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MONTHLY  
WEATHER REPORT  
1967

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# Climatological District Map

showing position of :-

## A DISTRICTS (LARGE FIGURES)

- 0 - SCOTLAND NORTH
- 1 - SCOTLAND EAST
- 2 - ENGLAND NORTH-EAST
- 3 - ENGLAND EAST
- 4 - MIDLANDS COUNTIES
- 5 - ENGLAND SOUTH-EAST
- 6 - SCOTLAND WEST AND ISLE OF MAN
- 7 - ENGLAND NORTH-WEST AND NORTH WALES
- 8 - ENGLAND SOUTH WEST AND SOUTH WALES
- NI - NORTHERN IRELAND

## B DISTRICT VALUE STATIONS (SMALL FIGURES)

THE FIGURES REFER TO THE STATION NAMES LISTED IN THE NOTES ON TABLE 1 FURTHER IN THE INTRODUCTION

## C COUNTIES

## D LIGHTHOUSES AND LIGHT VESSELS USED IN THE MONTHLY WEATHER REPORT

## E SEA AREAS USED IN THE MONTHLY WEATHER REPORT





# THE MONTHLY WEATHER REPORT, 1967

## Volume 84

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# INTRODUCTION

The *Monthly Weather Report* summarizes 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 were published in the *British Meteorological and Magnetic Year Book*, Part III, Section 2, and for the period 1922–56 in the *Observatories' Year Book*; they first appeared in the *Monthly Weather Report* in 1935. 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 for each element as representative of each district. There are ten districts. Northern Ireland is one, each of the other nine being made up of a number of adjacent counties in Britain broadly grouped according to their general climatic features. The districts, and the positions of the stations used in each district are shown in the frontispiece.
3. Table II. Summary of autographic records of wind.
4. A plate of four maps showing:
  - (i) The distribution of pressure based on observations at selected stations at 0900 GMT. The isobars are extended over the Irish Republic from data kindly supplied by the Director of the Meteorological Service, Dublin. Dotted lines show the 1931–60 average distribution of pressure at 0900 GMT.
  - (ii) The distribution of mean air temperature at sea level over the land. Mean sea temperature in coastal waters is shown in circles round the coast. The names of the lighthouses and lightships making these observations are given in the frontispiece of this Introduction.
  - (iii) The distribution of bright sunshine in hours per day.
  - (iv) Difference of mean 30-cm earth temperature from 1931–60 average.
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 mean and extreme air temperature, mean earth temperature at 30 cm and 122 cm, rainfall, weather and sunshine observations. Differences from average or percentages of average are given when available for air temperature, rainfall and sunshine.
7. Table IV. Summaries of the observations of pressure, temperature, humidity, cloud, visibility and wind, made at fixed hours 0300, 0900, 1500 and 2100 GMT.
8. Table VIII. Monthly frequencies of maximum and minimum temperatures at 20 selected stations.
9. Table XIII. Solar radiation and illumination at certain stations.
10. Additions and corrections to tables published in previous months.

## 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. 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.

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\* London Meteorological Office; *Observer's Handbook*, 2nd Edn. London H.M.S.O. 1956



3. Table V. Highest and lowest maximum and minimum temperature during the year at each station.
  4. Table VI. Monthly frequencies of duration of bright sunshine at 20 selected stations.
  5. Table VII. Frequency of specified daily rainfall totals for 30 selected stations.
  6. Table IX. A summary of autographic records of wind corresponding to Table II in the monthly parts of the report.
  7. Table X. The number of hours during the year with gusts exceeding (a) 33 knots and (b) 47 knots at each anemograph station.
  8. Table XI. Occasions of 'strong gales' during the year.
  9. Table XII. Dates on which gusts exceeded 47 knots during the year.
- The wind section comprises Tables IX, X, XI and XII.

#### NOTES ON THE TABLES

TABLE I. DISTRICT VALUES

A table in this form was started in 1908, and was revised in 1928, 1941, 1956, 1964 and 1966.

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; these values 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.	No.	Station	Element	Dist.	No.	Station	Element	Dist.	No.	Station	Element	
0	1	Lerwick	TR - - S	2	1	Cockle Park	TR E1 E2 S	7	1	Newton Rigg	TR - - S	
	2	Wick	TR - - S		2	Durham	TR E1 E2 S		2	Spadeadam	- E1 E2 -	
	3	Achany	- E1 E2 -		3	Scarborough	TR - - S		3	Stonyhurst	TR - - S	
	4	Stornoway	TR - - S		4	Hull	TR E1 E2 S		4	Nelson	- E1 E2 -	
	5	Fortrose	TR - - S		5	Lincoln	- E1 E2 -		5	Bidston	TR - - S	
	6	Isle of Rhum	- E1 E2 -		6	Cranwell	TR E1 E2 S		6	Ringway	TR - - S	
	7	Onich	TR - - S	3	1	Sproston	TR - - S		7	Valley	TR - - S	
	8	Fort William	- E1 E2 -		2	Gorleston	TR E1 E2 S		8	Wrexham	- E1 E2 -	
1	1	Forres	TR E1 E2 S		3	Cambridge	TR E1 E2 -	8	1	Llandrindod Wells	TR - - S	
	2	Craibstone	TR E1 E2 S		4	Cambridge	- - - S		2	Swansea	- E1 E2 -	
	3	Mylnefield	- E1 E2 -		5	N.I.A.B.	- - - S		3	Cardiff	TR E1 E2 S	
	4	Dundee	TR - - -		6	Woburn	- E1 E2 -		4	Long Ashton	TR - - S	
	5	Arbroath	- - - S		7	Rothamsted	TR E1 E2 S		5	Plymouth,	- E1 E2 -	
	6	Strathyre	- E1 E2 -		8	Shoeburyness	TR - - S		6	The Hoe	TR - - S	
	7	St. Andrews	- E1 E2 -	- E1 E2 -	7	Clacton-on-Sea	- E1 E2 -		7	Teignmouth	- E1 E2 -	
	8	Edinburgh	TR - - S	4	1	Huddersfield	- - - S		8	Rosewarne	TR - - S	
	9	Berwick	TR - - S		2	Bradford	TR E1 E2 -	NORTHERN IRELAND	TR	- - - S		
6	1	Tiree	TR - - S		3	Buxton	- E1 E2 -		1	Ballykelly	T - - S	
	2	Rothesay	TR - - S		4	Nottingham	TR - - S		2	Moneydig	T - - -	
	3	Stirling	- E1 E2 -		5	Raunds	TR E1 E2 S		3	Aldergrove	T - - S	
	4	Paisley	- E1 E2 -		6	Oxford	TR E1 E2 S		4	Hillsborough	- - - S	
	5	Abbotsinch	TR - - S		7	Ross-on-Wye	TR E1 E2 S		5	Armagh	T - - S	
	6	Auchincruive	- E1 E2 -	5	1	Kew	TR E1 E2 S		6	Castle Archdale Forest	T - - S	
	7	Dumfries	TR E1 E2 S		2	Wisley	- E1 E2 -					
	8	Eskdalemuir	TR E1 E2 S		3	Margate	- E1 E2 -					
			4		East Malling	TR - - S						
			5		Hastings	TR E1 E2 S						
			6		Reading	- E1 E2 -						
			7		Southampton	TR - - S						
			8		Porton	TR - - S						

In the above table TR stands for temperature and rainfall, E1 and E2 for earth temperature at 30 cm and 122 cm respectively and S for sunshine. The stations are numbered in each district in order to show their positions in the frontispiece.

Stations used for computing 'district values' of temperature and rainfall are marked in Table III by the sign ¶, those for sunshine by the sign §, and those for earth temperatures the sign ε.

TABLE II. SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

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

The majority of the records used in the preparation of this table are obtained from electrical recorders; the remainder are obtained from pressure-tube anemographs.

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



#### 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 edn, page 74). For an anemograph complying with the specification 'head 10 m (33 ft.) 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 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. All heights quoted in Table II are given in metres.

The duration in each category is the number of 60-minute periods ending 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 ending 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.

Values in square brackets [ ] are highest values recorded but, owing to defective records, may not be the extreme values for the month or year.

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 0900 GMT 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 0900 to 2100 GMT and the night-minimum for the period 2100 to 0900 GMT are utilized 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 obtained from thermometers exposed in white-painted louvered screens supported over short grass in the open, the bulbs of the thermometers being approximately 1.2 m above ground. The nearest object should be at least twice its height away from the screen. At Kew the thermometers are 3.1 m above the ground in a louvered screen on the north wall.

#### EARTH TEMPERATURE

Measurements of earth temperature are taken at 0900 GMT from thermometers suspended in steel tubes sunk vertically in the ground, the bulbs of the thermometers being at depths of 30 and 122 cm. 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 0900 to 0900 GMT, and as the greater part of this period occurs on the day previous to that of reading, the amount is credited to the previous day. That is, the amount read at 0900 GMT 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. From January 1967 all rainfall measurements are given in millimetres.

#### WEATHER

*Number of days of precipitation.* Every day when rainfall (over the 24-hour period 0900 to 0900 GMT) exceeds the limits 0.2 mm (0.01 inch) and 1 mm (0.04 inch) 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 (rain or drizzle and snow) 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 0900 GMT.* Every day when snow is lying at 0900 GMT is counted, provided the snow covers half or more of the flat ground easily visible from the station and that this ground does not differ by more than 30 m from the altitude of the station. 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 0900 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 1000 metres (1100 yards) at 0900 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 if the screen minimum temperature, read either at the terminal hour of 0900 or 2100 GMT, was below 0°C.

*Grass minimum below 0°C.* A day of grass minimum temperature below 0°C is entered if the reading of the grass minimum thermometer at 0900 GMT was below 0°C, the thermometer having been set and exposed at 2100 GMT or soon after sunset the previous evening, or, at stations where this is not possible, at 0900 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 0900 to 0900 GMT or to the shorter period covering the whole night (e.g. sunset to 0900 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 knots 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 observations.

Since January 1945 the hours of observation have been 0300, 0900, 1500, 2100 GMT and from that date departures from the average pressure at 0900 GMT have been given.

#### MEAN AIR PRESSURE

This is expressed in millibars (1 millibar=1,000 dynes per square centimetre=the pressure due to 0.750062 mm of mercury at 0°C, and standard gravity 980.665 cm/s<sup>2</sup>). The corrections for gravity, temperature and height have been applied to the barometer readings so as to obtain pressure at mean sea level.

#### HUMIDITY

The values are based on readings of dry- and wet-bulb thermometers in louvered screens and are derived from Hygro-metric Tables (based on a formula by Regnault) issued by the Meteorological Office in a revised form in 1964. At most stations the daily values of relative humidity and vapour pressure are found and the monthly means are computed therefrom. 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. These stations are 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 and '8' to overcast; '9' indicates 'sky obscured or cloud amount cannot be estimated'.

#### VISIBILITY

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

#### WIND SUMMARIES

At stations where there are anemographs the mean speed over the 10 minutes ending at the hour (corrected to a height of 10 metres) 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 specified in the international forms of monthly climatological summaries (Formats I to IV of Annexe 12A of the *Guide to Climatological Practices*, World Meteorological Organization, Geneva): and they give in addition, information regarding the duration of bright sunshine, mean earth temperatures at 30 cm and 122 cm, the number of observations of different ranges of visibility and the number of observations of the different total amounts of cloud. All rainfall figures are quoted in millimetres, visibility ranges in metres and kilometres, earth temperature depths in centimetres and all heights in metres.

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

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



### TABLE XIII. SOLAR RADIATION AND ILLUMINATION

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

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

If in any month the data for any days are incomplete owing to instrumental or other faults, these data are completed if at all possible by estimated values, using other available radiation data. 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 the 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 January 1966, if the extreme value has been obtained from data which have been partly or wholly estimated then the value is given in brackets.

From 1 January 1957, the radiation values have been 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 a station above mean sea level, given in Table III, refers to the height above the 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 the Ordnance Datum of the barometer cistern. A note on the errors arising from differences between the old Liverpool Ordnance Datum and the Newlyn Ordnance Datum adopted in Great Britain in 1933 was included in the Introduction for 1953. From 1 January 1964 altitudes in Northern Ireland refer to the Belfast Datum. On the average the Belfast Datum is about 0.3 m lower than the Newlyn Datum. All heights are given in metres.

### 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 1916–50 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 0900 GMT for the period 1931–60 and have been 'weighted' where necessary.

#### TEMPERATURE AND SUNSHINE (TABLE III)

The averages refer to the period 1931–60 and are given in *Averages of temperature for Great Britain and Northern Ireland, 1931–60* (M.O.735) and *Averages of bright sunshine for Great Britain and Northern Ireland, 1931–60* (M.O.743) respectively.

#### EARTH TEMPERATURES 30 CM AND 122 CM

The averages refer to the period 1931–60 and are given in *Averages of earth temperature at depths of 30 and 122 cm for the United Kingdom, 1931–1960* (M.O.794) to be published during 1968.

### STANDARDS OF TIME

All time entries in the *Monthly Weather Report* are in Greenwich Mean Time. Observations were made at the same hours Greenwich Mean Time throughout the year even though British Summer Time (1 hour in advance of GMT) was in force from 19 March to 29 October.

### INTERPOLATED VALUES

When the observations from any station for a particular month are incomplete it may be possible, using reports from neighbouring stations, to estimate approximate values for the missing observations. Such estimates may be used for completing station mean values published in Tables III and IV, but values obtained in this way are shown in brackets thus: (11.3).



# SEA TEMPERATURE

Mean sea-surface temperatures for the months of the year 1967 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.

## LIST OF STATIONS MAKING RETURNS

The following is a complete list of climatological stations in Tables III and IV and of anemograph stations in Table II. The last list was published in 1966 but this year additional information is given.

Stations which send in monthly returns of observations 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 list hereunder the alphabetical order is adopted. National Grid References are given for each station as well as latitude and longitude to the nearest minute. The year in which data for each station were first published is shown and a column indicating the type of station is given 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 0900 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 also, in some places, at 9 a.m. clock time when this differs from 0900 GMT) and these 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.

Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
Abbotsinch (Renfrew)	SaA	1966	55 52N	04 26W	26-480667	Meteorological Office
Aber (Caernarvon)	Ag	1925	53 14N	04 01W	23-650728	Professor of Agriculture
Aberdeen (Aberdeen)	C	1950	57 08N	02 08W	38-915042	Town Clerk
Aberporth (Cardigan)	SaA	1942	52 08N	04 34W	22-242521	Meteorological Office
<i>Aberystwyth</i> (Cardigan)	H	1883	52 25N	04 04W	22-580815	Town Clerk
<i>Aberystwyth</i> Frongoch (Cardigan)	Ag	1925	52 25N	04 03W	22-605825	University College of Wales
Abingdon (Berkshire)	SaA	1944	51 41N	01 19W	41-482990	Meteorological Office
Achaglachgach (Argyll)	C	1959	55 49N	05 31W	16-813643	Forestry Commission (Scotland)
Achany (Sutherland)	C	1957	57 59N	04 25W	29-569018	Forestry Commission (Scotland)
<i>Achentoul</i> (Sutherland)	C	Not publ.	58 18N	03 55W	29-873354	Sir Harold Nutting Bt.
Achfary (Sutherland)	C	1967	58 19N	04 55W	29-293396	Her Grace, Anne, Duchess of Westminster
Anchnagoichan (Inverness)	C	1961	57 09N	03 48W	28-913082	The Nature Conservancy
Achnashellach (Ross and Cromarty)	C	1923	57 29N	05 16W	28-038492	Forestry Commission (Scotland)
Acklington (Northumberland)	Sa	1945	55 18N	01 38W	46-225007	Meteorological Office
Addington (Greater London)	C	1891	51 32N	00 04W	51-352643	Croydon Corporation
<i>Aigburth</i> (Lancashire)	CA	Not publ.	54 22N	02 55W	33-384852	Liverpool Education Committee
<i>Aldeburgh</i> (Suffolk)	Sb	1964	52 09N	01 36E	62-465563	Board of Trade
Aldenharn School (Hertford)	C	1965	51 40N	00 20W	51-157972	Mr. D. H. Robertson
Aldergrove (Antrim)	SaA	1927	54 39N	06 13W	1J(33)-147798	Meteorological Office
Alderney (Channel Isles)	C	1958	49 42N	02 13W	555-564065	Clerk of the States of Alderney
Alice Holt Lodge (Hampshire)	Ag	1950	51 11N	00 51W	41-804430	Forestry Commission
Altnahinch Filters (Antrim)	C	1966	55 03N	06 15W	ID(34)-117236	Ballymoney R.D.C.
Alwen (Denbigh)	C	1958	53 04N	03 33W	23-956528	Wirral Water Board
Ambleside (Westmorland)	C	1931	54 26N	02 57W	35-372040	Lakes Urban District Council
Amersham (Buckingham)	A	1964	51 22N	01 09W	41-975975	U.K. Atomic Energy Authority
Ampleforth (Yorks., N.R.)	C	1904	54 12N	01 05W	44-598789	Rev. M. R. Everest, O.S.B., B.A.
Arbroath (Angus)	C	1914	56 33N	02 35W	37-649411	Town Council
Ardtalnaig (Perth)	C	1959	56 32N	04 07W	27-702394	Mr. M. K. Browne
Armagh (Armagh)	C	1869	54 21N	06 39W	IH(23)-878458	Armagh Observatory
<i>Aros</i> (Argyllshire)	C	Not publ.	56 32N	05 59W	17-553443	Forestry Commission (Scotland)
<i>Ashintully Castle</i> (Perth)	C	Not publ.	56 44N	03 28W	37-101613	Mr. W. H. Atkinson-Clark
<i>Ashover</i> (Derbyshire)	C	Not publ.	53 09N	01 28W	43-347633	Mr. H. Martin
Askham Bryan (Yorks., W.R.)	Ag	1936	53 57N	01 05W	44-552475	Principal, Institute of Agriculture
Auchincruive (Ayr)	Ag	1932	55 29N	04 34W	26-389236	Secretary, W. Scotland Agric. College
Avonmouth (Gloucester)	A	1954	51 30N	02 43W	31-505787	Port of Bristol Authority
Aylesbury (Buckingham)	Ag	1945	51 47N	00 47W	42-842114	County Education Committee



Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
<i>Bailrigg</i> (Lancashire)	C	Not publ.	54 05N	02 47W	34-485580	University of Lancaster
<i>Ballingry</i> (Fife)	C	1962	56 10N	03 19W	36-180972	Headmaster, Ballingry Secondary School
<i>Ballyhalbert</i> (Down)	Sun	1961	54 30N	05 29W	IJ(33)-651634	Mr. T. D. Boyd
<i>Ballykelly</i> (Londonderry)	SaA	1949	55 04N	07 01W	IC(24)-624235	Meteorological Office
<i>Ballylumford</i> (Antrim)	CA	Not publ.	54 51N	05 47W	ID(34)-424017	Electricity Board (N.I.)
<i>Ballymoney</i> (Antrim)	C	1965	55 04N	06 31W	IC(24)-943259	Headmaster, Dalriada School
<i>Ballypatrick Forest</i> (Antrim)	C	1962	55 10N	06 09W	ID(34)-176387	Forestry Division (N.I.)
<i>Balmacara House</i> (Ross and Cromarty)	C	1953	57 17N	05 39W	18-800276	Principal, Balmacara House
<i>Balmoral</i> (Aberdeen)	C	1906	57 02N	03 12W	37-260947	Balmoral Estate Office
<i>Baltasound</i> (Zetland)	C	1908	60 46N	00 53W	42-609090	Mr. S. S. S. Polson
<i>Banchory</i> (Kincardine)	C	Not publ.	57 03N	02 30W	37-700957	Mr. L. E. Bromfield
<i>Banff</i> (Banff)	C	1915	57 40N	02 31W	38-689647	Town Clerk
<i>Bardsey Island</i> (Caernarvon)	Sb	1961	52 45N	04 48W	23-111206	Trinity House
<i>Bargrennan</i> (Kirkcudbright)	C	1959	55 04N	04 34W	25-361789	Forestry Commission (Scotland)
<i>Baronscourt Forest</i> (Tyrone)	C	1962	54 41N	07 27W	IH(23)-361843	Forestry Division (N.I.)
<i>Barr</i> (Ayr)	C	1959	55 13N	04 43W	25-287943	Forestry Commission (Scotland)
<i>Barrhead</i> (Renfrew)	C	1957	55 49N	04 23W	26-511601	Borough Surveyor
<i>Bath C.B.S.</i> (Somerset)	C	1960	51 22N	02 22W	31-751638	Senior Geography Master
<i>Beaghs Forest</i> (Antrim)	C	Not publ.	55 04N	06 11W	ID(34)-162273	Forestry Division (N.I.)
<i>Bedford R.A.E.</i> (Bedford)	A	1964	52 13N	00 29W	52-049607	R.A.E. Bedford
<i>Belfast Harbour</i> (Antrim)	A	Not publ.	54 38N	05 53W	IJ(33)-363777	Belfast Harbour Commissioners
<i>Bell Rock</i> (Angus)	A	1930	56 26N	02 24W	37-763272	Northern Lighthouse Board
<i>Belper</i> (Derby)	C	1910	53 01N	01 29W	43-346468	Headmaster, Herbert Strutt School
<i>Benbecula</i> (Inverness)	SaA	1943	57 28N	07 22W	08-782555	Meteorological Office
<i>Benmore Younger Bot. Gdn.</i> (Argyll)	C	1961	56 01N	04 59W	26-141856	Regius Keeper, Royal Bot. Gdn.
<i>Berkeley</i> (Gloucester)	A	Not publ.	51 41N	02 30W	31-657995	Central Electricity Generating Board
<i>Berwick-on-Tweed</i> (Northumberland)	C	1924	55 46N	02 00W	46-002528	Borough Surveyor
<i>Bessbrook</i> (Armagh)	Sun	1961	54 12N	06 24W	IJ(33)-051284	Mr. J. S. W. Richardson
<i>Bexhill</i> (Sussex)	H	1908	50 50N	00 28E	51-737072	Borough Council
<i>Bidston</i> (Cheshire)	CA	1915	53 24N	03 04W	33-287897	The Director of Observatory
<i>Binbrook</i> (Lincoln)	SaA	1964	53 26N	00 12W	53-196958	Meteorological Office
<i>Birmingham King Edw. School</i> (Warwick)	C	1960	52 27N	01 55W	42-051835	Chief Master, King Edwards School
<i>Black Mountain</i> (Antrim)	Sb	1964	54 35N	06 01W	IJ(33)-278727	Independent Television Authority
<i>Blaenau Ffestiniog</i> (Merioneth)	C	1957	52 59N	03 56W	23-701458	Headmaster, County School
<i>Blaigowrie</i> (Perth)	C	1961	56 35N	03 21W	37-175438	Parks Superintendent
<i>Bletchley</i> (Buckingham)	C	1963	52 00N	00 44W	42-867336	Headmaster, Grammar School
<i>Blyth Bridge</i> (Peebles)	Ag	1958	55 42N	03 22W	36-141463	Secretary, Animal Breeding Research Org.
<i>Bodiam</i> (Sussex)	C	1940	51 00N	00 33E	51-785249	Guinness Hop Farms Limited
<i>Bognor Regis</i> (Sussex)	H	1940	50 47N	00 41W	40-934989	Urban District Council
<i>Boscombe Down</i> (Wiltshire)	SaA	1931	51 10N	01 45W	41-172403	Meteorological Office
<i>Bolton</i> (Lancashire)	C	Not publ.	53 35N	02 27W	34-724116	Corporation of Bolton
<i>Botwnnog</i> (Caernarvon)	C	1961	52 51N	04 34W	23-263313	Headmaster, Botwnnog School
<i>Bournemouth</i> (Hampshire)	H	1892	50 43N	01 53W	40-017917	Medical Officer of Health
<i>Bovingdon</i> (Hertford)	Sa	1956	51 43N	00 32W	52-007038	Meteorological Office
<i>Bowhill</i> (Selkirk)	C	1956	55 32N	02 54W	36-427273	Factor, Buccleuch Estates Limited
<i>Boxworth</i> (Cambridge)	Ag	1952	52 15N	00 01W	52-346640	Director, Exp. Husbandry Farm
<i>Bracknell</i> (Berkshire)	C	1963	51 25N	00 45W	41-874693	Meteorological Office
<i>Bracknell</i> (Easthampsted) (Berkshire)	Sun	1963	51 24N	00 44W	41-874693	Meteorological Office
<i>Bradford</i> (Yorks., W.R.)	C	1908	53 49N	01 46W	44-149352	Corporation of Bradford
<i>Bradwell Bay</i> (Essex)	A	Not publ.	51 44N	00 54E	52-996080	Central Electricity Generating Board
<i>Braemar</i> (Aberdeen)	C	1880	57 00N	03 24W	37-152914	Mr. J. C. Donaldson
<i>Bramham</i> (Yorks., W.R.)	Ag	1954	53 52N	01 20W	44-431412	Professor of Agriculture, Leeds University
<i>Brawdy</i> (Pembroke)	CA	1959	51 53N	05 09W	12-844244	Commanding Officer, Royal Naval Air Station
<i>Bridgnorth</i> (Shropshire)	Sun	1963	52 32N	02 25W	32-709932	Mr. H. E. Trevor
<i>Bridlington</i> (Yorks., E.R.)	H	1954	54 06N	00 12W	54-175689	East Yorkshire (Wolds Area) Water Board
<i>Brigg</i> (Lincoln)	C	1965	53 34N	00 29W	54-002083	Mr. R. Williamson
<i>Brighton</i> (Sussex)	H	1949	50 49N	00 08W	51-313054	Manager, Entertainments & Publicity Dept.
<i>Brodick Castle</i> (Bute)	C	1966	55 36N	05 09W	26-013377	The National Trust for Scotland
<i>Bromley</i> (Greater London)	C	1927	51 24N	00 01E	51-399693	Borough Engineer
<i>Broom's Barn</i> (Suffolk)	Ag	1965	52 16N	00 34E	52-753657	Dr. R. Hull, Broom's Barn Exp. Station
<i>Bryn Adda</i> (Caernarvon)	Ag	1955	53 13N	04 09W	23-563705	Professor Harper, University College of N. Wales
<i>Buddon Ness</i> (Angus)	C	1943	56 28N	02 44W	37-539309	Dundee Harbour Trust
<i>Bude</i> (Cornwall)	C	1913	50 50N	04 33W	21-208068	Urban District Council
<i>Bugbrooke Mills</i> (Northampton)	C	1963	52 13N	01 00W	42-681586	Messrs. Heygates Ltd.
<i>Burghfield</i> (Berkshire)	A	Not publ.	51 25N	01 01W	41-686683	Royal Ordnance Factory
<i>Burlingham</i> (Norfolk)	Ag	1950	52 38N	01 30E	63-373101	Norfolk Education Committee
<i>Burnley</i> (Lancashire)	C	1959	53 47N	02 15W	34-855353	Medical Officer of Health
<i>Bush House</i> (Midlothian)	Ag	1954	55 51N	03 12W	36-244636	Secretary, School of Agriculture
<i>Buxton</i> (Derby)	C	1875	53 15N	01 55W	43-059738	Borough Librarian & Curator
<i>Bwlchgwyn</i> (Denbigh)	C	1950	53 04N	03 08W	33-236520	Secretary, Wrexham & E. Denbighshire Water Co.
<i>Cairngorm</i> (Inverness)	CA	1964	57 08N	03 39W	38-005049	Cairngorm Wintersports Development Board
<i>Caistor</i> (Lincoln)	C	1965	53 30N	00 22W	54-082019	Cherry Valley Farms Ltd.
<i>Caldecott</i> (Leicester)	C	1958	52 31N	00 44W	42-864934	Corby and District Water Co.
<i>Callander</i> (Perth)	C	Not publ.	56 15N	04 12W	27-634080	Town Clerk
<i>Calshot</i> (Hampshire)	A	1921	50 49N	01 18W	41-486018	Harbour Master



