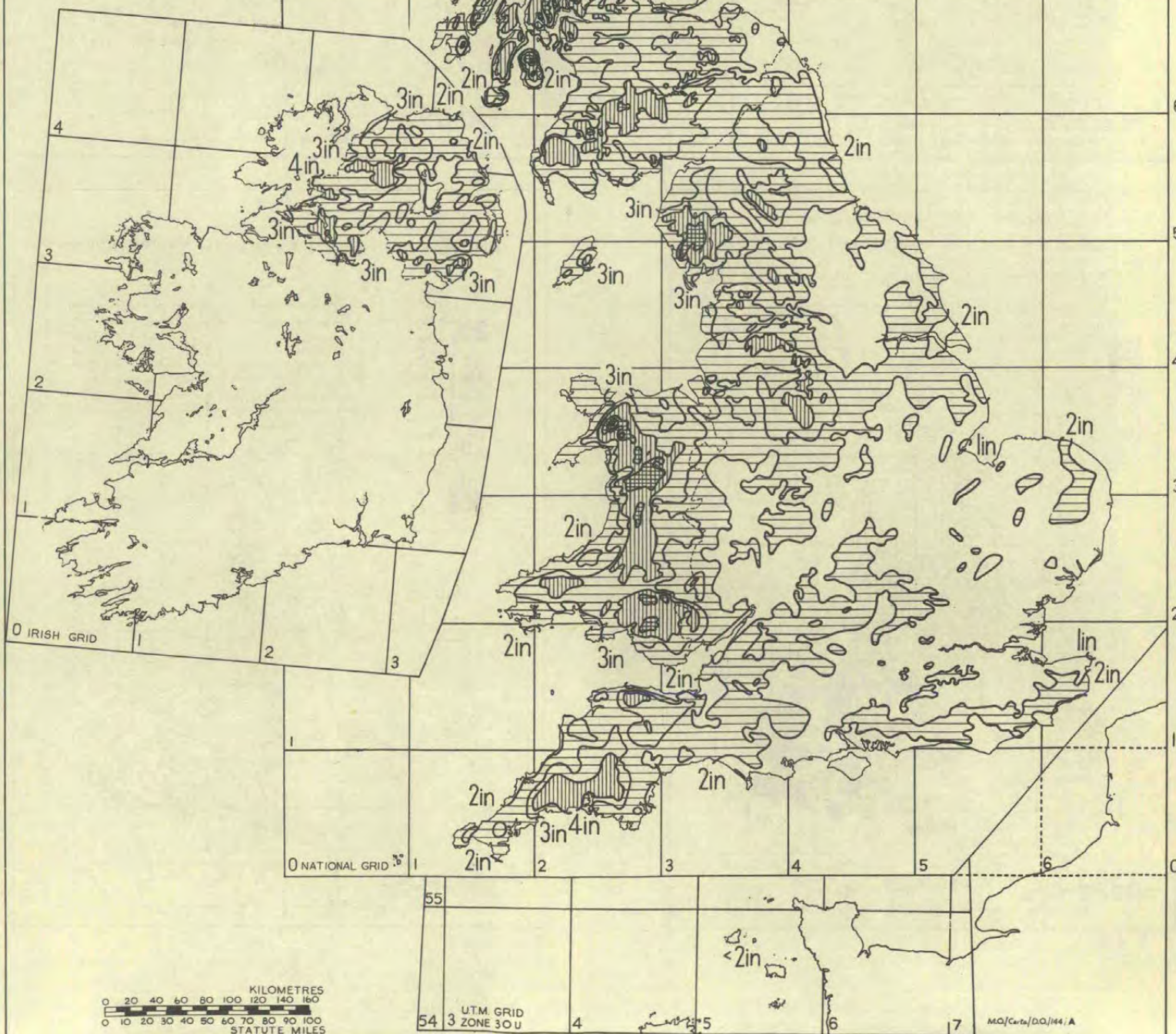
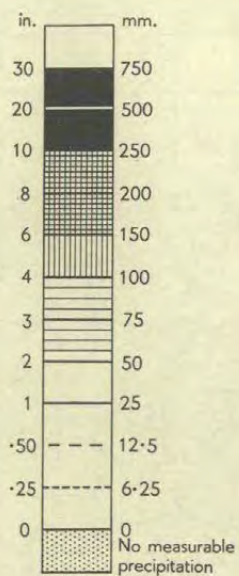


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER MAY, 1965

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 Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		Total Fall	Per-centage of Average	Most in a day	Precip'n	Number of days										Daily Mean	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				A Max.	B Min.		Mean Temperature	Maximum	Date	Minimum	Date	1 ft.					4 ft.	in.	%	in.	0-1in. (0-2mm.) or more	0-1in. (1-5mm.) 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

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

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 A Max. B Min.		Difference from Average Mean of A and B °	Highest Maximum and Lowest Minimum				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		
									Maximum	Date	Minimum	Date					1 ft.	4 ft.	Amount	Date														-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%					
1 SCOTLAND, E.—cont.																																			
Midlothian	Davidson's Mains	9 9	200	13.8	6.4	10.1	-0.1	23.8	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 ...	9 9	620	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 ...	9 9	605	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 §§	9 9	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	0	5	1	4.57	78	-				
	„ Royal Bot. Gdns.	9 9	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	0	7	0	4.65	79	-				
E. Lothian	Haddington ...	9 9	162	14.2	6.4	10.3	-	23.3	13	-1.1	19	-	-	1.81	87	.43	17,28	10	9	1	0	0	0	2	0	2	2	1	4.94	-	-				
	Dunbar ...	9 9	75	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	Merton ...	9 9	225	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 ...	9 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 §§	9 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	-	0	4.52	81	S				
	Whitchester	9 9	838	12.9	4.9	8.9	-	22.8	14	-1.1	19	-	-	1.74	72	.36	17	19	11	1	1	2	0	2	-	1	-	1	-	-	-				
	St. Abb's Head	9 9	245	11.7	6.8	9.3	-	21.0	13	2.2	18	-	-	-	-	-	-	-	-	1	0	0	0	0	3	0	0	1	-	-	-				
Peebles	Stanhope Farm	9 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 ...	9 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	3	0	2	4	0	4.00	-	-				
	West Linton ...	9 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	-	-	-				
	Glentress	9 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	-	-	-				
Selkirk	Bowhill	9 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	-	-	-				
Roxburgh	Wauchope	9 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	-	-	-				
	Sourhope	9 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	2	0	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	2	0	0	0	0	-	-	-				
	Colonsay ...	9 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	9 9	270																																
	Craighouse	9 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	-	-	-	-				
	Macbrithanish	9 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	9 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	5.68	-	-				
	Achaglachgach	9 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	9 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	9 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.	9 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.*	9 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 §§	9 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	9 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	-	0	-	-	-				
Dunbarton	Finnart	9 9	50	13.7	6.3	10.0	-	20.0	14	0.6	19	-	-	5.10	-	1.01	22	18	17	0	0	0	0	2	-	0	-	1	-	-	-				
	Helensburgh	9 9	293	13.8	6.4	10.1	-0.2	22.2	14	-0.6	19	-	-	4.26	120	.73	22	19	16	0	0	0	0	2	0	1	-	0	4.24	71	S				
	Cumbarnauld	9 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	-	0	-	-	-				
Stirling	Earls Hill	9 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 ...	9 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 ...	9 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	9 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	0	4.44	-	-				
	Paisley ...	9 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	9 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	3	0	-	-	-				
	Renfrew §§	21-9	26	14.7	7.2	10.9	+0.2	23.0	14	0.3	19	-	-	3.09	117	.50	16	17	15	0	0	1	0	2	0	0	2	0	4.77	80	-				
Lanark	Crossmyloof	9 9	75	14.8	7.1	10.9	-	24.4	14	-0.6	20	-	-	3.13	-	.36	14	16	14	2	0	0	0	2	0	1	2	0	4.83	-	-				
	Thorntonhall	9 9	453	13.6	6.0	9.8	-	23.3	14	-0.6	19	-	-	3.23	109	.62	16	16	14	1	0	0	0	0	-	2	8	0	-	-	-				
	Glasgow, Springburn	9 9	351	13.9	6.1	10.0	-0.6	23.3	14	1.1	19	-	-	3.35	124	.60	14	17	15	0	0	1	0	2	0	0	2	0	4.76	83	-				
	Coatbridge	9 9	256																																
	Happenden Station	21-9	675	13.2	4.9	9.1	-	22.5	14	-2.6	20	9.2	-	2.43	-	.34	23	19	15	2	0	0	0	1	0	2	9	2	3.96	-	-				
	Lowther Hill	21-9	2373	8.6	2.6	5.6	-	17.2	14	-3.3	18	-	-	-	-	-	-	-	-	2	-	0	0	3	15	3	-	6	3.45	-	-				
	Leadhills	9 9	1270	12.4	4.9	8.7	-	23.3	14	-4.4	19,20	-	-	4.69	118	.48	22	20	17	2	0	0	1	4	0	2	2	0	-	-	-				
	Lanark	9 9	500	14.3	6.3	10.3	-	25.0	14	0.0	19	-	-	2.25	-	.34	17	16	13	0	0	0	0	1	0	0	-	0	4.50	-	-				

*Younger Botanic Gardens

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			Total Fall			Percentage of Average	Most in a day	Precip'n	Number of days										Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				A Max.	B Min.			Maximum	Date	Minimum		Date	1 ft.				4 ft.	0.1 in. (2.5 mm.) or more	0.01 in. (0.25 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 1° below 0° C			Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.									hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
2 ENGLAND, N.E. cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						

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 of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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																		
				Max. Min.	ft.			°C.	°C.	°C.	°C.	°C.	°C.																°C.
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	-	.43	17	15	9	-	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	2	1	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	1	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	1	0	0	-	1	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	-	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	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	0	1	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	1	0	2	5	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	4	5.30	-	
Derby 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	1	0	1	3	5.14	90	
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	1	1	2	2	3.38	64	
Chapel en le Frith	9 9	732	-	-	-	-	-	-	-	-	-	-	3.86	-	1.33	8	18	15	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	-	-	-	-	0	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	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	2	0	1	1	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	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	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	2	7	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	1	3	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	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	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	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	3	6	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	3	5.19	-		
Leicester Newton 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	1	6	4.59	-	
Caldecott	9 9	175	16.4	6.4	11.4	-	26.1	14	-2.2	20	-	-	1.34	-	.25	2	18	12	-	-	-	-	0	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	1.38	70	.28	17	18	12	0	0	0	0	1	0	1	4	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	-	-
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	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	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	2	4	0	5.20	-	
Elmdon	21-9	319	15.9	7.1	11.5	-	25.6	14	-1.8	19	-	-	1.73	78	.24	8	16	12	0	0	0	0	2	0	2	4	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	1	0	0	2	5	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	0	-	-	-	-
Oxford Oxford	9 9	208	16.3	8.4	12.3	+0.8	27.2	14	2.8	19,20	13.2	10.9	2.50	123	.68	17	19	15	0	0	0	0	2	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	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	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	120	.59	8	16	13	0	0	1	0	2	0	2	0	4.02	-	
Oaken	9 9	409	16.0	-	-	-	25.6	14	-	-	11.0	-	-	-	.26	26	-	-	-	-	-	-	-	0	8	-	-	-	-
Stone	9 9	350	14.9	6.6	10.7	-	24.4	14	1.7	20	-	-	1.91	-	.41	8	14	13	0										

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

DISTRICT, COUNTY AND PLACE		Temporal Hours of Observation		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						Total Fall		Percentage of Average		Most in a day		Precip'n		Number of days											
																						A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Maximum	Date			Minimum	Date	1 ft.	4 ft.
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%					
5 ENGLAND, S.E.—cont.																																	
Surrey	Kew Observatory	21-9	18	17.0	9.1	13.1	+0.6	27.1	14	3.5	20	12.5	10.4	1.37	76	.26	17	19	9	0	0	1	0	0	3	0	6.12	96					
-cont.	Gatwick	21-9	192	16.2	6.5	11.3	-	26.3	14	-1.2	20	-	-	1.41	-	.23	4	15	10	0	0	0	0	1	0	2	4	0	6.23	-			
	Waddon	9 9	220	16.4	8.4	12.4	+0.2	27.2	14	1.7	20	-	-	1.75	92	.43	27	17	11	-	-	-	-	-	-	-	-	-	-	-			
	Addington	9 9	474	16.0	7.8	11.9	+0.2	26.7	14	1.7	19	-	-	1.78	89	.37	27	17	12	-	-	-	-	0	0	-	-	-	-	-			
Kent	Bromley	9 9	213	16.9	8.6	-2.7	+0.3	27.8	14	4.4	6, 21	-	-	1.48	80	.34	27	17	11	-	0	-	-	-	0	0	-	-	-	-			
	Swanley	9 9	177	16.7	7.3	12.0	-	27.2	14	0.6	20, 21	12.8	-	1.34	-	.24	26	14	9	0	0	0	0	1	0	0	3	0	5.44	-			
	Dartford	9 9	17	17.2	8.0	12.6	-	27.8	14	1.1	20	-	-	1.35	83	.28	26	15	9	0	0	0	0	0	0	-	0	-	-	-			
	West Malling	21-9	304	15.9	7.0	11.5	-	25.2	14	-0.1	20	-	-	1.45	-	.21	2	14	8	0	0	0	0	1	0	1	4	0	6.80	-			
	Goudhurst	9 9	280	16.4	6.6	11.5	-	26.7	14	-1.1	20	-	-	2.11	100	.43	2	15	9	0	0	1	0	0	0	2	8	0	-	-			
	East Malling	9 9	122	16.7	7.1	11.9	+0.4	26.1	14	-0.6	20, 21	12.8	10.8	1.29	67	.19	3	13	9	0	0	0	1	0	0	2	4	0	6.25	95			
	Gillingham	9 9	14	17.2	8.3	12.7	-	26.1	14	1.7	1	-	-	1.35	-	.39	26	14	9	0	0	0	0	0	0	-	0	5.79	-				
	Sittingbourne	9 9	224	16.2	7.6	11.9	-	25.0	14	0.6	1	11.9	10.1	1.22	68	.32	2	12	8	0	0	0	0	0	0	3	0	6.43	-				
	Isle of Grain	9 9	9	16.8	9.2	13.0	-	25.0	14	3.3	20	-	-	1.14	-	.36	26	12	7	0	0	0	0	0	0	0	0	5.96	-				
	Faversham	9 9	157	16.2	7.4	11.8	-	26.1	14	1.7	11	12.3	10.4	1.90	-	.32	2, 26	15	12	0	0	1	0	0	0	1	0	6.05	-				
	Dungeness	21-9	10	14.3	8.3	11.3	+0.1	19.0	15	2.4	19	-	-	1.43	87	.32	2	11	8	0	0	0	0	1	0	1	0	-	-	-			
	Wye	9 9	185	15.9	-	-	-	24.4	14	2.2	20, 21	-	-	2.08	99	.37	2, 18	14	10	0	0	1	0	0	0	2	0	6.18	91				
	Whitstable	9 9	9	16.4	8.6	12.5	-	26.7	14	2.8	21	-	-	1.69	117	.43	26	12	11	0	0	0	0	0	0	-	0	6.04	-				
	Folkstone	9 9	128	15.2	8.6	11.9	-	21.1	14	4.4	19	-	10.7	1.70	99	.37	27	14	11	0	0	0	0	0	1	0	0	1	6.71	-			
	Elmstone	9 9	28	16.5	7.3	11.9	-	26.7	14	0.6	21	-	-	1.96	-	.67	26	14	11	-	0	-	-	-	0	0	1	-	-	-			
	Herne Bay	9 9	21	16.7	9.4	13.1	-	27.2	14	5.0	21	-	-	1.59	103	.46	26	12	11	0	0	0	0	0	0	-	0	6.20	-				
	Dover	9 9	19	15.2	8.9	12.1	+0.3	21.1	14	4.4	21	13.2	11.3	2.00	115	.46	27	10	9	0	0	0	0	0	0	0	0	6.12	-				
	Deal	21-9	18	14.8	9.2	12.0	-	22.6	14	4.4	11	-	-	2.35	-	.80	26	14	12	0	0	0	0	1	1	0	0	-	-	-			
	Manston	21-9	145	15.4	8.0	11.7	-	24.4	14	2.4	21	-	-	1.64	-	.51	27	15	9	0	0	0	0	0	0	0	0	-	-	-			
	Ramsgate	9 9	80	14.8	9.3	12.1	-	21.1	14, 15	6.1	3, 6, 19	-	-	1.52	96	.37	26	12	10	0	0	1	0	0	1	0	-	0	6.71	-			
	Margate	9 9	51	15.3	9.9	12.6	+0.9	25.0	14	7.2	19, 20	12.9	10.9	.87	61	.17	2	14	8	0	0	0	0	0	0	0	0	6.55	91				
Sussex	Thorney Island	21-9	10	15.6	8.3	11.9	-	22.7	14	1.6	20	-	-	1.57	91	.42	4	13	9	0	0	0	0	0	0	0	1	0	6.65	-			
	Bognor Regis	9 9	24	14.1	8.6	11.3	-0.5	19.4	13	3.3	20	-	11.2	1.99	106	.42	4	14	12	0	0	0	0	0	0	0	0	6.59	93				
	Fernhurst	9 9	188	15.6	6.7	11.1	-	25.6	14	-0.6	20	12.2	-	1.90	84	.44	4	14	13	0	0	0	0	-	1	6	0	6.36	-				
	Littlehampton	9 9	15	14.7	8.4	11.5	+0.4	21.1	13	2.8	20	-	10.8	1.54	85	.42	3	13	9	0	0	0	0	0	2	0	0	6.98	96				
	Rustington	9 9	10	14.7	7.9	11.3	-	21.1	13	1.1	20	-	10.2	1.62	-	.94	4	13	10	-	-	-	-	-	0	2	-	6.20	-				
	Worthing	9 9	25	14.8	9.1	11.9	-0.2	20.6	14	3.9	20	12.7	10.7	1.66	101	.39	4	14	8	0	0	0	0	0	0	0	1	0	6.77	91			
	Brighton	9 9	32	14.7	9.3	12.0	-	21.1	13	3.3	20	-	11.7	1.71	106	.46	4	11	8	0	0	0	0	0	1	0	0	6.46	89				
	East Grinstead	9 9	400	16.1	6.3	11.2	-	26.7	14	0.0	20	13.0	10.1	(1.91)	-	.43	2	13	(12)	-	-	-	-	-	0	5	-	-	-	-			
	East Hoathly	21-9	130	15.4	6.8	11.1	-	23.9	14	-1.0	20	-	-	1.63	-	.36	2	15	8	0	0	0	0	1	0	1	5	0	6.49	-			
	Eastbourne	9 9	23	14.5	8.7	11.6	-0.4	21.7	14	3.9	19	13.2	11.4	1.81	105	.35	2, 4	14	9	0	0	0	0	1	1	0	0	6.89	92				
	Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Bexhill	9 9	12	14.6	8.8	11.7	-0.2	22.2	14	3.3	19	13.6	-	1.64	95	.45	2	13	9	0	0	0	0	1	1	0	1	0	6.73	95			
	Bodiam	9 9	73	16.4	6.9	11.7	-	25.6	14	-1.1	21	12.8	10.3	2.20	105	.46	2	14	8	0	0	0	0	1	0	2	2	0	5.83	-			
	Hastings	9 9	149	14.6	8.8	11.7	-0.2	21.7	14	3.3	19	13.9	11.7	2.03	117	.49	1	13	9	0	0	0	0	1	1	0	0	0	6.49	90			
Berkshire	Letcombe Regis	9 9	350	16.0	7.3	11.7	-	27.2	14	0.0	20	-	-	1.67	-	.20	24, 26	16	14	0	0	0	0	0	0	0	-	0	-	-	-		
	Abingdon	21-9	210	16.2	7.5	11.9	+0.2	26.9	14	0.7	20	-	-	2.29	121	.55	17	17	15	0	0	1	0	1	0	0	3	0	5.50	-			
	Compton	9 9	339	15.8	6.5	11.1	-	26.1	14	-1.1	20	(12.7)	-	1.77	-	.21	4	16	14	0	0	0	0	0	0	1	-	0	-	-	-		
	Wallingford	9 9	157	16.2	6.9	11.5	-	26.1	14	-1.1	20	12.2	9.9	1.27	-	.23	26	18	11	0	0	0	0	0	-	2	4	0	5.53	-			
	Shinfield	9 9	200	16.3	7.4	11.9	0.0	27.2	14	1.7	20	-	-	2.09	115	.47	26	18	10	-	0	-	-	-	0	0	4	-	4.86	-			
	Reading	9 9	148	16.6	8.2	12.4	0.0	27.2	14	2.8	20	13.3	11.3																				

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

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		Differ- ence from Average		Highest Maximum and Lowest Minimum						Total Fall		Per- cent- age of Average yr		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 + °C	Grass min. below 0° C	Gale	Daily Mean	Per- cent- age of Average								
										Maximum	Date	Minimum	Date																						1 ft.	4 ft.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more
		Max.	Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost + °C	Grass min. below 0° C	Gale	Daily Mean	Per- cent- age of Average												
7a ENGLAND, N.W.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost + °C	Grass min. below 0° C	Gale	Daily Mean	Per- cent- age of Average												
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	-	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	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	0	1	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	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	-	-	-	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	0	1	1	1	2	3	0	4.04	-												
	Nelson	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												
Rochdale	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	2	0	-	-													
Cheshire	Bidston Obs'y.	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												
	Winnington	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	-	-												
	Knutsford	9 9	212	16.3	7.6	11.9	-	26.7	14	0.6	19,20	12.1	9.8	3.36	141	1.14	8	16	13	-	0	-	-	-	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	-	-	-	-												
	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												
Anglesey	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	-	-	-	-												
	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	-	-	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	-	-	-	-												
Caernarvon	Ruthin	9 9	248	15.1	6.4	10.7	-	25.0	13,14	-2.2	20	-	-	2.58	-	.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	0	1	0	1	3	0	-	-												
	Bwlchwyn	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	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	-	-	-												
	Bardsey Island	21-9	61	12.8	8.6	10.7	-	18.5	12	4.2	20	-	-	1.46	-	.44	2	16	12	-	0	-	-	-	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	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	0	3	0	5.61	-												
	Cwm Dyli	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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- S												
Montgomery	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	-	-	-	- S											
	Ceirws	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	-1.7	19,20	-	-	2.16	91	.30	23	16	12	0	0																					

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 of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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	1 ft.	4 ft.															in.	%	in.	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)	in. (0.01 in. or more)

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 to 5	6	7	8	9	0-44 yd.	45-110 yd.	111-220 yd.	221-440 yd.	441-1,000 yd.	1,001-2,000 yd.	2,001-4,000 yd.	4,001-6,000 yd.	6,001-10,000 yd.	10,001-15,000 yd.	15,001-20,000 yd.	20,001-25,000 yd.	25 mi. or over	Beaufort Force						N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
0 SCOTLAND, N.				G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
Zetland	Lerwick Observatory	H	3	273	1014.0	-	5.6	0.4	8.6	94	7.1	0	1	2	10	14	4	0	4	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	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	0	2	0	0	1	5	6	11	6	0	2	20	9	0	6	3	8	9	3	0	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Orkney	Kirkwall ...	H	3	86	1013.4	-	6.7	0.5	9.1	92	6.6	0	3	3	10	14	1	0	0	1	0	2	3	12	3	5	5	0	1	15	15	0	6	1	6	7	3	1	5	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
			15	86	1013.6	-	8.8	1.4	9.2	81	6.8	1	0	4	10	16	0	0	0	1	0	1	9	7	7	6	0	4	18	9	0	5	4	5	8	3	0	1	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			21	86	1013.8	-	7.0	0.7	8.9	88	6.7	0	1	5	10	13	2	0	1	1	1	1	5	7	9	5	0	2	18	10	1	5	3	4	9	1	1	2	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Caithness	Wick ...	H	3	121	1013.1	-	6.6	0.5	9.1	92	6.3	1	4	1	12	10	3	0	1	2	0	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	0	17	14	0	6	2	4	9	1	0	3	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			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	3	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	7	8	2	0	2	13	14	2	4	1	6	9	1	0	2	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Sutherland	Cape Wrath ...	H	3	371	1012.1	-	7.6	1.2	8.8	84	6.7	0	1	6	7	15	2	0	2	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	0	2	0	2	3	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			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	4	7	12	0	4	6	19	2	4	3	12	3	0	2	1	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Ross & Cromarty	Stornoway	H	3	16	1012.9	-	7.3	0.6	9.5	92	5.8	2	4	3	11	11	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	1	8	8	11	3	0	2	12	17	0	3	5	4	5	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	7	15	4	5	0	0	11	19	1	8	5	5	4	2	0	4	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Inverness	Benbecula	H	3	21	1012.3	-	7.9	0.7	9.8	91	6.2	0	6	2	7	15	1	0	0	1	0	0	1	2	14	7	6	0	1	13	16	1	6	3	5	5	7	0	3	1																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			9	21	1012.4	-	10.1	1.5	10.0	81	6.4	0	1	5	16	9	0	0	0	0	0	1	5	9	9	7	0	4	15	12	0	2	4	5	2	9	2	1	6																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			15	21	1012.4	-	11.1	1.7	10.5	79	6.6	0	1	4	18	7	1	0	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE IV (continued)—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	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 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	8 or more	34 or more	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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G.M.T.			ft.	mb.	mb.	°C.	°C.	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

[illegible]

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

DISTRICT, COUNTY AND PLACE		Hour of Observation	ft.	mb.	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.	220-430 yd.	440-1,000 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.								
																																8 or more	7	6	5	4									3	2	1	0				
																																																	Speed in knots	1 to 3	4 to 6	7 to 10
G.M.T.			ft.	mb.	°C.	°C.	mb.	%	0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	7	6	5	4	3	2	1	0	N	N.E.	E	S.E.	S	S.W.	W	N.W.							
7a ENGLAND, N.W.		3	92	1013.7	-	7.6	0.8	9.4	89	6.0	1	2	6	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	18	9	2	3	6	3	2	1	4	1										
Cumberland Carlisle	H	9	92	1014.1	-	10.7	1.9	10.0	77	6.5	0	2	5	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	15	7	0	5	4	2	1	5	7	0									
		15	92	1013.7	-	13.4	3.1	10.2	67	6.6	0	0	7	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	21	2	1	2	4	2	2	3	14	1									
		21	92	1014.0	-	10.0	1.4	10.0	81	5.6	2	5	3	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	9	1	4	4	3	0	3	7	0									
		3	35	1013.0	-	7.5	0.6	10.2	92	6.5	0	2	4	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	15	3	2	2	5	7	2	2	4	4								
Lancashire Squires Gate	H	9	35	1013.7	-	11.8	1.8	10.9	79	5.9	0	4	7	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	11	0	3	4	5	5	2	8	2									
		15	35	1013.5	-	13.7	2.9	10.9	70	6.4	0	1	7	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	15	0	4	2	1	3	2	4	11	2								
		21	35	1013.6	-	10.3	0.7	10.6	85	6.1	0	3	7	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	18	4	1	4	6	1	3	2	4	6									
		3	85	1013.4	-	9.7	1.1	10.3	85	6.1	1	3	5	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	18	3	2	1	5	4	3	2	6	5								
Speke	H	9	85	1014.0	-	11.9	2.2	10.4	74	6.3	0	2	5	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	1	2	2	7	5	4	4	4	4								
		15	85	1013.7	-	14.6	3.5	10.5	64	6.0	0	2	7	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	14	1	4	1	0	4	7	4	5	5								
		21	85	1013.9	-	11.7	2.0	10.5	76	5.5	0	5	8	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	20	8	3	0	0	4	4	3	5	4									
		3	251	1013.3	-	9.1	1.4	9.6	82	5.9	2	3	6	7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	18	6	1	3	3	3	9	2	2	2								
Cheshire Ringway	H	9	251	1013.8	-	11.5	2.7	9.3	69	6.3	0	2	7	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	16	0	3	4	3	0	9	7	3	2								
		15	251	1013.3	-	14.3	4.3	9.0	57	6.2	0	2	5	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	14	1	2	3	1	3	6	5	6	4									
		21	251	1013.7	-	11.3	2.3	9.8	73	5.8	1	3	5	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	22	2	1	4	4	4	5	2	5	4									
		7b NORTH WALES		3	36	1013.4	-	8.9	0.6	10.5	92	6.4	1	3	2	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	15	8	3	0	3	2	2	5	7	4	3	2					
Anglesey Valley	H	9	36	1014.1	-0.9	11.6	1.5	11.2	82	6.2	0	2	8	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	17	8	0	3	2	1	3	11	7	2	2								
		15	36	1014.0	-	12.8	1.9	11.5	78	5.7	0	4	4	21	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	23	5	0	3	1	1	2	10	10	1	3								
		21	36	1014.0	-	10.0	0.8	11.0	89	6.1	1	3	5	12	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16	11	2	5	0	3	1	12	2	3	3								
		3	63	1013.7	-	9.1	0.2	11.2	96	5.6	4	2	6	2	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	18	5	6	0	3	5	6	3	1	2							
Caernarvon Bardsey I. L'e	H	9	63	1014.3	-	10.4	0.7	11.5	92	6.2	1	3	3	9	13	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	17	4	5	1	4	5	4	6	1	1								
		15	63	1014.4	-	11.8	1.0	12.2	88	6.0	0	2	8	9	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	21	0	7	0	1	4	7	9	2	1								
		21	63	1014.0	-	9.8	0.4	11.5	94	5.9	0	3	9	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	26	0	6	1	2	1	12	5	2	2								
		8a SOUTH WALES		3	382	1013.6	-	9.1	1.1	9.9	85	6.0	4	1	3	8	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	16	1	4	1	2	3	11	5	3	1						
Cardigan Aberporth	H	9	382	1014.2	-	11.0	1.9	10.1	77	6.1	0	4	3	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	20	8	2	3	2	1	4	9	4	3	3							
		15	382	1013.9	-	13.0	2.9	10.1	68	5.5	0	5	7	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21	8	0	7	1	1	3	8	4	4	3							
		21	382	1014.2	-	10.0	1.4	10.1	82	5.5	0	8	2	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	15	10	3	0	2	11	18	0	2	4	1	5	10	3	4	2		
		3	128	1014.0	-	9.6	0.7	10.8	90	5.6	5	1	4	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	16	4	5	0	5	3	7	2	2							
Pembroke Milford Haven C. Board	H	9	128	1014.4	-	11.1	1.4	11.0	83	5.5	3	3	5	11	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	13	2	3	3	7	2	4	7	3	0							
		15	128	1014.6	-	12.9	2.1	11.4	77	5.6	2	2	8	11	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	14	0	5	1	2	2	5	10	5	1							
		21	128	1014.3	-	10.4	1.0	11.1	87	5.6	2	4	7	5	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	14	11	3	0	0	8	20	3	7	0	3	3	3	6	5	1		
		3	123	1014.2	-	9.9	1.2	10.4	85	4.9	4	6	4	6	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	17	3	2	1	2	15	13	0	3	4	1	4	9	4		
Glamorgan Mumbles Head	H	9	123	1014.6	-	11.1	1.7	10.6	80	5.5	1	4	9	7	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	8																

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	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°	15·1° to 20·0°	20·1° to 25·0°	Above 30·0°			
Lerwick Observatory	0	0	25	6	0	0	0	0	0	0	0	0	11	20	0	0	0	0	0	0	0	0	0	3	23	5	0	0	0				
Stornoway	0	0	6	24	1	0	0	0	0	0	2	5	24	0	0	0	0	0	0	0	0	0	0	3	14	14	0	0	0				
Craibstone	0	0	12	16	2	1	0	0	0	0	0	0	12	19	0	0	0	0	0	0	0	0	0	2	21	8	0	0	0				
Rothsay	0	0	2	22	6	1	0	0	0	0	0	0	4	27	0	0	0	0	0	0	0	0	0	3	23	5	0	0	0				
Renfrew	0	0	1	16	12	2	0	0	0	0	0	0	6	22	3	0	0	0	0	0	0	0	0	1	5	23	2	0	0				
Eskdalemuir Observatory	0	0	4	22	3	2	0	0	0	0	2	13	16	0	0	0	0	0	0	0	0	0	0	2	25	4	0	0	0				
Douglas	0	0	2	26	3	0	0	0	0	0	0	0	4	26	1	0	0	0	0	0	0	0	0	0	4	24	3	0	0				
Cockle Park	0	0	7	17	5	2	0	0	0	0	0	0	10	19	2	0	0	0	0	0	0	0	0	5	25	1	0	0	0				
Gorleston	0	0	1	19	11	0	0	0	0	0	0	0	3	19	9	0	0	0	0	0	0	0	0	2	25	2	0	0	0				
Cambridge	0	0	0	9	18	3	1	0	0	0	0	0	6	21	4	0	0	0	0	0	0	0	0	1	4	22	4	0	0				
Edgbaston	0	0	2	15	10	2	0	0	0	0	0	0	2	15	10	2	0	0	0	0	0	0	0	3	23	5	0	0	0				
Kew Observatory	0	0	0	8	17	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	14	0	0	0				
Hastings	0	0	0	22	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	21	8	0	0	0				
Southampton	0	0	0	9	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	23	5	0	0	0				
Stonyhurst	0	0	2	18	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	23	2	0	0				
Bidston	0	0	2	18	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	25	4	0	0	0				
Valley	0	0	0	25	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	24	3	0	0				
Falmouth	9	9	1	21	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	25	1	0	0	0				
Aldergrove	0	0	0	19	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	25	2	0	0	0				
Armagh	0	0	0	17	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	22	4	0	0				

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MAY, 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 ...	714	23	60	4	326.1	31	383	23	59	4	241.7	31	818	23	74	4	387.5	31
Eskdalemuir Observatory ...	709	29	119	3	346.2	31	339	13	115	3	248.7	31	887	29	152	3	430.3	31
Cambridge ...	665	14	157	28	422.3	31	382	21	153	28	261.8	31	-	-	-	-	-	-
London (High Holborn) ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kew Observatory ...	750	23	140	28	461.7	31	393	23	140	28	249.8	31	776	12	171	30	493.1	31
Aberporth ...	821	19	132	8	485.8	31	400	30	132	8	276.2	31	-	-	-	-	-	-
Bracknell (Easthampstead) ...	719	13	127	28	426.4	31	413	21	115	28	249.0	31	896	12	149	28	522.6	31

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

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL.	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from Average					% of Average				
1963 Annual										
2 ENGLAND, N. E								+11		
1965 January										
1 SCOTLAND, E.										111
8 ENGLAND, S. W				-0.2	-0.4					
ENG and WALES				+0.1						

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				
1965 February										
1 SCOTLAND, E										60
SCOTLAND									39	78
8 ENGLAND, S. W				-1.3	-1.4					

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

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		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Per- cent- age of Average	Most in a day		Precip'n -0.1in.(0.5mm.) or more -0.01in.(1.0mm.) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Per- cent- age of Aver- age
				A Max.	B Min.		Mean Temperature Mean of A and B	Maximum	Date	Minimum		Date	Amount		Date													
		Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%	
1965		G.M.T.																										
January	Littlehampton																											
	Brighton																											
	Skegness																											
	Finchampstead																											
	Douglas																											
	Fernhurst																											
	Halesowen																											
	Aldenharn																											

TABLE IV—ADDITIONS AND CORRECTIONS

MONTH	STATION	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.	1,100-2,180 yd.	2,200-4,390 yd.	3-8 mi.	7-15 mi.	13-24 mi.	25 mi. or over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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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																		
October 1964						29												
High Holborn																		
March 1965	525	28	35	21	234.0	31	184	27	35	21	120.0	30	617	28	49	21	268.5	31

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Monthly Weather Report

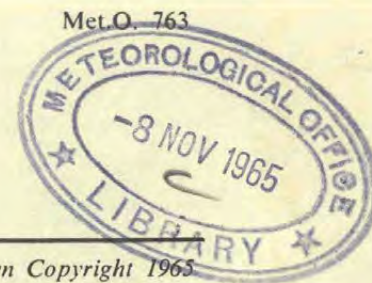
OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 6

Published by HER MAJESTY'S STATIONERY OFFICE

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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 Loughmore 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 1—DISTRICT VALUES—

JUNE.

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.	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, N.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	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from 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—

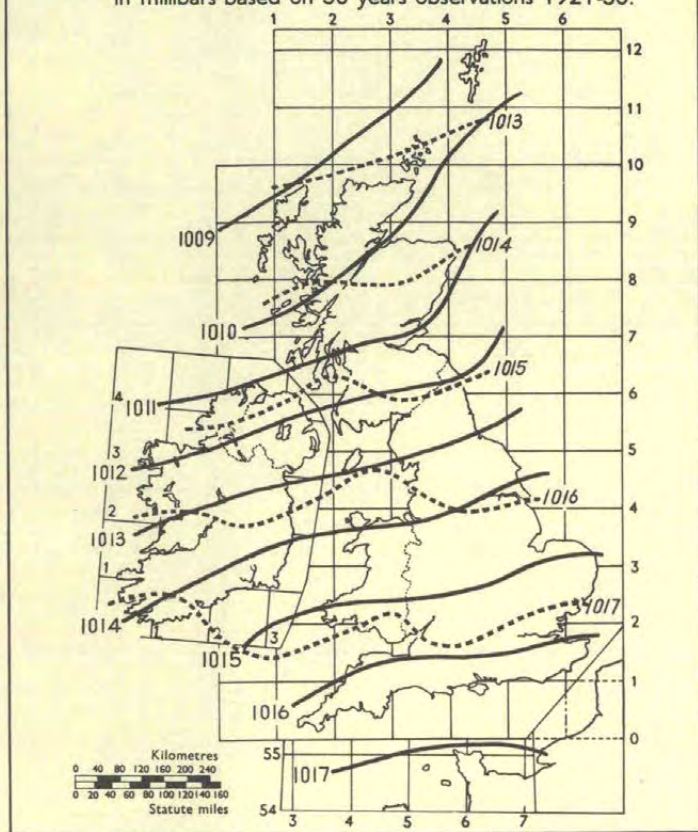
JUNE, 1965

(1914)

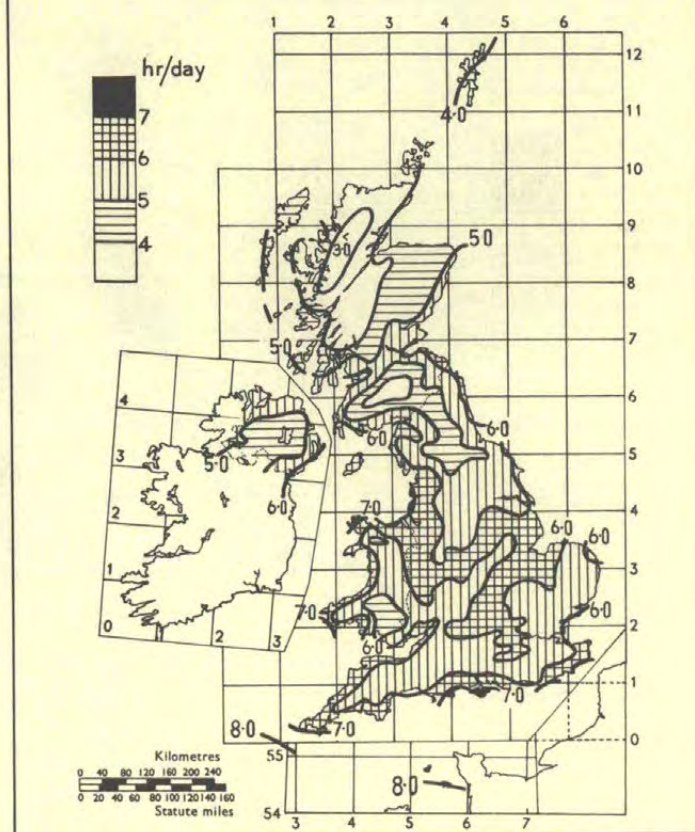
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities								
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust					
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N		Speed	Hour ended at	Speed	Day and Time					
																		hr.	hr.	hr.	hr.	hr.
		ft.	ft.	ft.								knots		knots	day hr.	knots	day	h.m.				
0	SCOTLAND																					
	Zetland	Lerwick Observatory	304	33	33	-	0	8	46	370	283	21	0	12.1	210	29	24	09	43	27	2325	
	Orkney	Kirkwall	134	50	33	-	0	6	38	333	319	30	0	11.7	250	29	28	04	40	23	1145	
	Caithness	Dounreay	110	39	30	23	4	11	27	363	262	64	0	11.8	160	37	23	12	54	23	1130	
	Sutherland	Shin	78	33	33	-	0	11	76	353	187	104	0	12.1	190	30	20	09	41	20	0815	
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	-	0	11	44	274	266	130	0	10.4	220	38	24	01	55	23	2325	
	Inverness	Duirinish	125	65	55	23, 24	6	11	44	274	266	130	0	11.9	250	31	24	04	50	24	0250	
		Benbecula	69	51	35	-	0	7	33	403	226	58	0	7.6	270	20	16	14	40	24	0420	
		Fort Augustus	189	53	53	-	0	0	0	212	278	224	6	10.9	240	35	24	06	53	24	0430	
	1	Moray	Kinloss	57	41	41	24	2	10	39	283	335	61	0	8.9	210	26	24	01	40	24	0010
	Lossiemouth	101	80	60	-	0	4	14	220	388	98	0	15.8	230	41	24	04	52	24	0145		
	Aberdeen	Dyce	234	30	30	-	0	15	158	344	151	44	0	10.6	220	37	24	02	53	23	2245	
	Angus	Bell Rock Lighthouse	128	131	124	16, 23, 24, 26, 28	23	15	45	292	254	125	0	6.5	(240)	20	23	24	(41)	16	1045	
	Perth	Rannoch	1006	56	57	23, 24	4	9	0	138	396	182	4	11.4	230	32	16	08	51	26	0850	
		Tummel Bridge	528	53	53	-	0	0	0	284	295	77	0	9.9	240	32	26	09	53	26	0750	
	Fife	Leuchars	78	40	40	-	0	8	48	226	351	95	0	11.8	180	39	16	03	64	16	0205	
	Midlothian	Turnhouse	137	40	33	-	0	11	91	247	235	137	0	13.1	220	36	23	23	59	23	2230	
		Edinburgh, Blackford Hill	496	50	34	16, 23, 24	10	11	91	247	235	137	0	6.9	180	28	23	15	48	23	1415	
6a	Argyll	Tiree	89	60	47	23, 24, 26	14	9	65	382	173	86	0	9.2	210	28	16	02	45	23	2240	
	Bute	Millport	50	34	34	-	0	6	24	210	376	110	0	16.6	280	46	26	09	63	26	0745	
	Renfrew	Paisley	188	81	31	-	0	2	3	159	342	216	0	9.1	130	25	23	07	44	23	0440	
		Renfrew	71	41	39	-	0	3	17	254	337	112	0	9.7	220	26	23	18	42	23	1720	
	Lanark	Lowther Hill	2412	43	33	15, 16, 19, 23-26	38	13	171	271	226	14	0	7.5	230	28	24	03	48	24	0215	
	Ayr	Prestwick Airport	68	33	33	-	0	6	23	259	338	100	0	9.4	190	28	23	08	44	23	0755	
	Dumfries	Chapelcross	310	50	50	-	0	7	37	147	285	247	4	7.3	250	32	18	12	46	18	1225	
		Eskdalemuir Observatory	825	50	35	-	0	7	37	147	285	247	4	6.6	240	21	18	09	38	18	0700	
		Wigtown	West Freugh	81	33	33	-	0	7	33	210	402	75	0	8.4	220	27	16	05	52	26	0825
						-	0	2	2	232	335	151	0	11.2	190	26	23	13	37	18	0835	
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.	Kilnsea	76	39	33	Ø	0	2	19	235	364	102	0	9.2	250	32	18	17	52	18	1415	
	Lincoln	Cranwell	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	Mildenhall	98	83	60	-	0	1	11	208	408	93	0	8.7	240	25	18	12	44	18	1240	
	Bedford	Bedford	322	42	30	-	0	1	11	208	408	93	0	10.9	230	37	18	14	57	18	1305	
		Cardington	226	133	133	18	4	7	51	263	312	88	2	5.8	270	20	18	14	42	18	1355	
	Hertford	Garston	307	50	33	-	0	0	0	76	475	169	0	4.9	250	14	18	16	38	18	1455	
		Rothamsted	461	41	33	-	0	0	0	40	392	288	0	8.8	250	24	18	20	40	18	1925	
	Essex	Stansted	351	31	31	-	0	1	4	232	398	86	0	7.9	250	23	18	17	38	18	1550	
		Coryton	66	57	48	-	0	0	0	140	416	88	76	7.3	250	19	18	14	41	18	1625	
		Shoeburyness	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	Edgbaston	643	118	73	-	0	0	0	137	507	76	0	7.4	240	18	18	09	37	18	0945	
		Elmdon	343	31	31	-	0	3	13	212	378	117	0	8.6	250	25	18	17	47	18	1645	
	Buckingham	Amersham	500	50	50	-	0	0	0	93	494	133	0	6.5	210	16	18	08	36	18	1600	
	Stafford	Keele	706	50	33	-	0	0	0	85	259	370	6	4.7	230	17	18	17	41	18	1700	
	Worcester	Pershore	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	London (Fleetham) Airport	115	33	33	-	0	4	18	243	383	76	0	9.4	200	24	24	14	38	25	1415	
		Hampton	139	101	100	-	0	1	2	175	347	196	0	7.1	220	22	24	16	38	24	1530	
		Surrey	Kew Observatory	92	75	50	-	0	0	0	171	411	138	0	7.5	220	21	24	14	41	24	1405
		Gatwick	232	38	33	-	0	1	7	158	389	166	0	7.4	230	25	18	13	41	18	1710	
	Kent	Isle of Grain	48	40	33	-	0	3	13	198	218	274	17	7.1	230	24	18	16	42	18	1500	
		Dungeness	70	50	33	-	0	7	61	298	278	78	5	11.5	250	32	18	12	46	18	1225	
		Dover	68	38	62	-	0	0	0	173	278	269	0	6.6	240	21	18	09	38	18	0700	
	Sussex	Thorney Island	75	65	42	-	0	2	2	232	335	151	0	8.4	220	23	18	07	35	18	0650	
	Hampshire	Hurn	86	53	46	-	0	7	23	333	355	9	0	11.2	190	26	23	13	37	18	0835	
		Calshot	50	41	33	-	0	1	3	205	355	157	0	7.9	250	23	18	17	38	18	1550	
		S. Farnborough	318	69	35	-	0	1	3	163												

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.



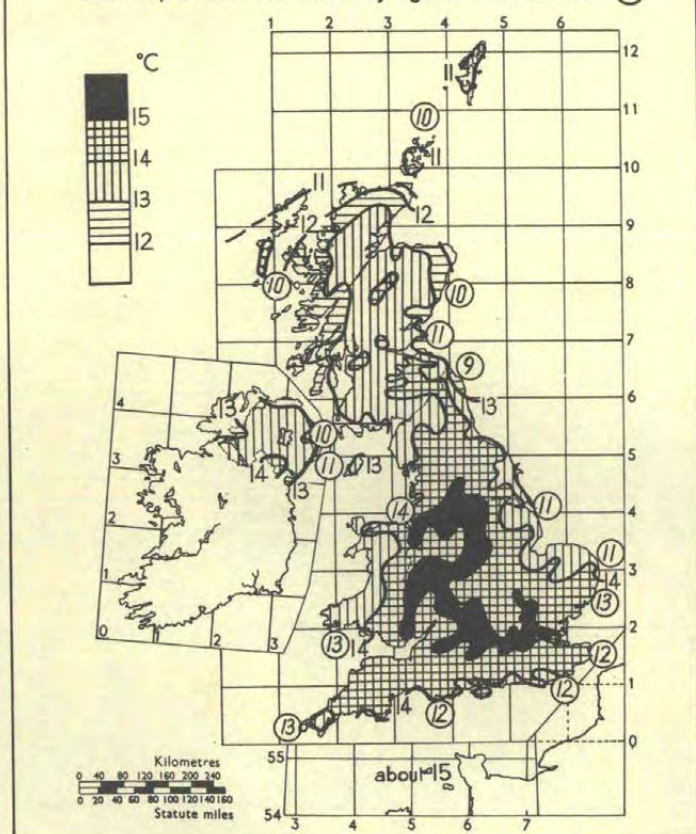
BRIGHT SUNSHINE



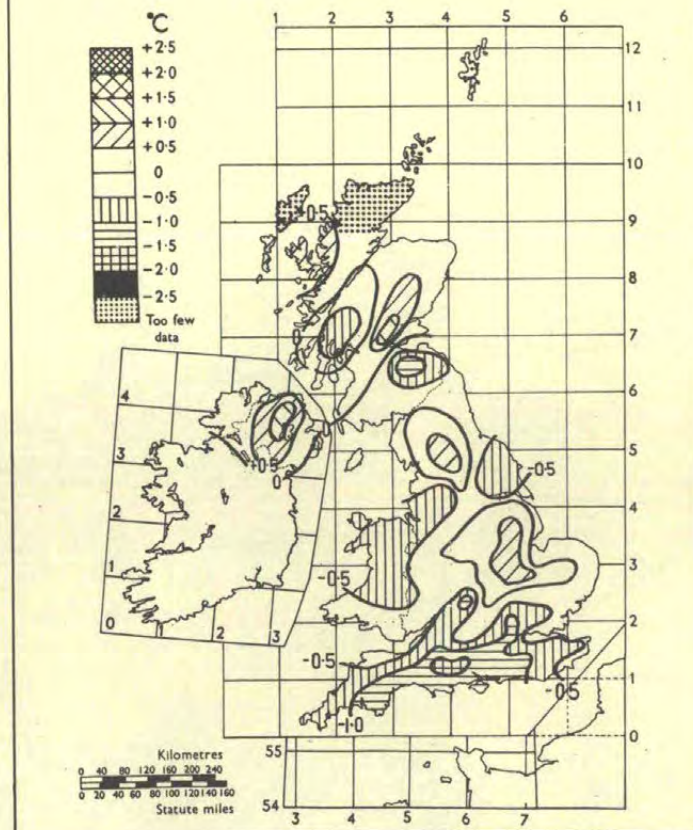
MEAN AIR TEMPERATURE

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.

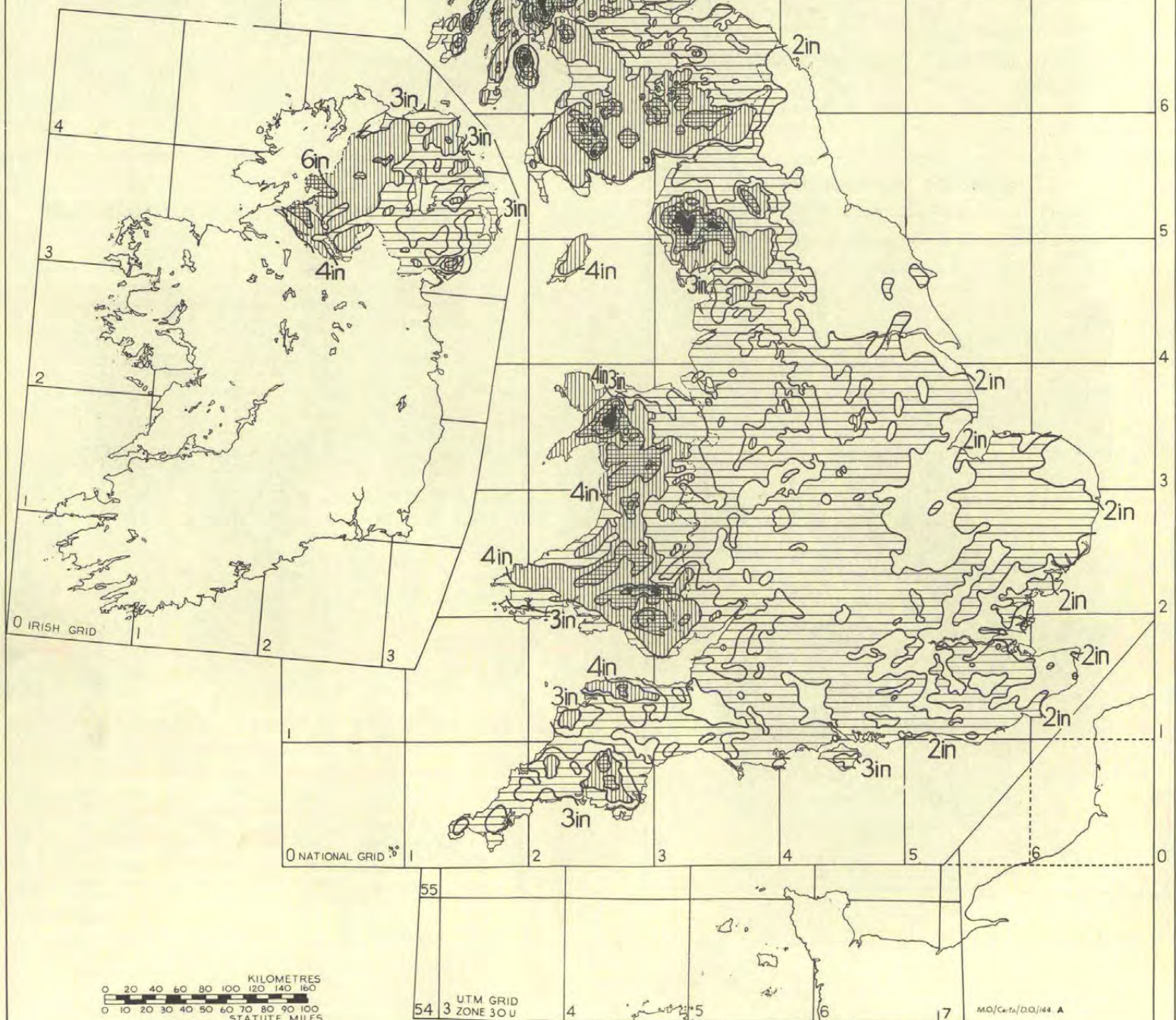
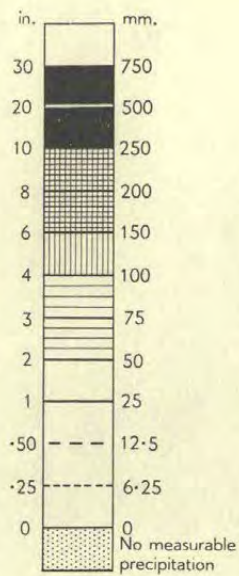


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 1965

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				EARTH TEMPERATURE		Total Fall	Percentage of Average of	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	Difference	Maximum	Date	Minimum	Date	1 ft.	4 ft.																		
				Max.	Min.	Mean	Difference	Maximum	Date	Minimum	Date	1 ft.	4 ft.																		
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%				
0 SCOTLAND, N.	Zetland	Hamnavee	9 9	70	13.0	8.7	10.9	-	17.2	7,8	5.0	6	-	-	2.17	-	.45	15	14	12	0	0	0	0	0	0	0	0	4.48	-	
		Lerwick Obs'y. §	21-9	269	12.4	7.7	10.1	+0.1	18.1	8	5.5	3	-	-	2.41	107	.58	27	17	13	0	0	0	0	3	0	0	0	3.64	69	
		Baltasound	9 9	78	13.6	8.0	10.8	-	16.7	7	5.0	23	9.6	-	1.94	75	.47	15	19	13	1	0	1	0	2	0	0	0	3.59	-	
	Orkney	Sule Skerry	9 9	43	12.5	8.7	10.6	-	14.5	19,26	6.6	1	-	-	1.79	-	.51	27	16	12	0	0	0	0	0	2	0	0	-	-	
		Stenness	9 9	75	14.6	7.8	11.2	-	18.3	8	0.6	11	11.2	-	1.62	79	.35	27	16	11	0	0	0	0	0	0	0	0	5.04	-	
		Evie	9 9	110	14.1	8.5	11.3	-	18.3	4	5.6	1,26	-	-	1.83	-	.51	27	16	11	-	-	-	-	0	0	0	0	3.91	-	
		Kirkwall	21-9	84	13.9	8.3	11.1	-	17.6	8	5.6	26	-	-	1.99	98	.31	27	18	12	0	0	0	0	0	0	0	0	3.93	72	
	Caithness	Dounreay	9 9	70	15.1	8.6	11.9	-	20.0	15	4.4	12	-	-	1.11	-	.25	18	20	10	-	-	-	-	3	0	0	1	-	-	
		Wick	21-9	119	13.9	8.6	11.3	+0.5	18.4	17	4.4	11	-	-	1.57	77	.37	16	21	10	0	0	0	0	0	1	0	0	0	3.71	61
	Sutherland	Cape Wrath	21-9	367	12.3	8.3	10.3	-0.3	16.0	15	5.4	27	-	-	3.76	126	.95	27	22	18	0	0	0	0	0	6	0	0	0	3.70	-
Ross & Cromarty	Achany	9 9	280	16.6	8.1	12.3	-	21.7	9	2.2	1	12.1	9.2	2.60	106	.30	16	22	17	0	0	0	0	0	0	0	5	0	4.14	-	
	Strathay	9 9	120	15.9	8.6	12.3	+0.7	19.4	15	3.3	1	-	-	2.05	76	.33	16	21	13	0	0	0	0	1	0	0	0	0	3.85	73	
	Stornoway	21-9	11	14.5	9.4	11.9	+0.3	16.8	19	3.8	1	-	-	3.35	131	.43	14	22	21	0	0	0	0	0	0	0	0	0	4.40	76	
	Balmacara	9 9	2	15.6	9.8	12.7	-	20.0	10	4.4	1	-	-	5.27	-	.86	16	23	19	0	0	0	0	0	-	0	-	-	-		
	Poolewe	9 9	20	15.9	9.9	12.9	-	18.9	11	5.0	1	-	-	5.85	153	.65	27	19	18	-	-	-	-	0	0	0	0	4.31	- S		
	Inverpoll	9 9	45	15.5	9.4	12.5	-	18.3	10	3.9	1	12.6	-	5.22	-	.76	23	22	19	0	0	0	0	1	-	0	2	0	3.59	-	
	Achnashellach	9 9	220	16.3	9.1	12.7	+0.3	21.7	10	5.0	4	-	-	7.91	158	2.03	16	24	18	0	0	0	0	0	1	0	0	0	-	-	
	Kinlochewe	9 9	76	16.9	9.7	13.3	-	21.7	10	4.4	1	12.4	-	6.45	136	1.68	23	22	19	0	0	0	0	0	1	0	1	0	2.41	- S	
		Blackbridge	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Fortrose	9 9	15	15.4	10.4	12.9	+0.4	18.9	9,29	8.3	1,4,9	-	-	1.50	84	.30	14	16	11	0	0	0	0	0	0	0	0	0	3.64	64
Inverness	Tarbatness	21-9	60	15.0	11.0	13.0	-	19.5	4	8.5	2	-	-	1.79	112	.27	25	20	15	0	0	0	0	0	1	0	0	0	-	-	
	Benbecula	21-9	19	14.5	9.7	12.1	-0.1	17.5	10	4.9	1	-	-	3.76	129	.76	14	23	16	0	0	0	0	0	0	0	0	0	5.00	-	
	Isle of Rhum	9 9	15	15.9	9.6	12.7	-	19.4	10	3.3	1	14.8	11.3	7.77	122	1.15	24	23	20	0	0	0	0	1	1	0	0	0	7	-	
	Prabost	9 9	220	15.1	9.2	12.1	-	18.9	11	3.9	1	-	-	6.51	159	.80	15,23	24	21	0	0	0	0	0	1	0	1	2	3.87	-	
	Duntulm	9 9	294	14.1	9.2	11.7	+0.2	17.2	10,12	5.0	1	-	-	4.80	143	.64	15	25	21	0	0	0	0	0	1	0	0	0	3.60	63	
	Onich	9 9	48	15.8	9.3	12.5	-0.1	20.0	10	4.4	1,22	-	-	8.44	173	1.25	24	22	17	0	0	0	0	1	0	2	1	3.91	80 S		
	Fort William	9 9	27	16.1	9.4	12.7	-	20.6	8,10	3.3	1,22	13.5	12.1	7.24	-	1.67	23	21	19	0	0	0	0	1	0	0	0	3	3.47	-	
	Fort Augustus	9 9	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Cannich	9 9	350	17.2	8.1	12.7	-	24.4	9	2.8	4	-	-	3.58	134	.85	23	21	16	0	0	0	0	0	0	0	3	2	-	-	
	Inverness	9 9	13	16.8	10.1	13.5	-	21.1	4,9	7.2	4	-	-	1.58	88	.35	14	11	0	0	0	0	0	0	0	0	0	0	4.03	-	
	Coire Cas Shieling	9 9	2500	12.7	5.8	9.3	-	17.2	9	0.0	1	-	-	4.33	-	-	23	18	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm	9 9	3575	9.7	4.2	6.9	-	14.4	9	-1.7	1	-	-	5.93	-	.79	15	24	22	-	-	-	-	1	-	-	-	-	-	-	
	Achnagoichan	9 9	1000	16.5	7.4	11.9	-	21.7	9	2.2	22	10.6	-	1.99	-	.27	15	21	14	0	0	0	0	0	0	5	0	-	-	-	
	Glenmore Lodge	9 9	1120	16.1	6.8	11.5	-	20.6	9	0.2	22	-	-	2.28	89	.50	23	21	13	0	0	0	0	0	0	6	0	4.29	- S		
1 SCOTLAND, E.	Nairn	Nairn	9 9	20	16.6	9.1	12.9	+0.3	21.1	29	4.4	4	-	-	1.31	70	.28	25	18	10	0	0	0	0	0	0	0	0	4.31	76	
	Moray	Forres	9 9	155	16.9	8.3	12.6	-	21.7	4,28,29	1.7	1	13.8	10.9	1.51	75	.23	29	19	14	0	0	0	0	0	0	0	0	4.15	69	
		Kinloss	21-9	15	17.1	9.1	13.1	-	22.0	29	2.1	1	12.6	-	1.51	76	.26	14	19	13	0	0	0	0	0	0	2	1	4.29	-	
		Elgin	9 9	92	17.1	9.3	13.2	-	21.7	4,29	3.3	1	-	-	1.81	85	.21	29	21	15	0	0	0	0	0	0	0	0	0	-	-
		Lossiemouth	9 9	21	16.4	8.4	12.4	-0.1	21.7	29	3.3	1	-	-	1.77	89	.25	4,25	17	12	0	0	0	0	0	0	2	0	-	-	
		Gordon Castle	9 9	104	16.8	9.1	12.9	0.0	21.7	4,29	2.2	1	-	-	1.88	83	.21	4,29	20	13	-	-	-	-	0	-	0	-	4.35	77	
	Banff	Glenlivet	9 9	706	16.6	7.7	12.1	-	20.9	4	-0.8	1	-	-	1.77	-	.26	15	19	13	0	0	0	0	1	0	1	0	4.53	- S	
		Banff	9 9	30	16.1	9.2	12.7	-	22.2	4,29	4.4	1	-	-	1.63	-	.37	14	17	11	0	0	0	0	1	0	-	0	3.64	-	
	Aberdeen	Braemar	9 9	1113	16.2	7.2	11.7	+0.3	21.7	9	0.0	1	-	-	2.35	125	.42	6	19	16	-	-	-	-	1	0	1	-	4.32	- S	
		Balmoral	9 9	927	16.3	6.7	11.5	0.0	21.1	29	-1.1	1	-	-	2.12	115	.42	6	23	16	0	0	0	0	0	0	1	1	0	-	-
	Dinnet	9 9	580	17.3	7.9	12.6	-	22.8	29	-0.6	1	12.2	-</																		

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 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					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 Temperature of A and B	Maximum		Date	Minimum	Date	1 ft.	4 ft.				-0 in. (0-2mm.) or more	-0 in. (1-0mm.) or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 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	Per-centage of Average	Most in a day		Precip'n 0.1in. (2.5mm.) or more 0.01in. (0.25mm.) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost y 0° F.	Grass min below 0° C.	Gale	Daily Mean	Per-centage of Average		
				A	B			Maximum	Date	Minimum	Date					Amount	Date														
				Max.	Min.			°C.	°C.	°C.	°C.					°C.	°C.													°C.	°C.	in.	%	in.
2 ENGLAND, N.E. cont.																															
Northumb-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	1	1	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	-	-	-	-	-	0	0	0	-	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	1	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	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	3	0	-	0	6.20	-	
Durham	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	1	0	1	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	5	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, 28, 29	1.7	2, 3	14.2	11.6	1.39	77	.51	21	12	7	-	0	-	-	-	-	0	0	-	5.19	87	
	Gateshead	9 9	509	-	9.6	-	-	-	6.1	2	-	-	-	1.15	54	.35	21	10	6	-	0	-	-	-	-	0	0	0	-	6.01	-
Yorks., N. Riding	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	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	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	-	-	
	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	1	-	-	- 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	-	-	-	-	0	0	-	5.51	-	
Yorks., E. Riding	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	0	0	0	0	0	4	0	-	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	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	-	0	-	-	-	5	0	2	-	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	3	0	0	-	-	-	
Lincoln	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	-	-	-	-	0	0	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	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	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	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	1	1	0	0	0	5.74	-	
Lincoln	Kilnsea	21-9	40	15.9	9.5	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	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	1	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	3	0	5.71	87		
Norfolk	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	-	-	
	Caistor	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	-	-	-	0	0	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	6.27	-	
3 ENGLAND, E.																															
Norfolk	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	6.11	90	
	Terrington	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	6.60	-	
	St. Clement	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	-	-	
	Marham	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	-	0	-	-	-	-	1	4	-	5.21	-	
	Santon Downham	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	6.57	-	
Suffolk	West Raynham	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	-	-	-	-	0	0	2	-	5.55	82
	Cromer	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	1	4	0	0	5.62	85	
	Sprowston	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	1	0	-	-	
	Coltishall	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	6.21	-	
	Burlingham	21-9	12	17.0	11.0	14.0	-0.1	22.3	28	7.0	2	-	-	1.45	87	.52	21	9	7	0	0	0	0	1	1	0	0	0	5.83	81	
Suffolk	Gorleston	9 9	12	17.0	11.0	14.0	-0.1	22.3	28	7.0	2	-	-	1.45	87	.52	21	9	7	0	0	0	0	1	1	0	0	0	0	5.83	81
	Mildenhall	21-9	15	19.4	10.2	14.8	-0.2	23.7	14	2.7	4	-	-	2.79	187	.56	22	13	11	0	0	0	0	1	0	0	1	0	6.20	88	
	Broom's Barn	9 9	246	18.7	9.7	14.2	-	22.8	14	3.8	5	-	-	2.56	-	.54	22	12	9	0	0	0	0	3	0	1	1	6.03	-		
	East Bergholt	9 9	14	19.8	9.0	14.4	-	23.9	14	4.4	4, 5	-	-	1.86	121	.58	21	14	8	-	-	-	-	-	0	1	-	-	-	-	
	Wattisham	21-9	292	18.5	9.4	13.9	-	22.0																							