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Cambridge Bot. Gdn. (Cambridge)	C	1904	52 12N	00 08E	52-453572	Director, University Botanic Gdns.
Cambridge N.I.A.B. (Cambridge)	Ag	1960	52 13N	00 06E	52-434606	Director, National Institute of Agric. Botany
Camden Square (Greater London)	C	1958	51 33N	00 08W	51-296845	Secretary, Royal Meteorological Society
Campbeltown (Argyll)	C	1961	55 26N	05 36W	16-721208	Town Clerk
Camps. Reservoir (Lanark)	C	1964	55 29N	03 35W	26-997226	County Water Engineer
Cannich (Inverness)	C	1957	57 17N	04 49W	28-297259	Forestry Commission (Scotland)
Cannington (Somerset)	Ag	1929	51 09N	03 04W	31-258400	Principal, Somerset Farm Institute
Cape Wrath (Sutherland)	Sb	1941	58 37N	05 00W	29-259747	Northern Lighthouse Board
Cardiff (Glamorgan)	C	1904	51 30N	03 10W	31-195793	Medical Officer of Health
Cardington (Bedford)	SaA	1954	52 07N	00 25W	52-081464	Meteorological Office
Carlisle (Cumberland)	SaA	1961	54 56N	02 57W	35-384603	Meteorological Office
Carmarthen (Carmarthen)	Ag	1963	51 51N	04 18W	22-413183	Carmarthenshire Education Committee
Carnoustie (Angus)	C	1951	56 30N	02 43W	37-558344	Borough Surveyor
Carnwath (Lanark)	C	1953	55 42N	03 38W	26-974464	Lee and Carnwath Estates
Carrigans (Tyrone)	SbA	1964	54 40N	07 19W	IH(23)-435810	Mr. R. J. McConnell
Castle Archdale Forest (Fermanagh)	CA	1964	54 28N	07 42W	IH(23)-189593	Forestry Division (N.I.)
Castle Douglas (Kirkcudbright)	Sun	1955	54 57N	03 53W	25-789629	Imperial Chemical Industries Ltd.
Cawood (Yorks., W.R.)	Ag	1953	53 50N	01 08W	44-561366	Director, Experimental Husbandry Stn.
Ceinws (Montgomery)	C	1962	52 38N	03 50W	23-758060	Forestry Commission
Cenarth Mill (Radnor)	Sb	Not publ.	52 23N	03 30W	22-978778	Mr. T. I. Evans
Chapelcross (Dumfries)	A	1965	55 01N	03 13W	35-220698	Health and Safety Division
Chatsworth (Derby)	C	Not publ.	53 14N	01 37W	43-261701	Trustees of Chatsworth Settlement
Cheddar Secondary School (Somerset)	C	Not publ.	51 16N	02 47W	31-456532	Headmaster, Kings of Wessex, Secondary School
Cheltenham (Gloucester)	C	1962	51 54N	02 03W	32-946218	Town Clerk
Chiseldon (Wiltshire)	C	1962	51 31N	01 42W	41-190800	Mr. N. Brooks
Chivenor (Devon)	SaA	1950	51 05N	04 09W	21-494347	Meteorological Office
Chopwellwood (Durham)	C	1911	54 55N	01 47W	45-136580	Forestry Commission
Christchurch (Hampshire)	C	1958	50 44N	01 47W	40-155937	Chief Engineer, W. Hants. Water Co.
Church Fenton (Yorks., W.R.)	A	Not publ.	53 50N	01 12W	44-528380	Meteorological Office
Church Stretton (Shropshire)	Sun	1960	52 31N	02 50W	32-438909	Surveyor, U.D.C.
Cirencester (Gloucester)	Ag	1956	51 43N	01 57W	42-005013	Principal, Royal Agricultural College
Clacton-on-Sea (Essex)	H	1902	51 47N	01 09E	62-172143	Urban District Council
Clatteringshaws (Kirkcudbright)	C	1964	55 05N	04 16W	25-554780	South of Scotland Electricity Board
Clee Hill (Shropshire)	Sb	1967	52 24N	02 35W	32-599779	Ministry of Aviation
Cleethorpes (Lincoln)	H	1956	53 33N	00 01W	54-314079	Engineer and Surveyor
Coatbridge (Lanark)	C	1952	55 51N	04 03W	26-712643	Manager, Sewage Works
Cockle Park (Northumberland)	Ag	1898	55 13N	01 41W	45-201912	Professor of Agriculture, King's College
Coire Cas Shielling (Inverness)	C	1964	57 08N	03 39W	28-995054	Cairngorm Wintersports Development Board
Colonsay (Argyll)	C	1935	56 05N	06 11W	16-393966	Rt. Hon. Lord Strathcona
Coltishall (Norfolk)	Sa	1964	52 46N	01 21E	63-262229	Meteorological Office
Colwyn Bay (Denbigh)	H	1908	53 17N	03 43W	23-857786	The Borough Treasurer
Compton (Berkshire)	Ag	1960	51 31N	01 15W	41-519802	Agricultural Research Council
Cookstown (Tyrone)	Ag	1963	54 36N	06 45W	IH(23)-816748	Loughry Agriculture College
Corbridge (Northumberland)	C	1963	54 53N	02 00W	35-988651	Headmaster, Corbridge County Secondary School
Corpach (Inverness)	C	Not publ.	56 50N	05 09W	27-080764	Scottish Pulp and Paper Mills
Corwen (Merioneth)	Ag	1959	52 57N	03 25W	33-048399	Animal Breeding Research Organisation
Coryton (Essex)	A	1957	51 30N	00 31E	51-746823	Refinery Manager, Mobil Oil Co. Ltd.
Coventry (Warwick)	C	1966	52 24N	01 34W	42-290780	Medical Officer of Health
Craibstone (Aberdeen)	Ag	1931	57 11N	02 12W	38-872107	Secretary, N. Scotland Agricultural College
Craighouse (Argyll)	C	1964	55 51N	05 57W	16-528680	Forestry Commission (Scotland)
Cranwell (Lincoln)	SaA	1920	53 02N	00 30W	53-003494	Meteorological Office
Crawfordjohn (Lanarkshire)	Sb	1967	55 30N	03 46W	26-879239	Capt. J. Ross
Creightons Green (Down)	C	1961	54 38N	05 47W	IJ(33)-431789	Mr. J. Boyd
Cricket Malherbie (Somerset)	C	Not publ.	50 55N	02 55W	31-362126	Mrs. H. Taylor
Cromer (Norfolk)	H	1902	52 56N	01 17E	63-208422	Urban District Council
Crossgar (Down)	C	1963	54 24N	05 45W	IJ(33)-460524	Mr. T. J. MacMillan
Cross Island (Down)	Sun	1966	54 31N	05 38W	IJ(33)-529649	Mr. D. Chamberlain
Crossmyloof (Lanark)	C	1963	55 50N	04 17W	26-572627	Headmaster, Hutcheson's Boys Grammar School
Crumblant Plantation (Monmouth)	Ag	1958	51 43N	02 46W	32-474024	Forestry Commission
Culdrose (Cornwall)	C	1961	50 05N	05 14W	10-669264	C.O., Royal Naval Air Station
Cumbernauld (Dumbarton)	CA	1962	55 58N	03 58W	26-772760	Chief Architect and Planning Officer
Cupar (Fife)	C	1956	56 20N	02 59W	37-388152	General Manager, British Sugar Corpn. Ltd.
Cwm Dyli (Caernarvon)	C	1960	53 04N	04 00W	23-653541	Nature Conservancy
Cwmystwyth (Cardigan)	Ag	1960	52 10N	03 42W	22-775745	Director, Pwllpeiran Exp. Husbandry Farm
Dale Fort (Pembroke)	C	1952	51 42N	05 09W	12-823052	Field Studies Council
Dall (Perth)	C	1962	56 41N	04 18W	27-594565	Headmaster, Rannoch School
Dalmacallan (Dumfries)	C	1959	55 11N	03 53W	25-799891	Forestry Commission (Scotland)
Dartford (Kent)	C	1951	51 26N	00 13E	51-542736	Borough Engineer and Surveyor
Davidson's Mains (Midlothian)	C	1949	55 58N	03 17W	36-199757	Mr. J. W. Younger
Deal (Kent)	Sb	1966	51 14N	01 24E	61-377536	Board of Trade (Coastguard Section)
Deal (Time Ball Tower) (Kent)	Sun	1966	51 13N	01 24E	61-377525	Entertainments and Publicity Manager
Derby (Derby)	C	1956	52 56N	01 28W	43-359367	Borough Engineer and Surveyor
Derrynoyd Forest (Londonderry)	C	1962	54 47N	06 48W	IH(23)-770956	Forestry Division (N.I.)
Dinnnet (Aberdeen)	Ag	1963	57 07N	02 55W	38-446025	North of Scotland School of Agriculture
Divis Mountain (Antrim)	C	Not publ.	54 36N	06 00W	IJ(33)-287751	Queen's University
Douglas (Isle of Man)	H	1908	54 10N	04 29W	24-382776	Borough Surveyor
Dounreay (Caithness)	CA	1959	58 35N	03 44W	29-990670	U.K. Atomic Energy Authority



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Dover (Kent)	CA	1873	51 07N	01 19E	61-320410	Borough Engineer
Dover, R.M.S. (Kent)	C	Not publ.	51 07N	01 19E	61-327439	Headmaster, Royal Military School
Dovercourt (Essex)	H	1957	51 55N	01 15E	62-242301	Borough Engineer and Surveyor, Harwich
Duirinish (Ross and Cromarty)	A	1960	57 19N	05 41W	18-776315	British Transport Commission
Dumfries (Dumfries)	C	1907	55 04N	03 36W	25-980746	Physician Supt., Crichton Royal Institute
Dunbar (East Lothian)	H	1933	56 00N	02 31W	36-672791	Borough Surveyor
Dunblane (Perth)	C	Not publ.	56 11N	03 58W	27-776011	Borough Surveyor
Dundee (Angus)	C	1865	56 28N	02 56W	37-435310	Director of Studies, Training College
Dundee Harbour (Angus)	C	Not publ.	56 28N	02 58W	37-411302	Dundee Harbour Trust
Dundeugh (Kirkcudbright)	C	1959	55 10N	04 12W	25-598879	Forestry Commission (Scotland)
Dungeness (Kent)	SbA	1956	50 55N	00 58E	61-094169	Trinity House
Duntulm (Inverness)	C	1934	57 39N	06 22W	18-399718	Mr. Seton Gordon, C.B.E.
Durham (Durham)	CA	1851	54 46N	01 35W	45-267416	Director, University Observatory
Dyce (Aberdeen)	SaA	1943	57 12N	02 12W	38-883125	Meteorological Office
Earls Colne (Essex)	C	1959	51 55N	00 42E	52-858288	Headmaster, Grammar School
Earls Hill (Stirling)	Sb	1963	56 04N	04 03W	26-725882	The Station Engineer
East Bergholt (Suffolk)	C	1954	51 57N	01 02E	62-077333	Director, Field Studies Council
Eastbourne (Sussex)	H	1946	50 46N	00 17E	50-611980	Medical Officer of Health
Eastbourne Coastguard (Sussex)	Sb	1959	50 46N	00 18E	50-622999	Board of Trade (Coastguard Section)
East Dereham (Norfolk)	C	1967	52 41N	00 57E	53-994138	Mr. H. A. J. Gray
East Hoathly (Sussex)	Sb	1964	50 55N	00 09E	51-512147	Decca Navigation
East Malling (Kent)	Ag	1925	51 17N	00 27E	51-711568	Director, Research Station
Eastwick Lodge (Hertford)	C	1952	51 47N	00 05E	52-447115	Chief Engineer, Harlow Development Corp.
Edgbaston (Warwick)	SbA	1897	52 28N	01 56W	42-046846	University of Birmingham
Edinburgh:						
Blackford Hill (Midlothian)	CA	1914	55 55N	03 11W	36-258706	Astronomer Royal for Scotland
East Craigs (Midlothian)	Ag	1959	55 57N	03 19W	36-183735	Director, Dept. of Agriculture for Scotland
Royal Bot. Gdn. (Midlothian)	C	1940	55 58N	03 12W	36-247756	Curator, Royal Botanic Garden
Elgin (Moray)	C	1965	57 39N	03 17W	38-229630	Elgin Town Council
Ellbridge (Cornwall)	Ag	1930	50 27N	04 15W	20-401632	Director, Rosewarne E.H.S.
Elmdon (Warwick)	SaA	1950	52 27N	01 45W	42-171837	Meteorological Office
Elmstone (Kent)	C	1959	51 17N	01 10E	61-258605	Mr. J. B. Henderson
Eskdalemuir (Dumfries)	OA	1910	55 19N	03 12W	36-235026	Meteorological Office
Everton (Hampshire)	Ag	1955	50 44N	01 34W	40-303937	Director, Experimental Horticultural Station
Evie (Orkney)	C	1965	59 06N	03 05W	310-378247	Mr. John Will
Exeter (Devon)	Sa	1946	50 44N	03 25W	30-001933	Meteorological Office
Exeter Southam (Devon)	C	Not publ.	50 43N	03 30W	20-954919	S/Ldr. C. Chesterfield
Exmouth (Devon)	H	1914	50 36N	03 24W	30-026819	East Devon Water Board
Falkirk S. Wks. (Stirling)	C	1967	56 01N	03 46W	26-902820	Falkirk Town Council
Falmouth (Cornwall)	H	1869	50 09N	05 05W	10-802335	Town Clerk
Faskally (Perth)	C	1955	56 43N	03 46W	27-918599	Dept. of Agriculture and Fisheries for Scotland
Faversham (Kent)	Ag	1959	51 17N	00 52E	61-007593	Director, National Fruit Trials
Fernhurst (Sussex)	Ag	1952	51 02N	00 42W	41-906274	Plant Protection Ltd.
Fettercairn (Kincardine)	C	1949	56 54N	02 32W	37-669782	Manager, Hill Farm Research Organisation
Filey (Yorks., E.R.)	H	1956	54 13N	00 17W	54-113801	Clerk of the Council
Filton (Gloucester)	Sa	1950	51 31N	02 35W	31-598802	Meteorological Office
Finaghy (Antrim)	C	Not publ.	54 33N	05 58W	IJ(33)-309700	Mr. M. Fitzpatrick
Finchampstead (Berkshire)	Ag	1957	51 25N	00 55W	41-792633	Mr. J. R. Allison
Finnart (Dunbarton)	C	1965	56 07N	04 50W	26-241951	Supt., British Petroleum Co. Ltd.
Finningly (Nottingham)	Sa	1943	53 29N	01 00W	43-658995	Meteorological Office
Fleetwood (Lancashire)	A	1923	53 56N	03 01W	34-333482	Parks Superintendent
Folkestone (Kent)	H	1905	51 05N	00 11E	61-227358	Borough Engineer
Forres (Moray)	C	1935	57 37N	03 36W	38-047587	Town Clerk
Fort Augustus (Inverness)	C	1887	57 08N	04 40W	28-381091	Procurator, The Abbey
Fort Augustus (N.S.H.E.B.) (Inverness)	SbA	1966	57 08N	04 43W	28-356085	North of Scotland Hydro-Electric Board
Forth Road Bridge (West Lothian)	A	1967	56 00N	03 24W	36-125796	Forth Road Bridge Joint Board
Fortrose (Ross and Cromarty)	C	1911	57 35N	04 08W	28-749557	Town Clerk
Fort William (Inverness)	C	1960	56 50N	05 05W	27-123759	Headmaster, The Schoolhouse, Camaghael
Fowey (Cornwall)	C	1910	50 21N	04 38W	20-123514	Borough Surveyor
Fraserburgh (Aberdeen)	Sb	Not publ.	57 42N	02 00W	38-999675	Board of Trade (Coastguard Section)
Fyvie Castle (Aberdeen)	C	1959	57 27N	02 27W	38-764393	Sir Ian Forbes-Leith, Bart.
Galashiels (Selkirk)	C	Not publ.	55 37N	02 49W	36-479367	Water Officer (For Town Council)
Garstang (Lancashire)	Ag	1958	53 55N	02 48W	34-469480	Director, Nat. Inst. of Agr. Botany
Garston (Hertford)	CA	1961	51 42N	00 23W	52-125015	Director, Building Research Station
Garvagh Forest (Londonderry)	C	1962	54 58N	06 41W	IC(24)-836159	Forestry Division (N.I.)
Gateshead (Durham)	C	1953	54 57N	01 35W	45-268604	Chief Public Health Inspector
Gatwick (Surrey)	SaA	1959	51 09N	00 11W	51-265407	Meteorological Office
Gillingham (Kent)	C	1956	51 24N	00 34E	51-785693	Borough Engineer
Glamis Castle (Angus)	C	1957	56 37N	03 00W	37-388486	Earl of Strathmore
Glasgow Springburn (Lanark)	C	1910	55 53N	04 14W	26-610685	Director of Parks, The Corporation
Glenanne (Armagh)	SbA	1964	54 15N	06 30W	IH(23)-978354	Col. A. H. Glendinning
Glenbranter (Argyll)	C	1965	56 08N	05 02W	26-113978	Forestry Commission (Scotland)
Gleneagles (Perth)	C	1965	56 17N	03 45W	27-918112	British Transport Hotels
Glen Elvie (Argyll)	C	Not publ.	56 31N	05 01W	27-143475	Forestry Commission (Scotland)
Glenlee (Kirkcudbright)	Sb	1887	55 06N	04 11W	25-606805	South of Scotland Electricity Board
Glenlivet (Banff)	Sb	1965	57 21N	03 21W	38-188303	Mr. J. Williams



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Glenlochar Barrage (Kirkcudbright)	C	1954	54 52N	04 02W	25-732646	South of Scotland Electricity Board
Glenmore Lodge (Inverness)	Sb	1952	57 10N	03 40W	28-987095	Director of Field Studies
Glentress (Peebles)	C	1960	55 39N	03 08W	36-285397	Forestry Commission (Scotland)
Gloucester (Gloucester)	Sa	1962	51 52N	02 13W	32-851177	Meteorological Office
Goggerddan (Cardigan)	Ag	1956	52 26N	04 01W	22-627836	Director, Plant Breeding Station
Gordon Castle (Moray)	C	1908	57 37N	03 05W	38-350595	Col. G. C. Gordon Lennox, C.V.O., D.S.O.
Gorleston (Norfolk)	SbA	1915	52 35N	01 43E	63-534037	Board of Trade (Coastguard Section)
Goudhurst (Kent)	C	1939	51 04N	00 27E	51-722233	Forestry Commission
Grangemouth (Stirling)	C	1967	56 01N	03 43W	26-929819	Borough Engineer for Town Council of Grangemouth
Grantown-on-Spey (Moray)	C	1967	57 20N	03 37W	38-032282	Strathspey Estates
Great Dun Fell (Westmorland)	SbA	1960	54 41N	02 27W	35-710322	Ministry of Aviation
Greenmount (Antrim)	Ag	1964	54 41N	06 13W	IJ(33)-152847	Greenmount Agric. College
Greenock (Renfrew)	C	1953	55 56N	04 46W	26-274757	The Water Engineer
Greenwich (Greater London)	C	1953	51 29N	00 00	51-387776	Director, National Maritime Museum
Grendon Underwood (Buckingham)	C	1963	51 54N	01 01W	42-677226	Director, Hydraulics Research Station
Grizedale (Lancashire)	C	1961	54 21N	03 01W	34-337941	Forestry Commission
Guernsey Airport (Channel Isles)	SaA	1950	49 26N	02 37W	554-296760	Commandant, States Sirport
Guernsey L'ancresse (Channel Isles)	H	1967	49 29N	02 32W	554-387829	States Tourist Committee
Gulval (Cornwall)	Ag	1925	50 08N	05 32W	10-486317	Sutton and Sons Ltd.
Haddington (East Lothian)	C	1957	55 57N	02 47W	36-513736	Town Clerk
Hadlow College (Kent)	Ag	Not publ.	51 13N	00 20E	51-628497	Principal, Hadlow College of Agriculture and Horticulture
Halesowen (Worcester)	C	1957	52 26N	02 04W	32-950823	Mr. C. G. Roberts
Hamnavoe (Shetland)	C	1962	60 06N	01 20W	41-372357	Mr. H. S. Barclay
Hampstead (Greater London)	C	1914	51 34N	00 11W	51-262863	Mr. R. A. Tyssen-Gee, F.C.A.
Hampton (Greater London)	CA	1952	51 25N	00 22W	51-132694	Metropolitan Water Board
Harlow (Essex)	C	1965	51 46N	00 08E	52-469099	Standard Telecommunication Lab. Ltd.
Harrogate (Yorks., W.R.)	C	Not publ.	54 01N	01 33W	44-303579	Borough Engineer
Hartland Point (Devon)	Sb	1938	51 01N	04 32W	21-231277	Board of Trade (Coastguard Section)
Hartlepool (Durham)	C	1952	54 41N	01 12W	45-510327	Mr. H. Lamb
Hastings (Sussex)	H	1936	50 51N	00 34E	51-809094	Director of Publicity
Haverfordwest (Pembroke)	C	1895	51 47N	04 58W	12-956146	Borough Surveyor
Hawarden Bridge (Flint)	C	1901	53 12N	03 01W	33-322693	Messrs. John Summers and Sons Ltd.
Hawkrige (Somerset)	Ag	1959	50 58N	03 36W	21-877327	Director, Experimental Husbandry Farm
Hayden Bridge (Northumberland)	C	1956	54 58N	02 15W	35-844639	Headmaster, Shaftoe Trust School
Hayling Island (Hampshire)	H	1956	50 47N	00 59W	40-716988	Urban District Council, Havant
Heathrow (Greater London)	SaA	1948	51 29N	00 27W	51-077769	Meteorological Office
Helens Bay (Down)	C	1964	54 40N	05 45W	IJ(33)-453825	Mr. J. D. Boyd
Helensburgh (Dumbarton)	C	1916	56 01N	04 43W	26-303836	Borough Surveyor
Helmshore (Lancashire)	Ag	1953	53 41N	02 20W	34-774205	Director, Experimental Husbandry Farm
Hempsted (Gloucester)	C	1960	51 50N	02 16W	32-812157	City Engineer and Surveyor
Herne Bay (Kent)	H	1940	51 22N	01 07E	61-171681	Clerk of the Council
High Mowthorpe (Yorks., E.R.)	Ag	1952	54 06N	00 38W	44-888685	Director, Experimental Husbandry Farm
Hillsborough (Down)	C	1931	54 27N	06 04W	IJ(33)-251577	Agricultural Research Inst.
Hinckley Point (Somerset)	A	Not publ.	51 12N	03 11W	31-167452	Central Electricity Generating Board
Hoddesdon (Hertford)	Ag	1960	51 44N	00 05W	52-371105	Director, Lee Valley Exp. Hort. Station
Houghall (Durham)	Ag	1961	54 46N	01 34W	45-283412	Principal, School of Agriculture
Huddersfield (Yorks., W.R.)	C	1922	53 38N	01 43W	44-163165	Town Clerk
Huddersfield Oakes (Yorks., W.R.)	Sb	1926	53 39N	01 50W	44-113177	Mr. S. Morris Bower, for M.O.
Hull (Yorks., E.R.)	C	1873	53 45N	00 16W	54-084302	General Superintendent, Parks Dept.
Hunterston (Ayr)	CA	1967	55 43N	04 54W	26-183514	South of Scotland Electricity Board
Hurley (Berkshire)	Ag	1953	51 32N	00 49W	41-822823	Director, Grassland Research Institute
Hurn (Hampshire)	SaA	1963	50 47N	01 50W	40-117978	Meteorological Office
Ilfracombe (Devon)	H	1912	51 12N	04 08W	21-520478	Urban District Council
Ilkely (Yorks., W.R.)	C	1922	57 29N	04 13W	28-668462	Surveyor and Engineer
Inverness (Inverness)	C	1958	58 04N	05 16W	29-074134	Firemaster, Northern Area Fire Brigade
Inverpoll (Ross and Cromarty)	C	1963	58 04N	05 16W	29-074134	Nature Conservancy
Inverurie (Aberdeen)	C	Not publ.	57 16N	02 22W	38-779204	Borough Surveyor
Ipsley S. Wks. (Worcester)	C	Not publ.	52 17N	01 55W	42-062656	Engineer and Surveyor, Redditch U.D.C.
Isle of Grain (Kent)	CA	1956	51 27N	00 43E	51-871749	Tech. Supt., Kent Oil Refinery Ltd.
Isle of Rhum (Inverness)	C	1958	57 01N	06 17W	17-402996	The Nature Conservancy
Jersey Airport (Channel Isles)	SaA	1956	49 12N	02 11W	554-588508	Airport Commandant
Jersey Gorey Castle (Channel Isles)	Sun	1962	49 11N	02 07W	554-651483	States Committee of Tourism
Jersey St. Helier (Channel Isles)	H	1925	49 11N	02 07W	554-651483	The Greffier
Keele (Stafford)	CA	1952	53 00N	02 16W	33-820446	Professor of Geography, University College
Kelso (Roxburgh)	C	1967	55 35N	02 35W	36-735345	Town Council of Kelso
Kensington Palace (Greater London)	C	1918	51 31N	00 10W	51-259801	Bailiff of the Royal Parks
Kew (Greater London)	A	1869	51 28N	00 19W	51-171757	Meteorological Office
Kielder Castle (Northumberland)	C	1951	55 14N	02 34W	35-632935	Forestry Commission
Kildonan (Bute)	Sb	1966	55 26N	05 07W	26-035209	Board of Trade (Coastguard Section)
Kilkeel (Down)	SbA	1957	54 03N	05 59W	IJ(33)-315140	Board of Trade (Coastguard Section)
Killough (Down)	Sb	1964	54 14N	05 37W	IJ(33)-540353	Board of Trade (Coastguard Section)