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 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				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	1 ft.	4 ft.	Amount		Date	0.1 in. (0.25 mm.) or more	0.01 in. (0.25 mm.) or more	or more													
				Max.	Min.		Max.	Min.	Max.	Min.	Max.	Min.	in.		%	in.	in.	in.	in.												in.
4 MIDLAND COUNTIES—cont.																															
Yorks., Huddersfield		9 9	325	19.4	10.7	15.1	+1.0	24.4	30	5.0	2	14.2	11.6	1.69	-	.62	21	16	12	-	0	-	-	-	0	0	0	-	6.12	108	
W. Riding—Oakes		21-9	761	18.5	9.4	13.9	+0.3	22.3	11.30	4.6	2	13.3	10.2	2.47	110	.75	21	19	11	0	0	0	0	3	1	0	1	4	5.43	91	
—cont. Bradford		9 9	439	18.2	10.0	14.1	+0.3	22.2	29.30	3.9	2	13.6	10.8	2.31	115	.89	5	14	9	0	0	0	0	1	0	0	0	1	-	-	
Ilkley		9 9	315	19.2	10.3	14.7	+0.8	24.4	30	3.9	2	-	-	1.71	76	.45	5	11	11	0	0	0	0	1	0	0	0	-	5.56	95	
Sheffield		9 9	429	19.0	10.4	14.7	+0.2	22.8	30	6.1	2	14.3	11.3	3.61	193	1.13	21	17	12	0	0	0	0	1	-	0	0	0	5.46	90	
Wakefield		9 9	121	19.9	10.1	15.0	+0.3	25.0	30	0.6	2	13.8	11.3	1.37	84	.48	21	14	8	0	0	0	0	2	0	0	1	0	-	-	
Pontefract		9 9	255	19.2	10.2	14.7	+0.7	23.3	5.30	3.9	2	-	-	1.55	96	.61	21	15	8	0	0	0	0	1	0	0	0	0	-	-	
Bramham		9 9	177	18.9	8.8	13.9	-	22.8	30	1.1	2	-	-	1.35	61	.62	21	9	6	0	0	0	0	0	0	0	1	0	5.45	-	
Cawood		9 9	20	19.5	8.8	14.1	-	23.9	14.30	2.8	2,3	14.4	12.4	1.29	70	.66	21	8	6	0	0	0	0	0	0	0	0	0	5.82	-	
Askham Bryan		9 9	110	19.1	8.7	13.9	-	23.3	14	2.8	2	-	-	1.42	74	.78	21	8	7	0	0	0	0	0	0	0	1	0	5.75	95	
Derby Buxton		9 9	1007	17.2	8.6	12.9	+0.3	20.6	11.23.30	2.2	2	13.6	11.4	3.12	98	.91	21	16	12	0	0	0	0	1	0	0	0	0	-	-	
Chapel en le Frith		9 9	732	18.4	8.6	13.5	-	22.2	10.30	2.2	2	-	-	2.67	-	.84	21	17	10	0	0	0	0	0	0	0	2	0	-	-	
Mackworth		9 9	293																												
Belper		9 9	203	19.6				24.4	30	3.9	2	-	-	3.08	170	.64	21	15	11	0	0	0	0	0	-	0	-	0	-	-	
Derby		9 9	159	19.4	10.7	15.1	-	23.9	30	6.7	2,10	-	-	2.52	-	.65	21	16	11	0	0	0	0	0	0	0	0	0	6.70	-	
Morley		9 9	350	18.7	9.4	14.1	-	23.3	30	6.1	2,23,28	-	-	2.87	119	.74	21	15	12	0	0	0	0	0	-	0	0	0	6.22	-	
Chesterfield		9 9	298																												
Nottingham Sutton Bonington		9 9	157		9.6			23.9	30	5.0	2,3	14.7	12.7	2.38	164	.86	21	15	11	0	0	0	0	0	0	0	1	0	6.74	111	
Watnall		21-9	385	19.3	9.7	14.5	-	24.3	30	4.1	2	-	-	3.86	224	1.57	21	13	10	0	0	1	0	1	0	0	0	0	6.10	99	
Nottingham T.C.**		9 9	169	19.1	9.6	14.3	-	23.9	30	4.4	2	-	-	1.99	-	.75	21	12	7	-	-	-	-	-	0	0	0	-	6.45	-	
Mansfield		9 9	362	18.9	10.1	14.5	+0.2	22.8	10.11.30	5.0	2	15.1	-	3.34	202	1.12	21	13	12	0	0	0	0	1	0	0	0	0	-	-	
Nottingham		9 9	192	19.5	11.8	15.7	+0.8	26.1	11	6.1	2	14.8	12.7	2.36	161	.79	21	11	8	0	0	0	0	1	0	0	0	0	6.36	107	
Warsop		9 9	150	19.4				24.4	30	0.6	2	-	-	-	-	1.08	21			0	0	0	0	0	1	0	1	0	-	-	
Finningley		21-9	34	19.6	10.2	14.9	+0.2	24.2	30	4.8	3	-	-	2.02	-	.75	21	14	11	0	0	0	0	0	0	0	0	0	6.17	-	
Leicester Newtown Linford		9 9	392	18.8	9.3	14.1	-	23.9	30	4.4	28	-	-	2.59	-	.59	21	14	12	0	0	0	0	3	0	0	1	0	5.83	-	
Caldecott		9 9	175	19.8	8.5	14.1	-	24.4	10	1.1	3	-	-	1.65	-	.33	21	11	7	-	0	-	-	-	0	0	0	-	6.25	-	
Northampton Bugbrooke Mills		9 9	228	19.1	8.3	13.7	-	23.9	30	2.2	3	14.6	12.2	2.16	-	.32	15	13	11	-	0	-	-	-	1	0	-	6.21	-		
Raunds		9 9	193	19.7	9.4	14.5	-	23.9	11.14.30	4.4	3	16.0	11.6	1.69	113	.45	8	13	7	0	0	0	0	0	0	0	0	0	5.97	-	
Wittering		21-9	212	19.3	10.0	14.7	-	23.7	11	4.4	4	-	-	1.74	-	.37	21	12	9	0	0	0	0	1	0	0	0	0	6.78	-	
Warwick Birmingham K.E.S.*		9 9	450	18.8	10.2	14.5	-	22.8	11	5.6	2	-	-	2.82	-	.71	15	11	10	0	0	0	0	0	0	0	0	0	-	-	
Edgbaston		21-9	536	18.6	10.6	14.6	0.0	23.2	11	5.5	2	11.6	10.4	2.71	143	.63	16	13	8	0	0	0	0	1	1	0	0	0	6.09	101	
Ludington		9 9	138	19.4	9.6	14.5	-	23.3	11.30	3.9	2,28	-	-	2.08	132	.44	15	14	10	0	0	1	0	1	0	0	0	0	5.63	-	
Stratford on Avon		9 9	160	19.7	9.3	14.5	-	24.4	11	3.3	2,28	16.4	-	1.88	91	.49	15	13	9	0	0	0	0	0	0	0	0	2	5.48	-	
Elmdon		21-9	319	19.2	9.6	14.4	-	22.9	11.30	3.3	28	-	-	2.33	140	.67	15	13	9	0	0	0	0	0	0	0	2	0	6.52	-	
Shipston on Stour		9 9	365	18.7	9.8	14.3	-	22.8	11	4.4	2	13.9	-	2.55	-	.55	15	16	12	0	0	0	0	1	0	0	2	-	5.78	-	
Wellesbourne		9 9	153	19.0	9.3	14.1	-	22.8	11.30	3.3	7	15.1	13.1	2.16	131	.37	15	14	11	0	0	0	0	0	0	0	1	0	5.62	-	
Moreton Morrell		9 9	280	18.9	9.6	14.3	-	22.8	11	4.4	2	-	-	2.35	-	.42	21	14	12	0	0	0	0	0	0	0	0	0	5.87	-	
Coventry		9 9	338	18.9	10.1	14.5	-0.1	22.8	30	3.3	1	14.7	11.4	2.28	131	.57	15	15	11	0	0	0	0	1	0	0	0	0	5.40	92	
Rugby		9 9	385	19.5	9.9	14.7	-0.3	23.3	11	3.9	2	15.6	13.3	2.14	-	.46	15	13	10	0	0	0	0	0	0	0	0	0	-	-	
Oxford Oxford		9 9	208	19.1	10.8	14.9	-0.4	23.9	11	6.7	2	16.1	13.5	2.10	124	.41	17	13	10	0	0	0	0	0	0	0	0	0	6.29	95	
Buckingham Medmenham		9 9	98	19.4	8.3	13.9	-	23.3	14	1.7	7	-	-	2.38	-	.53	21	13	11	-	-	-	-	-	0	4	-	-	-	-	
Grendon Underwood		9 9	220	19.1	8.7	13.9	-	23.3	11.14	3.3	4,7	15.7	12.5	2.49	-	.44	30	13	11	0	0	0	0	0	0	0	0	0	6.36	-	
Bletchley		9 9	281	19.7	10.0	14.9	-	23.9	11	3.3	4	-	-	2.10	-	.44	7	13	11	0	0	0	0	0	0	0	0	0	-	-	
Stafford Aylesbury		9 9	316																												
Keele		9 9	587	17.8	9.6	13.7	-	21.7	10	3.9	2	13.8	10.7	2.87	137	.56	21	16	12	0	0	0	0	2	0	0	0	0	5.80	-	
Oaken		9 9	409	19.4	9.2	14.3	-	23.3	11.30	4.4	7	13.7	-	2.19	-	.46	15	14	11	-	-										

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 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 1st	Grass min. below 6° C	Gale	Daily Mean	Percentage of Average	
			A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum					Date	Amount	Date	0.1 in. (0.2 mm.) or more												0.01 in. (0.1 mm.) 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 JUNE, 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				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 1st below 0° C	Gale	Daily Mean			Percentage of Average		
				A Max.	B Min.		Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount		Date	-0.1in (0.2mm) or more	-0.1in (1.0mm) or more															
						Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.	%	in.
7a ENGLAND, N.W.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	
Lancashire	Squires Gate ...	21-9	33	17.7	10.2	13.9	0.0	21.9	9	2.5	3	-	-	-	-	2.78	126	1.31	21	12	10	0	0	0	0	0	0	2	0	7.32	101	
	Urswick ...	9 9	130	18.6	9.7	14.3	-	23.3	10	3.9	2	-	-	-	-	3.67	130	.72	20	15	14	0	0	0	0	0	2	0	-	-	-	
	Southport ...	9 9	16	17.6	10.2	13.9	-	21.1	9,11	3.3	2	14.8	11.0	-	-	3.25	151	1.44	21	11	11	-	0	-	-	0	0	0	6.86	-		
	Poulton-le-Fylde ...	9 9	38	17.2	10.5	13.9	-	21.7	10	4.4	2,3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	-		
	Grizedale ...	9 9	300	17.5	8.8	13.1	-	22.2	10,11,29	1.7	1,2	-	-	-	-	5.93	-	1.13	17	17	14	0	0	0	0	1	1	0	0	0	-	
	Speke ...	21-9	80	19.2	11.2	15.2	-	24.2	10	6.4	2	-	-	-	-	1.94	95	.74	21	14	6	0	0	0	0	1	0	0	0	6.50	-	
	Kirkham ...	9 9	78	18.1	9.4	13.7	-	22.2	10	2.8	3	-	-	-	-	2.92	115	1.19	21	13	13	0	0	0	0	1	0	0	2	0	-	
	Garstang ...	9 9	68	17.7	9.4	13.5	-	22.2	9	2.8	2	-	-	-	-	2.89	114	.98	21	14	12	-	0	-	-	-	0	0	6.02	-		
	Morecambe ...	9 9	24	17.9	10.9	14.4	0.0	22.8	9	3.9	2	-	-	-	-	3.05	123	.66	24	15	10	0	0	0	0	0	0	0	0	6.47	93	
	Penketh ...	9 9	50	19.4	10.0	14.7	-	23.9	10	3.9	2	14.5	12.1	-	-	2.94	-	1.02	8	14	10	0	0	0	0	2	1	0	1	6.91	-	
	Preston ...	9 9	108	18.5	10.1	14.3	-	22.8	10	4.4	3	-	-	-	-	2.70	101	.83	21	14	3	0	0	0	0	1	0	0	0	0	-	-
	Stonyhurst	9 9	377	(18.1)	9.4	(13.7)	(-0.1)	22.8	10	4.4	2	-	-	-	-	2.83	93	.86	21	14	11	-	0	-	-	-	0	0	0	6.32	101	
Manchester W/Centre		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.41	-	
Helmshore ...		9 9	854	16.9	9.1	13.0	-	21.1	10	5.6	2	12.6	-	-	3.70	100	.85	21	18	11	-	0	-	-	-	0	0	2	5.01	-	S	
Burnley ...		9 9	655	17.8	9.1	13.5	-	22.2	10	2.8	2	12.3	9.9	-	-	2.70	-	.83	21	19	14	0	0	0	0	1	0	0	1	5.76	-	
Nelson ...		9 9	540	17.8	9.5	13.7	-	22.2	29	3.3	2	13.6	10.3	-	-	2.31	84	.81	21	16	15	-	0	-	-	-	0	0	0	5.38	-	S
Rochdale ...		9 9	362	18.8	9.4	14.1	-	22.8	10	3.3	2	-	-	-	-	2.80	98	.81	21	16	12	0	0	0	0	1	0	0	0	0	-	-
Cheshire	Bidston Obs'y.	9 9	198	17.5	11.3	14.4	+0.3	21.1	11	7.8	1	-	-	-	1.99	101	.65	21	11	6	-	-	-	-	-	0	0	0	(6.88)	102	-	
	Winnington ...	9 9	65	20.0	10.8	15.4	-	25.0	10	6.1	2	-	-	-	2.61	122	.85	21	15	12	0	0	0	0	0	1	0	0	0	-	-	
	Knutsford ...	9 9	212	19.7	9.8	14.7	-	23.9	10	5.0	2	15.7	12.8	-	-	2.58	104	.73	21	15	14	-	0	-	-	-	-	0	0	-	-	
	Ringway	21-9	248	18.9	10.5	14.7	+0.4	23.3	10	5.4	2	-	-	-	2.24	96	.65	21	16	11	0	0	0	0	1	0	0	0	6.00	101	-	
	Macclesfield ...	9 9	500	18.8	10.2	14.5	+0.3	23.3	11	5.6	2	-	-	-	2.99	111	.90	16	15	11	0	0	0	0	2	0	0	-	-	-	-	
7b NORTH WALES																																
Flint	Rhyl ...	9 9	31	17.2	10.6	13.9	-0.3	19.4	4,14	4.4	2	-	-	-	2.71	162	1.20	21	13	7	0	0	0	0	0	0	0	0	7.34	105	-	
	Prestatyn ...	9 9	12	17.3	11.0	14.1	-	20.0	20	6.1	2	-	-	-	3.06	160	1.13	21	11	8	0	0	0	0	1	0	0	0	6.45	99	-	
Hawarden Bridge		9 9	17	19.4	10.8	15.1	+0.5	23.3	10	6.1	4	-	-	-	3.01	166	1.04	6	13	7	0	0	0	0	2	0	0	0	-	-	-	
Anglesey	Valley ...	21-9	33	16.6	10.4	13.5	0.0	20.6	9	5.0	3	-	-	-	4.37	219	.84	21	15	12	0	0	0	0	0	1	0	1	3	7.03	96	-
	Colwyn Bay ...	9 9	118	17.2	11.3	14.3	+0.1	19.4	20,25,28	6.7	2	15.1	-	-	1.62	86	.73	21	14	5	0	0	0	0	1	0	0	-	6.97	99	-	
Denbigh	Alwen ...	9 9	1100	16.1	6.6	11.3	-	20.0	10	-1.1	2	-	-	-	3.87	129	1.32	21	19	16	-	-	-	-	-	1	7	-	-	-	-	
	Ruthin ...	9 9	248	18.4	8.9	13.7	-	22.2	10,12	4.4	4	-	-	-	2.97	-	1.14	21	15	13	-	0	-	-	-	1	0	-	7.07	-	-	
Loggerheads ...		9 9	690	17.3	8.4	12.9	-	21.7	10	2.2	2	13.2	11.5	-	-	3.07	-	1.28	21	15	11	0	0	0	0	3	1	0	0	-	-	
Bwlchgwyn ...		9 9	267	16.1	-	-	-	20.6	12	-	-	11.4	-	-	-	-	1.09	21	-	-	-	-	-	-	2	0	1	-	-	-	-	
Wrexham ...		9 9	275	19.2	10.1	14.7	-	22.8	10,11	5.0	2	14.0	11.8	-	-	-	-	-	-	-	-	-	-	-	0	0	0	3	-	-	-	
Caernarvon	Bardsey Island ...	21-9	61	14.5	10.7	12.6	-	16.7	10	7.9	3	-	-	-	4.53	-	1.62	21	16	10	-	0	-	-	-	1	0	0	-	-	-	
	Botwnnog ...	9 9	112	16.3	9.8	13.1	-	20.6	10	4.4	2	15.2	12.7	-	-	4.95	-	1.48	21	18	16	0	0	0	0	1	0	0	0	6.74	-	
Bryn Adda ...		9 9	275	17.2	10.3	13.7	-	21.7	10	5.6	2	-	-	-	4.40	146	1.04	21	17	14	0	0	0	0	1	0	0	1	1	5.82	-	
Cwm Dyli ...		9 9	324	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aber ...		9 9	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Llandudno		9 9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Merioneth		9 9	1656	-	-	-	-	-	-	-	-	-	-	-	7.78	-	1.50	17	20	18	-	-	-	-	-	-	-	-	-	-	-	
Llyn Stwlun ...		9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Blaenau Ffestiniog		9 9	473	17.7	8.1	12.9	-	21.7	10	0.6	2	-	-	-	3.58	145	.94	21	15	13	0	0	0	0	2	-	0	1	1	-	-	
Montgomery	Corwen ...	9 9	200	18.4	8.7	13.5	-	23.9	29	2.8	2,4	-	-	-	6.99	-	1.64	21	16	16	-	-	-	-	-	0	0	2	-	-	-	
	Ceiriws ...	9 9	995	16.6	8.6	12.6	-	20.6	10,29	3.9	2	12.7	-	-	6.21	170	1.55	17	17	14	0	0	0	0	1	0</						

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JUNE, 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 & 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						Total Fall	Per-centage of Average	Moist 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	in.	%				in.	in. (0.1mm.) or more	in. (0.1mm.) or more												in. (0.1mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	1 ft.	4 ft.	in.	%	in.	Date	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 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 to 5	6 to 7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.								
																											Speed in knots																			
																											34 or more	22 to 33	11 to 21	1 to 10									0							
2 ENGLAND, N.E.																																														
Tynemouth	H	3	130	1012.7	-	11.0	0.9	11.7	89	6.3	0	3	5	9	11	2	0	0	2	1	1	2	7	6	11	0	0	0	10	17	3	5	0	0	0	5	8	8	1	0						
		9	130	1012.8	-	13.0	1.7	12.1	81	6.3	1	1	7	9	9	3	0	2	1	0	1	3	10	7	6	0	0	0	13	12	5	6	1	1	1	5	4	7	0							
		15	130	1012.6	-2.4	14.4	2.4	12.2	75	5.5	2	2	8	11	7	0	0	1	0	1	2	1	10	7	8	0	0	0	19	9	1	4	1	3	5	4	1	11	0							
		21	130	1013.1	-	12.9	1.8	11.9	80	5.5	1	0	13	11	3	2	0	2	0	0	1	2	10	11	4	0	0	0	8	16	6	1	0	2	2	4	6	9	0							
	H	3	41	-	-	-	-	-	-	5.4	0	7	7	5	7	4	0	3	1	1	1	3	4	9	8	0	0	0	6	22	2	3	2	0	1	6	5	11	0							
		9	41	1013.0	-	12.9	1.7	12.0	81	5.8	1	4	4	9	10	2	0	2	0	1	1	6	5	5	4	6	1	0	9	15	5	4	2	0	7	2	5	3	2							
		15	41	1012.8	-	14.4	2.4	12.3	76	6.0	1	2	7	9	11	0	0	0	0	2	4	1	7	2	9	5	0	1	12	13	4	2	1	2	7	4	2	7	1							
		21	41	1013.5	-	12.3	1.5	11.7	83	4.8	0	10	4	9	6	1	0	3	0	1	0	1	9	2	8	6	0	0	6	20	4	0	0	0	6	6	8	5	1							
		H	3	131	1013.1	-	10.3	0.7	11.6	92	5.5	1	6	4	6	12	1	0	1	1	2	5	5	2	5	6	3	0	0	5	18	7	4	0	1	4	6	3	2	3						
			9	131	1013.3	-	14.0	1.9	12.8	80	6.6	0	2	3	11	14	0	0	0	0	0	2	8	5	3	7	0	0	0	15	11	4	6	0	1	3	4	6	4	2						
Dishforth ...	H	15	131	1012.9	-	17.9	3.7	13.3	65	5.8	0	4	5	14	7	0	0	0	0	0	0	1	7	6	4	12	0	0	16	13	1	7	1	1	2	4	7	7	0							
		21	131	1013.6	-	13.8	1.6	12.9	81	5.4	0	6	5	14	5	0	0	0	0	0	0	5	3	8	11	3	0	0	7	18	5	2	1	5	0	1	10	3	3							
		3	210	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
		9	210	1013.2	-	13.2	1.5	12.6	83	5.7	1	2	9	10	6	2	0	1	0	2	2	0	8	11	6	0	0	0	18	11	1	0	3	2	2	4	7	3	8							
	H	15	210	1013.1	-	14.3	1.8	12.9	80	5.9	0	3	9	9	7	2	0	0	2	0	1	1	9	9	8	0	0	0	13	12	1	5	0	2	7	4	2	5	4							
		21	210	1013.6	-	12.6	1.3	12.4	85	5.4	1	3	10	10	4	2	2	0	0	0	1	1	7	14	5	0	0	1	9	18	2	2	0	2	5	4	7	5	3							
Leconfield	H	3	28	1013.7	-	10.2	0.7	11.5	92	5.5	1	5	4	11	8	1	0	2	0	0	2	9	6	8	2	1	0	0	6	15	9	3	1	1	1	5	5	5	0							
		9	28	1014.0	-	14.5	2.2	12.6	77	6.1	0	1	8	14	7	0	0	0	0	0	0	2	12	8	3	5	0	1	14	12	3	4	1	3	2	7	3	6	1							
		15	28	1013.8	-	16.9	3.2	13.2	69	5.6	1	3	8	12	6	0	0	0	0	0	0	2	5	7	10	6	0	0	1	17	12	0	4	2	4	3	7	5	1							
		21	28	1014.4	-	12.5	1.2	12.6	87	5.6	0	6	5	13	6	0	0	1	0	0	1	4	13	3	6	2	0	0	7	22	1	4	3	3	6	3	9	1	0							
	H	3	51	1013.9	-	10.9	0.6	12.1	92	5.0	3	3	11	4	8	1	0	2	0	1	1	2	22	0	0	0	0	1	12	16	1	4	1	2	1	7	5	5	4							
		9	51	1014.5	-	13.0	1.4	12.7	86	6.5	0	2	8	3	15	2	0	1	0	3	0	5	4	17	0	0	1	4	11	10	4	4	2	0	2	6	5	6	1							
		15	51	1014.2	-	14.6	1.8	13.3	81	6.2	1	3	5	9	11	1	0	0	1	1	1	2	8	15	2	0	0	5	15	10	0	4	4	2	4	5	5	6	0							
		21	51	1014.5	-	13.0	1.2	13.0	88	5.6	1	4	5	11	9	0	0	0	0	2	0	1	8	19	0	0	0	4	10	14	2	4	1	2	3	6	4	5	3							
		H	3	227	1014.1	-	10.6	0.7	11.9	91	5.3	3	5	3	9	9	1	0	1	1	1	1	5	10	5	4	2	0	0	7	20	3	2	2	0	5	7	4	2							
			9	227	1014.5	-	14.4	2.2	12.6	77	5.2	3	2	8	12	5	0	0	0	0	1	2	8	7	11	1	0	2	13	15	0	3	1	2	2	8	6	5	3							
Waddington	H	15	227	1014.0	-	17.6	3.5	13.4	67	5.6	0	4	9	11	6	0	0	0	0	0	0	1	5	9	13	2	0	2	13	15	0	2	6	1	4	4	7	6	0							
		21	227	1014.6	-	13.2	1.4	12.9	85	5.3	2	5	9	9	9	0	0	0	0	0	0	4	9	9	6	2	0	0	7	22	1	3	2	5	3	3	7	3	3							
		3	47	1014.0	-	10.0	0.4	11.8	95	5.3	1	8	1	10	9	1	0	2	0	1	2	1	17	5	2	0	0	0	6	19	5	0	2	0	3	5	5	6	4							
		9	47	1014.5	-	14.5	1.8	13.4	81	6.0	0	4	6	9	11	0	0	0	0	1	3	9	11	4	2	0	0	15	12	3	4	2	1	7	4	5	2									
	H	15	47	1014.2	-	16.6	2.7	13.9	74	6.0	1	2	6	13	8	0	0	0	0	0	1	4	14	6	5	0	1	10	19	0	7	1	3	4	4	2	7	2								
		21	47	1014.7	-	12.2	0.8	13.0	90	5.6	2	4	4	11	9	0	0	0	0	2	1	11	10	6	0	0	0	0	9	19	2	3	2	3	6	2	4	7	1							
3 ENGLAND, E.																																														
Marham	H	3	89	1014.7	-	10.4	0.4	12.0	94	5.2	1	7	4	10	8	0	0	0	0	1	2	7	11	8	1	0	0	0	8	21	1	6	0	0	3	12	3	2	3							
		9	89	1015.2	-	14.8	2.1	13.2	78	5.8	0	5	5	12	8	0	0	0	0	0	0	1	8	16	4	1	0	0	13	17	0	9	0	0	2	10	5	4	0							
		15	89	1014.6	-	17.4	3.1	13.9	71	6.2	1	3	3	14	9	0	0	0	0	0	0	0	9	9	7	5	0	1	14	14	1	6	1	2	0	8	6	4	2							
		21	89	1015.2	-	13.4	1.4	13.1	84	5.2	2	6	3	11	8	0	0	0	0	0	1	2	13	7	6	1	0	0	7	22	1	5	0	4	4	7	2	5	2							
	H	3	263	1014.4	-	10.2	0.5	11.8	93	5.2	2	6	5	5	11	1	0	1	0	2	6	10	9	2	0	0	0	0	9	21	0	6	1	0	2	6	10	4	1							
		9	263	1014.9	-	14.2	1.8	13.0	80	5.7	0	5	4	13	8	0	0	0	1	0	2	6	10	8	10	4	0	2	13	15	0	7	1	0	4	5	6	6	1							
		15	263	1014.3	-	16.5	2.8	13.7	73	6.4	0	3	5	11	11	0	0	0	0	0	0	1	8	8	9	4	0	1	20	9	0	7	3	2	0	6	6	5	1							
		21	263	1014.9	-	12.5	1.2	12.6	86	5.5	1	5	5	9	10	0	0	0	0	1	2	7	7	12	1	0	0	10	20	0	3	3	3	3	10	4	1									
		H	3	57	1014.3	-	10.7	0.7	11.9	92	5.3	2	5	6	4	12	1	0	1	1	0	3	3	9	0	13	0	0	7	16	5	1	1	1	1	6	3	10	4	3						
			9	57	1014.9	-	14.6	2.1	13.0	78	6.2	0	3	6	11	10	0	0	0	0	0	2	7	10	9	2	0	0	10	20	0	6	2	2	3	5	7	4	1							
Coltishall ...	H	15	57	1014.4	-	16.8	3.2	13.2	69	6.2	0	3	6	13	8	0	0	0	0	0	0	5	13	7	4	0	0	12	17	0	7	1	4	1	4	6	5	2								
		21	57	1014.8	-	12.8	1.3	12.7	85	4.8	2																																			

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JUNE, 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.	1,100-2,190 yd.	2,200-4,390 yd.	5-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.W.	W.	N.W.					
																														8 or more	34 or more	3	4								5	6	7	8	9
		G.M.T.	ft.	mb.	mb.	°C.	°C.	mb.	%																																				
MIDLAND COUNTIES —cont.		3	219	1014.6	-	10.7	0.7	11.9	91	5.8	3	2	4	9	11	1	0	0	0	0	0	0	1	1	9	3	9	4	2	0	0	6	20	4	6	0	1	1	8	5	4	1	1		
Northampton	Wittering	9	219	1015.0	-	14.8	2.5	12.5	74	5.5	0	6	6	11	7	0	0	0	0	0	0	0	0	0	5	5	2	10	8	0	0	12	17	1	3	4	0	1	9	7	4	1			
		15	219	1014.4	-	18.0	3.9	13.0	64	5.7	0	4	7	11	8	0	0	0	0	0	0	0	0	0	2	3	7	10	8	0	0	15	14	0	3	4	2	2	9	4	3	3			
		21	219	1015.0	-	13.8	1.7	12.9	82	5.1	0	10	8	8	9	0	0	0	0	0	0	0	0	0	0	3	9	7	9	2	0	0	9	21	0	3	3	4	2	5	7	4	2		
Warwick	Edgbaston	9	542	1014.9	-	14.2	2.6	11.7	73	5.2	2	4	9	6	9	0	0	0	0	0	0	0	0	1	0	2	10	7	6	4	0	0	8	22	0	5	2	1	0	9	5	7	1		
		15	542	1014.2	-	17.8	4.5	11.7	59	6.1	0	1	7	15	7	0	0	0	0	0	0	0	0	1	0	4	9	7	9	0	0	10	20	0	1	3	0	0	8	8	6	4			
		21	542	1014.8	-	14.7	2.5	12.2	73	5.4	0	8	4	7	11	0	0	0	0	0	0	0	0	0	1	0	11	12	4	2	0	0	6	24	0	3	4	1	3	1	10	6	2		
Elmdon ...	Elmdon ...	3	362	1014.6	-	10.7	0.6	12.1	93	5.3	2	4	5	13	6	0	0	0	0	0	0	0	0	0	1	4	13	11	1	0	0	0	4	17	9	2	1	0	1	5	9	2	1		
		9	362	1014.8	-	14.6	2.7	11.9	72	5.2	3	4	4	11	8	0	0	0	0	0	0	0	0	0	1	2	6	16	5	0	0	0	11	18	1	5	2	0	1	8	6	5	2		
		15	362	1014.2	-	17.9	4.5	11.8	59	6.2	0	1	8	12	9	0	0	0	0	0	0	0	0	0	1	4	17	5	3	0	0	11	19	0	3	4	1	1	4	12	4	1			
Shropshire	Shawbury	3	249	1014.9	-	14.3	2.2	12.4	76	5.3	2	6	2	12	8	0	0	0	0	0	0	0	0	0	2	0	9	16	2	1	0	0	8	19	3	3	1	2	2	7	7	0			
		9	249	1014.2	-	10.4	0.6	11.8	92	5.7	2	4	1	12	11	0	0	1	0	1	2	1	9	3	13	3	0	0	0	0	7	15	8	6	0	0	1	4	8	3	0				
		15	249	1014.4	-	14.6	2.2	12.7	77	5.6	1	4	7	10	8	0	0	0	0	0	0	0	0	0	2	2	4	8	11	3	0	0	14	16	0	4	2	0	2	9	7	4	2		
Worcester	Pershore ...	3	249	1013.9	-	17.8	4.0	12.6	62	5.7	0	2	10	13	5	0	0	0	0	0	0	0	0	0	0	1	2	2	14	11	0	1	16	13	0	1	1	0	5	14	2	6			
		9	249	1014.7	-	13.4	1.7	12.6	82	5.8	0	4	7	11	8	0	0	0	0	0	0	0	0	1	2	6	7	9	5	0	0	1	6	21	2	8	1	0	0	3	7	6	3		
		15	249	1014.9	-	11.1	0.8	12.0	90	5.6	1	5	4	9	10	1	0	0	1	0	1	1	3	9	7	5	4	0	0	0	0	6	12	12	2	0	2	0	4	8	2	0			
Hereford	Ross-on-Wye	9	117	1015.3	-	14.8	2.3	12.8	76	6.0	1	2	7	10	10	0	0	0	0	0	0	0	0	1	1	3	8	7	4	6	0	0	13	12	5	3	2	0	0	1	10	7	2		
		15	117	1014.5	-	18.6	4.3	12.8	61	6.0	0	2	8	14	6	0	0	0	0	0	0	0	0	0	0	0	6	9	4	11	0	3	14	12	1	2	3	2	1	2	12	5	2		
		21	117	1015.1	-	14.5	1.8	13.3	80	5.4	2	5	3	12	8	0	0	0	0	0	0	0	0	1	1	6	11	5	6	0	0	8	19	3	3	1	3	2	2	10	5	1			
Gloucester	Filton ...	9	226	1014.9	-2.1	14.7	2.2	12.7	76	5.7	1	3	6	10	10	0	0	0	0	0	0	0	0	0	0	0	1	13	4	10	2	0	7	23	0	4	4	1	1	4	9	4	3		
		15	226	1014.4	-	18.3	4.4	12.5	60	5.6	0	3	11	10	6	0	0	0	0	0	0	0	0	0	0	0	8	5	13	4	0	0	9	21	0	2	2	1	0	2	12	8	3		
		21	226	1015.0	-	14.1	1.7	13.1	81	5.3	0	8	5	8	9	0	0	0	0	0	0	0	0	0	0	1	10	5	11	3	0	0	0	2	25	3	4	0	3	0	2	14	4	0	
Gloucester	Gloucester	3	197	1015.2	-	11.6	0.7	12.6	92	5.3	3	3	5	10	9	0	0	0	0	0	0	0	0	0	1	2	16	9	2	0	0	0	4	14	12	4	0	1	0	5	6	2	0		
		9	197	1015.6	-	14.6	1.8	13.4	80	5.9	1	2	6	15	6	0	0	0	0	0	0	0	0	0	0	0	13	8	9	0	0	1	9	14	6	3	4	0	0	5	7	5	0		
		15	197	1015.2	-	17.7	3.5	13.5	67	5.4	1	6	5	12	6	0	0	0	0	0	0	0	0	0	0	0	0	3	11	9	7	0	1	8	20	1	3	2	1	0	5	9	8	1	
Little Rissington	Little Rissington	3	79	1015.2	-	14.0	1.5	13.5	84	5.7	3	1	10	8	8	0	0	0	0	0	0	0	0	0	0	0	0	14	10	6	0	0	1	7	15	7	2	2	0	0	4	12	2	1	
		9	79	1015.6	-	11.8	0.8	12.5	90	5.3	0	7	5	12	6	0	0	0	0	0	0	0	0	0	1	7	11	4	5	2	0	0	3	20	7	3	2	1	1	7	8	1	0		
		15	79	1015.1	-	15.2	2.6	13.1	76	6.4	0	1	7	12	10	0	0	0	0	0	0	0	0	0	2	2	9	8	3	6	0	0	10	20	0	4	3	0	2	6	10	3	2		
Kent	West Malling	3	309	1015.4	-	18.9	4.5	12.8	60	5.7	0	4	6	14	6	0	0	0	0	0	0	0	0	0	0	0	7	6	11	6	0	2	9	19	0	3	2	2	1	5	12	3	2		
		9	309	1015.4	-	15.0	1.8	13.7	80	5.5	1	5	6	8	10	0	0	0	0	0	0	0	0	0	2	10	10	5	3	0	0	0	6	22	2	0	5	0	2	7	12	1	1		
		15	309	1015.1	-	10.7	0.7	11.8	91	5.3	1	7	3	10	8	1	0	1	0	1	2	3	6	14	2	1	0	0	0	0	0	5	23	2	6	4	0	1	3	7	5	2			
Sussex	Thorney Island	3	751	1015.3	-	13.3	1.7	12.4	82	6.0	0	4	4	13	9	0	0	0	0	0	0	0	0	0	1	2	4	11	9	3	0	1	10	18	1	2	5	1	1	3	8	1			
		9	751	1014.6	-	16.8	3.5	12.7	67	5.6	0	5	6	12	7	0	0	0	0	0	0	0	0	0	1	3	10	7	9	0	1	11	17	1	3	4	1	1	2	8	2				
		15	751	1015.4	-	13.3	1.4	12.9	84	5.7	1	5	2	15	7	0	0	0	0	0	0	0	0	0	1	1	6	11	8	3	0	0	8	22	0	1	4	1	2	3	7	10	2		
Berkshire	Abingdon	3	86	1015.3	-	11.5	0.9	12.2	89	5.4	1	5	7	9	8	0	0	0	0	0	0	0	0	1	0	1	2	8	10	8	0	0	0	7	20	3	5	1	1	0	9	7	2	2	
		9	86	1015.6	-	15.2	2.5	12.7	73	5.7	1	3	7	11	8	0	0	0	0	0	0	0	0	0	0	0																			

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

[illegible]

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	30	0	0	Edgbaston	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	Kew Observatory	0	0	0	2	14	14	0	0	0	0	0	0	0	0	9	21	0
Carlisle	0	0	1	11	17	1	0	0	0	0	0	0	1	26	3	0	Hastings	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	Southampton	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	Stonyhurst	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	Bidston	0	0	0	3	26	1	0	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	Valley	0	0	0	2	27	1	0	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	Falmouth	0	0	0	5	22	3	0	0	0	0	0	0	0	16	14	0	
Gorleston	0	0	0	11	13	6	0	0	0	0	0	0	0	10	20	0	Aldergrove	0	0	0	3	23	4	0	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	Armagh	0	0	0	1	23	6	0	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 (Easthampstead)	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			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	1 ft.		4 ft.	Amount	Date	-01in (0.2mm.) or more												-04in (1.0mm.) or more
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in	%	in											hr
1963																													
March	Helmshore	9 9	854			2.6																							
	Burnley	9 9	654			2.9																							
June	Penwhin	9 9	546		8.9	12.9																							
Annual	Penwhin	9 9	546		3.7	6.8																							
1965																													
March	Stonyhurst	9 9	377	8.6	0.4	4.5	-0.7							1.78	68	.35	15	13	10										
	Mackworth	9 9	293											2.96	-	.91	20	15	13										
	Onecote	9 9	1350											3.17	-	.39	22	14	14										
	Folkestone	9 9	128									6.9																	
	Skegness	9 9	15											(2.49)	(190)		11	11											
	Ampleforth	9 9	313											(1.82)	(99)		15	10											
	Nottingham T.C.	9 9	169														16	13											
	Poulton-le-Fylde	9 9	38	9.1	-	-	-	22.2	29	-	-	-	-	1.92	93	.40	21	11	9	2	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											1.60	-	.56	9	11	9										
	Belper	9 9	203											1.68	86	.61	9	12	10										
	Bugbrooke Mill's	9 9	228											1.67			16	11											
	Nottingham T.C.	9 9	169											1.29			10	7											
	Bryn Adda	9 9	275																										
	Tavistock	9 9	457																										
	Haverfordwest	9 9	131																										
	Inverpollly	9 9	45									7.2																	
	Kilmarnock	9 9	115									7.9																	

1965 January Text

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

1965 February Table III Corrections Table

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

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Monthly Weather Report

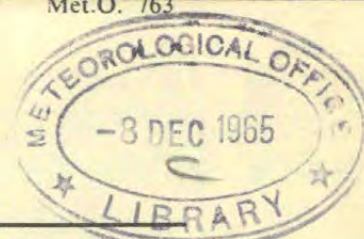
OF THE METEOROLOGICAL OFFICE

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

Volume 82 Number 7

Published by HER MAJESTY'S STATIONERY OFFICE

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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, Peeblesshire 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 1—DISTRICT VALUES—

JULY,

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									
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.	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from 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

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

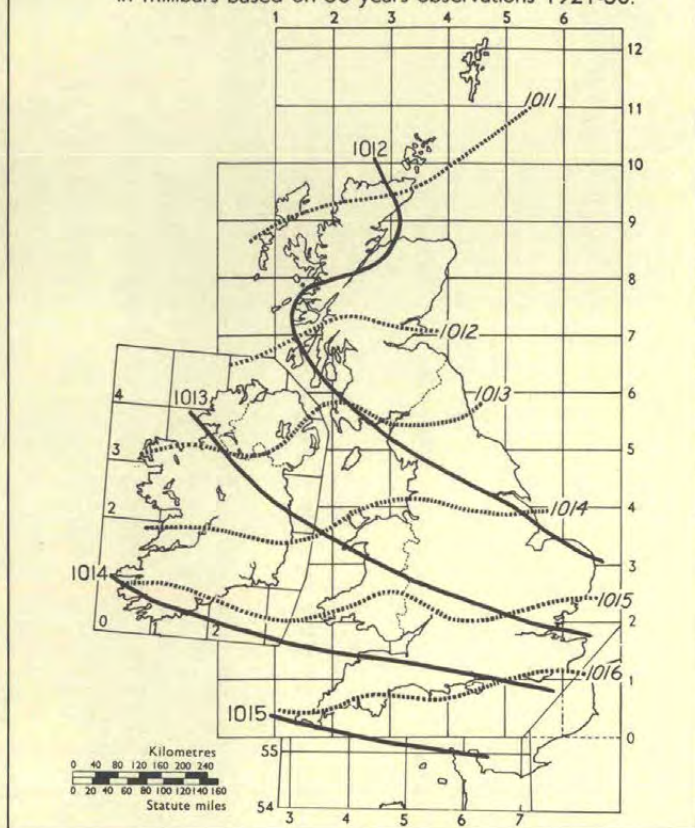
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TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY, 1965 (1914)

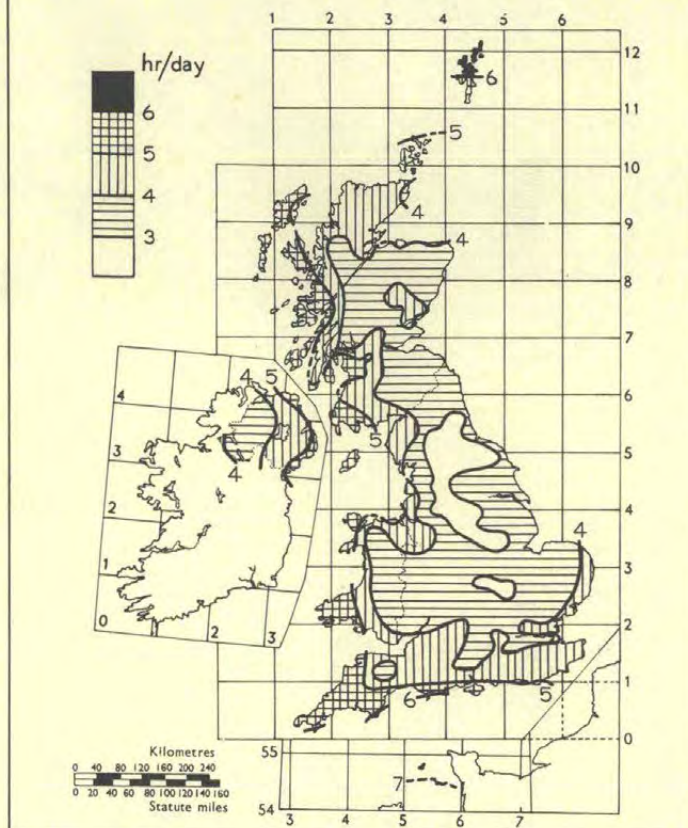
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed									Mean Hourly Wind Speed	Highest Velocities						
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Highest Hourly Wind			Highest Gust					
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N	Speed		Hour ended at	Speed	Day and Time				
																	hr.	hr.	hr.	hr.	hr.
SCOTLAND		ft.	ft.	ft.								kn.									
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	-															
	Renfrew	Paisley	188	81	31	-															
		Renfrew	71	41	39	-															
	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	-															
	Lincoln	Cranwell	288	47	47	-	0	1	6	163	446	129	0	7.8	270	26	29	15	43	29	1355
3	Norfolk	Gorleston	54	43	43	-	0	7	46	396	296	6	0	12.4	360	25	16	07	53	23	1735
	Suffolk	Mildenhall	98	83	60	-	0	1	2	138	501	103	0	7.7	270	23	29	16	46	29	1525
	Bedford	Bedford	322	42	30	-	0	0	0	191	474	79	0	8.2	260	20	29	15	35	29	0920
		Cardington	226	133	133	-	0	3	25	361	310	48	0	10.8	230	26	29	12	54	23	1420
	Hertford	Garston	307	50	33	-	0	0	0	43	577	124	0	5.8	270	19	29	13	43	29	1215
		Rothamsted	461	41	33	-	0	0	0	19	440	285	0	4.8	240	15	29	12	35	29	1230
	Essex	Stansted	351	31	31	-	0	1	3	238	446	57	0	8.9	260	23	29	15	38	29	1050
		Coryton	66	57	48	-	0	1	2	191	505	33	13	8.8	300	23	29	15	43	23	1705
		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	67	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	-															
	Sussex	Thorney Island	75	65	42	-	0	0	0	150	390	204	0	6.8	240	19	23	15	36	23	1505
	Hampshire	Hurn	86	53	46	-	0	0	0	257	400	87	0	9.0	210	21	11	14	34	23	0930
		Calshot	50	41	33	-	0	3	8	356	347	33	0	10.5	210	24	28	24	34	23	1635
		S. Farnborough	318	69	35	-	0	1	10	234	412	88	0	9.0	250	26	29	14	46	23	0835
	Berkshire	Abingdon	295	40	40	-	0	1	5	122	394	223	0	6.5	240	24	29	13	36	29	1140
	Wiltshire	Larkhill	491	51	36	-	0	0	0	99	464	181	0	6.3	260						

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.

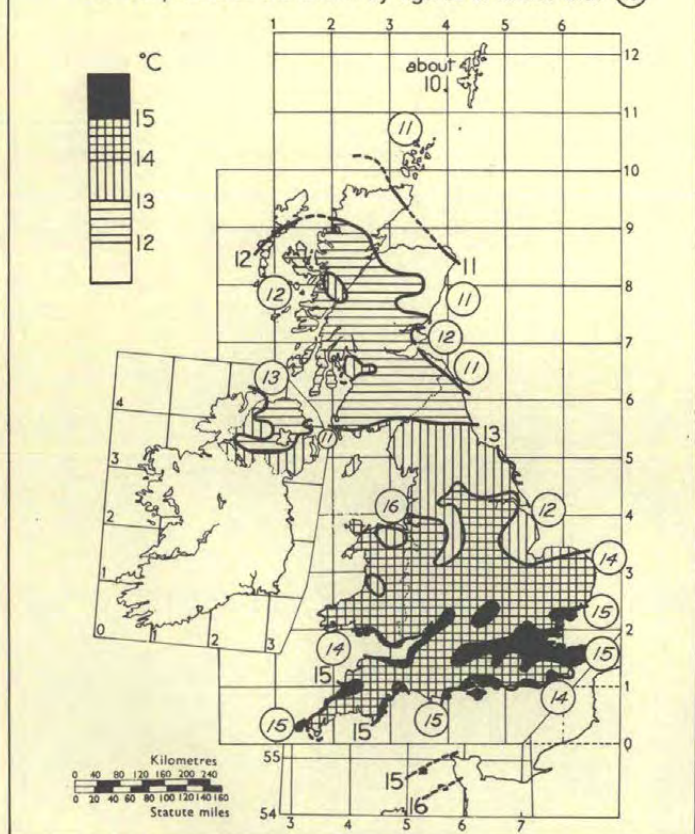


BRIGHT SUNSHINE



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

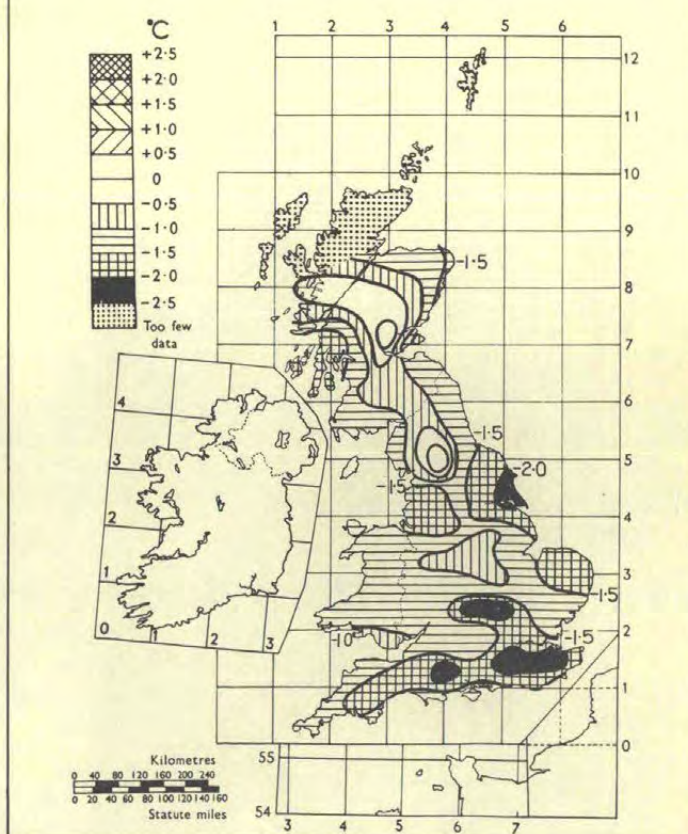


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY, 1965

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 (Number of days)										BRIGHT SUNSHINE					
					Means of		Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		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	1 ft.	4 ft.																				
					Max.	Min.		Mean of A and B	°	Maximum	Date	Minimum	Date																1 ft.	4 ft.			
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%					
0 SCOTLAND, N.																																	
Zetland			9 9	70	13.1	8.3	10.7	-	19.4	22	5.0	11	-	-	.65	-	.21	31	13	8	0	0	0	0	0	0	0	0	6.50	-			
			21-9	269	12.5	6.9	9.7	-2.3	19.2	22	3.5	28	-	-	1.56	57	.61	27	15	9	0	0	0	0	0	1	2	0	5.81	144			
			9 9	78	13.7	6.9	10.3	-	19.4	22	1.1	31	10.8	-	.88	33	.14	6,26	17	9	0	0	0	0	0	0	0	0	6.49	-			
Orkney			9 9	43	13.0	8.8	10.9	-	15.3	19	7.0	30	-	-	1.64	-	.59	21	13	8	0	0	0	0	0	0	1	0	0	-			
			9 9	75	13.7	7.9	10.8	-	19.4	20	4.4	16	11.3	-	2.70	99	.55	21	22	14	0	0	0	0	0	0	0	2	0	4.52	-		
			9 9	110	13.0	7.9	10.5	-	17.0	20	5.0	10,16,28	-	-	2.01	76	.53	21	18	14	1	0	0	0	0	1	0	0	4.50	99			
			21-9	84																													
Caithness			9 9	70	13.7	8.	10.9	-	20.0	20	3.3	15	-	-	2.74	-	1.37	21	16	12	-	0	-	-	-	0	0	0	0	-	-		
			21-9	119	12.8	7.7	10.3	-2.6	14.8	18	2.4	10	-	-	3.87	151	1.39	21	21	14	0	0	0	0	1	1	1	0	4	0	3.81	85	
Sutherland			21-9	367	12.4	8.5	10.5	-1.7	20.5	19	6.2	11	-	-	3.51	99	1.32	21	16	11	0	0	0	0	0	0	2	0	0	5.03	-		
			9 9	280	15.3	7.4	11.3	-	21.7	20	0.6	15	13.3	10.6	2.51	77	.83	21	19	10	0	0	0	0	0	0	0	0	4	0	4.71	-	
			9 9	120	14.1	7.6	10.9	-2.3	22.2	20	1.7	15	-	-	3.42	107	1.84	21	19	13	0	0	0	0	0	0	1	0	0	4.75	118		
Ross & Cromarty			21-9	11	14.5	8.4	11.5	-1.8	19.9	18	3.0	6	-	-	1.15	37	.28	30	17	9	0	0	0	0	0	0	0	1	0	4.92	119		
			9 9	2	16.4	9.3	12.9	-	22.8	19	5.0	10,30	-	-	2.99	-	.57	28	20	15	0	0	0	0	0	0	0	0	0	-	-		
			9 9	20	15.4	9.1	12.3	-	23.3	19	5.0	6	-	-	2.81	65	.58	31	17	15	-	-	-	-	-	0	0	0	-	4.75	- S		
			9 9	45	15.3	9.0	12.1	-	22.2	19	3.3	30	13.2	-	3.00	-	.53	21	17	15	0	0	0	0	0	0	0	0	0	-	-		
			9 9	220	15.8	7.8	11.8	-1.9	23.9	20	2.2	30	-	-	4.27	74	1.08	11	19	15	0	0	0	0	0	0	0	0	0	-	-		
			9 9	76	15.7	8.4	12.1	-	23.3	18,19	3.3	15,30	13.2	-	3.24	59	.49	31	20	16	0	0	0	0	0	0	0	0	4	0	3.82	- S	
			9 9	690																													
			9 9	15	14.6	9.6	12.1	-2.2	20.0	18	6.1	30	-	-	5.09	186	1.81	11	15	12	0	0	0	0	0	0	1	0	0	3.89	85		
Inverness			21-9	60	13.3	10.5	11.9	-	18.0	18	8.5	28	-	-	3.45	146	.96	21	16	12	0	0	0	0	0	0	0	0	0	-	-		
			21-9	19	15.1	9.0	12.1	-1.5	21.3	20	5.0	15	-	-	2.45	67	.61	10	9	8	0	0	0	0	0	0	0	0	1	0	5.97	-	
			9 9	15	15.9	8.8	12.3	-	21.7	19	3.3	10	15.7	12.7	3.65	50	1.03	28	14	13	0	0	0	0	0	0	0	0	0	0	-	-	
			9 9	220	15.2	8.6	11.9	-	21.1	18,19	5.0	30	-	-	2.46	52	.60	30	17	11	0	0	0	0	0	0	0	0	0	1	0	5.50	-
			9 9	294	14.5	9.1	11.8	-1.1	21.7	19	5.6	6	-	-	1.94	51	.48	11	16	11	0	0	0	0	0	0	0	0	0	0	5.04	125 S	
			9 9	48	16.4	8.8	12.6	-1.2	21.1	20	2.2	30	-	-	5.11	86	1.04	28	13	11	0	0	0	0	0	0	0	0	4	0	5.04	142 S	
			9 9	27	17.0	9.0	13.0	-	26.1	20	1.1	30	14.8	13.7	4.32	-	.80	28	13	9	0	0	0	0	1	0	0	0	1	0	4.12	-	
			9 9	70	15.3	9.1	12.2	-2.1	21.7	19	2.8	30	-	-	4.19	-	.62	11	18	14	0	0	0	0	0	0	0	0	0	0	3.71	- S	
			9 9	350	15.3	6.8	11.1	-	22.2	20	-0.6	30	-	-	4.43	133	.80	28	18	11	0	0	0	0	0	0	0	0	1	5	0	-	
			9 9	13	15.1	9.6	12.3	-	22.2	18	6.7	6,30,31	-	-	5.36	200	1.60	11	17	15	0	0	0	0	0	0	0	0	0	0	4.10	-	
			9 9	2500	10.3	4.6	7.5	-	18.3	20	1.7	3,30	-	-	7.76	-	.87	24	24	21	1	0	1	0	0	0	8	0	0	-	-		
			9 9	3575	6.9	2.4	4.7	-	15.0	20	-0.6	30	-	-	9.18	-	1.06	11	23	23	0	-	-	-	-	0	1	-	-	2.37	-		
			9 9	1000	14.2	6.4	10.3	-	22.2	20	2.8	6,30	11.1	-	2.55	-	.41	2	21	13	0	-	0	0	0	0	-	0	2	0	-	-	
			9 9	1120																													
1 SCOTLAND, E.																																	
Nairn			9 9	20	14.4	8.9	11.7	-2.7	21.7	19	2.2	16	-	-	4.16	151	.96	11	21	13	0	0	0	0	0	0	0	0	1	0	3.88	86	
Moray			9 9	155	14.6	7.7	11.1	-	22.8	18	1.7	16	14.1	12.1	3.85	135	.69	24	18	15	0	0	0	0	0	0	0	0	0	0	3.67	77	
			21-9	15	14.7	8.8	11.7	-	22.2	18	2.7	16	13.1	-	3.77	136	.81	21	19	13	0	0	0	0	0	0	0	0	2	0	4.00	-	
			9 9	92	14.8	8.7	11.7	-	22.2	18,19	2.8	17	-	-	3.78	133	.75	21	19	14	0	0	0	0	0	0	0	0	0	0	4.32	-	
			9 9	21	13.8	8.6	11.2	-3.1	22.2	18	1.7	17	-	-	3.62	132	.72	11	16	11	0	0	0	0	0	0	0	0	0	2	0	-	-
			9 9	104	14.5	8.4	11.5	-3.1	21.1	18	3.9	16	-	-	4.10	133	.91	21	20	16	-	0	-	-	-	-	0	-	-	3.93	85		
Banff			9 9	706	-	-	-	-	-	-	-	-	-	-	4.28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	- S		
			9 9	80	13.7	9.2	11.5	-	18.9	19	6.1	30	-	-	2.96	-	.74	21	18	15	0	0	0	0	0	0	5	0	0	0	4.34	-	
Aberdeen			9 9	1113	14.2	6.7	10.5	-2.6	21.7	20	1.1	6	-	-	2.87	96	.57	27	19	15	-	0	-	-	-	0	0	0	0	0	4.14	- S	
			9 9	927	14.0	6.2	10.1	-3.1	21.7	20	-0.6	6	-	-	3.18	105	.65	28	18	14	0	0	0	0	0	0	0	0	1	3	0	-	-
			9 9	580	15.1	7.1	11.1	-	22.8	20	1.1	17	12.8	-	2.87	-	.65	28	13	12	0	0	0	0	0	0	0	0	1	0	3.57	-	
			9 9	405	14.3	7.6	10.9	-	21.4	20	(3.0)	16,17	-	-																			

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER JULY. 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		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 1st below 0° C	Grass min below 0° C	Gale	Daily Mean	Percentage of Average	
				A Max.	B Min.		Maximum	Date	Minimum	Date					Amount	Date	-0.1in (0.2mm) or more	-0.01in (1.0mm) or more												
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%		
1 SCOTLAND, E.—cont.																														
Midlothian	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	1	0	0	0	0	0	3.52	- S
—cont.	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	1	2	0	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	2	0	2	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	1	1	0	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	2	0	2	0	0	3.95	73
E. Lothian	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	1	0	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	1	0	0	0	0	4.28	74
Berwick	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	4	0	0	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	1	1	0	1	0	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	2	0	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	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	2	2	0	0	0	0	-	-
Peebles	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	2	0	0	-	-
Stanhope Farm	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	1	0	0	2	0	0	3.65	-
Blyth Bridge	9 9	800	14.2	6.6	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	1	0	0	2	0	0	-	-
West Linton	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	1	0	0	0	0	0	-	-
Glenfress	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	1	0	0	0	0	0	-	-
Selkirk	9 9	560	16.1	7.6	11.9	-	20.6	19	-0.6	17	-	-	3.94	124	.52	12	17	15	0	0	1	0	4	0	1	0	0	0	-	-
Roxburgh	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	4	0	0	3.74	-
6a SCOTLAND, W.																														
Argyll	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
Tiree	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	-	-
Rhuvaal	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	-	1	0	0	3	0	-	0	-	-	-
Colonsay	9 9	270																												
Tobermory	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	-	-	-	-
Craighouse	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	1	0	0	1	0	0	4.77	-
Machrihanish	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	-
Campbeltown	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	1	0	0	0	0	0	-	-
Achaglachgach	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	1	0	0	0	0	0	4.55	-
Lephinmore	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	3	-	-	-	-
Glenbranter																														
Benmore																														
.. Forestry Sch.	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	3	0	0	3.51	- S
.. Younger B.G.*	9 9	40	16.3	8.4	12.3	-	21.1	17	2.2	30	-	-	6.50	107	1.37	27	16	11	0	0	0	0	0	1	0	1	0	0	-	-
Bute	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	1	0	0	5.03	100
Rothesay	9 9	16																												
Millport	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	-	-
Dunbarton	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
Helensburgh	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	2	0	0	0	0	0	-	-
Cumbarnauld	9 9	1100	13.6	6.2	9.9	-	16.2	16	2.5	30	-	-	6.42	-	1.45	28	17	10	-	-	-	-	3	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	1	0	0	0	0	0	4.94	-
Stirling	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	-	-	-	-
Renfrew	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	2	0	0	0	0	0	0	0	5.27	-
Greenock	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															

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 of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage of Average	Most in a day		Precip'n 40in (0.2mm) or more	40in (1.0mm) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average			
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date																				
				G.M.T.	ft.			°C.	°C.	°C.	°C.	°C.	°C.			°C.	°C.														in	%	in
2 ENGLAND, N.E. cont.																																	
Northum-berland 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	0	3.30	63		
	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	0	3.72	-			
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	0	3.65	67			
	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	3.64	-				
	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	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	-	-	-			
	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	3.69	132	1.47	24	17	14	-	-	-	-	0	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	-	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	0	3	1	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	0	1	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	0	2	-	0	3	0	-	-	-			
Yorks., E. Riding	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	-	-	-	-	-	-		
	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	0	2	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	0	2	2	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	2.65	107	.95	13	18	12	0	0	0	0	0	2	0	0	0	3.13	54				
	Silpho Moor	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	4	3	0	0	0	-	-	-	-		
	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	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	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	0	3	0	0	1	0	2.84	-				
	Lincoln	Filey	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	0	3.25	-			
Bridlington		9 9	157	15.8	9.3	12.5	-	20.0	22	3.9	8	-	-	-	-	-	-	0	0	0	0	5	0	0	0	0	3.49	-					
Kilnsea		21-9	40	16.0	10.2	13.1	-	20.0	12	4.5	5	-	2.44	-	.49	25	14	10	0	0	0	0	2	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	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	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	3.37	139	.57	20	16	12	0	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	2.35	93	.31	25	17	14	0	0	0	0	3	0	0	1	0	-	-	-	-		
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	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	0	2.65	43				
Suffolk	Cleethorpes	9 9	23	17.4	10.0	13.7	-	21.1	12	5.4	4	-	1.96	92	.47	28	14	11	0	0	0	0	5	0	0	0	0	3.49	-				
	Manby	21-9	55	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	0	1	0	0	0	3.86	158				
	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	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	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	0	6	0	0	0	0	-	-	-	-	
	Suffolk	Marham	9 9	80	18.6	-	-	-	23.3	19	1.1	5	15.2	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	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	-	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	0	5	-	0	1	0	3.67	59			
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	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	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	0	6	0	0	1	4.23	62					
Gorleston		9 9	15	18.5	10.5	14.5	-2.3	23.4	19	2.8	4	-	2.85	118	.76	22	18	12	0	0	0	0	3	0	0	1	0	3.80	61				
Mildenhall		9 9	246	18.1	10.0	14.1	-	22.2	19	3.9	4	-	2.79	-	.57	20	18	12	0	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	-	-	-	-	0	2	-	-	-	-	-	-	-		
Cambridge	East Bergholt	21-9	292	17.9	9.8	13.9	-	22.2	14	3.8	4	-	3.05	-	.66	23	17	14	0	0	0	1	5	0	0	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										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					Means of		Difference from Average	Highest Maximum and Lowest Minimum				Total Fall			Percentage of Average	Most in a day		Precip'n	Number of days						Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum		Date	1 ft.		4 ft.	Amount		Date	0.1in. (0.2mm) or more	0.01in. (1.0mm) or more	Snow or Sleet	Snow lying at 9h	Hail			Ice or snow pellets etc.	Thunder heard	Fog at 9h	Air Frost	Grass min. below 0° C	Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
4 MIDLAND COUNTIES—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

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										BRIGHT SUNSHINE				
				Means of		Difference from Average	Highest Maximum and Lowest Minimum				Precip'n					Number of days														
				A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum	Date	0.1 in. (0.2 mm) or more	0.1 in. (1.0 mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost 7 o'clock	Grass min below 0° C	Gale	Daily Mean	Percentage of Average						
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date									hr	%					
5 ENGLAND, S.E.—cont.																														
Surrey cont.	Kew Observatory	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	5	0	0	0	0	3.99	62	
	Gatwick	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	-	
	Waddon	9 9	220	18.4	11.4	14.9	-2.4	21.7	19	5.0	4	-	-	2.62	107	.58	11	16	14	-	-	-	-	-	-	-	-	-	-	
	Addington	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	Bromley	9 9	213	18.1	11.4	14.7	-	21.7	19	5.6	4	-	-	2.71	118	.80	7	16	14	-	-	-	-	-	-	-	-	-	-	
	Swanley	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	0	1	3.52	-	
	Dartford	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	-	-	-	
	West Malling	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	-	
	Goudhurst	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	-	
	East Malling	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	
	Gillingham	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	-	3.99	-	
	Sittingbourne	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	-	-	
	Isle of Grain	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	-	
	Faversham	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	-	
	Dungeness	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	-	-	-	
	Wye	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	
	Whitstable	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	-	4.37	-	
	Folkestone	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	-	
	Elmstone	9 9	28	18.7	10.8	14.7	-	23.3	14	5.6	5	-	-	2.06	-	.33	9,11	20	12	-	-	-	-	-	-	-	-	-	-	
	Herne Bay	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	-	4.15	-	
Dover	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	-		
Deal	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	-	-		
Manston	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	-	-		
Sussex	Ramsgate	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	0	-	4.86	69		
	Margate	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	
	Thornor Island	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	-	
	Bognor Regis	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	1	5.35	78		
	Fernhurst	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	4.53	-	
	Littlehampton	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	-	5.23	74		
	Rustington	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	4.08	-		
	Worthing	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	4.98	69		
	Brighton	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	
	East Grinstead	9 9	400	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	-	
	East Hoathly	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	-	
	Eastbourne	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	1	5.06	67	
	Eastbourne C/Guard	21-9	17	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	
	Bexhill	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	
	Berkshire	Bodiam	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	-
		Hastings	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
Letcombe Regis		9 9	350	18.3	10.1	14.2	-	21.7	14	3.3	17	-	-	-	-	-	-	-	-	-	-	2	1	0	-	-	-	-		
Abingdon		21-9	210	18.5	10.4	14.5	-2.5	22.0	14	2.4	4	-	-	2.03	83	.41	23	18	12	0	0	1	0	3	0	0	0	3.74	-	
Compton		9 9	339	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	3.68	-	
Wallingford		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	3.68	-	
Shinfield		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	1	-	3.10	-	
Reading		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	-	
Reading S.T.G.*		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	0	3.52	-
Finchampstead		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	4	0	0	0	0	3.75	-	
Hurley		9 9	140	18.6	10.8	14.7	-	22.2	14	3.3	4	16.3	-	3.02	117	.52	11	15	12	0	0	0	0	2	0	0	0	4.15	-	
Bracknell		9 9	243	18.6	11.0	14.8	-	22.2	14	4.4	4	16.4	14.7	3.62	-	.69	7	16	14	0	0	0	0	3	1	0	0	4.02	-	
Hampshire		Bournemouth	9 9	130	18.4	11.5	14.9	-2.0	21.7	2	6.7	4,17	16.1	14.																