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Kilnsea (Yorks., E.R.)	Sb	1965	53 37N	00 09E	54-417161	Board of Trade (Coastguard Section)
Kilmarnock (Ayr)	C	1907	55 37N	04 31W	26-414378	Kilmarnock Town Council
Kilroot (Antrim)	C	1964	54 43N	05 45W	IJ(33)-441894	Imperial Chemical Industries Ltd.
Kinlochewe (Ross and Cromarty)	C	1954	57 37N	05 18W	28-024630	Nature Conservancy
Kinloss (Moray)	SaA	1952	57 39N	03 34W	38-069625	Meteorological Office
Kirkcaldy (Fife)	C	1951	56 08N	03 10W	36-272907	Town Clerk
Kirkham (Lancashire)	Ag	1952	53 48N	02 53W	34-414347	Director, Experimental Horticultural Station
Kirkwall (Orkney)	SaA	1951	58 57N	02 54W	30-483076	Meteorological Office
Knockanrock (Ross and Cromarty)	C	Not publ.	58 02N	05 05W	29-187087	The Nature Conservancy
Knockmany Forest (Tyrone)	C	1962	54 26N	07 10W	IH(23)-537546	Forestry Division (N.I.)
Knutsford (Cheshire)	C	1962	53 18N	02 21W	33-757783	Mr. Robert Bowles
Lacock (Wiltshire)	Ag	1951	51 26N	02 07W	31-923702	Crops Lecturer, Lackham School of Agriculture
Lake Vyrnwy (Montgomery)	C	1941	52 45N	03 28W	33-016192	Chief Engineer, Liverpool Corporation
Lanark (Lanark)	C	1965	55 40N	03 47W	26-875434	West of Scotland College of Agriculture
Largs (Ayr)	C	1961	55 48N	04 52W	26-204599	Town Council
Larkhill (Wiltshire)	SaA	1920	51 12N	01 48W	41-137447	Meteorological Office
Larne (Antrim)	C	1963	54 51N	05 50W	ID(34)-393026	Mr. T. A. McKinley, Grammar School
Lathom Park (Lancashire)	C	Not publ.	53-34N	02 49W	34-458087	Pilkington Bros. Ltd.
Lauder (Berwick)	C	1962	55 44N	02 46W	36-521488	Forestry Commission (Scotland)
Leadhills (Lanark)	C	1953	55 25N	03 45W	26-888153	Mr. Douglas Grant
Leckford (Hampshire)	C	1936	51 07N	01 27W	41-393365	General Manager, Leckford Estate Ltd.
Leconfield (Yorks., E.R.)	SaA	1959	54 53N	00 26W	54-026438	Meteorological Office
Leeming (Yorks., N.R.)	SaA	1966	54 18N	01 32W	44-305890	Meteorological Office
Lepinmore (Argyll)	Ag	1951	56 05N	05 15W	16-985926	Director, Hill Farming Research Org.
Lerwick (Zetland)	OA	1946	60 08N	01 11W	41-453397	Meteorological Office
Letchworth (Hertford)	C	1960	51 58N	00 13W	52-208346	Urban District Council
Letcombe Regis (Berkshire)	C	1961	51 35N	01 27W	41-379863	Agricultural Research Council
Leuchars (Fife)	SaA	1922	56 23N	02 52W	37-468208	Meteorological Office
Lincoln (Lincoln)	C	1945	53 14N	00 34W	43-962719	City Engineer and Surveyor
Lislap Forest (Tyrone)	C	1960	54 42N	07 16W	IH(23)-485823	Queens University
Lisnafillan (Antrim)	C	1964	54 51N	06 19W	ID(34)-075023	Messrs. Gallaher Ltd.
Lisnaskea (Fermanagh)	C	1966	54 16N	07 28W	IH(23)-341351	Milk Marketing Board (N.I.)
Littlehampton (Sussex)	H	1916	50 48N	00 32W	51-033018	Urban District Council
Little Rissington (Gloucester)	Sa	1944	51 52N	01 42W	42-205191	Meteorological Office
Lizard (Cornwall)	SbA	1932	49 57N	05 12W	10-701119	Board of Trade (Coastguard Section)
Llandudno (Caernarvon)	H	1861	53 20N	03 50W	23-778819	Medical Officer of Health
Llandrindod Wells (Radnor)	C	1937	52 14N	03 22W	32-061605	Urban District Council
Llety-evan-Hen (Cardigan)	Ag	1939	52 27N	03 56W	22-693851	Director, Welsh Plant Breeding Station
Llwynon (Brecknock)	C	1952	51 47N	03 26W	32-013115	Water Engineer, Cardiff
Loggerheads (Denbigh)	C	1962	53 03N	03 14W	33-201622	Liverpool Education Committee
Londonderry Magee (Londonderry)	C	Not publ.	55 00N	07 19W	IC(24)-433179	
London W/Centre (Greater London)	A Sun	1930	51 31N	00 01W	51-308816	Meteorological Office
Long Ashton (Somerset)	Ag	1921	51 26N	02 40W	31-533698	Director, Agriculture and Hort. Research Stn.
Long Sutton (Hampshire)	Ag	1924	51 15N	00 56W	41-748467	Principal, Lord Wandsworth College
Lossiemouth (Moray)	CA	1961	57 43N	03 20W	38-212704	Commanding Officer, R.N.A.S.
Lough Bradan (Tyrone)	C	1963	54 36N	07 36W	IH(23)-259725	Lough Bradan, W. W., Jt. Bd.
Loughmore Forest (Londonderry)	C	1962	54 57N	07 05W	IC(24)-584128	Forestry Division (N.I.)
Loughgall (Armagh)	Ag	1959	54 24N	06 36W	IH(23)-907519	Plant Breeding Division
Lough Navar Forest (Fermanagh)	C	1962	54 26N	07 54W	IH(23)-062546	Forestry Division (N.I.)
Lowestoft (Suffolk)	H	1878	52 30N	01 45E	62-543947	Borough Treasurer
Lowther Hill (Lanark)	SbA	1960	55 23N	03 45W	26-890107	Ministry of Aviation
Lowtown (Antrim)	Ag	1966	54 50N	06 01W	34-276005	Greenmount Agricultural College
Luddington (Warwick)	Ag	1952	52 10N	01 46W	42-154528	Director, Experimental Hort. Station
Lurgan (Armagh)	C	1966	54 27N	06 20W	IJ(33)-073569	Craigavon Design Office
Luton (Bedford)	C	1920	51 53N	00 23W	52-118216	Borough Engineer
Lyneham (Wiltshire)	Sa	1946	51 30N	01 59W	41-014793	Meteorological Office
Lyonshall (Hereford)	C	1948	52 13N	02 58W	32-339576	Mr. R. H. Green
Macclesfield (Cheshire)	C	1881	53 15N	02 08W	33-911741	Superintendent of Parks
Machrihanish (Argyll)	Sa	1965	55 26N	05 43W	16-663226	Meteorological Office
Mackworth (Derby)	C	Not publ.	52 55N	01 31W	43-319362	Headmaster, Secondary Modern School
Maldon (Essex)	C	1939	51 44N	00 40E	52-863065	Town Clerk
Malham Tarn (Yorks., W.R.)	C	1950	54 06N	02 10W	34-893672	Field Studies Council
Malone (Antrim)	C	Not publ.	54 33N	05 58W	33-315691	Queens University
Malvern (Worcester)	C	1890	52 06N	02 18W	32-779460	Urban District Council
Manby (Lincoln)	SaA	1952	53 21N	00 05E	53-391869	Meteorological Office
Manchester W/Centre (Lancashire)	A Sun	1961	53 29N	02 15W	33-839985	Meteorological Office
Mansfield (Nottingham)	C	1927	53 09N	01 11W	43-543618	Borough Surveyor
Manston (Kent)	SaA	1961	51 21N	01 21E	61-335666	Meteorological Office
Marchmont (Berwick)	C	1887	55 44N	02 25W	36-743484	Lady McEwen
Margate (Kent)	H	1882	51 24N	01 24E	61-368714	Town Clerk
Marholm (Northampton)	C	Not publ.	52 36N	00 19W	53-145020	Lord Fitzwilliam
Marlborough (Wiltshire)	C	1864	51 25N	01 44W	41-185686	Headmaster, Marlborough College
Martyr Worthy (Hampshire)	Ag	1959	51 06N	01 16W	41-517338	Director, Experimental Husbandry Farm
Medmenham (Buckingham)	C	1963	51 33N	00 50W	41-805839	Water Research Association
Mertoun (Berwick)	C	1963	55 35N	02 34W	36-647321	The Duke of Sutherland
Mickleham (Surrey)	C	1952	51 16N	00 19W	51-173527	Field Studies Council



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Mildenhall (Suffolk)	SaA	1936	52 22N	00 28E	52-683779	Meteorological Office
Milford Haven C.B. (Pembroke)	SbA	1965	51 42N	05 03W	12-892054	The Harbour Master
Millport (Bute)	C	1951	55 45N	04 56W	26-174544	Dr. H. Barnes, Marine Research Station
Moneydig (Londonderry)	Sb	1940	54 59N	06 36W	IC(24)-890170	Mr. J. Porter
Monkswood (Huntingdon)	C	1964	52 24N	00 14W	52-202797	Nature Conservancy
Montrose (Angus)	C	1955	56 45N	02 29W	37-707617	Sunnyside Royal Hospital
Moor House (Westmorland)	CA	1953	54 41N	02 23W	35-758328	The Nature Conservancy
Morcombelake (Dorset)	Sb	Not publ.	50 45N	02 50W	30-405942	Major C. Bucke
Morecambe (Lancashire)	H	1915	54 04N	02 52W	34-431645	Town Clerk
Moreton Morrell (Warwick)	Ag	1955	52 12N	01 33W	42-306553	Principal, Institute of Agriculture
Morely (Derby)	Ag	1953	52 57N	01 25W	43-385401	Warden, Farm Institute
Mount Batten (Devon)	SaA	1920	50 21N	04 07W	20-492529	Meteorological Office
Mull of Galloway (Wigtown)	Sb	1958	54 38N	04 51W	25-157304	Northern Lighthouse Board
Mumbles Head (Glamorgan)	Sb	1959	51 34N	03 59W	21-626871	Board of Trade (Coastguard Section)
Mylnefield (Angus)	Ag	1955	56 27N	03 04W	37-341299	Director, Scottish Horticultural Res. Inst.
Nairn (Nairn)	C	1876	57 35N	03 52W	28-862566	Town Clerk
Neath (Glamorgan)	C	1956	51 39N	03 51W	21-715958	National Oil Refineries Ltd.
Nelson (Lancashire)	C	1941	53 50N	02 12W	34-872384	Medical Officer of Health
Ness Gardens (Cheshire)	C	1966	53 16N	03 03W	33-305756	University of Liverpool
Newport (Monmouth)	Ag	1955	51 33N	03 02W	31-279849	Technical Officer, Exp. Hort. Station
Newport (Shropshire)	Ag	1928	52 46N	02 26W	33-712204	Principal, Harper Adams Agric. Coll.
Newquay (Cornwall)	H	1891	50 25N	05 05W	10-812614	Clerk to the Council
Newry Abbey (Down)	C	1962	54 10N	06 20W	IJ(33)-088272	Christian Brothers School
Newton Abbot (Devon)	Ag	1925	50 33N	03 39W	20-828729	Principal, Seale-Hayne Agric. Coll.
Newton Rigg (Cumberland)	Ag	1903	54 40N	02 47W	35-493310	Principal, Cumberland and Westmorland Farm School
Newton Stewart (Wigtown)	C	1965	54 58N	04 29W	25-409657	Rector, Douglas-Ewart High School
Newtonabbey (Antrim)	Ag	1965	54 39N	05 55W	IJ(33)-340802	Nematology Laboratory
Newtown Linford (Leicester)	C	1960	52 41N	01 13W	43-530095	Mr. E. A. Bonser
North Hessary Tor (Devon)	Sb	Not publ.	50 33N	04 00W	20-577742	B.B.C., London
Nottingham (Nottingham)	C	1875	52 57N	01 09W	43-568395	City Engineer and Surveyor
Nottingham Training College (Nottingham)	C	1964	52 54N	01 11W	43-551355	Mr. W. Middlebrook, Nottingham Training College
Oaken (Stafford)	C	1943	52 35N	02 12W	33-857031	Mr. A. J. Parkes, M.C., D.L., J.P.
Onecote (Stafford)	Ag	1959	53 07N	01 57W	43-035576	Mr. J. A. Johnson
Onich (Inverness)	C	1924	56 43N	05 13W	27-030635	Forestry Commission (Scotland)
Orielton (Pembroke)	C	1965	51 39N	04 57W	11-953992	Field Studies Council
Oswestry (Shropshire)	C	1943	52 51N	03 04W	33-278293	Chief Engineer Liverpool Corporation
Oxford (Oxford)	C	1851	51 46N	01 16W	42-509072	Professor of Geography
Paignton (Devon)	H	1910	50 26N	03 34W	20-891608	Clerk of the Council
Paisley (Renfrew)	CA	1914	55 51N	04 26W	26-478642	Director, Coats Observatory
Palnure (Kirkcudbright)	C	1959	54 57N	04 25W	25-452646	Forestry Commission (Scotland)
Parkmore Forest (Antrim)	C	1958	55 01N	06 07W	ID(34)-203207	Queens University
Penicuik (Midlothian)	C	1944	55 50N	03 13W	36-233599	Dr. J. T. Baldwin
Penketh (Lancashire)	C	1965	53 21N	02 40W	33-560884	Headmaster, Greystone Heath School
Penkridge (Stafford)	Ag	1958	52 42N	02 06W	33-925116	Principal Farm Institute
Penwhirn (Wigtown)	C	1959	54 59N	04 55W	25-127693	Surveyor and Engineer
Penzance (Cornwall)	H	1894	50 07N	05 32W	10-472302	Town Clerk
Pershore (Coll. of Hort.) (Worcester)	Ag	1957	52 05N	02 03W	32-959449	Principal, Pershore Coll. of Horticulture
Pershore (Worcester)	SaA	1953	52 08N	02 02W	32-973495	Meteorological Office
Perth (Perth)	C	1914	56 24N	03 27W	37-101239	Town Clerk
Pickering (Yorks., W.R.)	C	1964	54 15N	00 46W	44-795842	Mr. John Randall
Pitlochry (Perth)	C	1958	56 43N	03 44W	27-945588	Town Clerk
Pitreavie (Fife)	Sa	1961	56 03N	03 25W	36-117848	Meteorological Office
Plumpton (Sussex)	Ag	1966	50 54N	00 05W	51-356134	Principal, School of Agriculture
Plymouth Hoe (Devon)	C	1876	50 22N	04 08W	20-478537	Medical Officer of Health
Point of Ayr (Isle of Man)	SbA	1936	54 25N	04 22W	25-467043	Northern Lighthouse Board
Polloch (Argyll)	C	1966	56 45N	05 37W	17-793688	Forestry Commission (Scotland)
Pomeroy Forest (Tyrone)	C	1963	54 35N	06 54W	IH(23)-705724	Forestry Division (N.I.)
Pontefract (Yorks., W.R.)	C	1926	53 42N	01 19W	44-452219	Headmaster, Kings School
Poole (Dorset)	H	1940	50 40N	01 58W	40-027915	Town Clerk
Poolewe (Ross and Cromarty)	C	1962	57 47N	05 36W	18-861818	National Trust for Scotland
Portadown (Armagh)	CA	1966	54 26N	06 25W	IJ(33)-019555	Craigavon Design Office
Porthcawl (Glamorgan)	C	Not publ.	51 27N	03 43W	21-822771	Urban District Council
Portland Bill (Dorset)	SbA	1899	50 32N	02 27W	30-677684	Trinity House
Portland Bill Coastguard (Dorset)	Sb	1967	50 32N	02 27W	30-677692	Board of Trade (Coastguard Section)
Porton (Wiltshire)	SaA	1918	51 07N	01 42W	41-210366	Meteorological Office
Portrush (Antrim)	Sun/R	1960	55 13N	06 40W	IC(24)-854411	Portrush U.D.C.
Port Talbot (Glamorgan)	CA	1954	51 34N	03 45W	21-789867	Steel Company of Wales Ltd.
Poulton-le-Fylde (Lancashire)	C	1957	53 50N	03 00W	34-346384	Headmaster, Baines Grammar School
Prabost (Inverness)	C	1960	57 28N	06 19W	18-418501	Mr. R. Murray
Prestatyn (Flint)	H	1939	53 20N	03 24W	33-065831	Urban District Council
Preston (Lancashire)	C	1952	53 46N	02 42W	34-537311	Director, Jeremiah Horrocks Obs.
Preston Wynne (Hereford)	Ag	1952	52 07N	02 30W	32-565475	Director, Rosemaund Exp. Husbandry Farm
Prestwick (Ayr)	SaA	1962	55 30N	04 35W	26-369261	Meteorological Office
Princetown (Devon)	C	1875	50 33N	03 59W	20-586741	Governor, H.M. Prison
Pubble Forest (Fermanagh)	C	1962	54 21N	07 28W	IH(23)-334463	Forestry Division



Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
Ramsgate (Kent)	H	1903	51 20N	01 25E	61-385648	Borough Engineer and Surveyor
Rannoch (Perth)	A	1959	56 41N	04 35W	27-423575	Estate and Rating Surveyor
Ratray Head (Aberdeen)	Sb	1949	57 37N	01 50W	48-093582	Ministry of Transport (C.G. Section)
Raunds (Northampton)	C	1942	52 20N	00 31W	42-991721	Mr. J. C. Smith
Reading (Berkshire)	Ag	1908	51 27N	00 58W	41-738748	Professor of Geography
Reading S.T.G. (Berkshire)	C	1960	51 27N	00 56W	41-738738	Royal Seed Establishment
Reagh Island (Down)	C	1965	54 31N	05 38W	IJ(33)-524641	Mr. T. D. Boyd
Redcar (Yorks., N.R.)	C	1940	54 37N	01 04W	45-599249	Town Clerk
Regents Park (Greater London)	C	Not publ.	51 31N	00 09W	51-283826	Park Superintendent
Rhose (Glamorgan)	SaA	1954	51 24N	03 21W	31-060670	Meteorological Office
Rhuvaal (Argyll)	Sb	1958	55 56N	06 07W	16-426792	Northern Lighthouse Board
Rhyl (Flint)	H	1899	53 19N	03 30W	33-002807	Urban District Council
Ringway (Cheshire)	SaA	1941	53 21N	02 16W	33-818850	Meteorological Office
Rochdale (Lancashire)	C	1949	53 38N	02 10W	34-882124	Manager, Roch Mills Sewage Works
Rodney Stoke (Somerset)	C	1966	51 15N	02 43W	31-488501	The Nature Conservancy
Ronaldsway (Isle of Man)	SaA	1948	54 05N	04 38W	24-279688	Isle of Man Government
Roscor (Fermanagh)	Sb	1963	54 26N	08 02W	IG(13)-971551	Mr. J. McGorty
Rosetta (Down)	C	1965	54 34N	05 55W	IJ(33)-346712	Corolan Grammar School
Rosewarne (Cornwall)	Ag	1954	50 13N	05 18W	10-643412	Director, Exp. Horticultural Station
Ross-on-Wye (Hereford)	Sb	1914	51 55N	02 35W	32-598233	Mr. F. J. Parsons
Rothamsted (Hertford)	AgA	1884	51 48N	00 21W	52-132134	Director, Experimental Station
Rotherham (Yorks., W.R.)	C	Not publ.	53 25N	01 19W	43-435923	Mr. L. Atkinson
Rothsay (Bute)	C	1959	55 50N	05 04W	26-083649	Buteshire Natural History Society
Rudh Re (Ross and Cromarty)	Sb	1966	57 52N	05 49W	18-739918	Northern Lighthouse Board
Rugby (Warwick)	C	1956	52 22N	01 15W	42-507749	Rugby Weather Bureau
Rustington (Sussex)	Ag	1961	50 49N	00 31W	51-046033	Director, Glasshouse Crops Res. Inst.
Ruthin (Denbigh)	C	1960	53 07N	03 18W	33-133584	Headmaster, Brynhyfryd School
Ryde (Isle of Wight)	H	1914	50 44N	01 10W	40-595929	Superintendent, Publicity Dept.
St. Abb's Head (Berwick)	Sb	1938	55 55N	02 08W	36-914693	Northern Lighthouse Board
St. Albans (Hertford)	Ag	1922	51 46N	00 18W	52-182076	Principal, Institute of Agriculture
St. Andrews (Fife)	C	1915	56 20N	02 47W	37-502171	Borough Engineer
St. Austell (Cornwall)	C	1955	50 20N	04 47W	20-018526	Urban District Council
St. Catherine's Point (Isle of Wight)	Sb	1959	50 35N	01 17W	40-506755	Trinity House
St. James Park (Greater London)	C	1903	51 30N	00 08W	51-299799	Bailiff of the Royal Parks
St. Kilda (Inverness)	C	Not publ.	57 48N	08 34W	08-104991	Officer Commanding, R.A.G.W. Range
St. Mary's Isle (Kirkcudbright)	C	1967	54 49N	04 04W	25-674494	Mr. J. W. Campbell
St. Mawgan (Cornwall)	SaA	1955	50 26N	05 00W	10-871642	Meteorological Office
Salsburgh (Ayr)	Sb	1966	55 52N	03 52W	26-829648	Independent Television Authority
Sandown (Isle of Wight)	H	1906	50 39N	01 09W	40-602844	Urban District Council
Santon Downham (Norfolk)	Ag	1959	52 28N	00 41E	52-813901	Forestry Commission
Scarborough (Yorks., N.R.)	H	1876	54 18N	00 24W	54-044884	Medical Officer of Health
Scilly (Cornwall)	SbA	1884	49 56N	06 18W	00-913121	Board of Trade (Coastguard Section)
Seahouses (Northumberland)	Sb	1965	55 35N	01 39W	46-197341	Board of Trade (Coastguard Section)
Sellafield (Cumberland)	CA	1952	54 25N	03 30W	35-027032	U.K. Atomic Energy Authority
Shaftesbury (Dorset)	C	1897	51 01N	02 12W	31-861228	Headmaster, Modern School
Shanklin (Isle of Wight)	H	1948	50 37N	01 11W	40-581808	Urban District Council
Shawbury (Shropshire)	Sa	1946	52 48N	02 41W	33-553222	Meteorological Office
Sheffield (Yorks., W.R.)	CA	1893	53 23N	01 29W	43-339873	Director City Museum
Shin (Sutherland)	A	1964	59 57N	04 25W	28-573974	Shin Generating Station
Shinfield (Berkshire)	Ag	1913	51 25N	00 57W	41-734686	Professor of Horticulture
Shipston-on-Stour (Warwick)	C	1941	52 04N	01 42W	42-213407	Mr. A. W. Beecham
Shirburn Castle (Oxford)	C	Not publ.	51 40N	00 59W	41-696959	Mr. J. D. G. Parker
Shoeburyness (Essex)	SaA	1900	51 32N	00 49E	51-948857	Meteorological Office
Shrewsbury (Shropshire)	C	1931	52 43N	02 43W	33-517136	Borough Surveyor
Sidmouth (Devon)	C	1930	50 41N	03 14W	30-124873	Surveyor, Council Offices
Silpho Moor (Yorks., N.R.)	AgA	1953	54 20N	00 31W	44-957946	Forestry Commission (Research Branch)
Silsoe (Bedford)	Ag	1953	52 01N	00 25W	52-091358	Director, Nat. Inst. of Agricultural Eng.
Skegness (Lincoln)	H	1904	53 09N	00 21E	53-569631	Engineer and Surveyor
Skokholm Island (Pembroke)	C	Not publ.	51 42N	05 16W	12-739051	Field Studies Council
Slaidburn (Yorks., W.R.)	C	1955	53 59N	02 26W	34-717547	Engineer, Fylde Water Board
Slaidburn No. 10 Site (Yorks., W.R.)	C	Not publ.	53 59N	02 25W	34-719550	Engineer, Fylde Water Board (Yorks., W.R.)
Slapton (Devon)	C	1961	50 11N	03 37W	20-824449	Field Studies Council
Sloy (Dumbarton)	Sb	1966	56 15N	04 43W	27-324099	North of Scotland Hydro-Electric Board
Somerset Forest (Londonderry)	C	1962	55 06N	06 41W	IC(24)-840301	Forestry Division (N.I.)
Sourhope (Roxburgh)	Ag	1952	55 29N	02 15W	36-843203	Director, Hill Farming Research Org.
Southampton (Hampshire)	C	1880	50 55N	01 24W	41-419119	Meteorological Office
Southend (Essex)	H	1906	51 32N	00 42E	51-876852	Pier Master
S. Farnborough (Hampshire)	SaA	1914	51 17N	00 45W	41-867548	Meteorological Office
Southgate (Greater London)	C	1940	51 38N	00 07W	51-299952	London Borough of Enfield
Southport (Lancashire)	HA	1963	53 40N	02 58W	34-371207	Town Clerk
Southsea (Hampshire)	H	1959	50 48N	01 06W	40-640990	Medical Officer of Health
South Shields (Durham)	A	1916	55 00N	01 26W	45-373677	Secretary, Tyne Improvement Commission
Spadeadam (Cumberland)	CA	1960	55 02N	02 38W	35-599720	E.T.A. Engineer, Rolls Royce Ltd.
Speke (Lancashire)	SaA	1949	53 20N	02 51W	33-437820	Meteorological Office
Sprowston (Norfolk)	Ag	1925	52 40N	01 21E	63-251123	Director, Agricultural Station
Squires Gate (Lancashire)	SaA	1944	53 46N	03 02W	34-316317	Meteorological Office
Stanhope Farm (Peebles)	Ag	1957	55 33N	03 24W	36-123296	Animal Breeding Research Organisation
Stanhope Abbots (Hertford)	C	1959	51 46N	00 00	52-389100	Chief Engineer, Sewage Purification Works
Stansted (Essex)	SaA	1953	51 53N	00 13E	52-531226	Meteorological Office
Starcross (Devon)	Ag	1950	50 38N	03 27W	20-972821	Deputy Provincial Director, Min. of Agric. & Fisheries



Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
Stenness (Orkney)	C	1962	58 59N	03 13W	30-298112	Mr. P. Leith
Stirling (Stirling)	C	1918	56 07N	03 56W	26-793936	Sanitary Inspector
Stirling Batterflats (Stirling)	C	Not publ.	56 07N	03 57W	26-786925	Stirling Corporation
Stone (Stafford)	Ag	1955	52 53N	02 11W	33-878321	Secretary, Animal Breeding Research Org.
Stonehaven (Kincardine)	C	1909	56 58N	02 12W	37-873864	Town Clerk
Stonyhurst (Lancashire)	C	1851	53 51N	02 28W	34-692388	Rev. J. E. Worthy, The College
Stormont Castle (Down)	C	1958	54 35N	05 48W	IJ(33)-402749	Works Division
Stornoway (Ross and Cromarty)	Sa	1876	58 13N	06 20W	19-459332	Meteorological Office
Stornoway Coastguard (Ross and Cromarty)	A	1950	58 12N	06 22W	19-443305	Board of Trade
Strabane (Tyrone)	C	1967	54 49N	07 27W	IH(23)-352974	Our Lady of Mercy Secondary Intermediate School
Stratford-on-Avon (Warwick)	Ag	1957	52 11N	01 44W	42-164549	Director, Exp. Husbandry Farm
Strachan (Kincardine)	C	1962	57 01N	02 30W	37-696917	The Nature Conservancy
Strathly (Sutherland)	C	1939	58 31N	04 01W	29-830609	Lands Officer, Dept. of Agriculture (Scotland)
Strathlyre (Perth)	C	1957	56 19N	04 19W	27-561167	Forestry Commission (Scotland)
Sule Skerry (Orkney)	Sb	1953	59 05N	04 24W	20-623241	Northern Lighthouse Board
Sutton Bonington (Nottingham)	Ag	1925	52 50N	01 15W	43-507262	Prof. F. L. Milthorpe, School of Agriculture
Sutton Bridge (Lincoln)	C	Not publ.	52 45N	00 11E	53-481203	Potato Marketing Board
Swanage (Dorset)	H	1931	50 37N	01 57W	40-030794	Urban District Council
Swanley (Kent)	Ag	1955	51 25N	00 10E	51-512701	Kent Horticultural Institute
Swansea (Glamorgan)	C	1908	51 37N	03 55W	21-642923	Clerk to the Corporation
Swyddffynnon (Cardigan)	C	1956	52 16N	03 55W	22-696655	The Nature Conservancy
Tarbatness (Ross and Cromarty)	Sb	1950	57 52N	03 46W	28-947875	Northern Lighthouse Board
Tavistock (Devon)	C	1960	50 33N	04 10W	20-482748	Urban District Council
Teignmouth (Devon)	H	1904	50 33N	03 29W	20-941728	Teignmouth U.D.C.
Terrington St. Clement (Norfolk)	Ag	1951	52 45N	00 18E	53-547187	Director, Experimental Husbandry Farm
Thirsk (Yorks., N.R.)	C	1963	54 13N	01 21W	44-426812	Mr. W. J. Bird
Thorney Island (Sussex)	SaA	1958	50 49N	00 56W	41-758026	Meteorological Office
Thornton Hall (Lanark)	C	1953	55 46N	04 14W	26-593552	Officer I/C, Building Research Station, D.S.I.R.
Threave (Kirkcudbright)	C	1962	54 56N	03 57W	25-751607	Supt., Threave School of Practical Gardening
Throwley (Kent)	Ag	1953	51 14N	00 51E	51-983518	Thomas Neame Ltd.
Timpany (Down)	C	Not publ.	54 22N	05 53W	IJ(33)-375481	Mr. C. J. Robb
Tiree (Argyll)	SaA	1927	56 30N	06 53W	07-999446	Meteorological Office
Tollymore Park Forest (Down)	C	1961	54 14N	05 56W	IJ(33)-346327	Queens University
Torquay (Devon)	H	1930	50 28N	03 31W	20-909638	Town Clerk
Totnes (Devon)	C	1941	50 27N	03 43W	20-788620	Dartington Hall Trustees
Trawscoed (Cardigan)	Ag	1952	52 20N	03 57W	22-674736	Director, Experimental Husbandry Farm
Trawsfynydd (Merioneth)	CA	1962	52 47N	04 03W	23-695384	Central Electricity Generating Board
Tredegar (Monmouth)	C	1952	51 46N	03 15W	32-141087	Sanitary Inspector
Troon (Ayr)	Sun	Not publ.	55 32N	04 40W	26-349330	Borough Surveyor
Tummel Bridge (Perth)	A	1965	56 42N	04 01W	27-772590	North of Scotland Hydro-Electric Board
Turnhouse (Midlothian)	SaA	1949	55 57N	03 21W	36-159739	Meteorological Office
Tynemouth (Northumberland)	Sb	1914	55 01N	01 25W	45-347695	Board of Trade (Coastguard Section)
Udny (Aberdeen)	Ag	1957	57 18N	02 09W	38-906232	University of Aberdeen
Upavon (Wiltshire)	Sa	1956	51 17N	01 46W	41-161548	Meteorological Office
Urswick (Lancashire)	C	1954	54 09N	03 07W	34-268742	Rev. M. D. Grieve
Usan (Angus)	Sb	1966	56 41N	02 27W	37-724544	Board of Trade (Coastguard Section)
Ushaw College (Durham)	C	1885	54 47N	01 39W	45-219436	The President, Ushaw College
Usk (Monmouth)	Ag	1925	51 42N	02 55W	32-368018	Principal, Institute of Agriculture
Valley (Anglesey)	SaA	1943	53 15N	04 32W	23-310758	Meteorological Office
Ventnor Park (Isle of Wight)	H	1952	50 36N	01 13W	40-560774	Urban District Council
Virginstow (Devon)	Sb	Not publ.	50 43N	04 07W	20-386938	W. Cdr. J. B. Jones, M.B.E., A.F.C.
Waddington (Lincoln)	Sa	1953	53 10N	00 31W	43-988653	Meteorological Office
Waddon (Greater London)	C	1959	51 21N	00 07W	51-314639	Croydon Corporation
Wakehurst Place (Sussex)	C	1967	51 04N	00 05W	51-338314	Director, Royal Botanic Gardens, Kew
Wallingford (Berkshire)	C	1961	51 32N	01 10W	41-617898	Hydraulics Research Station
Walsall (Stafford)	C	Not publ.	52 37N	01 55W	43-058010	Mr. J. C. W. Day
Walton-on-Naze (Essex)	Sb	1964	51 51N	01 17E	62-259225	Board of Trade (Coastguard Section)
Warsop (Nottingham)	Ag	1953	53 13N	01 07W	43-591699	Director, Gleadthorpe Exp. Husbandry Farm
Watnall (Nottingham)	Sa	1949	53 00N	01 15W	43-503456	Meteorological Office
Wattisham (Suffolk)	Sa	1960	52 07N	00 58E	62-026514	Meteorological Office
Wauchope (Roxburgh)	C	1956	55 23N	02 39W	36-587097	Forestry Commission (Scotland)
Wealdstone (Greater London)	Sun	1942	51 35N	00 20W	51-157892	Messrs. Kodak Ltd.
Wellesbourne (Warwick)	Ag	1953	52 12N	01 36W	42-271565	Director, National Vegetable Research Station
Wellington (Shropshire)	C	Not publ.	52 42N	02 29W	55-673117	Surveyor, Wellington R.D.C.
West Camel (Somerset)	C	1967	51 01N	02 37W	31-574247	Mr. G. R. Chapman
West Freugh (Wigtown)	SaA	1949	54 51N	04 57W	25-109546	Meteorological Office
West Kirby Park (Cheshire)	C	1963	53 23N	03 11W	33-216865	Urban District Council of Hoylake
West Lavington (Wiltshire)	C	1948	51 17N	02 02W	41-000535	Headmaster, Dauntsey's School
West Linton (Peebles)	C	1908	55 45N	03 21W	36-150520	Headmaster, Central School
West Malling (Kent)	Sa	1965	51 17N	00 24E	51-677553	Meteorological Office
West Raynham (Norfolk)	Sa	1946	52 47N	00 44E	53-847245	Meteorological Office
Weston-Super-Mare (Somerset)	H	1880	51 20N	02 59W	31-318602	Medical Office of Health
Weymouth (Dorset)	H	1882	50 36N	02 27W	30-676791	Town Clerk
Whitby (Yorks., N.R.)	H	1904	54 29N	00 37W	45-895109	Urban District Council
Whitby Coastguard (Yorks., N.R.)	Sb	1963	54 29N	00 36W	45-904115	Board of Trade (Coastguard Section)



Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
Whitchester (Berwick)	C	1964	55 49N	02 27W	36-721589	Mr. S. E. Landale, O.B.E.
Whitehillocks (Angus)	C	1963	56 55N	02 54W	37-448800	County Engineer
Whitstable (Kent)	H	1939	51 22N	01 02E	61-112665	Surveyor and Water Engineer
Wick (Caithness)	SaA	1876	58 27N	03 05W	39-364522	Meteorological Office
Wilton Park (Yorks., W.R.)	C	Not publ.	53 44N	01 39W	44-235258	Curator, Bagshaw Museum, Batley
Wincanton (Somerset)	C	1963	51 04N	02 25W	31-704286	Headmaster, King Arthur's Secondary School
Winchester (Hampshire)	C	1953	51 05N	01 19W	41-484300	Medical Officer of Health
Winfrith (Dorset)	CA	1963	50 40N	02 15W	30-820870	U.K. Atomic Energy Authority
Winnington (Cheshire)	C	1948	53 16N	02 32W	33-643747	Imperial Chemical Industries Ltd.
Wisley (Surrey)	Ag	1904	51 17N	00 26W	51-063583	Director, Royal Horticultural Society's Gdns.
Wittering (Northampton)	Sa	1955	52 37N	00 27W	53-048032	Meteorological Office
Woburn (Bedford)	Ag	1898	52 01N	00 35W	42-964358	Director, Rothamsted Experimental Station
Woodburn North (Antrim)	C	Not publ.	54 45N	05 53W	IJ(33)-367905	Queens University
Worcester (Worcester)	Ag	1954	52 10N	02 10W	32-873536	County Agricultural Officer
Worthing (Sussex)	H	1852	50 49N	00 22W	51-153029	Medical Officer of Health
Wrexham (Denbigh)	C	1944	53 03N	02 59W	33-338507	Headmaster, Grove Park School
Writtle (Essex)	Ag	1941	51 44N	00 26E	52-677069	Principal, Institute of Agriculture
Wye (Kent)	Ag	1925	51 00N	00 57E	61-057470	Principal, South Eastern Agricultural Coll.
Wyton (Huntingdon)	Sa	1957	52 21N	00 07W	52-284745	Meteorological Office
Yeovilton (Somerset)	Sa	1965	51 00N	02 38W	31-551237	Commanding Officer, R.N.A.S.
York, Heslington (Yorks., N.R.)	C	1966	53 57N	01 02W	44-630511	Archbishop Holgate's Grammar School

#### STATIONS CLOSED DURING 1967

The following stations were closed during 1967 but are shown in the list of stations making returns because some information was received from them during the year:

Cannich	Halesowen
Chiseldon	Lepinmore
Gateshead	Swanley
Paignton	Udny



Station	Time	Lat.	Long.	Remarks
1	08:00	34° 15' N	122° 00' W	Off Cape Mendocino
2	08:15	34° 10' N	121° 55' W	Off Cape Mendocino
3	08:30	34° 05' N	121° 50' W	Off Cape Mendocino
4	08:45	34° 00' N	121° 45' W	Off Cape Mendocino
5	09:00	33° 55' N	121° 40' W	Off Cape Mendocino
6	09:15	33° 50' N	121° 35' W	Off Cape Mendocino
7	09:30	33° 45' N	121° 30' W	Off Cape Mendocino
8	09:45	33° 40' N	121° 25' W	Off Cape Mendocino
9	10:00	33° 35' N	121° 20' W	Off Cape Mendocino
10	10:15	33° 30' N	121° 15' W	Off Cape Mendocino
11	10:30	33° 25' N	121° 10' W	Off Cape Mendocino
12	10:45	33° 20' N	121° 05' W	Off Cape Mendocino
13	11:00	33° 15' N	121° 00' W	Off Cape Mendocino
14	11:15	33° 10' N	120° 55' W	Off Cape Mendocino
15	11:30	33° 05' N	120° 50' W	Off Cape Mendocino
16	11:45	33° 00' N	120° 45' W	Off Cape Mendocino
17	12:00	32° 55' N	120° 40' W	Off Cape Mendocino
18	12:15	32° 50' N	120° 35' W	Off Cape Mendocino
19	12:30	32° 45' N	120° 30' W	Off Cape Mendocino
20	12:45	32° 40' N	120° 25' W	Off Cape Mendocino
21	13:00	32° 35' N	120° 20' W	Off Cape Mendocino
22	13:15	32° 30' N	120° 15' W	Off Cape Mendocino
23	13:30	32° 25' N	120° 10' W	Off Cape Mendocino
24	13:45	32° 20' N	120° 05' W	Off Cape Mendocino
25	14:00	32° 15' N	120° 00' W	Off Cape Mendocino
26	14:15	32° 10' N	119° 55' W	Off Cape Mendocino
27	14:30	32° 05' N	119° 50' W	Off Cape Mendocino
28	14:45	32° 00' N	119° 45' W	Off Cape Mendocino
29	15:00	31° 55' N	119° 40' W	Off Cape Mendocino
30	15:15	31° 50' N	119° 35' W	Off Cape Mendocino
31	15:30	31° 45' N	119° 30' W	Off Cape Mendocino
32	15:45	31° 40' N	119° 25' W	Off Cape Mendocino
33	16:00	31° 35' N	119° 20' W	Off Cape Mendocino
34	16:15	31° 30' N	119° 15' W	Off Cape Mendocino
35	16:30	31° 25' N	119° 10' W	Off Cape Mendocino
36	16:45	31° 20' N	119° 05' W	Off Cape Mendocino
37	17:00	31° 15' N	119° 00' W	Off Cape Mendocino
38	17:15	31° 10' N	118° 55' W	Off Cape Mendocino
39	17:30	31° 05' N	118° 50' W	Off Cape Mendocino
40	17:45	31° 00' N	118° 45' W	Off Cape Mendocino
41	18:00	30° 55' N	118° 40' W	Off Cape Mendocino
42	18:15	30° 50' N	118° 35' W	Off Cape Mendocino
43	18:30	30° 45' N	118° 30' W	Off Cape Mendocino
44	18:45	30° 40' N	118° 25' W	Off Cape Mendocino
45	19:00	30° 35' N	118° 20' W	Off Cape Mendocino
46	19:15	30° 30' N	118° 15' W	Off Cape Mendocino
47	19:30	30° 25' N	118° 10' W	Off Cape Mendocino
48	19:45	30° 20' N	118° 05' W	Off Cape Mendocino
49	20:00	30° 15' N	118° 00' W	Off Cape Mendocino
50	20:15	30° 10' N	117° 55' W	Off Cape Mendocino
51	20:30	30° 05' N	117° 50' W	Off Cape Mendocino
52	20:45	30° 00' N	117° 45' W	Off Cape Mendocino
53	21:00	29° 55' N	117° 40' W	Off Cape Mendocino
54	21:15	29° 50' N	117° 35' W	Off Cape Mendocino
55	21:30	29° 45' N	117° 30' W	Off Cape Mendocino
56	21:45	29° 40' N	117° 25' W	Off Cape Mendocino
57	22:00	29° 35' N	117° 20' W	Off Cape Mendocino
58	22:15	29° 30' N	117° 15' W	Off Cape Mendocino
59	22:30	29° 25' N	117° 10' W	Off Cape Mendocino
60	22:45	29° 20' N	117° 05' W	Off Cape Mendocino
61	23:00	29° 15' N	117° 00' W	Off Cape Mendocino
62	23:15	29° 10' N	116° 55' W	Off Cape Mendocino
63	23:30	29° 05' N	116° 50' W	Off Cape Mendocino
64	23:45	29° 00' N	116° 45' W	Off Cape Mendocino
65	00:00	28° 55' N	116° 40' W	Off Cape Mendocino
66	00:15	28° 50' N	116° 35' W	Off Cape Mendocino
67	00:30	28° 45' N	116° 30' W	Off Cape Mendocino
68	00:45	28° 40' N	116° 25' W	Off Cape Mendocino
69	01:00	28° 35' N	116° 20' W	Off Cape Mendocino
70	01:15	28° 30' N	116° 15' W	Off Cape Mendocino
71	01:30	28° 25' N	116° 10' W	Off Cape Mendocino
72	01:45	28° 20' N	116° 05' W	Off Cape Mendocino
73	02:00	28° 15' N	116° 00' W	Off Cape Mendocino
74	02:15	28° 10' N	115° 55' W	Off Cape Mendocino
75	02:30	28° 05' N	115° 50' W	Off Cape Mendocino
76	02:45	28° 00' N	115° 45' W	Off Cape Mendocino
77	03:00	27° 55' N	115° 40' W	Off Cape Mendocino
78	03:15	27° 50' N	115° 35' W	Off Cape Mendocino
79	03:30	27° 45' N	115° 30' W	Off Cape Mendocino
80	03:45	27° 40' N	115° 25' W	Off Cape Mendocino
81	04:00	27° 35' N	115° 20' W	Off Cape Mendocino
82	04:15	27° 30' N	115° 15' W	Off Cape Mendocino
83	04:30	27° 25' N	115° 10' W	Off Cape Mendocino
84	04:45	27° 20' N	115° 05' W	Off Cape Mendocino
85	05:00	27° 15' N	115° 00' W	Off Cape Mendocino
86	05:15	27° 10' N	114° 55' W	Off Cape Mendocino
87	05:30	27° 05' N	114° 50' W	Off Cape Mendocino
88	05:45	27° 00' N	114° 45' W	Off Cape Mendocino
89	06:00	26° 55' N	114° 40' W	Off Cape Mendocino
90	06:15	26° 50' N	114° 35' W	Off Cape Mendocino
91	06:30	26° 45' N	114° 30' W	Off Cape Mendocino
92	06:45	26° 40' N	114° 25' W	Off Cape Mendocino
93	07:00	26° 35' N	114° 20' W	Off Cape Mendocino
94	07:15	26° 30' N	114° 15' W	Off Cape Mendocino
95	07:30	26° 25' N	114° 10' W	Off Cape Mendocino
96	07:45	26° 20' N	114° 05' W	Off Cape Mendocino
97	08:00	26° 15' N	114° 00' W	Off Cape Mendocino
98	08:15	26° 10' N	113° 55' W	Off Cape Mendocino
99	08:30	26° 05' N	113° 50' W	Off Cape Mendocino
100	08:45	26° 00' N	113° 45' W	Off Cape Mendocino

# STATIONS USED DURING 1911

The following stations were closed during 1911 and are shown in the list of stations which were in operation during 1911.

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# Monthly Weather Report OF THE METEOROLOGICAL OFFICE

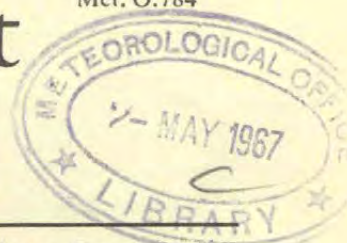
Summary of observations compiled from returns of official stations and voluntary observers

Volume 84 Number 1

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Met. O.784



## January 1967 — Cold at first, very mild during last week

Apart from minor cyclonic interludes on the 1st-2nd and 6th-7th, weather was mainly anticyclonic during the first half of the month and mainly cyclonic in character during the second half.

The month began bright and cold, a northerly airstream between low pressure over southern Scandinavia and high pressure to the north-west of the British Isles bringing wintry showers to Scotland and parts of northern and eastern England during the first three days. Many parts of England had six hours of sunshine on each of these days and weather became progressively colder with frost at night. In Cornwall and the Channel Isles, however, it was cloudy with rain at times.

On the 4th a depression off the west of Ireland moved southwards into the Bay of Biscay and weather was dull over most of the United Kingdom. The next day the main centre of high pressure moved southwards to a position to the west of Ireland and winds in Scotland backed towards the west as a depression from the Denmark Strait approached the Faroes. Widespread snow in the east, and rain in the west, accompanied this depression as it moved southwards over the British Isles on the 6th and 7th. On the morning of the 8th many eastern districts were snow-covered to a depth of 3 cm or more. Behind the depression winds over most of the country were light easterly or variable on the 8th and 9th, and these two days were the coldest of the month; on the 9th temperature at Carlisle failed to rise above  $-3^{\circ}\text{C}$ , and freezing fog covered much of Lancashire and Cheshire. The cold spell came to an end during the next two days as troughs moving round the periphery of a large anticyclone in mid-Atlantic brought milder air first to the north and then to the whole of the British Isles by the 11th.

During the 12-14th the Atlantic anticyclone moved slowly east-south-east towards the mouth of the English Channel. Further troughs gave slight rain or drizzle in places on the 12th but the 13th was mainly dry with sunny periods and with temperatures well above average, although fog patches that night persisted in parts of East Anglia for much of the 14th. By the 15th the anticyclone from the Atlantic was moving slowly eastwards along the English Channel, and southerly winds on its western side brought low cloud and drizzle to much of southern England. The 16th was also dull with southerly winds as the anticyclone moved away eastwards into Europe.

The pattern changed on the 17th and weather became more of a westerly type. Troughs associated with depressions to the west of Ireland gave fairly general rain on the 17th and 18th as they crossed the country, and weather continued dull and wet in Scotland for most of the 19th-21st but over England and Wales it was showery with bright periods though a belt of more continuous rain crossed the country on the night of the 20th/21st. An intense depression approaching the British Isles from mid-Atlantic brought gales to most districts on the 22nd and rain in western districts during the afternoon spread to most of the country during the evening and continued throughout the night and for much of the next day. The 24th was dull generally with rain at times as the depression filled over southern England, though there were good sunny periods in western Scotland.

For most of the remainder of the month pressure was high over Europe but weather over the British Isles was dominated by low pressure systems which remained to the west or north-west of the country. Associated troughs brought rain at times to most districts. During the last few days of the month winds from low latitudes brought very mild air to all parts of the country; in some places afternoon temperatures were as much as  $8^{\circ}\text{C}$  above the average.

**Pressure and Wind** — Mean pressure was above the 1931-60 average everywhere, the excess ranging from 5.5 mb at Lerwick to 2.3 mb at Prestwick and Rhooose. Surface winds were mainly northerly during the first week and north-westerly during the second, though very variable on the 6th-8th and 14th-15th. South to south-west winds predominated during the remainder of the month. Winds reached gale force in England and Wales on 18 days, most frequently in south-west England and during the third week. In Scotland gales were reported on 14 days, but

were not widespread. A gust of 76 kt was recorded at Benbecula on the 27th.

**Temperature** — Mean temperature was generally below the average during the first 8-10 days but above the average during the remainder of the month. It was exceptionally mild during the last few days with afternoon temperatures exceeding  $13^{\circ}\text{C}$  at many places on the 27th to 29th.

Extremes included (England and Wales)  $14.4^{\circ}\text{C}$  at Dartford on the 29th,  $-10.6$  at Santon Downham on the 9th; (Scotland)  $13.3^{\circ}\text{C}$  at Lossiemouth on the 30th,  $-12.2^{\circ}\text{C}$  at Carnworth on the 6th; (Northern Ireland)  $13.0^{\circ}\text{C}$  at Ballykelly on the 27th,  $-7.8^{\circ}\text{C}$  at Lisnafillan on the 9th.

**Rainfall** — In Scotland rainfall was above the average in eastern districts north of the Tay but mostly below the average elsewhere. It was locally twice the average near the Moray Firth, but only half the average in some western and southern inland areas. In England and Wales rainfall was generally below the average except in counties bordering the English Channel from Cornwall to Hampshire. It was less than half the average over most of North Wales, Shropshire and Cheshire, over the east Midlands north of Oxfordshire and adjacent counties from Bedfordshire to Durham.

Thunder was heard in England and Wales on the 1st, 20th, 22nd, 23rd and 25th, mainly in the south-west. In Scotland thunder was reported on one day only.

Snow and sleet showers were fairly widespread in Scotland during the first and last weeks, but falls were mainly slight. In England and Wales they were reported during the first ten days and on the 22nd and 23rd, being most frequent in east and north-east England where in some places level snow was 8 cm deep on the 7th-9th. Ground was mostly clear of snow by the 10th except for the higher ground in the Pennines.

**Sunshine** — It was a sunny month generally except in northern Scotland where Forres had its dullest January since records began in 1933. In England and Wales some coastal areas, mainly in the south and west had less than their average sunshine. Percentage of local average ranged from 75 at Scilly to 223 at Nottingham.

**Fog** — Fog at 9h was reported from one place or another on 14 days in Scotland and almost daily after the 5th in England and Wales. It persisted for most of the day in parts of the north-west on the 9th, of East Anglia on the 14th and the north Midlands on the 15th and 24th.

**Miscellaneous Phenomena** — The Aurora was visible in Scotland on 8 nights.

TABLE I—DISTRICT VALUES, JANUARY, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	11.7	-2.7	+0.3	+1.3	+0.8	+0.6	+0.4	+1	109	67
1 SCOTLAND, E.	11.1	-2.8	+0.7	+1.5	+1.1	+0.1	-0.5	0	105	101
2 ENGLAND, N.E.	11.7	-8.3	+0.7	+0.3	+0.5	-0.4	-0.8	-4	53	141
3 ENGLAND, E.	13.9	-7.2	+0.4	+0.9	+0.7	+0.1	-0.3	-2	59	117
4 MIDLANDS	12.8	-6.1	+1.1	+0.9	+1.0	+0.1	-0.3	-2	56	153
5 ENGLAND, S.E.	13.9	-7.8	+0.6	+1.0	+0.8	-0.1	-0.3	-4	86	123
6 SCOTLAND, W.	11.7	-8.4	+0.8	+1.4	+1.1	-0.1	-0.5	-2	74	133
7 ENGLAND, N.W. and N. Wales	12.4	-6.7	+0.7	+1.2	+0.9	+0.3	+0.1	-2	54	134
8 ENGLAND, S.W. and S. Wales	13.3	-7.8	+0.4	+0.8	+0.6	+0.7	+0.1	-3	70	97
N. IRELAND	13.0	-5.2	+1.0	+1.4	+1.2	-	-	-1	74	96
SCOTLAND	11.7	-8.4	+0.6	+1.4	+1.0	-	-	0	83	100
ENG. and WALES	13.9	-8.3	+0.7	+0.9	+0.7	-	-	-3	63	127

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



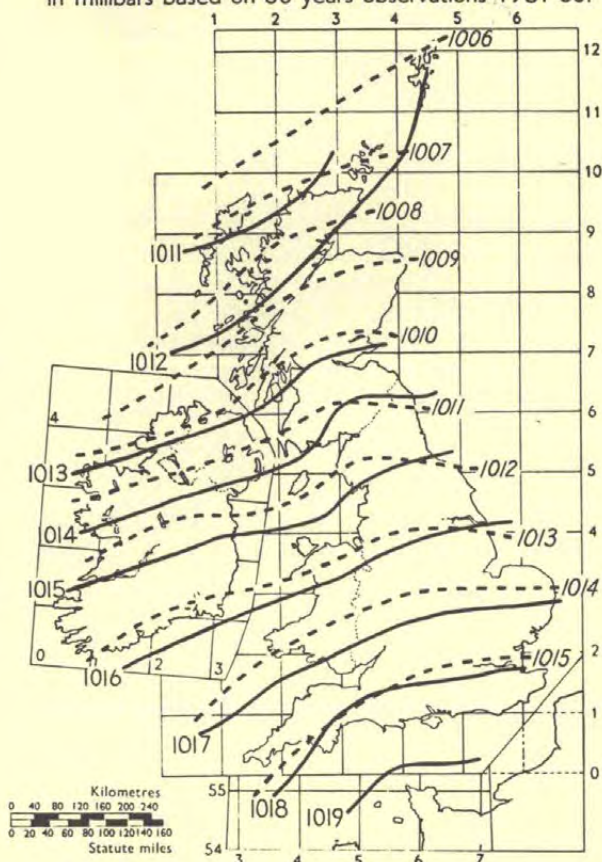
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JANUARY, 1967

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0	Zetland	Lerwick	93	10	10	13	7	20	173	394	127	43	0	16.3	280	47	13	07	280	66	13	0610
	Orkney	Kirkwall	41	15	10	13, 27	10	18	177	359	173	25	0	16.0	250	37	13	08	260	56	13	0805
	Caithness	Dounreay	34	12	9	13, 23, 27, 29	16	20	242	363	99	5	19	18.4	140	40	27	14	140	54	27	1400
		Wick	45	10	10	-	0	13	103	369	203	69	0	13.2	290	33	13	09	290	47	13	0855
	Sutherland	Shin	24	10	10	-	0	13	103	369	203	69	0	13.2	290	33	13	09	290	47	13	0855
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	13, 15, 16, 19, 23, 27	26	22	269	268	157	24	0	18.2	180	52	27	20	180	71	27	1930
		Duirinish	38	20	17	-	0	6	19	320	253	93	59	10.4	140	26	29	18	100	46	27	1240
	Inverness	Benbecula	16	10	10	27	7	18	132	413	154	38	0	15.2	200	47	27	19	210	75	27	1850
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	3	6	127	333	278	0	5.9	130	24	27	08	130	46	27	0715
		Cairngorm	1074	9	9	12, 13, 15, 18, 19, 23, 27, 29, 30	55	21	209	248	149	20	63	18.4	280	49	13	11	220	66	19	1645
1	Moray	Kinloss	17	13	13	-	0	10	48	397	270	29	0	12.4	260	30	13	05	150	49	27	1045
		Lossiemouth	31	24	18	-	0	8	47	363	291	43	0	11.5	270	30	13	08	260	48	13	1045
	Aberdeen	Dyce	71	9	9	-	0	12	45	391	195	113	0	11.4	300	26	13	14	300	44	13	1345
	Angus	Bell Rock	39	40	38	-	0	9	40	301	210	175	18	9.8	270	28	13	04	210	45	27	1730
	Perth	Rannoch	307	17	17	-	0	0	0	76	386	282	0	5.5	110	20	23	07	110	41	23	0555
		Tummel Bridge	161	16	16	-	0	6	29	340	327	48	0	11.0	130	29	23	10	120	43	23	0750
	Fife	Leuchars	24	12	12	-	0	6	29	340	327	48	0	11.0	130	29	23	10	120	43	23	0750
	West Lothian	Forth Road Bridge	72	9	72	-	0	6	29	340	327	48	0	11.0	130	29	23	10	120	43	23	0750
	Midlothian	Turnhouse	42	12	10	-	0	3	11	268	349	116	0	9.1	220	25	18	03	210	43	17	2340
		Edinburgh, Blackford Hill	151	15	10	18	1	11	53	358	268	61	3	11.9	200	35	18	03	190	58	17	2315
6a	Argyll	Tiree	27	18	14	23, 27, 29	32	23	258	336	84	34	0	18.5	180	41	27	18	300	64	1	0500
	Dunbarton	Cumbernauld	166	10	10	-	0	7	22	294	279	77	72	10.6	200	27	18	03	200	44	18	0235
	Renfrew	Paisley	57	25	9	-	0	2	3	135	428	178	0	6.8	210	24	19	12	220	50	19	1200
		Abbotsinch	16	10	10	-	0	6	14	260	397	73	0	9.3	200	25	19	13	210	51	19	1200
	Lanark	Lowther Hill	736	13	10	11-13, 17, 19, 27, 29	24	19	143	333	222	22	0	15.4	360	48	13	10	360	66	13	1000
	Ayr	Hunterston	13	9	9	-	0	7	20	413	199	112	0	10.7	230	26	18	02	220	48	19	1140
		Prestwick	21	10	10	-	0	5	18	401	227	98	0	10.8	110	27	23	06	270	45	1	0205
	Dumfries	Chapelcross	94	15	15	-	0	0	0	292	377	75	0	9.0	210	21	27	18	210	39	27	1745
		Eskdalemuir	251	15	11	-	0	10	28	235	299	182	0	8.5	200	33	27	18	290	49	13	1320
	Wigtown	West Freugh	25	10	10	-	0	10	31	363	238	44	68	11.8	140	32	23	03	140	55	23	0250
6b	Isle of Man	Ronaldsway	25	10	10	19	1	11	54	428	223	38	0	12.8	180	34	19	08	190	49	19	0745
		Point of Ayre	20	10	10	23	5	16	104	516	105	11	3	15.9	110	36	23	03	110	50	23	0220
2	Durham	Durham	119	16	10	-	0	1	1	255	264	224	0	7.8	330	22	13	12	330	48	13	1225
		South Shields	22	17	13	-	0	3	15	271	352	106	0	9.2	140	26	23	08	280	39	13	1110
	Yorks, N.R.	Leeming	42	10	10	-	0	2	2	261	354	127	0	8.5	260	25	25	17	260	39	25	1655
		Silpho Moor	207	15	9	-	0	4	9	320	215	173	27	8.9	190	23	17	24	340	46	5	1605
	Lincoln	Cranwell	76	12	12	-	0	3	5	211	482	46	0	8.9	250	24	25	14	260	38	25	1410
		Binbrook	118	10	10	-	0	4	9	471	227	37	0	12.1	330	25	5	17	330	38	5	1710
		Manby	26	10	10	-	0	0	0	333	369	42	0	9.7	150	21	23	07	150	36	23	0635
3	Norfolk	Gorleston	16	13	13	-	0	0	0	95	538	111	0	7.0	210	19	26	01	150	37	23	0440
	Suffolk	Mildenhall	30	25	18	-	0	0	0	275	447	22	0	10.0	140	21	23	05	240	36	25	1330
	Bedford	Bedford	98	13	9	-	0	7	23	425	282	14	0	11.9	200	26	25	24	210	39	25	2330
		Cardington	69	41	41	-	0	0	0	48	616	80	0	6.3	330	16	5	18	280	36	25	1505
	Hertford	Garston	94	15	10	-	0	0	0	29	629	86	0	6.1	220	15	25	24	270	40	25	1420
		Rothamsted	141	13	10	-	0	1	1	290	424	29	0	9.4	150	22	23	04	250	38	25	1450
	Essex	Stansted	107	9	9	-	0	0	0	89	562	90	3	7.1	200	20	5	20	370	25	1440	
		Coryton	20	17	15	-	0	12	52	528	145	15	4	13.9	160	32	23	06	160	42	23	0330
		Shoeburyness	36	32	28	-	0	0	0	51	309	364	20	4.2	230	18	25	18	230	41	25	1340
4	Yorks, W.R.	Sheffield	162	25	11	-	0	1	1	168	566	9	0	8.5	300	22	13	19	300	36	13	1800
	Warwick	Edgbaston	196	36	22	-	0	0	0	261	480	3	0	9.6	240	21	25	14	250	34	25	1215
		Elmdon	105	9	9	-	0	0	0	146	529	50	19	8.2	170	18	18	23	140	36	23	0200
	Buckingham	Amersham	152	15	15	-	0	0	0	113	475	156	0	6.6	240	19	25	13	260	45	25	1250
	Stafford	Keele	215	15	10	-	0	2	4	246	376	118	0	8.9	260	23	25	12	190	37	19	0335
	Worcester	Pershore	47	10	10	-	0	8	34	260	304	121	25	9.9	190	30	19	01	190	49	19	0055
	Gloucester	Avonmouth	28	19	10	-	0	0	0	288	448	8	0	9.9	190	20	18	21	250	35	25	1435
5	Greater London	London W/Centre	93	70	38	-	0	1	1	197	503	43	0	8.3	200	22	25	23	250	37	25	1255
		Heathrow	35	10	10	-	0	0	0	141	466	137	0	7.0	1							