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 or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc	Thunder heard	Fog at 9h	Air Frost 1st	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average			
				A Max.	B Min.		Maximum	Date	Minimum	Date					Amount	Date															
G.M.T.		ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%				
7a ENGLAND, N.W.—cont.																															
Lancashire	Squires Gate	21-9	33	17.0	11.0	14.0	-1.7	21.8	18	3.3	17	-	-	3.48	120	.54	27	15	12	0	0	0	0	1	0	0	2	0	4.91	82	
	Urswick	9 9	130	16.4	9.7	13.1	-	21.1	19	3.9	8	-	-	3.02	79	.52	27,28	15	9	0	0	0	0	2	0	0	0	3	-	-	
	Southport	9 9	16	16.8	10.7	13.7	-	21.1	18,19	4.4	8,16,17	15.1	11.9	2.47	85	.55	28	16	11	0	0	0	0	0	0	0	0	0	4.69	-	
	Poulton-le-Fylde	9 9	38	16.6	10.7	13.7	-	23.3	19	3.3	17	-	-	2.97	92	.55	28	12	11	0	0	0	0	1	0	0	0	0	-	-	
	Grizedale	9 9	300	16.6	8.1	12.3	-	20.0	19	1.1	17	15.0	-	5.32	-	1.32	28	19	15	0	0	0	0	1	1	0	0	0	-	-	
	Speke	21-9	80	17.7	11.4	14.5	-	22.0	19	6.9	16	-	-	3.71	127	.70	13	18	15	0	0	1	0	4	0	0	0	0	4.07	-	
	Kirkham	9 9	78	16.9	10.1	13.5	-	20.6	18,19	3.9	8	-	-	3.24	96	.71	28	17	13	0	0	0	0	3	0	0	1	0	4.57	-	
	Garstang	9 9	68	16.7	10.0	13.4	-	20.0	19	4.4	8,17,31	-	-	3.48	100	.63	28	20	10	0	0	0	0	0	0	0	0	0	3.91	-	
	Morecambe	9 9	24	17.4	-	-	-	21.1	18,19	-	-	-	-	-	3.57	110	.86	27	16	12	0	0	0	0	0	0	0	0	0	-	-
	Penketh	9 9	50	17.9	9.9	13.9	-	21.7	19	5.0	5,16,17	14.9	14.2	3.66	-	1.04	13	18	14	0	0	0	0	0	3	0	0	5	0	3.43	-
	Preston	9 9	108	16.9	10.3	13.6	-	21.1	19	4.4	8	-	-	3.38	94	.76	28	21	15	0	0	0	0	2	0	0	0	0	0	-	-
	Stonyhurst	9 9	377	16.4	9.9	13.1	-2.1	20.6	17	4.4	8	-	-	4.22	104	1.00	28	16	15	0	0	0	0	0	0	0	0	0	0	3.16	62
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Helmshore	9 9	854	15.2	9.3	12.3	-	18.9	19	4.4	8	12.9	-	-	5.83	122	1.03	28	23	17	0	0	0	0	0	0	0	2	0	3.06	-
	Burnley	9 9	655	15.6	9.2	12.4	-	19.4	17	2.8	8	13.2	11.3	-	4.25	-	1.15	25	21	16	0	0	0	0	2	0	0	1	0	2.93	-
Nelson	9 9	540	15.6	9.7	12.7	-	19.4	12,17	3.3	17	14.4	11.8	-	4.41	120	.96	25	19	14	0	0	0	0	0	0	0	1	0	2.87	-	
Rochdale	9 9	362	16.5	9.9	13.2	-	21.1	17	2.2	31	-	-	5.06	132	1.36	13	16	16	0	0	0	0	1	0	0	0	0	0	-	-	
Cheshire	Bidston Obs'y.	9 9	198	16.7	11.7	14.2	-1.5	21.1	18,19	8.3	4,8	-	-	2.61	94	.41	22	17	15	-	-	-	0	0	0	0	0	0	4.97	87	
	Winington	9 9	65	17.9	11.5	14.7	-	22.2	19	7.2	4	-	-	3.41	125	.97	20	18	13	0	0	0	0	0	0	0	0	1	-	-	
	Knutsford	9 9	212	17.4	10.1	13.7	-	22.2	19	5.6	8,17,31	16.2	14.4	3.22	103	.91	13	16	13	-	-	-	0	0	0	0	1	-	-		
	Ringway	21-9	248	17.1	10.8	13.9	-2.0	22.0	19	6.3	31	-	-	2.84	92	1.05	13	17	11	0	0	0	0	1	0	0	0	0	3.40	68	
	Macclesfield	9 9	500	16.6	10.1	13.3	-2.4	20.6	19	5.6	18	-	-	4.06	111	1.09	13	19	15	0	0	0	0	1	0	0	0	0	-	-	
7b NORTH WALES																															
Flint	Rhyl	9 9	31	17.3	11.4	14.3	-1.5	22.2	18	7.2	31	-	-	2.52	121	.57	19	17	10	0	0	0	0	2	0	0	0	0	5.22	91	
	Prestatyn	9 9	12	17.0	11.3	14.1	-	21.7	18	5.6	17	-	-	(2.32)	99	.58	19	(13)	(10)	0	0	0	0	0	0	0	0	0	-	-	
Anglesey	Hawarden Bridge	9 9	17	18.1	11.2	14.7	-1.6	21.7	19	5.6	17	-	-	3.14	127	.63	13	15	13	0	0	0	0	2	0	0	0	0	-	-	
	Valley	21-9	33	17.2	11.4	14.3	-0.8	21.2	20	7.8	4,17	-	-	3.05	121	1.09	20	15	8	0	0	0	0	0	0	0	0	0	5.75	95	
Denbigh	Colwyn Bay	9 9	118	16.8	11.5	14.1	-1.8	21.1	19	8.3	4,16,17	15.8	-	2.06	95	.64	21	12	9	0	0	0	0	1	0	0	0	-	4.92	85	
	Alwen	9 9	100	14.9	7.5	11.2	-	19.4	18	0.6	31	-	-	3.19	90	.60	20	19	16	-	-	-	0	0	0	2	-	-	-	-	
Caernarvon	Ruthin	9 9	248	17.1	9.1	13.1	-	20.6	18,19	3.9	4,31	-	-	4.08	-	.75	21	18	17	-	-	-	0	0	0	0	0	0	4.28	-	
	Loggerheads	9 9	630	15.9	9.1	12.5	-	20.0	19	3.7	17	13.9	12.8	3.14	-	.67	19	22	17	0	0	0	0	1	0	0	0	0	-	-	
	Bwlchgwyn	9 9	267	-	-	-	-	-	-	-	-	12.3	-	-	-	-	-	-	-	0	0	0	0	1	0	0	2	-	-	-	
	Wrexham	9 9	275	-	-	-	-	-	-	-	-	6.1	4	14.9	13.3	-	4.60	176	1.31	19	18	14	0	0	0	0	1	0	4	-	-
	Bardsey Island	21-9	61	15.8	12.0	13.9	-	19.3	19	10.0	30	-	-	2.32	-	.64	20	13	9	0	0	0	0	0	0	0	0	0	-	-	
	Botwnnog	9 9	112	17.0	10.7	13.9	-	20.6	20	6.1	31	16.3	14.2	2.73	-	.62	20	16	10	0	0	0	0	1	0	0	0	0	5.53	-	
	Bryn Adda	9 9	275	17.1	10.7	13.9	-	22.2	19	5.6	31	-	-	5.02	144	1.27	20	18	17	0	0	0	0	0	0	0	0	0	4.40	-	
	Cwm Dyli	9 9	324	16.8	9.5	13.1	-	20.6	18,19,20	4.4	3,31	14.9	-	9.39	85	1.43	20	22	20	-	-	-	0	0	0	0	3	-	-	-	
	Aber	9 9	60	16.8	11.0	13.9	-1.7	21.7	19	7.2	4	-	-	4.50	146	1.12	20	19	16	0	0	0	0	0	0	0	0	0	4.03	74	
	Llandudno	9 9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merioneth	Llyn Stwlan	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Montgomery	Corwen	9 9	473	17.0	8.9	12.9	-	20.6	17,18,19	1.1	31	-	-	3.17	103	.59	22	20	14	0	0	0	0	2	0	0	1	0	-	-	-
	Ceunws	9 9	200	18.0	9.2	13.6	-	22.2	18	0.6	31	-	-	5.84	-	1.38	28	22	16	-	-	-	0	0	0	0	3	-	-	-	
Lake Vyrnwy.	9 9	995	15.7	8.9	12.3	-	19.4	17	3.3	31	13.8	-	3.99	90	.50	20,28	18	16	0	0	0	0	1	0	0	0	8	0	-	-	
8a SOUTH WALES																															
Cardigan	Aberporth	21-9	378	16.0	10.9	13.5	-1.3	19.7	19	5.6	4	-	-	2.06	65	.66	20	15	9	0	0	0	0	1	0	0	1	1	5.23	-	
	Aberystwyth	9 9	12	16.1	10.2	13.2	-1.7	20.0	18	5.0	4,31	-	-	2.50	72	.53	28	19	10	0	0	0	0	0	0	0	2	0	4.32	86	
Pembroke	P.B.S.*	9 9	452	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Gogerddan	9 9	103	17.1	10.4	13.7	-	20.6	19,20	2.8	31	-	-	2.18	62	.59	28	19	9	0	0	0	0	0	0	0	1	0	4.51	-	
	Swyddffynnon	9 9	540	16.5	9.2	12.9	-	20.6	1	1.7	31	-	-	3.59	-	.52	22	19	14												

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY,

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.	440-1,000 yd.	1,000-2,100 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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JULY, 1965

[illegible]

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				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.		Maximum	Date	Minimum	Date		1 ft.	4 ft.		Amount	Date												0.1in (0.2mm) or more	0.4in (1.0mm) or more		
				°C.	°C.		°C.	°C.	°C.	°C.		°C.	°C.		in.	%												in.			
8b	ENGLAND, S.W. cont.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%				
Devon	Clawton ...	9 9	412	18.8	9.7	14.3	-	22.8	1	4.4	17	-	-	-	1.75	11	16	13	0	0	0	0	0	0	0	0	0	-	-		
	Hartland Point ...	21-9	298	16.1	12.3	14.2	-	17.9	7	10.2	4	-	-	4.18	149	1.37	11	18	15	0	0	0	0	0	1	0	0	2	6.42	103	
	Mount Batten ...	21-9	87	17.2	11.7	14.5	-1.5	19.7	2	7.5	17	-	-	4.08	158	1.22	11	18	15	0	0	0	0	4	0	0	0	0	5.34	84	
	Plymouth, The Hoe ...	9 9	119	17.4	11.9	14.7	-1.6	20.0	2	8.3	17	16.2	14.7	4.24	165	.80	11	18	18	0	0	0	0	2	1	0	0	0	5.34	84	
	Tavistock ...	9 9	457	17.9	10.1	14.0	-1.7	21.1	1	6.7	17,19,31	-	-	7.63	-	1.45	11	22	20	0	0	0	5	2	0	0	1	0	-	-	
	Chivenor ...	21-9	20	18.1	11.8	14.9	-	20.1	1,18	7.8	17	-	-	4.86	178	1.42	11	17	15	0	0	0	0	0	0	0	0	0	5.65	-	
	Ilfracombe ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Princetown ...	9 9	1359	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes ...	9 9	120	18.7	10.6	14.7	-	21.1	20	4.4	17	16.6	13.9	5.60	186	1.76	11	19	16	0	0	0	0	0	2	0	0	0	0	-	-
	Slapton ...	9 9	104	18.3	11.6	14.9	-	21.7	3	8.3	8	-	-	3.51	-	1.31	11	13	9	0	0	0	0	0	0	1	0	0	0	-	-
	Newton Abbot ...	9 9	272	18.5	-	-	-	20.0	3,18,20	7.2	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5.40	90		
	Paignton ...	9 9	8	19.1	11.8	15.5	-	20.6	3,21,30	8.9	17,18	-	-	3.57	151	1.16	11	20	15	0	0	0	0	0	3	0	0	-	0	5.97	92
	Torquay ...	9 9	26	18.7	12.3	15.5	-1.1	24.4	1	9.4	17	-	15.9	4.29	200	.93	11	18	14	0	0	0	0	0	2	0	0	0	0	5.85	87
	Teignmouth ...	9 9	20	18.3	12.4	15.3	-1.6	20.0	2,28	8.9	17	-	-	2.76	127	.68	7	15	12	0	0	0	0	0	5	1	0	0	0	5.86	88
	Starcross ...	9 9	29	18.4	11.1	14.7	-	21.1	11,28	7.2	17	16.5	-	3.95	162	.92	7	16	12	0	0	0	0	2	0	0	0	0	5.25	-	-
Cornwall	Exeter, Southam ...	9 9	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Exmouth ...	9 9	195	17.6	11.3	14.5	-1.5	20.0	28	7.8	17,31	-	-	3.20	135	.76	7	17	12	0	0	0	0	0	4	0	0	-	0	5.31	83
	Exeter ...	21-9	106	18.8	10.8	14.8	-	21.2	28	6.0	17	-	-	3.61	146	.80	11	17	13	0	0	1	0	3	0	0	0	0	4.26	-	-
	Sidmouth ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	St. Mary's, Scilly ...	21-9	158	17.6	12.7	15.1	-0.9	20.3	20	10.8	5,31	-	-	3.74	168	.61	25	18	13	0	0	0	0	0	0	0	0	0	5.63	84	
	Penzance ...	9 9	62	18.0	12.0	15.0	-1.4	20.0	19	8.9	17,18	-	-	4.34	158	.98	18	19	17	0	0	0	0	0	0	0	0	0	5.38	81	
	Gulval ...	9 9	50	17.7	12.2	14.9	-1.3	20.0	17	8.9	31	-	-	4.82	184	1.28	18	19	12	-	-	-	-	-	-	-	-	-	-	-	
	Culdrose ...	9 9	268	16.8	11.4	14.1	-	19.4	15	8.3	5,31	-	-	3.20	134	.67	18	17	11	0	0	0	0	0	3	0	0	0	0	5.52	-
	Rosewarne ...	9 9	250	16.8	11.7	14.3	-	18.3	14,27,30	8.3	4,17	15.8	14.6	6.26	245	1.34	18	21	16	0	0	0	0	0	1	0	0	0	0	5.04	-
	Lizard ...	9 9	240	17.1	11.7	14.4	-1.2	19.5	2	7.3	31	-	-	3.09	144	.69	12	19	14	0	0	0	0	0	5	0	-	0	6.11	-	-
	Falmouth ...	9 9	167	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Newquay ...	9 9	176	17.2	12.1	14.7	-1.1	19.4	14	7.8	17	-	-	4.68	177	1.43	11	19	16	0	0	0	0	0	-	0	-	0	5.34	84	
	St. Mawgan ...	21-9	337	16.9	11.4	14.1	-	18.8	17	8.3	31	-	-	4.34	146	1.56	11	21	16	0	0	0	0	0	0	0	0	0	5.72	-	-
	St. Austell ...	9 9	310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fowey ...	9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bude ...	9 9	50	17.3	11.7	14.5	-1.2	19.4	1	5.6	31	15.0	-	4.63	173	1.18	11	21	16	0	0	0	0	0	0	-	0	-	0	5.37	90	
Ellbridge ...	9 9	190	18.1	10.8	14.5	-1.5	21.1	17	6.7	17,31	-	-	5.36	180	1.14	11	22	20	0	0	0	0	3	0	0	0	0	5.05	82	-	
9 NORTHERN IRELAND																															
Londonderry	Loughmore Forest	9 9	570	15.3	8.1	11.7	-	20.6	17,20	3.3	16,23	-	-	3.59	-	.62	10	22	15	0	0	0	0	0	0	0	0	0	-	-	-
	Ballykelly ...	21-9	6	16.3	10.1	13.2	-1.4	20.9	17	4.5	23	15.4	13.2	1.58	47	.31	21	17	9	0	0	0	0	0	0	0	0	0	3.87	88	
	Derrynoyd Forest	9 9	290	16.8	8.5	12.7	-	21.7	17,20	4.4	16,17,23	-	-	3.10	-	1.01	24	21	11	0	0	0	0	1	0	0	2	0	-	-	-
	Somerset Forest	9 9	140	16.7	8.1	12.4	-	21.1	17,20	2.8	23	-	-	3.08	-	.54	27	15	14	0	0	0	0	0	0	0	0	0	-	-	-
	Garvagh Forest	9 9	290	15.9	8.7	12.3	-	20.6	17,20	3.9	16	-	-	2.43	-	.37	27	22	14	0	0	0	0	0	1	0	0	2	0	-	-
Antrim	Moneydig ...	21-9	112	16.5	8.6	12.5	-1.9	20.9	17	3.5	16	16.0	-	2.34	60	.44	10	19	13	0	0	0	0	0	1	0	0	0	0	-	-
	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	2.59	79	.38	26	17	15	-	-	-	-	-	-	-	-	-	5.23	-	-
	Lisnafillan ...	9 9	124	16.2	8.1	12.1	-	20.0	17	2.2	17	-	-	3.40	-	.97	24	19	14	0	0	0	0	0	1	0	0	0	0	4.51	-
	Aldergrove ...	21-9	225	16.3	8.8	12.5	-2.2	20.4	17	4.6	30	14.6	12.1	2.99	-	.61	13	22	14	0	0	0	0	0	0	0	0	0	4.33	98	
	Greenmount ...	9 9	105	16.3	8.7	12.5	-	20.0	17,20	3.3	30	15.5	-	3.03	-	.53	13	21	13	0	0	0	0	0	0	0	0	0	-	-	-
Down	Parkmore Forest	9 9	770	14.1	7.6	10.9	-	18.9	17	3.3	10,17	13.2	-	4.81	-	.84	28	21	16	0	0	0	0	0	0	0	0	0	-	-	-
	Black Mountain	21-9	969	14.1	7.7	10.9	-	17.7	17	4.1	30	-	-	3.61	-	.66	27	21	14	0	0	0	0	0	1	5	0	-	1	-	-
	Ballypatrick Forest	9 9	500	14.1	8.2	11.1	-	17.8	20	4.4																					

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

JULY
-JUNE.

1965

[illegible]

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

[illegible]

H See Notes on Tables in the Introduction.

TABLE VIII NUMBER OF DAYS IN JULY, 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°		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°
Lerwick Observatory	0	0	4	24	3	0	0	0	Edgbaston	0	0	0	7	23	1	0	0
Stornoway	0	0	0	24	7	0	0	0	Kew Observatory	0	0	0	0	21	10	0	0
Craibstone	0	0	1	26	4	0	0	0	Hastings	0	0	0	1	30	0	0	0
Rothsay	0	0	0	11	20	0	0	0	Southampton	0	0	0	0	21	10	0	0
Renfrew	0	0	0	8	19	4	0	0	Stonyhurst	0	0	0	11	19	1	0	0
Eskdalemuir Observatory	0	0	0	16	15	0	0	0	Bidston	0	0	0	10	19	2	0	0
Douglas	0	0	0	12	19	0	0	0	Valley	0	0	0	0	29	2	0	0
Cockle Park	0	0	0	17	14	0	0	0	Falmouth	0	0	0	6	24	1	0	0
Gorleston	0	0	0	3	24	4	0	0	Aldergrove	0	0	0	6	24	1	0	0
Cambridge	0	0	0	0	23	8	0	0	Armagh	0	0	0	2	27	2	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JULY, 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	807	16	196	23	475.2	31	430	13	136	28	281.0	31	958	16	230	23	570.6	31
Eskdalemuir Observatory	779	17	70	13	348.4	31	369	6	68	13	243.9	31	941	17	97	13	423.8	31
Cambridge	665	31	183	15	371.1	31	377	19	181	15	279.8	31	-	-	-	-	-	-
London (High Holborn)	661	24	117	15	355.0	31	345	4	108	15	239.0	31	849	16	165	15	448.5	31
Kew Observatory	679	24	116	15	383.0	31	351	18	111	15	263.0	31	810	24	148	15	458.2	31
Aberporth	809	24	197	12	486.1	31	363	29	159	31	282.9	29	-	-	-	-	-	-
Bracknell (Easthampstead)	688	24	133	15	394.3	31	356	29	131	15	274.5	31	835	24	175	15	487.8	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				
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N.	Speed		Hour ended at	Speed	Day and Time			
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	hr.	knots		knots	day hr.	knots	day	h.m.	
1957																				
November	Moor House	1960	50	45					368	162	31									
1960																				
October	Moor House	1960	50	45							235	189								
November	Moor House	1960	50	45							203	155								
1961																				
June	Moor House	1960	50	45							288	255	127							
August	Moor House	1960	50	45							313	168								
1962																				
November	Moor House	1960	50	45							305	234								
1964																				
November	Rannoch	1006	56	57	x															
December	Rothamsted	461	41	33							179	357								
1965																				
January	Rothamsted	461	41	33							210	456								
February	Rothamsted	461	41	33							454	111								
March	Bell Rock	128	131	124	1, 3, 16, 17, 27	31	26	276	351	67	19	0	19.8	160	43	3	15	54	3	1435
March	Paisley	188	81	31	-	0	1	1	206	347	190	0	7.4	160	23	3	09	42	3	0840
March	Rothamsted	461	41	33					119	474	147									
April	Rothamsted	461	41	33					126	400	194									
April	Sheffield	533	83	35	-	0	2	3	197	247	242	31	6.9	360	23	20	03	51	17	1235
May	Calshot	50	41	33	-	0	3	9	506	212	17	0	12.4	220	24	4	12	33	4	1120
May	Sellafield	83	39	35	-	0	0	0	222	443	79	0	8.4	320	21	5	15	31	5	1450

x Defective record

TABLE III—ADDITIONS AND CORRECTIONS - July 1965

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum			Total Fall			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	1 ft.															4 ft.	in	%	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in	in</

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Printed in England for H.M. Stationery Office by Key Swift Ltd. Edware. Wt. 15/PS407645 K 12 10/65 Grp S.T. 72.7.65.7

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

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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	SUN-SHINE
	*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

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									
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

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

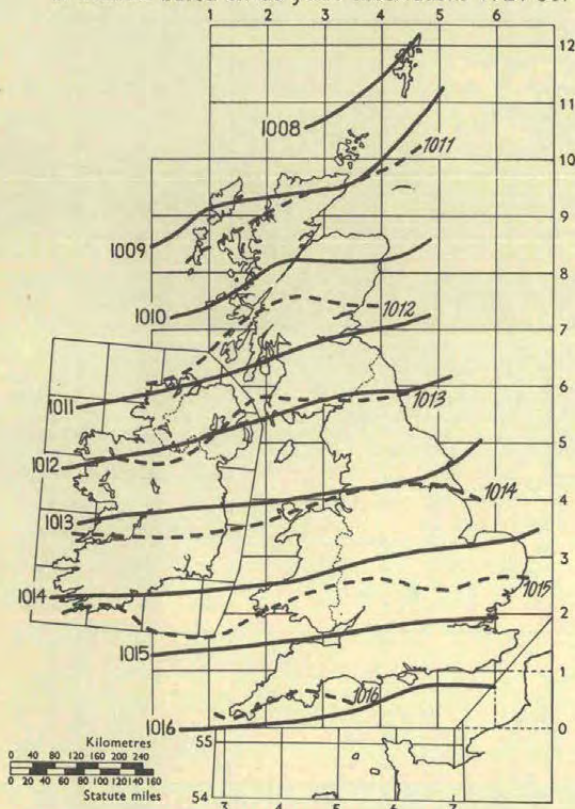
Meteorological Office: SIR GRAHAM SUTTON, C.B.E., D.Sc., F.R.S., Director-General

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

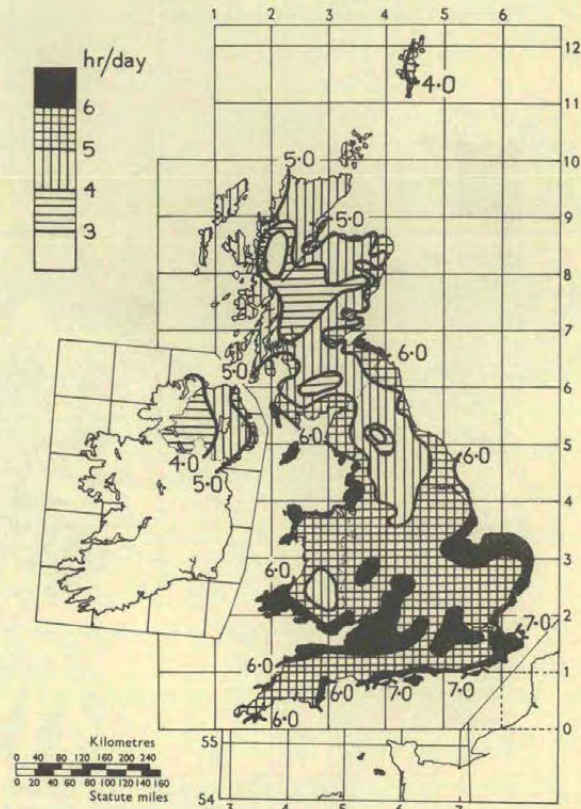
DISTRICT, COUNTY AND PLACE			Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Highest Velocities						
			Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		No Record	Mean Hourly Wind Speed	Highest 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		
			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	-	0	16	85	476	143	40	0	14.6	290	30	21	17	44	27	1905	
		Benbecula	52	33	33	-	0	1	2	154	295	293	0	6.2	270	26	5	18	45	28	1620	
1	Moray	Fort Augustus	189	53	53	-	0	8	37	337	299	71	0	11.0	240	29	28	14	42	5	2205	
		Kinloss	57	41	41	-	0	8	19	324	315	86	0	10.1	240	29	5	23	47	5	2230	
		Lossiemouth	101	80	60	-	0	4	8	345	301	90	0	10.0	210	23	5	22	38	5	2110	
	Aberdeen	Dyce	234	30	30	-	0	8	19	324	315	86	0	10.1	240	29	5	23	47	5	2230	
	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	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	335	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																	

MEAN PRESSURE AT 9 G.M.T.

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

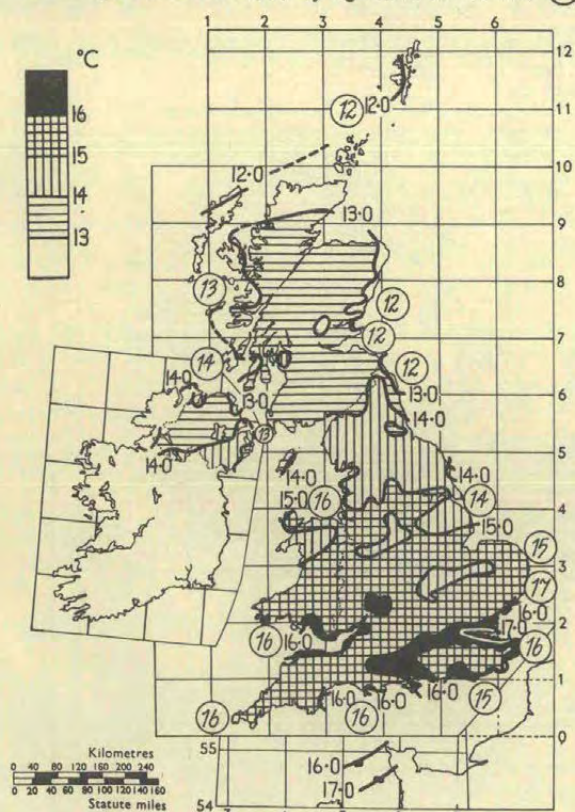


BRIGHT SUNSHINE

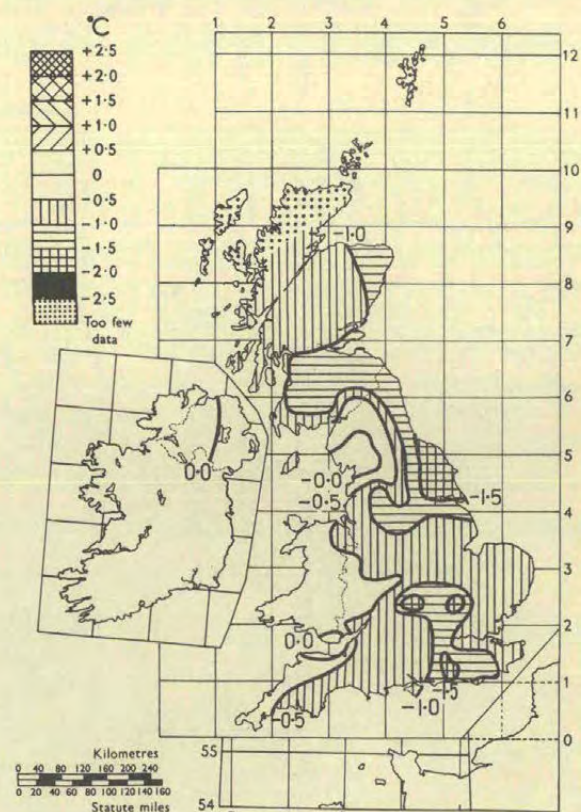


MEAN AIR TEMPERATURE

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



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

AUGUST 1965

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

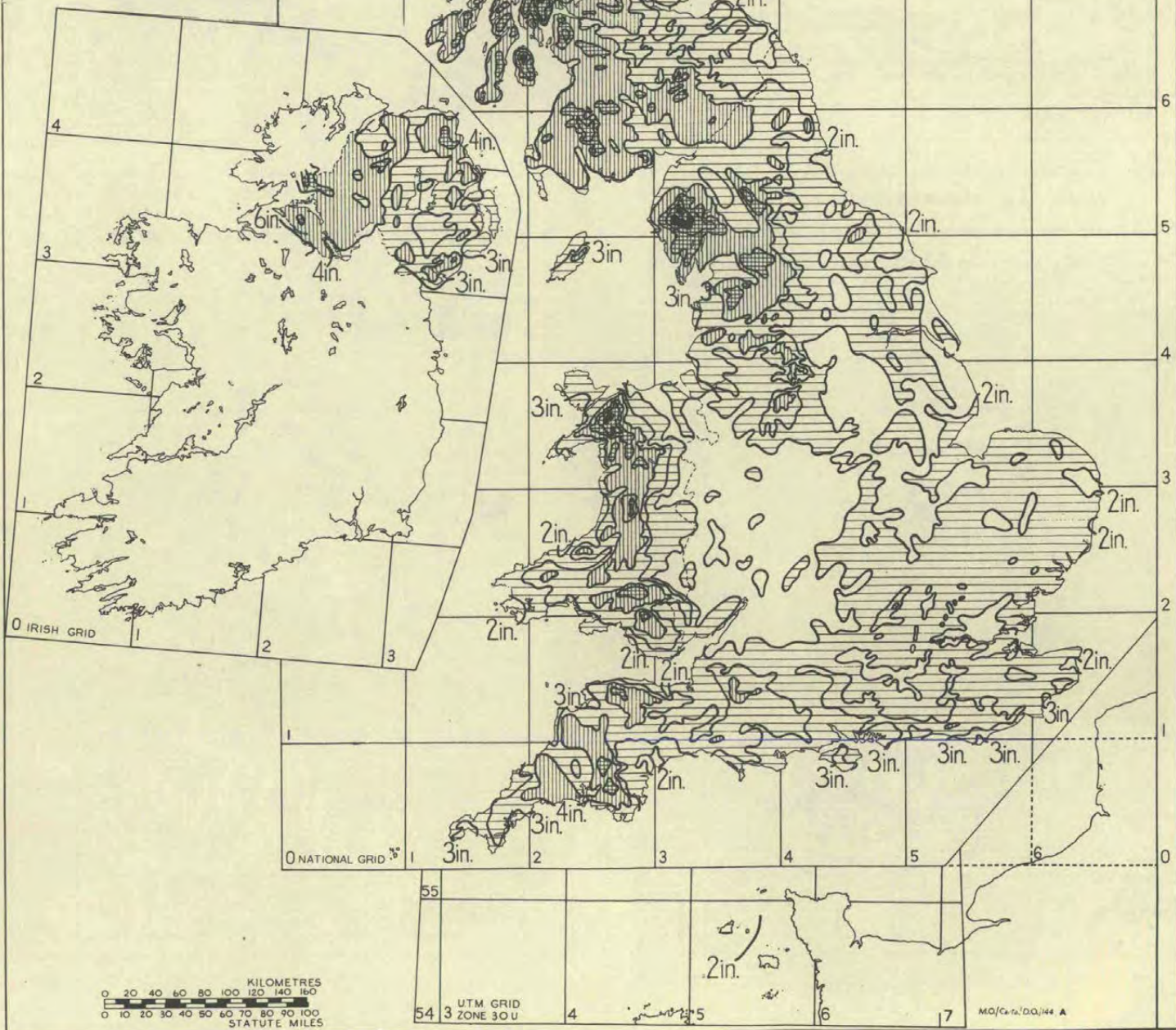
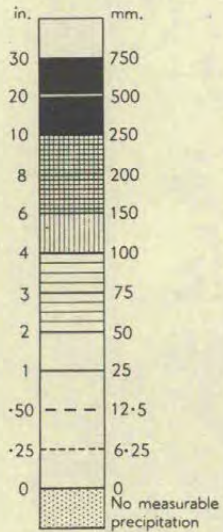


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 1965

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.		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.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
																													°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
0 SCOTLAND, N.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0 in. (0.2mm.) or more	0.1 in. (1.0mm.) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 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	Per-centage of Average	Most in a day		Precip'n 0.1in (0.2mm) or more	40in (1.0mm) or more	Snow or Sleet	Snow lying at 9h	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost +	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average			
				A Max.	B Min.			Maximum	Date	Minimum	Date					Amount	Date																
				G.M.T.	ft.			°C.	°C.	°C.	°C.					°C.	°C.														°C.	°C.	in.
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	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	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	1	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	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	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	0	2	0	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	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	4	0	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	0	1	0	0	2	0	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	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	0	0	1	-	-
	St. Abb's Head	9 9	245	15.5	9.7	12.6	-	21.0	18	5.8	9	-	-	-	-	-	-	-	-	0	0	0	0	0	1	1	0	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	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	0	1	0	0	0	1	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	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	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	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	0	3	0	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	0	0	0	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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Craigshouse	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	-	-	-	-
	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	0	1	1	0	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	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	-	1	0	0	0	0	0	0	0	5	0	-	-
	Lepinmore	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	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	4	-	-	-	-	-
	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	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	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	0	0	0	0	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	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	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	0	0	0	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	-	-	-	-	-	-	4	0	0	0	0	4.61	-	
	Stirling	9 9	151	17.7	9.6	13.7	-1.3	22.8	12	3.3	3	15.6	13.3	3.24	94	1.01	4	18	13	0	0	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	-	-	-
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	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	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	0	0	0	0	0	0	0	1	-	-
	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	0	0	0	0	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	0	0	0	3	0	4.72	

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 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		Near Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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 Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date																		
				°C.	°C.			°C.	°C.	°C.	°C.	°C.	°C.			in.	%													in.	
2 ENGLAND, N.E. cont.																															
Northumb-herland cont.	Berwick-on-Tweed	9 9	76	15.8	9.4	12.6	-1.6	19.4	18	2.8	9	-	-	2.35	87	.41	14	15	11	0	0	0	0	0	1	0	0	0	6.01	121	
	Cockle Park	9 9	326	16.9	8.8	12.9	-1.2	21.1	17	4.4	9	13.5	-	4.39	146	.60	7	19	18	0	0	0	0	1	1	0	0	0	4.61	99	
	Acklington	21-9	138	16.6	8.9	12.7	-	20.4	5	3.7	9	-	-	2.11	76	.47	24	16	11	0	0	0	0	2	0	0	0	0	5.77	-	
	Tynemouth	21-9	95	16.1	10.8	13.5	-1.4	20.0	5	7.4	27	-	-	1.97	65	.56	24	14	9	0	0	0	0	1	0	0	0	0	5.42	114	
Durham	Seahouses	21-9	37	16.1	9.0	12.5	-	20.9	5	4.5	9	-	-	2.39	-	.65	4	13	10	0	0	0	0	1	2	0	0	0	5.50	-	
	Chopwellwood	9 9	446	17.4	9.3	13.3	-1.4	21.1	12	5.0	27	-	-	2.83	92	.50	4	15	11	0	0	0	0	0	0	0	2	0	-	-	
	Ushaw College	9 9	594	17.2	8.3	12.7	-1.9	21.1	14	5.6	9	-	-	2.44	85	.62	4	14	9	-	-	-	-	-	-	-	-	-	-	-	
	Houghall	9 9	123	18.3	8.3	13.3	-1.5	22.2	12	1.1	27	-	-	2.10	72	.59	4	16	9	0	0	0	0	0	1	0	1	0	4.74	102	
	Durham	9 9	336	18.2	8.7	13.5	-1.4	22.2	14	4.4	9	14.7	13.4	2.16	80	.67	4	16	10	-	-	-	-	-	-	0	0	-	4.76	100	
	Gateshead	9 9	509	-	(9.7)	-	-	-	-	(5.6)	31	-	-	1.87	59	.43	4	12	9	-	-	-	-	-	-	-	-	-	5.21	-	
	West Hartlepool	9 9	30	17.7	10.4	14.1	-	21.7	18	6.1	27	-	-	2.16	81	.57	2	15	9	0	0	0	0	1	0	0	0	0	5.42	-	
	Dishforth	21-9	105	18.9	10.1	14.5	-1.1	24.0	14	3.9	27	-	-	2.19	88	.63	2	14	8	0	0	0	0	1	0	0	0	0	4.41	81	
Yorks., N. Riding	Thirsk	9 9	111	19.0	9.4	14.2	-	22.8	14	3.9	27	-	-	2.38	-	.74	2	17	10	0	0	0	0	2	0	0	0	0	-	-	-
	Ampleforth	9 9	313	18.0	9.9	13.9	-1.2	21.1	14	6.7	4, 22	-	-	3.51	114	.59	15	19	13	-	-	-	-	-	-	-	-	-	-	-	
	Redcar	9 9	25	18.3	10.8	14.5	-	22.8	12	6.1	9, 27	-	-	2.22	86	.55	14	16	9	-	-	-	-	-	-	-	-	-	5.34	-	
	Pickering	9 9	143	18.5	8.7	13.6	-	21.7	5, 11, 17	1.7	27	-	-	1.92	-	.54	24	17	10	0	0	0	0	1	0	0	1	0	-	-	-
	Whitby	9 9	135	17.7	10.2	13.9	-	21.1	5, 18, 19	4.4	9	-	-	-	-	-	-	-	0	0	0	0	0	1	0	-	-	-	6.07	120	
	Scarborough	9 9	118	17.6	10.8	14.2	-1.7	21.7	5	7.8	1	15.3	14.2	1.67	64	.33	2	15	12	0	0	0	0	1	1	0	0	0	5.40	105	
	Silpho Moor	9 9	665	16.4	8.9	12.7	-	20.6	5	2.8	9	12.8	-	2.33	68	.45	2	19	12	0	0	0	0	0	3	0	0	0	5.32	-	
	Whitby C/Guard	21-9	200	17.0	10.3	13.7	-	21.1	18	4.3	9	-	-	1.24	-	.51	24	11	8	0	0	0	0	2	2	0	0	1	-	-	-
Yorks., E. Riding	High Mowthorpe	9 9	574	17.6	9.2	13.4	-	20.6	5, 17	4.4	27	14.6	-	3.02	96	.70	24	15	12	-	-	-	-	-	1	0	0	0	5.52	-	
	Hull	9 9	8	19.1	11.1	15.1	-1.4	23.3	5	5.0	27	14.9	12.6	2.08	81	.80	24	14	10	0	0	0	0	1	0	0	0	0	5.56	106	
	Leconfield	21-9	24	18.9	10.0	14.5	-	22.7	5	5.1	27	-	-	2.13	-	.72	24	15	10	0	0	0	0	2	0	0	1	0	5.51	-	
	Filey	9 9	122	16.8	9.4	13.1	-	21.7	5	4.4	27	-	-	1.75	66	.41	2, 24	14	8	0	0	0	0	1	1	0	0	0	5.68	-	
	Bridlington	9 9	157	17.0	9.7	13.3	-	21.7	5	5.6	1, 27	-	-	2.06	78	.73	24	13	11	0	0	0	0	0	1	0	0	0	5.99	-	
	Kilnsea	21-9	40	17.2	11.3	14.3	-	22.0	5	7.0	27	-	-	1.74	-	.52	24	13	9	0	0	0	0	0	2	0	-	1	-	-	
	Navenby	9 9	60	19.9	9.4	14.7	-	24.4	14	5.0	22, 23, 27	-	-	2.05	-	.60	9	18	12	0	0	0	0	4	0	0	0	0	-	-	-
	Waddington	21-9	224	19.0	10.1	14.5	-1.6	23.0	14	5.6	27	-	-	1.96	-	.28	30	15	14	0	0	0	0	5	0	0	0	0	5.68	-	
Lincoln	Lincoln	9 9	22	19.4	9.5	14.5	-	23.9	11, 14	2.2	27	15.8	14.4	2.37	103	.60	8	18	10	0	0	0	0	1	0	0	0	0	5.43	-	
	Cranwell	9 9	205	19.4	10.1	14.7	-1.3	23.5	14	7.1	27	15.7	14.4	2.21	101	.57	9	16	10	0	0	0	0	2	0	0	0	0	5.37	96	
	Brigg	9 9	10	19.5	8.8	14.1	-	23.3	15	2.2	27	-	-	2.36	-	.51	24	18	14	0	0	0	0	1	1	0	0	-	-	-	
	Caistor	9 9	180	19.6	-	-	-	22.8	4, 5	-	-	-	-	2.47	-	.39	20	19	14	-	-	-	-	-	-	-	-	-	-	-	
	Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cleethorpes	9 9	23	18.6	11.2	14.9	-1.3	23.9	5	7.8	22	-	-	1.53	72	.43	24	12	8	-	-	-	-	1	0	-	-	5.16	92		
	Manby	21-9	55	19.1	10.0	14.5	-	24.1	5	6.9	9	-	-	1.31	60	.30	24	11	8	0	0	0	0	1	0	0	0	0	5.83	-	
	Skegness	9 9	15	19.2	10.9	15.1	-0.9	25.0	19	7.2	2, 27	-	-	2.52	118	.76	3	13	11	-	-	-	-	1	0	0	-	6.38	113		
3 ENGLAND, E.																															
Norfolk	Terrington	9 9	13	20.2	9.9	15.1	-	24.4	14	5.6	8	15.8	-	2.36	126	.55	24	11	9	0	0	0	0	1	0	0	0	0	6.18	-	
	St. Clement	21-9	76	19.7	10.5	15.1	-	23.6	14	5.4	2	-	-	2.23	-	.47	2	14	9	0	0	0	0	3	0	0	0	0	-	-	-
	Marham	9 9	80	20.4	9.1	14.7	-	24.4	14	2.8	8	15.9	-	2.91	117	.48	2, 19	14	13	-	-	-	-	-	-	-	1	-	5.94	-	
	Santon Downham	21-9	250	19.1	10.2	14.7	-	22.9	5	6.4	2	-	-	2.96	124	.50	24	14	12	0	0	0	0	3	0	0	0	0	0	6.66	-
	West Raynham	9 9	178	18.3	11.2	14.7	-1.7	23.9	5, 15, 18	7.2	2	-	-	2.30	105	.57	2	11	10	-	-	-	-	-	-	-	-	-	6.64	114	
	Cromer	9 9	93	19.9	10.4	15.1	-1.3	25.0	18	5.0	27	15.0	-	1.94	92	.47	19	13	11	0	0	0	0	0	0	0	0	0	6.07	106	
	Sprowston	21-9	55	19.3	10.5	14.9	-	24.2	5	6.0	9	-	-	2.37	-	.81	19	11	9	0	0	0	0	1	0	0	0	0	-	-	-
	Coltishall	9 9	89	19.4	10.8	15.1	-	24.4	5, 18	7.2	9	-	-	1.95	94	.50	2	12	8	0	0	0	0	1	0	0	0	0	6.49	-	
Suffolk	Burlingham	21-9	12	18.8	12.5	15.7	-0.8	25.0	5	9.0	1	-	-	2.20	109	.57	19	11	8	0	0	0	0	0	0	0	0	0	6.38	105	
	Gorleston	9 9	89	19.4	10.8	15.1	-	24.4	5, 18	7.2	9	-	-	1.95	94	.50	2	12	8	0	0	0	0	1	0	0	0	0	6.49	-	
	Mildenhall	21-9	15	20.5	10.9	15.7	-1.0	24.8	14	7.7	8	-	-	1.87	92	.45	2	13	10	0	0	0	0	2	0	0	0	0	6.08	102	
	Broom's Barn	9 9	246	19.9	10.2	15.1	-	23.9	18	7.8	2, 8, 9	-	-	2.78	-	.63	19														

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

DISTRICT, COUNTY AND PLACE		Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN FATH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)			WEATHER Number of days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	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.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																in.	%	in.	40in (0.2mm) or more	44in (1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	°C.	°C.	in.	%	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.	°C.	°C.	in.

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 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						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	1 ft.	4 ft.				Amount	Date	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more										
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr
5 ENGLAND, S.E.—cont.		G.M.T.	ft.																											
Surrey	Kew Observatory	21-9	18	20.7	12.5	16.6	-0.7	25.8	12	9.1	1	16.3	14.7	2.33	104	.63	2	12	11	0	0	0	0	2	0	0	0	0	6.06	100
	Gatwick	21-9	192	20.2	9.8	15.0	-	24.9	13	4.3	30	-	-	2.99	-	1.06	2	15	11	0	0	0	0	1	0	0	0	0	5.81	-
Kent	Waddon	9 9	220	20.4	11.6	16.0	-1.1	24.4	12	8.3	30	-	-	2.87	121	.65	2	13	12	-	-	-	-	-	-	-	-	-	-	-
	Addington	9 9	474	19.8	11.1	15.5	-1.1	23.9	12	8.3	1,23,30	-	-	3.07	121	.69	2	14	13	-	-	-	-	-	-	-	-	-	-	-
	Bromley	9 9	213																											
	Swanley	9 9	177	20.6	10.6	15.6	-	24.4	11	5.6	23	16.4	-	2.27	-	.51	2	13	10	0	0	0	0	0	0	0	0	5.60	-	
	Dartford	9 9	17	21.2	11.0	16.1	-	25.6	11	5.0	30	-	-	1.85	93	.48	2	15	9	0	0	0	0	1	0	0	0	-	-	-
	West Malling	21-9	304	19.9	10.6	15.3	-	23.7	12	6.4	1	-	-	2.65	-	.72	2	15	12	0	0	0	0	1	0	0	0	6.12	-	
	Goudhurst	9 9	280	20.3	10.3	15.3	-	25.0	13	5.6	23,30	-	-	3.00	109	1.49	2	14	10	0	0	0	0	1	0	0	0	-	-	-
	East Malling	9 9	122	20.8	10.4	15.6	-0.8	24.4	12	7.2	1,30	16.9	15.6	2.51	107	.79	2	14	14	0	0	0	0	1	0	0	0	5.88	97	
	Gillingham	9 9	14	21.2	12.1	16.7	-	24.4	15,18	9.4	13,31	-	-	2.04	-	.58	2	14	10	0	0	0	0	0	0	0	0	5.99	-	
	Sittingbourne	9 9	224	20.1	10.8	15.5	-	24.4	11	7.8	1,13,23	16.4	15.0	2.55	110	1.00	2	13	12	0	0	0	0	0	0	0	0	6.49	-	
	Isle of Grain	9 9	9	20.9	13.2	17.1	-	24.4	18	10.6	8,30	-	-	1.69	-	.47	2	14	9	0	0	0	0	0	0	0	0	5.83	-	
	Faversham	9 9	157	20.4	11.3	15.9	-	24.4	11,14	7.8	23	16.8	15.5	2.82	-	1.43	2	13	11	-	-	-	-	-	-	-	-	6.31	-	
Sussex	Dungeness	21-9	10	19.0	12.6	15.8	-0.9	21.3	11	7.1	30	-	-	2.39	118	.71	2	13	11	0	0	0	0	1	0	0	0	-	-	-
	Wye	9 9	185	-	-	-	-	-	-	-	-	-	-	2.95	118	1.22	2	14	12	0	0	0	0	0	0	0	0	-	-	-
	Whitstable	9 9	9	20.6	12.5	16.5	-	24.4	18	9.4	1,23	-	-	3.10	161	1.77	2	14	10	0	0	0	0	0	0	0	1	6.58	-	
	Folkestone	9 9	128	20.2	12.5	16.3	-	22.8	5,13	7.8	1	15.4	-	2.55	126	1.37	2	15	10	0	0	0	0	1	0	0	0	6.87	-	
	Elmstone	9 9	28	20.6	11.1	15.9	-	25.0	5	6.7	1	-	-	2.03	-	.78	2	17	10	-	-	-	-	-	-	-	-	-	-	
	Herne Bay	9 9	21	20.8	13.2	17.0	-	25.0	5,18	9.4	1	-	-	2.31	115	1.04	2	13	10	0	0	0	0	0	0	0	0	6.59	-	
	Dover	9 9	19	19.7	13.3	16.5	-0.5	22.8	13	9.4	1	17.7	16.7	2.25	101	1.00	2	15	11	0	0	0	0	2	0	0	0	6.73	-	
	Deal	21-9	18	19.6	13.0	16.3	-	24.8	14	9.0	1	-	-	1.92	-	.99	2	13	9	0	0	0	0	2	0	0	0	-	-	-
	Manston	21-9	145	19.7	11.9	15.8	-	23.8	5	7.0	1	-	-	2.40	-	.76	2	16	11	0	0	0	0	2	1	0	0	-	-	-
	Ramsgate	9 9	80	19.7	13.3	16.5	-	24.4	5	8.9	1	-	-	2.51	119	.77	2	14	10	0	0	0	1	0	2	0	0	7.09	110	
	Margate	9 9	51	19.5	13.7	16.6	-0.9	23.9	5,18	8.9	1	17.1	15.6	2.35	123	.88	2	14	10	0	0	0	0	0	1	0	0	0	7.04	108
	Thorney Island	21-9	10	19.9	12.1	16.0	-	24.6	12	7.8	1	-	-	2.47	115	1.04	2	13	8	0	0	0	0	1	2	0	0	0	5.92	-
Berkshire	Bognor Regis	9 9	24	18.6	12.4	15.5	-1.3	22.2	12	8.3	1	15.6	-	3.64	156	1.73	2	15	12	0	0	0	0	1	0	0	0	1	6.53	96
	Fernhurst	9 9	188	19.9	10.1	15.0	-	25.6	13	6.1	30	16.3	-	2.84	104	.99	2	16	11	0	0	0	0	0	0	0	0	6.10	-	
	Littlehampton	9 9	15	19.1	12.1	15.6	-1.2	23.3	12	7.2	1	15.6	-	2.97	130	1.20	2	12	9	0	0	0	1	0	0	0	0	6.62	96	
	Rustington	9 9	10	19.0	11.3	15.1	-	23.3	12	7.2	30	14.7	-	2.99	-	1.28	2	11	10	-	-	-	-	-	-	-	-	5.49	-	
	Worthing	9 9	25	19.7	13.3	16.5	-0.7	22.8	12	10.0	30	16.9	15.4	2.85	125	1.44	2	10	7	0	0	0	0	2	0	0	0	6.57	93	
	Brighton	9 9	32	19.1	13.6	16.3	-	25.0	12	10.6	22,25,30	-	-	3.25	143	1.88	2	9	8	0	0	0	0	0	0	0	0	6.19	91	
	East Grinstead	9 9	400																											
	East Hoathly	21-9	130	19.6	10.5	15.1	-	23.9	12,13	4.0	1	-	-	3.47	-	1.53	2	14	11	0	0	0	0	2	0	0	0	5.66	-	
	Eastbourne	9 9	23	18.9	13.4	16.1	-1.0	21.7	15	10.6	1,29	17.6	16.3	2.98	121	1.24	2	13	10	0	0	0	0	0	0	0	0	7.12	100	
	Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bexhill	9 9	12	19.1	12.9	16.0	-0.8	23.3	12	7.2	1	17.3	-	2.28	101	1.32	2	13	9	0	0	0	0	0	0	0	0	0	6.77	101
	Hampshire	Bodiam	9 9	73	20.5	10.5	15.5	-	24.4	13,14	5.0	1,30	17.3	15.4	2.78	107	1.56	2	12	8	0	0	0	0	1	1	0	0	0	5.75
Hastings		9 9	149	19.2	12.9	16.1	-0.7	23.3	12,13	8.9	1,25	17.6	16.3	2.26	100	1.28	2	12	10	0	0	0	0	0	0	0	0	0	6.65	97
Letcombe Regis		9 9	350	20.2	10.1	15.1	-	25.0	12	6.7	8	-	-	1.84	-	.91	2	13	9	0	0	0	0	0	1	0	0	-	-	-
Abingdon		21-9	210	20.2	10.3	15.3	-1.3	25.2	12	6.0	1	-	-	1.99	95	1.01	2	13	7	0	0	0	0	1	0	0	0	5.33	-	
Compton		9 9	339	19.8	(9.4)	14.6	-	24.4	12,(13)	5.6	23,30	16.9	-	1.70	-	.75	2	12	10	0	0	0	0	1	0	0	0	-	-	-
Wallingford		9 9	157	20.4	9.4	14.9	-	25.6	12	4.4	8	16.1	14.2	1.85	-	.67	2	12	8	0	0	0	0	0	0	0	0	5.67	-	
Shinfield		9 9	200	20.5	10.7	15.6	-1.1	25.6	12	6.7	1	-	-	2.08	92	.94	2	11	7	-	-	-	-	-	-	-	-	5.33	-	
Reading		9 9	148	20.7	11.4	16.1	-1.0	25.6	12	7.8	1	17.5	16.2	2.32	105	.85	2	13	10	0	0	0	0	1	0	0	0	5.78	-	
Reading S.T.G.*		9 9	141	20.7	11.1	15.9	-	25.6	1																					

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER AUGUST, 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			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 t	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average					
				A	B		Maximum	Date	Minimum			Date	1 ft.														4 ft.	Amount	Date	0.1in. (0.3mm) or more	0.01in. (0.3mm) or more	0.001in. (0.025mm) or more
				Max.	Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%		
7a ENGLAND, N.W.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																	
Lancashire	Squires Gate ...	21-9 33	18.4	11.6	15.0	-0.5	25.6	13	1.9	27	-	-	2.76	79	.63	20	16	12	0	0	0	0	0	0	0	1	0	6.47	113		
	Urswick ...	9 9 130	18.3	10.6	14.5	-	23.9	12,13	3.3	27	-	-	4.50	99	1.22	20	16	12	0	0	0	0	0	1	0	1	-	-	-		
	Southport ...	9 9 16	18.1	11.1	14.6	-	25.0	12,13	2.8	27	15.4	12.6	3.78	110	.76	20	20	15	-	-	-	-	-	0	0	0	-	6.41	-		
	Poulton-le-Fylde ...	9 9 38	17.7	11.2	14.5	-	24.4	12	3.3	27	-	-	2.94	77	.60	20	17	13	0	0	0	0	0	0	0	0	-	-	-		
	Grizedale ...	9 9 300	17.4	8.5	12.9	-	25.6	12	2.2	27	15.1	-	7.63	-	1.90	20	19	16	0	0	0	0	0	0	0	0	-	-	-		
	Speke ...	21-9 80	19.1	12.0	15.5	-	25.8	12	7.7	27	-	-	3.59	115	.65	2	19	16	0	0	0	0	1	0	0	0	5.77	-	-		
	Kirkham ...	9 9 78	18.4	10.5	14.5	-	25.0	12	2.2	27	-	-	3.83	129	.58	24	18	14	0	0	0	0	0	0	0	1	0	6.41	-		
	Garstang ...	9 9 68	17.9	10.8	14.3	-	24.4	12	2.8	27	-	-	3.31	86	.70	24	20	14	-	-	-	-	-	0	0	0	-	5.28	-		
	Morecambe ...	9 9 24	18.2	12.2	15.2	-0.7	25.6	12	6.7	27	-	-	3.37	86	.73	4	19	13	0	0	0	0	0	0	0	-	6.21	112	-		
	Penketh ...	9 9 50	19.2	10.7	14.9	-	25.0	13	3.9	27	15.1	13.8	2.95	-	.70	20	18	14	0	-	-	-	-	0	0	5	-	5.95	-		
	Preston ...	9 9 108	18.2	10.8	14.5	-	25.0	12	3.9	27	-	-	3.88	93	.90	24	20	14	0	0	0	0	1	1	0	1	0	-	-	-	
	Stonyhurst ...	9 9 377	17.6	10.2	13.9	-1.2	23.9	12	3.3	27	-	-	4.44	90	.66	24	19	15	-	-	-	-	-	1	0	0	-	5.12	103	-	
	Manchester W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.02	-	-	
	Helmshore ...	9 9 854	16.6	9.9	13.3	-	22.2	12	5.0	27	13.0	-	-	4.64	77	.87	20	20	15	-	-	-	-	-	2	0	0	-	5.15	-	-
Burnley ...	9 9 655	17.1	9.9	13.5	-	22.8	12	3.3	27	13.6	12.1	3.18	-	.48	4	19	15	0	0	0	0	0	3	0	0	0	4.87	-	-		
Nelson ...	9 9 540	17.1	10.2	13.7	-	22.8	12	3.3	27	14.7	12.6	3.39	78	.52	24	19	15	-	-	-	-	-	1	0	1	-	4.50	-	S		
Rochdale ...	9 9 362	18.1	10.1	14.1	-	23.9	12	3.3	27	-	-	3.87	86	.66	24	19	15	0	0	0	0	1	0	0	0	0	-	-	-	-	
Cheshire	Bidston Obs'y. ...	9 9 198	17.8	12.0	14.9	-0.7	25.6	12	10.0	2,26,30	-	-	2.77	88	.48	20	15	12	-	-	-	-	-	0	0	0	-	6.38	117	-	
	Winnington ...	9 9 65	19.6	11.7	15.7	-	24.4	12,13	6.7	27	-	-	2.89	94	.54	2	16	12	0	0	0	0	3	0	0	0	-	-	-	-	
	Knutsford ...	9 9 212	19.2	10.2	14.7	-	24.4	12,13	5.0	27	16.2	15.2	2.89	85	.45	20,25	18	12	-	-	-	-	-	0	0	-	-	-	-	-	
	Ringway ...	21-9 248	18.7	11.1	14.9	-0.8	25.0	12	6.0	27	-	-	1.95	61	.48	20	16	10	0	0	1	0	3	0	0	0	5.45	112	-	-	
	Macclesfield ...	9 9 500	18.2	10.6	14.4	-1.1	23.9	12	5.6	27	-	-	3.56	100	.90	2	16	12	0	0	0	0	2	0	0	-	-	-	-	-	
7b NORTH WALES																															
Flint	Rhyl ...	9 9 31	18.7	11.8	15.3	-0.5	26.7	12	6.1	9	-	-	1.99	81	.51	24	14	13	0	0	0	0	0	0	0	0	0	6.32	116	-	
	Prestatyn ...	9 9 12	18.6	12.1	15.3	-	25.6	12	6.7	9	-	-	1.94	71	.46	24	15	11	0	0	0	0	0	0	0	-	5.59	108	-		
	Hawarden Bridge ...	9 9 17	19.7	10.9	15.3	-0.9	25.6	12	5.6	9	-	-	1.72	65	.33	24	17	8	0	0	0	0	0	0	0	-	-	-	-	-	
Anglesey	Valley ...	21-9 33	18.3	11.8	15.1	-0.4	27.8	13	5.5	9	-	-	3.17	109	.69	3	15	11	0	0	0	0	0	0	0	2	6.56	111	-		
Denbigh	Colwyn Bay ...	9 9 118	18.5	12.1	15.3	-0.6	26.1	12	7.8	1,9	15.9	-	1.38	53	.48	24	13	9	0	0	0	0	0	0	0	-	6.00	109	-	-	
	Alwen ...	9 9 1100	16.3	8.2	12.3	-	22.8	12	0.0	9	-	-	2.58	62	.41	20	16	14	-	-	-	-	-	0	1	-	-	-	-	-	
	Ruthin ...	9 9 248	18.5	9.0	13.7	-	23.3	13	2.2	9	-	-	1.81	-	.39	31	17	11	-	-	-	-	-	0	0	-	5.39	-	-	-	
	Loggerheads ...	9 9 690	17.6	9.4	13.5	-	23.9	12	1.7	9	14.1	13.4	1.81	-	.53	24	17	13	0	0	0	0	0	0	0	0	-	-	-	-	
	Bwlchgwyn ...	9 9 1267	15.9	8.7	12.3	-	22.2	12	-0.6	9	12.6	-	2.20	57	.45	24	15	12	0	0	0	0	0	1	0	2	-	-	-	-	
	Wrexham ...	9 9 275	19.2	10.5	14.9	-	25.0	12	5.0	9	15.0	13.9	1.36	50	.38	20	13	10	0	0	0	0	0	0	1	-	-	-	-	-	
Caernarvon	Bardsey Island ...	21-9 61	16.8	12.9	14.9	-	20.9	13	9.6	9	-	-	2.13	-	.47	3	12	11	-	-	-	-	-	0	0	0	-	-	-	-	
	Botwnnog ...	9 9 112	17.9	11.3	14.6	-	25.0	12	5.6	9	16.8	15.0	2.58	-	.61	20	11	10	0	0	0	0	0	0	0	0	6.35	-	-	-	
	Bryn Adda ...	9 9 275	18.3	11.5	14.9	-	26.7	12	6.1	9	-	-	3.38	83	.92	20	15	13	0	0	0	0	0	0	0	0	5.66	-	-	-	
	Cwm Dyli ...	9 9 324	17.7	10.8	14.3	-	25.6	12	5.6	9,17	15.2	-	10.23	81	2.34	20	21	17	-	-	-	-	-	0	0	1	-	-	-	-	
	Aber ...	9 9 60	-	11.8	-	-	-	-	5.0	9	-	-	2.57	71	.63	20	17	11	0	0	0	0	0	0	0	0	5.73	110	-	-	
	Llandudno ...	9 9 13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merioneth	Llyn Stwlan ...	9 9 1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog ...	9 9 750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen ...	9 9 473	18.1	9.1	13.6	-	24.4	12	1.7	9,17	-	-	1.87	54	.47	22	16	9	0	0	0	0	0	0	0	0	-	-	-	-	-
Montgomery	Ceiriws ...	9 9 200	18.8	9.8	14.3	-	25.6	12	1.7	9	-	-	6.73	-	1.97	20	21	19	-	-	-	-	-	0	0	1	-	-	-	-	-
	Lake Vyrnwy ...	9 9 995	16.8	9.2	13.0	-	23.3	12	3.9	9	13.9	-	3.76	74	1.05	20	19	16	0	0	0	0	1	0	0	6	-	-	-	-	-
8a SOUTH WALES																															

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	3	6	8	9	0-44 yd.	45-210 yd.	210-430 yd.	440-1,080 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	NE	E	SE	S	SW	W	NW																											
																												14 or more	12 to 13	11 to 12	10 to 11	9 to 10									8 to 9	7 to 8	6 to 7	5 to 6	4 to 5	3 to 4	2 to 3	1 to 2	0																		
																																	Speed in knots																																		
0 SCOTLAND, N.																																	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																											
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	0	5	6	9	7	0	4	13	12	2	5	1	2	5	5	4	4	3																										
			9	273	1008.5	-	11.4	0.8	12.2	90	6.5	0	3	3	12	10	3	0	3	0	1	0	1	0	5	6	9	7	0	4	13	12	2	5	1	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	0	5	8	6	7	0	6	15	10	0	4	3	0	4	6	8	4	2																										
			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																											
Orkney	Kirkwall	H	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	3	2	0	1	5	4	5	7	4	4																											
			9	86	1008.8	-	11.9	0.9	12.4	89	6.8	0	2	2	14	11	2	0	0	1	1	0	0	7	8	8	6	0	5	16	10	0	7	2	1	5	5	4	6	1																											
			15	86	1009.0	-	13.4	1.8	12.2	79	6.1	0	1	9	13	8	0	0	0	0	1	0	0	5	5	12	12	0	3	21	7	0	5	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	1	2	0	3	5	11	9	0	2	15	11	3	3	0	1	4	7	3	6	4																											
Caithness	Wick	H	3	121	1008.5	-	9.7	0.5	11.3	93	5.4	0	7	4	12	6	2	0	1	0	0	0	9	1	13	6	0	1	14	14	2	2	0	1	7	5	3	7	4	6																											
			9	121	1008.9	-2.0	12.4	1.3	12.2	85	6.6	1	0	4	18	8	0	0	0	0	2	0	0	4	5	7	13	0	3	20	8	0	4	0	0	7	5	3	6	6																											
			15	121	1009.1	-	13.6	2.1	12.0	77	6.2	1	0	5	23	2	0	0	0	0	0	0	4	6	11	10	0	4	18	9	0	3	1	2	8	3	3	5	6																												
			21	121	1009.4	-	10.9	0.9	11.7	89	5.8	0	7	0	19	5	0	0	0	0	0	0	1	5	4	13	8	0	1	16	13	1	1	1	2	6	8	1	6	5																											
Sutherland	Cape Wrath	H	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																												
			9	371	1007.7	-	12.2	1.5	11.8	83	6.6	1	0	4	16	9	1	0	0	1	1	0	9	1	4	15	0	5	11	15	0	5	1	2	2	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	9	5	2																													
			21	371	1008.2	-	11.7	1.3	11.8	85	6.2	0	1	7	15	7	1	0	0	1	0	0	3	5	3	19	0	7	5	18	1	5	2	2	4	7	4	5	1																												
Ross & Cromarty	Stornoway	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	16	6	0	0	0	0	0	5	8	10	8	0	1	16	14	0	3	0	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	3	10	7	11	0	4	17	10	0	3	5	0	2	9	3	6	3																												
			21	16	1009.2	-	11.6	0.9	12.3	90	5.9	0	3	7	11	10	0	0	0	0	0	0	6	6	11	8	0	2	10	16	3	4	2	5	2	5	4	3	3																												
Inverness	Benbecula	H	3	21	1008.7	-	11.6	0.8	12.5	90	5.8	1	5	3	10	12	0	0	0	0	0	1	0	5	6	10	9	0	2	21	5	3	6	0	2	5	3	8	5	5																											
			9	21	1009.2	-	13.0	1.5	12.4	83	5.7	0	5	7	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	3	0	5	4	5	8	3																												
			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	8	0	3	3	4	5	6	2																												
1 SCOTLAND, E.																																	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																											
Moray	Kinloss	H	3	19	1009.3	-	11.0	1.2	11.3	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																												
			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	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																												
Aberdeen	Dyce	H	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																											
			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	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	1	1	17	5	0	0	0	3	8	5	6	4																												
Fife	Leuchars	H	3	108	1009.7	-	10.0	0.8	11.2	91	5.0	0	6	8	12	2	3	0	1	0	2	0	5	23	0	0	2	10	19	0	0	2	3	9	6	9	2																														
			9	108	1009.6	-	12.5	1.3	12.2	84	5.9	0	3	8	15	4	1	0	0	1	0	0	6	8	16	0	0	1	19	11	0	1	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	3	13	14	0	0	2	20	9	0	3	2	1	4	7	4	5	5																													
			21	108	1010.4	-	11.4	1.1	11.7	87	5.8	0	3	7	16	2	3	0	0	1	1	0	1	4	20	4	0	3	11	13	4	0	0	2	4	11	2	3	5																												
Midlothian	Turnhouse	H	3	38	1009.7	-	9.9	0.5	11.5	92	5.2	1	0	10	10	10	0	0	0	0	0	0	4	3	4	18	2	0	0	7	22	2	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	1	15	14	1	0	0	7	2	0	12	7	2																											
			15	38	1010.1	-	15.6	2.9	12.5	70	6.6	0	1	4	19	7	0	0	0	0	0	1	6	3	8	13	0	2	23	6	0	2	2	8	2	2	9	5	1																												
			21	38	1010.6	-	11.7	1.2	11.8	85	6.3	0	2	6	17	6	0	0	0	1	0	0	7	3	13	7	0	2	12	15	2	2	1	7	2	1	14	1	1																												
Argyll	Tiree	H	3	144	1010.6	-	10.5	0.8	11.7	91	4.7	2	8	3	13	5	0	0	1	1	0	1	4	10	13	1	0	1	10	14	6	2	2	1	0	1	14	5	0																												
			9	144	1011.1	-	14.0	2.1	12.3	77	5.1	0	6	9	14	2	0	0	0	0	0	3	7	9	7	5	0	1	11	18	1	0	7	1	0	2	11	9	0																												
			15	144	1010.6	-	16.3	3.4	12.2	66	6.3	0	1	6	18	6	0	0	0	0	0	0	7	6	8	10	0	1	18	12	0	2	6	1	2	3	9	7	1																												
			21	144	1011.3	-	12.3	1.4	12.0	83	5.2	0	9	3	14	5	0	0	0	0	0	1	4	9	10	5	2	0	1	10	18	2	1	4	2	3	2	13	2	2																											
6a SCOTLAND, W.																																	G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																											
Argyll																																																																			

[illegible]

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

[illegible]

TABLE VIII—NUMBER OF DAYS IN AUGUST, 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° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	0° or less	0° to 5°	5° to 10°	10° to 15°	Above 15°	0° or less	0° to 5°	5° to 10°		10° to 15°	Above 15°	0° or less	0° to 5°	5° to 10°	10° to 15°	Above 15°	0° or less	0° to 5°	5° to 10°	10° to 15°	Above 15°				
Lerwick Observatory	0	0	1	27	3	0	0	0	0	0	0	0	20	11	0	0	0	0	26	11	0	0	0	0	0	11	20	6					
Stornoway	0	0	0	21	9	1	0	0	0	0	0	3	14	14	0	0	0	0	13	18	0	0	0	0	0	2	26	0					
Craibstone	0	0	0	8	23	0	0	0	0	0	0	4	16	11	0	0	0	0	23	19	0	0	0	0	0	22	58	0					
Rothsay	0	0	0	6	23	0	0	0	0	0	0	0	17	13	1	0	0	0	14	17	0	0	0	0	0	3	25	1					
Renfrew	0	0	0	4	24	3	0	0	0	0	0	4	12	14	1	0	0	0	5	23	3	0	0	0	0	1	15	15	0				
Eskaudemir Observatory	0	0	0	10	18	3	0	0	0	1	3	20	7	0	0	0	0	3	21	6	1	0	0	0	0	6	24	1	0				
Douglas	0	0	0	12	18	1	0	0	0	0	0	3	18	0	0	0	0	0	8	1	2	0	0	0	0	7	23	2	0				
Cockle Park	0	0	0	7	23	1	0	0	0	0	2	21	8	0	0	0	0	0	8	1	0	0	0	0	0	2	23	0	0				
Gorleston	0	0	0	1	23	7	0	0	0	0	0	0	3	22	6	0	0	0	5	22	4	0	0	0	0	4	11	16	0				
Cambridge	0	0	0	0	15	15	1	0	0	0	0	0	14	17	0	0	0	0	4	22	3	0	0	0	0	2	13	16	0				
Edgbaston	0	0	0	0	26	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	20	6	0				
Kew Observatory	0	0	0	0	0	13	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	58	0	0				
Hastings	0	0	0	0	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	58	0	0				
Southampton	0	0	0	0	14	17	0	0	0	0	0	0	0	0	0	0	0	0	0	14	3	0	0	0	0	3	25	1	0				
Stonyhurst	0	0	0	0	5	23	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	15	0	0			
Bidston	0	0	0	0	3	21	6	1	0	0	0	0	0	0	0	0	0	0	0	3	21	6	1	0	0	6	24	1	0				
Valley	0	0	0	0	12	18	1	2	0	0	0	0	3	18	0	0	0	0	0	8	1	2	0	0	0	0	7	23	2	0			
Falmouth	0	0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	0	0	0	0	0	2	23	0	0			
Aldergrove	0	0	0	0	5	22	4	0	0	0	0	0	0	0	0	0	0	0	0	5	22	4	0	0	0	0	4	11	16	0			
Armagh	0	0	0	0	4	22	3	0	0	0	0	0	0	0	0	0	0	0	0	4	22	3	0	0	0	2	13	16	0	0			

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, AUGUST, 1965

[illegible]

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours Max. Min.	Height of Station above Mean Sea Level ft.	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 3 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	Per- centage of A- verage	Most in a day		Precip'n		Snow or Sleet	Ice or snow pellets etc.	Thunder heard	Fog at 3h.	Air Frost	Grass min below 32° C.	Gale	Daily Mean	Per- centage of A- verage			
				A	B			Maximum	Date	Minimum					Date	Amount	Date	0.01 in (0.2mm) or more										0.01 in (1.0mm) or more		
				A Max.	B Min.			Maximum	Date	Minimum					Date	Amount	Date	0.01 in (0.2mm) or more										0.01 in (1.0mm) or more		
1963		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in	%	in.												hr	%			
October	Huntly											1.15																		
Annual	Huntly											34.65																		
1964																														
Annual	Kensington Palace			14.2		10.7												14	9											
1965												1.65																		
January	Pontefract																	14	9											
	Askham Bryan					0.0																								
February	Brigg																								17	0	1.26	50		
	Llandudno			6.0	1.9	3.9	-1.4	8.9	12	-3.8	3			.43	20	.18	28	8	5	3	0	0	0	0	0	7				
	Blaenau Ffestiniog			-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
March	Bromley			9.9	2.2	6.1	-0.4	23.3	29	5.6	3			1.84	114	.40	20.25	17	9	4	1	0	0	0	0	9				
	Llandudno			9.7	2.9	6.3	-0.6	20.6	29	-6.7	2			1.66	89	.38	20	13	9	4	1	0	0	0	0	8		0	4.38	111
	Blaenau Ffestiniog			-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
April	Bromley			12.9	5.0	8.9	-0.4	19.4	3	1.1	19			1.61	79	.22	8.26	19	14	-	0	-	-	-	2	0			-	
	Ilfracombe			11.7	6.8	9.3	0.0	17.8	2	3.3	22	10.6	10.2	2.19	96	.52	9	16	13	0	0	0	0	0	0	0	3	1	6.25	105
	Bryn Adda																											5.28		
	Chesterfield			12.3	3.2	7.7	-	19.4	2	-1.1	1														1					
May	Chapel en le Frith			14.6	6.8	10.5	-	25.6	14	-1.7	19.20																			
	Morley			15.3		11.2																								
	Oaken				6.8	11.4				1.1	19.20			2.01				17	16											
	Camden Square				9.2	13.2	-0.1			3.9																				
	Cwn Dyll				6.0	10.3																								
	Mackworth																	14	13											
	Belper													2.41	109			15	11											
	Santon Downham													1.68																
	Creden Hill													1.64	-	.41	17	14	12	-	0	-	-	-	7	0	-	-	-	
	Maldon													1.46		.32	27	19	12											
June	Sutton Bonington			18.3		13.9	-0.5																							
	Cardiff													4.68	205			13	11											
	Portland Bill													2.18	164															
	Ilfracombe			16.4				18.3	14.90	7.8	2	16.3	14.5	3.87	201	.80	17	15	12	0	0	0	0	0	0	0	0	0	6.52	85
	Benmore F. S.																													
	Penticuik																											4.60		
	Wick																											9.71	61	
	Rugby													2.46				14	11											
	Maldon			19.1	10.0	14.5								1.89				12	7											
	Whitby			17.6		13.5								1.24		.50	21	11	8									6.20		
	Compton			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bognor Regis			16.5	10.8	13.7	-1.2	21.7	29	7.2	4.7	-	13.2	2.48	163	1.33	16	10	7	0	0	0	0	0	0	0	1	6.18	80	
	Sellafield			16.0	10.3	13.1	-	20.0	9	4.4	2	-	-	3.74	141	.67	17.20	15	15	-	0	-	-	-	0	0	0	-	5.63	
	Letchmore Regis													2.80		.55	14	18	15											
July	Eastbourne (C. G.)			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Prestatyn																													
	Point of Ayre			16.7	10.7	13.7	-	20.0	24	6.3	18	-	-			.53	20			0	0	0	0	1	0	0	-	0		
	Compton			(18.1)	(9.6)	(13.9)	-	22.2	14	3.3	4.17	(16.7)	-	2.92	-	.45	11	16	14	0	0	1	0	1	0	0	1	0	-	-
	Lyonshall			17.7	9.7	13.7	-2.0	20.6	14	4.4	4.31	-	-	2.92	-	1.01	14	19	14	-	-	-	-	-	-	0	0	-	-	-

TABLE IV—ADDITIONS AND CORRECTIONS

[illegible]

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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

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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.

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									
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

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

(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							
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

Meteorological Office: DR. B. J. MASON, Director-General

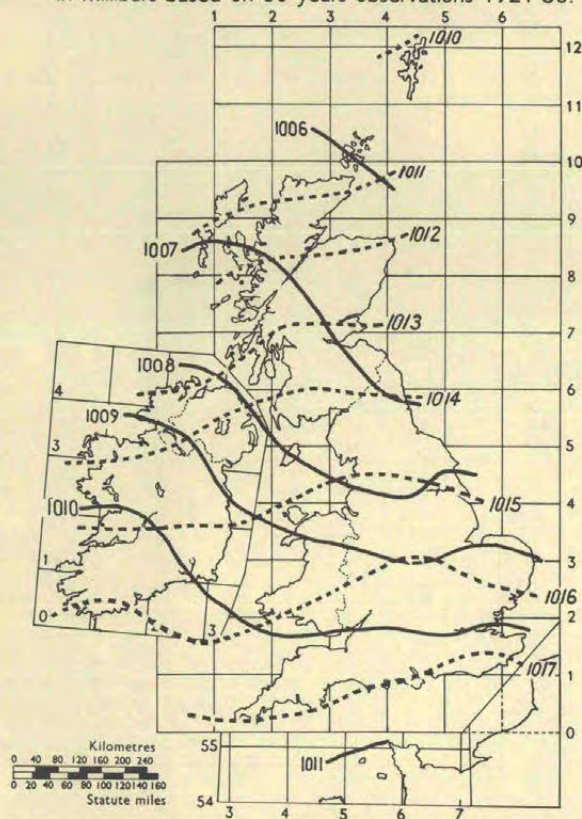
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER, 1965

(1914)

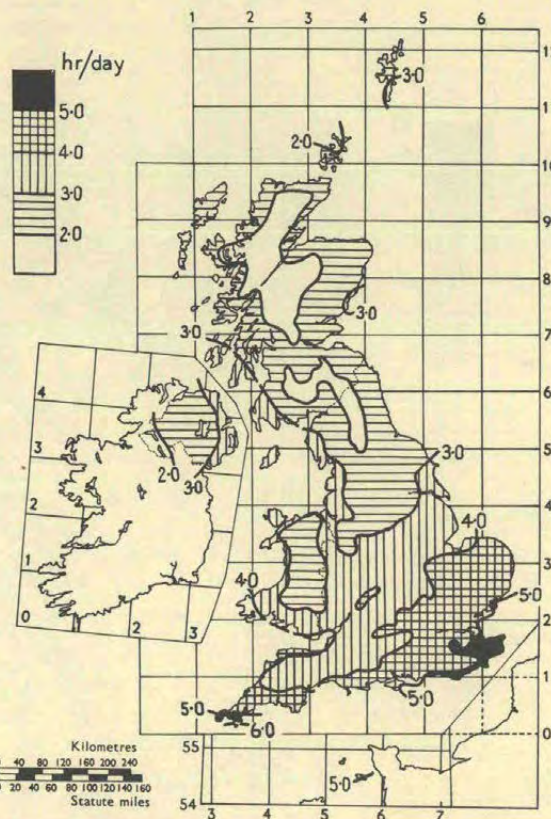
DISTRICT, COUNTY AND PLACE			Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities						
			Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			No Record		Highest Hourly Wind			Highest Gust	
						Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	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	21	3	15	92	358	246	21	0	13.4	220	35	21	13	53	21	1300		
	Orkney	Kirkwall	134	50	33	-	0	11	51	419	213	37	0	12.7	250	31	21	17	45	21	1700		
	Caithness	Dounreay	110	39	30	9, 21, 25, 26	10	10	64	370	212	46	18	13.2	140	39	26	12	55	26	1155		
	Sutherland	Shin	78	33	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	19-21	18	12	93	358	166	85	0	13.9	220	49	21	07	66	21	0640		
	Inverness	Duirinish	125	65	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Benbecula	52	33	33	21	5	11	89	428	185	13	0	14.4	190	35	21	05	50	21	0420		
		Fort Augustus	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	Dyce	234	30	30	-	0	8	31	326	278	85	0	10.7	220	27	21	13	43	18	0745		
	Angus	Bell Rock Lighthouse	128	131	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Perth	Rannoch	1006	56	57	-	0	6	43	264	253	146	14	9.6	230	31	21	11	43	21	1025		
		Tunnel Bridge	528	53	53	-	0	0	0	85	360	275	0	5.2	250	19	16	16	42	16	1320		
	Fife	Leuchars	78	40	40	-	0	7	19	292	365	44	0	10.2	230	31	21	12	51	21	1035		
	Midlothian	Turnhouse	137	40	33	-	0	4	11	201	404	104	0	8.5	210	24	21	16	45	16	1345		
		Edinburgh, Blackford Hill	496	50	34	21	7	13	69	255	281	108	0	10.9	180	40	21	15	61	21	1300		
6a	Argyll	Tiree	89	60	47	4, 29	6	16	187	346	116	65	0	16.0	350	36	4	09	51	4	0850		
	Bute	Millport	50	34	34	-	0	3	7	248	301	127	37	9.1	200	28	21	14	37	30	0030		
	Renfrew	Paisley	188	81	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Renfrew	71	41	39	-	0	1	3	147	399	171	0	7.1	200	27	21	11	39	21	1030		
	Lanark	Lowther Hill	2415	43	33	9, 18, 21, 29	6	18	161	342	181	30	0	15.6	(290)	38	9	11	51	9	1015		
	Ayr	Prestwick Airport	68	33	33	-	0	0	0	194	414	112	0	7.7	310	20	18	10	28	21	0815		
	Dumfries	Chapelcross	310	50	50	-	0	0	0	276	316	128	0	8.6	220	21	21	12	36	21	1005		
		Eskdalemuir Observatory	825	50	35	-	0	1	2	144	318	256	0	6.3	230	26	21	12	41	21	1115		
	Wigtown	West Freugh	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	0825		
	Yorks., E.R.	Kilnsea	76	39	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Lincoln	Cranwell	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	Mildenhall	98	83	60	-	0	2	11	191	366	152	0	7.8	290	28	8	21	50	18	0320		
	Bedford	Bedford	322	42	30	-	0	3	15	209	363	133	0	8.6	230	27	18	03	49	18	0300		
		Cardington	226	133	133	18	1	5	31	324	279	85	0	10.6	230	34	18	02	47	18	0215		
	Hertford	Garston	307	50	33	-	0	1	1	61	449	209	0	5.4	260	23	8	19	45	8	1645		
		Rothamsted	461	41	33	-	0	0	0	31	379	310	0	4.7	240	19	8	19	47	8	1810		
	Essex	Stansted	351	31	31	-	0	4	15	216	385	104	0	8.6	260	30	8	20	50	8	1825		
		Coryton	66	57	48	-	0	3	8	201	381	87	43	8.5	290	26	8	19	49	8	1855		
		Shoeburyness	118	106	91	8, 17, 18	8	8	41	343	287	38	3	12.1	220	39	17	24	54	17	2330		
4	Yorks, W.R.	Sheffield	533	83	35	-	0	0	0	8	202	510	0	2.6	280	14	18	03	37	18	0215		
	Warwick	Edgbaston	643	118	73	-	0	2	6	137	541	36	0	8.3	190	25	17	22	48	17	2135		
		Elmdon	343	31	31	-	0	2	9	174	439	98	0	8.2	260	27	18	04	46	17	2135		
	Buckingham	Amersham	500	50	50	-	0	0	0	57	430	233	0	5.5	220	21	8	18	42	8	1745		
	Stafford	Keele	706	50	33	-	0	2	2	50	330	338	0	4.5	180	24	17	24	50	18	0005		
	Worcester	Pershore	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	London (Heathrow) Airport	115	33	33	-	0	3	13	231	385	91	0	9.0	240	28	8	18	46	8	1725		
		Hampton	139	101	100	-	0	3	8	119	311	282	0	5.8	240	28	8	18	50	8	1630		
	Surrey	Kew Observatory	92	75	50	-	0	3	6	130	403	181	0	6.7	240	25	8	18	55	8	1735		
		Gatwick	232	38	33	-	0	3	15	86	428	191	0	6.2	240	29	8	18	55	8	1715		
	Kent	Isle of Grain	48	40	33	-	0	3	13	132	217	335	23	5.6	250	28	8	21	48	8	1935		
		Dungeness	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Sussex	Thorney Island	75	65	42	-	0	3	10	133	267	310	0	6.0	240	26	17	24	46	17	2135		
	Hampshire	Hurn	86	53	46	-	0	3	12	168	347	193	0	7.4	220	26	17	21	47	17	2030		
		Calshot	50	41	33	-	0	5	24	180	373	143	0	8.4	200	33	17	20	51	17	2140		
		S. Farnborough	318	69	35	8	1	3	12	163	392	152	0	7.7	250	34	8	18	50	8	1745		
	Berkshire	Abingdon	295	40	40	-	0	3	8	152	319	241	0	6.5	200	25	17	22	41	17			

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.

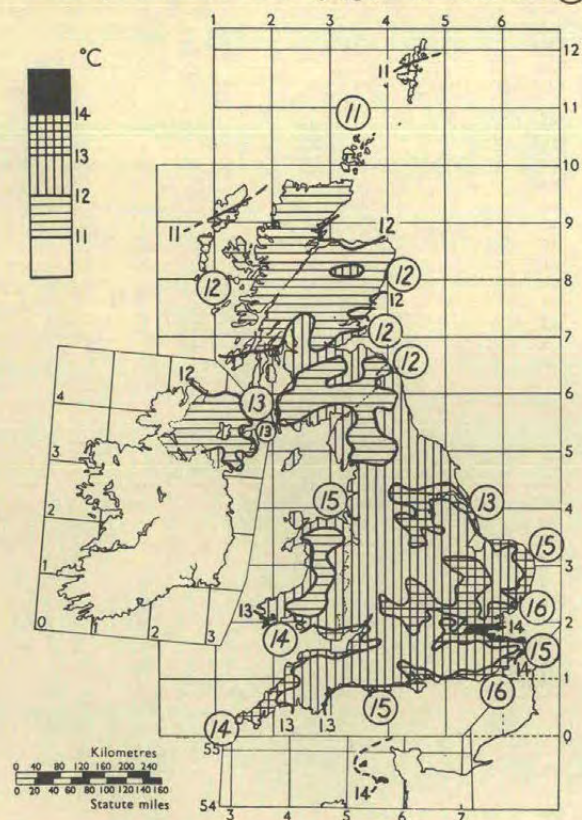


BRIGHT SUNSHINE

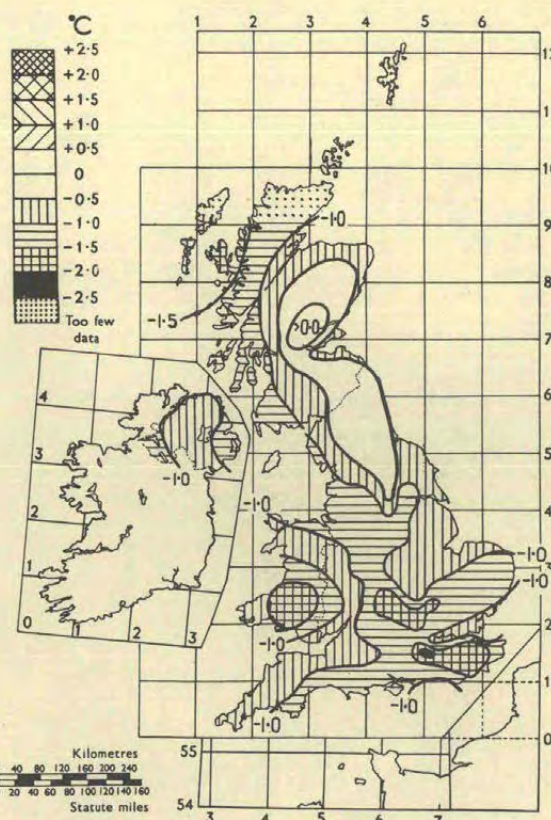


MEAN AIR TEMPERATURE

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.

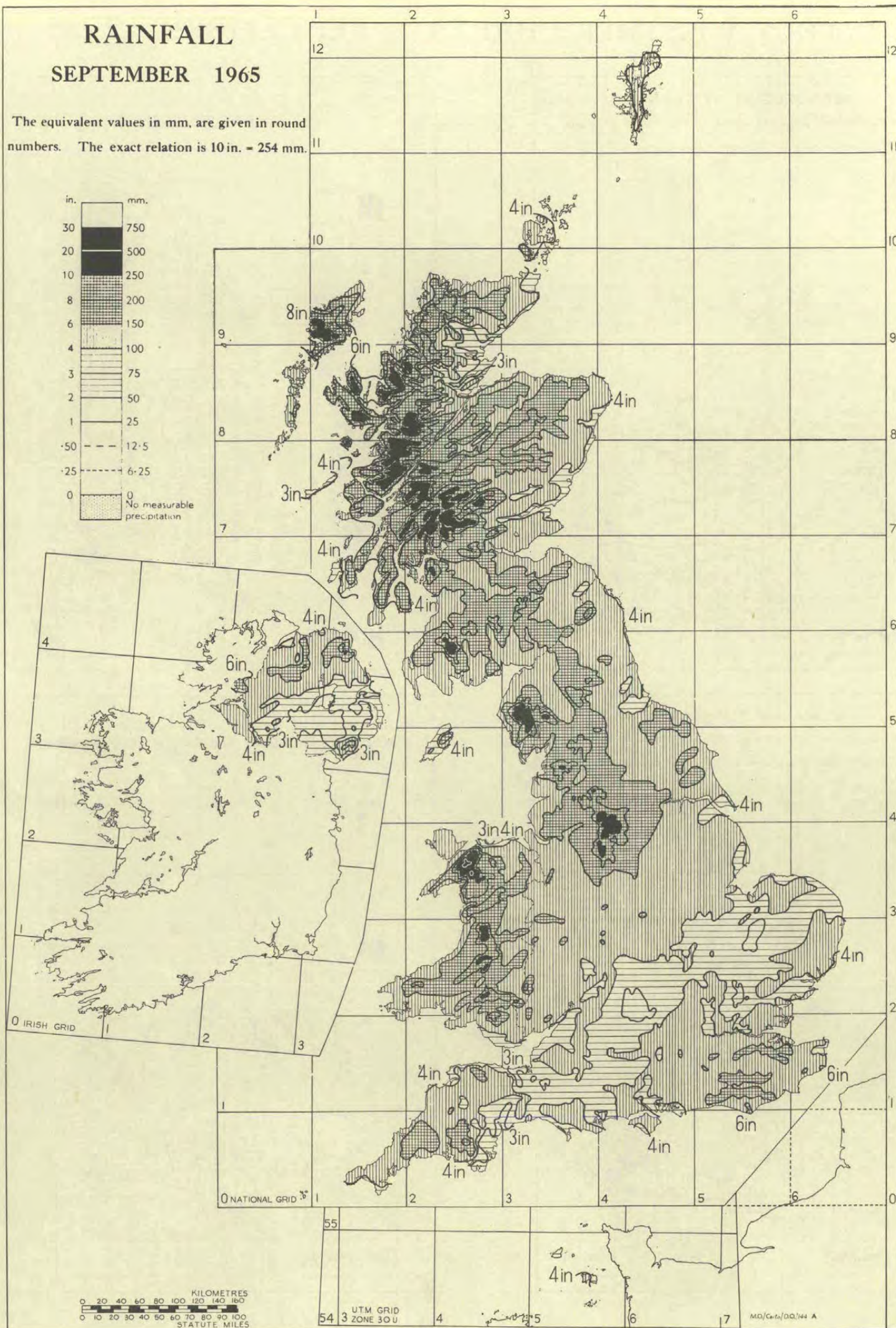
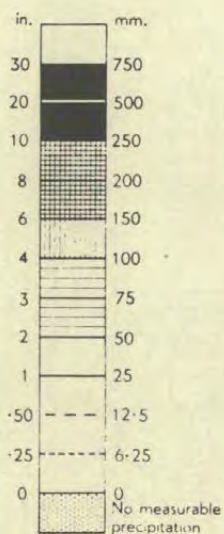


TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER SEPTEMBER, 1965

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				Total Fall			Per-centage of Average	Most in a day	Precip'n	Number of days										Daily Mean	Per-centage of Average	
				A	B		Maximum	Date	Minimum	Date		1 ft.	4 ft.				in.	%	in.	in. (0.01 in. or more)	in. (0.01 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
				Max.	Min.	Max.	Min.	Max.	Date	Min.	Date	1 ft.	4 ft.	in.	%	in.	in. (0.01 in. or more)	in. (0.01 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	hr	%
0 SCOTLAND, N.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													
Zetland																													
Orkney																													
Caithness																													
Sutherland																													
Ross & Cromarty																													

*Younger Botanic Gardens

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				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° below 0° C	Gale	Daily Mean	Percentage of Average		
				A Max.	B Min.		Maximum	Date	Minimum	Date		1 ft.	4 ft.			40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more												
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Amount	Date	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	40 in. (10 mm) or more	hr	%
2 ENGLAND, N.E. cont.																														
Northumb.	Berwick-on-Tweed	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	2.78	61	
	Cockle Park	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	2.70	-	
	Ackington	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	2.58	62	
	Tynemouth	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	1	0	0	2.33	-	
	Seahouses	21-9	37	14.5	9.7	12.1	-	19.3	22	4.3	8	-	-	3.67	-	.81	3	19	13	0	0	0	0	0	1	0	0	2.33	-	
	Chopwellwood	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	1	-	-	S	
	Ushaw College	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	-	-	-	
	Houghall	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	2	0	2.51	62	
	Durham	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	2	-	2.41	59	
	Gateshead	9 9	509	-	(9.3)	-	-	-	(5.0)	19	-	-	-	-	4.83	208	.78	28	(20 16)	-	-	-	-	-	-	0	-	2.32	-	
Yorks., N. Riding	West Hartlepool	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	1	0	0	0	2.91	-	
	Dishforth	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	3	1	0	0	2.73	62	
	Thirsk	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	1	0	-	-
	Ampleforth	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	-	-	-	
	Redcar	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	-	-	2.85	-	
	Pickering	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	1	0	-	-	
	Whitby	9 9	135	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	-	-	-	
	Scarborough	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	2.63	58	
	Silpho Moor	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	-	-	5	0	1	-	2.61	-	
	Whitby C/Guard	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	-	-	
Yorks., E. Riding	High Mowthorpe	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	1	0	2.98	-	
	Hull	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	3.40	78	
	Leconfield	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	1	0	3.10	-	
	Filey	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	3.07	-	
	Bridlington	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	-	-	-		
	Kilnsea	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	-	-	-		
	Navenby	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	-	-
	Waddington	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	3.65	-	
	Lincoln	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	0	1	0	2	1	3.38	-
	Cranwell	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	3.62	79	
Lincoln	Brigg	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	-	-
	Caistor	9 9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cleethorpes	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	3.26	68	
	Manby	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	3.85	-	
	Skegness	9 9	15	16.4	9.7	13.1	-1.1	21.1	22	6.1	9	-	-	-	-	-	-	-	-	0	0	0	0	0	2	0	0	1	3.85	79
	3 ENGLAND, E.																													
	Norfolk	Terrington	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	4.09	-
		St. Clement	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	-	-
		Marham	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	8	-	4.14	-
Santon Downham		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	4.01	-	
West Raynham		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	-	-	1	0	0	-	4.73	95	
Cromer		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	1	0	4.13	86	
Sproston		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	3	0	1	0	-	-
Coltishall		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	2	4.41	-	
Burlingham		9 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
Gorleston		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	4.35	92	
Suffolk	Mildenhall	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	2	4.35	-	
	Broom's Barn	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	2	-	-	
	East Bergholt	2																												

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				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		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.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
4 MIDLAND COUNTIES—cont.				G.M.T.	ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

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				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 1	Grass min. below 0° C	Gale	Daily Mean	Per-centage of Average			
				A Max.	B Min.		Mean Temperature Mean of A and B	Maximum	Date	Minimum		Date	in.															%	in.	0-in. (0-2mm.) or more	0-4in. (1-10mm.) or more	0-10in. (10-25mm.) or more
						G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%
5	ENGLAND, S.E.—cont.																													
	Surrey																													
cont.	Kew Observatory	21-9	18	17.1	9.5	13.3	-1.6	19.8	21	4.9	22	14.1	14.1	4.20	212	.74	25	17	12	0	0	0	2	2	0	0	0	4.38	92	
	Gatwick	21-9	192	16.9	7.4	12.1	-	20.2	21	2.0	30	-	-	5.29	-	1.40	3	15	13	0	0	1	0	2	3	0	3	0	4.47	-
	Waddon	9 9	220	17.3	9.1	13.2	-1.7	20.6	16,25	4.4	30	-	-	4.99	235	2.11	3	13	12	-	-	-	-	-	-	-	-	-	-	-
	Addington	9 9	474	16.7	8.8	12.7	-1.7	20.6	16	5.6	9	-	-	5.63	251	2.30	3	14	13	-	-	-	-	1	0	-	-	-	-	-
Kent	Bromley	9 9	213	17.2	8.7	12.9	-2.0	21.1	21,22	5.6	9,30	-	-	5.66	292	2.10	3	13	13	-	-	-	-	2	0	-	-	-	-	-
	Swanley	9 9	177	17.2	7.8	12.5	-	20.6	21,22	2.2	5	14.3	-	5.92	-	2.34	3	14	10	0	0	0	0	1	1	0	2	0	4.51	-
	Dartford	9 9	17	18.1	8.5	13.3	-	21.7	21,22,25	4.4	5,20,23	-	-	5.11	284	1.90	3	14	12	0	0	0	0	1	1	0	-	0	-	-
	West Malling	21-9	304	16.7	7.7	12.2	-	20.2	22	2.9	28	-	-	5.19	-	2.05	3	15	12	0	0	0	0	3	3	0	1	0	5.07	-
	Goudhurst	9 9	280	17.0	7.4	12.2	-	21.1	22	1.7	28	-	-	6.41	264	2.43	3	17	12	0	0	0	0	1	0	0	6	1	-	-
	East Malling	9 9	122	17.3	7.9	12.6	-1.3	21.1	22	3.3	5,20,21	14.0	14.6	5.64	270	2.24	3	16	12	0	0	0	0	3	1	0	0	0	4.95	101
	Gillingham	9 9	14	17.9	9.3	13.6	-	21.7	22	5.0	20,21	-	-	5.65	-	2.55	3	15	12	0	0	0	0	0	1	0	-	0	4.70	-
	Sittingbourne	9 9	224	16.9	8.8	12.9	-	20.6	22	5.0	9,20,28	13.9	14.3	6.73	316	2.77	3	14	14	0	0	0	0	1	1	0	1	0	5.07	-
	Isle of Grain	9 9	9	17.8	10.6	14.2	-	21.1	21,22,25	7.2	9	-	-	4.73	-	2.48	3	13	10	0	0	0	0	0	1	0	0	0	4.66	-
	Faversham	9 9	157	17.1	8.6	12.9	-	20.6	22,25	3.9	28	14.2	14.7	6.37	-	2.78	3	17	12	0	0	1	0	3	1	0	0	2	5.32	-
	Dungeness	21-9	10	16.9	10.1	13.5	-1.6	19.1	25	4.7	20,28	-	-	4.97	246	1.52	3	16	10	0	0	0	0	2	0	-	3	-	-	-
	Wye	9 9	185	-	-	-	-	-	-	-	-	-	-	5.41	237	2.25	3	16	13	0	0	0	0	1	2	-	0	2	-	-
	Whitstable	9 9	9	17.8	9.2	13.5	-	22.2	22	3.9	20,28	-	-	4.86	281	2.33	3	15	10	0	0	1	0	1	0	-	5	5.56	-	
	Folkestone	9 9	128	17.4	10.4	13.9	-	20.0	20,22,25	5.0	9	-	15.0	4.57	214	1.53	3	17	13	0	0	0	0	3	1	0	0	3	5.45	-
	Elmstone	9 9	28	17.3	8.3	12.8	-	21.1	22	3.9	20,21	-	-	3.79	-	1.81	3	19	11	-	-	-	-	1	0	0	-	-	-	-
	Herne Bay	9 9	21	17.8	10.3	14.1	-	21.7	25	5.6	23	-	-	4.49	249	2.31	3	13	10	0	0	0	0	2	0	-	0	5.49	-	
	Dover	9 9	19	17.5	10.8	14.1	-1.3	19.4	21,25	6.7	9	15.6	15.7	5.95	262	1.20	3	19	16	0	0	0	0	3	0	0	0	2	5.37	-
	Deal	21-9	18	17.5	10.5	14.0	-	20.2	22	5.9	28	-	-	4.54	-	1.29	3	16	14	0	0	0	0	2	0	0	0	0	-	-
	Manston	21-9	145	17.0	9.1	13.1	-	21.4	22	4.4	9	-	-	4.28	-	1.90	3	16	12	0	0	0	0	2	1	0	0	0	-	-
	Ramsgate	9 9	80	17.0	10.9	13.9	-	18.9	14,22,25	6.1	9	-	-	4.01	191	1.87	3	13	11	0	0	0	0	1	1	0	-	1	6.02	114
Sussex	Margate	9 9	51	16.9	11.1	14.0	-1.6	20.6	22,25	6.1	9	14.6	14.8	3.77	193	1.91	3	14	11	0	0	0	0	1	1	0	0	1	5.81	105
	Thorney Island	21-9	10	17.1	9.5	13.3	-	19.2	21	5.0	20	-	-	3.35	160	.78	25	12	9	0	0	0	0	2	1	0	0	0	4.65	-
	Bognor Regis	9 9	24	16.1	9.9	13.0	-1.9	17.8	18,20,21	6.1	28	-	15.0	4.18	189	.86	25	14	11	0	0	0	0	2	1	0	0	2	4.98	94
	Fernhurst	9 9	188	16.4	7.6	12.0	-	19.4	22	2.2	5,21	13.8	-	4.38	170	.86	25	14	11	0	0	0	0	1	-	0	6	0	4.58	-
	Littlehampton	9 9	15	16.6	9.6	13.1	-1.8	18.3	2,18,22	5.0	9,29	-	14.8	4.34	200	.86	25	13	11	0	0	0	0	2	1	0	-	0	5.05	95
	Rustington	9 9	10	16.6	8.9	12.7	-	17.8	2,18,26	3.3	29	-	13.9	4.42	-	.91	25	11	11	-	-	-	-	-	0	1	-	4.49	-	
	Worthing	9 9	25	17.0	10.4	13.7	-1.6	19.4	7	6.7	9,29	14.7	14.8	4.81	223	1.06	25	14	12	0	0	0	0	2	0	0	0	1	5.27	95
	Brighton	9 9	32	16.6	10.4	13.5	-	18.3	13,21	4.4	29	-	15.7	5.20	240	1.48	3	13	12	0	0	0	0	1	0	0	0	0	5.10	95
	East Grinstead	9 9	400	(17.2)(7.3)	(12.3)	-	20.6	20,21,22	2.2	21	(14.7)	(14.6)	(5.79)	-	1.96	3	(15)(12)	-	-	-	-	-	-	-	0	0	-	-	-	-
	East Hoathly	21-9	130	16.8	7.9	12.3	-	20.1	22	2.2	20	-	-	5.51	-	1.59	3	14	13	0	0	0	0	3	4	0	0	0	4.61	-
	Eastbourne	9 9	23	16.7	10.6	13.7	-1.6	18.9	2	6.7	28	15.2	15.7	5.41	216	1.50	3	14	13	0	0	0	0	2	0	0	0	3	5.62	103
	Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Bexhill	9 9	12	16.4	10.4	13.4	-1.7	18.9	2	6.1	9	14.9	-	4.97	223	1.63	3	13	12	0	0	0	0	4	0	0	0	3	5.37	103
	Bodiam	9 9	73	17.4	8.1	12.7	-	21.1	22	2.8	21	14.8	14.7	5.37	226	2.29	3	14	11	0	0	0	0	2	1	0	0	2	4.50	-
Berkshire	Hastings	9 9	149	16.6	10.7	13.7	-1.6	18.9	2	6.7	9	14.9	15.2	6.22	283	1.79	3	15	14	0	0	0	0	5	0	0	0	3	5.29	99
	Letcombe Regis	9 9	350	16.4	8.2	12.3	-	20.6	22,23	4.4	1,20,28	-	-	3.50	-	.70	25	16	12	0	0	0	0	0	2	0	-	1	-	-
	Abingdon	21-9	210	16.9	8.3	12.6	-1.6	21.2	22	3.0	20	-	-	3.00	150	.94	25	14	13	0	0	1	0	1	0	0	4	0	3.90	-
	Compton	9 9	339	16.2	7.1	11.7	-	19.4	21	1.1	5	14.6	-	3.85	-	.88	25	17	12	0	0	0	0	0	0	0	2	0	3.89	-
	Wallingford	9 9	157	16.9	7.8	12.3	-	21.1	22	1.7																				

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		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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 t	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average	
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date		0.1 in. (0.2mm.) or more	0.01 in. (0.2mm.) or more														
				°C.	°C.			°C.	°C.	°C.	°C.	°C.	°C.	in.	%		in.															
7a ENGLAND, N.W.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.																	
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	1	0	0	1	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	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	0	0	0	0	2	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	1	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	(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	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	2	0	3	0	3.43	-		
	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	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	3	-	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	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	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	1.83	9	17	15	0	0	0	0	2	0	0	-	2.41	63	-		
	Manchester W/Centre	9 9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	0	0	0	0	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	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	0	0	0	0	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	1	0	0	0	-	-	- S		
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	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	0	0	0	0	1	0	1	-	-	-	-		
	Ringway	21-9	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	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	1	1	0	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	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	-	-	2.89	71	-	
Anglesey	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	-	-	-	-	
	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	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	-	-	2.99	68	-	
	Alwen	9 9	100	12.9	-	-	-	16.1	15, 21	-	-	-	-	7.13	167	1.02	8	23	16	0	0	0	0	0	2	6	-	-	-	-		
Caernarvon	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	0	0	0	0	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	2	-	-	-	-	
	Bwlchgwyn	9 9	1267	12.7	-	-	-	16.7	15, 22	-	-	-	-	7.46	209	1.83	8	21	17	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, 28	12.9	13.2	1.46	8	-	-	0	0	0	0	0	0	0	5	0	-	-	-	-		
	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	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	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	3.18	-	-	
	Cwm Dyli	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	-	-	-	-
	Llandudno	9 9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merioneth	Llyn Stwlan	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Blaenau Ffestiniog	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Montgomery	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	1	-	1	2	0	-	-	- S	
	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	0	0	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																																

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 of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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.			Maximum	Date	Minimum	Date	1 ft.	4 ft.																in.	%	in.	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)	0-4in. (1-10mm. or more)	0-1in. (0-2mm. or more)

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER,

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	6-44 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	Beaufort Force					N	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																								
																												8 or more	6, 7, 8	4, 5, 6	1 to 3	Calm																																																
																																						34 or more	22 to 33	11 to 21	7 to 10	0																																						
0 SCOTLAND, N.																																																																																
Zetland	Lerwick Observatory	H	3	273	1005.5	-	9.6	0.2	11.7	97	6.5	1	2	5	4	18	0	0	0	0	0	15	3	7	5	0	4	17	9	0	6	3	2	2	5	5	2	5	0																																									
			9	273	1005.8	-4.3	10.8	0.5	12.1	93	6.5	1	3	1	13	10	2	0	1	1	1	0	4	8	6	0	2	19	9	0	9	3	1	2	8	2	5	3	1																																									
			15	273	1006.1	-	11.4	0.9	12.0	90	6.5	0	1	5	17	7	0	0	0	0	0	1	2	4	7	9	1	3	15	9	2	5	7	1	1	5	5	3	0																																									
			21	273	1006.7	-	10.0	0.3	11.8	96	7.0	1	1	3	4	20	1	0	1	0	0	1	3	6	5	11	3	0	4	11	15	0	7	4	1	3	6	4	2	3																																								
Orkney	Kirkwall ...	H	3	86	1005.9	-	10.1	0.6	11.6	94	6.4	0	3	4	8	15	0	0	0	0	0	1	1	6	6	12	4	0	1	16	12	1	7	2	1	1	7	2	5	4																																								
			9	86	1006.0	-	11.2	0.8	12.0	89	6.7	0	1	3	17	9	0	0	0	0	0	2	0	3	6	7	12	0	3	17	8	2	6	4	0	4	7	2	2	3																																								
			15	86	1006.5	-	12.0	1.2	11.9	85	6.9	0	1	3	14	12	0	0	0	0	0	1	6	6	3	14	0	3	20	7	0	9	1	2	3	6	1	5																																										
			21	86	1007.0	-	10.3	0.5	11.7	93	6.7	0	4	2	6	18	0	0	0	0	0	0	1	8	6	9	6	0	2	15	12	1	9	1	2	2	5	1	6																																									
Caithness	Wick ...	H	3	121	1005.9	-	9.9	0.4	11.5	94	6.8	2	1	1	8	17	1	0	0	0	1	0	1	7	2	14	5	0	2	15	13	0	5	0	0	3	7	2	5	8																																								
			9	121	1006.1	-4.9	11.2	0.8	12.0	90	6.8	0	1	2	17	10	0	0	0	0	2	0	4	5	9	10	1	3	15	11	0	7	2	2	3	9	1	3	3																																									
			15	121	1006.4	-	12.5	1.4	12.2	84	6.6	1	0	3	18	8	0	0	0	0	0	0	1	5	8	11	0	6	17	7	0	7	2	2	5	4	3	2	5																																									
			21	121	1006.9	-	10.5	0.5	11.9	94	6.6	0	2	4	16	17	1	0	0	1	0	0	1	11	2	11	4	0	2	13	13	2	6	1	2	7	2	3	5																																									
Sutherland	Cape Wrath ...	H	3	371	1005.5	-	10.3	0.9	11.1	88	6.6	0	2	4	8	14	2	0	2	0	0	1	0	3	4	2	18	2	3	12	13	0	9	2	4	1	3	8	2	1																																								
			9	371	1005.5	-	10.7	1.0	11.2	87	7.2	0	1	2	9	18	0	0	0	0	0	0	6	6	5	13	4	1	11	14	0	11	2	3	1	5	7	0	1																																									
			15	371	1006.1	-	11.0	1.0	11.4	87	7.0	0	0	5	9	13	3	0	2	0	1	0	0	4	4	1	18	2	3	8	17	0	8	4	2	1	4	9	2	0																																								
			21	371	1007.0	-	10.6	0.9	11.3	88	6.9	0	1	5	5	18	1	0	1	0	0	0	2	7	2	18	1	1	9	19	0	9	3	2	0	2	11	1	2																																									
Ross & Cromarty	Stornoway	H	3	16	1006.9	-	9.9	0.4	11.6	95	6.1	1	3	6	3	17	0	0	0	0	0	2	4	11	9	4	0	4	11	14	1	10	2	1	1	9	2	2	2																																									
			9	16	1006.9	-3.9	11.6	0.8	12.1	89	6.7	0	2	4	12	12	0	0	0	0	0	0	9	5	9	7	1	3	12	14	0	9	1	1	2	9	3	2	3																																									
			15	16	1007.3	-	12.2	1.3	12.1	85	7.1	0	1	2	13	14	0	0	0	0	0	0	6	9	8	7	0	2	21	7	0	9	3	1	3	7	4	2	1																																									
			21	16	1007.7	-	10.4	0.5	11.8	93	6.8	1	2	1	10	16	0	0	0	0	0	0	8	10	8	4	0	1	18	10	1	8	4	2	1	8	4	1	1																																									
Inverness	Benbecula	H	3	21	1006.8	-	10.4	0.4	12.0	95	6.6	1	1	4	8	16	0	0	0	0	0	1	5	9	7	7	1	4	14	10	1	9	3	1	1	10	2	0	3																																									
			9	21	1007.0	-	11.3	0.5	12.5	93	6.7	0	1	6	10	13	0	0	0	0	0	1	2	12	6	7	0	4	18	7	1	9	2	0	3	9	2	1	3																																									
			15	21	1007.3	-	12.3	1.0	12.7	88	6.7	0	1	3	18	8	0	0	0	0	0	0	1	3	6	9	11	0	5	19	6	0	9	2	1	3	6	4	1																																									
			21	21	1007.7	-	10.7	0.4	12.2	94	6.6	0	3	2	11	14	0	0	0	0	0	0	1	4	8	11	6	0	2	17	10	1	11	3	0	1	8	3	2	1																																								
1 SCOTLAND, E.																																																																																
Moray	Kinloss ...	H	3	19	1006.7	-	10.1	0.9	11.1	89	6.8	2	0	4	8	16	0	0	0	0	0	1	8	2	10	9	0	2	10	16	2	5	0	4	0	2	10	3	4																																									
			9	19	1006.8	-	12.0	1.4	11.7	83	6.8	0	2	2	16	10	0	0	0	0	0	0	8	6	4	12	0	1	15	12	2	3	2	2	1	3	4	7	6																																									
			15	19	1006.9	-	13.6	2.1	11.9	77	6.5	0	2	3	16	9	0	0	0	0	0	0	9	2	4	15	0	3	16	11	0	5	8	1	1	1	5	3	6																																									
			21	19	1007.5	-	10.9	0.9	11.6	88	6.5	0	5	1	9	15	0	0	0	0	0	0	7	5	9	9	0	2	10	17	1	4	3	4	2	3	8	3	2																																									
Aberdeen	Dyce ...	H	3	193	1006.1	-	9.8	0.7	11.2	91	6.6	3	0	3	6	16	2	0	1	0	1	0	12	3	9	4	0	0	13	12	5	3	1	0	3	3	5	7																																										
			9	193	1006.3	-6.0	11.4	1.2	11.6	86	7.0	0	1	0	19	10	0	0	0	0	0	2	3	4	9	6	0	2	14	10	4	4	1	0	2	3	5	3	8																																									
			15	193	1006.5	-	13.2	1.9	11.9	78	6.8	0	1	2	19	8	0	0	0	0	0	1	3	1	11	7	0	3	17	10	0	6	2	1	6	3	3	4	5																																									
			21	193	1006.9	-	10.5	0.7	11.6	91	6.2	2	2	4	6	14	2	0	1	2	3	8	10	3	2	0	0	0	10	16	4	3	0	1	1	5	1	4	11																																									
Rattray Head	Rattray Head ...	H	3	108	1006.3	-	10.4	0.7	11.6	91	6.7	0	2	2	14	10	2	0	0	2	0	10	18	0	0	0	0	6	15	7	2	6	0	1	2	10	1	4	4																																									
			9	108	1006.4	-	11.3	1.0	11.8	88	6.6	0	1	4	16	9	0	0	0	0	0	2	7	14	7	0	1	3	19	6	1	7	0	1	2	9	1	6	3																																									
			15	108	1006.8	-	12.8	1.5	12.2	83	6.1	0	2	7	16	5	0	0	0	0	0	0	8	15	7	0	1	3	21	5	0	6	0	2	3	8	2	4	5																																									
			21	108	1007.1	-	11.1	0.9	11.9	90	5.9	1	3	7	12	5	2	0	0	2	0	0	5	21	2	0	0	5	13	11	1	10	0	1	2	10	1	4	1																																									
Fife	Leuchars ...	H	3	38	1005.9	-	10.0	0.8	11.2	90	6.3	2	2	3	7	16	0	0	0	0	0	1	1	6	5	14	3	0	1	10	17	2	3	2	1	2	1	9	9	1																																								
			9	38	1006.5	-6.3	11.8	1.3	11.8	85	6.1	0	3	4	17	6	0	0	0	0	0	0	1	4	6	12	7	0	10	18	2	3	3	1	1	0	12	6	2																																									
			15	38	1006.4	-	13.8	2.0	12.3	78	6.6	0	1	5	13	11	0	0	0	0	0	0	4	8	11	7	0	2	15	13	0	3	3	8	1	5	5	0																																										
			21	38	1006.8	-	11.1	0.9	11.9	89	6.1	3	3	0	12	12	0	0	0	0	0	1	1	7	5	12	4	0	0	8	18	4	3	4	2	1	1	9	3	3																																								
Midlothian	Turnhouse	H	3	144	1006.8	-	9.8	0.7	11.2	92	6.0	0	5	4	10	11	0	0	0	0	1	3	7	9	8	1	0	9	14	7	0	1	3	1	2	9	5	2																																										
			9	144	1007.3	-	11.9	1.4	11.7	83	6.2	0	4	4	12	10	0	0	0	0	0	3	8	9	8	2	0	0	8	18	4	1	3	1	2	12	4	2																																										
			15	144	1007.1	-	13.9	2.1	12.3	77	7.0	0	0	3	15	12	0	0	0	0	0	1	6	13	5	5	0	1	9	19	1	3	6	3	2	5	7	1																																										
			21	144	1007.4	-	11.1	0.7	12.1	91	6.2	2	3	1	10	14	0	0	0	0	1	0	2	11	9	6	1	0	8	18																																																		

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

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 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.	45-310 yd.	311-1,000 yd.	1,001-2,000 yd.	2,001-3,000 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.																									
																														8 or more	9	10	11	12																																	
																																				0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-310 yd.	311-1,000 yd.	1,001-2,000 yd.	2,001-3,000 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	8 or more	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.	%	6.1	3	2	3	9	13	0	0	1	0	0	0	1	9	13	6	0	0	0	3	18	9	3	1	2	3	2	4	5	1																												
Cumberland Carlisle	H	3	92	1007.6	-	12.1	1.2	12.1	85	6.5	0	2	5	17	6	0	0	0	0	0	0	0	0	3	8	8	9	2	0	0	7	17	6	3	1	1	4	3	6	4	2																										
		9	92	1007.9	-	14.5	2.3	12.5	75	6.8	0	1	2	17	10	0	0	0	0	0	0	0	1	4	8	9	8	0	0	8	19	3	5	2	3	3	1	7	6	0																											
		15	92	1008.1	-	11.4	0.9	12.0	89	6.4	1	3	2	10	14	0	0	0	0	0	0	0	0	12	12	3	3	0	0	4	19	7	4	2	5	0	1	6	4	1																											
		21	92	1008.1	-	10.7	0.7	11.9	92	6.3	0	3	6	8	13	0	0	0	0	1	0	1	11	10	5	2	0	1	11	12	6	3	1	1	5	5	0	4	5																												
Lancashire Squires Gate	H	3	35	1007.3	-	12.9	1.2	12.8	86	6.7	0	2	1	21	6	0	0	0	0	0	0	0	2	5	9	9	5	0	2	11	16	1	4	2	0	6	6	0	5	6																											
		9	35	1008.1	-	14.5	2.0	13.0	79	6.4	0	3	4	12	11	0	0	0	0	0	0	0	2	8	8	7	5	0	0	18	11	1	6	1	1	4	2	3	8																												
		15	35	1007.7	-	12.2	0.9	12.7	88	5.8	0	6	4	5	15	0	0	0	0	4	15	8	3	0	0	0	0	0	13	16	1	4	3	1	3	4	5	2	7																												
		21	35	1007.6	-	11.0	0.8	11.9	90	5.4	4	2	5	9	10	0	0	0	0	1	3	3	7	13	3	0	0	0	7	19	4	4	2	2	3	5	0	8	2																												
Speke	H	3	85	1008.7	-	12.7	1.4	12.4	84	6.4	0	3	3	16	8	0	0	0	0	0	0	2	2	13	10	3	0	0	1	10	19	0	3	1	1	7	4	1	10	3																											
		9	85	1008.2	-	14.8	2.4	12.6	75	7.0	0	1	3	14	12	0	0	0	0	1	1	10	6	7	5	0	0	0	17	13	0	3	1	1	3	4	3	10	5																												
		15	85	1008.1	-	12.3	1.0	12.7	88	5.5	2	5	3	11	9	0	0	0	0	0	1	5	12	12	0	0	0	0	7	21	2	6	0	2	5	5	3	5	2																												
		21	85	1008.0	-	10.2	0.9	11.2	89	6.1	2	3	4	4	17	0	0	0	0	3	5	15	3	3	1	0	0	0	7	17	6	3	0	2	2	9	2	4	2																												
Cheshire Ringway	H	3	251	1008.6	-	11.6	1.3	11.5	83	7.1	0	0	2	16	12	0	0	0	1	0	12	11	6	0	0	0	0	0	11	16	3	1	0	1	1	12	3	5	4																												
		9	251	1008.0	-	14.2	2.9	11.2	70	6.6	0	1	5	12	12	0	0	0	0	0	5	11	8	6	0	0	0	0	11	19	0	4	1	2	1	4	8	7	3																												
		15	251	1008.0	-	11.7	1.3	11.7	84	5.9	2	3	5	4	15	1	0	1	1	3	6	15	3	1	0	0	0	3	22	5	3	1	3	2	8	5	2	1																													
		21	251	1008.1	-	11.1	0.7	12.2	91	5.9	2	3	5	7	13	0	0	0	0	0	2	3	11	9	5	0	6	12	8	4	5	1	1	2	6	3	4	4																													
Anglesey Valley	H	3	36	1008.4	-	12.9	1.3	12.7	85	6.6	0	2	4	13	11	0	0	0	0	1	0	2	10	11	6	0	5	16	9	0	7	1	1	1	8	3	7	2																													
		9	36	1009.0	-6.1	14.0	1.8	12.8	80	6.6	0	1	4	16	9	0	0	0	0	4	0	9	5	12	0	5	18	7	0	5	1	2	0	11	2	5	4																														
		15	36	1008.6	-	11.9	0.8	12.5	89	5.4	3	2	7	7	11	0	0	0	0	1	6	6	9	8	0	4	12	14	0	3	5	1	1	8	2	4	6																														
		21	36	1008.4	-	12.3	0.9	12.8	89	5.4	4	2	6	4	14	0	0	0	0	0	5	10	13	2	2	7	11	7	3	8	4	0	0	2	6	4	3																														
Caernarvon Bardsey I. L'e	H	3	63	1009.1	-	12.7	1.0	12.9	88	6.5	0	2	5	9	13	1	0	0	0	1	0	2	10	15	2	2	9	10	8	1	7	6	1	0	2	11	1	1																													
		9	63	1009.4	-	13.7	1.4	13.4	85	6.1	0	2	9	6	12	1	0	0	0	1	0	4	7	13	5	1	4	18	6	1	7	5	0	1	2	9	2	3																													
		15	63	1009.1	-	12.8	1.0	13.1	89	5.9	2	3	4	8	12	1	0	0	0	1	0	1	2	9	14	3	0	5	19	4	6	5	0	1	3	6	4	3																													
		21	63	1008.7	-	10.8	0.9	11.6	89	5.3	4	5	2	7	12	0	0	0	0	0	4	6	11	9	0	1	14	13	2	5	0	0	1	14	0	3	5																														
Cardigan Aberporth	H	3	382	1009.4	-	11.9	1.2	12.0	86	6.1	0	5	4	10	11	0	0	0	0	1	2	10	11	6	0	1	15	13	1	3	2	1	3	10	2	6	2																														
		9	382	1008.6	-	13.4	2.0	11.9	77	6.7	0	2	1	19	8	0	0	0	0	4	7	14	5	0	1	20	8	1	6	1	0	1	11	1	5	4																															
		15	382	1008.8	-	11.5	0.9	12.1	88	5.7	3	5	1	7	14	0	0	0	0	1	5	10	8	6	0	3	11	13	3	4	0	2	1	10	3	2	5																														
		21	382	1008.8	-	11.6	0.7	12.5	91	4.3	8	2	6	6	8	0	0	0	0	1	11	5	13	0	0	0	9	18	3	5	1	2	0	8	2	3	6																														
Pembroke Milford Haven C. Board	H	3	128	1009.7	-	12.6	1.2	12.6	86	6.6	0	0	9	9	11	1	0	1	0	0	7	10	11	0	0	0	11	16	3	2	3	1	3	5	4	5	4																														
		9	128	1009.2	-	14.1	1.7	13.0	81	6.2	0	0	11	11	8	0	0	0	1	0	8	9	12	0	0	1	14	14	1	4	0	1	1	8	7	4	4																														
		15	128	1009.2	-	12.3	0.7	13.2	91	5.4	7	1	2	7	13	0	0	0	0	0	9	13	8	0	0	2	4	22	2	6	0	1	1	4	5	4	7																														
		21	128	1009.4	-	11.7	0.9	12.3	89	4.4	7	6	2	2	13	0	0	0	0	0	6	13	10	1	0	1	12	16	1	4	6	0	1	5	3	4	6																														
Glamorgan Mumbles Head	H	3	123	1009.6	-	12.6	1.3	12.4	85	6.1	0	2	7	11	10	0	0	0	0	1	12	11	5	1	0	1	13	12	4	4	3	4	1	3	2	8	1																														
		9	123	1009.1	-	14.5	2.0	13.0	79	6.0	0	3	4	15	8	0	0	0	0	7	10	7	6	0	2	14	13	1	4	0	1	2	3	9	8	2																															
		15	123	1009.3	-	12.7	1.2	12.6	85	5.1	5	2	6	8	9	0	0	0	0	5	12	10	3	1	1	7	18	3	4	1	0	3	4	12	2																																
		21	123	1009.3	-	10.2	0.7	11.5	91	4.8	7	3	3	5	12	0	0	0	0	3	6	5	11	5	0	1	4	20	5	4	3	0	1	4	3	3	7																														
Rhoose	H	3	225	1010.0	-	12.6	1.2	12.6	86	6.5	0	1	5	16	8	0	0	0	0	4	4	11	10	1	0	1	7	19	3	3	3	2	4	1	5	5																															
		9	225	1009.1	-	14.5	2.5	12.5	74	6.1	0	3	5	13	9	0	0	0	0	3	7	12	8	0	0	1	13	14	2	4	1	1	1	7	1	10	3																														
		15	225	1009.7	-	11.5	0.9	12.2	89	5.5	2	5	4	8	11	0	0	0	0	0	9	6	8	7	0	1	6	17	6	2	1	0	1	4	1	6	9																														
		21	225	1009.7	-	9.8	0.4	11.7	95	5.2	8	1	2	4	15	0	0	1	1	2	7	15	3	0	0	0	4	14	12	1	1	1	5	2	1	6	1																														
Somerset Yeovilton	H	3	74	1010.3	-	12.7	0.9	13.2	89	6.2	0	0	7	18	5	0	0	1	1	0	4	12	9	3	0	0																																									

STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.							STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.											
	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -5°	-9° to -5°	-4° to 0°	0° to 5°	5° to 10°		10° to 15°	Above 15°	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -5°	-9° to -5°	-4° to 0°	0° to 5°	5° to 10°	10° to 15°	Above 15°	
Lerwick Observatory	0	0	1	29	0	0	0	0	0	0	0	0	23	7	0		Edgbaston	0	0	1	13	16	0	0	0	0	0	0	0	0	19	11	0	
Stornoway	0	0	1	25	4	0	0	0	0	0	0	0	4	18	8	0	Kew Observatory	0	0	4	26	0	0	0	0	0	0	0	0	0	1	16	12	1
Craibstone	0	0	0	22	8	0	0	0	0	0	0	0	2	23	5	0	Hastings	0	0	0	4	26	0	0	0	0	0	0	0	0	13	17	0	
Rothsay	0	0	0	16	14	0	0	0	0	0	0	0	22	8	0		Southampton	0	0	0	1	27	2	0	0	0	0	0	0	0	2	16	12	0
Renfrew	0	0	0	12	18	0	0	0	0	0	0	0	2	18	10	0	Stonyhurst	0	0	0	16	14	0	0	0	0	0	0	0	3	19	8	0	
Eskdalemuir Observatory	0	0	0	26	4	0	0	0	0	0	0	1	8	16	5	0	Bidston	0	0	0	20	10	0	0	0	0	0	0	0	0	16	14	0	
Douglas	0	0	0	26	4	0	0	0	0	0	0	0	21	9	0		Valley	0	0	0	12	18	0	0	0	0	0	0	0	0	1	13	16	0
Cockle Park																	Falmouth	0	0	0	12	18	0	0	0	0	0	0	0	0	1	12	17	0
Gorleston	0	0	0	5	23	2	0	0	0	0	0	0	0	12	18	0	Aldergrove	0	0	0	17	13	0	0	0	0	0	0	0	7	16	7	0	
Cambridge	-	-	-	-	-	-	-	-	0	0	0	0	6	13	11	0	Armagh	0	0	0	14	16	0	0	0	0	0	0	0	6	18	6	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, SEPTEMBER, 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 ...	360	16	42	25	180.8	30	207	1	42	25	128.5	30	455	18	55	25	216.7	30
Eskdalemuir Observatory ...	481	9	21	3	272.5	30	241	12	21	3	158.4	30	-	-	-	-	-	-
Cambridge ...																		
London (High Holborn) ...																		
Kew Observatory ...	461	4	25	3	270.4	30	222	12	24	3	151.8	30	552	5	35	3	322.9	30
Aberporth ...	573	1	45	29	277.6	30	264	9	42	29	154.7	29	-	-	-	-	-	-
Bracknell (Easthamstead)	492	4	17	3	271.5	30	213	1	17	3	131.2	30	587	4	26	3	333.3	30

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE						
				Means of		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall		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	1 ft.	4 ft.	Amount	Date	4 (in 10 min.) or more	4 (in 10 min.) or more															
				Max. Min.	A Max.	B Min.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.										hr	%				
1968 May	Scilly	21-9	158	13.4		11.1																										
1968 March	Fettercairn	9 9	560	5.9	-0.3	2.8	-	16.7	28	-10.6	2	-	-	1.86	79	.35	4	16	9	10	14	0	0	0	0	3	17	24	0	2.76	- S	
	Strachan	9 9	395	6.9	-1.6	2.7	-	22.2	29	-19.4	2	3.3	-	1.84	-	.47	4	8	8	11	14	0	0	1	5	21	24	0	3.98	-		
	Balerno	9 9	700											3.28	143	.50	4	16	13	-	-	-	-	-	1	18	26	-	-	-		
	Turnberry	9 9	25																										(4.35)	-		
April	Fettercairn	9 9	560	10.6		1.7	6.1	-	16.1	2	-1.1	1	-	3.31	131	.61	27	19	14	3	0	1	0	0	1	4	22	0	5.77	-		
	Strachan	9 9	395	11.1		0.5	5.8	-	16.7	2	-3.9	2,14	5.4	3.12	-	.94	9	13	13	3	1	3	0	1	0	14	20	0	5.98	-		
	Coatbridge	9 9	256	11.7		3.4	7.5	-	16.1	30	-1.1	21	-	3.30	164	.96	16	17	13	-	-	-	-	-	-	2	-	-	-	-	-	
	Yeovilton	21-9	60											1.28				12	11											-		
May	Fettercairn	9 9	560	12.0		5.2	8.6	-	20.0	13	0.6	2,19,20	-	2.28	75	.67	23	18	10	1	0	1	0	0	2	0	6	0	3.33	-		
	Strachan	9 9	395	12.4		4.9	8.7	-	22.8	13	-1.1	1,19,20	7.9	1.95	-	.74	23	11	11	0	0	1	0	0	4	3	8	0	3.81	-		
	Coatbridge	9 9	256	14.4		6.4	10.4	-	24.4	14	0.0	19	-	2.84	118	.32	3	19	13	-	-	-	-	-	-	0	-	-	-	-	-	
	Blaenau Ffestiniog	9 9	750	13.6		5.7	9.7	-			-4.4	19		6.70				18	16											-		
	Haverfordwest	9 9	131											2.67	99			16	12											-		
	Sidmouth	9 9	25											2.87	141			15	12										1.99	76		
	Ilfracombe	9 9	25	14.6		9.6	12.1	+0.2	24.4	13	3.3	19	13.8	12.3	3.15	140	1.16	23	17	16	0	0	0	0	0	0	0	0	6.01	85		
	Dale Fort	9 9	109																										6.18	-		
June	Blyth Bridge	9 9	830	16.2		8.1	12.1	-	21.1	9	1.1	1	-	3.00	134	.60	20	18	14	0	0	0	0	0	0	0	1	1	3.76	-		
	Cwm Dyli	9 9	324	16.8		8.5	12.7	-	22.2	10	2.2	3	13.6	11.42	129	2.09	24	20	18	-	-	-	-	-	-	0	2	-	-	-	-	
	Alwen	9 9	1100	17.2		10.6	13.9	-0.2	19.4	12	5.6	2	-	4.00	150	1.20	21	18	15	0	0	0	0	0	0	0	0	0	6.65	97		
	Swyddffynnon	9 9	540	16.8		8.8	12.8	-	21.1	10	2.8	4	-	3.41	108	.55	22	19	16	-	-	-	-	-	-	0	1	-	5.51	-		
	Weston-Super-Mare	9 9	28	18.8		11.3	15.1	-0.2	22.8	14,30	6.7	2	-	3.31	186	.82	16	12	11	0	0	0	0	1	0	0	0	0	6.00	84		
	Princetown	9 9	1359	14.9		8.6	11.7	-	19.4	30	5.0	1,7	-	7.55	-	1.80	21	14	14	-	-	-	-	-	-	0	0	-	-	-	-	
	Sidmouth	9 9	25	17.4		10.5	13.9	-0.6	23.9	30	6.7	5	-	2.19	139	.67	15	9	9	-	0	-	-	-	1	0	0	-	-	-	-	
	Caistor	9 9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Stansted Abbots	9 9	97											1.48				13	6											-	-	
	Bwlchgwyn	9 9	1267			8.4	12.3	-			3.3	2		3.30	124			15	12	0				0						-	-	
	Wrexham	9 9	275											3.77	209	1.17	16	14	10											-	-	
	Belper	9 9	203			9.9	14.7	+0.3																						-	-	
	Haverfordwest	9 9	131											3.38	146			15	12		0				1						-	
	Hartland Point	21-9	298	15.2			13.1																							7.44	-	
	Alderney Airport	9 9	288																										6.40	-	-	
	Bryn Adda	9 9	275																											-	-	
July	Erie	9 9	110	-	-	-	-	-	-	-	-	-	-	2.28	-	.52	21	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-
	Caistor	9 9	180	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Nottingham	9 9	192	17.8		11.2	14.5	-2.2	21.1	19	5.0	31	15.2	12.4	2.96	117	.70	20	15	12	0	0	0	0	0	0	0	0	3.03	59	-	
	Nottingham T.C.	9 9	169	17.2		10.1	13.7	-	21.7	19	5.6	31	-	-	2.43	-	.51	19	17	10	-	-	-	-	2	0	0	-	2.55	-	-	
	Chiseldon	9 9	510	17.9		9.8	13.9	-	21.7	14	3.3	4	-	-	3.74	-	.64	23	15	12	0	0	0	0	5	0	0	0	-	-	-	-
	Cockle Park																	20	18											-	-	
	Luddington	9 9	138	17.9			13.9	-																						-	-	-
	St. James' Park	9 9	27	19.2		12.4	15.8	-2.3	22.8	14	3.3	4	-	-	2.83	123	.87	20	18	17	0	-	0	0	2	-	0	0	0	-	-	-
	Southgate	9 9	221	18.9		11.0	14.9	-	22.8	19	6.1	4	15.2	-	5.03	-	1.67	20	17	16	0	0	0	0	4	0	0	1	0	3.01	- S	
	Bromley	9 9	213	18.9			15.1	-2.4																						-	-	-
	Glenmore Lodge	9 9	1120	13.6		6.4	10.0	-	21.0	20	1.0	16	-	-	4.76	125	.67	21	22	18	0	0	0	0	0	0	0	5	0	3.16	- S	
	Millport	9 9	16	15.9		9.8	12.9	-	20.6	20	5.0	30	-	-	3.33	98	.91	28	14	10	0	0	0	0	1	1	0	-	0	-	-	-
August	Glenmore Lodge	9 9	1120	15.9		7.8	11.9	-	21.8	15	-0.9	2	-	-	3.32	99	.69	24	18	13	0	0	0	0	0	0	1	0	6	0	4.47	-
	Ardalnaig	9 9	427	16.6		8.4	12.5	-	22.8	12	3.3	3,8	-	-	2.33	60	.69	4	17	14	0	0	0	0	0	0	0	0	-	-	-	-

Amendments to List of Stations making Returns (Introduction 1964, page vii)

Station	Type	County	Lat.	Long.	Authority
<i>Port Augustus</i>	A	Inverness	57°08'N	04°43'W	North of Scotland Hydro Electric Board
<i>Follock</i>	C	Argyll	56°45'N	05°37'W	Forestry Commission (Scotland)
<i>Sloy</i>	Sb	Dunbarton	56°43'N	04°43'W	North of Scotland Hydro Electric Board
<i>Salisbury</i>	Sb	Ayr	55°52'N	03°52'W	Independent Television Authority
<i>Pinnart</i>	C	Dunbarton	56°07'N	04°05'W	Supt. British Petroleum Co. Ltd.
<i>Tunnel Bridge</i>	A	Perth	56°42'N	04°01'W	North of Scotland Hydro Electric Board

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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 10

Published by HER MAJESTY'S STATIONERY OFFICE

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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 Happenden Station on the 24th; (Northern Ireland) 18.9°C at Lisnaffillan 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,

DISTRICTS	AIR TEMPERATURE					EARTH TEMP.		RAIN DAYS	RAIN-FALL.	SUN-SHIN.
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
Difference from Average								% of Average		
0 SCOTLAND, N.	18.3	0.0	+0.6	+0.7	+0.7	-	-	-7	93	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.

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.	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

Meteorological Office: DR. B. J. MASON, F.R.S., Director-General

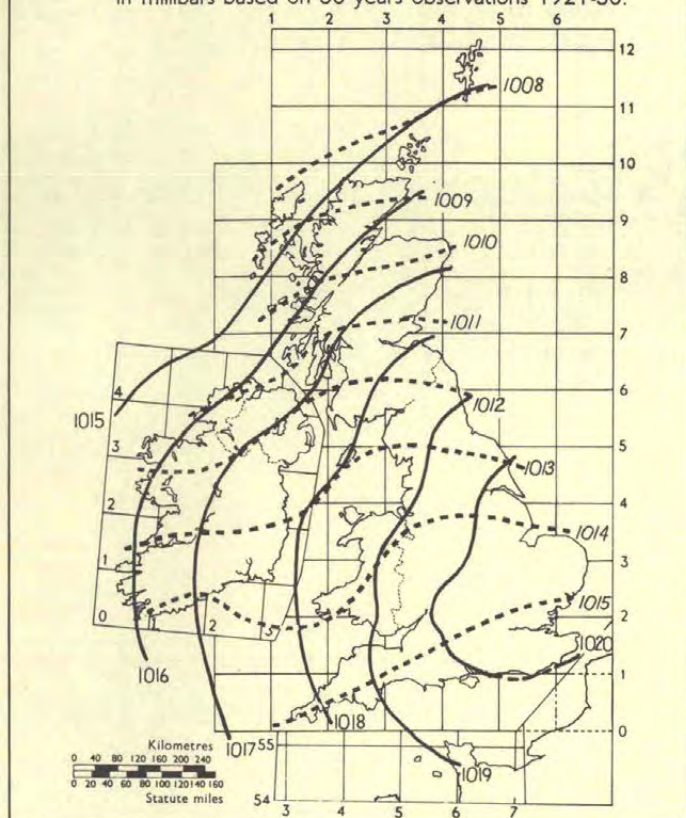
FH 2A

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

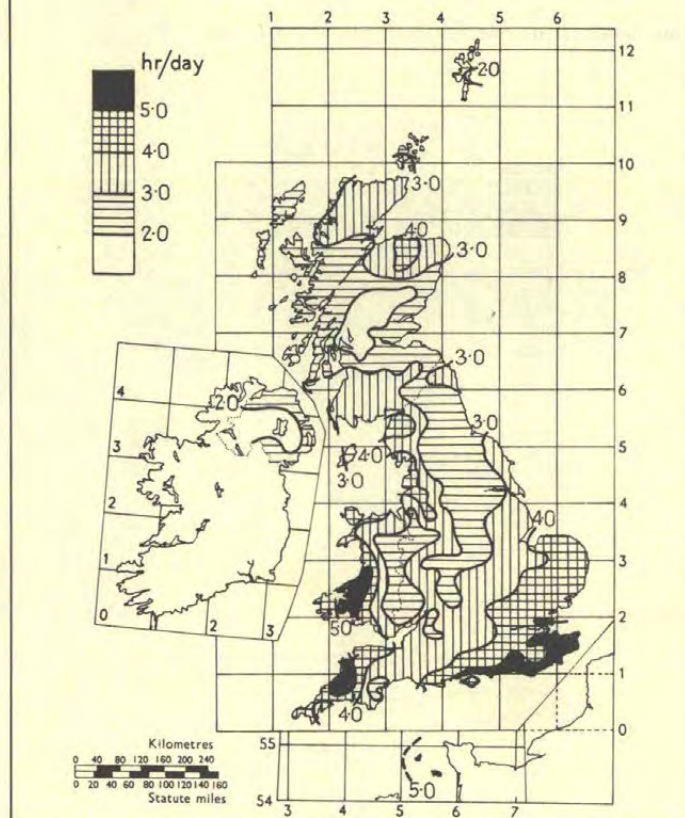
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust		
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration			Duration	Veer from N	Speed	Hour ended at	Speed	Day and Time
		ft.	ft.	ft.		hr.			hr.	hr.	hr.	hr.	knots		knots	day hr.	knots	day	h.m.
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	Kirkwall	134	50	33	28, 30, 31	32	6	29	354	278	51	0	12.7	240	48	28 17	80	31 0300
	Calthness	Dounreay	110	39	30	24, 28, 30, 31	28	11	88	293	227	71	37	13.6	280	50	31 03	74	31 0245
	Sutherland	Shin	78	33	33														
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	28, 30	17	11	75	277	197	178	0	11.3	270	49	28 11	69	28 1040
	Inverness	Duirinish	125	65	55														
		Benbecula	52	33	33	28, 30	15	11	77	378	222	52	0	13.6	240	46	28 09	70	28 0825
		Fort Augustus	189	53	53	-	0	1	2	87	285	366	4	4.9	300	24	28 08	57	28 0725
1	Moray	Kinloss	57	41	41	28, 30	5	5	40	196	376	127	0	9.1	230	43	28 11	66	28 1030
		Lossiemouth	101	80	60	28	1	3	32	138	377	196	0	7.6	240	35	28 12	58	28 1050
	Aberdeen	Dyce	234	30	30	-	0	6	26	264	271	183	0	8.8	270	28	30 23	48	28 1425
	Angus	Bell Rock Lighthouse	128	131	124														
	Perth	Rannoch	1006	56	57	28	2	6	67	246	287	127	15	10.2	-	34	28 14	55	28 0655
		Tunnel Bridge	528	53	53	-	0	0	0	77	308	359	0	4.4	230	21	27 03	48	27 0425
	Fife	Leuchars	78	40	40	28	1	5	57	216	294	176	0	9.4	230	34	28 14	56	28 1220
	Midlothian	Turnhouse	137	40	33	-	0	4	29	188	337	190	0	8.2	240	31	28 09	53	28 0750
		Edinburgh, Blackford Hill	496	50	34	28, 30	5	6	89	147	325	178	0	9.6	180	38	30 02	61	30 0250
6a	Argyll	Tiree	89	60	47	28-30	14	18	220	270	133	107	0	15.7	220	44	28 07	65	28 0625
	Bute	Millport	50	34	34	-	0	8	68	319	244	113	0	11.6	050	30	8 01	52	28 1310
	Renfrew	Paisley	188	81	31														
		Renfrew	71	41	39	-	0	5	29	191	330	194	0	8.1	200	29	30 03	46	28 0650
	Linark	Lowther Hill	2415	43	33	27-31	32	13	136	369	186	21	0	16.0	210	41	30 04	69	31 2230
	Ayr	Prestwick Airport	68	33	33	-	0	4	39	191	391	123	0	9.0	260	26	29 05	44	30 0235
	Dumfries	Chapelcross	310	50	50	-	0	5	27	289	347	81	0	9.8	210	29	30 05	48	30 0450
		Eskdalemuir Observatory	825	50	35	-	0	5	31	104	264	345	0	6.0	220	29	27 14	49	27 1325
	Wigtown	West Freugh	81	33	33	-	0	4	19	264	356	105	0	9.6	250	26	31 23	50	31 2220
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	-	0	8	75	397	229	43	0	13.0	220	29	30 03	43	31 1945
2	Durham	Durham	389	53	33	-	0	5	17	126	256	345	0	5.8	240	28	27 24	52	30 2025
		South Shields	73	57	44	-	0	2	8	135	373	228	0	6.7	290	29	30 21	51	30 1730
	York, E.R.	Kilnsea	76	39	33														
	Lincoln	Cranwell	288	47	47	-	0	3	19	115	301	281	28	6.1	220	29	30 11	54	30 1450
3	Norfolk	Gorleston	54	43	43	-	0	7	40	414	213	77	0	11.7	200	27	30 10	39	30 1425
	Suffolk	Mildenhall	98	83	60	-	0	2	4	106	389	245	0	5.9	220	24	31 24	43	30 1455
	Bedford	Bedford	322	42	30	-	0	2	7	176	414	147	0	7.6	220	25	30 14	41	30 1600
		Cardington	226	133	133	-	0	2	21	253	254	216	0	8.6	250	30	30 15	49	30 1620
	Hertford	Garston	307	50	33	-	0	0	0	26	403	315	0	4.3	(260)	18	30 16	37	30 1510
		Rothamsted	461	41	33	-	0	0	0	35	408	301	0	4.6	230	16	30 14	38	30 1705
	Essex	Stansted	351	31	31	-	0	0	0	189	442	113	0	7.9	240	21	30 16	38	30 1725
		Coryton	66	57	48	-	0	0	0	148	455	137	4	7.4	220	21	30 14	41	30 1635
		Shoeburyness	118	106	91	-	0	7	74	405	200	62	3	12.8	200	29	31 17	42	30 1350
4	York, W.R.	Sheffield	533	83	35	-	0	0	0	32	178	508	26	2.8	240	18	31 23	48	30 1350
	Warwick	Edgbaston	643	118	73	-	0	1	2	122	581	39	0	7.6	270	22	30 15	40	30 1440
		Elmdon	343	31	31	-	0	1	4	147	350	243	0	6.5	270	30	30 15	47	30 1350
	Buckingham	Amersham	500	50	50	-	0	0	0	31	446	287	0	5.0	210	16	30 15	38	30 1500
	Stafford	Keele	706	50	33	-	0	0	0	130	484	130	0	7.1	230	21	30 12	41	31 1720
	Worcester	Pershore	154	33	33	-	0	2	12	187	373	172	0	7.4	260	26	30 15	45	30 1505
5	London	Kingsway	306	229	125	-	0	2	3	289	378	74	0	9.1	230	23	30 14	42	30 1525
	Middlesex	London (Heathrow) Airport	115	33	33	-	0	2	5	193	447	99	0	8.1	220	23	30 13	40	30 1710
		Hampton	139	101	100	-	0	2	5	83	411	245	0	5.8	220	23	31 20	40	31 1925
	Surrey	Kew Observatory	92	75	50	-	0	1	1	137	385	221	0	6.5	220	22	30 14	42	30 1325
		Gatwick	232	38	33	-	0	2	5	91	380	268	0	5.5	230	24	30 15	39	30 1420
	Kent	Isle of Grain	48	40	33	-	0	1	1	151	235	343	14	5.5	(240)	23	30 15	37	30 1355
		Dungeness	70	50	33														
		Dover	68	38	62														
	Sussex	Thorney Island	75	65	42	-	0	1	1	102	377	264	0	5.8	250	22	30 14	42	30 1335
	Hampshire	Hurn	86	53	46	-	0	2	5	122	462	155	0	6.9	240	24	30 13	41	31 2235
		Calshot	50	41	33														
		S. Farnborough	318	69	35	-	0	2	4	150	393	197	0	6.8	230	24	31 19	40	31 1835
	Berkshire	Abingdon	285	40	40	-	0	1	2	98	357	287	0	5.7	240	23	30 15	35	30 1430
	Wiltshire	Larkhill	491	51	36	-	0	0	0	145	409	190	0	6.6	230	18	31 22	37	31 2110
		Boscombe Down	425	55	55	-	0	2	6	276	391	71	0	9.2	230	24	31 17	40	31 1645
		Porton	406	44	44	-	0	2	4	141	346	253	0	6.2	210	23	30 09	37	31 1645
7a	Cumberland	Carlisle	137	42	30	-	0	5	17	184	425	118	0	8.3	220	26	30 05	44	31 2240
		Sella																	

MEAN PRESSURE AT 9 G.M.T.