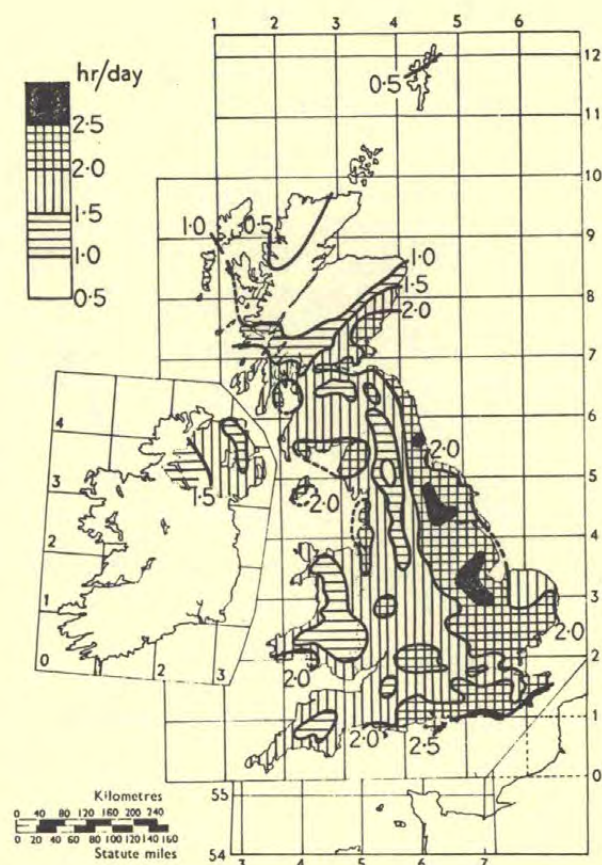


## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

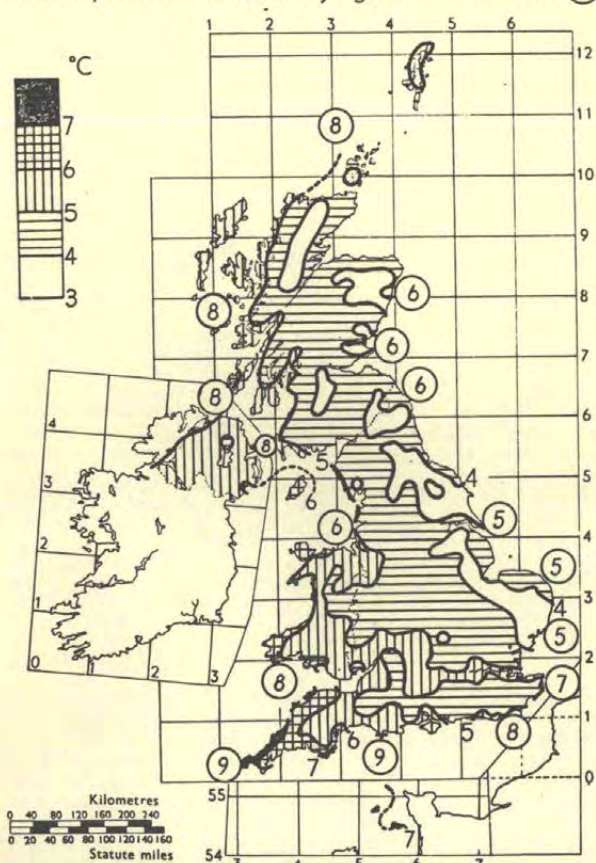


## BRIGHT SUNSHINE

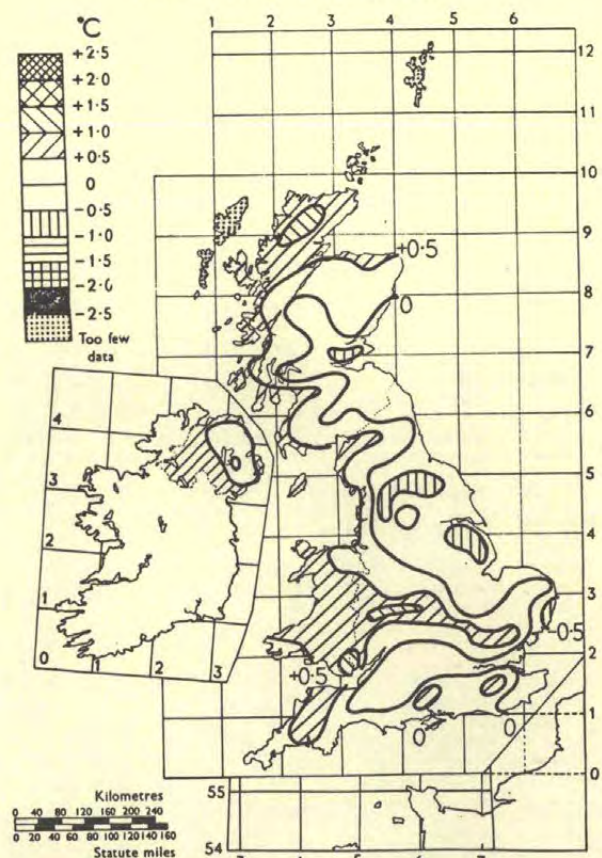


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE (based on 1931-1960 averages)





# RAINFALL JANUARY 1967

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

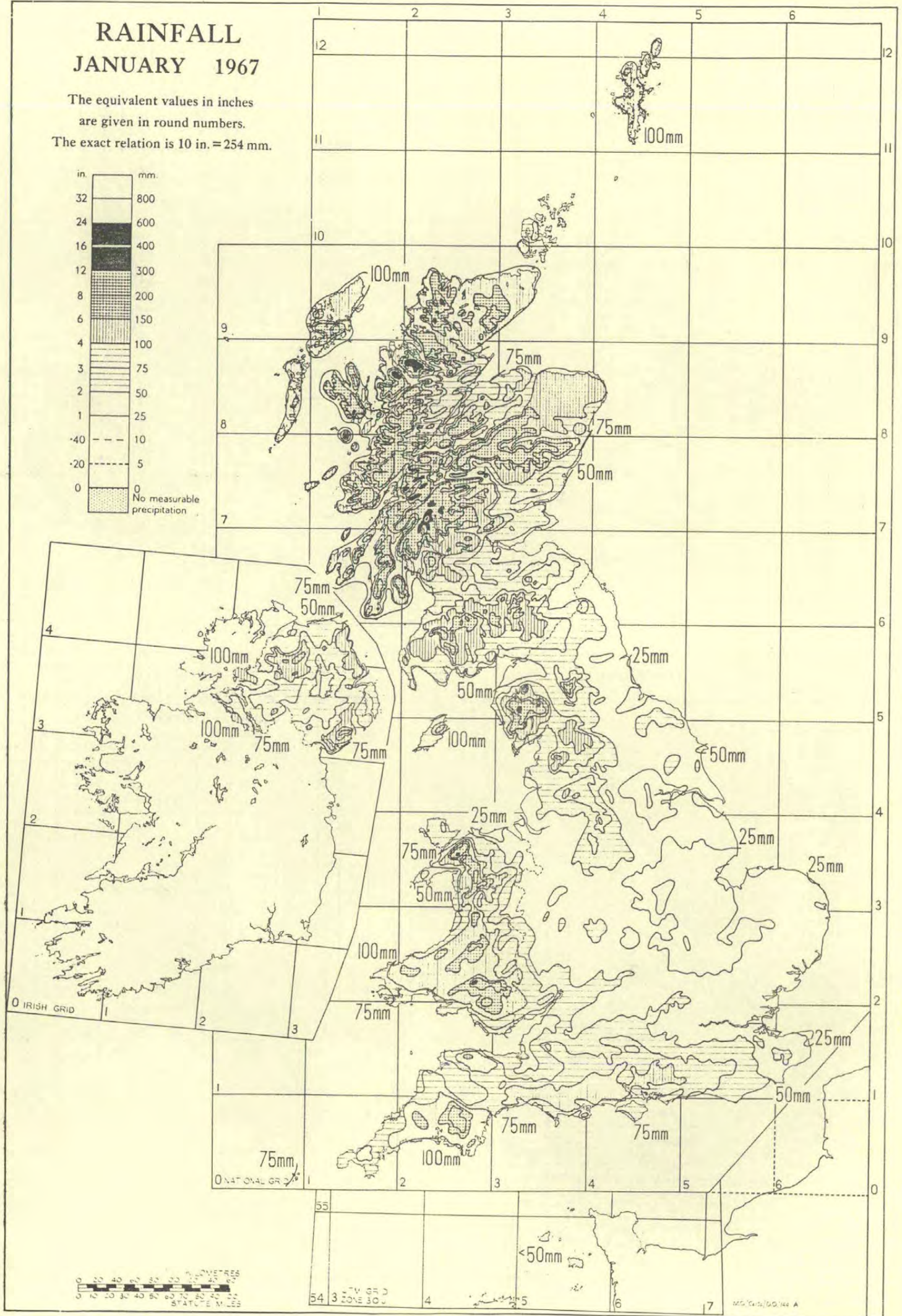
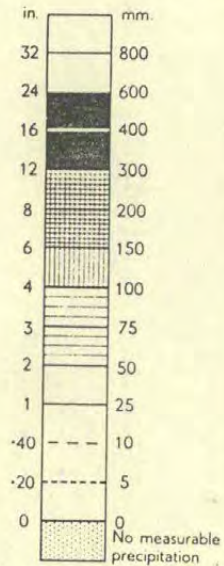




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Most in a day Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more													
0 SCOTLAND, N.																																	
Zetland	Hamnavoe ...	9 9	21	5.9	2.6	4.3	-	8.9	12,13	-0.6	3	-	-	143	-	63	29	30	22	9	4	6	0	0	0	6	-	9	0.67	-	-		
	Lerwick ...	21-9	82	4.8	2.1	3.5	+0.4	9.1	12	-2.5	6	-	-	116	90	25	29	27	21	12	9	2	9	0	0	8	9	5	0.74	93	-		
	Baltaound ...	9 9	24	5.6	1.6	3.6	-	8.9	12	-2.8	7	4.2	-	109	87	17	29	30	24	7	1	1	1	0	0	7	-	4	0.34	-	-		
Orkney	Sule Skerry ...	21 9	13	6.6	4.7	5.7	-	9.1	13	0.0	2	-	-	107	-	20	21	26	18	5	0	3	0	0	0	5	5	-	-	-	-		
	Stenness ...	9 9	23	5.8	2.1	3.9	-	8.9	13	-1.7	4,8,9	3.9	5.2	91	84	12	29	29	21	1	3	0	1	0	0	6	14	1	0.65	-	-		
	Evie ...	9 9	34	6.1	2.1	4.1	-	8.9	13,14	-1.1	3	-	-	61	-	14	29	27	18	-	-	-	-	0	3	14	-	0.96	-	-	-		
Calthness	Kirkwall ...	21-9	26	5.7	2.2	3.9	+0.1	9.1	13	-1.8	2	-	-	83	77	16	29	24	20	10	0	7	0	0	0	6	13	3	0.74	67	-		
	Dounreay ...	9 9	21	6.7	2.3	4.5	-	8.9	12,15,30	-0.6	27	-	-	128	-	28	21	24	18	1	0	2	0	0	0	1	8	4	-	-	-		
	Wick ...	21-9	36	5.5	2.6	4.1	+0.7	9.0	13	-2.7	9	-	-	101	136	25	25	25	17	6	6	0	7	0	0	7	13	0	0.89	62	-		
Sutherland	Cape Wrath ...	21-9	112	6.2	3.3	4.7	+0.1	10.0	28	0.0	4,26	-	-	104	81	21	21	29	23	4	0	1	1	0	0	5	6	0.38	-	-	S		
	Achfary ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Achany ...	9 9	85	5.4	0.7	3.1	-	9.4	30	-6.7	5	2.8	4.6	110	94	19	25	27	17	11	10	2	0	0	1	11	25	0	0.58	-	-		
Ross & Cromarty	Strathay ...	9 9	37	5.9	1.6	3.7	+1.0	9.4	30	-1.7	3,16	-	-	129	114	28	21	29	20	8	0	0	3	0	0	8	-	0	0.48	49	S		
	Stornoway ...	21-9	3	6.8	3.8	5.3	+1.0	9.9	29	-1.7	5	-	-	92	87	17	25	27	18	5	0	1	3	0	0	6	9	2	0.57	50	-		
	Balmacara ...	9 9	4	7.3	3.2	5.3	-	11.7	29	-3.3	5	-	-	121	-	12	31	22	19	1	0	0	0	0	0	5	-	0	-	-	-		
Inverness	Poolewe ...	9 9	6	7.4	3.1	5.3	-	12.2	29	-2.8	5	-	-	98	62	14	25	27	23	-	-	-	-	0	3	16	-	-	0.49	-	S		
	Rudh Re ...	21 9	16	7.3	3.7	5.5	-	11.6	29	-0.2	5	-	-	-	-	-	-	-	-	-	2	0	0	0	0	1	1	0	-	-	-		
	Inverpoll ...	9 9	14	7.2	2.7	4.9	-	11.7	29	-3.9	5	4.7	-	103	-	15	25	27	23	5	2	0	0	1	-	2	10	1	-	-	S		
Inverness	Achnashellach ...	9 9	67	6.5	1.1	3.8	+1.0	12.8	29	-7.8	5	-	-	145	64	18	18	27	23	5	10	0	0	0	0	9	-	0	-	-	-		
	Kinlochewe ...	9 9	23	6.3	1.9	4.1	+0.7	11.7	30	-4.4	6	3.9	-	116	54	15	6	24	20	7	2	0	0	0	0	5	21	1	0.42	-	S		
	Fortrose ...	9 9	5	6.7	3.1	4.9	+1.2	11.7	29	-1.1	5	-	-	69	121	21	18	14	9	3	2	0	0	0	0	3	-	0	0.95	61	-		
Inverness	Tarbatness ...	21-9	18	5.6	2.9	4.3	+0.9	9.0	13	0.0	1,6	-	-	103	219	23	25	20	15	2	0	0	0	0	0	0	-	0	-	-	-		
	Benbecula ...	21-9	6	7.1	3.9	5.5	+0.8	10.4	27	-2.0	24	-	-	101	84	15	25	29	20	5	0	1	2	0	1	3	12	1	1.19	-	-		
	Isle of Rhum ...	9 9	5	7.3	3.0	5.1	-	10.6	27,29	-2.2	5,6,8	4.7	6.7	248	90	36	30	28	24	0	0	1	3	0	0	8	18	2	-	-	-		
Inverness	Prabost ...	9 9	67	6.5	2.9	4.7	-	10.6	27	-0.6	1,5,6	-	-	115	56	11	25	30	23	4	1	0	3	0	0	4	15	3	0.76	-	-		
	Duntulm ...	9 9	90	6.9	3.5	5.2	+0.8	11.1	27,29	-0.6	4	-	-	114	77	27	18	27	24	4	0	5	0	0	0	1	11	2	0.72	66	S		
	Onich ...	9 9	15	7.2	2.3	4.7	+1.1	12.8	29	-3.3	3,4	-	-	134	54	18	25	23	19	-	-	-	-	-	10	18	-	0.74	76	S			
Inverness	Fort William ...	9 9	8	7.6	2.3	4.9	-	12.8	27,29	-4.4	5	3.4	4.5	97	-	14	25	24	14	3	1	2	3	0	0	10	15	3	0.67	-	S		
	Fort Augustus ...	9 9	21	6.4	1.6	4.0	+1.4	12.2	29	-5.6	6	-	-	54	-	9	25	20	13	5	7	0	0	0	0	13	-	2	0.68	-	S		
	Cannich ...	9 9	107	5.8	-0.8	2.5	-	10.0	29	-11.1	6	-	-	76	52	9	25	20	17	4	12	1	0	0	0	16	28	0	-	-	-		
Inverness	Inverness ...	9 9	4	7.3	2.2	4.7	-	12.2	28	-1.7	25	-	-	60	95	16	21	13	12	1	0	0	0	0	0	4	24	0	0.79	-	-		
	Coire Cas Shieling ...	9 9	762	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Cairngorm ...	9 9	1090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Inverness	Achnagoichan ...	9 9	305	4.7	0.0	2.3	-	8.3	27,28,30	-5.0	25	2.6	-	52	-	11	21	19	13	14	-	0	0	0	-	17	25	2	-	-	-		
	Glenmore Lodge ...	9 9	341	4.4	-0.2	2.1	+1.4	9.0	29	-4.9	10	-	-	86	77	15	21	19	16	-	17	-	-	-	-	16	24	-	0.61	-	S		
	1 SCOTLAND, E.																																
Nairn	Nairn ...	9 9	6	6.8	2.1	4.5	+1.4	11.1	29	-1.7	25	-	-	74	145	26	21	16	11	2	1	0	0	0	0	5	12	1	0.90	57	-		
	Grantown-on-Spey ...	9 9	221	5.1	-0.1	2.5	-	9.4	29	-4.4	25	-	-	61	-	19	21	21	10	11	11	0	0	0	0	15	-	0	-	-	-		
	Forres ...	9 9	47	6.3	1.8	4.1	+1.2	10.6	29,30	-1.7	5	2.9	4.3	81	172	33	21	19	10	2	6	1	0	0	0	9	19	0	0.69	40	-		
Moray	Kinloss ...	21-9	5	6.7	2.0	4.3	+1.2	11.4	30	-1.9	6	3.6	-	79	172	34	21	19	12	9	1	0	4	0	0	6	26	0	0.75	-	-		
	Elgin ...	9 9	15	6.7	1.7	4.2	-	10.6	29	-1.1	6	-	-	101	202	42	21	22	15	1	2	0	0	0	0	4	0	0	0.70	-	S		
	Lossiemouth ...	9 9	6	6.7	1.5	4.1	+1.3	13.3	30	-1.1	27	-	-	113	235	42	21	21	15	3	1	1	4	0	0	4	18	0	-	-	-		
Banff	Gordon Castle ...	9 9	32	6.4	2.2	4.3	+1.2	10.6	30	-0.6	5	-	-	97	162	32	21	22	15	4	1	2	0	0	0	4	18	0	-	-	-		
	Glenlivet ...	9 9	215	4.9	1.0	2.9	-	9.9	30	-2.5	3	-	-	80	-	30	21	23	13	11	10	0	0	0	3	17	26	0	0.75	-	S		
	Banff ...	9 9	24	6.6	2.3	4.5	-	9.4	31	-0.6	16	-	-	115	-	33	21	23	18	6	0	1	0	0	0	2	-	3	0.63	-	-		
Aberdeen	Braemar ...	9 9	339	4.6	0.1	2.3	+1.7	7.8	13,14,29	-5.6	6,8	-	-	104	100	13	23	22	18	-	11	-	-	-	0	14	16	-	0.66	-	S		
	Balmoral ...	9 9	283	4.7	-0.8	1.9	+1.3	8.9	30,31	-4.4	5	-	-	90	102	12	23	23	16	10	12	0	0	0	-	17	25	0	-	-	-		
	Dinnert ...	9 9	177	5.6	0.7	3.1	-	10.6	14	-3.9	6	2.3	-	99	-	20	33	21	16	5	11	0	0	0	0	13	24	1	1.71	-	-		
Aberdeen	Huntly ...	9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Fyvie Castle ...	9 9	66	5.4	-0.1	2.7	-	10.6	13	-5.6	5	-	-	120	150	22	23	25	20	3	-	2	0	0	-	14	27	0	0.92	-	S		
	Craibstone ...	9 9	91	5.6	1.3	3.5	+1.0	10.6	13	-2.2	15	2.7	3.9	106	138	23	25	22	15	6	9	1	0	0	1	9	16	0	1.63	91	-		
Aberdeen	Dyce ...	21-9	58	5.6	1.2	3.4	+1.0	10.7	13	-5.2	15	-	-	106	133	22	25	20	16	10	8	0	3	0	0	14	20	0					