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



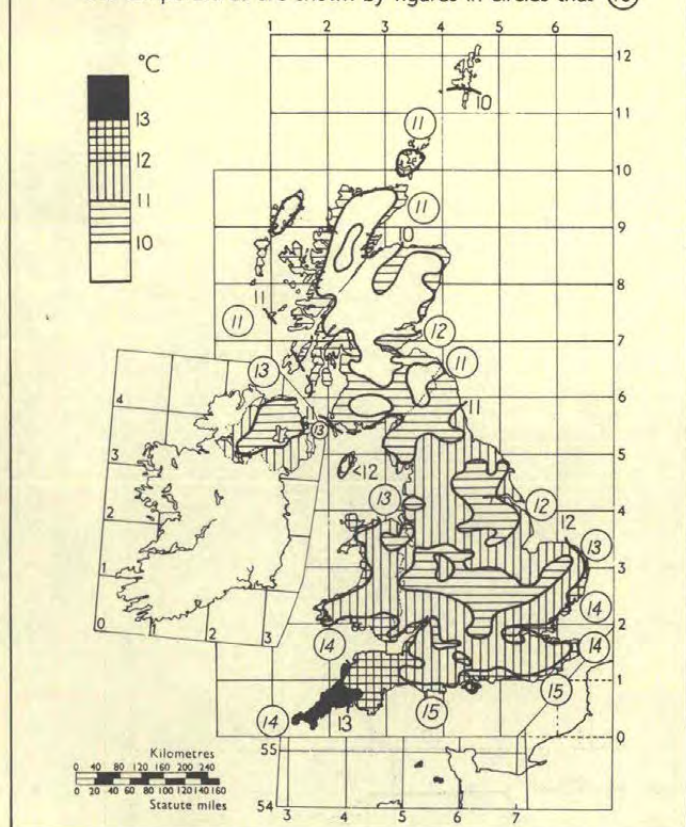
BRIGHT SUNSHINE



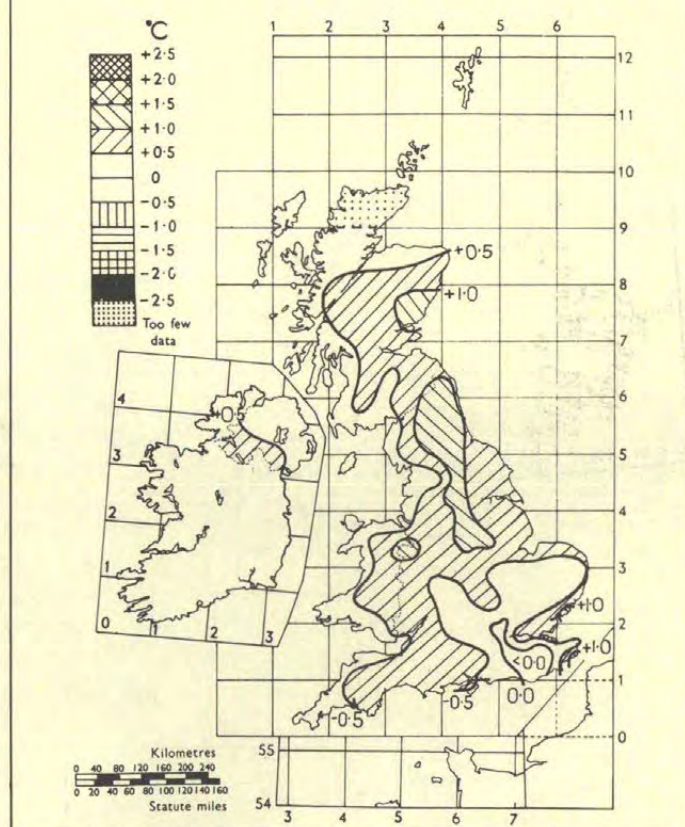
MEAN AIR TEMPERATURE

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

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



ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



RAINFALL

OCTOBER 1965

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

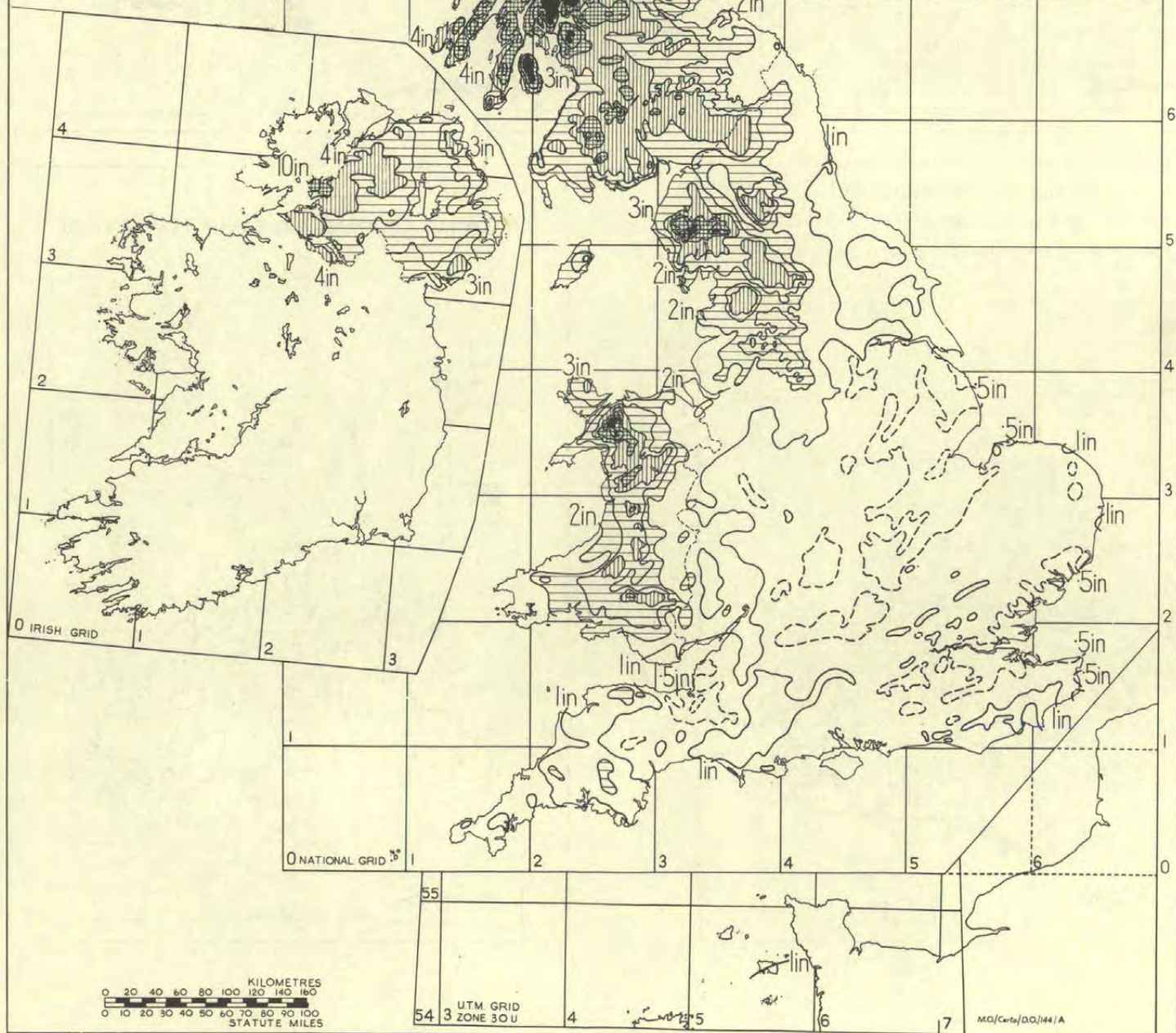
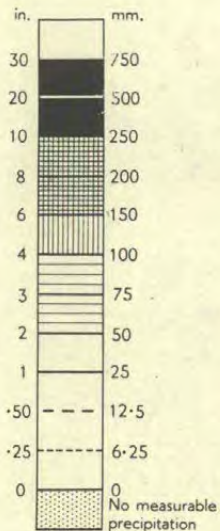


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER OCTOBER, 1965

DISTRICT, COUNTY AND PLACE		Termin Hours of Observa tion	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										HEIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Differ- ence from Average	Highest Maximum and Lowest Minimum						Total Fall	Per- centage of Average	Most in a day	Precip'n in (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	Per- centage of Aver- age					
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.														in.	%	in.	in.	in.
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
SCOTLAND, N.																															
Zetland	Hammavoe ...	9 9	70	11.6	8.6	10.1	-	14.4	1.13	5.0	9	-	-	4.97	-	.91	31	15	12	0	0	0	0	1	0	-	6	2.74	-		
	Lerwick Obs'y. ‡	21-9	269	10.8	7.6	9.2	+1.1	13.8	1	3.6	9	-	-	4.87	104	.84	4	16	14	0	0	0	1	0	2	0	4	1.91	88		
Orkney	Baltsound ...	9 9	78	11.4	7.1	9.3	-	13.9	1, 3, 5	1.7	9	9.6	-	4.68	98	.76	28	15	14	2	0	0	0	0	0	0	2	2.58	-		
	Sule Skerry ...	9 9	43	11.9	9.8	10.6	-	13.6	22	7.0	31	-	-	4.05	-	.78	26	13	11	0	0	0	0	0	0	0	4	-	-		
	Stenness ...	9 9	75	11.9	7.6	9.7	-	14.4	3	1.7	11	10.0	-	3.86	75	.51	26	15	13	0	0	0	0	0	0	0	4	4	2.97	-	
	Evie ...	9 9	110	11.9	7.6	9.7	-	15.0	2	3.9	12	-	-	3.53	-	.48	31	14	12	1	0	3	0	0	4	0	0	1	2.29	-	
Caithness	Kirkwall ...	21-9	84	11.8	7.7	9.7	-	14.0	5	3.3	16	-	-	3.56	79	.59	30	13	12	1	0	0	0	0	0	1	3	2.57	108		
	Dounreay ...	9 9	70	12.9	6.1	9.5	-	18.3	22	0.0	25	-	-	2.25	-	.27	1	14	13	1	0	0	0	0	0	0	4	4	-	-	
	Wick ... ‡	21-9	119	11.8	7.9	9.9	+0.9	16.9	5	1.4	11	-	-	2.19	70	.47	4	14	11	0	0	0	0	0	0	0	2	3	3.76	142	
	Sutherland	Cape Wrath ...	21-9	367	12.4	8.1	10.3	+0.9	22.2	22	3.0	29	-	-	3.68	71	1.03	26	16	13	0	0	2	0	0	1	0	0	4	2.82	-
Ross & Cromarty	Achany ...	9 9	280	12.6	-	-	-	16.7	22	-	-	9.3	10.2	2.91	62	.46	30	17	12	0	0	3	0	0	6	-	16	0	3.50	-	
	Strathly ...	9 9	120	13.1	5.7	9.4	+0.8	19.4	22	0.0	11	-	-	2.88	60	.38	26	16	12	1	0	0	0	0	0	1	-	0	3.66	155 S	
	Stornoway ‡	21-9	11	12.4	7.1	9.7	+0.3	15.2	22	0.0	24	-	-	4.81	110	.77	26	17	15	0	0	0	4	0	0	0	5	2	2.75	112	
	Balmacara ...	9 9	2	14.2	7.5	10.9	-	20.0	22	2.8	20	-	-	8.27	-	1.92	26	17	16	0	0	0	0	0	0	0	0	0	-	-	
Inverness	Pooleve ...	9 9	20	13.7	7.7	10.7	-	20.0	22	3.9	25	-	-	6.83	107	1.49	26	16	15	-	-	-	-	-	-	0	0	1	2	3.32	-
	Inverpoll ...	9 9	45	13.8	7.6	10.7	-	(18.9)	22	1.7	11	-	-	5.66	-	1.45	26	15	14	0	0	3	1	-	0	6	8	-	-	-	-
	Achnashellach ...	9 9	220	13.6	5.9	9.7	+1.0	18.3	22	0.0	25	-	-	9.50	104	2.00	27	16	16	0	0	0	0	0	0	0	0	1	-	-	-
	Kinlochewe ...	9 9	76	13.6	6.3	9.9	-	20.0	22	0.0	25	9.9	-	9.58	110	2.32	26	16	15	1	0	2	0	1	0	0	7	4	2.33	- S	
	Blackbridge ...	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fortrose ... ‡	9 9	15	12.4	7.7	10.1	+0.4	18.3	5	3.3	24	-	-	2.25	80	.70	31	12	8	0	0	0	0	0	1	0	-	1	2.95	106	
	Tarbatness ...	21-9	60	12.1	8.4	10.3	-	16.5	5	(2.5)	19	-	-	1.15	48	.29	31	11	9	0	0	0	0	0	2	0	-	2	-	-	-
	Benbecula ...	21-9	19	12.8	8.9	10.9	+1.1	15.7	7	5.4	18	-	-	5.71	112	.91	26	17	16	0	0	0	3	0	1	0	0	3	2.61	-	
	Isle of Rhum ...	9 9	15	13.2	8.2	10.7	-	17.2	7, 22	2.2	24	10.9	11.7	10.25	112	1.95	26	17	15	0	0	1	2	2	0	0	3	9	-	-	-
	Prabost ...	9 9	220	12.9	7.4	10.1	-	17.8	22	3.9	19, 20	-	-	8.78	103	1.73	26	17	15	0	0	0	3	0	0	0	5	5	2.56	-	
	Duntulm ...	9 9	294	12.8	8.0	10.4	+1.0	18.3	22	3.9	20	-	-	6.62	110	1.25	26	19	16	0	0	2	0	0	0	0	1	4	2	2.70	121 S
	Onich ... ‡	9 9	48	13.3	7.1	10.2	+0.7	17.8	6	0.0	19, 20	-	-	9.13	100	2.39	26	16	16	0	0	0	0	1	3	0	7	1	2.81	136 S	
	Fort William ...	9 9	27	13.5	6.0	9.7	-	16.7	8, 22	-2.8	24	10.2	11.4	9.09	-	2.45	26	18	16	0	0	0	1	1	0	3	8	3	2.68	- S	
	Fort Augustus ...	9 9	70	12.6	5.8	9.2	+0.4	17.2	5	-2.2	24	-	-	5.53	-	1.05	26	20	15	0	0	0	0	0	2	4	-	1	-	-	-
Cannich ...	9 9	350	12.1	3.0	7.5	-	17.2	5	-6.7	24	-	-	4.93	93	.86	31	18	13	0	0	0	0	0	0	10	12	1	-	-	-	
Inverness ...	9 9	13	12.7	5.9	9.3	-	17.8	5	-0.6	24	-	-	2.18	82	.62	31	11	8	0	0	0	0	0	5	1	4	1	2.98	-		
Coire Cas Shieling ...	9 9	2500	10.6	4.4	7.5	-	15.6	6, 9, 22	-1.1	31	-	-	4.42	-	1.06	4	15	14	4	0	0	0	0	0	9	1	-	2	-	-	
Cairngorm ...	9 9	3575	7.8	2.8	5.3	-	15.6	9	(-3.9)	31	-	-	6.95	-	(1.37)	4	16	14	-	-	-	-	-	-	4	-	-	-	-	- S	
Achnagoichan ...	9 9	1000	12.7	4.2	8.5	-	17.8	22	-0.6	24	8.8	-	-	2.57	-	.44	26	13	10	0	0	0	0	0	2	11	8	-	-	-	
Glenmore Lodge ...	9 9	1120	13.0	3.4	8.2	-	18.5	22	-8.5	19	-	-	2.21	50	.55	26	16	10	1	0	0	0	0	1	6	15	1	3.49	- S		
SCOTLAND, E.																															
Nairn	Nairn ... ‡	9 9	20	12.8	5.2	9.0	-0.2	17.2	5	-2.8	24	-	-	2.11	78	.56	31	16	11	0	0	0	0	0	0	3	11	1	3.60	120	
Moray	Forres ...	9 9	155	13.2	5.2	9.2	-	17.2	5	0.6	24	9.6	10.6	1.33	49	.38	31	14	8	0	0	0	0	0	0	0	4	0	3.52	117	
	Kinloss ...	21-9	15	13.6	5.1	9.3	-	17.8	21	-2.5	24	9.7	-	1.39	52	.40	31	14	9	0	0	0	0	0	0	3	9	2	3.86	-	
Banff	Elgin ...	9 9	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lossiemouth ...	9 9	21	13.3	4.8	9.1	0.0	16.1	5, 21	-0.6	23	-	-	1.15	43	.36	31	11	6	0	0	0	0	0	0	1	14	1	-	-	
	Gordon Castle ...	9 9	104	14.1	6.1	10.1	+0.9	18.3	5	1.7	10, 19	-	-	1.31	42	.37	31	12	7	-	0	-	-	-	-	0	-	-	4.24	148	
	Glenlivet ...	9 9	706	13.3	4.1	8.7	-	20.0	22	-4.6	19	-	-	1.89	-	.45	4	13	9	0	0	0	0	0	0	8	14	0	4.21	-	
Aberdeen	Banff ...	9 9	80	12.7	7.2	9.9	-	17.2	5	2.8	12, 19	-	-	1.69	-	.46	4	9	7	0	0	0	0	0	0	1	0	-	2	3.66	-
	Braemar ...	9 9	1113	11.7	3.2	7.5	+0.5	16.1	5	-6.7	24	-	-	2.39	58	.50	1	14	11	-	0	-	-	-	1	8	8	-	2.74	-	
	Balmoral ...	9 9	927	11.6	2.7	7.1	-0.1	16.1	5	-6.1	24	-	-	1.76	47	.44	1	16	8	3	0	0	0	0	0	9	15	0	-	-	-
	Dinnet ...	9 9	580	13.1	4.2	8.7	-	18.9	5	-5.0	24	9.3	-	1.75	-	.81	1	10	6	0	0	0	0	0	2	7	13	0	3.30	-	
Kincardine	Huntly ...	9 9	405	12.7	5.2	8.9	-	17.7	5	-2.4	19	-	-	1.65	44	.53	1	13	6	0	0	0	0	0	2	3	8	0	-	-	-
	Fyvie Castle ...	9 9	218	12.8	5.4	9.1	-	18.9	5	-2.2	19	-	-	1.84	49	.65	1	11	7	0	0	0	0	0	3	10	1	3.22	- S		
	Craibstone ...	9 9	300	12.2	7.0	9.6	+0.9	18.3	5	2.8	13, 19	10.0	10.4	1.48	41	.58	1	11	5	0	0	0	0	0	2	0	3	1	2.90	98	
	Dyce ...	21-9	190	12.9	6.5	9.7	+0.9	19.6	5	-1.2	13	-	-	1.21	32	.47	1	6	5	0	0	0	0	0	1	3	7	1	2.86	-	
	Aberdeen ...	9 9	170	12.4	7.0	9.7	+0.8	17.8	5	-0.6	19	-	-	1.41	41	.51	1	8	5	0	0	0	0	0	4	1	2	0	2.90	97	
	Hilton ...	9 9	230	12.3	7.2	9.7	-	18.3	5	2.2	13	10.1	-	1.34	-	.45	1	6	4	0	0	0	0	0	2	0	6	0	-	-	-
	Udny ...	9 9	352	12.1	6.2	9.1	-	17.2	5	1.1	11, 19	-	-	1.56	40	.50	1	10	5	0	0	0	0	0	3	0	7	0	3.22	-	
	Rattray Head ...	21-9	85	12.0	7.8	9.9	+0.9	18.0	5	2.5	19	-	-	1.59	53	.60	4	11	6	0	0	0	0	0	1	0	-	3	3.23	-	
	Fettercairn ...	9 9	560	11.3	6.1	8.7	-	15.6	5, 6	1.1	19	-	-	3.03	73	.84	31	13	7	0	0	0	0	0	13	4	10	0	3.31	- S	
	Strachan ...	9 9	395	12.6	5.4	9.0	-	17.8	5	-2.2</																					

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 of Air and Soil	Difference from Average	Highest Maximum and Lowest Minimum						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	in.	%																in.	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more
					Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	1 ft.	4 ft.	in.	%	in.										hr	%
1 SCOTLAND, E.—cont.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.															
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	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	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	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	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	-	5	11	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	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	1	-	2	-	-	-
	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	3	0	2	-	-	-
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	6	8	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	5	11	0	-	-
	Glenstress ...	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	2	5	-	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	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	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	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	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	-	-
	Lepinmore ...	9 9	30	13.2	7.6	10.4	-	18.3	6	1.7	19	-	-	7.39	90	1.91	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	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	1	0	5	0	-	-
Bute	Rothesay	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	1	4	0	-	2	-	-
Dunbarton	Finnart ...	9 9	50	12.9	8.3	10.6	-	16.7	6	3.9	18, 19, 23	-	-	11.78	-	2.97	4	14	13	0	0	1	0	0	-	0	-	2	-	-
	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	-	1.95	91
	Cumernauld ...	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	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	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	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	1	7	3	8	3	-	-

•• Training

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		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Most in a day	Number of days										Daily Mean	Percentage of Average		
			A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.				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				
																												Amount	Date	-0 in. (0.2 mm.) or more	-0 in. (1.0 mm.) or more
	Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%		
5 ENGLAND, S.E.—cont.																													
Surrey																													
cont. Kew Observatory †	21-9	18	15.9	8.4	12.1	+1.0	24.3	7	1.4	23	11.8	12.9	.84	37	.37	14	5	4	0	0	0	0	9	0	8	0	4.52	143	
Gatwick ...	21-9	192	16.0	5.4	10.7	-	24.2	7	-3.8	23	-	-	.46	-	.21	14	5	2	0	0	0	0	8	3	9	0	5.03	-	
Waddon ...	9 9	220	16.1	7.2	11.7	-0.8	23.9	7	0.6	23	-	-	.65	24	.28	14	4	3	-	-	-	-	0	-	-	-	-	-	
Addington ...	9 9	474	15.5	7.9	11.7	+1.3	23.3	7	2.2	23	-	-	.52	18	.25	14	5	4	-	-	-	-	2	0	-	-	-	-	
Bromley ...	9 9	213	16.2	7.2	11.7	+0.8	23.9	7	0.6	23	-	-	.43	17	.25	14	4	3	-	0	-	-	5	0	-	-	-	-	
Swanley ...	9 9	177	15.7	5.8	10.7	-	23.3	7	-1.7	24	12.2	-	.33	-	.22	14	3	2	0	0	0	0	9	4	9	0	4.39	-	
Dartford ...	9 9	17	16.4	6.7	10.5	-	23.9	7	0.6	23, 24	-	-	.32	15	.20	14	4	2	0	0	0	0	8	0	-	-	-	-	
West Malling ...	21-9	304	15.5	6.8	11.1	-	24.0	7	0.4	23	-	-	.41	-	.19	31	4	3	0	0	0	0	6	0	11	0	5.42	-	
Goudhurst ...	9 9	280	15.8	5.7	10.7	-	23.9	7	-2.2	23	-	-	.72	20	.48	31	6	3	0	0	0	0	5	2	11	0	-	-	
East Malling †	9 9	122	16.2	5.9	11.1	+0.9	24.4	7	-1.7	23	11.4	13.1	.39	14	.18	31	5	3	0	0	0	0	7	2	7	0	5.00	146	
Gillingham ...	9 9	14	16.2	7.3	11.7	-	22.8	4	-0.5	23	-	-	.39	-	.16	1	3	3	0	0	0	0	4	1	-	0	5.07	-	
Sittingbourne ...	9 9	224	15.7	6.6	11.1	-	24.4	7	-1.1	23	11.8	13.1	.47	14	.18	1	6	3	0	0	0	0	4	1	10	1	5.23	-	
Isle of Grain ...	9 9	9	15.8	9.3	12.5	-	21.1	7	3.9	23, 24	-	-	.24	-	.09	1	4	3	0	0	0	0	7	0	0	0	4.56	-	
Faversham ...	9 9	157	15.6	6.7	11.1	-	23.3	7	-2.8	23	12.1	13.4	.78	-	.40	1	6	3	0	0	0	0	7	2	4	1	5.49	-	
Dungeness ...	21-9	10	15.3	9.6	12.5	+0.7	20.2	7	2.1	26	-	-	1.22	40	.70	1	7	4	0	0	0	0	2	0	-	1	-	-	
Wye ...	9 9	185	15.8	7.1	11.5	+0.9	24.4	7	-1.1	23	-	-	.99	29	.54	31	4	4	0	0	0	0	5	1	3	1	5.58	153	
Whitstable ...	9 9	9	15.8	7.7	11.7	-	23.9	7	0.0	23	-	-	.52	21	.25	1	3	3	0	0	0	0	1	1	-	1	5.44	-	
Folkestone ...	9 9	128	15.5	9.9	12.7	-	22.2	7	5.6	29	-	14.2	.71	23	.25	14	5	4	0	0	0	0	1	0	0	1	5.65	-	
Elmstone ...	9 9	28	15.4	6.7	11.1	-	22.8	7	-2.2	23	-	-	.73	-	.34	1	4	3	-	0	-	-	3	3	5	-	-	-	
Herne Bay ...	9 9	21	15.5	9.4	12.5	-	22.8	7	2.8	22, 23	-	-	.48	19	.21	1	3	3	0	0	0	0	1	0	-	0	5.43	-	
Dover ...	9 9	19	15.8	9.8	12.8	+1.0	22.2	7	3.9	22	13.8	14.6	.74	22	.28	14	6	5	0	0	0	0	1	0	0	0	5.62	-	
Deal ...	21-9	18	15.1	9.9	12.5	-	19.8	7	1.9	26	-	-	.54	-	.25	31	5	3	0	0	0	0	2	0	0	0	-	-	
Manston ...	21-9	145	15.3	8.7	12.0	-	22.6	7	3.3	22, 23	-	-	.48	-	.24	14	6	3	0	0	0	0	2	0	2	0	-	-	
Ramsgate ...	9 9	80	15.2	10.8	13.0	-	20.0	7	7.2	29	-	-	.62	23	.29	14	3	3	0	0	0	0	1	0	-	1	5.37	144	
Margate ...	9 9	51	14.9	10.8	12.8	+0.8	21.7	7	6.7	23	12.6	13.8	.41	17	.26	14	3	3	0	0	0	0	2	0	0	0	5.51	147	
Thorney Island ...	21-9	10	16.7	8.4	12.5	-	23.2	7	1.6	23	-	-	.48	17	.24	31	2	2	0	0	0	0	1	0	1	0	5.24	-	
Bognor Regis ...	9 9	24	15.3	9.2	12.3	+0.8	19.4	5	5.6	16, 23	-	13.9	.73	24	.37	14	2	2	0	0	0	0	0	0	1	0	5.86	149	
Fernhurst ...	9 9	188	15.6	6.2	10.9	-	23.9	7	-2.2	23	11.7	-	.62	18	.31	31	4	3	0	0	0	0	-	1	12	0	4.49	-	
Littlehampton ...	9 9	15	15.9	-	-	-	21.1	5, 7	1.7	23	-	-	.73	24	.39	31	2	2	0	0	0	0	0	0	0	0	5.71	146	
Rustington ...	9 9	10	15.9	7.9	11.9	-	22.8	7	1.1	23, 24	-	12.7	.66	-	.33	4, 31	2	2	-	0	-	-	-	0	5	-	5.42	-	
Worthing ...	9 9	25	15.8	9.4	12.6	+0.8	21.1	7	3.9	23	12.3	13.5	.66	22	.39	31	3	2	0	0	0	0	0	0	0	0	5.90	148	
Brighton ...	9 9	32	16.1	9.8	12.9	-	22.2	7	4.4	23	-	14.2	.55	19	.33	31	3	2	0	0	0	0	2	0	1	1	5.86	149	
East Grinstead ...	9 9	400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Hoathly ...	21-9	130	15.9	6.6	11.3	-	23.3	7	-1.4	23	-	-	.64	-	.48	31	4	2	0	0	0	0	5	2	8	0	5.36	-	
Eastbourne ...	9 9	23	15.3	9.8	12.5	+0.6	20.0	7	3.9	23	13.3	14.6	.56	16	.24	31	6	3	0	-	0	0	2	0	0	1	5.32	134	
Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bexhill ...	9 9	12	15.3	9.7	12.5	+0.8	21.7	7	4.4	16, 23	12.6	-	.68	21	.42	31	4	3	0	0	0	0	3	0	0	1	5.23	135	
Bodiam ...	9 9	73	15.8	5.8	10.8	-	23.3	7	-3.3	23	12.0	13.3	.92	26	.63	31	5	3	0	0	0	0	8	3	7	0	4.94	-	
Hastings †	9 9	149	15.4	10.2	12.8	+1.0	22.2	7	5.0	23	12.4	13.8	.64	20	.27	31	4	3	0	0	0	0	1	1	0	0	5.55	141	
Berkshire																													
Letcombe Regis ...	9 9	350	15.1	6.4	10.7	-	22.2	5	0.6	17	-	-	.47	-	.15	31	8	5	0	0	0	0	7	0	-	0	-	-	
Abingdon ...	21-9	210	15.2	6.8	11.0	+0.6	23.5	5	-0.3	17	-	-	.39	16	.14	31	5	5	0	0	0	0	1	8	1	5	0	3.41	-
Compton ...	9 9	339	14.8	5.8	10.3	-	22.2	(5)	-1.1	17	(12.6)	-	.79	-	.31	7	4	4	-	0	-	-	-	1	6	-	-	-	
Wallingford ...	9 9	157	15.3	5.7	10.5	-	22.8	5	-1.1	17	12.0	12.7	.44	-	.20	31	7	3	0	0	0	0	1	-	11	0	3.72	-	
Shinfield ...	9 9	200	15.6	6.6	11.1	+0.7	24.4	7	-0.6	17	-	-	.77	29	.37	31	6	4	-	0	-	-	-	7	1	3	-	3.41	-
Reading ...	9 9	148	15.7	7.5	11.6	+0.8	23.9	7	1.1	17, 23	12.2	13.5	.61	23	.25	14	5	4	0	0	0	0	1	8					

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				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		1 ft.	4 ft.															in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (1.0mm.) or more
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
7a ENGLAND, N.W.—cont.																														
Lancashire	Squires Gate ...	21-9	33	14.8	7.1	10.9	+0.4	22.1	5	0.9	24	-	-	1.73	47	.48	31	11	8	0	0	0	0	2	0	6	0	4.23	137	
	Urswick ...	9 9	130	14.6	7.2	10.9	-	21.7	5	2.2	24	-	-	2.41	48	.76	31	12	7	0	0	0	0	5	0	-	4	-	-	
	Southport ...	9 9	16	14.7	6.9	10.8	-	22.2	5	1.1	24	10.6	12.0	1.61	45	.52	31	10	8	-	-	-	-	11	0	1	-	3.86	-	
	Poulton-le-Fylde ...	9 9	38	14.4	7.8	11.1	-	21.1	5	2.8	23	-	-	2.15	53	.65	31	12	10	0	0	0	0	1	0	-	0	-	-	
	Grizedale ...	9 9	300	14.4	4.8	9.6	-	21.7	5	-1.7	24	-	-	4.22	-	1.50	31	12	9	0	0	0	0	5	3	14	0	-	-	
	Speke ...	21-9	80	14.6	8.6	11.6	-	21.4	5	4.1	11	-	-	1.43	46	.37	31	8	7	0	0	0	0	5	0	3	0	2.90	-	
	Kirkham ...	9 9	78	15.0	7.3	11.1	-	22.2	5	1.7	23, 24	-	-	1.99	47	.54	31	-	-	-	-	-	-	-	-	-	-	4.20	-	
	Garstang ...	9 9	68	14.6	7.7	11.1	-	21.7	5	1.7	16, 17	-	-	2.45	58	.71	1	11	8	-	-	-	-	0	0	-	-	4.28	-	
	Morecambe ...	9 9	24	14.7	8.3	11.5	+1.0	21.1	6	4.4	16	-	-	2.42	58	.66	1	11	9	0	0	0	0	0	0	-	0	4.34	344	
	Penketh ...	9 9	50	15.1	7.1	11.1	-	21.7	5	0.0	24	11.3	11.8	1.58	-	.33	14, 33	10	7	0	0	0	0	0	11	1	9	0	3.43	-
	Preston ...	9 9	108	14.7	7.9	11.3	-	22.2	5	1.7	16	-	-	2.16	51	.67	31	11	10	0	0	0	0	5	0	4	0	-	-	-
	Stonyhurst ...	9 9	377	14.3	7.5	10.9	+1.2	22.2	5	2.2	16	-	-	2.95	56	.91	31	9	9	-	-	-	-	1	0	0	-	3.53	127	
	Manchester W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.55	-	
	Helmshore ...	9 9	854	13.1	7.1	10.1	-	21.1	5	2.8	23	9.8	-	4.04	62	1.04	31	12	11	-	-	-	-	3	0	6	-	4.02	-	-
	Burnley ...	9 9	655	13.7	7.3	10.5	-	22.2	5	1.1	16	10.5	10.9	2.50	-	.95	31	11	9	0	0	1	0	0	2	0	1	0	3.63	-
	Nelson ...	9 9	540	13.4	7.3	10.3	-	21.1	5	1.7	16	10.9	11.4	3.01	61	1.34	31	11	7	-	-	-	-	1	0	0	-	3.19	- S	
Rochdale ...	9 9	362	14.6	6.5	10.5	-	22.2	5	1.1	16, 23	-	-	2.43	52	.80	31	11	10	0	0	0	0	2	0	4	0	-	-	- S	
Cheshire	Bidston Obs'y. ...	9 9	198	13.6	8.7	11.1	+0.8	19.4	5	5.0	17, 24	-	-	1.34	45	.42	14	8	7	-	-	-	-	4	0	0	-	3.29	113	
	Winnington ...	9 9	65	15.1	7.9	11.5	-	21.7	5	1.1	24	-	-	1.35	43	.36	31	10	7	0	0	0	0	6	0	0	-	-	-	
	Knutsford ...	9 9	212	15.3	6.6	10.9	-	23.5	5	-0.3	24	11.2	12.7	1.39	42	.33	2	10	7	-	-	-	-	1	9	-	-	-	-	
	Ringway ...	21-9	248	15.1	7.7	11.4	+1.5	22.7	5	0.4	23	-	-	1.62	50	.33	31	8	7	0	0	1	1	0	2	1	2	0	4.17	151
	Macclesfield ...	9 9	500	14.4	7.7	11.1	+1.6	22.8	5	1.7	24	-	-	1.18	33	.42	31	10	8	0	0	1	0	0	0	-	0	-	-	-
	7b NORTH WALES																													
Flint	Rhyl ...	9 9	31	15.0	8.6	11.8	+0.9	23.3	5	3.9	12	-	-	1.98	66	1.10	1	10	7	0	0	0	0	0	0	0	1	4.15	132	
	Prestatyn ...	9 9	12	15.2	-	-	-	23.3	5	-	-	-	-	2.43	79	1.23	1	10	7	0	0	0	0	0	0	-	0	3.54	122	
Anglesey	Hawarden Bridge ...	9 9	17	14.4	7.3	10.9	+0.4	20.6	5	1.1	11, 17	-	-	1.12	39	.41	31	9	4	0	0	0	0	4	0	-	1	-	-	
	Valley ...	21-9	33	15.6	8.8	12.2	+0.8	20.8	5	1.2	24	-	-	2.76	72	1.35	1	10	7	0	0	0	0	0	0	3	4	4.87	148	
Denbigh	Colwyn Bay ...	9 9	118	15.2	8.4	11.8	+0.6	20.6	5	3.3	23	11.6	-	1.61	49	1.17	1	8	4	0	0	0	0	0	0	-	0	4.17	136	
	Alwen ...	9 9	1100	12.7	4.6	8.7	-	20.6	5, 6	-1.7	12	-	-	2.87	52	.80	31	10	10	-	-	-	-	3	9	-	-	-	-	
	Ruthin ...	9 9	248	14.3	6.9	10.6	-	21.7	5	1.7	12	-	-	1.58	-	.50	1	11	8	-	-	-	-	0	0	-	-	3.72	-	
	Loggerheads ...	9 9	690	13.4	6.4	9.9	-	21.1	5	1.1	23	10.2	11.2	1.63	-	.75	1	11	7	0	0	0	0	3	0	1	0	-	-	
	Bwlchwyn ...	9 9	1267	11.8	-	-	-	19.4	5	-	-	9.5	-	2.49	54	.76	1	12	12	0	0	0	0	8	0	0	-	-	-	-
	Wrexham ...	9 9	275	-	-	-	-	-	-	-	-	11.3	12.1	1.27	40	.43	1	12	7	0	0	0	0	9	-	0	-	-	-	
Caernarvon	Bardsey Island ...	21-9	61	14.7	11.3	13.0	-	19.2	5	8.0	24	-	-	2.18	-	.92	1	9	8	-	-	-	-	0	0	0	-	-	-	
	Botwnnog ...	9 9	112	15.2	8.5	11.9	-	23.3	5	3.3	24	12.1	12.9	2.78	-	1.44	1	11	7	0	0	0	0	0	0	6	1	4.83	-	
	Bryn Adda ...	9 9	275	15.9	8.3	12.1	-	22.8	5	2.2	24	-	-	2.99	56	1.08	1	10	9	0	0	0	0	0	0	6	0	5.11	-	
	Cwm Dyli ...	9 9	324	15.4	7.6	12.5	-	25.6	5	1.7	12	11.6	-	8.93	58	2.29	31	13	11	-	-	-	-	0	0	9	-	-	-	
	Aber ...	9 9	60	16.2	8.6	12.4	+1.1	20.6	6, 8	2.2	24	-	-	3.56	73	1.18	1	10	8	0	0	0	0	0	0	5	0	4.59	164 S	
	Llandudno ...	9 9	13	15.2	9.2	12.2	+0.8	20.0	6	3.3	24	-	-	2.05	63	1.26	1	8	7	0	0	0	0	0	0	-	3	4.63	143	
Merioneth	Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Blaenau Ffestiniog ...	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen ...	9 9	473	14.4	4.6	9.5	-	22.8	5	-1.1	17, 23	-	-	1.96	41	.76	1	10	8	0	0	0	0	0	-	3	9	0	- S	
	Ceunws ...	9 9	200	14.7	6.6	10.7	-	21.7	5, 6	1.7	18, 24	-	-	5.87	-	1.68	31	10	10	-	-	-	-	1	0	9	-	-	-	
Montgomery	Lake Vyrnwy ...	9 9	995	12.4	6.4	9.4	-	19.4	5	1.7	17	10.4	-	3.86	54	1.39	31	12	9	0	0	0	0	7	0	17	0	-	-	
8a SOUTH WALES																														
Cardigan	Aberporth ...	21-9	378	15.1	9.1	12.1	+1.3	22.0	5	3.2	24	-	-	1.40	30	.57	1	9	6	0	0	0	0	0	0	5	0	5.06	-	
	Aberystwyth ...	9 9	12	15.8	7.6	12.7	+1.5	23.9	5	3.9	24, 25, 26	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	5.33	154	
	P.B.S.* ...	9 9	452	15.3	8.3	11.8	+1.2	23.3	5	2.8	23, 24	-	-	2.80	60	1.57	1	10	9	0	0	0	0	0	1	0	3	0	5.48	172 S
	Gogerddan ...	9 9	103	16.1	7.5	11.8	-	23.9	5	0.0	23, 24	-	-	2.26	50	1.21	1	9	8	0	0	0	0	0	0	4	1	5.01	-	
	Swyddffynnon ...	9 9	540	15.2	7.4	11.3	-	23.3	6	0.8	17	-	-	2.63	47	.91	1	10	9	-	-	-	-	0	0	3	-	5.02	-	
	Trawcoed ...	9 9	200	15.8	7.3	11.5	-	22.8	5, 6	-1.1	24	12.2	-	2.67	51	1.14	1	10	9	0	0	0	0	0	1	8	0	5.24	-	
	Llety-evan-hen ...	9 9	950	13.8	7.9	10.9	-	21.7	5	2.8																				

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	Per-centage 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	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum						Date	-0.1 in. (0.1 mm.) or more	-0.1 in. (1.0 mm.) or more											Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			°C.	°C.		°C.	°C.	°C.	°C.						°C.	in.	%											in.	Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
8b ENGLAND, S.W.—cont.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Devon	9 9	412	16.1	7.2	11.7	-	23.9	5	0.0	18	-	-	.91	-	.23	1	9	6	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE IV—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	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.	440-1,000 yd.	1,000-2,100 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	10	11	12	13	14	15	16	17	18	19	20																																																																																																																																																																																																																																																																																																																																																																																																																															
																														10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50																																																																																																																																																																																																																																																																																																																																																																																																																					
0 SCOTLAND, N.			G.M.T.	ft.	mb.	mb.	°C	°C	mb.	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

[illegible]

STATION	MAXIMUM TEMPERATURE °C.										STATION	MAXIMUM TEMPERATURE °C.									
	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	0° or less	0° to 5°		0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	0° or less	0° to 5°
Lerwick Observatory	0	0	8	23	0	0	0	0	0	0	2	28	1	0	0	0	0	0	0	0	4
Stornoway	0	0	2	28	1	0	0	0	0	0	1	5	20	5	0	0	0	0	0	0	5
Craibstone	0	0	1	29	1	0	0	0	0	0	0	10	16	5	0	0	0	0	0	0	1
Rothsay	0	0	2	27	2	0	0	0	0	0	0	3	21	7	0	0	0	0	0	0	5
Renfrew	0	0	2	26	3	0	0	0	0	0	0	3	8	9	11	0	0	0	0	0	5
Eskdalemuir Observatory	0	0	4	21	6	0	0	0	0	0	0	2	13	12	4	0	0	0	0	0	2
Douglas	0	0	0	29	2	0	0	0	0	0	0	1	21	9	0	0	0	0	0	0	4
Cockle Park	0	0	0	27	2	0	0	0	0	0	0	6	22	3	0	0	0	0	0	0	1
Gorleston	0	0	0	19	12	0	0	0	0	0	0	2	9	20	0	0	0	0	0	1	4
Cambridge	0	0	0	25	4	2	0	0	0	0	1	11	14	5	0	0	0	0	0	10	13
Edgbaston	0	0	11	18	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Kew Observatory	0	0	0	15	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Hastings	0	0	0	19	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Southampton	0	0	0	4	25	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Stonyhurst	0	0	0	24	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Bidston	0	0	1	25	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Valley	0	0	0	16	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Falmouth	0	0	0	23	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Aldergrove	0	0	1	27	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4
Armagh	0	0	1	23	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	13

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	31
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	439	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	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		Veer from N.	Speed	Hour ended at	Speed	Day and Time			
1944		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots (m. p. h.)	day hr.	knots	day	h.m.		
June 1962	Lerwick	310	59	39																
January	Rothamsted	461	41	33					202	420										
July	Rothamsted	461	41	33					34		213									
October	Rothamsted	461	41	33							318									
Jan. 1963 - July 1965	Lowther Hill	2415	49	33																
1963																				
February	Rothamsted	461	41	33																
April	Rothamsted	461	41	33																
May	Rothamsted	461	41	33																
June	Rothamsted	461	41	33																
September	Rothamsted	461	41	33					75	376										
1964																				
March	Rothamsted	461	41	33																
April	Rothamsted	461	41	33					168	444	126									
June	Rothamsted	461	41	33																
September	Rothamsted	461	41	33																
October	Rothamsted	461	41	33					34	427	247									
1965																				
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 Number of days										BRIGHT SUNSHINE		
				Means of		Difference from Average	Highest Maximum and Lowest Minimum			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.		Maximum	Date	Minimum			Date	Amount	Date	-0.1in.(0.2mm.) or more	-0.01in.(1.0mm.) or more														
				Max. Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	hr	%
1965		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	hr	%
July	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	-	-	
	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																										4.95	-
	Newton Abbot	9 9	272																										5.29	81
	Llyn Stwlan	9 9	1656											5.76	221	2.20	7	18	14											
	Skegness	9 9	15											8.41	-	1.48	28	21	20											
	Dale Fort	9 9	109											2.75	124															
August	Lizard	9 9	240											2.71	114														7.62	-

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Printed in England for H.M. Stationery Office by KeySwift Ltd, Edgware. Wt. 15/PS407645 K.12. 2/66. Grp S.T. 72-7-65-10.

Monthly Weather Report 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

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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									
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.	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 1 ft.	Mean 4 ft.			
	Difference from 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)

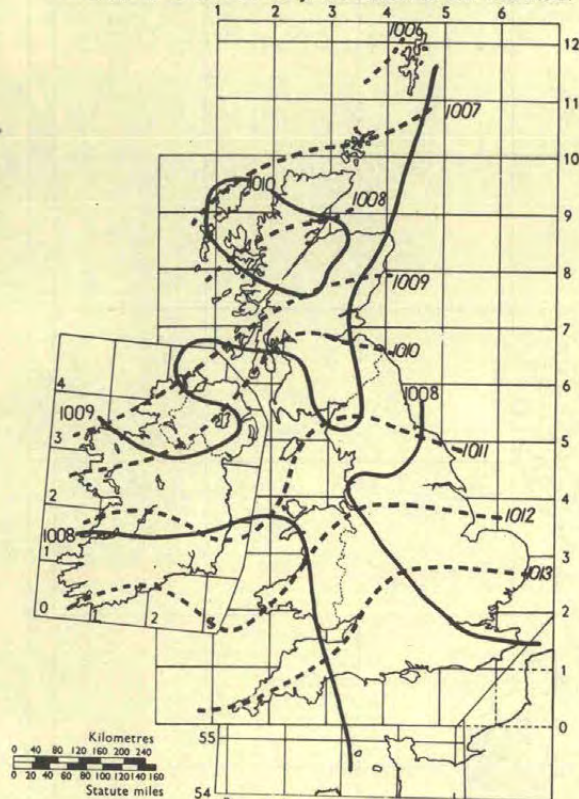
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed								Mean Hourly Wind Speed	Highest Velocities					
		Above Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record		Highest Hourly Wind			Highest Gust		
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Veer from N		Speed	Hour ended at	Speed	Day and Time		
		ft.	ft.	ft.		hr.		hr.	hr.	hr.	hr.	knots	°	knots	day hr.	knots	day	h.m.	
SCOTLAND																			
0	Zetland	Lerwick Observatory	304	33	33	1	8	11	88	286	250	88	0	12.3	030	43	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	Downreay	110	39	30	23, 26-28	7	17	175	281	167	54	36	15.5	030	38	23 14	58	23 1345
	Sutherland	Shin	78	33	33														
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	7, 16, 17	3	12	113	341	170	98	0	13.5	100	35	7 20	52	23 1330
	Inverness	Duirinish	125	65	55	27, 29	8	10	62	267	221	155	7	10.9	330	40	29 16	60	1 0045
		Benbecula	92	33	38	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	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	2415	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			

MONTHLY WEATHER CHARTS

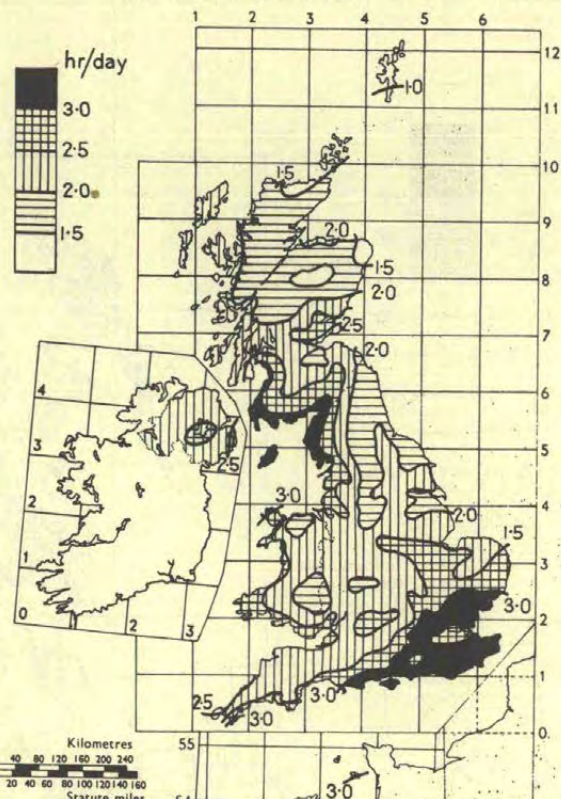
NOVEMBER 1965

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.



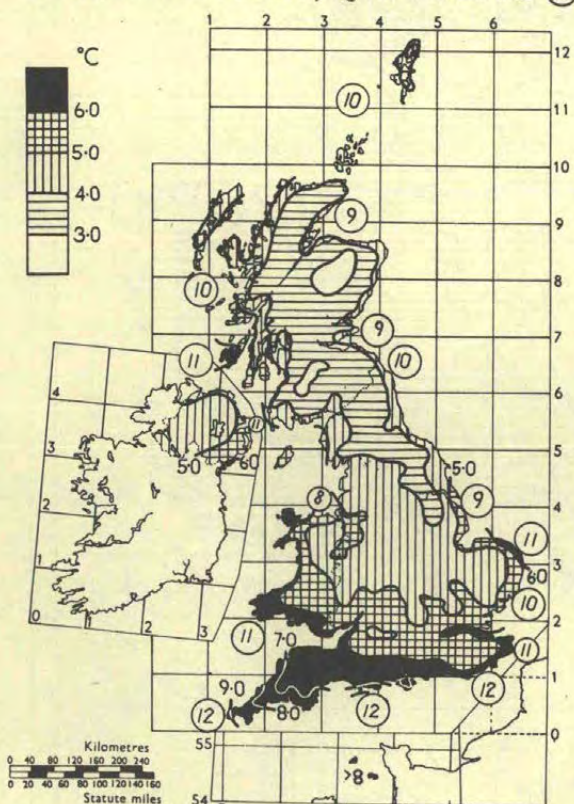
BRIGHT SUNSHINE



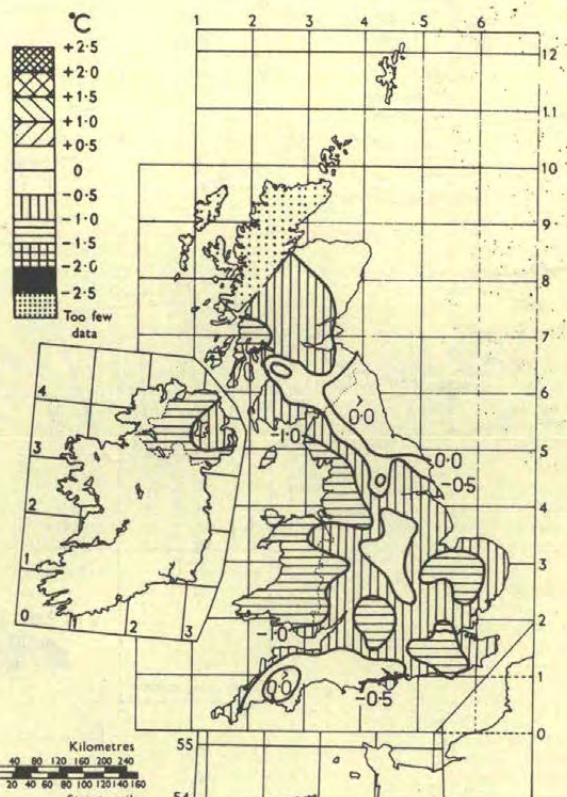
MEAN AIR TEMPERATURE

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 NOVEMBER 1965

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

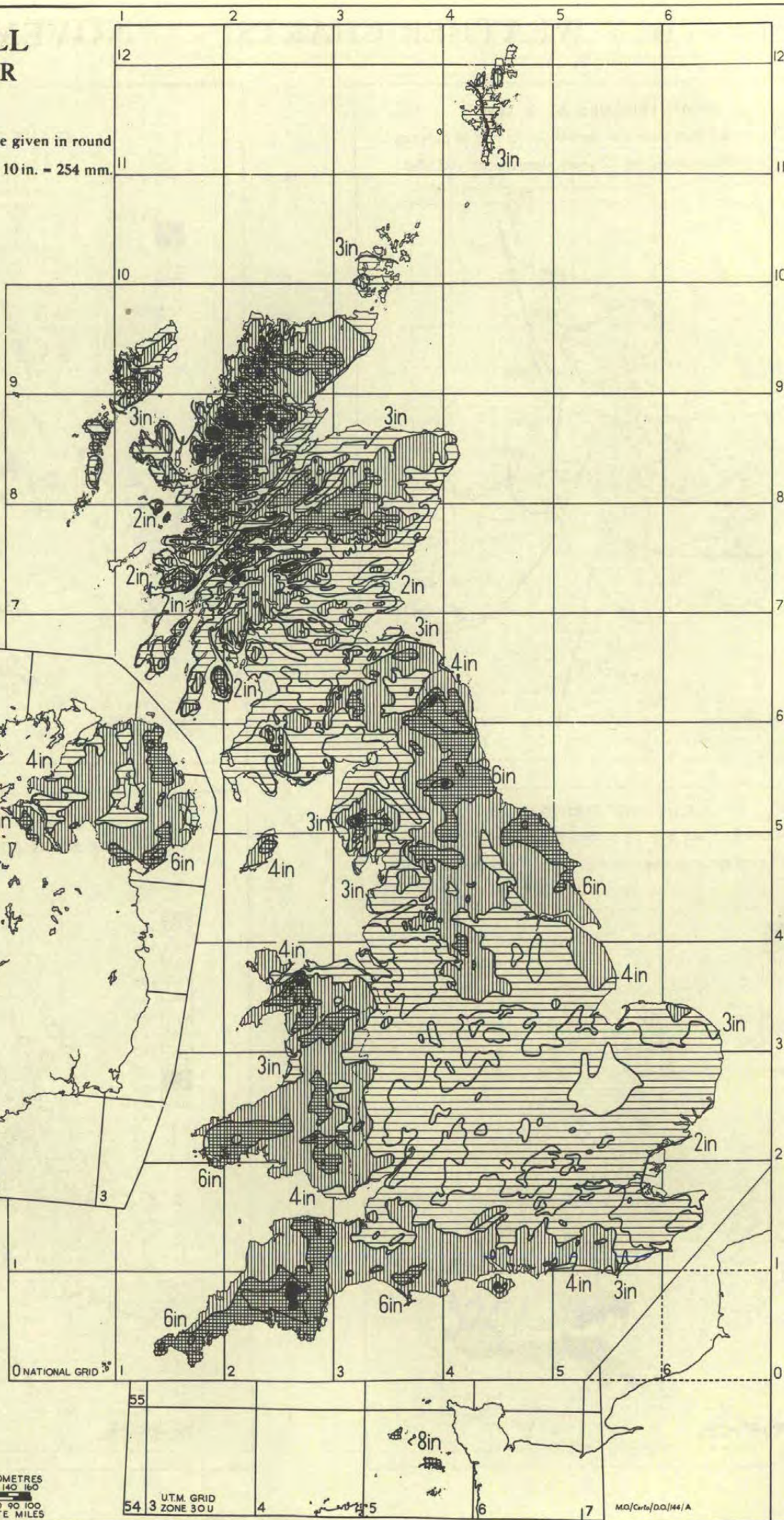
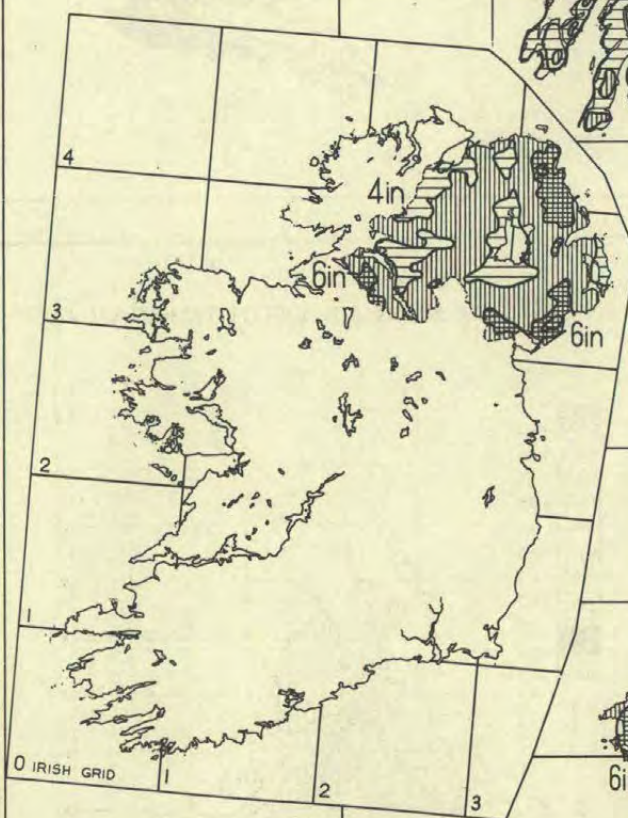
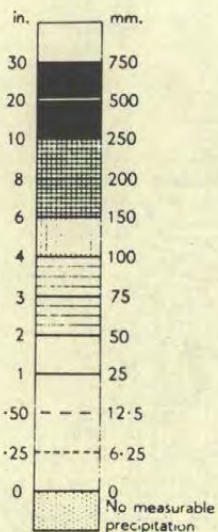


TABLE III — SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER NOVEMBER, 1965

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		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				TEMPERATURE		Total Fall	Percentage of Average	Moist in a day	Precip'n	Number of days										Daily Mean	Percentage of Average		
					A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.					Amount	Date	0.1in.(0.2mm.) or more	0.01in.(0.2mm.) or more	Snow or Sleet	Snow lying at 9h.	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost			Glass min below 0° C	Gale
0 SCOTLAND, N.			G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%	
Zetland	Hannavae	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	23	-	-	3.65	74	1.28	28	24	21	20	12	4	17	1	2	12	17	2	0.96	88		
Orkney	Baltasound	9 9	78	5.2	0.2	2.7	-	10.0	4, 5, 8	-6.1	29	6.2	-	4.53	88	.62	30	22	19	10	10	3	10	0	0	4	-	2	0.93	-		
	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	-		
Caithness	Kirkwall	21-9	84	5.9	1.8	3.9	-	11.7	8	-4.2	29	-	-	3.36	76	.61	23	21	17	19	8	18	0	1	0	14	17	3	1.28	92		
	Dounreay	9 9	70	6.6	1.3	3.9	-	13.8	8	-6.1	24	-	-	4.18	-	.71	23	22	16	-	8	-	-	-	-	0	12	20	7	-		
Sutherland	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		
	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		
Ross & Cromarty	Achanay	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	-		
	Strathay	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		
	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	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	1	12	-	0	-	-		
	Poolwee	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	-	13.8	8	-5.6	21, 22, 25	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		
Inverness	Tarbatness	21-9	60	6.0	2.9	4.5	-	12.0	8	-5.0	29	-	-	2.02	108	.86	20	13	7	8	3	1	0	0	1	7	-	2	-	-		
	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	-	-		
	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	15	18	1	2.14	-		
Banff	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	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		
	Glenlivet	9 9	706	4.4	-1.3	1.5	-	14.5	9	-9.3	16	-	-	3.51	-	.60	27	22	12	18	13	0	1	0	2	17	28	0	1.66	- S		
Aberdeen	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	-		
	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	-	-	-	-	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																														

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		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	Cale	Daily Mean	Per-centage of Average						
			A	B		Maximum	Date	Minimum																		Date	Amount	Date	0.1in. (0.2mm.) or more	0.01in. (0.2mm.) or more	
			Max.	Min.		Mean of A and B	Maximum	Date																		Minimum	Date	Amount	Date	0.1in. (0.2mm.) or more	0.01in. (0.2mm.) or more
G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%						
1 SCOTLAND, E.—cont.																															
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	-	13.9	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	-	13.3	9	-3.9	15,16,29	4.3	7.2	3.54	112	.81	11	18	13	6	9	0	0	0	2	17	20	1	2.26	-	
	Edinburgh—																														
	Blackford Hill	9 9	441	5.4	1.2	3.3	-8.0	12.2	9	-2.8	22,29,30	-	-	2.58	107	.59	19	20	11	6	8	0	1	0	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	-	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	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	-	16	-	2	-	-	
	St. Abb's Head	9 9	245	6.3	3.4	4.9	-	13.8	1	-2.5	29	-	-	-	-	-	-	-	10	1	7	0	0	0	0	4	8	10	-	-	
Feebles	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	-	
6a SCOTLAND, W.																															
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	6.3	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	7.3	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	-	-	4.48	-	.68	22	16	15	6	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	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	-	2.43	-	
	Stirling	9 9	151	6.3	1.3	3.8	-2.2	12.2	5,8	-8.2	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	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																										

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		Highest Maximum and Lowest Minimum						Rainfall		Number of days				Bright Sunshine											
				A	B	Max.	Min.	Max.	Min.	Max.	Min.	Total	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					
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) 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	Per-centage of Average		
2 ENGLAND, N.E. cont.				G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.		0.01 in. (0.2mm.) or more	0.01 in. (0.2mm.) 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	Per-centage of Average
Northumb-berland cont.	Berwick-on-Tweed	9 9	76	6.5	1.7	4.1	-2.4	12.8	8	-2.8	15,16	-	3.34	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	16	-	1.79	87		
	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	2.03	-		
	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	290	1.92	19	22	19	13	10	0	0	0	0	15	20	0	-	-		
	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	7.92	294	.97	26	23	21	-	13	-	-	-	-	16	20	-	1.89	99	
	Gateshead	9 9	509	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.00	-	
Yorks., N. Riding	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	-		
	Thirsk	9 9	111	6.6	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	20	-	4.34	146	.55	29	18	17	-	-	-	-	-	1	20	26	-	-	-		
	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	-	-	
Yorks., E. Riding	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	-		
	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	110	
	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	-8.0	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	
Lincoln	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	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	-	-	
		Marham	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	-
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	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	
Sprowston		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	0	1	12	18	2	2.81	149	
	Broom's Barn	9 9	246	7.4	1.2	4.3	-	13.9	7	-6.7	15	-	2.20	-	.4																

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	Highest Maximum and Lowest Minimum				Total Fall			Per-centage 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	Per-centage of Average	
				A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum		Date	Amount		Date	4.0 in. (10 mm) or more	4.0 in. (10 mm) or more	Snow or Sleet												
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.											hr	%		
4 MIDLAND COUNTIES—cont.		G.M.T.	ft.																											
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
-cont.	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	-
Derby	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	-	-	-	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	Sutton Bonington	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	Newtown Linford	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	Bugbrooke Mills	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	-
	Raunds	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	-
	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	Birmingham K.E.S.*	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	-	-
	Edgbaston	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
	Luddington	9 9	138	7.9	1.4	4.7	-	16.1	8	-6.1	14	-	-	2.47	110	.33	28	19	16	4	0	0	0	0	3	15	18	0	2.31	-
	Stratford on Avon	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	-
	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	-
	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	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	Medmenham	9 9	98	8.5	0.6	4.5	-	14.4	8	-8.3	15	-	-	2.45	-	.53	28	19	15	-	-	-	-	-	-	16	19	-	-	-
	Grendon Underwood	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	-	14	18	0	2.34	-
	Bletchley	9 9	281	7.8	1.7	4.7	-	14.4	1	-5.6	15	-	-	2.07	-	.37	7	18	13	-	0	-	-	-	-	10	-	-	-	-
	Aylesbury	9 9	316	7.4	0.9	4.1	-																							

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				TEMPERATURE		Total Fall	Per-centage of Average	Most in a day	Precip'n	Snow or Sleet	Snow lying at th.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at th.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average		
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.																	
5 ENGLAND, S.E.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%		
Surrey	Kew Observatory †	21-9	18	8.2	3.8	6.0	-1.7	14.7	1	-3.0	15	7.0	10.1	2.85	114	.53	11	19	13	4	1	0	2	0	0	6	18	0	3.22	182
	-cont. Gatwick ... †	21-9	192	8.2	1.3	4.7	-	15.2	1	-8.4	14	-	-	3.61	-	.91	28	18	15	6	1	0	2	0	3	15	17	0	3.17	-
Kent	Waddon ...	9 9	220	8.3	1.6	4.9	-2.5	15.0	1	-6.7	15,23	-	-	3.29	110	.90	28	15	15	-	-	-	-	-	9	-	-	-	-	-
	Addington ...	9 9	474	7.6	1.7	4.7	-2.1	13.9	1	-5.0	15	-	-	3.51	111	.85	28	21	16	-	-	-	-	2	12	-	-	-	-	-
	Bromley ...	9 9	213	8.3	1.7	5.0	-2.3	14.4	1,8	-6.1	15	-	-	3.34	121	.75	28	15	14	-	-	-	-	3	10	-	-	-	-	-
	Swanley ...	9 9	177	8.4	1.2	4.8	-	15.0	1	-7.2	14	7.5	-	3.14	-	.63	28	20	17	5	1	0	0	0	3	13	19	0	2.66	-
	Dartford ...	9 9	17	8.8	1.6	5.2	-	15.6	1	-6.1	14	-	-	2.98	120	.51	11	19	14	4	1	0	0	0	1	13	-	0	-	-
	West Malling ...	21-9	304	7.6	2.1	4.9	-	14.3	1	-3.5	14,15	-	-	2.66	-	.56	28	18	17	6	1	0	1	0	2	13	14	0	3.27	-
	Goudhurst ...	9 9	280	8.3	0.9	4.6	-	14.4	1	-7.2	14	-	-	2.83	72	.80	28	18	15	6	1	1	0	0	4	14	19	0	-	-
	East Malling †	9 9	122	8.6	1.7	5.1	-1.6	15.0	1	-5.6	14	6.2	9.7	2.54	82	.64	28	18	17	5	2	0	0	0	2	12	16	0	3.16	172
	Gillingham ...	9 9	14	8.8	1.9	5.9	-	15.6	1	-3.9	16	-	-	2.20	-	.67	28	18	12	2	0	0	0	0	3	8	-	0	2.87	-
	Sittingbourne ...	9 9	224	8.1	1.4	4.7	-	14.4	1	-5.0	14	7.1	10.2	2.62	89	.84	28	16	9	3	1	0	0	2	11	18	2	3.11	-	
	Isle of Grain ...	9 9	9	9.3	3.8	6.5	-	15.6	1	-2.2	23	-	-	1.67	-	.38	28	17	9	-	-	-	-	-	5	14	-	-	2.77	-
	Faversham ...	9 9	157	8.2	1.6	4.9	-	15.0	1	-4.4	14	7.3	10.2	2.60	-	.89	28	20	12	-	-	-	-	3	13	19	-	3.30	-	
	Dungeness ...	21-9	10	9.2	3.2	6.2	-2.0	14.6	1	-3.8	23	-	-	2.66	87	.62	28	20	16	7	1	0	1	0	0	10	-	3	-	-
	Wye ...	9 9	185	8.3	1.9	5.1	-1.8	14.4	1	-5.0	23	-	-	2.47	69	.72	28	19	11	6	1	0	0	0	1	12	17	1	3.02	148
	Whitstable ...	9 9	9	8.7	3.0	5.9	-	15.6	1	-2.8	16	-	-	1.90	73	.50	28	19	11	4	1	1	0	0	1	6	-	6	3.17	-
Folkestone ...	9 9	128	9.1	3.2	6.1	-	15.6	1	-2.8	23	-	11.8	2.95	89	.51	28	20	15	5	1	0	2	0	0	8	12	4	3.15	-	
Elmstone ...	9 9	28	8.4	2.2	5.3	-	15.0	1	-3.3	15,23	-	-	2.51	-	.59	28	19	11	-	-	-	-	2	11	12	-	-	-	-	
Herne Bay ...	9 9	21	8.6	4.1	6.3	-	15.6	1	-1.1	23	-	-	2.34	86	.42	28	19	14	3	0	0	0	0	1	5	-	1	3.21	- S	
Dover ...	9 9	19	9.2	4.0	6.6	-1.7	15.6	1	-1.7	23	8.8	11.5	3.01	82	.54	21	21	16	4	2	1	0	0	0	5	10	4	3.15	-	
Deal ...	21-9	18	8.6	4.7	6.7	-	15.2	1	-2.3	23	-	-	2.51	-	.56	29	15	11	8	0	0	2	0	1	3	10	1	-	-	
Manston ...	21-9	145	8.2	3.5	5.9	-	15.0	1	-2.1	29	-	-	1.85	-	.39	21	19	10	7	0	2	1	0	1	9	13	3	-	-	
Ramsgate ...	9 9	80	8.9	4.2	6.5	-	15.6	1	-1.1	30	-	-	2.23	82	.45	28,29	14	12	3	0	1	0	0	0	4	-	4	3.11	152	
Margate ...	9 9	51	8.7	4.7	6.7	-1.7	15.0	1	0.6	15,24,26	7.5	10.8	1.68	67	.43	28	16	11	3	0	0	0	0	0	8	3	-	-	-	
Sussex	Thorney Island ...	21-9	10	9.2	3.6	6.4	-	14.8	1	-4.2	15	-	-	4.29	137	.95	7	16	14	3	0	1	1	0	0	5	13	0	3.42	-
	Bognor Regis ...	9 9	24	9.2	3.5	6.3	-1.8	14.4	1	-3.3	15	-	11.3	4.68	139	.81	28	17	13	1	0	0	2	0	0	6	12	2	3.56	147
	Fernhurst ...	9 9	188	8.7	1.6	5.1	-	13.9	1	-6.7	14	6.8	-	4.48	105	1.07	7	16	15	3	-	0	0	0	-	10	21	0	2.83	-
	Littlehampton ...	9 9	15	9.7	3.1	6.4	-1.5	15.0	1	-3.9	15	-	10.9	3.89	114	.73	28	18	15	1	0	0	0	0	7	-	0	3.57	151	
	Rustington ...	9 9	10	9.5	3.0	6.3	-	15.0	1	-3.3	15	-	-	4.01	-	.73	28	17	14	-	-	-	-	8	14	-	-	3.11	-	
	Worthing ...	9 9	25	9.3	3.5	6.4	-1.8	15.0	1	-2.2	15	7.5	10.7	3.53	103	.88	20	17	15	2	0	0	1	0	6	13	2	3.36	138	
	Brighton ...	9 9	32	9.7	3.9	6.8	-	15.0	1	-2.2	15	-	11.2	5.37	160	1.98	20	18	13	4	1	1	0	1	0	5	16	5	3.34	143
	East Grinstead ...	9 9	400	8.7	2.2	5.5	-	14.9	7	-6.7	14	-	-	4.52	-	1.73	19	19	12	4	1	0	1	1	0	14	17	0	3.28	-
	East Hoathly ...	21-9	130	8.7	2.2	5.5	-	14.9	7	-6.7	14	-	-	4.52	-	1.73	19	19	12	4	1	0	1	1	0	14	17	0	3.28	-
	Eastbourne ...	9 9	23	9.6	4.0	6.8	-1.5	15.0	1	-1.7	14,15	8.6	12.1	2.85	72	.54	28	15	12	2	-	1	0	1	0	4	11	3	3.03	136
Eastbourne C/Guard	21-9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bexhill ...	9 9	12	9.3	3.4	6.3	-1.9	14.1	1	-2.8	23	7.8	-	2.97	84	.73	28	18	14	2	1	0	0	1	0	8	15	4	3.08	142	
Bodiam ...	9 9	73	8.9	1.3	5.1	-	15.0	1	-6.7	14	7.1	10.4	2.87	74	.92	28	18	12	2	1	0	0	0	1	13	18	3	3.03	-	
Hastings †	9 9	149	9.0	3.3	6.1	-2.2	14.4	1	-2.2	14,15,23	6.9	10.6	2.68	74	.50	28	20	13	2	1	0	3	0	0	8	12	3	3.17	141	
Berkshire	Letcombe Regis	9 9	350	7.8	1.2	4.5	-	13.9	8	-7.2	14	-	-	2.89	-	.59	28	18	14	5	1	0	0	0	4	11	-	0	-	-
	Abingdon ...	21-9	210	7.6	2.2	4.9	-2.0	14.7	8	-6.2	14	-	-	2.10	85	.44	28	18	14	4	0	0	0	0	3	12	18	0	2.72	-
	Compton ...	9 9	339	7.4	0.8	4.1	-	13.3	8	-7.2	14	7.7	-	2.93	-	.72	28	19	16	2	0	2	2	0	-	14	17	1	2.88	-
	Wallingford ...	9 9	157	8.3	0.8	4.5	-	14.4	8	-7.8	14	7.3	10.3	2.11	-	.77	28	20	11	5	0	0	0	0	-	13	20	0	2.49	- S
	Shinfield ...	9 9	200	8.1	1.5	4.8	-2.0	13.9	8	-6.1	15	-	-	3.04	110	.64	7,28	18	13	-	-	-	-	2	11	18	-	2.77	-	
	Reading ...	9 9	148	8.3	2.3	5.3	-1.8	14.4	8	-4.4	15	6.8	9.8	2.75	100	.63	7	17	12	3	0	0	4	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		Difference from Average	Highest Maximum and Lowest Minimum				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																																																																																																																																																																																																																																																																																																																																																																																																																																																			
									Maximum	Date	Minimum	Date						1 ft.	4 ft.	in.												%	in.	mm	mm	mm																																																																																																																																																																																																																																																																																																																																																																																																																																														
																																					A Max.	B Min.	Mean of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of A and B	Max. of A and B	Min. of 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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 of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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	1 ft.	4 ft.				0 in. (0.2mm.) or more	0.1 in. (1.0mm.) or more													
			°C.	°C.			°C.	°C.	°C.	°C.	°C.	°C.				in.	%												in.	Date
8b ENGLAND, S.W.—cont.	G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.		°C.	°C.	in.	%	in.													hr	%	
Devon																														
Clawton ...	9 9	412	9.4	2.6	6.0	-	13.3	1, 8	-5.0	22	-	-	5.88	-	1.04	16	22	18	2	0	2	0	2	3	11	-	2	-	-	
Hartland Point ...	21-9	298	8.8	5.4	7.1	-	14.1	8	0.1	15	-	-	2.98	71	.69	28	18	14	2	0	0	5	0	0	0	2	10	2.26	114	
Mount Batten ...	21-9	87	9.9	5.2	7.5	-1.5	14.7	8	-2.1	23	-	-	6.90	154	1.15	16	20	19	6	1	2	2	0	0	4	10	5	2.52	114	
Plymouth, The Hoe	9 9	119	10.4	4.4	7.4	-1.4	14.4	8	-1.7	22, 23	9.0	11.5	6.81	131	1.22	16	23	19	3	2	0	0	0	0	2	11	4	2.63	117	
Tavistock ...	9 9	457	9.6	2.7	6.1	-1.7	13.3	2	-4.4	23	-	-	8.13	-	1.55	16	27	20	5	2	1	3	2	2	7	16	1	-	-	
Chivenor ...	21-9	20	9.4	4.0	6.7	-	16.3	8	-3.3	22	-	-	4.30	107	.74	16	17	14	2	0	1	3	1	0	6	10	4	2.18	-	
Ilfracombe ...	9 9	25	9.8	5.5	7.7	-1.7	14.4	8, 9	0.0	15, 16, 18	8.6	-	5.34	124	1.20	28	15	15	2	0	0	0	0	0	0	5	6	1.87	99	
Princetown ...	9 9	1359	6.4	1.9	4.1	-	10.6	8, 9	-5.6	15	-	-	10.54	-	2.30	16	23	21	-	-	-	-	-	-	7	-	-	-	-	
Totnes ...	9 9	120	10.1	2.8	6.5	-	15.0	8	-3.9	22	8.8	11.6	6.41	112	1.31	28	24	21	1	0	3	0	0	0	0	9	15	5	2.26	-
Slapton ...	9 9	104	10.9	4.3	7.6	-	15.0	1	-1.7	22	-	-	7.41	-	1.07	28	21	19	-	0	-	-	-	-	0	3	-	-	-	
Newton Abbot ...	9 9	272	9.4	3.4	6.4	-1.6	13.9	1, 8	-2.2	15, 22	-	-	6.10	127	1.44	28	25	21	1	0	0	0	0	0	6	11	2	2.56	113	
Paignton ...	9 9	8	10.5	4.7	7.6	-	15.0	8	-2.2	22	-	-	5.99	127	1.27	28	23	18	1	0	1	0	0	0	3	12	6	2.58	114	
Torquay ...	9 9	26	10.3	4.9	7.6	-1.2	15.0	1	-1.4	22	-	11.5	6.02	141	1.16	28	20	18	1	0	2	0	0	0	2	8	7	2.82	117	
Teignmouth §§	9 9	20	10.1	4.6	7.3	-1.6	14.4	1	-1.1	23	-	-	5.23	134	1.16	28	23	18	1	0	1	0	0	5	3	5	1	2.62	111	
Starcross ...	9 9	29	9.8	3.3	6.5	-	15.0	1	-3.3	15	7.8	-	5.51	141	1.32	28	21	15	1	0	0	0	0	1	6	14	5	2.53	-	
Exeter, Southam	9 9	160	-	-	-	-	-	-	-	-	-	-	(5.88)	-	1.40	16	19	16	-	-	-	-	-	-	-	-	-	-	-	
Exmouth ...	9 9	195	9.4	3.3	6.3	-1.7	14.4	1	-4.4	15	-	-	5.35	143	1.12	28	18	14	3	0	1	0	0	0	5	-	4	2.92	123	
Exeter ...	21-9	106	9.1	3.7	6.4	-	14.2	1	-4.8	15	-	-	6.52	168	1.39	16	21	16	2	0	2	0	0	0	10	11	3	2.28	-	
Sidmouth ...	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cornwall																														
St. Mary's, Scilly	21-9	158	10.8	7.5	9.1	-1.2	14.3	7	-2.4	14	-	-	-	-	-	-	-	-	0	0	0	4	0	0	0	0	16	2.19	86	
Penzance ...	9 9	62	11.3	6.2	8.7	-1.0	15.0	7, 8, 9	-1.1	22	-	-	7.85	160	1.35	28	26	24	1	1	4	0	0	0	1	7	10	2.36	94	
Gulval ...	9 9	50	11.1	6.1	8.6	-0.9	14.4	1, 7, 8	0.0	22	-	-	7.41	158	1.25	28	26	22	-	0	-	-	-	-	0	2	-	2.01	85	
Culdrose ...	9 9	268	10.4	5.1	7.7	-	14.4	8	-1.1	22	-	-	6.18	146	.95	16	25	21	5	0	2	3	1	0	1	5	5	2.65	-	
Rosewarne ...	9 9	250	10.3	5.3	7.8	-	14.4	8	-0.6	22	8.3	10.7	7.15	159	1.61	16	25	22	2	0	9	0	2	0	1	7	8	2.26	-	
Lizard ...	9 9	240	10.8	5.8	8.3	-1.4	14.4	8	0.0	22, 24	-	-	7.30	188	1.43	23	25	22	4	0	1	0	3	-	0	-	12	3.08	-	
Falmouth §§	9 9	167	10.7	5.4	8.1	-1.2	14.4	1, 7, 8	-1.1	22	-	-	7.40	143	1.04	28	27	25	1	0	2	0	1	0	1	9	3	2.37	100	
Newquay ...	9 9	176	10.4	5.1	7.7	-1.3	14.4	7, 8	-1.1	22	-	-	4.93	125	1.63	16	22	15	1	-	2	0	1	-	3	-	4	2.49	107	
St. Mawgan ...	21-9	337	9.9	5.0	7.5	-	14.1	8	-1.7	22	-	-	5.37	122	1.43	16	24	19	2	0	2	4	2	0	2	6	4	2.54	-	
St. Austell ...	9 9	310	10.0	3.9	6.9	-	13.9	1, 7, 8	-1.7	22	-	-	6.94	123	1.27	28	23	22	1	0	0	0	0	0	1	-	0	-	-	
Fowey ...	9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bude ...	9 9	50	10.1	4.2	7.1	-1.7	14.4	8	-3.3	22	6.4	-	4.11	104	.86	16	19	14	0	0	0	2	1	-	4	-	8	2.12	95	
Ellbridge ...	9 9	190	10.1	3.4	6.7	-1.4	16.1	1	-3.3	22, 23	-	-	7.17	149	1.30	16	26	19	3	1	4	0	1	0	7	14	5	2.61	114	
9 NORTHERN IRELAND																														
Londonderry																														
Loughmore Forest	9 9	570	5.9	0.7	3.3	-	11.7	8	-6.1	15	-	-	3.81	-	.64	26	21	18	9	7	0	0	1	0	13	17	1	-	-	
Ballykelly §§	21-9	6	7.4	2.8	5.1	-2.0	13.8	8	-5.4	15	6.7	10.2	3.02	82	.59	26	18	17	10	3	8	0	1	1	5	17	2	2.40	118	
Derrynoyd Forest	9 9	290	6.5	1.2	3.9	-	12.8	8	-5.6	15	-	-	4.68	-	.73	23	22	18	9	6	2	2	0	0	12	20	1	-	-	
Somerset Forest	9 9	140	7.2	1.7	4.5	-	12.2	8	-5.6	15	-	-	3.70	-	.40	22	21	16	6	5	7	0	1	1	6	17	0	-	-	
Garvagh Forest	9 9	290	6.5	1.1	3.8	-	11.7	8	-6.1	15	-	-	4.72	-	1.04	26	21	19	6	6	1	6	0	0	13	19	1	-	-	
Moneydig §	21-9	112	6.9	1.9	4.4	-2.0	12.8	8	-6.9	15	7.1	-	4.09	97	.80	26	20	19	12	6	8	4	1	0	12	19	4	-	-	
Antrim																														
Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	3.64	99	.54	26	23	17	-	-	-	-	-	-	-	-	-	2.06	-	
Lisnafillan ...	9 9	124	6.9	0.4	3.7	-	12.8	8	-6.1	22	-	-	4.36	-	.66	26	23	20	9	5	0	0	0	0	14	19	1	2.40	-	
Aldergrove §§	21-9	225	6.5	2.2	4.3	-2.3	12.5	8	-5.1	22	6.6	10.2	4.62	-	.72	17	22	18	11	3	5	0	0	0	11	18	1	2.48	140	
Greenmount ...	9 9	105	6.9	1.4	4.1	-	12.8	8	-5.0	22	6.6	-	4.47	-	.58	16	22	17	6	5	0	0	0	-	11	17	-	-	-	
Parkmore Forest	9 9																													

TABLE IV—SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER.