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-30 average	Amount (mm.)	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE						
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day (Amount)	Precip'n (0.2 mm. or more or 1.0 mm. or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date																				
2 ENGLAND, N.E.																																
Northumberland	Kielder Castle ...	9 9	201	5.3	-0.2	2.5	-	10.0	29,30	-8.3	6	2.6	-	100	73	15	25	18	15	4	4	0	1	0	10	14	27	0	-	-	-	
	Haydon Bridge ...	9 9	79	6.6	(1.1)	3.9	-	11.1	27,28,29	-5.6	6	2.9	4.4	30	-	5	21	14	9	5	2	0	0	0	0	11	17	0	-	-	-	
Durham	Corbridge ...	9 9	49	6.8	0.8	3.8	-	11.1	27,30	-4.4	6,8	-	-	25	-	6	22	13	7	3	0	0	0	0	0	13	21	0	-	-	-	
	Berwick-on-Tweed †	9 9	23	6.4	2.1	4.3	+0.9	10.0	13,27,30	-2.2	6	-	-	34	65	8	18	12	8	4	2	0	0	0	8	20	0	2.26	128	-	-	
	Cockle Park §§	9 9	99	(6.3)	(0.2)	(3.3)	(+0.7)	10.0	29,30	-5.6	6	2.6	-	46	65	11	21	(16)	(9)	-	-	-	-	-	14	20	-	(2.34)	(131)	-	-	
	Acklington ...	21-9	42	6.1	1.1	3.6	-	10.3	13,30	-3.6	6	-	-	43	68	10	21	12	7	6	2	2	1	0	1	12	19	0	2.45	-	-	
	Tynemouth ...	21-9	29	6.1	2.7	4.4	+0.4	11.0	29	-2.0	8	-	-	32	54	8	23	14	7	6	0	2	0	0	0	7	18	1	2.22	160	-	-
	Seahouses ...	21-9	11	6.5	2.1	4.3	-	9.9	13	-3.0	6	-	-	35	-	9	21	11	7	6	1	0	2	0	0	6	20	0	2.25	-	-	-
	Chopwellwood ...	9 9	136	5.9	0.6	3.3	+0.7	10.0	29,30	-3.9	8	-	-	30	45	9	22	17	10	4	5	0	0	0	1	14	23	0	-	-	S	
	Ushaw College ...	9 9	181	5.6	0.5	3.1	+0.6	8.9	13,14,30	-5.0	8	-	-	37	54	7	22	14	10	5	8	0	0	0	8	13	-	0	-	-	-	
	Houghall ...	9 9	37	(6.6)	-0.1	3.3	+0.8	11.1	29	-7.2	8	-	-	32	50	8	22	15	11	4	5	0	0	0	2	16	24	0	2.33	164	-	-
	Durham §§	9 9	102	6.3	0.2	3.3	+0.5	10.6	29	-8.3	8	2.9	5.2	32	54	8	22	15	9	-	5	-	-	-	-	12	22	-	2.50	149	-	-
Yorkshire	West Hartlepool	9 9	9	7.0	1.7	4.3	-	11.7	27,29	-3.9	8,9	-	-	25	45	9	4	14	9	4	3	0	0	0	0	9	0	0	1.70	-	-	-
	Thirsk ...	9 9	34	6.4	-0.6	2.9	-	10.6	19,29	-9.4	8	-	-	41	-	14	22	17	11	6	8	0	0	0	1	14	23	0	-	-	-	-
N. Riding	Leeming ...	21-9	32	6.5	1.2	3.9	-	11.0	13	-7.6	8	-	-	33	-	12	22	15	10	7	2	0	3	0	4	11	18	0	2.50	-	-	-
	York (Heslington)	9 9	20	6.4	(0.8)	3.6	-	11.1	29	-6.1	9	2.4	4.3	28	-	10	22	13	8	-	3	-	-	-	5	10	19	-	2.55	-	-	-
Yorkshire	Ampleforth ...	9 9	95	5.9	0.6	3.3	+0.6	10.6	31	-5.6	8,9	-	-	41	55	11	22	17	12	5	-	0	0	0	5	15	24	0	-	-	-	S
	Redcar ...	9 9	8	7.4	1.8	4.6	-	11.7	29	-4.4	8	-	-	23	43	6	8	13	8	-	0	-	-	-	0	7	-	1.88	-	-	-	
	Pickering ...	9 9	44	6.1	-0.8	2.7	-	10.9	29	-8.9	9	-	-	37	-	6	5	16	10	7	8	0	0	0	2	16	23	0	-	-	-	-
	Whitby ...	9 9	41	-	(1.4)	-	-	-	-	-6.7	8	-	-	29	45	7	22	13	9	2	0	1	0	0	2	8	-	0	1.85	113	-	-
	Scarborough §§	9 9	36	6.3	2.0	4.1	0.0	10.6	13	-2.2	8,9	4.4	5.9	41	64	11	5	13	10	4	3	0	0	0	2	7	15	0	1.75	123	-	-
	Silpho Moor ...	9 9	203	5.4	0.0	2.7	-	9.4	14,27,29	-6.7	8	2.6	-	61	73	10	23	21	14	6	6	0	1	0	5	17	25	0	2.06	-	-	-
	Whitby C'Guard	21-9	63	6.4	2.0	4.2	-	11.2	29	-6.6	8	-	-	28	-	6	23	12	8	7	0	0	0	2	0	6	15	3	-	-	-	-
	High Mowthorpe	9 9	175	4.7	0.2	2.5	-	9.4	27,29	-6.7	8	1.6	-	51	84	9	23	17	10	5	7	0	0	0	5	14	25	0	2.22	-	-	-
	Hull ... §§	9 9	2	6.8	1.8	4.3	+0.6	11.7	29	-3.9	9	3.2	5.8	29	48	7	22	14	8	4	5	0	0	0	0	9	19	0	2.05	164	-	-
	Leconfield ...	21-9	7	6.1	1.7	3.9	-	11.0	29	-6.3	9	-	-	35	-	8	23	13	10	7	4	0	2	0	2	10	19	0	2.41	-	-	-
Yorkshire	Filey ...	9 9	37	5.9	0.3	3.1	-	10.6	29	-7.2	9	-	-	52	79	15	5	20	11	4	7	0	4	0	1	13	20	1	2.07	-	-	-
	Bridlington ...	9 9	48	5.8	0.9	3.3	-	10.0	19,27	-6.1	9	-	-	47	69	11	5	19	12	8	2	0	2	0	0	11	18	3	2.13	-	-	-
	Kilnsea ...	21-9	12	6.0	1.9	3.9	-	9.7	31	-4.0	9	-	-	38	-	10	5	18	12	5	1	0	0	0	0	10	-	2	1.97	-	-	-
	Waddington ...	21-9	68	6.0	1.8	3.9	+0.9	11.2	29	-5.5	8	-	-	21	-	9	22	12	6	5	1	0	2	0	4	9	19	0	2.41	-	-	-
	Lincoln ...	9 9	7	6.3	0.1	3.2	-	11.7	27,29	-8.9	9	3.2	4.9	29	56	11	22	15	8	1	0	0	0	0	2	14	21	0	2.28	-	-	-
	Cranwell §§	9 9	62	6.3	0.9	3.6	+0.6	11.4	29	-6.2	8	3.3	5.2	19	36	7	22	12	6	3	4	0	0	0	4	10	20	0	2.45	138	-	-
	Brigg ...	9 9	3	6.3	0.8	3.5	-	11.1	29	-7.2	9	-	-	25	-	9	22	17	7	3	3	0	0	0	1	10	20	0	-	-	-	-
	Caistor ...	9 9	30	6.1	0.6	3.3	-	11.7	29	-8.3	9	-	-	27	-	9	22	16	8	-	-	-	-	-	11	-	-	-	-	-	-	-
	Binbrook ...	21-9	108	(5.4)	1.6	3.5	-	10.9	29	-5.3	9	-	-	29	-	9	22	14	7	6	6	0	3	0	1	10	15	0	-	-	-	-
	Cleethorpes ...	9 9	7	6.4	1.9	4.1	+0.6	11.1	29,31	-3.3	9	-	-	25	45	8	22	12	8	-	5	-	-	-	0	7	13	-	2.32	147	-	-
Manby ...	21-9	17	6.3	1.8	4.1	-	11.3	29	-5.2	9	3.7	-	30	57	9	22	15	8	5	4	0	2	0	1	10	22	0	2.41	-	-	-	
Skegness ...	9 9	5	-	1.6	-	-	-	-	-5.0	9	-	-	-	-	-	-	-	-	2	3	0	0	0	0	1	11	-	0	2.13	123	-	-
3 ENGLAND, E.																																
Norfolk	Terrington St. Cl.	9 9	4	5.8	1.3	3.5	-	11.7	29	-7.8	8	3.8	-	28	61	6	27	15	10	4	6	0	0	0	4	11	16	0	2.20	-	-	-
	Santon Downham	9 9	24	6.3	0.4	3.3	-	12.2	29	-10.6	9	3.7	5.3	31	53	5	27	21	11	-	6	-	-	-	6	16	20	-	1.74	-	-	-
Norfolk	West Raynham ...	21-9	76	5.7	1.6	3.7	+0.9	11.5	29,30	-6.6	7	-	-	46	71	9	27	16	12	6	7	0	1	0	5	11	18	0	1.92	-	-	-
	East Dereham ...	9 9	53	6.3	1.4	3.9	-	11.6	29	-5.1	9	-	-	36	-	6	27	14	10	7	5	1	2	0	10	9	15	1	-	-	-	-
	Cromer ...	9 9	54	6.4	1.7	4.1	+0.4	11.1	29	-3.3	9	-	-	34	54	6	22	16	8	-	2	-	-	-	0	9	17	-	1.73	97	-	-
	Sprowston §§	9 9	28	6.2	1.2	3.7	+0.4	11.7	29	-5.6	9	4.4	-	34	58	7	5	14	9	5	6	1	1	0	-	13	21	0	1.57	96	-	-
	Coltishall ...	21-9	17	6.5	2.0	4.3	-	11.8	29	-4.0	9	-	-	32	-	7	5	17	8	9	3	1	2	0	1	10	17	0	-	-	-	-
	Burlingham ...	9 9	27	6.2	1.6	3.9	-	11.7	29	-4.4	9	-	-	26	46	4	27	17	9	6	6	0	1	0	3	12	17	0	2.03	-	-	-
	Gorleston §§	21-9	4	6.0	2.6	4.3	+0.3	10.5	29	-3.5	9	4.6	6.5	33	59	6	4	19	12	8	2	0	0	0	1	8	10	0	1.98			



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date								0.2 mm. or more	1.0 mm. or more														
4 MIDLAND COUNTIES																																		
Yorks.	Slaidburn ...	9 9	192	5.7	0.7	3.2	-	10.6	29	-8.9	8	-	-	100	56	20	22	18	14	3	5	1	0	0	1	11	13	0	1.73	-	-	-		
W. Riding	Malham Tarn ...	9 9	395	3.4	-0.7	1.3	-	7.8	29	-8.3	8	2.6	-	109	60	14	20	18	15	3	10	0	0	0	8	15	23	0	-	-	-	-		
	Huddersfield §	9 9	99	6.7	2.1	4.4	-	12.8	29	-6.1	9	3.1	5.4	36	42	6	22	16	11	-	1	-	-	5	6	16	-	1.83	223	-	-	-		
	" Oakes	21-9	235	5.5	1.5	3.5	-	11.2	29	-5.0	8	2.7	4.9	46	45	5	18	19	14	4	3	0	1	0	4	11	20	0	2.22	172	-	-	-	
	Bradford ¶	9 9	134	6.1	1.4	3.7	+0.8	11.1	27, 29	-6.1	8, 9	3.2	5.3	53	60	9	20	18	12	3	3	2	1	0	5	10	13	0	-	-	-	S		
	Ilkley ...	9 9	96	6.5	1.2	3.9	+1.1	11.7	29	-6.7	8	-	-	63	62	21	22	16	16	2	3	0	0	0	4	11	-	0	1.99	143	-	-	-	
	Sheffield	9 9	131	6.3	(1.8)	4.1	+0.5	11.7	29	-3.9	9	2.9	5.6	50	65	11	22	16	15	2	3	0	0	0	-	11	18	0	2.14	183	-	-	-	
	Pontefract ...	9 9	78	6.4	1.6	4.0	+0.9	11.1	29	-4.4	8	-	-	21	38	5	22	14	10	3	3	0	0	0	5	9	11	0	-	-	-	-	-	
	Bramham ...	9 9	54	6.3	(1.1)	(3.7)	-	11.1	29	-5.0	9	-	-	27	54	8	22	14	9	4	5	0	0	0	2	9	18	0	2.61	-	-	-	-	
	Cawood ...	9 9	6	6.6	1.1	3.9	-	11.1	29	-5.6	9	2.7	4.8	23	39	8	22	13	7	2	1	0	0	0	2	10	22	0	2.96	-	-	-	-	
	Askham Bryan ...	9 9	34	6.3	0.8	3.5	-	10.6	27	-5.0	8	-	-	27	43	10	22	16	8	2	3	0	1	0	4	12	20	0	2.55	185	-	-	-	
Derby	Buxton ... €	9 9	307	4.7	0.9	2.8	+0.9	10.0	27, 29	-7.2	9	2.7	4.3	82	59	13	22	20	18	5	4	0	1	0	11	11	12	0	-	-	-	-	-	
	Derby ...	9 9	48	7.1	2.1	4.6	-	12.2	27, 29	-7.2	9	-	-	37	54	6	30	16	10	2	0	1	0	0	4	8	15	0	1.95	-	-	-	-	
	Morley* ...	9 9	107	6.3	1.4	3.9	-	11.1	27, 29	-6.1	9	-	-	41	56	7	30	16	12	1	0	0	0	1	-	10	22	0	1.78	-	-	-	-	
	Chesterfield ...	9 9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	9 9	48	(6.9)	1.7	(4.3)	+1.2	12.2	27, 29	-6.7	9	4.4	5.9	21	38	7	22	-	-	-	-	-	-	-	-	-	-	-	1.97	145	-	-	-	
	Wainall ...	21-9	117	6.3	1.8	4.1	+0.9	11.3	29	-5.6	9	-	-	41	60	8	22	17	9	6	0	1	1	1	6	11	17	1	1.92	134	-	-	-	
	Nottingham T.C.*	9 9	48	(7.1)	1.8	(4.5)	-	11.7	27, 29	-5.6	9	-	-	24	-	6	22	14	9	-	-	-	-	-	6	7	12	-	2.18	-	-	-	-	
	Mansfield ...	9 9	110	6.2	1.5	3.9	+0.9	11.1	27, 29	-5.6	9	3.1	-	48	71	14	22	16	9	3	4	0	0	0	2	9	19	0	-	-	-	-	-	
	Nottingham ¶§	9 9	59	7.0	1.9	4.5	+1.0	11.7	27, 29	-5.0	9	2.9	4.6	22	38	5	22	14	7	2	0	0	0	0	0	7	15	0	2.14	173	-	-	-	
	Warsop ...	9 9	46	6.7	0.3	3.5	-	11.7	27, 29	-7.8	9	-	-	35	65	12	22	15	8	1	0	0	0	0	5	13	21	0	2.25	-	-	-	-	
	Finningley ...	21-9	10	7.0	2.1	4.5	+1.2	11.4	29	-4.0	9	-	-	20	-	7	22	12	5	5	1	0	0	0	1	10	13	0	2.19	-	-	-	-	
Leicester	Newtown Linford	9 9	119	6.2	1.4	3.8	-	11.1	27, 29	-6.1	9	-	-	24	38	6	22	16	7	2	0	0	0	0	0	2	9	16	0	1.93	-	-	-	-
	Caldecott	9 9	53	6.9	1.0	3.9	-	12.2	29	-6.7	9	-	-	25	46	9	22	10	7	-	0	-	-	-	2	13	18	-	1.94	-	-	-	-	
Northampton	Bugbrooke Mills	9 9	69	-	-	-	-	11.7	27, 29	-6.1	9	4.2	6.3	26	47	6	27	11	8	-	0	-	-	-	1	-	-	-	1.99	-	-	-	-	
	Raunds ... ¶§€	9 9	59	6.6	1.6	4.1	+1.0	12.2	29, 30	-5.6	9	3.3	6.5	22	41	6	22	14	9	3	3	0	0	0	1	11	14	0	2.14	149	-	-	-	
Warwick	Birmingham K.E.S.**	9 9	137	6.8	2.2	4.5	-	11.7	27, 29	-4.4	9	-	-	51	70	13	22	16	11	1	0	0	0	0	5	8	-	0	-	-	-	-	-	
	Edgbaston ...	21-9	163	6.0	2.9	4.5	+1.0	11.5	27	-3.9	9	5.5	7.3	48	63	11	22	18	11	5	3	0	0	0	2	9	10	0	1.61	118	-	-	-	
	Luddington ...	9 9	42	6.9	1.9	4.4	-	12.8	27	-5.0	9	-	-	26	47	8	6	15	10	3	1	0	0	0	0	9	16	0	1.73	-	-	-	-	
	Stratford on Avon	9 9	49	(7.1)	1.3	(4.2)	-	12.8	27	-6.1	5	3.7	-	31	67	8	6	19	11	0	0	0	0	0	0	9	18	0	1.81	-	-	-	-	
	Elmdon ...	21-9	97	6.4	2.1	4.3	+1.1	12.3	27	-6.5	9	-	-	47	73	12	22	15	10	3	0	0	1	0	1	9	14	0	1.74	-	-	-	-	
	Shipston on Stour	9 9	111	6.5	2.2	4.3	-	11.7	27, 29	-3.9	8, 9	4.5	-	37	59	8	6	18	10	3	0	0	0	0	2	8	16	1	1.85	-	-	-	-	
	Wellesbourne ...	9 9	47	-	-	-	-	-	-	-	-	-	-	29	50	7	6	14	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Coventry ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Moreton Morrell	9 9	85	6.6	1.9	4.3	-	11.7	27, 29	-5.0	9	-	-	29	50	10	6	13	8	1	1	0	1	0	2	9	15	0	1.73	-	-	-	-	
	Rugby ...	9 9	117	6.2	(1.7)	(3.9)	+1.0	11.7	27	-5.6	9	3.5	5.2	25	42	5	22	14	9	1	4	0	0	0	0	8	16	0	-	-	-	-	-	
Oxford	Oxford ¶§€	9 9	63	7.2	2.6	4.9	+1.2	12.8	27, 29	-5.0	9	3.7	5.6	36	60	9	6	14	11	2	4	0	0	0	1	8	15	0	2.07	118	-	-	-	
Buckingham	Medmenham	9 9	30	7.3	0.6	3.9	-	13.3	29	-7.2	9	-	-	39	-	9	22	13	10	-	0	-	-	-	15	25	-	-	-	-	-	-	-	
	Grendon Underwood	9 9	67	6.9	0.6	3.7	-	12.2	27, 29, 30	-7.2	9	3.6	6.0	33	-	9	27	13	9	2	0	0	0	0	-	14	19	0	1.92	-	-	-	-	
	Aylesbury ...	9 9	96	6.6	1.7	4.1	-	12.8	29, 30	-7.2	9	-	-	37	62	10	22	13	9	3	1	0	0	0	5	11	20	0	1.54	-	-	-	-	
	Bletchley ...	9 9	86	(4.8)	(1.7)	(3.3)	-	12.8	29	-5.0	9	-	-	26	-	6	22	13	9	2	1	0	2	0	0	12	-	0	-	-	-	-	-	
Stafford	Keele ...	9 9	179	5.8	1.4	3.6	-	11.1	29	-4.4	8, 9	3.3	5.3	51	63	9	6	19	13	2	2	0	1	1	4	9	16	0	1.68	-	-	-	-	
	Oaken ...	9 9	125	(6.3)	(0.9)	(3.6)	-	11.7	29	-6.1	8, 9	3.9	-	40	-	8	22	16	12	-	-	-	-	-	-	10	20	-	-	-	-			



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	125 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n (mm.)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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\* Sunshine read at 11me Ball Tower

\*\* Seed Trial Grounds

\*\*\* Sunshine and Radiation (see Table XIII) read at Bracknell (Easthampsted)



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE			
					MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1911-50 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure	
					A Max.	B Min.	Mean Temperatures (mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																				
7a ENGLAND, N.W.—cont.																																
Lancashire —cont.	Grizedale ...	99	91	6.4	0.2	3.3	-	10.6	29	-7.2	8	3.6	-	144	-	25	22	19	17	3	5	1	0	0	0	1	12	19	0	-	-	-
	Speke ...	21-9	22	7.2	3.0	5.1	-	12.1	29	-4.1	9	-	-	34	47	7	6	19	12	2	0	2	0	0	0	3	7	9	0	2.24	-	-
	Kirkham ...	99	24	(7.0)	1.8	(4.4)	-	12.2	27	-7.2	8	-	-	55	60	8	25	19	13	1	4	0	0	0	0	9	13	0	2.04	-	-	
	Garstang ...	99	21	(7.0)	1.7	(4.3)	-	11.7	27,29	-5.6	6	-	-	53	57	8	22	19	14	-	1	-	-	-	0	10	14	-	1.98	-	-	
	Morecambe ...	99	7	6.8	2.4	4.6	+0.9	12.2	29	-5.0	8	-	-	60	61	9	25	19	14	1	4	0	0	0	0	7	-	0	2.04	136	-	
	Penketh ...	99	15	(7.8)	(1.4)	(4.6)	-	12.8	27	-7.2	9	(4.6)	(6.2)	33	-	5	5	17	14	-	1	-	-	-	3	7	-	-	1.73	-	-	
	Preston ...	99	33	7.1	2.1	4.6	-	12.2	29	-5.6	6,8,10	-	-	56	58	7	31	19	15	1	2	0	1	0	3	9	14	0	-	-	-	
	Stonyhurst	99	115	(6.4)	1.3	3.9	+0.9	11.7	29	-6.7	8	-	-	69	55	10	21	18	15	-	2	-	-	-	2	9	11	-	1.76	128	-	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.49	-	-
	Helmshore ...	99	260	(5.1)	1.0	(3.1)	-	10.0	27,29	-6.7	8	3.4	-	109	64	12	31	21	18	-	4	-	-	-	3	12	19	-	1.65	-	-	
	Burnley ...	99	200	5.7	0.9	3.3	-	11.1	27,29	-7.8	8	3.8	5.8	68	-	14	22	22	15	1	2	0	0	0	4	11	-	1	1.68	-	-	
	Nelson ...	99	165	5.8	1.4	3.6	-	11.1	29	-6.8	8	2.9	5.5	60	50	15	22	18	12	-	5	-	-	-	4	11	11	-	1.18	-	-	
	Rochdale ...	99	110	6.8	0.9	3.9	-	11.7	29	-7.8	9	-	-	76	64	10	18	22	17	3	3	0	0	0	8	10	16	0	-	-	-	S
	Cheshire	West Kirby Park	99	8	7.7	2.8	5.3	-	12.2	27,29	-4.4	8	-	-	25	-	7	6	20	11	-	0	-	-	-	-	5	13	-	1.93	-	-
Bidston		99	60	7.0	3.5	5.3	+1.3	11.7	27,29	-2.8	8	-	-	25	38	4	6,20	15	12	-	-	-	-	3	3	5	-	2.22	141	-		
Ness Gardens ...		99	55	7.2	2.6	4.9	-	12.2	29	-4.4	8	-	-	35	-	8	6	21	11	-	-	-	-	-	5	19	-	-	-	-	-	
Winnington ...		99	20	7.5	2.5	5.0	-	12.8	29	-6.1	9	-	-	36	49	5	20	18	14	1	1	0	1	0	3	7	13	0	-	-	-	
Knutsford ...		99	65	6.8	1.7	4.3	-	12.2	29	-6.2	9	3.1	5.3	42	53	8	6	18	14	-	2	-	-	-	0	10	-	-	-	-	-	
Ringway		99	76	6.5	2.2	4.3	+0.9	12.4	29	-6.0	9	-	-	41	54	5	20	18	14	3	1	0	2	1	3	10	9	0	1.82	167	-	
Macclesfield ...		99	152	(6.2)	1.4	(3.9)	+1.1	11.7	29	-5.6	8,9	-	-	51	59	7	22	19	15	2	1	0	0	0	3	9	-	0	-	-	-	
7b NORTH WALES																																
Flint	Rhyl ...	99	9	8.1	3.5	5.8	+1.0	13.3	29	-4.4	9	-	-	22	34	5	6	17	10	0	0	0	0	0	3	3	-	0	1.71	106	-	
	Prestatyn ...	99	4	8.2	3.5	5.9	-	13.9	27	-5.6	8	-	-	19	28	3	6	18	8	0	-	0	0	0	0	3	-	0	-	-	-	
	Hawarden Bridge	99	5	7.8	3.2	5.5	+1.4	12.2	29	-4.4	8,9	-	-	30	47	7	6	20	11	1	0	0	1	0	1	4	-	0	-	-	-	
Anglesey	Valley ...	21-9	10	7.8	4.7	6.3	+0.7	11.7	29	-4.1	8	-	-	53	58	9	25	20	11	2	0	2	0	0	0	3	6	6	1.55	83	-	
	Colwyn Bay ...	99	36	8.3	3.8	6.1	+0.9	13.3	27,29	-5.0	8	5.8	-	20	27	4	18	18	6	0	0	0	0	0	0	3	-	0	1.79	111	-	
Denbigh	Alwen ...	99	335	5.4	-0.1	2.7	-	10.0	27,29	-11.1	9	-	-	77	53	10	18	22	17	-	-	-	-	-	12	20	-	-	-	-	-	
	Ruthin ...	99	76	7.4	2.2	4.8	-	12.8	27,29	-6.1	9	-	-	37	-	9	6	17	14	0	0	0	0	0	0	8	-	0	1.72	-	-	
Caernarvon	Loggerheads ...	99	210	6.3	(1.3)	(3.8)	-	11.7	27	-7.8	9	3.8	5.6	42	-	7	6	21	13	4	2	0	0	0	2	7	12	0	-	-	-	
	Bwlchgwyn ...	99	386	(4.7)	0.5	(2.6)	-	9.4	29	-8.3	8	3.5	-	70	70	15	22	24	17	-	8	-	-	-	6	10	15	-	-	-	-	
	Wrexham	99	84	7.6	(2.3)	(4.9)	-	13.3	28	-5.1	9	3.9	5.8	39	52	6	22	16	10	2	0	0	0	0	1	5	-	0	-	-	-	
	Bardsey Island ...	21-9	18	8.2	5.5	6.9	-	11.5	30	-1.2	8	-	-	50	-	9	20	17	13	-	0	-	-	-	0	1	1	-	-	-	-	
	Botwnnog ...	99	34	7.8	3.6	5.7	-	10.6	28,29,31	-3.3	8,9	6.0	7.7	63	-	10	20	20	15	2	0	0	3	0	0	4	14	0	1.80	-	-	
	Bryn Adda ...	99	84	7.8	2.8	5.3	-	11.7	20,27,28	-3.9	8	-	-	59	47	9	6	20	15	1	0	0	0	0	1	5	16	0	1.63	-	-	
	Aber ...	99	18	8.9	3.6	6.3	0.6	13.9	29	-1.7	8,9	-	-	62	56	10	22	21	16	2	0	1	0	0	0	2	11	0	0.79	78	S	
Merioneth	Llandudno ...	99	4	8.2	4.3	6.3	0.8	13.3	29	3.3	8,9	-	-	29	39	7	22	16	10	0	0	0	1	0	0	3	-	0	1.82	107	-	
	Trawsfynydd ...	99	186	(6.9)	(2.1)	(4.5)	-	(12.8)	(29)	-5.6	8	-	-	110	-	14	20	20	16	-	0	-	-	-	2	7	16	-	-	-	-	
Montgomery	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen ...	99	144	7.1	1.2	4.1	-	12.2	27,29	-8.3	9	-	-	60	51	17	22	18	15	5	0	1	2	0	-	11	22	0	-	-	S	
	Ceinws ...	99	61	7.9	(1.0)	(4.5)	-	12.8	29	-8.9	9	-	-	119	-	19	31	20	17	-	-	-	-	-	0	11	20	-	-	-	-	
Pembroke	Lake Vyrnwy ...	99	303	5.7	0.8	3.3	-	10.6	29	-6.7	9	3.6	-	97	47	11	31	20	16	5	5	0	0	0	0	9	19	0	-	-	-	
	Dale Fort ...	99	33	8.3	4.9	6.6	-	10.6	27,28,29	-2.2	8,9	(6.6)	-	65	-	12	30	17	15	0	0	0	0	0	0	3	5	2	2.00	-	-	
Cardigan	Milford Haven C.B.	21-9	37	8.0	4.9	6.5	-	11.2	29	-3.5	8,9	-	-	75	-	12	20	18	14	0	0	1	0	0	0	2	9	4	-	-	-	
	Brawdy ...	99	110	7.7	3.6	5.7	-	11.1	29	-5.0	9	-	-	94	71	18	22	20	15	0	0	3	0	0	1	3	8	1	1.61	-	-	
	Orielton ...	99	61	(7.9)	(3.5)	(5.7)	-	11.1	27,29	-5.6	9	6.5	-	92	-	16	20	20	15	0	0	0	0	0	0	6	9	0	-	-	-	
Carmarthen	Carmarthen ...	99	15	8.1	2.0	5.1	-	12.2	27,29	-7.2	9	5.7	7.1	126	-	21	22	18	16	0	0	3	0	0	0	9	19	3	1.98	-	-	
	Llandrindod Wells	99	235	6.4	1.2	3.8	+1.0	11.7	27,29	-7.8	9	4.4	-	73	63	11	23	17	16	1	0	0	0	0	0	9	-	0	1.25	97	-	
Brecknock	Liwynon ...	99	262	(6.2)	0.8	(3.5)	-	10.6	27,29	-7.2	9	-	-	184	-	26	18	19	16	0	0	0	0	0	1	11	-	0	-	-	S	
	Mumbles ...	21-9	36	7.3	4.2	5.7	-	10.7	29	-3.1	9	-	-	-	-	-	-	-	-	0	0	2	0	0	1	3	9	1				



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n (mm.)	0.2 mm. or more or less	1.0 mm. or more or less	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Devon	Plymouth, The Hoe	9 9	36	8.3	4.1	6.2	+0.2	11.7	29	-3.9	10	6.5	8.3	94	86	15	27	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