1965

[illegible]

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

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 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.	45-110 yd.	111-200 yd.	201-400 yd.	401-1,000 yd.	1,001-2,000 yd.	2,001-4,000 yd.	4,001-6,000 yd.	6,001-10,000 yd.	10,001-15,000 yd.	15,001-25 mi. or over	Beaufort Force				N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE VIII—NUMBER OF DAYS IN NOVEMBER, 1965 WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS.

STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C								STATION	MAXIMUM TEMPERATURE °C.								MINIMUM TEMPERATURE °C.							
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	-15·0° or less	-14·9° to -10·0°	-9·9° to -5·0°	-4·9° to 0·0°	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	Above 15·0°		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	1	18	10	1	0	0	0	0	0	0	0	12	12	6	0	0	Edgbaston	1	10	15	4	0	0	0	0	0	0	0	7	16	7	0	0
Stornoway	0	10	13	7	0	0	0	0	0	0	2	5	16	7	0	0	Kew Observatory	0	5	15	10	0	0	0	0	0	0	0	6	13	8	3	0
Craibstone	0	19	7	4	0	0	0	0	0	0	0	13	13	4	0	0	Hastings	0	4	17	9	0	0	0	0	0	0	0	8	13	6	3	0
Rothsay	0	14	11	5	0	0	0	0	0	0	0	8	16	6	0	0	Southampton	0	3	12	14	1	0	0	0	0	0	0	7	13	9	1	0
Renfrew	0	13	13	4	0	0	0	0	0	0	1	14	8	7	0	0	Stonyhurst	0	12	13	5	0	0	0	0	0	0	18	7	5	0	0	
Eskdalemuir Observatory	1	18	8	3	0	0	0	0	0	0	1	17	8	4	0	0	Bidston	0	10	15	5	0	0	0	0	0	0	7	16	7	0	0	
Douglas	0	6	19	5	0	0	0	0	0	0	0	5	16	9	0	0	Valley	0	2	16	12	0	0	0	0	0	0	0	4	18	7	1	0
Cockle Park	-	-	-	-	-	-	-	-	0	0	0	14	9	7	0	0	Falmouth	0	0	15	15	0	0	0	0	0	0	1	14	14	1	0	
Gorleston	0	8	13	9	0	0	0	0	0	0	0	5	15	8	2	0	Aldergrove	0	11	14	5	0	0	0	0	0	0	1	9	13	7	0	0
Cambridge	0	6	12	12	0	0	0	0	0	0	3	10	8	9	0	0	Armagh	0	11	14	5	0	0	0	0	0	0	1	9	13	7	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, NOVEMBER, 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 ...	74	3	10	9	39.2	30	55	3	10	9	31.4	30	83	3	13	9	44.6	30
Eskdalemuir Observatory ...	165	4	15	17	77.2	30	82	2	15	17	41.9	30	200	4	18	19	90.9	30
Cambridge	204	3	9	20	96.0	30	87	2	9	20	50.0	30	-	-	-	-	-	-
London (High Holborn) ...	194	3	9	20	87.1	30	88	1	9	20	46.8	30	235	4	11	20	101.6	30
Kew Observatory	195	3	9	20	90.5	30	88	1	8	20	51.9	30	211	3	11	20	100.5	30
Aberporth	213	4	19	9	91.8	30	92	1	18	20	53.0	30	-	-	-	-	-	-
Bracknell (Easthampstead) ...	208	3	3	20	91.4	30	87	1	3	20	49.0	30	213	3	5	20	95.9	30

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		Difference from Average	Highest Maximum and Lowest Minimum			Total Fall	Per- centage of Aver- age			Most in a day	Precip'n -0.01in (0.2mm) or more	-0.01in (1.0mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Per- centage of Aver- age					
				A Max.	B Min.		Mean Temperature Mean of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount														Date				
				G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in	%	in.										hr	%			
1965		21-9	87																													
January	Mount Batten	9 9	87.9																													
April	Luton	9 9	87.9									2.29	118	.25	19	21	17															
June	Gulval	9 9	50									2.76	148	.80	16	14	13															
"	Blaenau Ffestiniog	9 9	750	16.8	9.8	13.3	-	21.1	10	5.6	2	-	-		7.96	118	1.42	21	20	18	-	0	-	-	-	2	0	-	-	5.62	-	
"	Ilfracombe	9 9	25			11.9	14.1	-0.6																								
July	Bridlington	9 9	157												2.99	125	1.35	13	16	12												
"	Santon Downham	9 9	80	18.6	9.2	13.9	-	23.3	19	+0.6	4																					
August	Strathyre	9 9	425	16.1	7.0	11.5	-	21.7	12	1.1	23, 27	13.6	12.8		5.39	86	(1.98)	4	18	17	0	0	0	0	0	0	0	0	2	0	-	-
"	Millport	9 9	16	16.6	10.7	13.7	-	22.2	12, 13	6.7	3	-	-		4.60	123	1.05	4	18	16	0	0	0	0	0	0	1	0	-	1	-	-
"	Aber	9 9	60	18.4			-0.6	26.1	12																							
"	Princetown	9 9	1359												8.19	-	1.30	2	20	8												
"	St. Austell	9 9	310	18.4	12.0	15.2	-	20.6	12, 22	8.3	1	-	-		3.80	106	.83	2	23	15	0	0	0	0	0	0	3	0	-	0	-	-
"	Fowey	9 9	51	18.8	12.3	15.5	-1.0	21.6	16	8.1	8	-	-		3.53	-	.86	2	18	14	0	0	0	0	0	0	0	0	-	0	-	-
"	Corbridge	9 9	160															15	16	14												
"	Cambridge N.I.A.B.	9 9	85																											5.61	-	
"	Ampleforth	9 9	313												2.98	-	.56	24														
"	Cockle Park	9 9	326												(4.07)	135																
September	Strathyre	9 9	425	14.1	6.6	10.3	-	17.8	15	1.7	2	11.7	11.5		6.35	96	(1.60)	25	16	14	0	0	0	0	0	0	0	0	1	0	-	-
"	Pitreavie	9 9	130	14.9	8.6	11.7	-	18.5	15	4.2	2	-	-		4.16	-	1.15	25	19	16	0	0	0	0	1	0	0	7	0	-	-	
"	Cockle Park	9 9	326	14.7	8.7	11.7	-0.4	21.7	15	3.9	8	11.9	-		(7.06)	288	1.32	3	22	19	0	-	0	0	0	0	0	0	0	2.48	59	
"	Caistor	9 9	180	16.6	8.4	12.5	-	20.6	21, 22	2.2	19	-	-		4.66	-	.86	8	(20)	(16)	-	-	-	-	-	-	-	-	-	-	-	-
"	Skegness	9 9	15												(4.55)	224	(1.42)	8	(16)	(12)												
"	Cwn Dyli	9 9	324	14.2	8.8	12.5	-	16.1	2, 21, 25	3.3	28	12.9	-		17.29	138	3.77	15	24	21	-	-	-	-	-	0	0	9	-	-	-	
October	Rugby	9 9	385												.50	-	.29	31	4	3												

TABLE IV—ADDITIONS AND CORRECTIONS

[illegible]

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Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

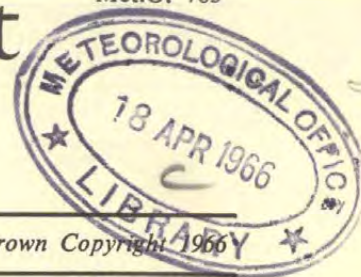
Summary of observations compiled from returns of official stations and voluntary observers

Volume 82 Number 12

Published by HER MAJESTY'S STATIONERY OFFICE

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Met.O. 763



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								% of 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								% of 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)

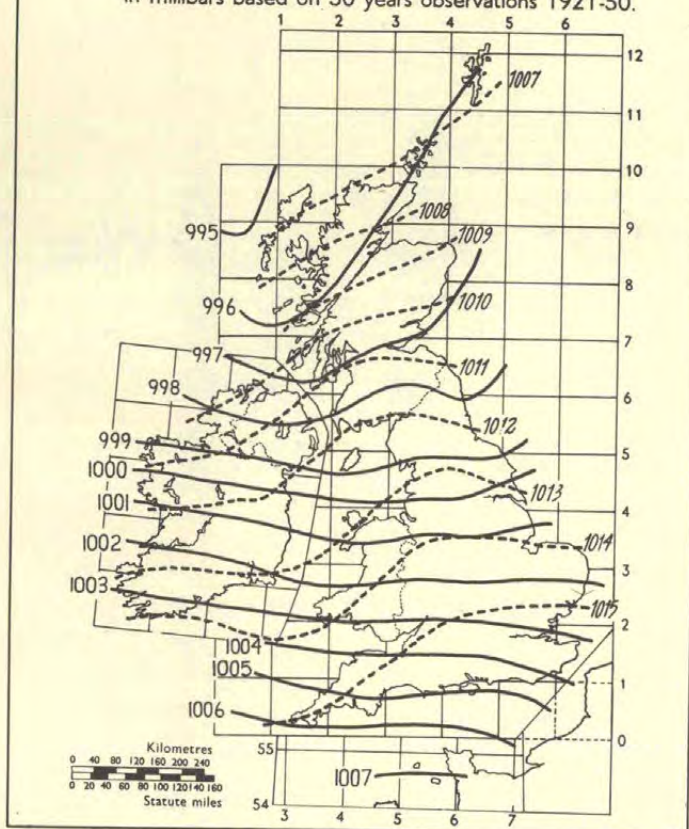
DISTRICT, COUNTY AND PLACE		Height of Vane			Distribution of Mean Hourly Values of Wind Speed										Mean Hourly Wind Speed	Highest Velocities					
		Above Mean Sea Level	Above Ground	Effective Height	34 knots or more		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	Highest Hourly Wind			Highest Gust					
					Dates of Occurrence	Duration	No. of days	Duration	Duration	Duration	Duration	Duration	Duration	Veer from N		Speed	Hour ended at	Speed	Day and Time		
		ft.	ft.	ft.		hr.			hr.	hr.	hr.	hr.	knots	°	knots	day hr	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	Kirkwall	134	50	33	-	0	16	78	379	222	65	0	12.8	150	32	17 15	49	17	1435	
	Caithness	Dounreay	110	39	30	15,17,29,31	9	17	120	401	152	60	2	14.8	140	40	17 13	54	17	1215	
	Sutherland	Shin	78	33	33	-	0	16	111	378	160	95	0	13.3	120	31	17 13	46	17	1225	
	Ross & Cromarty	Stornoway (Coastguard)	120	40	36	-	0	3	15	260	266	202	1	8.4	190	28	17 17	44	17	1505	
	Inverness	Duirinish	125	65	55	-	0	12	60	402	238	44	0	12.7	130	30	17 07	47	15	0205	
		Benbecula	52	33	33	-	0	1	1	48	197	478	20	3.2	210	25	17 09	45	17	0820	
		Fort Augustus	189	53	53	-	0	4	13	324	315	92	0	9.9	010	27	10 02	46	17	1040	
1	Moray	Kinloss	57	41	41	-	0	4	18	334	293	99	0	9.8	020	26	10 01	43	10	1235	
		Lossiemouth	101	80	60	-	0	1	2	33	244	165	0	9.0	160	23	17 12	40	10	0930	
	Aberdeen	Dyce	234	30	30	-	0	24	195	432	66	40	0	17.6	050	37	3 13	49	3	1250	
	Angus	Bell Rock Lighthouse	128	131	124	1-3,10,17	11	24	195	432	66	40	0	17.6	050	37	3 13	49	3	1250	
	Perth	Rannoch	1006	56	57	-	0	0	0	9	265	470	0	2.9	260	14	13 22	26	15	0650	
		Tunnel Bridge	528	53	53	-	0	0	0	266	423	55	0	9.1	300	21	10 13	32	19	1100	
	Fife	Leuchars	78	40	40	-	0	5	9	188	422	125	0	8.1	250	32	19 10	50	19	0920	
	Midlothian	Turnhouse	137	40	33	-	0	11	39	361	256	88	0	11.1	170	29	8 11	52	19	0915	
		Edinburgh, Blackford Hill	496	50	34	-	0	20	151	427	108	32	0	17.0	120	42	17 06	59	17	0520	
6a	Argyll	Tiree	89	60	47	1,2,5,17,29,31	26	20	151	427	108	32	0	10.6	110	26	29 10	47	9	1325	
	Bute	Millport	50	34	34	-	0	1	1	156	419	168	0	7.1	260	23	19 09	41	19	0850	
	Renfrew	Paisley	188	81	31	-	0	22	181	422	109	8	0	17.5	290	41	9 16	63	19	0935	
		Renfrew	71	41	39	-	0	9	27	298	307	112	0	9.8	260	30	19 08	55	19	0730	
	Lanark	Lowther Hill	241	43	33	9,10,14,15,19,21	24	22	181	422	109	8	0	9.8	260	30	19 08	55	19	0730	
	Ayr	Prestwick Airport	68	33	33	-	0	1	1	251	357	135	0	8.2	210	22	17 20	37	6	0035	
	Dumfries	Chapelcross	310	50	50	-	0	0	0	150	300	294	0	5.9	210	20	17 19	41	6	0125	
		Eskdalemuir Observatory	825	50	35	-	0	10	35	338	291	80	0	11.2	320	33	9 21	54	9	2025	
	Wigtown	West Freugh	81	33	33	-	0														
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														
	Yorks., E.R.	Kilnsea	76	39	33	-	0	10	57	385	284	12	5	12.7	250	36	9 23	55	9	2235	
	Lincoln	Cranwell	288	47	47	9	7	12	91	303	346	7	0	12.6	160	37	2 08	49	10	0120	
3	Norfolk	Gorleston	54	43	43	2,29	1	6	32	295	370	45	0	10.6	250	38	10 01	64	10	0035	
	Suffolk	Mildenhall	98	83	60	10	2														
	Bedford	Bedford	322	42	30	-	0	15	129	356	232	16	0	14.6	270	42	10 02	59	10	0150	
		Cardington	226	133	133	9,10	11	2	4	143	496	101	0	7.5	260	24	9 23	45	9	2335	
	Hertford	Garston	307	50	33	-	0	1	1	158	494	91	0	7.6	260	22	10 01	50	9	1635	
		Rothamsted	461	41	33	-	0	8	35	323	365	21	0	11.2	260	32	10 01	51	10	0235	
	Essex	Stansted	351	31	31	-	0	3	11	282	408	38	5	10.2	250	25	10 02	53	9	1725	
		Coryton	66	57	48	-	10	17	134	468	126	6	0	16.1	200	43	29 20	58	10	0105	
		Shoeburyness	118	106	91	9,10,29	0	2	2	50	231	461	0	3.8	290	22	9 24	51	9	2310	
4	Yorks, W.R.	Sheffield	533	83	35	-	0	5	12	302	428	2	0	10.6	260	28	9 24	49	9	2355	
	Warwick	Edgbaston	643	118	73	-	0	19	290	370	63	0	10.0	260	34	9 23	54	10	0030		
		Elmdon	343	31	31	9,10	2	1	3	147	461	106	27	7.8	(190)	24	29 17	(45)	9	1630	
	Buckingham	Amersham	500	50	50	-	0	2	6	169	453	116	0	7.9	250	26	9 24	59	9	2320	
	Stafford	Keele	706	50	33	-	0	7	41	280	283	140	0	9.9	280	31	10 03	56	9	2200	
	Worcester	Pershore	154	33	33	-	0	6	33	417	284	10	0	12.3	230	28	9 13	64	9	1700	
5	London	Kingsway	306	229	125	-	0	7	37	302	350	55	0	10.8	250	29	10 01	45	10	0010	
	Middlesex	London (Heathrow) Airport	139	101	100	-	0	7	34	257	345	108	0	9.5	210	28	9 16	50	9	1700	
		Hampton	139	101	100	-	0	3	8	222	428	86	0	8.6	220	24	9 16	50	9	1655	
	Surrey	Kew Observatory	92	75	50	-	0	7	42	198	381	123	0	8.8	230	26	9 16	44	9	1520	
		Gatwick	232	38	33	-	0	8	55	264	334	91	0	10.4	240	31	9 13	51	9	1545	
	Kent	Isle of Grain	48	40	33	-	0														
		Dungeness	70	50	33	-	2	13	92	396	241	13	0	13.7	210	35	29 19	59	9	1640	
		Dover	68	38	62	29	0	9	51	261	251	181	0	9.7	230	28	9 16	54	9	1530	
	Sussex	Thorney Island	75	65	42	-	0	70	344	236	94	0	11.6	220	29	9 15	49	9	1500		
	Hampshire	Hurn	86	53	46	-	0	40	345	301	58	0	11.4	190	31	29 15	50	5	1135		
		Calshot	50	41	33	-	0	72	295	320	56	0	12.0	250	34	10 02	54	9	1635		
		S. Farnborough	318	69	35	10	1	3	10	273	305	156	0	9.0	260	25	10 02	41	10	0030	
	Berkshire	Abingdon	295	40	40	-	0														
	Wiltshire	Larkhill	491	51	36	-	1	15	98	348	253	44	0	12.9	290	34	9 17	51	9	2310	
		Boscombe Down	425	53	53	9	0	11	68	267</											

MONTHLY WEATHER CHARTS

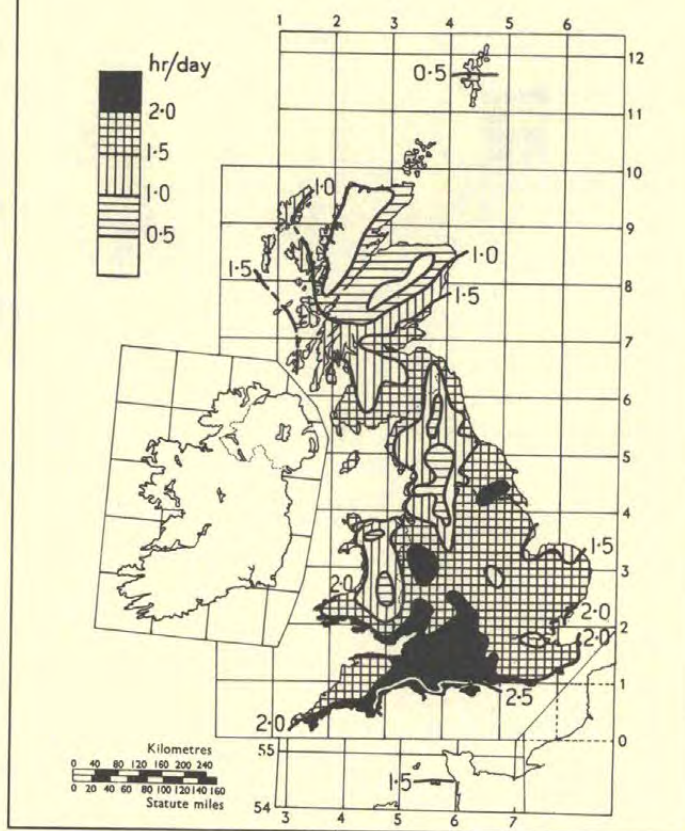
DECEMBER 1965

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.



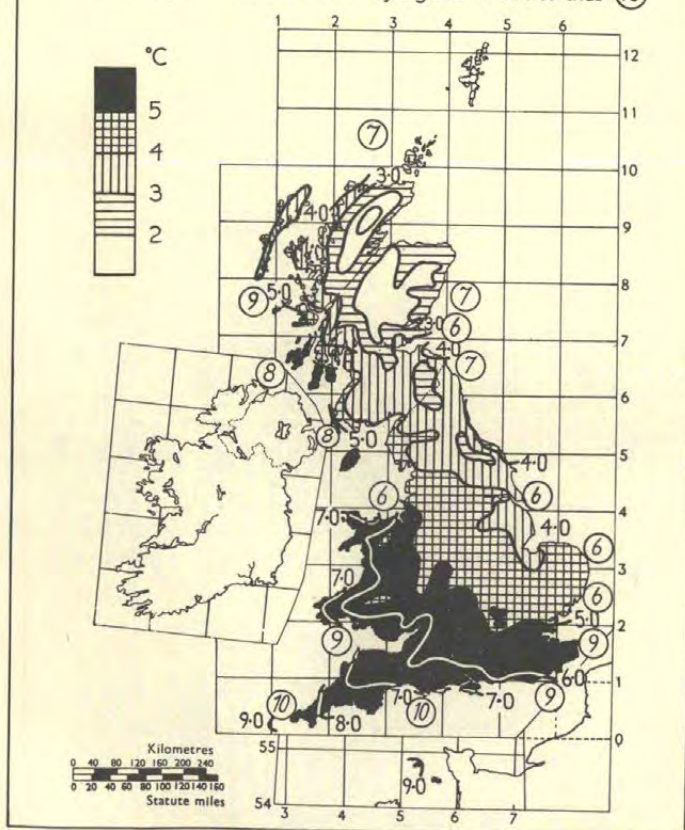
BRIGHT SUNSHINE



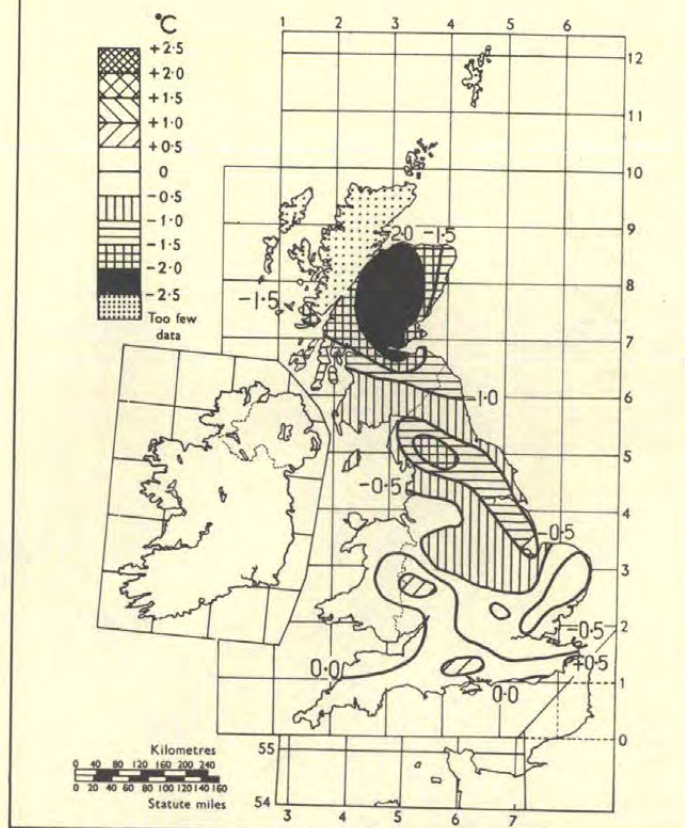
MEAN AIR TEMPERATURE

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 DECEMBER 1965

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

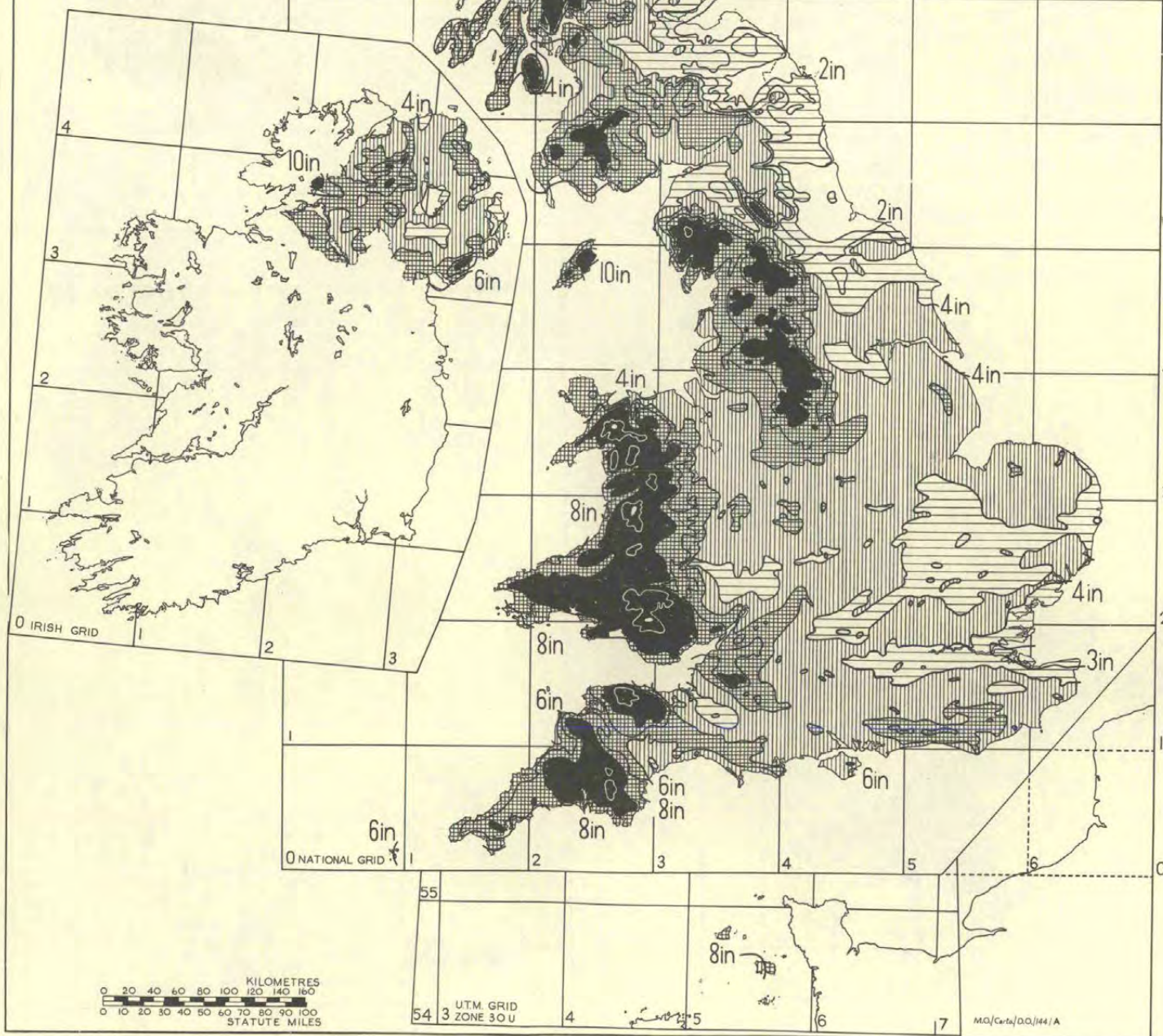
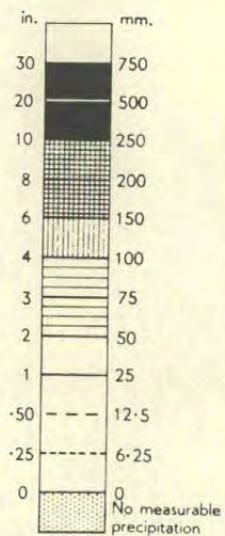


TABLE III—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER DECEMBER, 1965

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				TEMPERATURE		Total Fall	Per-centage of Average	Most in a day	Precip'n				Thunder heard	Fog at 9h.	Air Frost	Grass min below 0° C	Gale	Daily Mean	Per-centage of Average					
				A Max.	B Min.		Mean of A and B	Maximum	Date	Minimum	Date	1 ft.				4 ft.	-0.1in. (0.2mm.) or more	-0.01in. (1.0mm.) or more	Snow or Sleet								Snow lying at 9h.	Hail	Ice or snow pellets etc.		
		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.													hr	%		
0 SCOTLAND, N.																															
Zetland	Hamnavoe	9 9	70	4.7	1.1	2.9	-	8.3	14,15,17	-3.9	29,30	-	-	7.54	-	1.36	4	28	18	12	7	7	2	0	0	13	-	6	0.74	-	
	Lerwick Obs'y. §	21-9	269	3.5	0.3	1.9	-2.5	8.2	13	-8.0	29	-	-	8.59	169	1.24	24	27	24	20	16	2	16	0	1	16	22	8	0.71	158	
	Baltasound	9 9	78	4.1	-0.5	1.8	-	8.3	14,15	-6.1	13,29	3.9	-	6.69	132	.93	27	30	23	14	13	4	11	0	0	15	-	3	0.29	-	
Orkney	Sule Skerry	9 9	43	5.9	3.6	4.7	-	9.5	17	-0.8	26	-	-	3.50	-	.39	2	25	19	1	4	9	0	0	0	2	8	4	-	-	
	Stenness	9 9	75	4.6	0.6	2.6	-	7.8	14,16,17	-3.3	4,12	3.3	-	4.62	104	.56	18	28	20	4	6	1	4	0	0	12	23	1	0.59	-	
	Evie	9 9	110	4.9	1.1	3.0	-	8.3	20	-1.7	5,28	-	-	4.21	-	.55	29	28	23	-	-	-	-	-	0	11	13	-	0.65	-	
	Kirkwall	21-9	84	4.6	1.2	2.9	-	8.0	15	-2.3	27	-	-	4.81	106	.55	24	29	22	13	3	15	0	0	0	14	20	0	0.73	88	
Caithness	Dounreay	9 9	70	5.1	0.3	2.7	-	7.8	15	-5.6	29	-	-	3.45	-	.57	2	25	18	-	4	-	-	-	-	0	13	30	5	-	
	Wick	21-9	119	4.3	0.3	2.3	-2.3	8.6	17	-5.0	27	-	-	3.78	127	.38	20	28	21	13	6	4	5	0	0	16	20	0	0.92	82	
Sutherland	Cape Wrath	21-9	367	5.4	2.3	3.9	-1.8	11.8	14	-2.8	27	-	-	3.95	81	.45	4	28	22	10	3	0	8	0	0	3	9	1	0.49	- S	
	Achany	9 9	280	3.0	-2.7	0.1	-	8.9	14	-10.6	4,29	2.3	5.3	3.48	82	.42	7	28	20	24	31	2	0	0	1	23	30	0	0.79	-	
	Strathay	9 9	120	4.1	-0.6	1.7	-2.3	8.3	15	-8.3	29	-	-	3.89	88	.59	2	26	18	12	3	4	3	0	0	15	-	0	0.61	85 S	
Ross & Cromarty	Stornoway §	21-9	11	5.9	1.0	3.5	-2.0	10.7	15	-6.6	28	-	-	5.74	141	.78	31	27	25	11	4	0	7	0	0	14	20	0	0.98	115	
	Balmacara	9 9	2	6.5	1.4	3.9	-	11.7	14,15	-5.6	28	-	-	6.64	-	.75	4	28	25	1	7	0	0	0	0	9	-	0	-	-	
	Poolewe	9 9	20	6.1	1.3	3.7	-	12.2	14	-5.6	28	-	-	5.99	96	.62	6	28	24	-	-	-	-	-	0	7	24	-	0.62	- S	
	Inverpolly	9 9	45	5.8	0.5	3.1	-	12.8	14	-6.1	28	4.3	-	5.12	-	.95	2	25	23	11	5	2	2	0	0	13	28	0	0.43	- S	
	Achnashellach	9 9	220	5.1	-1.3	1.9	-2.2	12.2	14	-9.4	29	-	-	8.82	102	1.01	8	29	27	10	19	0	0	0	0	16	-	0	-	-	
	Kinlochewe	9 9	76	5.2	-0.3	2.5	-	11.1	17	-8.9	28	3.2	-	5.70	69	.67	7	28	25	10	13	1	0	1	0	11	25	0	0.30	- S	
	Blackbridge	9 9	690	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fortrose	9 9	15	5.1	1.4	3.3	-1.9	10.6	14	-2.8	29	-	-	2.16	105	.48	9	20	13	5	2	0	0	0	0	7	-	0	0.65	57	
Inverness	Tarbatness	21-9	60	4.4	0.8	2.6	-	9.5	14	-4.0	27,28,29	-	-	2.91	165	.75	2	20	12	6	1	0	0	0	0	9	-	0	-	-	
	Benbecula	21-9	19	6.4	2.4	4.4	-1.5	11.3	14	-4.8	28	-	-	4.68	101	.61	31	29	22	4	0	1	9	0	0	6	18	0	1.42	-	
	Isle of Rhum	9 9	15	6.8	1.4	4.1	-	11.1	14	-5.0	1,28,29	4.2	7.3	12.54	120	2.01	4	29	25	5	0	6	14	0	0	9	24	1	-	-	
	Prabost	9 9	220	5.6	1.3	3.5	-	10.0	14,17	-3.9	29	-	-	6.69	88	1.00	4	29	24	5	4	1	8	0	0	8	27	1	1.27	-	
	Duntulm	9 9	294	6.2	2.2	4.2	-1.4	11.1	14	-1.7	28,29	-	-	5.15	92	.96	4	28	23	9	0	5	0	0	0	3	9	1	1.09	142 S	
	Onich	9 9	48	6.3	0.3	3.3	-1.6	12.2	14	-7.2	29	-	-	9.55	110	.90	14	26	25	4	5	0	0	0	0	11	23	0	0.54	99 S	
	Fort William	9 9	27	6.3	-0.3	3.0	-	12.2	14	-9.4	29	2.7	4.6	7.30	-	.99	31	26	21	6	5	0	1	0	0	12	23	1	0.57	- S	
	Fort Augustus	9 9	70	4.9	-0.6	2.1	-1.8	11.1	17	-9.4	29	-	-	4.66	-	.79	31	29	20	7	8	0	0	0	0	13	-	1	0.62	- S	
	Cannich	9 9	350	3.4	-3.9	-0.3	-	(9.4)	17	-13.9	29	-	-	4.30	86	.64	31	26	22	10	31	0	0	0	0	27	31	0	-	-	
	Inverness	9 9	13	5.1	0.3	2.7	-	11.1	15,17	-5.0	4	-	-	2.11	100	.45	9	16	14	7	6	0	0	0	1	10	23	0	0.71	-	
	Coire Cas Shieling	9 9	2500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm	9 9	3575	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	9 9	1000	3.6	-2.3	0.7	-	10.0	17	-11.7	2	2.4	-	2.69	-	.75	9	21	18	22	-	0	0	0	-	20	30	4	-	-	
	Glennore Lodge	9 9	1120	-	-	-	-	-	-	-	-	-	-	3.65	109	1.18	9	18	17	-	-	-	-	-	-	-	-	-	-	- S	
1 SCOTLAND, E.																															
Nairn	Nairn	9 9	20	4.9	-0.5	2.2	-2.0	11.1	17	-6.7	29	-	-	2.29	121	.64	2	20	13	2	6	0	0	0	0	0	14	25	0	0.83	69
Moray	Forres	9 9	155	4.4	-0.9	1.7	-	10.0	17	-6.7	27	1.7	4.3	2.80	160	.74	2	16	15	3	2	1	0	0	0	0	21	23	0	0.81	57
	Kinloss	21-9	15	4.6	-0.6	2.0	-	10.5	17	-5.7	29	2.6	-	2.59	153	.78	2	18	13	10	2	1	6	0	0	0	18	25	0	0.79	-
	Elgin	9 9	50	6.1	-0.4	2.9	-	11.7	22	-5.6	2	-	-	2.68	143	.76	2	15	14	1	0	0	0	0	0	0	15	22	0	0.76	- S
	Lossiemouth	9 9	21	5.0	-0.7	2.1	-2.0	10.6	15	-5.6	29	-	-	2.84	148	.72	2	17	14	10	2	0	6	0	0	0	19	29	0	-	-
	Gordon Castle	9 9	104	4.9	0.3	2.6	-1.6	10.0	14,17	-4.4	29	-	-	3.48	156	.54	9	21	19	-	1	-	-	-	-	12	-	-	0.65	59	
Banff	Glenlivet	9 9	706	3.2	-1.3	0.9	-	9.0	17	-11.0	29	-	-	4.63	-	.96	9	21	17	20	24	0	0	0	1	24	27	0	0.65	- S	
	Banff	9 9	80	5.1	0.2	2.7	-	8.3	15,17	-5.0	29	-	-	4.52	-	.84	2	24	21	11	4	7	0	0	0	0	13	-	2	0.51	-
Aberdeen	Braemar	9 9	1113	2.9	-3.2	-0.1	-2.1	7.8	17	-16.1	2	-	-	2.18	58	.67	9	23	16	-	24	-	-	-	-						

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	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 t	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												-0.4in (1.0mm) or more		
			Max.	Min.		Max.	Min.	Max.					Min.	Max.	Min.															
G.M.T.			ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%			
1 SCOTLAND, E.—cont.																														
Midlothian	Davidson's Mains	99 200	5.4	0.3	2.9	-1.4	11.7	17	-8.7	29	2.2	-	1.90	87	.37	22	24	14	3	2	0	0	0	1	11	25	1	1.56	- S	
—cont.	Penicuik ...	99 620	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 ...	99 605	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 §§	99 441	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.	99 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 ...	99 162	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 ...	99 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 ...	99 225	5.4	-0.9	2.3	-	11.1	17	-9.4	29	-	-	1.43	-	.25	9	23	12	3	0	0	0	0	0	14	30	0	1.56	-	
	Lauder ...	99 600	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 §§	99 498	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 ...	99 838	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 ...	99 245	5.7	2.1	3.9	-	11.0	17	-4.0	29	-	-	-	-	-	-	-	-	7	0	0	0	0	0	7	10	2	-	-	
Peebles	Stanhope Farm	99 741	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 ...	99 830	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	23	0	1.38	-	
	West Linton ...	99 800	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 ...	99 580	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	-	-	
Selkirk	Bowhill ...	99 600	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	-	-	
Roxburgh	Wauchope ...	99 560	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	-	-	
	Sourhope ...	99 900	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	-	
6a SCOTLAND, W.																														
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 ...	99 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	0	6	-	1	-	-
	Tobermory ...	99 270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Craighouse ...	99 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 ...	99 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 ...	99 10	8.1	3.2	5.7	-	12.2	19	-4.2	28	-	-	6.34	-	1.22	4	28	22	0	0	0	0	0	8	3	0	0	1.60	-	
	Achaglachgach ...	99 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	-	-	
	Lepinmore ...	99 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	- S	
	Glenbranter ...	99 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	-	-	-	
	Benmore ...																													
	„ Forestry Sch.	99 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.*	99 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 §§	99 140	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 ...	99 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	0	1	0	4	0	-	-	
Dumbarton	Finnart ...	99 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	-	7	-	0	-	-	
	Helensburgh ...	99 293	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 ...	99 310	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 ...	99 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 ...	99 151	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	2	11	27	0	1.56	-
	Falkirk ...	99 100	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 ...	99 200	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	- S	
	Paisley ...	99 106	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 ...	99 97	6.1	0.1	3.1	-	12.2	17	-8.3	29	-	-	5.00	106	.53	7	25	22	5	6	0	0	1	1	10	23	1	-	-	
	Renfrew §§	21-9 26	6.0	0.9	3.5	-0.9	12.5	17	-8.4																					

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										BRIGHT SUNSHINE						
			Means of		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum				1 ft.	4 ft.	Total Fall	Per-centage of Average	Most in a day	Precip'n	Number of days										Daily Mean	Per-centage of Average				
			A	B			Maximum	Date	Minimum	Date							in.	%	in.	in. (0.1mm or more)	in. (0.1mm or more)	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard			Fog at 9h.	Air Frost 1st	Grass min. below 0° C	Gale
			°C.	°C.			°C.	°C.	°C.	°C.							°C.	°C.	in.	%	in.	°C.	°C.	°C.	°C.	°C.			°C.	°C.	°C.	°C.	°C.	hr	%
2 ENGLAND, N.E. cont.																																
Northumb-berland cont.	Berwick-on-Tweed	9 9	76	5.3	0.9	3.1	-1.6	11.7	17	-6.1	29	-	-	2.25	132	.49	9	21	15	3	1	1	0	0	0	10	24	0	1.69	116		
	Cockle Park	9 9	326	-	0.3	-	-	-	-	-5.0	29	2.5	-	2.40	96	.42	9	21	13	3	7	0	0	0	0	13	22	0	1.91	125		
Durham	Acklington	21-9	138	5.1	0.7	2.9	-	12.6	17	-6.8	29	-	-	2.36	102	.45	9	19	15	6	7	0	2	0	1	14	18	0	1.98	-		
	Tynemouth	21-9	95	5.5	2.1	3.8	-1.6	12.4	18	-4.6	29	-	-	2.29	96	.38	9	21	17	4	1	0	0	0	0	6	13	1	1.56	146		
	Seahouses	21-9	37	5.6	1.3	3.5	-	12.9	18	-5.3	29	-	-	2.12	-	.48	9	18	13	5	0	0	0	0	0	11	21	0	1.67	-		
	Chopwellwood	9 9	446	5.0	0.3	2.7	-1.3	11.1	17	-6.1	29	-	-	1.49	59	.35	31	20	11	4	8	0	0	0	0	10	25	0	-	- S		
	Ushaw College	9 9	594	4.6	-0.3	2.1	-1.7	10.6	17	-6.1	29	-	-	2.14	85	.27	1	20	16	4	13	0	0	0	0	5	14	-	-	-		
	Houghall	9 9	123	5.9	-1.1	2.4	-1.5	12.2	17	-11.7	2	-	-	1.48	62	.21	1	19	13	3	9	0	0	0	1	16	25	0	1.90	160		
	Durham	9 9	336	5.4	-0.3	2.5	-1.6	12.2	17	-7.8	2,29	3.2	6.2	1.51	66	.26	1	19	13	-	10	-	-	-	-	10	28	-	1.75	123		
	Gateshead	9 9	509	-	-	-	-	-	-	-	-	-	-	(1.99)	77	.30	1	(18)	(14)	-	-	-	-	-	-	-	-	-	2.00	-		
	West Hartlepool	9 9	30	6.2	1.4	3.8	-	13.3	17	-5.6	29	-	-	1.50	75	.27	22	22	15	2	3	0	0	0	2	9	20	0	1.51	-		
	Leamington	21-9	105	6.1	1.0	3.5	-	13.0	17	-7.3	29	-	-	2.16	-	.31	29	21	11	3	7	0	0	0	3	10	19	1	2.02	-		
N. Riding	Thirsk	9 9	111	5.9	-0.3	2.8	-	12.8	17	-7.8	28,29	-	-	2.70	-	.39	22	19	15	3	4	0	0	0	3	15	22	1	-	-		
	Ampleforth	9 9	313	5.3	0.2	2.7	-1.3	11.7	17	-10.6	29	-	-	3.73	143	.66	22	22	16	-	-	0	0	0	2	9	21	0	-	- S		
Yorks.	Redcar	9 9	25	6.7	1.8	4.3	-	13.3	17	-5.6	29	-	-	1.42	71	.22	31	22	14	-	0	-	-	-	-	0	7	-	-	1.52	-	
	Pickering	9 9	143	5.3	-0.9	2.2	-	12.2	17	-10.0	29	-	-	3.50	-	.50	22	25	15	8	6	0	0	0	1	21	24	0	-	-		
	Whitby	9 9	135	6.4	1.5	3.9	-	12.8	17	-5.6	29	-	-	-	-	-	-	3	1	0	0	0	0	0	2	5	-	0	-	-		
	Scarborough	9 9	118	5.9	1.8	3.9	-1.4	12.2	17	-4.4	29	3.8	6.8	3.02	123	.42	9	25	19	1	0	0	0	0	1	5	13	0	1.27	107		
	Silpho Moor	9 9	665	5.1	-0.2	2.5	-	11.1	17	-6.1	29	3.0	-	4.86	152	1.02	22	26	20	5	10	0	0	0	10	16	25	0	1.74	-		
	Whitby C/Guard	21-9	200	5.9	2.2	4.1	-	12.7	18	-5.6	29	-	-	2.18	-	.34	29	22	15	4	0	2	0	0	0	7	12	2	-	-		
	High Mowthorpe	9 9	574	4.5	0.2	2.3	-	11.7	17	-6.1	28	2.7	-	4.26	143	.71	22	25	19	4	4	0	1	0	5	12	21	0	1.74	-		
	Hull	9 9	8	6.4	1.6	4.0	-0.9	13.3	17	-5.0	29	3.5	6.5	4.39	195	.50	29	22	18	2	0	0	0	0	10	20	0	1.61	155			
	Leconfield	21-9	24	6.0	1.5	3.7	-	13.7	17	-8.0	29	-	-	4.89	-	.74	22	22	19	6	0	0	2	0	2	10	17	0	2.05	-		
	Filey	9 9	122	5.7	0.6	3.1	-	12.8	17	-6.1	29	-	-	3.29	122	.47	22	24	16	1	1	1	0	0	0	9	19	0	1.75	-		
Lincoln	Bridlington	9 9	157	5.6	0.6	3.1	-	12.8	17	-6.1	29	-	-	4.07	150	.59	22	25	20	3	3	0	1	0	1	8	20	0	1.87	-		
	Kilnsea	21-9	40	5.6	2.0	3.8	-	12.0	17	-5.0	28	-	-	4.14	-	.52	9	22	15	2	0	0	0	0	0	5	-	5	-	-		
	Navenby	9 9	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Waddington	21-9	224	6.1	1.7	3.9	-0.3	13.3	18	-5.6	29	-	-	5.51	-	.88	18	19	17	5	2	0	1	0	1	6	16	0	1.84	-		
	Lincoln	9 9	22	6.3	-0.1	3.1	-	13.3	17	-8.9	28	3.8	5.9	5.54	274	.84	18	24	18	1	0	0	0	0	3	16	23	1	1.43	-		
	Cranwell	9 9	205	6.5	0.9	3.7	-0.5	13.0	17	-7.0	29	3.7	5.7	4.35	228	.72	9	20	16	2	0	0	0	0	1	9	15	1	2.01	128		
	Brigg	9 9	10	6.1	0.1	3.1	-	12.8	17	-7.2	29	-	-	4.60	-	.61	22	24	17	1	0	0	1	0	3	15	21	0	-	-		
	Caistor	9 9	180	5.9	-0.1	2.9	-	12.8	17	-7.8	28,29	-	-	4.68	-	.64	22	23	17	-	-	-	-	-	-	14	-	-	-	-		
	Binbrook	21-9	353	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Cleethorpes	9 9	23	6.3	1.4	3.9	-0.9	13.3	17	(-5.6)	(29)	-	-	3.93	192	.56	29	19	16	1	0	1	0	0	1	7	23	0	1.69	118		
Manby	21-9	55	5.9	1.4	3.7	-	13.3	18	-5.6	29	-	-	5.12	244	.75	18	19	16	5	0	0	0	0	2	10	19	0	1.84	-			
Skegness	9 9	15	6.3	1.0	3.7	-1.0	13.9	17	-5.0	28,29	-	-	5.01	249	.72	9	18	18	0	0	0	0	0	10	9	20	0	1.43	96			
3 ENGLAND, E.																																
Norfolk	Terrington	9 9	13	6.4	1.1	3.7	-	13.3	17,18	-5.6	29	4.3	-	4.33	252	.69	9	20	17	0	0	0	0	0	1	9	21	0	1.46	-		
	St. Clement	21-9	76	6.2	1.1	3.7	-	13.4	18	-8.6	29	-	-	4.48	-	.78	9	20	16	2	0	1	0	0	0	1	10	18	2	-	-	
Suffolk	Marham	9 9	80	7.2	-0.4	3.4	-	13.9	18	-11.1	29	4.5	6.3	4.56	207	.74	9	22	16	-	-	-	-	-	-	13	26	-	1.46	-		
	Santon Downham	21-9	250	5.8	1.1	3.5	-	13.0	18	-7.3	29	-	-	6.05	252	1.20	9	20	17	3	0	1	1	0	-	13	19	1	1.79	-		
	West Raynham	9 9	178	6.4	1.4	3.9	-1.1	13.3	17	-5.0	29	-	-	4.98	195	1.06	9	21	18	-	0	-	-	-	0	7	20	-	1.19	74		
	Cromer	9 9	93	6.7	1.0	3.9	-0.7	13.9	17	-5.0	29	5.3	-	4.55	200	.95	9	21	18	0	0	0	0	0	0	8	22	0	1.28	92		
	Coltishall	21-9	55	6.6	1.8	4.2	-	13.9	17	-7.7	29	-	-	4.71	-	1.09	9	21	16	4	0	1	0	0	0	8	20	0	-	-		
	Burlingham	9 9	89	6.8	1.3	4.1	-	13.3	18	-5.0	29	-	-	4.30	190	.96	9	19	17	4	2	0	0	0	0	9	18	0	1.67	-		
	Gorleston	21-9	12	6.6	2.6	4.6	-0.7	13.4	18	-4.3	29	5.7	8.0	3.24	150	.81	9	20	16	3	2	0	0	0	0	7	12	3	1.79	120		
	Mildenhall	21-9	15	6.9	2.1	4.5	-0.2	14.2	18	-7.1	28	-	-	3.43	191	.38	4	17	16	1	0	0	0	0	2	8	19	1	1.86	131		
	Broom's Barn	9 9	246	6.9	1.2	4.1	-	13.3	17,18	-5.6	27,28	-	-	3.78	-	.48	9	20	16	1	0	0	1	0	6	7	13	1	1.84	-		
	East Bergholt	9 9	14	7.5	0.7	4.1	-	13.3	17	-7.8	29	-	-	4.05	185																	

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		Mean Temperature Mean of A and B	Difference from Average	Highest Maximum and Lowest Minimum						Total Fall	Per-centage 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	Per-centage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				A	B			Maximum	Date	Minimum	Date	1 ft.	4 ft.															in.	%	in.	0.01 in. (0.2mm) or more	0.01 in. (0.2mm) or more	in.	in.	in.	in.	in.	in.	in.	in.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Max.	Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	0.01 in. (0.2mm) or more	0.01 in. (0.2mm) or more	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.

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

DISTRICT, COUNTY AND PLACE		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				Total Fall			Percentage of Average	Most in a day		Precip'n		Number of days																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				A Max.	B Min.		Mean Temperature of A and B	Maximum	Date	Minimum	Date	1 ft.	4 ft.		Amount	Date	-0.1 in. (0.2 mm) or more	-0.1 in. (1.0 mm) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost +	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.												hr	%																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
5 ENGLAND, S.E.—cont.		G.M.T.	ft.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

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						Total Fall		Percentage of Average		Most in a day		Precip'n		Snow or Sheet		Snow lying at 9h.		Hail		Ice or snow pellets etc.		Thunder heard		Fog at 9h.		Air Frost t		Grass min. below 0° C		Gale		Daily Mean		Percentage of Average	
A	B	Mean Temperature of A and B	°	Maximum	Date	Minimum	Date	1 ft.	4 ft.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (0.2mm.) or more	Snow or Sheet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost t	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average																			
Max.	Min.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.	Date	-0.1in. (0.2mm.) or more	-0.1in. (0.2mm.) or more	Snow or Sheet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost t	Grass min. below 0° C	Gale	Daily Mean	Percentage of Average																	
7a ENGLAND, N.W.—cont.																																													
Lancashire		Squires Gate ...	21-9	33	6.9	2.5	4.7	-0.5	10.5	17	-7.7	28	-	-	5.30	168	.65	22	25	23	2	0	4	1	0	1	5	12	2	1.66	137														
		Urswick ...	9 9	130	6.8	1.2	4.0	-	10.0	17	-7.2	28	-	-	7.02	154	.89	22	25	22	1	1	0	0	0	6	10	-	1	-	-														
		Southport ...	9 9	16	7.3	1.9	4.6	-	12.2	17	-6.1	28, 29	4.2	8.2	5.67	185	.61	8	28	22	-	0	-	-	-	0	5	13	-	1.43	-														
		Poulton-le-Fylde ...	9 9	38	7.1	2.1	4.6	-	10.6	17	-7.2	28	-	-	5.91	171	.83	22	26	23	0	0	2	0	0	1	5	-	0	-	-														
		Grizedale ...	9 9	300	6.8	-	-	-	10.6	17, 18	-	-	4.1	-	12.22	-	1.57	17	25	24	6	10	0	0	0	0	3	13	16	0	-														
		Speke ...	21-9	80	7.5	3.2	5.3	-	13.4	17	-5.3	28	-	-	5.63	199	.76	9	25	18	0	0	0	0	0	1	4	9	2	1.64	-														
		Kirkham ...	9 9	78	7.1	1.5	4.3	-	12.2	17	-8.3	28	-	-	6.15	175	.85	22	25	22	1	1	0	2	0	1	7	17	0	0.90	-														
		Garstang ...	9 9	68	7.1	1.1	4.1	-	11.1	17	-7.8	27	-	-	7.06	199	.83	22	26	23	-	1	-	-	-	1	10	13	-	1.31	-														
		Morecambe ...	9 9	24	6.8	1.2	4.0	-1.0	11.1	17	-8.3	28	-	-	7.15	197	.79	22	26	24	0	0	0	0	0	0	6	-	0	1.68	145														
		Penketh ...	9 9	50	7.4	1.4	4.4	-	13.3	17	-7.2	28	5.0	6.9	6.18	-	.77	9	24	21	0	0	0	2	0	4	9	20	0	1.48	-														
		Preston ...	9 9	108	6.9	1.2	4.1	-	11.7	17	-7.2	28, 29	-	-	6.82	191	.87	8	28	23	3	0	0	3	0	10	11	15	0	-	-														
		Stonyhurst ...	9 9	377	6.4	0.9	3.7	-0.6	11.1	17	-7.2	27, 28	-	-	9.70	219	1.76	17	24	23	-	1	-	-	-	6	11	14	-	0.94	86														
		Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.82	-														
		Helmshore ...	9 9	854	5.1	0.9	3.0	-	9.4	9	-8.3	29	-	-	14.88	273	1.68	22	26	24	-	6	-	-	-	11	11	-	-	1.35	-														
		Burnley ...	9 9	655	5.9	0.7	3.3	-	11.7	17	-7.8	28	4.1	6.1	8.91	-	1.48	17	27	22	3	3	0	0	0	5	9	18	0	1.04	-														
		Nelson ...	9 9	540	5.8	0.9	3.3	-	11.2	17	-7.7	28	3.6	6.2	9.21	220	1.67	17	25	22	-	3	-	-	-	1	10	15	-	0.45	- S														
		Rochdale ...	9 9	362	6.3	0.4	3.3	-	11.7	17	-8.3	28, 29	-	-	11.48	270	1.35	22	25	23	1	1	0	0	0	8	11	19	0	-	- S														
		Bidston Obs'y. †	9 9	198	7.4	3.1	5.3	0.0	12.8	17	-4.4	28	-	-	4.87	185	.61	22	22	19	-	-	-	-	-	1	3	5	-	1.90	150														
		Winnington ...	9 9	65	7.5	2.1	4.8	-	13.9	17	-6.1	28, 29	-	-	5.95	218	.83	22	25	18	2	3	0	1	0	2	4	14	2	-	-														
		Knutsford ...	9 9	212	6.8	1.1	3.9	-	13.3	17	-8.3	29	3.6	5.9	6.98	236	.98	9	23	19	-	1	-	-	-	10	23	-	-	-	-														
		Ringway †	21-9	248	6.5	1.9	4.2	-0.3	13.5	17	-7.2	29	-	-	7.08	257	.95	22	24	19	3	1	0	3	1	1	7	11	1	1.49	146														
		Macclesfield ...	9 9	500	6.3	1.1	3.7	-0.3	12.2	17	-6.7	28	-	-	7.72	244	1.16	9	24	21	5	1	0	0	0	2	9	-	0	-	-	-													
7b NORTH WALES																																													
Flint		Rhyl ...	9 9	31	8.6	3.2	5.9	-0.1	12.8	9, 17	-4.4	28	-	-	4.37	176	.57	18	26	19	4	1	2	0	1	0	4	4	2	1.48	111														
		Prestatyn ...	9 9	12	8.6	3.8	6.2	-	13.3	9	-2.8	29	-	-	4.52	170	.50	18	26	19	1	0	2	0	0	0	4	-	0	1.32	107														
		Hawarden Bridge ...	9 9	17	8.4	2.4	5.4	+0.2	14.4	17	-6.1	29	-	-	4.47	181	.86	9	24	18	1	0	0	1	0	0	5	-	1	-	-														
Anglesey		Valley ...	21-9	33	8.5	4.5	6.5	-0.4	11.0	17	-1.8	28	-	-	6.64	188	.70	22	27	24	3	0	2	0	0	0	4	7	6	1.73	124														
Denbigh		Colwyn Bay ...	9 9	118	9.3	4.3	6.8	+0.3	15.0	17	-2.2	28, 29	6.1	-	3.74	127	.59	18	25	19	1	0	5	0	1	0	2	-	0	1.15	92 S														
		Alwen ...	9 9	100	6.0	-0.5	2.7	-	11.1	17	-11.7	28, 29	-	-	10.05	194	1.48	9	28	27	-	-	-	-	-	11	23	-	-	-	-														
		Ruthin ...	9 9	248	8.1	0.9	4.5	-	12.8	17	-8.3	28	-	-	5.27	-	.59	6	25	23	-	1	-	-	-	1	8	-	-	1.59	-														
		Loggerheads ...	9 9	690	6.9	0.9	3.9	-	12.2	17	-8.3	28	3.8	5.9	5.03	-	.83	9	28	21	3	3	2	0	0	1	9	15	2	-	-														
		Bwlchwyn ...	9 9	267	5.3	0.8	3.1	-	11.1	17	-7.2	27	3.7	-	6.41	152	.97	9	28	23	3	2	0	0	0	1	12	15	0	-	-														
		Wrexham ...	9 9	275	-	-	-	-	-	-	-	-	4.1	6.3	-	-	-	-	0	0	1	0	0	0	0	6	22	0	-	-	-														
Caernarvon		Bardsey Island ...	21-9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		Botwnnog ...	9 9	112	8.6	3.6	6.1	-	11.7	17	-2.8	28	6.1	8.0	9.39	-	1.01	22	28	26	1	0	4	2	0	1	4	14	4	1.78	-														
		Bryn Adda ...	9 9	275	8.2	3.3	5.7	-	11.7	14, 15, 17	-2.8	28	-	-	7.41	154	.99	17	27	26	1	1	5	0	0	0	4	11	3	1.20	-														
		Cwm Dyli ...	9 9	324	8.2	3.3	5.7	-	11.7	14, 15, 17	-4.4	28	5.6	-	26.96	183	3.34	8	29	26	-	-	-	-	-	0	5	11	-	-	-														
		Aber ...	9 9	60	9.6	3.9	6.7	-0.1	13.9	14	-4.4	29	-	-	6.89	161	1.12	17	27	24	2	0	1	0	0	0	4	8	5	0.39	87 S														
		Llandudno †	9 9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
Merioneth		Llyn Stwlan ...	9 9	1656	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		Blaenau Ffestiniog ...	9 9	750	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-														
		Corwen ...	9 9	473	7.7	0.9	4.3	-	12.2	17	-9.4	29	-	-	9.39	214	1.33	9	26	25	2	3	0	1	0	-	10	23	0	-	- S														
Montgomery		Ceinws ...	9 9	200	8.1	1.9	5.0	-	11.7	14, 17	-7.8	28	-	-	-	-	-	-	-	-	-	-	-	-	0	8	12	-	-	-	-														
		Lake Vyrnwy ...	9 9	995	6.2	0.8	3.5	-	10.6	17	-7.8	28	3.8	-	17.39	242	2.77	17	28	25	5	5	0	0	1	0	9	30																	

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		Mean Temperature of A and B	Difference from Average	Highest Maximum and Lowest Minimum						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-cent- age of Aver- age
				A Max.	B Min.			Maximum	Date	Minimum	Date	1 ft.	4 ft.	Amount	Date		-0.1in. (0.2mm.) or more	-0.1in. (1.6mm.) or more													
8b ENGLAND, S.W.—cont.		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	°C.	in.	%	in.														hr	%	
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	15	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	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	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	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	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	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	
	Ellbridge ...	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	-	-	
Antrim	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	-	-	
	Garvagh 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	1	8	11	1	-	-	
	Portrush ...	-	17	-	-	-	-	-	-	-	-	-	-	4.17	112	.49	1	25	25	-	-	-	-	-	-	-	-	-	1.29	-	
	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	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	-	1	-	
	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	1.3	4.3	-	11.7	16	-9.4	28	-	-	4.57	-	.57	1	29	23	1	1	0	0	0	0	8	14	0	-	-	
	Larne ...	9 9	140	7.6	0.6	4.1	-	10.6	17	-7.2	28	-																			

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.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-8 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.																																
																																10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100									10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100																														
0	1	2	3	4	5	6	7	8	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,000 yd.	1,100-2,100 yd.	2,200-4,300 yd.	3-8 mi.	7-12 mi.	13-24 mi.	25 mi. or over	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100	10 or more	8, 9, 10, 11, 12, 13, 14, 15, 16, 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TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1965

[illegible]

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	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.	220-430 yd.	440-1,000 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	35 mi. or over	Beaufort Force					N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.							STATION	MAXIMUM TEMPERATURE °C.							MINIMUM TEMPERATURE °C.										
	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -10°	-9° to -5°	-4° to 0°	0° to 5°	5° to 10°		10° to 15°	Above 15°	0° or less	0° to 5°	5° to 10°	10° to 15°	15° to 20°	20° to 25°	25° to 30°	Above 30°	-15° or less	-14° to -10°	-9° to -5°	-4° to 0°	0° to 5°	5° to 10°	10° to 15°	Above 15°
Lerwick Observatory	2	23	6	0	0	0	0	0	0	0	1	12	16	2	0	0	Edgbaston	1	8	19	3	0	0	0	0	0	0	0	5	20	5	1	0
Stornoway	0	10	20	1	0	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	0	1	15	14	1	0	0	Hastings	0	2	19	10	0	0	0	0	0	0	5	19	7	0	0	
Rothsay	0	6	24	1	0	0	0	0	0	0	4	24	3	0	0	0	Southampton	0	2	16	13	0	0	0	0	0	0	5	19	6	1	0	
Renfrew	1	10	19	1	0	0	0	0	0	0	3	7	17	4	0	0	Stonyhurst	0	10	20	1	0	0	0	0	0	0	3	18	2	0	0	
Eskdalemuir Observatory	2	18	11	0	0	0	0	0	0	2	4	6	18	1	0	0	Bidston	0	5	22	4	0	0	0	0	0	0	3	25	3	0	0	
Douglas	0	2	26	3	0	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	
Cockle Park	-	-	-	-	-	-	-	-	0	1	12	18	0	0	0	0	Falmouth	0	1	15	16	0	0	0	0	0	0	1	14	15	1	0	
Gorleston	0	7	21	8	0	0	0	0	0	0	7	20	3	1	0	0	Aldergrove	1	7	21	2	0	0	0	0	0	2	7	20	2	0	0	
Cambridge	1	5	19	6	0	0	0	0	0	2	9	16	4	0	0	0	Armagh	0	4	22	5	0	0	0	0	0	3	5	21	2	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		21		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						20								
Year					218.3	360	424				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).

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Printed in England for H.M. Stationery Office by Key Swift Ltd. Edgware. Wt. 15/PS407645 K.12. 3/66. Grp S.T. 72-7-65-12.

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										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															
Rainfall										196	TABLE VI	Monthly Frequencies of Sunshine for 20 stations										212			
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			

1965—Cold, dull and rather wet

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

FH2A

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.

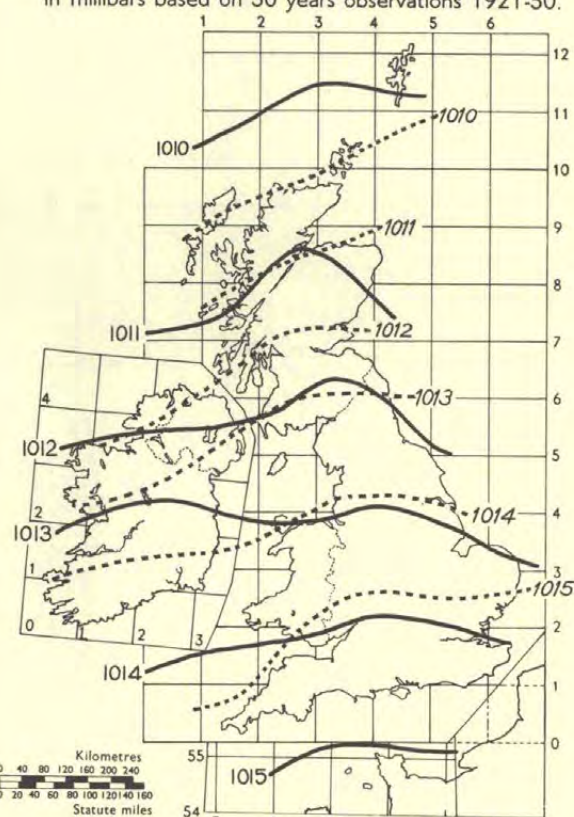
An indication of the general surface wind direction over the United Kingdom has been given in the section on "General Weather", from which it may be seen that winds from a northerly or easterly direction predominated during the first and last few days of January, during the whole of February and the 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.

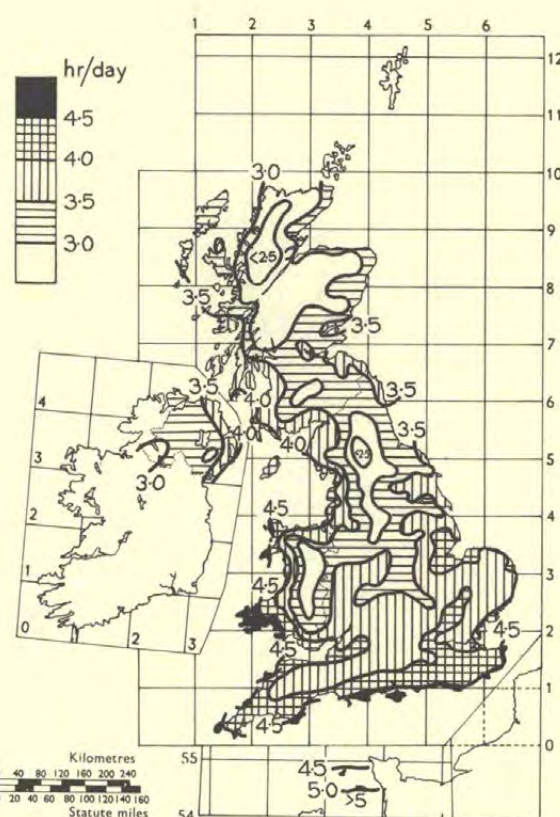
Surface winds reached gale force more frequently in Scotland than in England and Wales in every month except July and November, and taking the United Kingdom as a whole, gales were most frequent during January, November and December, and least frequent in July. In Scotland wind reached gale force on 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.



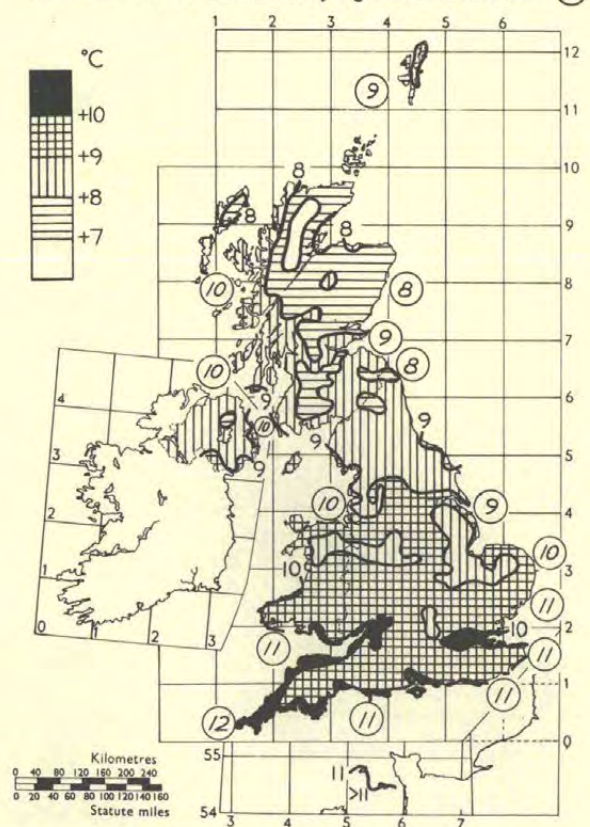
BRIGHT SUNSHINE



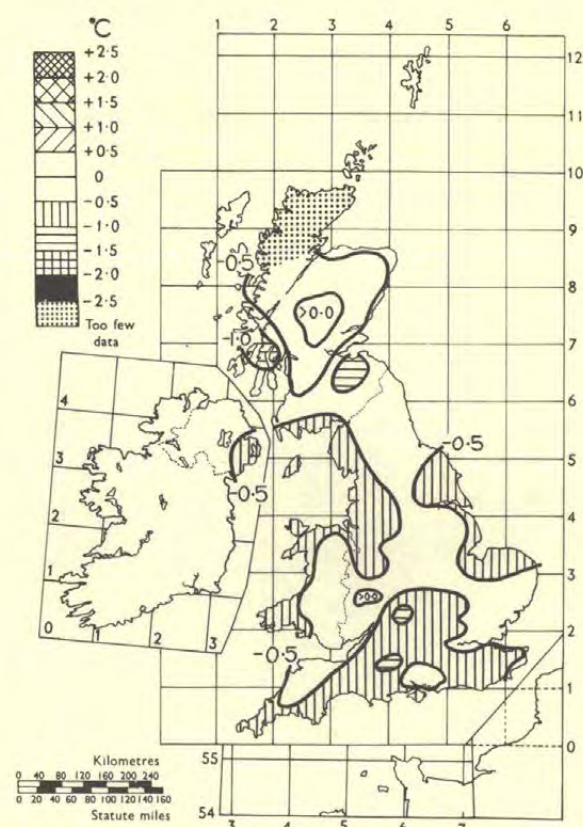
MEAN AIR TEMPERATURE

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

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



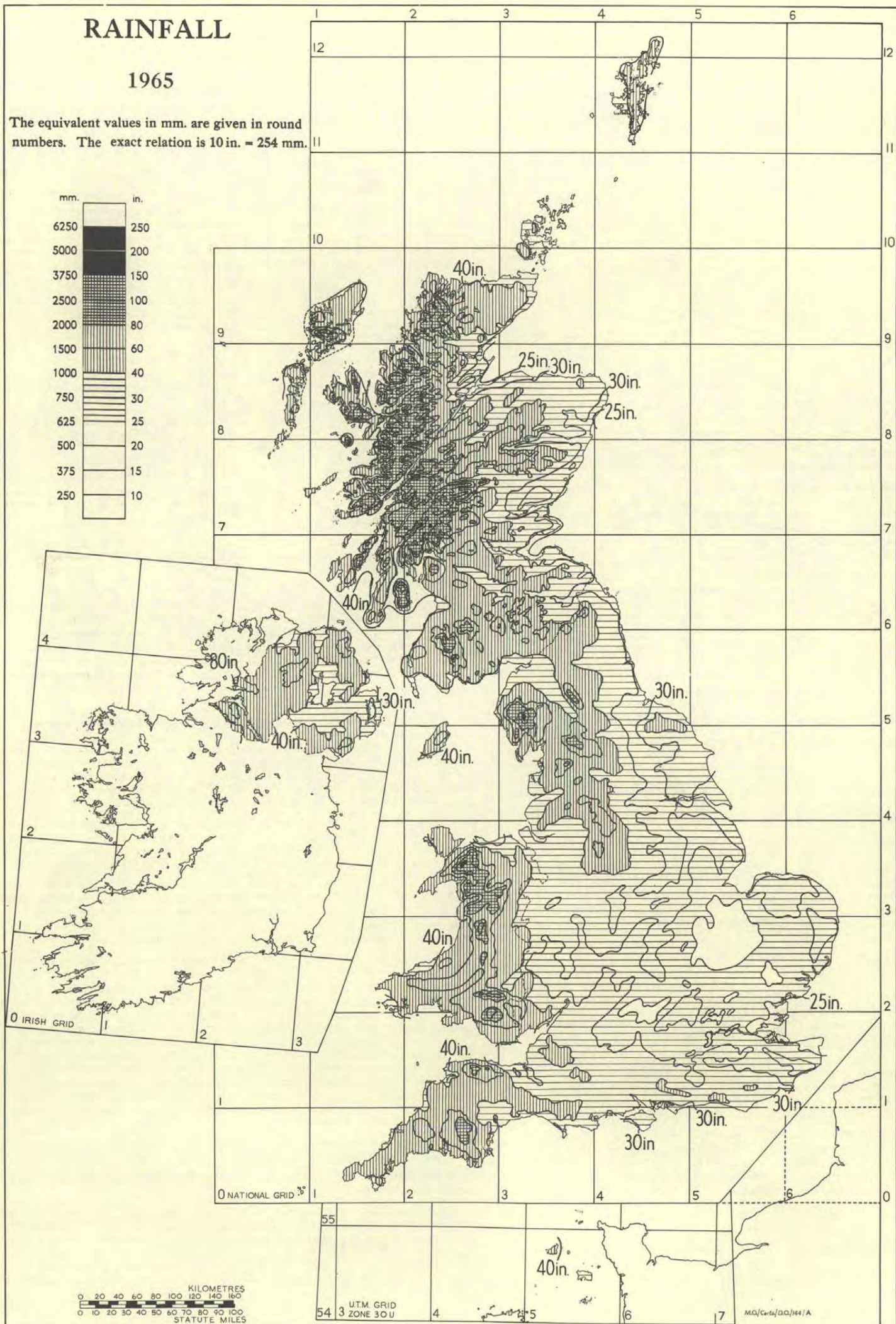
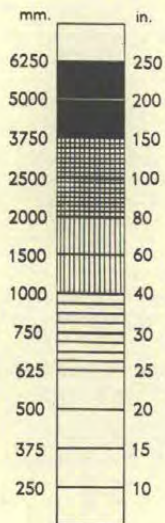
ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE



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		Total Fall			Per-centage of Average φ φ	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 φ	
					A Max.	B Min.			Maximum	Minimum		1ft.	4ft.		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
0 SCOTLAND, N.																										hr.	%			
	Zetland	Hamnavoe	9 9	70	9·3	5·5	7·4	—	19·4	—	3·9	—	39·93	—	1·36	4 Dec	235	168	63	28	18	18	0	7	36	—	32	3·19	—	
		Lerwick Obs'y.	§ 21·9	269	8·4	4·5	6·5	—	19·2	—	8·0	—	45·69	103	1·28	28 Nov	245	193	95	47	12	73	3	22	64	98	28	2·72	92	
	Orkney	Baltaasand	9 9	76	9·2	4·2	6·7	—	19·4	6·1	7·1	—	43·97	98	1·38	13 Jan	258	199	67	45	16	3	58	—	17	2	2·69	—		
		Sule Skerry	9 9	43	9·5	6·4	7·9	—	15·7	—	1·5	—	36·12	—	1·30	8 Sept	226	163	29	11	29	5	2	5	9	42	29	—	—	
		Stennes	9 9	75	9·9	4·8	7·3	—	19·4	—	7·2	7·6	37·59	95	1·58	8 Sept	258	167	37	29	13	19	2	2	48	118	19	2·95	—	
		Erle	9 9	110	—	—	—	—	—	—	—	—	40·39	—	2·17	8 Sept	229	185	31	—	—	—	—	—	—	—	—	—	—	
		Kirkwall	21·9	84	9·5	5·0	7·3	—	18·0	—	5·4	—	37·08	94	1·72	8 Sept	237	170	81	18	61	8	3	3	50	94	18	2·81	84	
	Caithness	Dounreay	9 9	70	10·5	4·5	7·5	—	20·0	—	8·9	—	32·42	—	(2·00)	8 Sept	242	167	—	25	—	—	—	—	53	—	37	—	—	
		Wick	21·9	119	9·5	4·6	7·1	—	0·8	19·7	—	7·8	—	32·46	108	1·39	21 July	241	153	63	30	6	51	3	7	69	110	9	3·08	86
	Sutherland	Cape Wrath	21·9	367	9·4	5·4	7·4	—	0·8	24·8	—	4·0	—	41·61	88	1·32	21 July	252	181	51	16	24	17	1	17	34	49	24	2·94	—
		Achan	9 9	280	10·6	—	—	—	23·3	—	—	7·6	7·6	36·87	89	·88	13 Jan	263	179	89	79	35	0	0	14	—	191	0	3·11	—
		Strathly	9 9	120	10·5	4·1	7·3	—	0·5	22·2	—	11·7	—	39·55	92	2·01	8 Sept	262	192	73	30	12	25	1	2	68	—	1	2·86	93·8
	Ross & Cromarty	Stornoway	§ 21·9	11	10·3	5·1	7·7	—	0·8	20·6	—	6·6	—	43·75	111	1·23	29 Nov	256	195	56	10	13	38	3	0	55	109	14	3·08	91
		Balmacara	9 9	2	11·5	5·3	8·4	—	—	24·4	—	5·6	—	61·51	—	1·92	26 Oct	242	200	15	19	0	0	0	—	43	—	2	—	—
		Poolewe	9 9	20	11·3	5·4	8·3	—	—	25·0	—	5·6	—	61·23	104	1·49	26 Oct	219	203	—	—	—	—	—	0	44	100	—	3·08	—
		Inverpolly	9 9	45	—	—	—	—	—	—	—	—	—	53·64	104	1·45	26 Oct	246	213	—	—	—	—	—	—	0	44	100	—	—
		Achnashellach	9 9	220	11·0	3·8	7·4	—	0·7	24·4	—	10·0	—	89·60	111	2·03	16 June	268	217	40	45	0	0	0	1	72	—	3	—	—
		Kinlochewe	9 9	76	11·3	4·4	7·9	—	24·4	—	8·9	8·2	76·85	99	2·32	26 Oct	252	211	51	39	23	0	7	4	63	135	15	2·18	—	
		Fortrose	9 9	15	10·5	5·7	8·1	—	0·7	22·8	—	(5·6)	—	25·80	101	1·81	11 July	190	127	30	21	0	0	0	5	32	—	3	2·82	81
		Tarbatness	21·9	60	10·0	6·4	8·2	—	19·5	—	5·0	—	23·44	107	·99	3 Sept	190	120	30	10	1	0	0	5	27	—	12	—	—	—
	Inverness	Benbecula	21·9	19	10·7	5·9	8·3	—	0·7	21·3	—	4·8	—	45·13	101	1·18	2 Mar	233	174	35	7	8	44	5	3	46	86	26	3·38	—
		Isle of Rhum	9 9	15	11·4	5·4	8·4	—	22·2	—	5·6	9·3	9·4	85·72	86	2·01	4 Dec	235	193	21	13	21	40	21	2	47	115	65	—	—
		Prabost	9 9	220	10·6	5·1	7·9	—	21·7	—	5·6	—	65·30	91	1·73	26 Oct	257	195	31	27	8	48	5	2	44	126	34	3·14	—	
		Duntulm	9 9	294	10·3	5·6	7·9	—	0·7	21·7	—	3·9	—	50·26	95	1·28	19 Sept	252	202	46	5	33	0	6	3	27	74	25	2·95	89·8
		Onich	9 9	48	11·3	4·8	8·1	—	0·6	23·3	—	7·8	—	81·01	100	2·39	26 Oct	213	190	21	17	3	0	5	5	59	137	6	3·11	107·8
		Fort William	9 9	27	11·5	4·4	7·9	—	26·1	—	9·4	8·2	8·6	65·04	—	2·45	26 Oct	218	175	39	14	3	16	6	3	75	126	18	2·69	—
		Fort Augustus	9 9	70	10·9	4·3	7·6	—	0·7	23·3	—	9·4	—	44·21	—	1·05	26 Oct	237	176	34	20	1	1	1	7	70	—	8	2·70	—
		Cannich	9 9	350	10·5	1·8	6·1	—	—	24·4	—	14·4	—	45·63	98	1·26	25 Sept	231	176	35	90	1	0	1	0	128	—	6	—	—
	Inverness	Glenmoriston	9 9	13	11·1	4·7	7·9	—	—	24·4	—	6·1	—	46·0	104	1·60	11 July	183	144	31	25	2	7	7	62	120	2	3·99	—	
		Achnagoichan	9 9	1000	9·8	2·3	6·1	—	—	23·9	—	11·7	6·5	34·59	—	1·20	3 Sept	231	169	77	—	0	0	0	—	117	190	9	—	—
		Glenmore Lodge	9 9	1120	—	—	—	—	—	—	—	—	—	41·53	104	1·32	3 Sept	235	182	—	—	—	—	—	—	—	—	2·78	—	

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		TEMPERATURE		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	Percentage of Average		
				A Max.	B Min.			Maximum	Minimum	1 ft.	4 ft.																	
G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.	-0.1 in. (0.3 mm.) or more	-0.4 in. (1.0 mm.) or more	or more	or more	or more	or more	or more	or more	or more	or more	or more	or more	hr.	%		
1 SCOTLAND, E																												
Nairn	9 9	20	10.8	4.1	7.5	-1.0	23.9	-11.1	—	—	26.36	105	1.06	3 Sept	227	141	15	28	0	0	0	3	71	141	1	3.09	87	
Moray	9 9	155	10.9	3.5	7.2	—	23.9	-8.9	8.0	8.1	26.80	109	1.27	3 Sept	217	144	31	33	6	1	0	0	91	116	0	2.98	81	
	21-9	15	11.0	4.3	7.7	—	24.1	-9.5	8.0	—	25.52	106	1.19	3 Sept	207	133	65	28	4	38	1	0	82	143	8	3.08	—	
	9 9	21	10.8	4.0	7.4	-0.9	22.2	-10.0	—	—	26.48	106	1.15	3 Sept	194	138	52	15	7	28	2	0	75	152	8	—	—	
Banff	9 9	104	11.1	4.6	7.9	-0.7	21.7	-7.8	—	—	30.71	104	1.61	17 Sept	220	153	—	30	—	—	—	—	55	—	—	3.16	90	
	9 9	708	—	—	—	—	—	—	—	—	38.36	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aberdeen	9 9	80	10.6	5.0	7.8	—	22.2	-10.6	—	—	33.13	—	1.51	3 Sept	226	160	56	25	34	0	1	13	41	—	—	2.91	—	
	9 9	1113	9.4	—	—	—	23.3	-20.0	—	—	29.87	82	1.08	17 Sept	217	169	—	—	—	—	—	—	—	22	3.09	—	—	—
	9 9	927	9.3	1.6	5.5	-1.1	23.3	-17.8	—	—	33.51	101	1.07	17 Sept	258	176	86	104	1	0	0	—	125	181	2	—	—	
	9 9	580	10.6	2.9	6.7	—	23.3	-16.1	7.4	—	26.98	—	1.00	17 Sept	218	153	37	64	0	1	0	7	109	165	2	3.26	—	
	9 9	405	—	—	—	—	—	-12.6	—	—	33.67	95	1.64	17 Sept	252	165	—	—	—	—	—	—	—	—	—	—	—	—
	9 9	218	—	—	—	—	—	—	—	—	36.33	105	1.31	3 Sept	235	200	—	—	—	—	—	—	—	—	—	—	—	—
	9 9	300	9.9	4.2	7.1	-0.6	22.8	-9.4	7.6	7.7	29.42	87	1.02	17 Sept	232	157	59	54	12	3	2	11	61	120	6	3.25	85	
	21-9	190	10.5	3.9	7.2	-0.7	23.6	-15.8	—	—	28.75	82	1.26	17 Sept	213	153	75	42	28	15	2	10	91	152	3	3.05	—	
	9 9	352	9.9	3.6	6.7	—	21.7	-10.6	—	—	31.82	85	1.28	3 Sept	222	168	51	56	3	1	0	20	78	145	4	3.27	—	
Kincardine	21-9	85	9.7	5.1	7.4	-0.6	21.5	-10.1	—	—	33.50	118	1.28	3 Sept	246	177	53	11	15	2	1	18	51	—	21	3.25	—	
	9 9	560	9.7	3.5	6.6	—	22.2	-10.6	—	—	36.55	94	1.52	17 Sept	234	152	64	68	7	0	0	22	88	161	5	2.69	—	
	9 9	395	10.2	2.9	6.5	—	22.8	-19.4	7.1	—	32.57	—	1.45	17 Sept	174	160	58	56	8	0	4	38	117	—	6	3.23	—	
	9 9	12	10.6	4.3	7.5	-0.9	22.2	-11.1	—	—	27.76	92	1.34	17 Sept	184	139	25	29	2	0	2	22	65	—	5	3.31	90	
Angus	9 9	210	10.2	4.3	7.3	—	21.1	-8.3	—	—	28.47	96	1.36	17 Sept	228	156	33	31	2	0	0	16	56	113	2	—	—	
	9 9	100	11.0	4.1	7.5	—	23.3	-10.0	7.6	7.9	26.79	95	1.12	17 Sept	190	127	34	26	9	1	2	14	83	143	4	3.61	—	
	9 9	147	11.1	4.5	7.8	-0.7	23.9	-7.2	8.4	—	28.20	91	1.11	17 Sept	194	122	40	33	11	7	1	—	62	156	5	3.38	—	
	9 9	200	10.7	2.9	6.8	—	22.8	-13.9	—	—	30.68	91	1.08	31 Oct	216	140	49	47	5	0	6	12	105	176	7	—	—	
	9 9	845	9.8	2.3	6.1	—	22.8	-16.1	—	—	39.81	—	1.25	23 May	235	161	80	86	3	6	1	8	123	169	6	—	—	
	9 9	15	10.7	3.7	7.2	-0.9	22.2	-11.1	—	—	25.16	—	—	17 Sept	183	128	22	—	13	1	5	80	—	6	—	—	—	
	9 9	29	10.8	4.6	7.7	—	22.8	-7.8	9.1	—	25.07	86	—	17 Sept	176	117	39	19	1	8	1	5	68	139	7	3.53	—	
	9 9	95	10.6	4.9	7.7	-0.7	23.3	-8.3	—	—	23.62	91	1.17	17 Sept	184	125	22	16	4	1	2	18	48	94	8	3.66	89	
Perth	9 9	186	10.6	4.5	7.5	—	23.3	-11.1	—	—	26.63	93	1.23	17 Sept	192	130	38	28	13	0	2	12	71	132	2	—	—	
	9 9	425	10.6	2.3	6.5	—	22.8	-13.3	7.6	7.6	67.89	84	(1.98)	4 Aug	180	165	32	25	0	0	3	0	112	157	0	—	—	
	9 9	427	10.8	3.9	7.3	—	25.6	-12.2	—	—	45.31	87	2.12	25 Sept	216	164	44	23	9	0	6	4	77	148	2	—	—	
	9 9	500	10.5	2.8	6.7	—	22.8	-12.8	—	—	41.48	—	1.49	25 Sept	224	165	37	—	10	9	5	35	101	166	4	3.43	—	
	9 9	473	10.6	3.0	6.8	—	23.3	-15.0	—	—	30.03	89	1.68	25 Sept	193	139	30	64	0	3	0	9	100	169	1	3.07	—	
	9 9	310	11.1	3.3	7.2	—	23.3	-13.9	8.0	8.4	30.39	86	1.77	25 Sept	197	130	55	60	4	0	1	4	99	155	0	—	—	
	9 9	77	11.3	3.9	7.6	-1.0	23.3	-13.9	—	—	30.06	98	1.70	31 Oct	194	142	27	28	2	0	2	12	83	130	0	3.37	94	
	9 9	26	11.3	3.5	7.4	—	23.3	-16.1	—	—	28.74	—	1.05	31 Oct	179	136	25	25	2	0	3	19	95	149	1	—	—	
	9 9	230	10.9	3.5	7.2	—	23.3	-13.3	7.8	—	28.09	94	—	31 Oct	176	125	18	—	0	1	—	—	98	150	2	3.34	—	
Fife	9 9	1100	9.4	1.9	5.7	—	22.8	-18.9	6.7	—	41.21	91	1.21	25 Sept	228	169	75	101	0	7	1	8	130	187	6	—	—	
	9 9	130	11.1	4.6	7.9	—	23.4	-8.5	—	—	33.77	—	1.57	19 Nov	184	143	30	15	10	1	10	16	65	141	9	—	—	
	9 9	425	10.4	4.3	7.3	—	23.8	-8.9	7.6	7.8	35.31	—	1.13	25 Sept	206	151	41	37	0	1	6	33	68	143	22	3.44	—	
	9 9	137	11.2	4.6	7.9	-0.7	22.8	-7.8	—	—	32.62	110	1.12	31 Oct	190	142	30	22	7	2	5	6	66	122	3	3.28	—	
	9 9	82	11.5	3.6	7.5	—	23.3	-11.1	8.0	—	28.26	88	1.09	17 Sept	177	136	26	24	11	0	5	9	90	—	2	—	—	
	21-9	35	10.9	4.3	7.6	-1.1	23.2	-9.0	—	—	27.26	102	1.02	3 Sept	181	124	46	25	6	13	2	14	80	131	14	3.63	89	
Midlothian	9 9	13	10.9	4.3	7.6	-1.0	23.9	-8.4	8.3	8.5	25.89	92	—	3 Sept	183	127	—	—	—	—	—	7	67	118	—	3.33	83	
	9 9	708	10.4	3.2	6.8	—	24.4	-13.9	—	—	38.56	104	1.11	17 Sept	202	168	—	—	—	—	—	—	—	—	—	—	—	—
	21-9	114	11.3	4.2	7.7	-0.9	23.3	-10.6	—	—	31.52	117	1.23	25 Sept	193	139	46	25	11	18	10	10	79	147	9	3.33	—	
	9 9	200	11.0	4.3	7.7	—	23.3	-10.6	—	—	30.79	112	1.26	25 Sept	186	138	27	32	9	1	11	9	69	143	0	3.11	—	
	9 9	200	11.1	4.6	7.9	-1.4	24.4	-10.0																				

TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 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				Highest Maximum and Lowest Minimum		Total Fall		Per-centage of Aver-age		Most in a day		Precip'n		Number of days						Percentage of Average					
				A Max.	B Min.	Mean Temperature Mean of A and B	Difference from Average	Maximum	Minimum	1 ft.	4 ft.	in.	%	in.	Date	0.1 in. (0.2 mm.) or more	0.4 in. (1.0 mm.) or more	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	
				°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.															
				ft.	°C	°C	°C	°C	°C	°C	°C	in.	%	in.															
6a SCOTLAND, W.—contd.				G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.										hr	%		
Kirkcudbright	9 9	390	10.9	2.6	6.7	—	23.3	—15.0	7.6	—	56.36	95	2.11	13 Jan	205	165	29	22	2	0	11	3	109	—	6	—	—		
—contd.	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	—	—	—	—	—		
Threave	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	164	6	—	—	—		
Castle Douglas	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	—	—		
West Freugh	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	—	—		
Penwhirn	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	21	67	125	4	3.82	—	—		
Mull of Galloway	21-9	257	10.8	6.4	8.6	—	22.2	—3.8	—	—	—	—	—	—	—	16	3	2	1	2	12	12	—	47	—	—	—		
Newton Stewart	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	60	—	4	—	—	—	
6b ISLE OF MAN																													
Isle of Man	21-9	55	11.4	6.3	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	—	—	
Douglas	9 9	284	11.1	6.2	8.7	—0.7	20.6	—5.6	—	—	46.23	121	1.41	9 Apr	200	151	12	9	17	2	6	13	30	62	17	4.32	100	—	
Point of Ayre	21-9	30	11.9	6.9	9.4	—	22.6	—3.5	—	—	33.96	110	1.05	5 Sept	196	136	18	3	1	4	3	2	16	—	17	4.11	—	—	
2 ENGLAND, N.E.																													
Northum-berland	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	—	—	—	
Corbridge	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	93	—	3	—	—	—	
Berwick-on-Tweed	9 9	76	10.5	5.1	7.6	—0.8	22.2	—7.8	—	—	28.50	122	1.83	17 Sept	191	143	28	3	14	1	6	7	42	93	5	—	—	—	
Cockle Park	9 9	326	—	—	—	—	—	—	—	—	40.97	(146)	1.40	19 Nov	222	169	—	—	—	—	—	—	—	—	—	—	3.27	87	—
Acklington	21-9	138	10.9	4.8	7.9	—	23.6	—9.3	—	—	26.82	114	1.55	17 Sept	191	138	52	31	3	24	6	10	68	92	8	3.68	—	—	
Tynemouth	21-9	95	10.6	6.2	8.4	—0.8	23.6	—8.0	—	—	29.68	113	1.28	13 Jan	196	137	45	11	14	0	3	17	23	73	19	3.42	94	—	
Seahouses	21-9	37	10.7	5.0	7.9	—	23.4	—9.4	—	—	26.74	—	—	91	17 Nov	172	120	29	2	8	3	5	19	51	—	12	—	—	
Choppewellwood	9 9	446	11.1	4.4	7.7	—0.9	26.7	—10.6	—	—	37.58	129	1.92	19 Nov	212	149	—	42	—	—	—	5	64	140	—	—	—	—	
Ushaw College	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	—	—	—	—	—	—	
Houghall	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	88	—	
Gateshead	9 9	509	—	—	—	—	—	—	—	—	32.97	(119)	1.21	16 May	(191)	(141)	—	—	—	—	—	—	—	—	—	—	3.31	—	—
West Hartlepool	9 9	30	11.7	5.8	8.7	—	26.1	—10.0	—	—	27.84	113	—	94	16 May	189	137	31	25	6	0	6	19	37	89	10	3.38	—	—
Thirsk	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	—	—	—	
Ampleforth	9 9	313	11.7	4.7	8.2	—0.6	23.9	—10.6	(100)	—	29.68	(100)	—	13 July	(201)	145	—	—	—	—	—	17	67	149	—	—	—	—	
Redcar	9 9	25	12.0	6.0	9.0	—	25.0	—5.0	—	—	29.59	(124)	—	(1.13)	(28 Feb)	206	(140)	—	—	—	—	—	7	29	—	—	3.24	—	—
Pickering	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	—	—	—	
Whitby	9 9	135	11.8	5.5	8.7	—	25.8	—8.3	—	—	25.57	98	—	64	3 Sept	197	148	—	12	—	—	26	34	—	—	3.65	95	—	
Scarborough	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	8	
Silpho Moor	9 9	665	10.8	4.1	7.5	—	24.4	—8.3	7.6	—	39.93	119	1.22	28 Sept	267	168	—	37	—	—	—	65	84	145	—	3.47	—	—	
Whitby C/Guard	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	—	—	—	
High Mowthorpe	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	—	—	
Hull	9 9	8	12.4	6.0	9.2	—0.7	24.4	—6.1	9.1	8.9	29.43	116	—	97	8 Sept	210	142	34	17	2	2	7	6	48	95	3	3.42	93	—
Nelfield	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	—	—	
Filey	9 9	122	11.1	5.1	8.1	—	23.3	—9.4	—	—	30.80	114	—	10	13 July	205	140	25	—	21	16	9	7	42	84	5	3.54	—	—
Bridlington	9 9	157	11.1	6.0	8.4	—	21.7	—7.9	—	—	36.31	132	—	13 July	214	160	—	18	—	—	—	9	45	—	15	—	—	—	
Kilnsea	21-9	40	11.0	6.0	8.5	—	22.0	—5.0	—	—	28.04	—	—	28 Sept	183	131	31	—	4	9	5	12	31	—	—	—	—	—	
Waddington	21-9	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	—	—	
Lincoln	9 9	22	12.5	4.2	8.3	—	26.1	—9.4	9.3	9.2	30.57	129	—	85	3 Sept	205	134	14	12	2	0	5	19	78	137	7	3.54	—	—
Cranwell	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	—	
Brigg	9 9	10	12.8	4.0	8.4	—	26.1	—8.9	—	—	(29.98)	—	—	30	3 Sept	204	(140)	35	16	4	6	12	17	88	135	5	—	—	
Cleethorpes	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	86	—	
Manby	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	—	—	
Skewness	9 9	15	12.4	5.6	9.0	—0.5	25.0	—13.3	—	—	30.28	136	—	(1.42)	8 Sept	(167)	(145)	—	13	—	—	35	62	—	—	3.81	91	—	
3 ENGLAND, E.																													
Norfolk	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	—	—	
Terrington St. Clement	21-9	76	12.5	5.3	8.9	—	26.3	—8.6	—	—	28.00	—	—	8 Sept	177	131	33	11	1	6	17	15	64	101	4	—	—	—	
Marham	9 9	80	13.2	3.6	8.4	—	28.3	—11.1	9.3	—	28.74	110	1.26	3 Sept	206	146	—	16	—	—	—	—	94	158	—	3.60	—	—	
Santon Downham	21-9	250	11.9	5.1	8.5	—	25.6	—11.0	—	—	34.31	121	1.20	9 Dec	196	149	45	18	5	22	15	15	60	110	5	4.04	—	—	
Cromer	9 9	178	11.8	6.1	8.9	—0.9	26.7	—7.8	—	—	29.87	112	—	106	9 Dec	189	139	—	—	—	—	3	22	103	—	3.85	90	—	
Sproston	9 9	93	12.5	5.0	8.7	—0.9	25.6	—10.0	9.5	—	29.27	115	—	98	3 Sept	191	142	21	15	1	12	11	54	136	2	3.56	85	8	
Coltishall	21-9	55	12.3	5.5	8.																								

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

203

DISTRICT, COUNTY AND PLACE	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREE 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	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	Percentage of Average	
			A Max.	B Min.			Maximum	Minimum					Amount	Date	0.1 in. (0.2 mm.) or more	0.4 in. (1.0 mm.) or more												
																												°C
			G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.	in.
4 MIDLAND COUNTIES—cont.																												
Derby—contd.	Belper	9 9	203	12.7	4.9	8.8	—0.6	26.7	—13.3	—	—	37.27	129	1.40	9 Dec	179	147	16	16	3	0	3	—	72	—	0	—	—
	Derby	9 9	159	12.7	5.6	9.1	—	27.2	—12.8	—	—	31.89	—	1.10	9 Dec	190	139	19	12	3	3	10	19	64	101	1	3.70	—
	Morley	9 9	350	12.1	—	—	—	26.1	—11.1	—	—	34.52	117	1.55	25 Sept	184	143	23	19	2	1	6	—	69	118	8	3.50	—
Nottingham	Chesterfield	9 9	298	12.6	4.9	8.7	—	27.8	—12.2	—	—	35.55	—	1.31	9 Dec	196	148	31	21	0	0	4	21	62	—	4	—	—
	Sutton Bonington	9 9	157	12.5	4.6	8.5	—0.9	25.6	—12.2	9.3	9.7	27.78	121	1.27	8 Sept	189	135	11	6	1	1	0	10	71	130	1	3.56	98
	Watnall	21-9	385	12.2	5.2	8.7	—	27.6	—10.6	—	—	35.60	131	1.57	21 June	198	141	40	19	14	13	16	30	62	121	1	3.18	87
	Nottingham T.C. **	9 9	169	12.6	5.2	8.9	—	27.8	—10.0	—	—	27.85	—	1.08	8 Sept	186	126	—	—	—	—	—	37	65	119	—	3.33	—
	Mansfield	9 9	362	12.0	5.3	8.7	—0.6	27.8	—7.8	9.1	—	35.09	128	1.12	21 June	185	141	26	21	1	1	1	20	48	—	0	—	—
Leicester	Nottingham	9 9	192	12.8	5.9	9.3	—0.5	26.7	—7.2	9.0	9.3	29.24	121	1.14	25 Sept	171	135	14	12	1	0	5	18	50	91	1	3.33	99
	Warsop	9 9	150	12.6	—	—	—	25.0	—	—	—	29.18	126	1.06	21 June	190	136	—	—	—	—	—	29	—	—	—	—	—
	Finningley	21-9	34	12.9	5.7	9.3	—0.4	26.0	—9.3	—	—	26.85	—	1.10	8 Sept	180	129	34	12	5	4	10	23	52	80	3	3.56	—
	Newtown Linford	9 9	392	12.3	4.5	8.4	—	25.6	—11.1	—	—	31.86	—	2.08	8 Sept	199	140	25	16	0	3	11	17	68	128	0	3.28	—
	Caldecott	9 9	175	13.1	4.0	8.5	—	26.1	—10.6	—	—	24.53	—	1.33	8 Sept	173	125	—	—	—	—	—	21	95	115	—	3.46	—
Northampton	Bugbrooke Mills	9 9	228	12.7	—	—	—	25.0	—	9.0	9.6	26.84	—	1.17	25 Sept	188	135	—	13	—	—	—	27	—	—	—	3.65	—
	Raunds	9 9	193	12.9	4.5	8.7	—	27.2	—12.8	9.6	9.7	26.69	117	1.35	20 July	185	143	—	—	—	—	—	78	119	—	3.48	—	
	Wittering	21-9	212	12.6	5.4	9.0	—	25.7	—12.0	—	—	24.83	—	1.10	8 Sept	177	129	34	14	3	7	12	18	61	107	6	3.97	—
	Birmingham K.E.S. *	9 9	450	12.2	5.5	8.9	—	25.0	—8.3	—	—	36.09	—	1.86	8 Sept	188	150	21	15	8	3	7	28	53	—	0	—	—
	Edgbaston	21-9	536	11.9	6.1	9.0	—0.6	25.4	—7.4	8.5	9.3	34.63	113	1.87	8 Sept	195	138	42	26	12	5	17	21	41	84	0	3.47	98
Warwick	Luddington	9 9	138	13.1	4.9	9.0	—	26.7	—11.7	—	—	27.89	118	1.41	8 Sept	184	138	23	10	8	0	4	10	80	113	2	3.90	—
	Stratford on Avon	9 9	160	13.2	4.4	8.8	—	26.7	—11.7	10.1	—	29.02	121	1.45	8 Sept	196	143	16	9	3	0	6	13	73	131	5	3.56	—
	Elmdon	21-9	319	12.4	5.0	8.7	—	25.6	—11.6	—	—	29.22	108	1.55	8 Sept	185	135	34	9	4	8	13	20	68	118	5	3.62	—
	Shipston on Stour	9 9	365	12.5	5.0	8.7	—	25.0	—8.3	9.1	—	30.80	—	1.69	21 July	203	146	22	11	6	0	9	20	62	142	—	3.75	—
	Wellesbourne	9 9	153	12.8	4.6	8.7	—	25.0	—10.0	—	—	26.68	107	1.26	8 Sept	190	139	17	—	0	3	4	75	—	4	3.58	—	
Oxford	Moreton Morrell	9 9	280	12.7	4.9	8.8	—	25.6	—8.9	—	—	27.90	—	1.20	8 Sept	186	146	13	11	3	4	9	14	63	131	10	3.70	—
	Covey	9 9	338	12.5	5.2	8.9	—0.5	26.7	—9.4	9.4	9.4	28.17	106	1.72	8 Sept	177	135	—	—	—	—	—	7	57	—	—	—	—
	Rugby	9 9	385	12.4	4.8	8.6	—0.7	25.6	—8.9	8.8	9.6	29.78	—	1.55	8 Sept	191	143	—	—	—	—	—	—	67	108	—	—	—
	Oxford	9 9	208	13.1	5.8	9.5	—0.6	27.2	—6.7	9.9	10.2	25.88	101	1.27	2 Aug	180	130	20	9	3	0	11	20	55	103	0	3.97	97
	Medmenham	9 9	98	13.5	3.9	8.7	—	26.7	—10.6	—	—	28.44	—	1.28	2 Aug	185	138	—	—	—	—	—	—	106	167	—	—	—
Stafford	Grendon Underwood	9 9	220	13.0	4.1	8.5	—	26.7	—11.7	9.6	9.9	25.07	—	1.15	25 Sept	181	135	13	3	0	1	2	—	84	131	0	3.71	—
	Bletchley	9 9	281	13.0	5.2	9.1	—	27.2	—10.0	—	—	27.73	—	1.26	25 Sept	181	135	—	—	—	—	—	—	84	131	0	3.71	—
	Aylesbury	9 9	316	12.5	4.6	8.5	—	26.7	—11.1	—	—	25.01	97	1.30	25 Sept	166	139	24	10	7	1	10	34	71	134	7	3.64	—
	Keele	9 9	587	11.4	4.9	8.1	—	23.3	—9.4	8.5	8.7	37.60	119	1.67	8 Sept	209	155	34	21	4	8	11	24	66	—	—	—	—
	Oaken	9 9	409	12.3	4.5	8.4	—	25.6	—10.6	8.6	—	31.58	—	1.72	8 Sept	183	153	—	—	—	—	—	—	—	—	—	—	—
Shropshire	Stone	9 9	350	11.9	4.3	8.1	—	24.4	—10.0	—	—	33.53	—	1.30	8 Sept	200	152	11	16	2	3	5	42	76	—	0	3.35	—
	Penkridge	9 9	330	12.1	4.6	8.3	—	25.0	—11.7	—	—	30.89	—	1.24	8 Sept	193	144	23	25	1	1	4	16	64	119	5	—	—
	Onecote	9 9	1360	9.1	3.5	6.3	—	22.2	—9.4	6.9	7.2	51.18	—	2.08	8 Sept	196	175	40	36	3	4	7	68	95	129	8	3.12	—
	Oswestry	9 9	570	11.6	5.1	8.3	—	23.9	—10.0	—	—	41.78	—	1.47	8 Sept	188	154	24	22	9	0	7	14	53	118	0	3.75	—
	Church Stretton	—	582	—	—	—	—	—	—	—	—	37.01	105	1.63	8 Sept	211	162	—	—	—	—	—	—	—	—	—	—	—
Worcester	Shrewsbury	9 9	184	12.7	5.3	9.0	—0.7	25.0	—10.6	—	10.7	30.83	120	1.40	8 Sept	213	150	21	16	6	11	11	22	58	99	10	3.53	95
	Shawbury	21-9	225	12.3	4.8	8.5	—0.9	25.6	—12.2	—	—	32.58	125	1.23	8 Sept	196	139	35	15	5	19	13	16	52	125	4	4.01	—
	Bridgnorth	—	245	—	—	—	—	—	—	—	—	—	—	1.74	8 Sept	194	144	22	13	5	0	7	—	—	—	—	—	—
	Newport	9 9	211	12.3	4.3	8.3	—0.7	24.4	—12.8	—	—	30.99	119	1.33	8 Sept	192	142	32	11	17	2	12	15	68	148	8	2.95	80
	Malvern	9 9	203	12.9	6.0	9.5	—	26.1	—9.4	10.1	10.1	31.79	108	1.34	19 July	217	133	25	8	1	0	7	33	46	88	0	3.64	88
Hereford	Worcester	9 9	190	13.1	5.2	9.1	—	25.6	—9.4	—	—	26.70	109	1.33	8 Sept	163	137	—	—	—	—	—	16	61	114	—	3.15	—

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

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal Hours of Observation	Height of Station above Mean Sea Level	AIR TEMPERATURE IN DEGREE 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		TEMPERATURE		Total Fall	Percentage 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 Max.	B Min.			Maximum	Minimum	1 ft.	4 ft.			Amount	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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TABLE III (continued)—SUMMARY OF OBSERVATIONS OF TEMPERATURE, RAINFALL, SUNSHINE AND WEATHER, YEAR 1905.

205

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 Air and Soil	Difference from Average	Highest Maximum and Lowest Minimum		TEMPERATURE		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	Minimum	Amount	Date												0.1 in. (2.5 mm.) or more	0.4 in. (10 mm.) or more
					ft.	°C	°C			°C	°C	°C	°C			°C	°C	°C	in.											
8b ENGLAND, S.W.		G.M.T.	ft.	°C	°C	°C	°C	°C	°C	°C	°C	in.	%	in.																
Somerset	Cannington	9 9	95	13.2	6.2	9.7	—	25.6	—7.8	10.6	—	—	30.12	101	—	171	137	—	—	—	—	—	—	—	—	—	—			
	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	174	135	10	2	—	—	—	—	27	37	—			
	Yeovilton	21-9	60	13.5	5.6	9.5	—	25.3	—10.0	—	—	—	31.90	—	1.37	2 Aug	164	142	15	3	8	10	3	10	59	92	10			
Dorset	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	7			
	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	—	4.01			
	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	—	58	—			
	Lyme Regis	9 9	200	13.2	5.9	9.5	—	25.3	—7.2	—	—	—	37.68	—	1.19	11 July	188	134	16	3	2	2	6	5	53	73	18			
	Weymouth	9 9	16	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			
	Winfrith	9 9	85	13.3	5.4	9.3	—	22.2	—10.0	—	—	—	37.02	—	1.31	11 July	166	127	—	—	—	—	—	8	62	101	—			
Devon	Swanage	9 9	37	13.0	6.8	9.9	—	22.8	—6.7	—	—	—	31.92	104	1.45	11 July	171	127	11	—	3	0	3	12	32	64	29			
	Poole	9 9	18	13.5	5.9	9.7	—	24.4	—8.3	—	—	—	32.74	102	1.23	7 Nov	162	125	9	4	2	3	3	10	60	93				
	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	10	5	24				
	Mount Batten	21-9	87	12.7	7.3	10.0	—0.8	23.9	—7.0	10.8	11.2	44.70	118	1.68	24 Jan	200	166	10	4	2	0	4	13	24	58					
	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					
	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					
	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					
	Ilfracombe	9 9	25	12.8	8.4	10.6	—0.5	25.6	—5.0	11.4	—	—	44.78	117	1.32	11 July	186	163	11	0	6	0	2	0	6					
	Princetown	9 9	1359	—	—	—	—	—	—	—	—	—	93.60	107	3.00	11 July	192	182	—	—	—	—	—	—	—	—				
	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				
Cornwall	Slapton	9 9	104	13.2	6.9	10.1	—	22.8	—3.9	—	—	—	45.82	—	1.31	11 July	177	142	—	—	—	—	—	—	10	23	—			
	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	—	—	—	23.9	—	—	—	—	39.68	103	1.27	28 Nov	193	142	9	0	7	2	6	3	—	24				
	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						
	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						
	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	—	—	—	—	—	12						
	Exmouth	9 9	198	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						
	Exeter	21-9	106	13.4	6.2	9.8	—	23.7	—9.6	—	—	—	31.19	93	1.39	16 Nov	186	123	14	1	8	5	5	11						
	St. Mary's, Scilly	21-9	158	13.0	9.0	11.0	—0.5	21.0	—1.5	—	—	—	37.57	115	1.03	16 June	220	152	5	1	9	6	0	12						
	Penzance	9 9	62	13.5	7.8	10.7	—0.8	21.1	—6.7	—	—	—	47.63	113	1.35	28 Nov	229	161	4	2	17	1	1	4						
Down	Culval	9 9	50	13.3	7.9	10.6	—0.6	22.2	—5.0	—	—	—	46.01	116	1.28	18 July	213	167	—	—	—	—	—	2						
	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							
	Rosewarne	9 9	250	12.6	7.5	10.1	—	22.8	—6.7	10.5	10.9	48.96	128	1.61	16 Nov	225	178	12	4	30	2	10								
	Lizard	9 9	240	12.6	7.8	10.2	—0.9	21.9	—3.6	—	—	—	38.33	116	1.43	23 Nov	219	162	13	—	9	2	8							
	Palmouth	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							
	Newquay	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	—	13	2	1							
	St. Mawgan	21-9	337	12.5	7.2	9.9	—	22.8	—8.3	—	—	—	42.05	110	1.56	11 July	208	161	13	3	10	18	3							
	St. Austell	9 9	310	12.9	7.2	10.1	—	21.7	—6.1	—	—	—	53.45	111	1.31	29 Sept	211	182	6	4	4	0	0							
	Bude	9 9	50	13.0	7.0	10.0	—0.6	25.6	—6.7	9.1	—	—	35.19	103	1.18	11 July	193	154	—	—	—	—	—	45	—					
	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						
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				
	Derrymoy 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					
Antrim	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	11.4	4.5	7.9	—	22.8	—8.3	—	—	—	40.53	—	1.15	13 Jan	244	185	26	15	12	6	2	8	60					
	Moneydig	21-9	112	11.7	4.7	8.2	—0.7	22.7	—9.6	9.5	—	—	39.84	94	1.02	17 Sept	240	180	44	12	25	11	7	10	65					
	Portrush	9 9	17	—	—	—	—	—	—	—	—	—	36.32	100	—	85	4 Aug	221	179	—	—	—	—	—	—	—				
	Lisnafillan	9 9	124	11.6	3.9	7.7	—	22.2	—12.2	—	—	—	36.66	—	—	97	24 July	224	183	24	13	1	3	1	20					
	Aldergrove	21-9	225	11.4	4.9	8.1	—1.0	22.3	—9.9	9.1	9.3	36.64	—	—	86	1 Oct	230	169	22	14	1	4	13	67						
	Greenmount	9 9	105	11.7	4.8	8.3	—	22.6	—11.1	9.3	—	—	34.40	—	—	71	31 Oct	230	160	14	9	2	0	—	61					
	Parkmore Forest	9 9	770	9.5	4.0	6.7	—	21.7	—10.0	7.7	—	—	65.72	—																

DISTRICT, COUNTY AND PLACE			Hour of Observation	Height of Barometer above Mean Sea Level	MEAN PRESSURE		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					0-4 yd.	45-210 yd.	220-430 yd.	440-1,090 yd.	1,100-2,190 yd.	2,200-4,390 yd.	3-6 mi.	7-12 mi.	13-24 mi.	25 mi. or over	FORCE (0-12)					DIRECTION																																													
												0	1	2	3	4	5	6	7	8	9											10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
			G.M.T.		ft.	mb.	mb.	°C	°C	mb.	%																					Beaufort Force																																																		
																																Speed in knots																																																		
																																8 or more	9 to 10	11 to 12	13 to 14	15 to 16																																														
																																34 or more	35 to 36	37 to 38	39 to 40	41 to 42																																														
																																43 or more	44 to 45	46 to 47	48 to 49	50 to 51																																														
																																52 or more	53 to 54	55 to 56	57 to 58	59 to 60																																														

0 SCOTLAND, N.

Zetland

Lerwick Observatory

H

3 273 1009-7

5-6 0-4 8-8 93

6-1 10 45 49 95 146 17

0 13 2 4 3 14 76 75 103 75

1 39 170 131 24 77 29 22 30 58 42 40 43

Orkney

Kirkwall

H

3 86 1010-1

6-0 0-6 8-8 91

6-0 5 20 54 108 170 104 9

0 10 5 7 5 18 57 82 100 81

1 45 181 125 13 66 40 27 39 64 49 46 41

Caithness

Wick

H

3 121 1010-2

7-3 1-0 9-0 85

6-1 6 41 39 160 95 4

0 2 2 0 4 9 54 72 118 104

4 4 1 196 120 6 50 20 28 64 51 32 59 55

Sutherland

Cape Wrath

H

3 371 1009-2

7-3 1-0 8-9 85

5-9 13 33 73 102 126 18

1 11 3 3 3 1 37 33 46 228 12

41 129 164 19 49 30 58 24 30 79 45 31

Ross & Cromarty

Stornoway

H

3 16 1010-5

6-6 0-6 9-2 91

5-2 31 66 50 109 109 0

0 0 1 0 2 6 40 140 117 59 3

22 125 179 36 48 20 35 28 64 48 43 43

Inverness

Benbecula

H

3 21 1010-4

7-3 0-7 9-5 89

5-4 24 59 55 102 123 2

0 0 1 3 3 3 7 104 111 103 4

28 167 147 19 55 42 28 39 74 45 36 27

1 SCOTLAND, E.

Moray

Kinloss

H

3 19 1011-0

6-1 0-9 8-5 86

5-8 23 36 57 138 111 0

0 1 3 1 4 16 46 82 124 88 3

13 129 198 22 19 6 49 18 45 115 54 37

Aberdeen

Dyce

H

3 193 1010-9

7-4 0-7 8-3 88

5-6 23 56 52 108 109 18

0 8 6 11 21 24 68 67 83 87 0

8 130 153 74 23 11 22 51 38 61 58 68

Fife

Leuchars

H

3 38 1011-0

7-5 1-0 8-9 82

6-0 3 52 46 162 98 4

0 6 3 5 2 2 5 105 131 108 3

11 110 141 43 40 18 22 25 63 81 20

Midlothian

Turnhouse

H

3 144 1011-6

7-0 1-0 9-0 85

5-8 18 58 52 123 110 4

0 2 2 2 2 16 16 44 80 108 7

30 23 98 187 57 15 56 34 3 20 93 74 13

6a SCOTLAND, W.

Argyll

Tiree

H

3 34 1010-6

7-9 0-9 9-7 88

5-4 24 68 47 100 125 1 0

1 1 2 4 10 59 106 76 106 5

59 171 95 35 52 24 28 50 50 43 42

Renfrew

Renfrew

H

3 29 1011-5

6-5 0-8 9-0 88

5-5 28 47 64 90 131 2 0

1 4 8 13 25 90 104 101 18 0

7 176 95 8 51 36 7 28 51 81 8

Lanark

Lowther Hill

H

3 69 1011-3

6-2 0-6 9-0 91

5-3 35 44 66 105 114 1 0

0 1 1 2 11 99 142 130 9 2

110 129 199 29 18 41 58 35 46 53 52

Ayre

Prestwick Airport

H

3 69 1011-0

8-0 1-2 9-5 84

5-7 5 58 56 144 100 2 0

0 0 2 2 19 78 118 61 1 17

166 8 15 34 34 30 43 55 97 49

Dumfries

Eskdalemuir Observatory

H

3 778 1012-3

4-4 0-5 8-1 91

5-6 41 44 41 78 152 9 0

4 10 9 19 26 95 101 87 14 0

6 57 190 112 50 47 12 5 41 45 33 20

Wigtown

Mull of Galloway

H

3 260 1012-1

7-6 0-5 9-9 92

5-1 52 49 53 85 112 14 3

11 0 2 2 1 11 56 73 185 20

18 69 139 125 14 78 17 35 28 53 55 52 33

6b ISLE OF MAN

Isle of Man

Ronaldsway

H

3 68 1012-1

7-8 0-9 9-6 88

5-4 33 59 36 112 117 8 0

0 3 7 5 23 54 101 91 81 14

57 140 133 21 57 46 37 26 26 43 73 36

2 ENGLAND, N.E.

Northum-berland

Acklington

H

3 151 1011-5

6-1 0-7 9-8 89

5-3 42 41 64 83 127 8 0

4 5 6 14 33 62 80 116 43 1

17 90 212 45 41 22 12 18 40 63 80 44

Tynemouth

H

3 130 1012-2

8-1 0-8 9-9 88

5-1 42 35 77 139 70 2 0

0 2 2 3 3 29 104 199 23 3

40 170 137 15 37 43 25 52 35 54 67 37

Seahouses

H

3 41 1012-0

8-2 1-4 9-1 81

5-9 3 51 65 112 127 7 3

5 3 8 11 34 62 111 73 55 3

22 125 170 45 62 23 25 33 41 40 72 24

Yorks., N. Riding

Whitby Coastguard

H

3 210 1012-0

8-3 1-2 9-4 83

5-9 6 47 56 156 91 9 1

6 0 4 8 19 108 162 56 1 6

34 167 150 8 42 25 29 29 66 59 56 51

Yorks., E. Riding

Leconfield

H

3 28 1012-8

6-6 0-7 9-1 90

5-5 38 46 44 92 130 15 1

1 5 3 7 18 61 93 90 60 17 0

14 156 218 59 40 18 24 20 43 48 94 43

Kilnsea

H

3 51 1012-4

8-5 1-0 9-9 86

6-0 12 22 82 50 144 6 3

3 1 10 2 12 93 233 8 0

7 41 177 128 12 37 23 26 42 52 91 57

Lincoln

Waddington

H

3 227 1013-0

8-5 0-7 9-2 90

5-2 63 34 52 73 133 10 2

11 7 10 24 49 136 82 35 9

0 6 93 253 13 49 24 63 24 46 73 66 26

207

[illegible]

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)					DIRECTION																
										0	1	3	6	9	0-44 yd.	45-210 yd.	220-430 yd.	440-1,080 yd.	1,100-2,160 yd.	2,200-4,390 yd.	3-5 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.				
																									Speed in knots																
																									8 or more	9	10	11	12												
																																						0	1	2	3
5 ENGLAND, S.E.—cont.																																									
Kent	West Malling	H	3	309	1013.9	—	6.9	0.7	9.3	89	5.0	70	42	39	69	129	18	2	13	5	14	15	45	125	126	20	0	0	3	71	260	31	66	37	10	6	34	71	77	33	
			9	309	1014.3	—	9.1	1.4	10.0	82	5.9	13	42	60	124	116	10	0	9	3	8	10	49	116	108	55	7	0	2	110	235	18	60	41	24	8	40	78	67	29	
			15	309	1013.5	—	11.7	2.6	10.1	71	6.0	13	25	69	152	105	1	0	0	1	4	5	11	89	133	89	33	0	4	149	266	6	55	41	29	6	45	79	25	29	
			21	309	1014.2	—	8.2	1.1	9.7	85	4.9	48	65	40	93	114	5	0	5	2	4	12	31	147	127	34	3	0	3	80	260	22	47	41	17	9	44	80	79	26	
			3	42	1013.5	—	8.1	0.8	10.0	88	5.2	77	26	38	66	147	11	0	2	5	11	7	18	116	100	105	1	2	27	143	184	9	49	19	35	14	42	62	100	35	
	Dungeness	H	H	9	42	1013.9	—	9.8	1.3	10.6	84	5.7	18	52	53	112	120	10	0	5	1	7	6	23	121	104	93	5	2	44	163	150	6	55	26	46	17	37	77	75	26
				15	42	1013.6	—	11.2	1.9	10.9	77	5.5	23	46	75	110	108	3	0	0	4	2	0	6	98	122	125	8	4	42	189	129	1	46	21	59	11	46	98	66	17
				21	42	1013.9	—	9.2	1.0	10.5	86	5.0	60	50	50	66	131	8	0	0	6	3	1	11	106	102	132	4	2	41	142	167	13	39	30	49	12	41	67	93	21
				3	148	1013.7	—	7.8	0.9	9.9	84	5.1	66	32	53	72	135	7	2	0	0	7	18	28	115	120	65	4	0	17	133	201	14	41	24	28	30	47	91	59	31
				9	148	1014.2	—	9.8	1.3	10.6	83	5.6	19	49	59	130	104	4	0	0	5	0	1	11	28	133	102	60	21	1	21	179	154	10	40	29	30	36	39	78	65
Manston	H	H	15	148	1013.7	—	11.4	2.2	10.5	85	5.6	14	49	73	133	95	1	0	1	1	0	3	21	116	117	94	22	1	34	183	139	8	39	29	48	31	39	81	51	39	
			21	148	1014.1	—	8.7	1.1	10.1	85	5.2	37	52	61	100	114	1	0	1	0	0	3	24	133	117	82	5	2	22	145	187	9	36	27	44	35	51	101	36	29	
			3	35	1014.2	—	7.7	0.6	10.1	91	4.9	82	38	36	74	130	5	1	3	1	4	23	39	104	138	50	2	0	8	65	246	46	52	28	46	3	17	39	88	46	
			9	35	1014.6	—	9.6	1.2	10.7	85	5.6	22	51	49	144	98	1	0	1	0	5	14	46	116	99	57	27	0	5	88	242	30	34	40	45	16	24	45	93	38	
			15	35	1014.0	—	12.0	2.2	11.0	75	5.7	15	48	57	147	97	1	0	0	1	3	3	21	99	103	90	45	0	12	131	215	7	37	23	34	29	43	86	78	28	
East Hoathly	H	H	21	35	1014.6	—	9.0	0.9	10.5	87	5.1	52	57	43	89	120	4	0	4	2	3	16	45	118	119	53	5	0	4	83	237	41	32	30	47	9	19	48	94	45	
			9	133	1014.6	—	9.3	1.1	10.5	85	5.9	21	45	39	141	112	7	0	4	3	12	21	51	132	78	58	6	0	9	97	240	19	52	17	41	22	33	49	104	28	
			15	133	1014.3	—	11.7	2.1	10.8	76	5.9	17	35	53	156	103	1	0	0	0	4	9	32	128	110	79	3	1	14	121	220	9	40	26	36	18	48	75	94	19	
			21	133	1014.6	—	8.1	0.7	10.1	89	4.8	38	57	50	83	114	3	1	3	7	6	23	26	149	86	59	5	0	10	60	215	80	40	12	53	17	39	42	72	10	
			3	234	1013.8	—	6.6	0.6	9.3	91	5.1	69	37	46	62	145	6	0	2	11	28	60	89	131	112	14	1	0	5	64	197	99	42	24	15	22	22	51	60	30	
Abingdon	H	H	9	234	1014.1	—	8.7	1.3	9.9	84	6.0	14	39	50	141	113	8	1	11	2	7	18	60	89	101	71	5	0	2	118	195	50	37	43	24	20	34	54	75	28	
			15	234	1013.3	—	12.1	2.8	10.0	69	6.0	18	31	50	153	113	0	0	1	4	6	26	78	123	111	115	15	0	9	140	197	19	47	37	25	19	41	66	80	31	
			21	234	1014.1	—	8.6	1.2	9.8	84	5.0	52	48	83	86	113	3	0	4	1	4	12	56	123	121	43	1	0	4	63	212	66	41	35	19	18	32	60	66	28	
			3	46	1013.9	—	7.1	0.7	9.6	90	4.7	93	41	24	85	110	12	0	7	6	10	12	38	108	120	59	5	0	6	58	231	70	47	29	16	11	31	65	56	40	
			9	46	1014.3	—	9.5	1.4	10.3	83	5.6	18	59	49	134	101	4	0	1	4	4	11	63	122	87	77	16	0	3	116	214	32	47	36	25	19	38	57	71	40	
S. Farnborough	H	H	15	46	1013.7	—	12.3	2.6	10.4	70	5.5	20	58	67	133	87	0	0	0	0	4	31	102	98	89	41	0	7	164	192	2	43	30	27	20	70	75	61	37		
			21	46	1014.3	—	8.8	1.1	10.2	85	4.9	49	63	41	104	104	4	0	1	4	4	17	51	133	94	55	6	0	5	68	245	47	31	34	23	17	31	72	73	37	
			3	231	1014.1	—	6.8	0.6	9.4	91	5.0	88	24	31	74	136	12	1	9	5	4	17	63	125	57	61	18	0	10	76	213	66	32	22	21	24	33	63	81	23	
			9	231	1013.6	—1.4	9.1	1.3	10.1	83	5.9	24	29	59	137	106	10	1	6	4	7	16	39	97	62	59	74	0	4	113	218	30	36	27	38	21	35	67	84	27	
			15	231	1013.6	—	12.2	2.7	10.3	70	5.9	15	28	61	160	101	0	0	0	2	7	2	20	80	98	85	73	0	11	160	188	6	47	28	32	31	34	80	73	34	
Lyneham	H	H	21	231	1013.3	—	8.7	1.2	10.0	85	5.1	53	43	58	96	114	1	0	6	20	50	137	56	53	42	0	8	8	88	222	47	25	39	33	27	43	73	67	21		
			3	489	1014.0	—	8.7	1.2	9.8	84	5.0	52	48	83	86	113	3	0	4	1	4	12	56	123	121	43	1	0	4	63	212	66	41	35	19	18	32	60	66	28	
			9	489	1014.3	—	8.1	1.0	9.8	87	6.3	7	35	45	157	107	14	0	12	8	7	20	38	97	87	74	22	0	5	118	229	13	37	52	22	9	61	83	66	22	
			15	489	1013.6	—	11.1	2.3	10.1	74	6.0	10	30	61	165	99	0	0	0	1	2	8	19	74	100	96	65	0	24	154	185	2	49	48	14	22	50	78	85	25	
			21	489	1014.3	—	8.1	1.1	9.7	85	5.2	36	64	47	97	112	9	1	7	0	8	12	33	106	116	69	13	0	11	96	250	8	37	35	27	19	59	80	69	31	
Boscombe Down	H	H	3	419	1014.2	—	6.6	0.6	9.4	91	5.0	74	43	36	68	131	13	1	10	8	10	14	35	140	107	39	1	0	11	103	200	51	39	20	43	18	46	42	72	34	
			9	419	1014.0	—	8.7	1.9	10.0	85	5.8	15	46	54	129	111	10	0	8	3	8	11	40	102	105	50	38	0	11	156	175	23	47	24	49	21	42	42	83	34	
			15	419	1013.7	—	11.2	2.6	10.0	71	5.7	16	45	70	126	105	1	0	0	2	2	0	17	78	120	86	80	0	30	194	136	5	50	19	40	28	40	60	91	32	
			21	419	1014.5	—	8.0	1.0	9.8	86	4.9	63	54	37	98	106	7	1	1	3	6	9	26	147	108	53	11	0	16	106	222	19	38	20	43	29	52	51	76	37	
			3	92	1012.5	—	6.2	0.7	8.9	89	5.3	41	55	49	90	125	5	0	5	0	3	11	42	124	127	52	1	1	6	63	206	19	55	27	59	28	24	46	71	6	
C																																									