JANUARY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																					
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																										SPEED IN KNOTS																
																										8 or more	4-7	4-5	1-3	Calm												
																										Number of Observations																
0 SCOTLAND, N.																																										
Zetland Lerwick	83m.	3	1011.5	-	3.7	0.6	7.3	90	7.1	0	1	3	10	17	0	0	0	0	0	1	4	7	7	5	7	2	4	15	9	1	0	0	0	0	0	0	0	0	0	0		
		9	1012.0	+5.5	3.5	0.6	7.1	90	7.1	0	1	0	21	9	0	0	0	0	0	1	4	9	6	8	3	6	20	3	2	0	0	0	0	0	0	0	0	0	0	0		
		15	1012.2	-	3.8	0.7	7.1	87	6.5	0	2	4	12	13	0	0	0	0	0	3	2	7	7	8	4	0	7	19	4	1	1	0	0	0	0	0	0	0	0	0	0	
Orkney Kirkwall	26m.	21	1012.2	-	3.5	0.5	7.3	91	7.0	0	1	4	9	17	0	0	0	0	1	3	4	9	2	10	4	0	7	14	9	1	0	0	0	0	0	0	0	0	0	0	0	0
		3	1011.8	-	4.1	0.6	7.5	90	4.5	1	5	7	8	10	0	0	0	0	0	0	0	6	9	15	1	0	7	14	9	1	0	0	0	0	0	0	0	0	0	0	0	0
		9	1012.1	+5.0	4.2	0.7	7.3	88	6.1	0	4	3	13	11	0	0	0	0	0	0	0	7	10	11	3	1	8	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0
Calthness Wick	37m.	15	1012.0	-	4.7	0.6	7.7	89	6.6	0	3	12	13	0	0	0	0	0	0	0	10	8	9	4	0	8	12	11	0	1	2	3	5	7	4	3	5	3	3	3	3	
		21	1012.1	-	4.3	0.5	7.7	91	6.3	0	6	1	8	16	0	0	0	0	0	0	8	12	9	2	0	10	13	7	1	3	0	5	4	7	3	5	3	3	3	3		
		3	1011.7	-	4.0	0.7	7.3	89	4.9	2	6	7	8	8	0	0	0	0	0	0	0	3	8	15	5	0	4	13	14	0	3	0	5	5	6	1	6	5	5	5		
Sutherland Cape Wrath*	113m.	9	1012.0	+4.4	4.2	0.7	7.4	88	6.1	0	4	3	16	8	0	0	0	0	0	2	3	10	11	5	0	4	17	10	0	2	1	4	7	5	1	5	6	1	5	6	6	
		15	1011.7	-	4.6	0.8	7.5	87	6.3	0	3	3	12	13	0	0	0	0	0	0	8	10	8	5	0	6	16	9	0	1	0	1	4	8	4	2	4	7	6	6	6	
		21	1012.0	-	4.2	0.6	7.5	89	5.3	1	7	6	8	9	0	0	0	0	0	0	8	7	11	5	0	3	13	15	0	1	0	0	4	7	6	1	6	6	6	6		
Ross & Cromarty Stornoway	5m.	3	1010.6	-	5.1	0.7	7.9	90	6.6	0	3	6	4	18	0	0	0	0	0	0	1	2	7	21	2	10	10	8	1	3	1	6	4	4	2	6	4	2	6	4	2	
		9	1010.6	-	5.1	0.6	8.0	91	7.5	0	0	2	7	22	0	0	0	0	0	0	2	3	8	18	3	10	8	9	1	4	2	6	3	3	4	6	2	2	2	2		
		15	1010.5	-	5.2	0.6	8.1	90	7.5	0	0	1	8	22	0	0	0	0	0	0	0	3	2	11	15	4	7	11	8	1	3	2	6	3	3	2	5	4	3	3		
Inverness Benbecula	6m.	21	1010.8	-	5.2	0.7	8.0	90	6.7	0	2	5	3	20	1	0	0	0	0	1	0	3	3	5	19	2	11	8	10	0	3	2	6	6	2	5	5	2	2	2	2	
		3	1011.9	-	5.0	0.6	8.1	91	5.8	2	4	3	10	12	0	0	0	0	0	0	2	13	15	1	0	2	14	15	0	1	1	3	5	8	2	4	7	4	7	4		
		9	1012.0	+4.9	5.1	0.5	8.2	92	6.7	0	3	1	15	12	0	0	0	0	0	0	5	14	9	3	0	6	14	11	0	5	0	6	5	6	2	3	4	5	6	6		
Fife Leuchars	12m.	15	1011.6	-	5.9	0.8	8.3	89	6.8	0	1	5	12	13	0	0	0	0	0	0	6	13	5	7	0	3	17	10	1	1	4	4	6	3	5	6	3	5	6	6	6	
		21	1012.1	-	5.2	0.5	8.2	92	5.8	1	6	4	10	10	0	0	0	0	0	0	5	11	14	1	0	4	14	13	0	5	0	3	3	8	3	6	3	6	3	3		
		3	1011.4	-	5.2	0.6	8.0	89	6.1	0	3	9	7	12	0	0	0	0	0	0	0	3	8	13	7	0	7	15	8	1	5	1	2	7	7	2	2	4	5	6		
Midlothian Turnhouse	44m.	9	1011.3	+3.9	5.1	0.5	8.1	92	6.1	0	4	5	11	11	0	0	0	0	1	0	0	8	8	7	7	0	6	17	3	5	5	0	1	6	7	0	2	5	6	6	6	
		15	1011.2	-	6.2	0.7	8.5	88	6.2	0	5	2	13	11	0	0	0	0	0	0	1	6	8	7	9	0	5	18	7	1	3	2	0	7	3	4	5	6	2	2		
		21	1011.9	-	5.6	0.6	8.3	90	6.1	0	2	8	12	9	0	0	0	0	0	0	0	3	13	8	7	0	7	15	9	0	6	1	2	5	9	0	6	2	2	2		
1 SCOTLAND, E.																																										
Moray Kinloss	6m.	3	1012.4	-	4.1	0.9	7.0	85	5.8	1	3	7	9	11	0	0	0	0	0	0	1	4	6	9	11	0	2	17	10	2	1	0	7	0	4	8	5	4	4	4		
		9	1012.5	+3.9	4.5	0.8	7.4	87	6.4	0	4	1	18	8	0	0	0	0	0	0	0	6	6	13	6	0	2	17	12	0	0	0	9	1	7	5	5	4	4			
		15	1012.1	-	5.7	1.2	7.5	81	6.7	0	3	0	20	8	0	0	0	0	0	0	0	2	6	13	10	0	0	1	20	10	0	1	0	6	3	4	8	4	5	5		
Aberdeen Dyce	59m.	21	1012.7	-	4.4	0.9	7.2	85	5.8	2	5	1	13	10	0	0	0	0	0	0	0	5	6	9	11	0	2	14	15	0	1	0	6	1	5	10	6	2	4	5	5	
		3	1012.2	-	3.2	0.7	6.8	88	4.9	3	5	7	10	6	0	0	0	0	0	1	3	7	10	6	4	0	2	15	8	6	0	0	1	6	4	0	7	7	7	7		
		9	1012.3	+2.9	3.4	0.7	6.9	88	6.5	0	3	1	16	11	0	0	0	0	0	2	6	8	8	5	2	0	2	16	9	4	1	0	3	4	6	1	5	7	7	7		
Angus Usan	35m.	15	1012.2	-	4.4	0.9	7.2	85	5.8	0	5	6	10	10	0	0	0	0	0	1	9	9	5	4	3	0	3	18	8	2	1	0	1	5	8	2	3	9	9	9		
		21	1012.6	-	3.4	0.7	6.9	87	4.9	3	6	6	6	10	0	0	0	0	0	1	8	7	10	3	2	0	2	10	15	4	0	0	1	4	7	1	7	7	7	7		
		3	1012.5	-	4.1	0.9	7.0	84	4.7	0	10	7	6	8	0	0	0	0	0	0	0	5	6	3	17	0	0	13	15	3	1	0	1	3	2	9	8	4	4	4		
Fife Leuchars	12m.	9	1012.4	-	4.4	1.0	7.1	84	5.4	0	5	9	8	9	0	0	0	0	0	1	0	6	4	2	18	0	3	16	12	0	3	1	0	1	7	4	8	7	7	7		
		15	1012.2	-	5.3	1.2	7.3	81	5.6	0	4	9	9	9	0	0	0	0	0	0	2	6	6	4	13	0	3	17	10	1	3	0	1	1	6	5	10	4	4	4		
		21	1012.5	-	4.3	0.9	7.1	85	4.6	3	9	2	7	10	0	0	0	0	0	0	2	7	3	5	14	0	1	14	14	2	5	0	2	0	5	7	7	7	7	7		
Midlothian Turnhouse	44m.	3	1012.7	-	3.4	0.9	6.8	86	5.6	2	5	3	10	11	0	0	0	0	0	1	1	7	6	10	6	0	1	14	13	3	0	2	4	2	1	7	10	2	2	2	2	
		9	1012.8	+2.7	3.6	0.8	7.0	87	5.5	0	6	5	10	10	0	0	0	0	0	1	4	6	5	7	8	0	2	14	14	1	1	0	2	5	3	8	9	2	2	2		
		15	1012.5	-	5.3	1.3	7.2	80	5.5	0	6	7	10	8	0	0	0	0	0	0	3	6	6	9	7	0	0	17	14	1	0	4	0	1	5	2	8	8	3	3		
Argyll Tiree																																										



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

JANUARY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)					WIND SPEED AND DIRECTION																						
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
																										SPEED IN KNOTS															
																										4 or more	6, 7	8, 9	10	Calm											
																										22-33	11-21	1-10	0												
Number of Observations																																									
2 ENGLAND, N.E.																																									
Northumberland Acklington	3	1014.1	-	3.1	0.6	6.9	89	4.5	5	8	2	6	9	1	0	0	0	1	1	3	9	4	10	2	0	0	12	17	2	1	0	1	4	7	4	10	2	4	10	2	
	9	1014.1	+3.1	3.5	0.7	7.0	88	5.7	0	5	6	12	8	0	0	0	0	1	0	7	8	4	7	4	0	0	15	15	0	2	0	0	5	10	2	8	4	10	2		
	15	1013.7	-	5.1	1.1	7.4	83	5.5	0	7	5	13	6	0	0	0	0	0	3	5	4	7	7	5	0	0	12	17	2	0	0	0	2	5	9	8	5	5	5		
Tynemouth	3	1014.5	-	3.4	0.7	7.1	89	4.8	4	6	4	8	9	0	0	0	0	0	5	5	6	6	7	2	0	0	16	11	4	0	0	1	2	5	4	12	3	4	12	3	
	9	1014.8	-	4.1	0.7	7.4	88	4.6	7	3	4	10	7	0	0	0	0	0	0	4	6	14	7	0	0	1	21	9	0	1	0	0	3	8	3	14	2	4	12	2	
	15	1014.7	+3.2	3.8	0.7	7.1	87	5.9	0	5	5	10	11	0	0	0	0	0	2	10	8	1	0	1	1	1	17	11	1	0	0	1	2	10	4	9	4	10	2		
Seahouses	3	1014.5	-	5.5	1.3	7.3	80	5.7	2	2	8	12	7	0	0	0	0	0	5	9	13	4	0	0	0	0	19	9	2	3	0	0	1	9	4	10	2	4	10	2	
	9	1015.2	-	4.5	0.9	7.4	85	5.2	6	4	2	7	12	0	0	0	0	0	2	8	10	11	0	0	0	0	20	10	1	3	0	0	1	10	3	10	3	10	3		
	15	1014.1	-	4.1	1.0	7.0	84	4.5	1	11	5	4	10	0	0	0	0	1	1	2	11	11	4	1	0	0	9	20	2	3	0	0	1	1	7	4	10	3	10	3	
Yorks, N. Riding Leeming	3	1013.8	-	4.0	1.0	6.9	84	5.4	0	8	5	9	9	0	0	0	0	0	0	6	8	6	6	5	0	2	7	21	1	1	0	1	0	11	1	14	2	1	14	2	
	9	1013.5	-	5.4	1.3	7.3	81	5.1	0	8	8	7	8	0	0	0	0	1	3	2	6	5	9	5	0	1	12	16	2	3	0	0	2	8	3	12	1	1	12	1	
	15	1014.2	-	4.2	1.1	3.7	82	4.8	0	11	6	3	11	0	0	0	0	1	2	2	8	10	8	0	0	0	8	21	2	3	0	0	0	0	9	6	7	4	1	1	7
Whitby Coastguard	3	1015.3	-	3.6	0.9	6.9	85	4.7	6	5	3	5	11	1	0	1	0	1	3	8	5	4	3	6	0	0	9	15	7	2	0	0	3	9	2	5	3	3	6	3	
	9	1015.1	-	3.1	0.8	6.8	87	5.6	0	6	6	9	9	1	0	0	1	3	2	6	5	3	3	8	0	0	11	18	2	2	0	0	4	11	3	3	6	3	6	3	
	15	1015.0	-	5.8	1.5	7.3	78	4.9	0	8	8	8	7	0	0	0	1	4	6	4	3	6	6	0	0	0	12	18	1	2	0	0	5	10	3	3	7	1	1	3	7
Yorks, E. Riding Leconfield	3	1015.8	-	4.0	0.9	7.1	84	5.0	3	6	7	9	1	0	0	1	3	4	5	3	6	3	6	0	0	0	12	17	2	0	0	0	2	12	3	5	7	1	1	3	5
	9	1015.5	-	3.8	0.7	7.2	88	5.1	3	5	6	11	0	0	0	1	0	2	0	12	16	0	0	1	3	11	14	2	1	0	0	2	9	8	6	3	1	1	8	6	
	15	1015.3	-	3.8	0.8	7.1	86	5.4	0	8	5	10	8	0	0	0	0	1	2	10	16	2	0	1	6	15	9	0	0	0	1	5	6	8	7	4	1	1	5	5	
Kilnsea	3	1015.0	-	5.9	1.4	7.5	80	5.2	1	5	8	13	4	0	0	0	0	0	1	0	13	14	3	0	2	5	11	12	1	2	0	1	4	8	5	5	5	5	5	5	
	9	1015.9	-	4.5	0.9	7.4	86	4.8	5	4	5	9	8	0	0	0	0	0	2	11	15	1	0	0	5	11	15	0	3	0	0	3	10	6	9	0	1	1	6	9	
	15	1015.8	-	3.3	0.6	7.1	89	5.5	6	3	1	4	15	2	0	1	1	0	1	10	12	3	3	0	0	0	16	11	4	0	0	0	3	7	4	11	2	1	1	2	
Lincoln Waddington	3	1015.7	+3.2	2.6	0.3	6.8	89	5.4	0	9	5	4	13	0	0	1	0	1	3	6	10	7	3	0	0	0	15	13	3	0	0	0	7	3	6	11	1	1	1	1	
	9	1015.5	-	5.6	1.3	7.5	81	5.5	0	5	6	13	6	1	0	1	0	1	2	5	14	6	1	1	0	1	13	16	1	0	1	0	2	11	2	8	6	1	1	2	8
	15	1016.3	-	3.7	0.7	7.2	88	4.8	7	4	2	7	9	2	0	1	0	2	2	6	14	5	1	0	0	0	14	15	2	0	0	0	5	8	4	9	3	1	1	3	
Binbrook	3	1016.5	-	3.2	0.5	7.2	92	5.3	6	2	7	4	13	0	0	0	0	0	1	3	14	13	0	0	0	2	24	3	2	1	0	1	0	11	3	10	3	1	1	3	10
	9	1016.1	+3.8	3.3	0.5	7.1	91	5.7	1	3	11	5	11	0	0	0	0	0	1	4	13	13	0	0	0	5	21	5	0	0	0	1	3	9	3	8	7	1	1	5	7
	15	1015.8	-	4.9	0.8	7.7	86	6.1	0	3	7	11	8	2	0	1	2	0	1	3	13	11	0	0	0	3	17	10	1	1	1	0	1	8	5	7	7	1	1	5	7
Manby	3	1016.9	-	3.8	0.6	7.4	90	5.0	8	1	4	4	14	0	0	0	0	1	3	12	13	0	0	0	0	6	16	9	0	1	1	2	0	10	3	9	5	1	1	3	9
	9	1016.5	-	3.0	0.5	7.1	91	5.6	4	3	4	6	13	1	0	1	2	2	4	9	9	3	1	0	0	6	25	0	1	1	1	4	7	8	5	4	1	1	4	5	
	15	1016.2	+2.6	3.0	0.4	7.1	92	5.6	3	4	4	6	13	1	0	1	3	2	7	13	3	2	0	0	0	10	21	0	2	0	1	3	6	10	4	5	1	1	1	4	5
Wattisham	3	1016.2	-	5.4	1.1	7.7	83	5.2	1	8	4	11	6	1	0	1	0	3	4	13	8	2	0	0	0	14	17	0	1	1	1	1	10	7	2	8	1	1	1	2	
	9	1017.2	-	3.5	0.6	7.3	90	4.7	4	7	4	5	11	0	0	0	1	5	5	11	7	2	0	0	0	8	23	0	1	2	0	0	10	6	4	5	1	1	1	6	
	15	1016.0	-	2.7	0.4	7.0	91	5.7	4	3	2	10	11	1	0	0	0	2	2	7	13	5	2	0	0	19	12	0	0	0	1	3	8	7	9	3	1	1	9	3	
Aldeburgh	3	1016.0	-	2.8	0.5	7.0	91	5.9	1	4	5	10	11	0	0	1	0	0	11	12	6	1	0	0	0	1	20	8	2	0	0	0	5	7	5	8	4	1	1	8	4
	9	1015.9	-	4.8	0.9	7.5	85	5.8	2	3	5	12	9	0	0	0	3	1	4	14	6	3	0	0	3	14	13	1	1	0	1	1	9	6	6	3	1	1	9	6	
	15	1016.8	-	3.2	0.5	7.2	90	5.4	6	3	1	8	12	1	0	0	2	3	5	15	6	0	0	0	0	21	10	0	1	0	1	0	11	6	7	5	1	1	6	7	
Bedford Cardington	3	1016.2	-	3.1	0.4	7.2	92	5.3	6	4	1	7	12	1	0	1	0	1	0	5	15	8	1	0	0	0	10	19	2	0	0	1	2	8	5	9	4	1	1	5	9
	9	1016.0	-	3.2	0.4	7.2	92	5.3	1	6	5	6	12	1	0	1	0	2	6	15	4	3	0	0	0	13	16	2	0	0	0	1	4	8	2	8	6	1	1	4	6
	15	1015.9	-	5.5	1.0	7.8	84	5.7	1	4	6	11	8	1	0	0	0	1	2	4	17	3	4	0	0	0	16	14	1	1	1	0	2	6	6	10	4	1	1	6	10
Essex Stansted	3	1016.9	-	3.7	0.6	7.4	90	5.5	5	3	2	8	13	0	0	0	0	0	2	9	11	8	1	0	0	0	15	14	2	0	0	0	9	5	7	4	1	1	7	4	
	9	1016.9	-	3.7	0.6	7.4	90</																																		



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

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DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																	
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										8 or more	4-7	4-5	1-3	Calm								
																										24 or more	22-33	11-21	1-10	0								
Number of Observations																																						
4 MIDLAND COUNTIES —cont.		3	1016.0	-	3.5	0.7	7.1	87	5.8	5	1	3	6	15	1	0	1	0	3	8	7	11	0	0	0	0	7	22	2	0	0	2	3	10	1	8	5	
Finningley	14m.	9	1015.9	+2.8	3.7	0.6	7.2	89	4.8	4	6	4	6	10	1	0	1	0	7	6	13	3	1	0	0	0	9	21	1	1	1	1	5	7	0	9	6	
		15	1015.9	-	6.2	1.3	7.7	80	5.2	2	6	8	9	0	0	0	0	0	1	3	7	14	4	2	0	0	1	7	23	0	2	0	1	12	2	4	9	
		21	1016.7	-	4.2	0.8	7.4	87	4.3	8	3	6	4	10	0	0	0	0	1	7	4	15	4	0	0	0	0	8	19	4	1	0	0	4	10	2	8	2
Northampton Wittering	67m.	3	1017.0	-	3.2	0.5	7.3	91	6.0	4	1	5	4	15	2	0	1	1	0	5	6	11	4	3	0	0	0	11	19	1	1	0	1	5	8	3	9	3
		9	1016.7	+2.7	3.3	0.4	7.3	92	5.4	2	7	3	6	12	1	0	1	0	3	1	4	9	9	2	2	0	0	13	18	0	3	0	1	2	8	4	9	4
		15	1016.7	-	5.8	1.2	7.8	82	5.4	1	8	2	10	10	0	0	0	0	0	0	10	9	7	5	0	0	0	16	14	1	1	0	2	10	5	6	6	
Warwick Edgbaston	165m.	3	1017.8	-	3.8	0.7	7.3	88	5.7	3	4	3	8	13	0	0	0	0	3	9	13	6	0	0	0	0	0	14	17	0	0	1	1	3	10	3	5	8
		9	1016.9	+2.8	4.0	0.6	7.5	90	5.8	0	6	4	11	9	1	0	0	1	1	4	8	12	4	1	0	0	5	26	0	1	0	2	2	10	4	7	5	
		15	1017.0	-	5.5	1.3	7.5	81	5.9	1	4	6	7	12	1	0	0	0	2	3	5	11	10	0	0	0	13	18	0	1	1	1	2	11	4	3	8	
Elmdon	110m.	3	1017.8	-	4.4	0.7	7.6	88	6.0	2	2	1	9	16	1	0	0	1	2	2	5	15	5	1	0	0	0	8	23	0	0	1	1	4	12	1	6	6
		9	1016.9	-	3.8	0.6	7.5	90	6.7	0	4	1	10	16	0	0	0	0	1	2	10	12	6	0	0	0	9	20	2	2	0	0	4	11	2	5	5	
		15	1016.8	-	4.0	0.6	7.5	90	5.8	1	6	2	10	11	1	0	0	1	0	3	15	9	3	0	0	0	9	20	2	2	0	0	2	10	5	3	7	
Shropshire Shawbury	76m.	3	1016.9	-	5.8	1.4	7.4	79	5.6	2	6	3	8	12	0	0	0	0	1	4	7	13	6	0	0	0	16	15	0	2	1	1	2	11	4	3	7	
		9	1017.7	-	4.2	0.7	7.6	90	5.9	3	1	8	4	15	0	0	0	0	3	7	9	12	0	0	0	0	9	20	2	1	0	1	4	8	4	4	7	
		15	1016.4	-	3.9	0.6	7.4	89	6.3	4	2	1	6	17	1	0	0	1	0	3	1	7	11	8	0	0	6	20	5	0	0	0	7	6	1	7	5	
Worcester Persore	36m.	3	1016.4	-	3.9	0.6	7.4	90	5.9	0	6	3	13	8	1	0	1	0	1	2	12	5	9	1	0	0	7	23	1	1	1	2	2	8	2	8	6	
		9	1016.3	-	6.1	1.2	7.9	82	5.5	0	9	1	12	9	0	0	0	0	0	1	3	7	12	6	2	0	1	11	17	2	2	0	1	11	1	7	6	
		15	1017.0	-	4.5	0.7	7.7	89	5.9	4	2	2	7	16	0	0	0	0	1	1	4	11	5	9	0	0	5	25	1	1	0	1	1	14	2	8	3	
Hereford Ross-on-Wye	69m.	3	1017.0	-	4.1	0.6	7.6	90	6.3	2	2	5	5	17	0	0	1	0	1	1	2	10	10	5	1	0	1	7	19	4	1	1	1	3	7	8	5	1
		9	1017.1	-	4.2	0.7	7.6	89	6.1	0	5	4	12	10	0	0	0	0	1	1	1	10	9	8	1	0	9	19	3	1	1	0	1	8	9	4	4	
		15	1017.1	-	6.4	1.4	7.8	80	5.8	1	4	0	8	12	0	0	0	0	1	2	3	8	6	9	2	0	0	14	17	0	5	0	2	0	8	7	5	4
Gloucester Filton	60m.	3	1017.8	-	4.6	0.7	7.7	88	5.9	5	2	2	5	17	0	0	1	0	2	0	4	8	11	5	0	0	0	10	16	5	2	0	1	1	10	7	5	0
		9	1016.9	+2.6	4.6	0.8	7.7	88	6.0	0	5	3	10	13	0	0	0	0	0	1	1	11	4	13	1	0	0	1	28	2	1	1	2	0	9	14	2	0
		15	1016.8	-	6.5	1.4	7.8	79	6.4	1	2	5	6	17	0	0	0	0	0	1	3	10	3	13	1	0	0	5	24	2	3	0	2	1	7	6	6	4
Gloucester	24m.	3	1017.4	-	5.1	0.8	7.9	87	6.1	5	0	4	3	19	0	0	0	0	1	3	10	3	13	1	0	0	4	24	0	0	1	3	2	6	14	5	0	
		9	1017.4	-	4.7	0.6	8.0	91	5.2	5	3	4	7	12	0	0	0	0	0	3	2	20	6	0	0	0	5	23	3	4	0	0	5	9	6	4	0	
		15	1017.6	+2.8	4.6	0.6	7.9	90	6.0	1	5	3	9	13	0	0	0	0	1	4	6	10	6	4	0	0	0	7	20	4	2	1	0	2	9	9	4	0
Little Rissington	229m.	3	1017.6	-	6.8	1.4	8.1	80	5.9	0	6	3	10	12	0	0	0	0	0	2	4	9	13	3	0	0	1	11	18	1	3	2	0	1	11	4	6	3
		9	1018.2	-	5.2	0.7	8.2	89	5.0	4	3	3	10	11	0	0	0	0	0	3	6	14	8	0	0	0	7	19	5	0	2	1	2	10	5	6	0	
		15	1017.5	-	4.7	0.8	7.8	88	5.8	3	2	5	7	14	0	0	0	0	0	1	5	15	9	1	0	0	5	20	6	1	1	0	1	10	9	2	1	
Greater London Heathrow	26m.	3	1017.6	-	5.0	0.8	7.8	86	6.2	0	5	2	14	10	0	0	0	0	3	2	7	9	4	6	0	0	0	4	22	5	2	1	1	2	8	7	4	1
		9	1017.5	-	7.0	1.6	7.9	77	6.1	0	3	6	9	13	0	0	0	0	1	3	6	8	7	0	0	0	8	21	2	3	2	0	1	9	6	3	5	
		15	1018.1	-	5.5	0.9	8.0	85	6.2	4	0	3	9	15	0	0	0	0	3	2	10	10	6	0	0	0	9	15	7	1	1	1	2	8	10	1	0	
Surrey Gatwick	59m.	3	1017.4	-	3.1	0.4	7.3	92	6.0	3	3	4	5	15	1	0	1	1	0	6	10	10	2	0	0	0	1	9	20	1	3	0	1	9	8	5	3	
		9	1017.4	+3.0	3.3	0.4	7.4	92	6.4	1	3	2	12	12	1	0	1	1	0	1	4	7	6	10	1	0	7	23	1	2	2	0	1	8	6	5	6	
		15	1017.3	-	4.8	1.0	7.5	85	6.3	2	1	5	10	11	2	1	3	0	0	1	2	7	6	9	2	0	0	12	17	2	3	1	0	8	4	5	7	
Kent Dungeness	13m.	3	1018.2	-	3.5	0.5	7.4	91	6.0	4	2	3	4	17	1	0	0	2	1	1	13	10	3	0	0	0	13	18	0	1	1	1	1	9	8	3	7	
		9	1018.2	-	3.5	0.5	7.4	91	6.0	4	2	3	4	17	1	0	0	2	1	1	13	10	3	0	0	0	13	18	0	1	1	1	1	9	8	3	7	
		15	1018.2	-	3.5	0.5	7.4	91	6.0	4	2	3	4	17	1	0	0	2	1	1	13	10	3	0	0	0	13	18	0	1	1	1	1	9	8	3	7	
Sussex Thorney Island	4m.	3	1018.0	-	3.8	0.5	7.5	90	5.9	5	3	1	3	18	1	0	0	1	1	2	3	12	9	3	0	0	0	8	20	3	1	1	1	3	10	1	10	1
		9	1017.8	-	4.2	0.5	7.7	90	5.9	2	5	0	11	13	0	0	0	0	0	1	8	10	10	2	0	0	0	7	23	1	1	0	1	3	10	4	10	1
		15	1017.7	-	6.4	1.5	7.6	78	6.2	1	3	2	18	7	0	0	0	0	0	1	2	10	14	3	1	0	0	15	16	0	1	1	1	1	8	4	8	7
Berkshire Abingdon	71m.	3	1018.7	-	4.6	0.9	7.5	87	5.5	4	3	4	8	12	0	0	0	0	5	4	12	10	0	0	0	0	0	10	19	2	0	1	1	3	11	2	8	3
		9	1018.0	-	4.9	0.8	7.7	86	5.8	3	4	1	10	13	0	0	0	0	0	1	4	20	3	3	0	0	0	4	27	0	0	1	0	3	9	8	7	3
		15	1017.9	-	6.																																	