209

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*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	
6a	SCOTLAND W.—cont.		°C		°C		°C		°C	3	ENGLAND, E.—cont.		°C		°C		°C		°C
	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	14.4	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
											Malham Tarn	May 14	22.8	July 21	13.9	Mar. 1, 3	-2.8	Mar. 3	-11.1
											Huddersfield	May 13	26.7	July 13	15.0	Mar. 1, Nov. 15, 16	0.6	Mar. 3	-10.6
2	ENGLAND, N. E.										Huddersfield (Oakes)	May 13	26.3	Aug. 15	14.0	Mar. 2, 3	-0.3	Mar. 3	-9.3
	Kielder Castle	May 14	24.4	June 21	14.4	Mar. 2 Dec. 27, 28	-1.7	Mar. 2	-13.9		Bradford	—	—	July 13, Aug. 15	14.4	Dec. 27	-0.6	Mar. 2, 3	-8.3
	Haydon Bridge	May 14	25.6	Aug. 18	15.6	Jan. 29	-2.2	Mar. 2	-16.1		Ilkley	May 13	26.7	July 13	15.0	Mar. 1	0.0	Mar. 3	-11.7
	Corbridge	May 13	25.6	Aug. 4, 12, 18	14.4	Jan. 29, Mar. 2	-0.6	Mar. 2	-15.0		Harrogate	May 13	25.6	June 13	14.4	Mar. 1, 3, Dec. 27	0.6	Mar. 3	-12.8
	Berwick-on-Tweed	May 13	22.2	Sept. 22	14.4	Mar. 1, 2, Dec. 27	0.6	Mar. 2	-7.8		Sheffield	May 14	26.7	May 14, July 13	14.4	Mar. 2	0.0	Mar. 3	-8.3
	Cockle Park	May 13	22.8	June 30	13.9	—	—	Mar. 3	-8.3		Wakefield	May 13, 14	27.8	Aug. 15	15.6	Mar. 1	0.6	Mar. 3	-9.4
	Acklington	May 13	23.6	Aug. 16	13.1	Dec. 27	-0.4	Mar. 3	-9.3		Rotherham	May 14	26.1	June 13	15.6	Mar. 2, 3, Dec. 27	0.6	Mar. 3	-10.0
	Tynemouth	May 13	23.6	June 30	15.8	Dec. 27	-0.3	Mar. 3	-8.0		Pontefract	May 13, 14	25.0	June 15, Sept. 16	15.0	Mar. 1	0.0	Mar. 3	-8.9
	Seahouses	May 13	23.4	Sept. 22	14.4	Dec. 27	-0.2	Mar. 2	-9.4		Bramham	May 13	25.6	Aug. 15, 16, Sept. 16	13.9	Mar. 2	-1.1	Mar. 3	-11.1
	Chopwellwood	May 14	26.7	Aug. 12, 16	13.9	Mar. 2	1.1	Mar. 3	-10.6		Cawood	May 13, 14	26.1	Sept. 16	15.0	Mar. 2	-1.1	Mar. 3	-13.3
	Ushaw	May 13	25.0	June 30, July 24	13.3	Dec. 27	-2.2	Mar. 3	-11.7		Askham Bryan	May 14	25.6	Aug. 16, Sept. 16	14.4	Mar. 2	-0.6	Mar. 3	-10.0
	Houghall	May 13	26.1	Aug. 6, 16	13.9	Mar. 2	0.0	Mar. 3	-20.0		Buxton	May 14	24.4	July 13	12.8	Mar. 2, Dec. 27	-1.7	Mar. 3	-10.6
	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		Chapel-en-le-Frith	May 14	25.6	Sept. 16	13.3	Mar. 3	-0.6	Dec. 28	-12.2
	West Hartlepool	May 13	26.1	Sept. 16	14.4	Dec. 27	0.6	Mar. 3	-10.0		Mackworth	May 14	25.6	June 12, July 13, 19, 29	15.6	Mar. 2	-0.6	Mar. 3	-13.9
	Dishforth	May 13	27.0	Sept. 16	15.2	—	—	Mar. 3	-11.1		Belper	May 14	26.7	June 21	15.0	Jan. 29	0.5	Mar. 3	-13.3
	Thirsk	May 13	25.6	Sept. 16	15.0	Mar. 3	0.0	Mar. 3	-11.7		Derby	May 14	27.2	June 13, 29	15.0	Nov. 15	0.6	Mar. 3	-12.8
	York	May 13, 14	24.4	Aug. 16	15.0	Dec. 28	-1.1	Mar. 3	-9.4		Morley	May 14	26.1	—	—	Mar. 1, 2, Nov. 15, Dec. 27	0.0	Mar. 3	-11.1
	Ampleforth	May 13, 14	23.9	June 15	14.4	Jan. 4	-0.6	Mar. 3, Dec. 29	-10.6		Chesterfield	May 14	27.8	June 13	15.0	Dec. 27	0.0	Mar. 3	-12.2
	Redcar	May 13	26.7	Aug. 12	15.6	Mar. 2	0.6	Mar. 3	-8.9		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
	Pickering	May 14	25.0	June 15, Aug. 15	14.4	Jan. 4	-0.6	Mar. 3	-15.0		Watnall	May 14	27.6	June 13, Sept. 16	14.3	Nov. 15	-1.4	Mar. 3	-10.6
	Whitby	May 13, 14	25.6	June 15	14.4	Mar. 2, 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
	Scarborough	May 13	25.0	Sept. 16	15.0	Dec. 27	0.6	Mar. 3	-6.1		Mansfield	May 14	27.8	June 13	15.0	Mar. 2, Nov. 15	0.0	Mar. 2, 3	-7.8
	Silpho Moor	May 13	24.4	May 14, June 15	12.8	Dec. 27	-1.1	Mar. 3	-8.3		Nottingham	May 14	26.7	June 29	16.1	Jan. 26, Mar. 1, 2, 4, Nov. 15, Dec. 28	1.7	Mar. 3	-7.2
	Whitby C.G.	Mar. 29	25.0	Aug. 12	15.1	Mar. 1	0.8	Mar. 3	-8.5		Warsop	May 14	25.0	June 15, Sept. 16	14.4	Mar. 2, Nov. 15, Dec. 27	0.6	Mar. 3	-13.9
	High Mowthorpe	May 13	23.3	Sept. 16	13.9	Mar. 2	-1.7	Mar. 3	-8.9		Finningley	May 14	26.0	Aug. 15	15.5	Jan. 22, Nov. 29	1.5	Mar. 3	-9.3
	Hull	May 13, 14	24.4	June 15, July 13, Aug. 12, 15	15.0	Dec. 27	1.1	Mar. 2, 3	-6.1		Newtown Linford	May 14	25.6	Sept. 16	14.4	Nov. 14, 15	-0.5	Mar. 3	-11.1
	Leconfield	May 13, 14	24.0	Sept. 16	15.3	Dec. 27	0.4	Mar. 3	-9.4		Caldecott	May 14	26.1	Sept. 16, July 13, 14, 29, Sept. 16	13.9	Nov. 15, Dec. 27	0.0	Mar. 3	-10.6
	Filey	May 13	23.3	Sept. 16	14.4	Dec. 27	0.0	Mar. 3	-9.4		Bugbrooke Mills	May 14	25.0	July 13	13.9	Nov. 15	-0.5	—	—
	Bridlington	Mar. 29, May 14, June 28, Aug. 5	21.7	Sept. 16	14.4	Mar. 1	-0.6	Mar. 3	-7.8		Raunds	May 14	27.2	July 13	15.0	Dec. 27	-0.5	Mar. 3	-12.8
	Kilnsea	Aug. 5	22.0	Aug. 5, 19	15.0	Dec. 27	-1.0	Mar. 3, Dec. 28	-5.0		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
	Navenby	May 14	25.6	June 13, Sept. 16	15.0	—	—	Mar. 3	-11.7		Wittering	May 14	25.7	June 13, 29	15.1	Nov. 15	-2.0	Mar. 3	-12.0
	Waddington	May 14	25.0	June 13	14.9	Nov. 15	-0.7	Mar. 3	-9.1		Birmingham (K.E.S.)	May 14	25.0	June 12, 29	14.4	Mar. 2	-0.6	Mar. 3	-8.3
	Lincoln	May 14	26.1	June 12, 13	15.0	Dec. 27	-0.6	Mar. 2	-9.4		Edgbaston	May 14	25.4	Aug. 15	14.4	Nov. 15	-0.9	Mar. 3	-7.4
	Cranwell	May 14	24.9	June 13, Aug. 15	14.8	Mar. 3	-1.0	Mar. 3	-9.9		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
	Brigg	May 14	26.1	Aug. 15	14.4	Dec. 27	0.0	Mar. 3	-8.9		Stratford-on-Avon	May 14	26.7	June 13, July 13, Sept. 16	14.4	Mar. 4	-0.6	Mar. 3	-11.7
	Cleethorpes	May 14	25.0	Aug. 15	15.6	Mar. 3, Dec. 27, 28	1.1	Mar. 3	-7.2		Elmdon	May 14	25.6	June 29	14.7	Nov. 15	-1.7	Mar. 3	-11.6
	Manby	May 14	25.0	Aug. 15	14.9	Mar. 3	-0.4	Mar. 3	-12.6		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
	Skegness	May 9, Aug. 19	25.0	Aug. 15	15.6	Mar. 2, 3, Dec. 27	0.6	Mar. 3	-13.3		Wellesbourne	May 14	25.0	June 29, Sept. 16	14.4	Mar. 4	-0.6	Mar. 3	-10.0
3	ENGLAND, E.										Moreton Morrell	May 14	25.6	June 13, Sept. 16	14.4	Dec. 27	-0.5	Mar. 3	-8.9
	Terrington St. Clement	May 14	27.2	July 24	15.6	Mar. 3	-0.6	Mar. 3	-14.4		Coventry	May 14	26.7	June 29	15.0	Nov. 15, Dec. 27	0.0	Mar. 3	-9.4
	Marham	May 14	26.3	July 13	15.4	Nov. 15	-1.6	Dec. 29	-8.6		Rugby	May 14	25.6	June 29	15.0	Mar. 4, Nov. 15	-0.6	Mar. 3	-8.9

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

211

*DISTRICT AND PLACE	WARMEST				COLDEST				*DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY	Highest Maximum and date	NIGHT	Highest Minimum and date	DAY	Lowest Maximum and date	NIGHT	Lowest Minimum and date		DAY	Highest Maximum and date	NIGHT	Highest Minimum and date	DAY	Lowest Maximum and date	NIGHT	Lowest Minimum and date
4 MIDLAND COUNTIES—cont.		°C		°C		°C		°C	5 ENGLAND, S.E.—cont.		°C		°C		°C		°C
Preston Wynne	Aug. 12	25.6	Sept. 16	14.4	Mar. 4	—0.6	Mar. 7	—12.2	Alice Holt Lodge	May 14	26.1	July 13, Aug. 19, Sept. 25	14.4	Mar. 4	—1.1	Mar. 7	—10.6
Avonmouth	—	—	July 11, 13, Aug. 5, 9	15.6	Mar. 4	—0.6	Mar. 3	—6.1	South Farnborough	May 14	27.3	Sept. 25	15.1	Mar. 4	—0.8	Mar. 3	—11.0
Filton	May 14	25.9	Aug. 19	15.5	Mar. 3	—13.6	Mar. 3	—8.3	St. Catherine's Point	Aug. 17	22.8	Aug. 12	16.5	Dec. 27	2.0	Mar. 3	—4.5
Hempsted	May 14, Aug. 12	26.1	Aug. 15, 19	15.6	Mar. 4	—0.6	Mar. 3	—9.4	Ventnor	Aug. 16, 17	21.1	Aug. 12	16.1	Jan. 3	0.0	Mar. 3	—5.6
Gloucester	May 14	27.2	Aug. 19	16.1	Mar. 4	—0.5	Mar. 3	—8.5	Shanklin	May 14	23.3	Aug. 13, 19	16.1	Jan. 3, 28, Feb. 21	1.7	Mar. 3	—7.2
Cheltenham	May 14	26.7	Aug. 14, 15	15.6	Dec. 27	—1.1	Mar. 3	—7.8	Sandown	June 29	22.8	Aug. 13	16.7	Dec. 27	—2.8	Mar. 3	—7.8
Cirencester	May 14, Aug. 12, 13	24.4	June 13, July 13, Aug. 14, 19	13.9	Nov. 15	—0.5	Mar. 3	—10.0	Ryde	May 14	23.9	Aug. 12	16.7	Mar. 2	1.7	Mar. 3	—5.0
Little Rissington	May 14	24.6	July 13, Aug. 19	13.9	Nov. 15	—2.9	Mar. 3	—7.5	Lacock	Aug. 12, 13	25.6	Aug. 4, 19	15.0	Mar. 4	—0.6	Mar. 3	—10.0
5 ENGLAND, S.E.									West Lavington	May 14	25.0	July 11, 12, 13, Aug. 19	13.9	Nov. 15	—1.7	Mar. 7	—9.4
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	Lyneham	May 14, Aug. 12	24.8	Sept. 25	14.5	Nov. 15	—2.8	Mar. 3	—8.0
St. James Park	May 14	27.8	Aug. 14	16.7	Mar. 4	0.6	Dec. 28	—5.6	Chiseldon	May 14	26.1	June 13, July 12, 13, 14, Oct. 8	13.9	Mar. 4	—1.7	Mar. 3	—9.4
Regents Park	May 14	27.8	July 13, Aug. 19, Sept. 25	15.6	Mar. 4	0.6	Mar. 3, Dec. 29	—6.7	Larkhill	May 14	25.4	July 12	14.2	—	—	—	—
Camden Square	May 14	29.4	Aug. 19	16.1	Mar. 4	0.6	—	—	Boscombe Down	May 14	25.4	July 12	14.8	Mar. 4	—1.0	Mar. 3	—9.6
Greenwich M.M.	May 14	27.8	July 13	16.1	Dec. 27	0.6	Mar. 3	—6.7	Upavon	May 14	24.8	July 12	14.5	Mar. 4	—1.5	Mar. 3	—8.3
London Airport	May 14	27.4	Aug. 12	16.0	Mar. 4	—0.3	Mar. 3	—7.4	Porton	May 14	25.5	July 12	14.2	Mar. 4	—0.9	Mar. 7	—10.5
Hampton	May 14	27.2	July 13, Aug. 4, 19	15.6	Mar. 4	0.0	Mar. 3, Dec. 28	—6.7	7a ENGLAND, N.W.								
Southgate	May 14	28.3	Aug. 19	15.6	Mar. 4	0.0	Mar. 3	—6.7	Sellafield	Aug. 12	25.0	Aug. 12, 14	16.1	Jan. 3	1.1	Mar. 2	—7.2
Wisley	May 14	27.2	June 13	15.6	Dec. 27	0.6	Mar. 3, Dec. 28	—8.3	Carlisle	Aug. 12	24.1	Aug. 12	16.2	Dec. 28	—2.0	Mar. 2	—16.2
Mickleham	May 14	26.1	July 13	15.0	Nov. 15, Dec. 28	—0.5	Dec. 28	—12.2	Newton Rigg	May 13	23.3	Aug. 16	14.4	Mar. 2	—2.2	Mar. 2	—13.9
Kew	May 14	27.1	July 13	16.1	Mar. 4	0.1	Dec. 28, 29	—6.1	Spadeadam	May 14, Oct. 5	21.7	Aug. 12	13.3	Mar. 2	—3.3	Mar. 2	—12.8
Gatwick	May 14	26.3	July 13	14.8	Mar. 4	—0.2	Mar. 3	—11.3	Ambleside	May 13, Aug. 16	24.4	Aug. 16	15.0	Mar. 1, 3, Dec. 28	0.6	Mar. 2	—8.9
Waddon	May 14	27.2	July 12, 13, 29, Aug. 12, 16	15.0	Mar. 4, Dec. 27	0.6	Dec. 28	—7.8	Great Dun Fell	Aug. 12	19.1	Oct. 6	11.7	Mar. 3, Nov. 25	—7.0	Mar. 2	—11.8
Addington	May 14	26.7	July 13, Aug. 12	14.4	Mar. 4	—0.6	Mar. 3, Dec. 28	—6.7	Moor House	May 14	22.2	Aug. 16	12.2	Mar. 2	—6.1	Mar. 2	—16.1
Bromley	May 14	27.8	July 13	15.6	Jan. 28	0.6	Dec. 28	—7.2	Squires Gate	Aug. 13	25.6	Aug. 19	14.6	Dec. 28	0.8	Mar. 2	—8.7
Swanley	May 14	27.2	July 13	15.0	Dec. 27	0.0	Mar. 3	—8.9	Urwick	May 13, 14	24.4	Aug. 12	15.0	Mar. 1	0.6	Mar. 2	—9.4
Dartford	May 14	27.8	July 13	15.6	Dec. 27, 28	0.6	Dec. 28	—8.3	Southport	May 13	25.0	Aug. 13, 21, Aug. 12, 19	14.4	Jan. 3, 25, Mar. 2, Dec. 28	1.1	Mar. 2	—8.9
West Malling	May 14	25.2	Sept. 25	14.9	Mar. 4	—0.9	Dec. 29	—9.4	Poulton-le-Fylde	May 13	25.0	June 18, July 13	15.0	Mar. 2	—0.6	—	—
Goudhurst	May 14	26.7	July 12, Aug. 16, 27	14.4	Dec. 27	0.0	Dec. 28	—9.4	Grizedale	Aug. 12	25.6	July 21, Aug. 16	13.3	Mar. 2, 3	0.6	Mar. 2	—12.2
East Malling	May 14	26.1	July 12, Aug. 16	15.0	Dec. 27	0.6	Dec. 29	—8.3	Speke	Aug. 12	25.8	July 13	15.3	Mar. 2	0.6	Mar. 3	—7.3
Gillingham	May 14	26.1	May 15, Aug. 16, 19	15.6	Dec. 28	0.6	Dec. 29	—7.8	Kirkham	May 13, Aug. 12	25.0	Aug. 15	15.0	Mar. 1	0.6	Mar. 2	—10.6
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	Garstang	Aug. 12	24.4	Aug. 12	16.7	Mar. 2	0.0	Mar. 2	—10.0
Isle of Grain	May 14	25.0	Aug. 12, 14, 16, 19	16.1	Nov. 22	1.1	Mar. 3	—5.6	Morecambe	Aug. 12	25.6	Aug. 12	16.7	Dec. 27	0.6	Dec. 28	—8.3
Faversham	May 14	26.1	July 12, Aug. 16, 19	15.0	Mar. 2, Dec. 28	0.6	Dec. 29	—7.2	Penketh	May 13, 14	25.6	July 13	14.4	Jan. 4	0.0	Mar. 2	—8.3
Dungeness	Aug. 11	21.3	Aug. 14	15.9	Feb. 21, Mar. 2	1.7	Mar. 3	—8.7	Preston	May 13, Aug. 12	25.0	Aug. 12	15.0	Dec. 27	0.6	Mar. 2	—9.4
Wye	—	—	—	—	Feb. 20, Mar. 3, Dec. 28	1.1	Dec. 29	—7.8	Stonyhurst	May 13, 14	25.0	Aug. 12, 15	14.4	Mar. 1	0.0	Mar. 2	—8.9
Whitstable	May 14	26.7	July 12, Aug. 16, Sept. 25	15.6	Mar. 2	1.1	Dec. 29	—7.2	Helmsore	May 14	23.9	Aug. 12	15.0	Mar. 2	—1.7	Mar. 3	—8.9
Folkestone	Aug. 5, 13	22.8	Aug. 16	15.6	Feb. 21, Mar. 2	1.1	Mar. 3	—6.1	Burnley	May 14	25.0	July 13, Aug. 12	13.3	Mar. 2	—1.1	Mar. 2	—11.1
Elmstone	May 14	26.7	Aug. 16	15.6	Dec. 28	0.0	Dec. 29	—8.3	Nelson	May 14	25.0	July 13, Aug. 16	13.9	Mar. 2	—1.1	Mar. 2	—10.6
Herne Bay	May 14	27.2	Aug. 16	16.7	Mar. 2	1.1	Mar. 3, 4	—4.4	Rochdale	May 14	25.0	July 13	14.4	Dec. 26	0.0	Jan. 4, Mar. 3	—8.9
Dover	Aug. 13	22.8	Aug. 14, 16, 19	16.1	Feb. 20, 21, Mar. 4	1.7	Mar. 3	—5.0	Bidston	Aug. 12	25.6	Aug. 14	15.6	Mar. 2	0.0	Mar. 3	—7.2
Deal	Aug. 14	24.8	Aug. 16	16.1	Mar. 4	0.4	Mar. 3	—4.6	Winnington	May 13, 14	25.6	Aug. 14	15.6	Dec. 27	0.0	Mar. 3	—7.8
Manston	Aug. 14	24.4	Aug. 16	15.5	Mar. 4	—0.5	Dec. 29	—4.6	Knutsford	May 14	26.7	Aug. 12	13.9	Dec. 27	—0.6	Dec. 28	—8.3
Ramsgate	Aug. 5	24.4	Aug. 16	16.1	Mar. 3	1.1	Mar. 3	—3.9	Ringway	Aug. 12	25.0	Sept. 25	14.8	Dec. 28	—1.1	Dec. 29	—7.2
Margate	May 14	25.0	May 15	16.7	Mar. 2	0.6	Mar. 3	—3.9	Macclesfield	May 14	26.1	Aug. 12, 14	15.0	Jan. 3	—0.6	Mar. 2	—7.8
Thornely Island	Aug. 12	24.6	Aug. 19	16.5	Mar. 4	0.7	Mar. 3	—6.6	7b NORTH WALES								
Bognor Regis	Aug. 12	22.2	Aug. 19	16.1	Mar. 4	1.1	Mar. 3, Dec. 28	—6.1	Rhyl	Aug. 12	26.7	Aug. 14	16.1	Mar. 2, 3	1.1	Mar. 2	—10.6
Fernhurst	May 14, Aug. 13	25.6	Aug. 28	16.1	Mar. 4	0.0	Mar. 7	—10.6	Prestatyn	May 13, Aug. 12	25.6	Aug. 12	16.1	Mar. 1, 2	0.6	Mar. 2	—7.8
Littlehampton	Aug. 12	23.3	Aug. 19	17.8	Mar. 4	0.6	Mar. 3, Dec. 29	—6.7	Hawarden Bridge	Aug. 12	25.6	June 13	15.6	Mar. 1, 2, Nov. 14, 15	1.1	Mar. 3	—11.7
Rustington	Aug. 12	23.3	Aug. 19	16.1	Mar. 5	0.0	Mar. 3	—6.7	Valley	Aug. 13	27.8	Aug. 14	15.8	Mar. 2	1.9	Mar. 2	—4.5
Worthing	June 29, Aug. 12	22.8	Aug. 14	17.2	Mar. 4	0.0	Mar. 3	—5.6	Colwyn Bay	Aug. 12	26.1	Aug. 12, 14	15.6	Mar. 1	1.1	Mar. 2	—7.8
Brighton	Aug. 29	25.0	Aug. 12, 14	17.2	Mar. 4, Dec. 27	1.1	Mar. 3	—6.1	Alwen	May 13	23.9	Aug. 14	12.8	Mar. 2	—2.2	Mar. 2	—17.2
East Hoathly	May 14, Aug. 12, 13	23.9	Aug. 19, Sept. 25	15.9	Mar. 4	—0.3	Mar. 3	—10.5	Ruthin	May 13, 14	25.0	July 13	13.9	Mar. 1, 2, 3, 4, Nov. 14	0.6	Mar. 2	—15.0
Eastbourne	May 14, Aug. 15	21.7	Aug. 12, 14	16.7	Mar. 4	1.1	Mar. 3	—6.1	Loggerheads	May 13	25.0	July 13	13.9	Mar. 2	—2.2	Mar. 3	—19.4
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	Bwlchgwyn	May 13, Aug. 12	22.2	May 14, Aug. 12	12.8	Mar. 2	—4.4	Mar. 2	—11.7
Bodiam	May 14	25.6	Aug. 19	15.6	Feb. 21, Mar. 2	1.1	Dec. 29	—8.9	Wrexham	Aug. 12	25.0	July 13, Aug. 14, Sept. 16	14.4	Mar. 2, Nov. 14, 15	0.0	Mar. 3	—10.6
Hastings	Aug. 12, 13	23.3	Aug. 12, 14	16.7	Feb. 20, 21, Mar. 2	1.1	Mar. 3	—6.1	Bardsey Island	Aug. 13	20.9	Aug. 13	15.4	Mar. 4	1.7	Mar. 3	—5.1
Letcombe Regis	May 14	27.2	June 13, July 13, Sept. 16	14.4	Mar. 4, Dec. 27	—0.6	Mar. 3	—8.9	Botwnnog	Aug. 12	25.0	Aug. 13	16.1	Mar. 1	1.1	Mar. 2	—7.8
Abingdon	May 14	26.9	June 13	14.9	Nov. 15	—2.9	Mar. 3	—10.0	Bryn Adda	Aug. 12	26.7	Aug. 13	17.8	Mar. 1	0.6	Mar. 2	—7.2
Wallingford	May 14	26.1	July 11, 13	15.0	Mar. 4, Dec. 27	—0.6	Mar. 3, Dec. 28	—10.6	Cwm Dyli	Aug. 12, Oct. 5	25.6	Aug. 14	15.0	Mar. 1, 3	0.6	Mar. 3	—10.6
Shinfield	May 14	27.2	Aug. 19	15.6	Dec. 27	0.6	Mar. 7	—8.3	Aber	Aug. 12	26.1	Aug. 14	15.6	Mar. 3	1.7	Mar. 2	—5.0
Reading	May 14	27.8	Aug. 19	15.8	Mar. 4	0.0	Mar. 3	—11.1	Corwen	May 13	25.6	July 13	14.4	Mar. 1, 2, 4	0.0	Mar. 3	—21.7
Fitchampstead	May 14	27.2	Aug. 19	15.0	Mar. 4	0.0	Mar. 3, 7	—9.4	Celms	May 13, 14	26.1	Aug. 6	14.4	Mar. 1, 2, Nov. 15, Dec. 27	1.1	Mar. 2, 3	—13.3
Hurley	May 14	27.2	July 13, Aug. 19	15.0	Mar. 4	0.6	Dec. 28, 29	—11.7	8a SOUTH WALES								
Bracknell	May 14	27.2	Aug. 19	15.6	Mar. 4	0.0	Mar. 3	—9.4	Aberporth	Aug. 12	26.1	Aug. 13	16.5	Mar. 2	—0.5	Mar. 3	—6.6
Bournemouth	Aug. 12	23.9	Aug. 19	16.1	Dec. 27	1.1	Mar. 3	—8.3	Aberystwyth	May 13	26.7	Aug. 13	16.7	Nov. 15	3.9	Mar. 4	—3.9
Hurn	Aug. 12	24.5	Aug. 19	16.3	Mar. 4	1.1	Mar. 3	—10.2	Aberystwyth P.B.S.	Aug. 12	25.6	Aug. 12	15.0	Mar. 2	—0.5	Mar. 3	—8.3
Christchurch	Aug. 12	23.3	Aug. 19	16.1	Dec. 27	1.1	Mar. 3	—8.9	Gogerddan	Aug. 12	27.2	Aug. 12	16.7	Mar. 2	0.0	Mar. 2, 3	—9.4

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	
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 Nov. 15	— 6.1		Garvagh 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
	Winfrith	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	2.2	Mar. 3	— 6.7		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	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		Crossgar	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		Creighton's Green	Aug. 12	20.6	Aug. 12	14.4	Mar. 1	0.0	Mar. 2	— 7.2
	Newton Abbot	—	—	Aug. 13	15.6	Mar. 2	0.6	Mar. 3	— 9.4		Reagh Island	June 9	21.7	Aug. 12, 14, 18	14.4	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	—	—		Helen's Bay	Aug. 12	22.8	Aug. 12, 18	15.0	Mar. 1, 2, 3, Dec. 27	1.7	Mar. 2	— 5.0
	Torquay	July 1	24.4	Aug. 13	16.7	Mar. 2	2.2	Mar. 3	— 7.1		Killlough	June 28	20.6	Aug. 12	14.0	Dec. 27	1.7	Mar. 2	— 6.3
	Teignmouth	Aug. 18	22.2	Aug. 13	16.7	Mar. 2	2.2	Mar. 3	— 6.7		Armagh	May 13, June 29	22.8	Aug. 12	15.6	Dec. 27	0.6	Mar. 2	— 10.0
	Starcross	June 30	23.9	Aug. 13	16.7	Mar. 2, Dec. 27	1.7	Mar. 3	— 8.3		Loughgall	June 29	22.2	Aug. 12, 18	15.0	Dec. 27	0.0	Mar. 2	— 10.6
	Exmouth	June 30	23.9	Aug. 13, 19	15.6	Mar. 2	1.1	Mar. 3	— 6.7		Glenanne	Aug. 12	21.8	Aug. 12, 18	14.5	Mar. 1, 2	0.0	Mar. 2	— 8.0
	Exeter	June 30	23.7	Aug. 13	17.0	Dec. 28	0.1	Mar. 3	— 9.6		Lough Bradan	May 13	22.2	Aug. 12, 13	14.4	Jan. 2, 27, Mar. 3, Dec. 27	0.6	Mar. 2	— 9.4
	St. Mary's, Scilly	Aug. 12	21.0	Aug. 13	15.6	Mar. 2	2.3	Mar. 3	— 1.5		Baronscourt Forest	May 13, June 29	22.8	Aug. 12, 13	15.6	Jan. 2, Dec. 27	1.1	Dec. 28	— 11.1
	Penzance	June 29, 30, Aug. 12	21.1	July 12	15.6	Mar. 1	2.8	Mar. 3	— 6.7		Carrigans	June 29	23.0	Aug. 12	15.0	Dec. 28	0.0	Dec. 28	— 11.5
	Gulval	Aug. 12	22.2	Aug. 13	16.7	Mar. 1	1.7	Mar. 3	— 5.0		Lislap Forest	May 13, June 29	22.2	Aug. 12	13.3	Dec. 27	0.0	Mar. 2	— 10.0
	Culdrose	Aug. 12	22.8	July 12, Aug. 11, 13	15.0	Jan. 27, Mar. 1	2.2	Mar. 3	— 6.1		Knockmany Forest	Aug. 14	22.2	Aug. 12	15.0	Dec. 27	0.0	Dec. 28	— 11.7
	Rosewarne	Aug. 12	22.8	Aug. 12, 13	15.6	Mar. 1	1.7	Mar. 3	— 6.7		Pomeroy Forest	June 29	23.3	Aug. 14	13.3	Jan. 3, Mar. 1	0.6	Mar. 2	— 8.9
	Lizard	June 30	21.9	Aug. 11, 13	15.2	Mar. 1	2.9	Mar. 3	— 3.6		Cookstown	May 13, June 29, Aug. 12	21.1	Aug. 14	14.4	Dec. 27	0.6	Mar. 2	— 8.9
	Falmouth	June 30	22.2	Aug. 13	16.1	Mar. 1	1.1	Mar. 3	— 6.7		Roscor	Aug. 12	23.9	Aug. 13, 14	14.4	Mar. 2, Dec. 27	1.1	Mar. 2	— 8.3
	Newquay	Aug. 12	22.8	Aug. 13	16.1	Mar. 1	1.7	Mar. 3	— 7.2		Lough Navar Forest	May 13, Aug. 11, 12	22.2	Aug. 13, 14	13.9	Mar. 2, 4	1.1	Mar. 2	— 10.0
	St. Mawgan	Aug. 12	23.0	Aug. 13	15.3	Mar. 2	0.4	Mar. 3	— 8.5		Ely Lodge	Aug. 12	22.4	Aug. 13	15.2	Dec. 27	0.0	Mar. 1	— 7.6
	St. Austell	June 29, 30	21.7	Aug. 13	16.7	Jan. 27	1.7	Mar. 3	— 6.1		Castle Archdale	Aug. 12	23.3	Aug. 12, 13, 14	15.0	Dec. 27	0.0	Mar. 2	— 9.4
	Bude	Aug. 12	25.6	Aug. 13	16.7	Mar. 2	1.7	Mar. 3	— 6.7		Forest	May 13	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		Pubble Forest	Aug. 12	22.2	Aug. 12	15.0	Dec. 27	0.0	Mar. 2, Dec. 28	— 10.0
9	NORTHERN IRELAND Loughmore Forest	May 13	23.3	Aug. 12	15.0	Jan. 2, 18, Dec. 27	0.6	Dec. 28, 29	— 9.4		CHANNEL ISLANDS Guernsey	Aug. 12	25.7	Aug. 12	17.2	Mar. 2	1.7	Mar. 3	— 2.0
	Ballykelly	May 13	24.6	Aug. 12	16.4	Dec. 28	1.0	Dec. 28	— 7.1		Alderney	Aug. 12	23.3	Aug. 13	16.1	Feb. 21, Mar. 2	1.7	Mar. 2, 3, 4	— 1.7
	Derrynoyd Forest	June 29	23.9	Aug. 12	14.4	Dec. 27	1.1	Mar. 2	— 9.4		Jersey Airport	Aug. 12	27.0	Aug. 13	17.1	Feb. 21	0.5	Feb. 22	— 2.6
											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	4	2	9	7	8	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	5
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	2	12	2	12	3	4	9
Hastings	10	9	9	3	0	7	11	8	2	0	7	5	12	1	6	3	9	6	8	4	3	6	5	7	10	2	7	8	3	10
Southampton	11	6	12	2	0	9	13	5	1	0	5	8	6	8	4	1	11	7	6	5	4	6	7	3	11	2	9	5	5	9
Stonyhurst	12	11	7	1	0	10	14	4	0	0	9	7	4	6	5	3	6	8	9	4	2	12	8	2	7	1	8	8	4	9
Bidston	12	11	6	2	0	12	10	6	0	0	5	10	3	8	5	3	7	8	7	5	2	7	10	5	7	0	6	8	6	10
Valley	10	7	9	5	0	8	12	4	4	0	7	8	3	6	7	2	5	4	8	11	2	5	12	2	10	2	6	4	7	11
Falmouth	14	3	10	4	0	11	13	2	2	0	9	6	6	6	4	1	6	4	9	10	3	7	8	5	8	2	10	5	1	12
Aldergrove	11	13	3	4	0	9	10	7	2	0	11	6	2	8	4	3	6	8	9	4	2	11	9	6	3	4	9	9	5	3
Armagh	10	11	9	1	0	7	15	4	2	0	7	10	2	8	4	2	7	7	10	4	2	9	13	4	3	2	9	8	9	2

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	0-1-30 hr	3-1-60 hr	6-1-90 hr	≥90 hr	Sunless	0-1-30 hr	3-1-60 hr	6-1-90 hr	≥90 hr	Sunless	0-1-30 hr	3-1-60 hr	6-1-90 hr	≥90 hr	Sunless	0-1-30 hr	3-1-60 hr	6-1-90 hr	≥90 hr	Sunless	0-1-30 hr	3-1-60 hr	6-1-90 hr	≥90 hr	Sunless	0-1-30 hr	3-1-60 hr	6-1-90 hr	≥90 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	5	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	5	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	6	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	4	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	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.	8.1-10.1 in. 20.1-25.1 mm.	10.1 in. > 25.1 mm.	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.	8.1-10.1 in. 20.1-25.1 mm.	10.1 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.	8.1-10.1 in. 20.1-25.1 mm.	10.1 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.	8.1-10.1 in. 20.1-25.1 mm.	10.1 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	1
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	6	Llandrindod Wells	166	36	92	40	16	8	3	4
Scarborough	154	70	88	38	9	3	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	3	0
Cambridge	199	46	87	24	4	4	0	1	Armagh	139	60	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										MINIMUM TEMPERATURE °C										STATION	MAXIMUM TEMPERATURE °C										MINIMUM TEMPERATURE °C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	0·0° or less	0·1° to 5·0°	5·1° to 10·0°	10·1° to 15·0°	15·1° to 20·0°	20·1° to 25·0°	25·1° to 30·0°	Above 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°		Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°	Below 30·0°

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		Day	h.m.
SCOTLAND			hr.	hr.		hr.	hr.	hr.	hr.	knots	"	knots	Month	Day	Hour	knots	Month	Day	h.m.	
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	0315
	Dounreay	27	113	—	155	1018	4307	2499	408	415	13.8	320	54	February	13	04	92	February	13	0330
	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
																		October	28	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								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					
											Veer from N.	Speed	Hour ended at		Speed	Day and Time				
		No. of Days	Duration		No. of days	Duration	Duration	Duration	Duration				Duration	Month		Day	Hour			
		1965	Average																	
SCOTLAND—contd		hr.	hr.	hr.	hr.	hr.	hr.	hr.	hr.	knots		knots	Month	Day	Hour	knots	Month	Day	h.m.	
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	1262	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	27	January	14	03	(54)	February	13	0515
												270	27	February	13	06				
	Leuchars	8	17	13	72	495	3304	4061	883	0	10.6	290	42	February	13	08	66	May	8	1510
												250	42	May	8	16				
	Turnhouse	3	4	—	58	304	2726	4335	1391	0	9.0	270	35	February	13	08	63	January	17	1045
												160	41	March	3	10	71	January	17	1000
	Edinburgh, Blackford Hill	21	66	19	112	839	3398	3329	1128	0	11.3	200	41	November	23	09		January	17	
6a	T'ree	42	261	136	185	1734	4298	1583	884	0	15.5	320	49	January	13	24	73	March	3	0535
	Paisley	0	0	0.5	13	41	1484	4240	2995	0	6.1	310	31	January	14	03	62	January	14	0225
												230	32	January	17	10				
	Renfrew	0	0	5	34	154	2581	4314	1711	0	8.3	210	32	August	5	13	64	January	17	0935
												250	32	November	1	09				
	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	67	January	13	2255
	Esksdalemuir 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)	November	1	1125
																	(55)	December	9	2235
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	34	November	1	14	57	December	10	0055
												250	34	December	10	01				
	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)	22	January	18	03	(52)	January	18	0415
												260	22	December	10	01				
	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)	January	13	1855
4																	(61)	April	17	1715
	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
												280	34	November	1	13	58	January	17	
	Elmdon	3	3	—	44	257	2581	4722	1197	0	9.0	(260)	34	December	9	23	58	January	17	0120
												180	24	January	13	16	(52)	January	17	0345
	Amersham	0	0	—	4	17	1230	5762	1656	95	6.7	(190)	24	December	29	17	59	December	9	2320
												190	24	December	29	17				
	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
												260	30	January	18	05				
	Hampton	0	0	0.2	27	115	2089	4456	2052	48	7.5	(240)	30	November	1	14	56	November	1	1300
												240	25	September	8	18				
	Kew Observatory	0	0	0.1	14	43	2323	5142	1252	0	8.1	(240)	25	November	1	14	58	April	17	1650
												240	25	November	1	14				
	Gatwick	0	0	2	28	137	1825	4678	2120	0	7.2	230	30	January	17	01	62	January	17	1445
																	(51)	January	17	1435
	Isle of Grain	0	0	2	31	140	2187	3769	2558	106	7.3	(240)	31	December	9	13	(51)	December	9	1545
																	(51)	January	17	1420
	Thorney Island	0	0	0.6	33	133	2127	3846	2654	0	7.3	200	30	January	13	19	(54)	December	9	1530
												220	31	January	13	18	51	November	27	1115
	Hurn	0	0	2	39	188	2866	4337	1369	0	9.0	(290)	31	November	27	14				
	Calshot	3	10	16	58	279	4151	3830	490	0	11.0	120	36	January	20	07	53	November	23	1900
												250	34	December	8	18	64	January	17	1415
	S. Farnborough	2	2	4	36	224	2809	4449	1476	0	8.8	(250)	34	December	10	02				
												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
												280	34	January	18	06				
	Boscombe Down	3	4	5	78	483	3585	3916	772	0	10.7	(290)	34	December	9	17	59	January	17	1340
												200	31	December	9	17				
	Porton	0	0	3	40	186	2066	3329	3167	12	7.0	(210)	31	December	9	15	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																			

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)	6	(65)	81	19	*	5	18	(17)	1	3	6	0	(0)	6	(25)	16	0	5
	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	1	1	0	5	1
1	Kinloss	27	42	41	52	24	31	7	16	24	41	46	6	357	6	17	3	0	1	4	0	0	0	1	7	0	28
	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	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	Tiree	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	1	1	1	1	1	19	26	19	2	43	(138)	28	5	1	1	1	1	1	0	0	0	0	4	(50)	0	5
	Paisley	50	27	18	18	14	21	0	15	3	41	50	9	266	6	7	0	1	3	1	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	1	0	0	2	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	2	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	*
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	70
	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	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	2	0	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	5	6	2	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	68	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	5	5	0	2	0	2	0	0	0	1	11	1	27
	Edgbaston	58	15	5	28	1	4	0	3	11	6	55	34	220	3	1	0	0	0	0	0	1	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	0	0	5	2	14
	London Airport	72	8	6	27	7	15	18	4	15	4	38	37	251	6	0	0	0	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	0	0	0	0	1
	Kew Obs'y	79	8	15	26	14	26	13	7	21	13	67	62	351	2	0	0	3	0	0	0	0	0	0	4	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)	6	39	0	2	1	0	0	0	0	15	2	(19)	6	6	

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	Direc- tion	Speed	Time	Direc- tion	Speed				Hour ended at	Direc- tion	Speed	Time	Direc- tion	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
	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
	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
Duirinish	Jan. 14	02	340	43	0210	340	68	02-04	5 Dungeness	Jan. 13	22	220	45	2130	220	72	15-23
	Oct. 28	09	200	43	0705	200	62	07-10		Sept. 8	18	240	44	1745	230	60	16-20
Benbecula	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
1 Kinloss	Nov. 1	12	290	42	1305	280	56	11-15	7a Carlisle	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
	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
	Nov. 23	17	360	46	1655	360	61	17-19		Jan. 14	01	210	42	0045	210	67	01, 02
Lossiemouth	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
	Feb. 13	06	280	46	0535	280	78	02-08		Jan. 10	21	250	53	1955	250	68	09-24
Dyce	Nov. 23	17	010	44	1650	010	75	17-19		Jan. 11	09	250	60	0900	250	78	01-14, 17-24
	Feb. 13	07	290	41	0635	290	67	05-08, 15-17		Jan. 12	01	240	41	0135	240	52	01-03, 08
Bell Rock	Jan. 11	13	240	44	1240	240	57	09-16		Jan. 13	24	260	64	2400	270	89	13-15, 19-24
	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	290	60	03-09, 11-14, 21		Feb. 7	21	070	44	2055	060	53	09, 12, 13, 19-22
	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
	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
	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
	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
	Oct. 31	01	280	41	0040	280	55	01-05, 08		May 8	12	240	41	1120	240	56	06, 07, 11-13, 15-18
	Nov. 16	21	150	44	2005	150	58	12-24		June 15	24	220	42	1950	220	62	18-24
	Nov. 17	10	130	41	1030	130	51	01-24		June 16	02	230	47	0110	230	60	01-08
	Nov. 23	21	360	56	2020	360	79	07-12, 22-24		June 18	08	240	45	0905	230	65	04, 08-20, 22-24
	Nov. 29	22	330	42	2055	340	61	19, 21-24		June 23	18	230	42	1810	230	54	12-19, 21-24
Leuchars	Nov. 30	04	340	50	0115	340	78	01-14, 16-22, 24		June 24	11	230	42	1015	230	54	01-06, 08-17
	Feb. 13	08	290	42	0655	290	65	06-09		June 26	13	250	48	1215	250	63	04-15
	May 8	16	250	42	1510	250	66	14-17		Sept. 21	13	240	43	1220	240	52	01-05, 07-14, 18
	Mar. 3	10	160	41	0940	160	61	07, 09, 10		Sept. 29	23	070	42	1850	050	53	18-24
Edinburgh, Blackford Hill	Nov. 23	09	200	41	1020	180	66	09-11		Oct. 27	15	230	48	2345	230	60	01-24
	Jan. 13	24	320	49	2355	320	69	12-17, 22-24		Oct. 28	06	230	54	0525	230	71	01-15, 18-20, 22
6a Tiree	Jan. 14	01	330	45	0315	310	69	01-06		Oct. 29	24	230	43	2355	230	55	01-03, 06, 07, 11-15, 23, 24
	Jan. 21	17	160	41	1935	150	61	15-24		Oct. 30	06	230	49	0100	230	85	01-07, 09-13, 15-17, 20-24
	Feb. 13	08	310	41	0145	300	69	01-24		Oct. 31	22	230	45	2150	220	60	01, 18-24
	Mar. 3	06	160	46	0535	160	73	01-22		Nov. 1	08	230	64	1110	260	83	01-24
	Apr. 18	23	320	41	1440	310	69	17, 20-24		Nov. 7	05	080	50	0130	080	62	01-15
	Apr. 19	03	320	41	0205	330	66	01-06		Nov. 16	10	120	42	0915	120	56	08, 10, 12, 18-21
	Oct. 28	07	220	44	0625	220	65	05-09, 11-13		Nov. 17	09	090	45	0915	090	55	05-13, 15
	Nov. 1	16	270	46	1505	270	69	11-18, 21-23		Nov. 20	17	060	44	1630	070	53	09-20
	Nov. 16	21	100	42	2025	100	60	06, 10-24		Nov. 23	10	240	44	0945	230	56	09-13, 21, 22
	Nov. 29	17	330	43	2355	310	68	12-24		Nov. 29	13	030	56	1235	030	70	09-20
	Nov. 30	01	340	42	0005	320	65	01, 02, 06-08		Dec. 9	12	250	41	1130	250	70	11-20
	Dec. 2	02	130	41	0210	130	57	01-05		Jan. 14	05	270	49	0105	250	67	01-07
Millport	Dec. 17	06	120	42	0520	120	59	03-09		Feb. 12	24	280	45	2350	280	62	12-24
	Nov. 1	09	260	41	0815	260	63	08, 09		Feb. 13	01	290	43	0005	290	63	01-06, 10-13
	Nov. 7	08	060	47	0720	060	64	08, 15		Sept. 21	10	230	42	0810	220	57	03-13
	Nov. 17	09	060	49	0925	060	63	03-24		Oct. 28	03	230	41	0320	230	61	01-06
	Nov. 18	03	060	44	0210	060	56	01-09, 16-18		Nov. 1	15	260	46	1440	260	73	07-22
Lowther Hill	Jan. 11	10	(240)	(47)	(0920)	250	74	04-12		Jan. 13	24	260	49	2350	260	74	20-24
	Jan. 13	24	280	49	2055	230	69	19-24		Jan. 14	01	260	50	0030	260	76	01-09
	Jan. 14	04	310	54	0200	300	76	01-07		Jan. 17	12	250	45	0935	240	64	01, 04-15, 18-22
	Jan. 16	21	280	44	2015	280	64	20, 21, 23, 24		Nov. 1	09	260	47	0935	270	70	03-24
	Jan. 17	07	250	41	0605	250	62	04-08, 10, 15		Nov. 23	14	250	44	1340	250	62	12-15, 18-21
	Feb. 12	24	290	50	2255	290	71	08-13, 15-24		Dec. 9	22	290	45	2045	270	69	20-24
	Feb. 13	08	300	62	0750	300	87	01-16, 18		Jan. 13	24	260	42	2345	270	62	22-24
	Mar. 3	23	130	43	2250	140	54	05, 06, 19-24		Jan. 14	03	270	(47)	0005	270	73	01-09
	Apr. 9	17	180	42	1630	180	55	15-19		Nov. 1	11	—	44	1130	—	64	06-18, 20-24
	Apr. 12	16	310	46	1600	310	63	06, 07, 14-22		Dec. 9	22	280	42	2145	290	62	20-24
	Apr. 17	23	320	50	1020	280	65</										

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	20	150	52	1925	150	65	13-24	Scilly (cont)	May. 4	08	260	43	0640	250	56	07-09, 17-19
	Mar. 25	19	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. 3	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	01	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	200	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	290	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	56	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	290	75	20-24
	Dec. 6	10	270	43	1325	280	54	01-20		Jan. 14	01	290	48	0025	290	77	01-03
	Dec. 9	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. 16	19	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	06	260	43	0535	260	81	05-09, 12
	Dec. 30	19	270	41	1355	270	57	01, 02, 06-08, 11-15, 17-19		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
Scilly	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

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.
	Kirkwall	Oct. 28-31.	Nov. 1, 2, 29.	Dec. 5, 10, 17, 18.	28-31.		
	Dounreay	Jan. 5, 10, 14, 17.	Feb. 12, 13, 28.	Mar. 7.	Apr. 9, 10, 16, 19.	Aug. 6.	Oct. 28-31.
	Shin	Nov. 1, 2, 23.	Dec. 17.				
	Stornoway	Jan. 10, 14, 15.	Feb. 12-14, 28.	Mar. 7.	Apr. 9, 10, 18.	May 23.	June 23.
	Duirinish	Sept. 9, 21, 25, 26.	Oct. 28-31.	Nov. 1, 3, 16, 23, 26-30.	Dec. 10, 17, 29, 31.		
	Benbecula	Feb. 12, 13.	Mar. 3, 17.	May 8.	Sept. 20, 30, 31.		
	Fort Augustus	Jan. 10, 12-14.	Feb. 12, 13, 28.	Mar. 2, 3, 16, 17, 28.	Apr. 10.	May 8.	Aug. 27.
	Kinloss	Sept. 19-21.	Oct. 28, 30, 31.	Nov. 17, 23, 29.			
	Lossiemouth	Jan. 11, 14.	Feb. 12, 13.	Mar. 16, 17.	Apr. 19.	May 8.	June 23, 24.
1	Dyce	Nov. 1, 23, 27-29.					
	Bell Rock	Jan. 8, 12-17, 21, 22.	Feb. 12, 13.	Mar. 2, 3, 16.	Apr. 9-11, 17-19.	May 8.	June 24.
	Rannoch	Sept. 21.	Oct. 28-30.	Nov. 1, 29.			
	Tunnel Bridge	Mar. 3.	Apr. 9.	Oct. 28.	Nov. 16.		
	Leuchars	Jan. 14.	Feb. 12, 13.	Mar. 16.	May 8.	June 24.	Sept. 21.
	Turnhouse	Jan. 14.	Feb. 12-14, 28.	Apr. 19.	May 8.	June 24.	Oct. 28, 30.
	Edinburgh	Nov. 23, 29, 30.					
	6a - Tiree	Jan. 14.	Feb. 13, 14.	Oct. 28.	Nov. 23, 30.		
	Millport	Jan. 11, 13, 14, 16, 17.	Feb. 12, 13.	Mar. 1, 3, 4, 16.	Apr. 9, 11, 18, 19.	May 8.	June 16,
	Paisley	23, 24, 26.	Sept. 16-18.	Oct. 28-31.	Nov. 1, 16-18, 23, 24, 28-30.	Dec. 1, 3, 10, 17.	
2	Renfrew	Jan. 11.	Feb. 12, 13.	Apr. 17.	May 8.	June 23, 24.	Oct. 28, 30, 31.
	Lowther Hill	Nov. 1, 17, 23.					
	Prestwick	Feb. 12, 13.	Oct. 27.	Nov. 1.			
	Eskdalemuir Obs'y	Jan. 11, 14.	Feb. 12, 13.	Apr. 11, 18.	May 8.	June 16, 23, 24, 26.	Sept. 21.
	Chapelcross	Nov. 1, 16, 23.					
	West Freugh	Jan. 11, 13, 14, 16, 17.	Feb. 12, 13.	Mar. 16.	Apr. 10.	May 8.	June 23, 24, 26.
	Ronaldsway	Aug. 5.	Oct. 28, 30.	Nov. 1.	Dec. 19.		
	Point of Ayre	Jan. 7, 10-14, 16, 17, 23, 24.	Feb. 9, 11-13, 19.	Mar. 3, 4, 7, 15-17, 20, 27.	Apr. 9, 12, 17-19, 25, 26.	May 5, 8, 9, 21.	June 15, 16, 18, 19, 23-26.
	Durham	Aug. 5, 6, 18, 24, 25, 29.	Sept. 9, 18.	Oct. 27-31.	Nov. 1, 6, 7, 16, 17, 23, 27-30.	Dec. 9, 13-15, 19, 21.	
	3	Gorleston	Jan. 13, 14, 17.	Feb. 13.	Mar. 3.	Apr. 18.	Nov. 1, 16, 28.	Dec. 9, 19.
Mildenhall		Jan. 11, 13, 14, 17.	Feb. 12, 13.	June 24.	Oct. 27, 31.	Nov. 1, 17, 23, 28.	
Bedford		Jan. 11, 13, 14, 17.	Feb. 13.	Oct. 30.	Nov. 1.		
Cardington		Jan. 11, 13, 14, 16, 17.	Feb. 13.	Mar. 3.	Apr. 18, 19.	May 8.	Oct. 31.
Garston		Nov. 1, 2, 16.					
Rothamsted		Jan. 11, 13, 14, 16, 17.	Feb. 13.	Mar. 3.	Apr. 18, 19.	May 8.	Oct. 31.
Stansted		Nov. 1, 2, 16.					
Coryton		Jan. 11, 13, 14, 16, 17.	Feb. 13.	Mar. 3.	Apr. 18, 19.	May 8.	Oct. 31.
Shoeburyness		Nov. 1, 2, 16.					
4		Sheffield	Jan. 10, 11, 13, 14, 16, 17.	Feb. 12, 13.	Mar. 1, 3, 4, 16.	Apr. 9, 11, 18, 19.	May 8.	June 16,
	Edgbaston	23, 24, 26.	Sept. 16-18.	Oct. 28-31.	Nov. 1, 16-18, 23, 24, 28-30.	Dec. 1, 3, 10, 17.	
	Elmdon	Jan. 11.	Feb. 12, 13.	Apr. 17.	May 8.	June 23, 24.	Oct. 28, 30, 31.
	Amersham	Nov. 1, 17, 23.					
	Keele	Jan. 11, 14.	Feb. 12, 13.	Apr. 11, 18.	May 8.	June 16, 23, 24, 26.	Sept. 21.
	Pershore	Nov. 1, 16, 23.					
	Kingsway	Jan. 11, 13, 14, 16, 17.	Feb. 12, 13.	Mar. 16.	Apr. 10.	May 8.	June 23, 24, 26.
	London Airport	Aug. 5.	Oct. 28, 30.	Nov. 1.	Dec. 19.		
	Hampton	Jan. 7, 10-14, 16, 17, 23, 26.	Feb. 11-13.	Mar. 2, 3, 14-17, 27.	Apr. 9, 16-18.	May 8, 9.	June 16, 23-26, 28.
	Kew Obs'y	Aug. 5, 6, 18, 20, 27, 28.	Sept. 21, 22.	Oct. 27-31.	Nov. 1, 23.	Dec. 8, 17, 19.	
5	Gatwick	Jan. 8, 9, 12-18, 21, 22.	Feb. 12, 13.	Mar. 1-3, 16.	Apr. 9, 10, 12, 13, 17-19.	May 8.	June 23, 24, 26.
	Isle of Grain	Aug. 5.	Sept. 3, 4, 29.	Oct. 28-31.	Nov. 1, 3, 16, 17, 23, 25, 27-30.	Dec. 1, 2, 5, 15, 17, 19, 29.	
	Dungeness	Anemograph out of order,	January-May.	June 26.	Oct. 28, 30.	Nov. 1, 6, 7, 17-19.	
	Dover	Jan. 11, 14-16.	Feb. 12, 13.	Apr. 18.	May 8.	June 23.	Aug. 5.
	Thorney Island	Oct. 30.	Nov. 1.				
	Hurn	Jan. 11, 14, 16, 17.	Feb. 13.	Mar. 3.	Apr. 18.	Nov. 1.	
	Calshot	Jan. 7, 8, 10-14, 16, 17, 23, 24.	Feb. 9, 11-13, 19.	Mar. 3, 4, 7, 15-17, 20, 27.	Apr. 9, 12, 17-19, 25, 26.	May 5, 8, 9, 21.	June 15, 16, 18, 19, 23-26.
	S. Farnborough	Aug. 5, 6, 18, 24, 25, 29.	Sept. 9, 18.	Oct. 27-31.	Nov. 1, 6, 7, 16, 17, 23, 27-30.	Dec. 9, 13-15, 19, 21.	
	Kingdon	Jan. 13, 14, 17.	Feb. 13.	Mar. 3.	Apr. 18.	Nov. 1, 16, 28.	Dec. 9, 19.
	Larkhill	Jan. 11, 13, 14, 17.	Feb. 12, 13.	June 24.	Oct. 27, 31.	Nov. 1, 17, 23, 28.	
6a	Boscombe Down	Jan. 11, 13, 14, 17.	Feb. 13.	Mar. 3.	Apr. 18.	Nov. 1.	
	Porton	Jan. 11, 13, 14, 16, 17.	Feb. 13.	Oct. 30.	Nov. 1.		
	Carlisle	Jan. 11, 13, 14, 16, 17.	Feb. 13.	Mar. 3.	Apr. 18, 19.	May 8.	Oct. 31.
	Sellafield	Nov. 1, 2, 16.					
	Spadeadam	Jan. 10, 11, 13, 14, 16, 17, 20, 23.	Feb. 12, 13, 20.	Mar. 1, 3, 4, 20, 21, 25.	Apr. 12, 17-19, 26.	June 24, 25.	Aug. 24.
	Great Dun Fell	Sept. 17.	Oct. 28-31.	Nov. 1, 2, 6, 7, 16, 17, 23, 29, 30.	Dec. 5, 6, 9, 29.		
	Moor House	Jan. 10, 11, 13, 14, 16-18.	Feb. 13.	Mar. 3.	Apr. 18, 19.	June 26.	Nov. 1, 16, 23, 28-30.
	Squires Gate	Dec. 9.					
	Southport	Jan. 11, 13, 14, 17.	Feb. 13.	Mar. 16.	Apr. 17.	May 8, 9.	Oct. 27, 30.
		Nov. 1, 23, 24, 30.					

TABLE XII (continued)—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
Fleetwood	Jan. 13, 14, 16-18. Feb. 13. Apr. 18, 19. Aug. 24. Oct. 30. Nov. 1, 2, 16, 17, 23, 27, 29, 30. Dec. 6, 9.	8b Portland Bill (cont)	June 18. July 11, 23, 28, 29. Aug. 21. Sept. 8, 17, 18, 25. Oct. 9, 28, 30, 31. Nov. 1, 2, 5, 6, 15-17, 23, 25, 27, 29, 30. Dec. 2-6, 8-11, 13, 17-19, 22, 23, 29-31.
Speke	Jan. 9, 11, 13, 14, 16-18. Feb. 13. Mar. 4, 24. Apr. 12, 17. June 18. Oct. 30, 31. Nov. 1, 2, 16, 23, 30. Dec. 6, 9, 10.	Mount Batten	Jan. 10, 13, 14, 16-18, 20. Mar. 3, 15, 25, 30, 31. Apr. 17, 19. Sept. 17. Nov. 1, 16, 23, 25, 27, 29. Dec. 2, 3, 5, 9, 10, 18, 29-31.
Manchester W/Centre	Jan. 9, 13, 14, 16-18. Feb. 13. Oct. 30. Nov. 1, 6, 16, 17, 23. Dec. 6, 9, 10.	Scilly	Jan. 3, 10, 12-20, 22, 29, 30. Feb. 1. Mar. 1, 3, 4, 16, 25, 26, 31. Apr. 12, 17, 19. May 4. Sept. 17. Oct. 31. Nov. 1, 5, 6, 14-17, 23, 25-30. Dec. 2-6, 9, 10, 17, 18, 23, 27, 29-31.
Bidston Obs'y	Jan. 9, 11, 13, 14, 16-18. Feb. 12, 13. Mar. 1, 3. Apr. 12, 17-19, 26. June 18, 19. July 29. Aug. 24. Sept. 18. Oct. 30. Nov. 1, 2, 16, 23, 27, 29, 30. Dec. 2, 5, 6, 9, 10.	Lizard	Jan. 10, 11, 13-20, 22, 30. Feb. 1, 2. Mar. 1, 3, 16, 17, 24, 25, 30. Apr. 17, 19. May 4. Sept. 8, 17. Oct. 31. Nov. 1, 5, 6, 14-17, 22, 23, 25-27, 29, 30. Dec. 2-6, 9, 10, 13, 17-19, 23, 27, 29-31.
Ringway	Jan. 13, 14, 17. Oct. 30. Nov. 1, 16. Dec. 9.	9 Ballykelly	Jan. 11, 13, 14, 16, 17. Feb. 13. Mar. 3, 16. Apr. 17-19, 26. May 8. June 23. Oct. 28, 30. Nov. 1, 16, 23, 29, 30. Dec. 9.
7b Valley	Jan. 9-11, 13, 14, 16-18. Mar. 3, 4, 25. Apr. 9-17-19. June 23, 24. Oct. 30, 31. Nov. 1, 2, 6, 7, 16, 17, 23, 29, 30. Dec. 2, 6, 9, 10, 29.	Aldergrove	Jan. 13, 14. Mar. 1, 3. Apr. 19. Nov. 1. Dec. 9.
8a Aberporth	Jan. 9-18, 20, 21. Feb. 13. Mar. 3, 25. Apr. 19. May 9. June 18, 22. July 29. Sept. 17, 18. Oct. 30, 31. Nov. 1, 2, 15, 16, 23, 27, 29, 30. Dec. 3, 5, 6, 9, 10, 29.	Kilkeel	Jan. 11, 13, 14, 16, 17, 20. Feb. 13. Mar. 1, 3, 4, 25. Apr. 9, 17-19, 26. June 23. Aug. 5. Sept. 4. Nov. 1, 16, 17, 29, 30. Dec. 9.
Brawdy	Jan. 9, 10, 13, 14, 16-18, 20. Mar. 3, 10, 15, 25, 26. Apr. 17, 19. May 9. Sept. 17. Nov. 1, 2, 15-17, 23, 27, 29, 30. Dec. 3, 5, 9, 10, 15, 29.	Carrigans	Jan. 11, 13, 14, 16, 20. Feb. 13. Mar. 16. Apr. 17, 18. May 8. Oct. 28, 30. Nov. 1. Dec. 9, 17.
Milford Haven C.B.	Jan. 13, 14, 16-18. Mar. 3, 25. Sept. 17. Nov. 1, 15-17, 23, 29. Dec. 29.	Castle Archdale Forest	Jan. 11, 13, 14, 16, 17. Apr. 17, 26. Oct. 28. Nov. 1. Dec. 9.
Port Talbot	Jan. 14, 16-18, 30. Mar. 4. Apr. 19. Sept. 17. Nov. 1, 16, 17, 23, 27. Dec. 9, 10.	Jersey	Jan. 13-18, 20, 22, 30, 31. Feb. 13. Mar. 3, 16, 18, 25, 26. Apr. 12, 19, 27. May 4. June 16. Sept. 8, 17, 18. Nov. 1, 23, 24, 27, 29, 30. Dec. 2-6, 9-11, 23, 24, 30.
Rhoose	Jan. 9, 13, 16-18. Apr. 12, 17, 19, 26. May 9. July 29. Sept. 8, 17, 18. Nov. 1, 23, 27. Dec. 2, 3, 6, 9, 10, 13.		
8b Portland Bill	Jan. 9-20, 30, 31. Feb. 13. Mar. 3-5, 15, 16, 25. Apr. 12, 17-19, 26, 27. May 4, 9.		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION FOR THE YEAR 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 June	2	16 Dec	210.0	365	430	13 July	2	16 Dec	138.8	365	977	21 June	2	16 Dec	251.4	365
Eskdalemuir Observatory	827	29 June	5	15 Dec	216.2	365	379	2 June	5	15 Dec	141.7	365	1077	29 June	5	15 Dec	260.8	365
Cambridge	808	28 June	9	20 Nov	254.4	365	385	6 June	9	20 Nov	157.6	365	—	—	—	—	—	—
London (High Holborn)	760	20 June	6	17 Dec	233.1	365	375	21 May	5	9 Dec	139.3	363	911	20 June	8	9 Dec	281.0	365
Kew Observatory	840	20 June	9	20 Nov	255.9	365	393	23 May	8	20 Nov	147.5	365	965	28 June	11	20 Nov	289.9	365
Aberporth	824	28 June	10	17 Dec	293.2	365	400	30 May	10	17 Dec	158.1	359	—	—	—	—	—	—
Bracknell (Easthampstead)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TABLE III—ADDITIONS AND CORRECTIONS

MONTH	STATION	Terminal Hours of observation Max. Min.	Height of Station above mean sea level ft.	AIR TEMPERATURE IN DEGREES CELSIUS								EARTH TEMPERATURE		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of days										BRIGHT SUNSHINE				
				Means of		Mean Temperature Mean of A and B	Difference from average	Highest Maximum and Lowest Minimum						Total Fall	Percentage of Average	Moist in a day		Precip'n -01 in. (0.2 mm.) or more -04 in. (1.0 mm.) or more	Snow or Sleet	Snow lying at 9h.	Hail	Ice or snow pellets etc.	Thunder heard	Fog at 9h.	Air Frost	Grass min. below 0°C.	Gale	Daily Mean	Percentage of Average	
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount	Date																	
1965		G.M.T.	ft.	°C.	°C.	°C.	°C.	°C.		°C.	°C.	in.	%	in.												hr.	%			
March	Onecote	9 9	1350														7													
	Kilnchew	9 9	76														4													
April	Kilroot	9 9	71									2.30	—	.28	9	19	15									4.03	74			
	Skegness	9 9	15																											
	Lyonshall	9 9	510	12.4	3.8	8.1	-0.1	17.8	2	-0.6	22																			
May	Aberdeen	9 9	170	11.7	5.9	8.8	-0.4	22.2	13	1.1	19, 20	1.63	62	.58	26	12	9	1	0	3	0	0	3	0	4	0	3.92	69		
	Dall	9 9	720	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—				
	Houghall	9 9	123																2											
June	Mackworth	9 9	293	19.1	10.1	14.6	—	23.9	29	5.6	2, 4	—	—	2.90	—	.55	21	14	11	—	0	—	—	0	0	0	—	—		
	Chesterfield	9 9	298	19.4	10.1	14.7	—	23.9	30	5.0	2																			
	Warsop	9 9	150																											
	Aylesbury	9 9	316	18.8	8.5	13.7	—	23.3	11	4.4	3			3.32	222	.06	17	12	11	—	—	—	—	—	—	—	6.42	—		
	Lyonshall	9 9	510	18.7	9.4	14.1	-0.1	22.8	30	5.6	2, 7, 28	—	—	3.10	—	.61	15	13	10	—	—	—	—	—	0	—	6.16	—		
	Hempstead	9 9	39	19.2	10.4	14.8	—	23.3	30	4.4	7	15.6	12.3	2.67	—	.67	6	16	10	0	0	0	0	2	1	0	0	5.91	—	
	Wealdstone	—	—																								5.88	—		
	Wye	9 9	185	19.3		14.3	-0.5	22.8	13, 17, 20																					
	East Grinstead	9 9	400																											
	Chiseldon	9 9	510	18.7	9.3	14.0	—	23.9	30	3.9	7	—	—	2.31	—	.82	21	9	9	0	0	0	0	1	0	0	—	—		
	Poulton-le-Fylde	9 9	38																											
	Fort Augustus	9 9	70	16.2	9.6	12.9	+0.2	22.2	9	5.0	4			2.57	111	1.10	21	12	10	0	0	0	0	0	1	0	—	3.66	—	
	Aberdeen	9 9	170	15.7	8.9	12.3	+0.2	23.3	29	1.7	1	—	—	3.49	—	.88	23	18	11	0	0	0	0	0	1	1	0	0	5.58	93
July	Point of Ayre	21-9	30																											
	Blaenau Ffestiniog	9 9	750	16.8	9.5	13.1	—	20.6	1	3.9	4			8.66	109	1.70	27	20	18	—	—	—	—	2	0	—	—	3.30	—	
	Aberystwyth	9 9	12	17.9	10.3	14.1	-1.5	21.7	16, 17	8.3	2, 4, 7	—	—	—	—	—	—	—	—	—	—	—	—	0	0	—	—	3.99	77	
	Wincanton	9 9	375	18.2	10.4	14.3	—	21.1	14, 18	5.6	4	—	—	4.90	—	1.04	11	17	16	0	0	0	0	4	0	0	0	—	—	
	Shaftesbury	9 9	880																											
	Ilfracombe	9 9	25	17.1	13.0	15.1	-1.2	19.4	19	10.0	4	17.6	15.9	5.04	169	1.32	11	19	17	0	0	0	0	0	0	0	0	5.56	87	
	Exeter (Southern)	9 9	160	19.1	11.1	15.1	—	20.6	1, 18, 28	6.7	18	—	—	3.24	—	.70	11	17	15	—	—	—	—	0	0	0	0	—	—	
	Falmouth	9 9	167	17.6	11.1	14.3	-2.0	19.4	14	8.3	5, 9, 18	—	—	3.66	131	1.01	11	19	15	0	0	0	0	0	0	0	0	5.05	77	
	St. Austell	9 9	310	17.8	11.6	14.7	—	19.4	19, 20, 21	8.9	31	—	—	4.88	144	1.20	11	18	15	0	0	0	0	0	1	0	—	—		
	West Raynham	21-9	250																											
	Sittingbourne	9 9	224																								4.06	—		
	Eastbourne	9 9	23																											
	Martyr Worthing	9 9	275																								3.79	—		
	Morecambe	9 9	24																								4.39	77		
	Bwlchgwyn	9 9	1287	14.6	8.1	11.3	—	17.8	13, 18, 19	0.0	4	12.3																		
	Wrexham	9 9	275	17.7	10.6	14.1	—	21.1	18, 31					3.57	103	.94	19	21	14											
	Milford Haven C.B.	21-9	122																											
	Poole	9 9	18	18.7	11.2	14.9	—	21.7	2																					
	Totnes	9 9	120																								4.95	—		
	Newton Abbot	9 9	272	18.5	10.7	14.6	-1.6							5.76	221	2.20	7	18	14								5.29	81		
August	Galval	9 9	80																								4.06	—		
	Fort Augustus	9 9	70	16.9	9.4	13.1	-1.1	23.3	11, 12	2.2	2	—	—	3.72	—	.74	4	17	16	0	0	0	0	0	0	0	—	5.60	—	
	Elgin	9 9	92																								—	—		
	Dall	9 9	720	—	—	—	—	—	—	—	—																—	—		
	Ballinry	9 9	425	16.7	8.7	12.7	—	20.6	12, 15	3.9	2	13.2	11.4	2.99	—	.75	4	19	14	0	0	0	0	1	0	0	1	5.17	—	
	Wauchope	9 9	560	17.1	7.9	12.5	—	22.2	12	0.6	27	—	—	3.06	80	.71	4	19	17	0	0	0	0	0	0	0	—	—	—	
	Whitby	9 9	135																								—	—		
	Caistor	9 9	180	19.7	9.4	14.5	—	22.8	4, 5	2.2	27	—	—	3.34	—	.96	8	19	15	—	—	—	—	—	—	0	—	—	—	

TABLE IX—ADDITIONS AND CORRECTIONS

YEAR	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	
1958	Ballykelly		hr.		hr.	hr.	hr.	hr.	hr.	knots		knots	day hr.	knots	day	h.m.
1962	Rothamsted Moor House					2451	3586	2482								
1963	Rothamsted					1521	5041	2150								
1964	Rothamsted Moor House					3386	2184									
	South Shields	39	143		1633	880	5167	2665								
1960						952	4906	2812							61	Jan. 19 2305

TABLE X—ADDITIONS AND CORRECTIONS

[illegible]

TABLE XII—ADDITIONS AND CORRECTIONS

South Shields 1960 Add January 19, 20

TABLE X11A—ADDITIONS AND CORRECTIONS

Station	Year		Correction				
Scilly	1946	Number of Hours with Gusts exceeding	38 m.p.h.	Sept. 62			Year 1046
		Number of Hours with Gusts exceeding	54 m.p.h.	Sept. 9			Year 178
Scilly	1948	Number of Hours with Gusts exceeding	38 m.p.h.	Mar. 80	June 87	Dec. 264	Year 1467
		Number of Hours with Gusts exceeding	54 m.p.h.	Mar. 21	Dec. 51		Year 276
Scilly	1952	Number of Hours with Gusts exceeding	33 kt.	May 31			Year 1529
		Number of Hours with Gusts exceeding	47 kt.	May 1			Year 304

TABLE XIII—SOLAR RADIATION AND ILLUMINATION—ADDITIONS AND CORRECTIONS

STATION Year and Month		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																			
1964	Jan.																	33.8	
	Feb.																	77.0	
	Mar.																	153.3	
	Apr.			74	17, 20									718		.85		318.7	
	May							26						810		137		443.3	
	June					480.3						287.3		843		131		531.0	
	July													798				400.4	
	Aug.													585		105		330.8	
	Sept.								1										
	Nov.								8										
	Dec.		15, 25						15										
	Year				Dec. 16									843			29 Dec. 29		

*TABLE XIII—ADDITIONS AND CORRECTIONS

Scilly 1948.....Dec. 11.....Maximum gust.....69 m.p.h.....31 m/s.

*TABLE XIII in 1948 was "Occasions of Strong Gales" and is now TABLE XI

*TABLE XIV—ADDITIONS AND CORRECTIONS

Scilly 1948. Add Dec. 11

TABLE XV—ADDITIONS AND CORRECTIONS

Year	Station	Correction	
1937	South Shields	January	27 m/s
1938	South Shields	February	31 m/s
1939	South Shields	April	24 m/s
		December	24 m/s
1940	South Shields	June	21 m/s
1942	South Shields	April	21 m/s
	Scilly	April	29 m/s
1945	South Shields	May	22 m/s

Printed in England by Unwin Brothers Ltd.
Woking and London and published by

HER MAJESTY'S STATIONERY OFFICE

Price 4s. 6d. net