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

JANUARY,

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DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	22-33	11-21	1-10	0									
																										Number of Observations													
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1014.9	-	3.9	0.9	7.0	85	6.4	1	3	2	12	12	1	0	0	1	0	0	16	10	4	0	0	0	10	17	4	0	0	2	7	5	8	5	0		
		9	1014.7	-	3.9	0.9	7.1	86	6.2	0	5	2	11	11	2	1	0	0	1	1	3	7	11	5	2	0	0	12	16	3	0	1	0	7	5	7	6	2	
		15	1014.6	-	5.5	1.2	7.5	82	5.7	0	5	6	12	8	0	0	0	0	1	2	3	11	9	4	1	0	0	8	19	4	0	0	3	4	3	9	7	1	
		21	1015.3	-	4.0	0.9	7.2	86	5.6	3	4	5	4	13	2	0	1	1	1	2	16	8	2	0	0	0	8	17	6	0	0	3	7	4	6	5	0		
		3	-	-	-1.2	0.0	5.6	98	7.3	2	0	1	0	1	0	1	27	15	12	0	0	0	0	2	1	1	0	10	16	4	1	3	0	1	4	3	9	7	3
Westmorland Great Dun Fell	-	3	-	-	-1.2	0.0	5.6	98	7.3	2	0	1	0	1	27	15	12	0	0	0	0	0	2	1	1	0	10	16	4	1	3	0	1	4	3	9	7	3	
		9	-	-	-1.2	0.0	5.6	98	7.6	1	0	1	0	2	27	9	18	0	0	0	1	0	0	3	0	1	12	12	6	0	3	1	1	4	4	8	7	3	
		15	-	-	-0.5	0.1	5.9	97	6.4	5	1	0	2	1	22	11	10	0	1	0	1	0	2	6	0	2	9	15	4	1	2	0	1	0	8	6	8	5	2
		21	-	-	-0.7	0.0	5.8	98	7.1	3	0	1	0	1	26	17	9	0	0	0	1	0	3	1	0	0	7	17	6	1	4	0	0	4	7	8	5	2	
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Lancashire Squires Gate	11m.	3	1015.2	+2.5	4.3	0.6	7.7	91	5.6	0	7	4	10	9	1	0	0	0	1	3	6	7	9	5	0	0	20	9	2	4	0	2	8	5	3	6	1		
		9	1015.3	-	6.1	0.9	8.3	86	6.0	1	4	3	13	10	0	0	0	1	0	2	8	14	6	0	0	1	18	12	0	3	0	3	6	5	2	5	7		
		15	1015.8	-	4.8	0.5	8.0	91	5.9	3	1	5	11	10	1	0	1	0	0	2	9	12	7	0	0	0	15	15	1	2	3	3	7	7	1	4	3		
		21	1015.9	-	4.6	0.7	7.6	88	6.2	1	3	4	12	11	0	0	0	0	1	1	1	10	16	2	0	0	1	13	15	2	2	0	1	6	8	1	3	8	
		3	1015.8	-	4.5	0.7	7.6	89	5.5	0	7	4	9	11	0	0	0	0	3	1	4	13	10	0	0	0	12	16	3	3	1	1	4	8	3	4	4		
Speke	26m.	9	1015.8	-	6.4	1.1	8.1	82	5.6	0	7	3	13	8	0	0	0	0	2	5	12	8	4	0	0	0	13	17	1	3	0	2	5	7	3	3	7		
		15	1015.8	-	5.2	0.8	7.9	87	5.7	1	5	4	12	9	0	0	0	0	1	1	3	19	7	0	0	0	11	17	3	2	1	1	5	8	3	4	4		
		21	1016.3	-	3.6	0.5	7.4	91	5.8	3	5	2	4	16	1	0	2	0	1	9	13	5	1	0	0	0	6	20	5	0	0	0	5	10	3	6	2		
		3	1016.2	-	3.6	0.5	7.4	91	5.6	0	6	4	12	8	1	0	0	2	1	2	7	12	7	0	0	0	5	23	3	1	1	0	2	13	3	5	3		
		15	1016.0	-	5.6	1.2	7.6	81	5.7	3	4	4	11	10	0	0	0	1	3	8	14	3	2	0	0	0	12	16	3	0	1	1	1	3	7	4	3		
21	1016.7	-	4.3	0.6	7.7	90	5.3	6	4	1	4	15	1	0	1	1	1	4	12	11	1	0	0	0	0	11	16	4	1	0	2	3	13	4	3	1			
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1015.0	-	6.2	0.9	8.3	87	6.2	2	5	1	3	20	0	0	0	0	0	1	8	10	7	5	0	3	20	5	3	1	0	1	4	10	2	5	5		
		9	1015.3	+3.0	5.8	0.8	8.2	87	5.9	0	3	7	10	11	0	0	0	0	0	0	8	9	8	6	0	6	14	9	2	5	0	1	1	12	2	6	3		
		15	1015.2	-	7.2	1.2	8.5	82	6.6	0	1	6	12	12	0	0	0	0	0	2	4	12	9	4	1	7	13	9	1	3	4	0	3	10	3	4			
		21	1015.6	-	6.4	1.0	8.4	86	6.3	0	5	2	11	13	0	0	0	0	0	1	5	15	6	4	0	8	15	8	0	1	1	5	8	5	4	6			
		3	1015.0	-	6.8	0.5	9.2	92	6.4	3	1	2	6	19	0	0	0	0	0	0	2	9	16	4	1	9	18	3	0	8	2	1	1	10	4	3	2		
Caernarvon Bardsey Island	19m.	9	1015.0	-	6.7	0.5	9.2	93	6.2	1	2	6	9	13	0	0	0	0	0	0	2	4	15	10	0	12	14	4	1	5	2	1	1	8	4	6	3		
		15	1015.1	-	7.4	0.6	9.6	92	6.7	0	1	6	7	17	0	0	0	0	0	0	0	9	13	9	1	13	11	6	0	10	0	1	2	10	3	2	3		
		21	1015.3	-	7.1	0.5	9.4	92	5.4	6	1	5	4	15	0	0	0	0	0	0	0	9	19	3	0	12	12	5	2	6	2	1	2	9	5	1	3		
8a SOUTH WALES																																							
Cardigan Aberporth	134m.	3	1015.9	-	5.6	0.9	8.0	85	6.1	2	3	4	6	16	0	0	0	0	0	1	8	15	4	3	0	3	18	10	0	2	0	2	3	11	0	7	6		
		9	1016.2	+2.5	4.9	0.7	7.9	88	5.5	0	8	2	13	8	0	0	0	0	0	2	4	17	5	3	0	4	17	10	0	4	0	1	1	13	3	5	4		
		15	1016.0	-	6.4	1.0	8.4	85	6.2	0	3	5	14	9	0	0	0	0	0	0	11	11	6	3	0	4	16	9	2	5	2	0	0	13	2	3	4		
		21	1016.5	-	5.6	0.8	8.1	87	6.2	2	4	3	5	17	0	0	0	0	0	1	12	12	2	4	0	2	20	9	0	2	1	1	6	8	5	3	5		
		3	1016.5	-	6.5	1.0	8.4	84	5.5	1	1	6	2	17	0	0	0	0	0	2	9	16	4	0	0	6	8	17	0	2	2	0	3	8	2	5	9		
Pembroke Milford Haven C.B.	39m.	9	1016.7	-	6.2	1.0	8.1	84	5.6	1	3	11	2	14	0	0	0	0	0	0	13	17	1	0	1	5	9	14	2	1	3	0	3	7	3	5	7		
		15	1016.7	-	7.7	1.3	8.8	82	6.2	1	3	5	8	14	0	0	0	0	0	1	11	15	4	0	0	5	17	9	0	3	3	1	4	8	4	2	6		
		21	1016.9	-	6.8	0.9	8.7	86	5.8	2	3	6	5	15	0	0	0	0	0	0	13	15	3	0	1	5	12	12	1	2	3	0	5	7	6	0	7		
		3	1016.7	-	5.9	0.8	8.3	87	6.2	2	2	3	10	14	0	0	0	0	0	0	4	21	5	1	0	2	14	15	0	3	1	1	5	6	2	8	5		
		9	1017.0	-	5.6	0.9	8.0	86	5.5	1	3	8	9	10	0	0	0	0	1	0	9	18	3	0	0	2	13	16	0	4	0	2	2	5	4	10	4		
Glamorgan Mumbles	37m.	15	1016.9	-	6.8	1.0	8.5	84	6.1	1	3	5	12	10	0	0	0	0	1	13	13	4	0	0	5	16	9	1	4	0	2	4	4	4	6	6			
		21	1017.4	-	6.0	0.7	8.5	89	5.9	4	2	4	4	17	0	0	0	0	0	6	18	7	0	0	4	14	13	0	2	2	2	3	6	5	5	6			
		3	1017.1	-	4.5	0.5	7.9	91	6.2	2	3	4	5	17	0	0	0	0	0	8	12	10	1	0	0	6	25	1	1	2	1	4	5	5	7	6			
		9	1017.2	-	4.6	0.7	7.8	89	5.9	1	5	3	11	11	0	0	0	0	2	5	14	9	1	0	1	4	25	1	3	3	0	1	7	5	5	6			
		15	1017.4	-	6.6	1.0	8.4	85	5.8	0	5	5	9	12	0	0	0	0	1	0	11	6	12	1	0	1	13	15	2	1	2	0	3	5	4	5	9		
21	1018.0	-	4.8	0.5	8.0	91	6.0	4	0	6	5	16	0																										



TABLE VIII—NUMBER OF DAYS IN JANUARY, 1967  
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 .. ..	0	15	16	0	0	0	0	0	0	0	0	7	21	3	0	0	Edgbaston .. ..	1	10	16	4	0	0	0	0	0	0	0	7	14	10	0	0
Stornoway .. ..	0	7	24	0	0	0	0	0	0	0	0	6	13	12	0	0	Kew .. ..	1	10	12	8	0	0	0	0	0	0	8	12	11	0	0	
Craibstone .. ..	0	12	18	1	0	0	0	0	0	0	0	12	18	1	0	0	Hastings .. ..	1	10	19	1	0	0	0	0	0	0	8	13	10	0	0	
Rothsay .. ..	0	9	22	0	0	0	0	0	0	0	0	7	16	8	0	0	Southampton .. ..	0	7	13	11	0	0	0	0	0	0	0	11	10	10	0	0
Abbotsinch .. ..	0	10	18	3	0	0	0	0	0	0	3	5	14	9	0	0	Stonyhurst .. ..	0	9	20	2	0	0	0	0	0	4	5	20	2	0	0	
Eskdalemuir .. ..	0	15	16	0	0	0	0	0	0	0	1	11	14	5	0	0	Bidston .. ..	0	10	18	3	0	0	0	0	0	0	3	19	9	0	0	
Douglas .. ..	0	6	24	1	0	0	0	0	0	0	0	4	18	9	0	0	Valley .. ..	0	3	25	3	0	0	0	0	0	0	3	11	17	0	0	
Cockle Park .. ..	0	12	19	0	0	0	0	0	0	0	1	14	16	0	0	0	Falmouth .. ..	0	3	15	13	0	0	0	0	0	0	5	10	16	0	0	
Gorleston .. ..	0	14	14	3	0	0	0	0	0	0	0	9	16	6	0	0	Aldergrove .. ..	0	7	21	3	0	0	0	0	0	1	5	14	11	0	0	
Cambridge .. ..	0	12	11	8	0	0	0	0	0	0	1	13	11	6	0	0	Armagh .. ..	0	6	20	5	0	0	0	0	0	0	7	17	7	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JANUARY, 1967

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 .. ..	64	26	1	21	21.1	31	37	13	1	21	14.1	31	73	26	1	21	23.7	31
Eskdalemuir .. ..	109	9	6	27	43.7	31	53	22	6	27	28.1	31	110	9	8	27	48.1	31
Cambridge .. ..	130	22	16	16	74.3	31	79	26	16	16	47.3	31	-	-	-	-	-	-
London W/Centre ..	130	22	12	15	65.9	31	75	26	12	15	48.7	31	129	23	13	15	66.4	31
Kew .. ..	130	22	14	15	68.8	31	83	30	14	15	46.4	31	139	21	16	15	73.9	31
Bracknell .. ..	139	22	17	15	73.8	31	90	30	17	15	50.2	31	152	22	19	15	80.8	31
Aberporth .. ..	122	13	18	14	62.8	31	81	28	18	14	47.3	31	-	-	-	-	-	-

### TABLE III—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 84 Number 2

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### February 1967 — *Dry at first; unsettled and stormy after mid-month*

The first half of the month was mainly anticyclonic, pressure being high to the south of the British Isles on the 1st-6th, to the west on the 7th-10th and to the east on the 11th-15th. Weather during the second half of the month was mainly cyclonic in character.

The month began with two mild, rather wet days as troughs from the Atlantic crossed the country in a westerly airstream. Gales in many northern districts on the 3rd were associated with a small but deepening depression moving eastwards near the Shetlands. Pressure rose rapidly behind the depression and during the next two days an anticyclone from the Azores became quasi-stationary off south-west England and weather became generally sunny and dry though somewhat cooler in the north-westerly airstream. Overnight fog, locally thick, persisted in parts of south-east England throughout the 6th, but a trough of low pressure moving southwards over the country brought cloudier weather with occasional slight rain to the north and Midlands. Behind the trough an anticyclone became established over western districts until the 10th, maintaining generally dry weather apart from some slight rain in Scotland.

The anticyclone moved to southern Scandinavia on the 11th, and from then until the 14th a south-easterly airstream originating in central Russia brought colder weather to all districts. Fog and air frost were fairly widespread around dawn each morning, but the fog soon cleared giving generally sunny days; there were, however, snow showers on the 14th which persisted throughout the night in northern districts.

The weather pattern changed on the 15th as the Scandinavian anticyclone moved away eastwards allowing troughs and depressions to bring rain to south-west England; this rain was more or less continuous throughout the 17th being maintained by a small depression which formed off Cornwall and then moved south-eastwards into France. There were also snow showers in parts of the Midlands and southern England; snow lay locally 6 cm deep on Salisbury Plain.

During the remainder of the month a succession of depressions from the Atlantic brought generally mild, unsettled and often stormy weather to the British Isles accompanied by heavy rain at times and occasional thunder. Widespread gales and thundery showers on the 19th were associated with a deep but slow-moving depression off the west of Scotland. The latter part of the 22nd and the 23rd were particularly stormy with heavy rain at times; many places had more than 25 mm of rain during this period as a deepening depression moved eastward across northern England. On the 23rd sunny periods in parts of the Midlands and north-west England were broken by squally snow showers.

On the 24th and 25th a large and deepening depression slowly approached north-west Scotland and weather became cloudy but somewhat milder; scattered showers on the 25th were associated with a trough of low pressure moving slowly eastwards across the country. The depression moved northwards towards Iceland the next day but was quickly replaced by another which brought widespread rain and gales on the 27th as it approached northern Scotland; about 70 mm of rain were recorded in parts of the Lake District that day and wind reached 73 kt in gusts at places as far apart as the Lizard and Benbecula. Behind the depression weather on the last day of the month was cooler with thundery showers, which were of snow in Scotland, and good sunny periods.

**Pressure and Wind** — Mean pressure was below the 1931-60 average everywhere, the deficit at 09 hr ranging from -6.2 mb at Benbecula and Stornoway to -0.3 mb at Thorney Island. Surface winds were mainly south-westerly during the first week and the last ten days. After a few days of northerly winds beginning on the 7th, a period of south-easterlies was preceded on the 11th and followed on the 17th by light variable winds. Gusts of 79 kt and 77 kt were recorded at Scilly and Portland Bill respectively on the 19th.

**Temperature** — Temperature was slightly below the average in northern and western Scotland but above average in all parts of England and Wales being as much as 1.8°C above normal in east and south-east

England. Day temperatures were mainly above average during the first week and last 10 days of the month. The coldest days were around mid-month.

Extremes included: (England and Wales) 15.2°C at Yeovilton on the 20th, -6.7°C at Lacock on the 5th; (Scotland) 13.3°C at Mertoun on the 2nd, -7.8°C at Balmoral on the 13th; (Northern Ireland) 13.3°C at Tollymore Park and Reagh Island on the 1st, -6.1 at Lisnafillan on the 18th.

**Rainfall** — In Scotland rainfall was mostly above the average, only the north-east, a small part of Fife and Angus and a narrow strip near the west coast recording a deficit. While parts of Moray and Banff had less than half, some places in the upper Tweed Catchment had twice their average. In England and Wales rainfall was generally above the average except in the extreme east of Kent, at the mouth of the Thames Estuary, over the eastern part of East Anglia, around the Wash and also over much of North Wales, parts of Lancashire, the West Riding of Yorkshire and Derbyshire. It was more than twice the average in parts of Montgomery and Gloucestershire and on the borders of Westmorland and Cumberland.

Snow and sleet showers were observed in Scotland on 13 days mainly during the second half of the month. In England and Wales snow was observed on the 1st, 13th-23rd, 25th, 27th and 28th (15 days) and ground was snow-covered 3-6 cm deep in parts of South-east England on the 17th and 18th.

Thunder was heard in Scotland on 7 days, thunderstorms being widespread on the 27th and 28th in Scotland, on the 19th in eastern and southern England, and on the 28th in South-east England.

**Sunshine** — Sunshine was around and above average in north-east, south-east and parts of Central Scotland, but there were deficits of up to 20 hours over parts of Perthshire and Argyll. In England and Wales it was everywhere above the average being about 25 per cent above in the Midlands and south-east England. Percentages ranged from 162 at London Weather Centre to 91 at Newport, Salop.

**Fog** — Fog at 09h was reported at one place or another in Scotland on 9 days, and in England and Wales on the 1st-13th, 15th-18th, 22nd and 27th (19 days); it persisted in parts of south-east England throughout the 6th and in parts of Lancashire and Cheshire for most of the 8th.

**Miscellaneous Phenomena** — The aurora was observed in Scotland on six nights and it was seen as far south as Leeming on the night of the 8th/9th.

TABLE I—DISTRICT VALUES, FEBRUARY, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	11.1	-1.7	+1.3	+1.9	+1.6	-	-	0	125	86
1 SCOTLAND, E.	12.2	-2.2	+1.2	+1.9	+1.5	-	-	+1	120	107
2 ENGLAND, N.E.	13.3	-3.7	+1.5	+1.7	+1.6	+1.1	+0.3	-2	121	117
3 ENGLAND, E.	13.3	-2.8	+1.8	+1.8	+1.8	+1.5	+0.6	-1	102	120
4 MIDLANDS	13.3	-4.4	+2.0	+1.3	+1.6	+1.3	+0.8	-1	140	124
5 ENGLAND, S.E.	13.3	-5.0	+1.9	+1.6	+1.8	+1.2	+0.9	0	136	124
6 SCOTLAND, W.	12.1	-6.2	+1.0	+1.6	+1.3	+1.4	+0.5	+1	131	94
7 ENGLAND, N.W. and N. Wales	14.4	-4.5	+1.4	+1.6	+1.5	+1.5	+0.9	+1	128	115
8 ENGLAND, S.W. and S. Wales	13.9	-3.3	+1.3	+1.0	+1.2	+1.3	+0.8	0	173	114
N. IRELAND	12.8	-2.9	+1.0	+0.9	+0.9	-	-	0	113	113
SCOTLAND	-	-	+1.2	+1.8	+1.5	-	-	+1	135	96
ENG. and WALES	-	-	+1.7	+1.5	+1.6	-	-	-3	133	119

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— FEBRUARY 1967

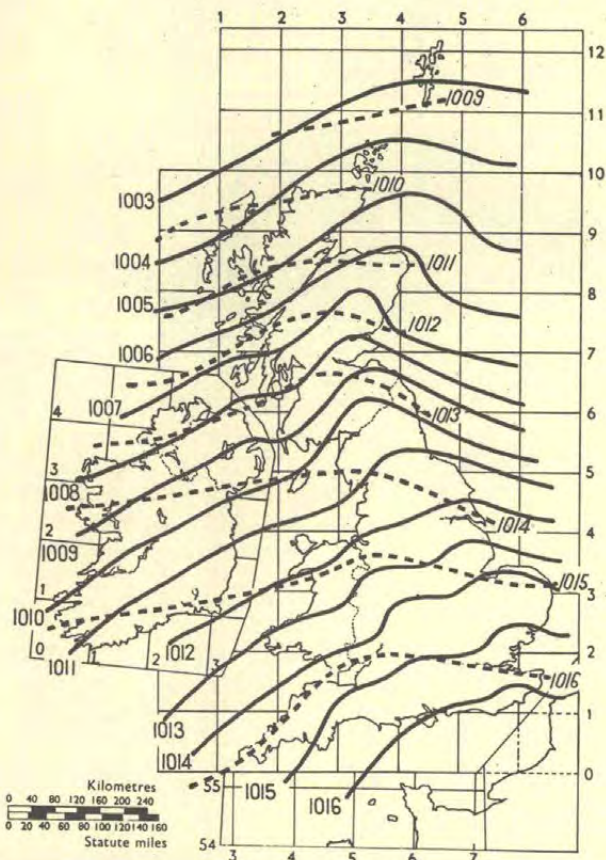
DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
		Above Mean Sea Level	Above ground	Effective Height	34 knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			HIGHEST HOURLY WIND			HIGHEST GUST			
					Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours	No. of days	Duration in Hours	No. of days	Duration in Hours	No. of days	Duration in Hours		Veers from N	Speed in knots	Hour ended at day hour	Veers from N	Speed in knots	Day and Time	
0	Zetland	Lerwick	93	10	10	3, 5, 27, 28	30	19	223	325	88	6	0	19.2	160	45	27	15	270	70	28	2045
	Orkney	Kirkwall	41	15	10	3, 5, 6, 16, 21, 22, 27, 28	58	21	186	311	107	10	0	19.4	260	52	3	13	270	81	3	1250
	Caithness	Dounreay	34	12	9	3, 4, 15, 16, 19, 21, 23, 27, 28	53	23	271	312	36	0	0	21.6	280	47	28	17	280	67	28	1645
		Wick	45	10	10	3	3	9	56	350	239	24	0	12.7	250	36	3	07	260	58	3	1340
	Sutherland	Shin	24	10	10																	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	3, 5, 11, 15, 16, 21, 27, 28	44	22	222	320	76	10	0	20.2	220	46	3	06	230	63	3	0525
		Duirinish	38	20	17	3, 21, 27, 28	18	16	147	281	173	46	7	15.0	220	43	27	17	220	67	27	1700
	Inverness	Benbecula	16	10	10	3, 18, 21, 24, 27, 28	42	23	209	346	73	2	0	19.5	280	45	28	14	280	73	28	1335
		Fort Augustus (N.S.H.E.A.)	58	16	16	-	0	1	6	218	264	184	0	8.0	220	28	27	19	220	61	27	1455
		Cairngorm	1074	9	9	1-6, 14, 15, 18-22, 24-28	193	21	209	189	50	0	31	26.8	190	56	27	09	250	93	27	1745
1	Moray	Kinloss	17	13	13	3, 21, 23, 27	9	16	147	309	198	9	0	15.1	240	42	21	16	230	61	27	1830
		Lossiemouth	31	24	18	27	4	15	92	327	218	31	0	13.6	170	36	27	13	210	65	27	1750
	Aberdeen	Dyce	71	9	9	27	3	12	71	384	170	44	0	13.6	180	38	27	13	180	60	27	1225
	Angus	Bell Rock	39	40	38																	
	Perth	Rannoch	307	17	17	21, 27, 28	14	15	138	245	201	74	0	14.1	240	42	27	18	250	72	27	1820
		Tummel Bridge	161	16	16	-	0	3	3	163	259	241	6	6.9	280	24	21	17	250	50	27	1625
	Fife	Leuchars	24	12	12	27	1	13	132	313	202	24	0	14.3	190	34	27	12	240	56	27	1850
	West Lothian	Forth Road Bridge	72	-	72	2, 3, 5, 6, 21, 23, 27, 28	35	17	189	217	190	24	17	17.1	220	41	27	19	240	72	21	1435
	Midlothian	Turnhouse	42	12	10	27	3	12	105	265	256	43	0	13.1	200	40	27	13	190	72	27	1200
		Edinburgh, Blackford Hill	151	15	10	20, 27	12	15	138	305	157	37	23	15.2	160	51	27	13	160	80	27	1245
6a	Argyll	Tiree	27	18	14	3, 14-16, 18, 20, 21, 24, 25	100	24	273	251	44	4	0	22.6	110	45	18	20	220	71	27	1540
	Dunbarton	Cumbernauld	166	10	10	20, 27	4	14	121	290	233	21	3	14.3	220	34	27	19	220	64	28	1135
	Renfrew	Paisley	57	25	9																	
		Abbotsinch	16	10	10	27	4	12	83	342	219	24	0	13.7	250	37	27	18	270	68	27	1805
	Lanark	Lowther Hill	736	13	10																	
	Ayr	Hunterston	13	9	9	27, 28	4	12	91	340	152	85	0	13.2	220	38	27	18	190	64	27	1505
		Prestwick	21	10	10	27	1	11	76	333	209	53	0	13.0	200	34	27	12	260	60	21	0140
	Dumfries	Chapelcross	94	15	15	-	0	4	11	361	198	41	61	11.1	210	33	27	14	280	63	28	1305
		Eskdalemuir	251	15	11	27	4	9	34	293	187	154	0	10.1	190	35	27	12	200	62	27	1320
	Wigtown	West Freugh	25	10	10	27	4	13	82	365	181	22	18	13.8	210	40	27	11	210	63	27	1030
6b	Isle of Man	Ronaldsway	25	10	10	15, 23, 27	10	15	179	309	137	37	0	16.2	180	45	27	11	190	64	27	1045
		Point of Ayre	20	10	10	15, 18, 20, 23, 27, 28	19	18	218	339	78	13	5	18.8	180	49	27	11	190	73	27	1050
2	Durham	Durham	119	16	10	-	0	8	70	235	252	115	0	11.0	300	32	3	13	310	63	28	1340
		South Shields	22	17	13	23	2	10	75	273	276	46	0	12.1	330	37	23	05	290	55	23	0510
	Yorks, N.R.	Leeming	42	10	10	3	2	8	75	257	260	78	0	11.4	280	35	3	10	270	54	3	0935
		Silpho Moor	207	15	9	3																
	Lincoln	Cranwell	76	12	12	23, 27	4	10	57	283	256	38	34	12.2	210	35	27	17	300	57	28	1310
		Binbrook	118	10	10	23, 27, 28	10	10	86	348	207	21	0	14.2	280	41	23	07	270	65	23	0550
		Manby	26	10	10	23	1	6	43	351	239	38	0	12.1	280	34	23	07	280	50	23	0605
3	Norfolk	Gorleston	16	13	13	-																
	Suffolk	Mildenhall	30	25	18	-	0	5	40	226	311	95	0	10.0	270	33	28	12	260	60	23	0540
	Bedford	Bedford	98	13	9	-	0	9	66	308	277	21	0	12.4	270	33	23	06	230	55	23	0420
		Cardington	69	41	41	20, 21, 23, 27, 28	21	13	126	324	174	27	0	15.4	270	41	28	13	250	59	23	0425
	Hertford	Garston	94	15	10	-	0	4	11	136	421	104	0	7.7	280	26	23	12	250	47	23	0445
		Rothamsted	141	13	10	-	0	2	5	151	405	111	0	7.8	240	24	23	05	270	54	28	0620
	Essex	Stansted	107	9	9	-	0	8	49	321	253	49	0	11.3	240	30	23	06	270	53	28	0635
		Coryton	20	17	15	-	0	4	15	176	384	97	0	8.6	-	26	23	06	250	57	28	1505
		Shoeburyness	36	32	28	18, 19, 23, 27	21	16	163	348	114	24	2	17.1	200	43	27	20	240	66	23	0520
4	Yorks, W.R.	Sheffield	162	25	11	-																
	Warwick	Edgbaston	196	36	22	-	0	4	18	238	408	8	0	10.1	190	28	27	16	260	53	28	1105
		Elmdon	105	9	9	-	0	8	47	277	311	37	0	11.1	260	30	28	11	260	57	28	1010
	Buckingham	Amersham	152	15	15	-	0	5	32	218	346	8	68	10.4	-	30	23	02	-	58	27	1500
	Stafford	Keele	215	15	10	-	0	4	13	224	302	133	0	8.5	200	26	27	14	210	58	29	0205
	Worcester	Pershore	47	10	10	27, 28	2	11	82	297	184	107	0	12.0	220	35	27	15	280	57	28	1000
	Gloucester	Avonmouth	28	19	10	20, 27, 28	9	13	90	258	190	125	0	12.3	210	38	27	16	250	57	19	2020
5	Greater London	W/ Centre	93	70	38	-	0	7	37	355	256	24	0	11.8	230	26	23	05	280	49	28	1450
		Heathrow	35	10	10	-	0	7	50	290	281	51	0	11.0	200	30	27	17				



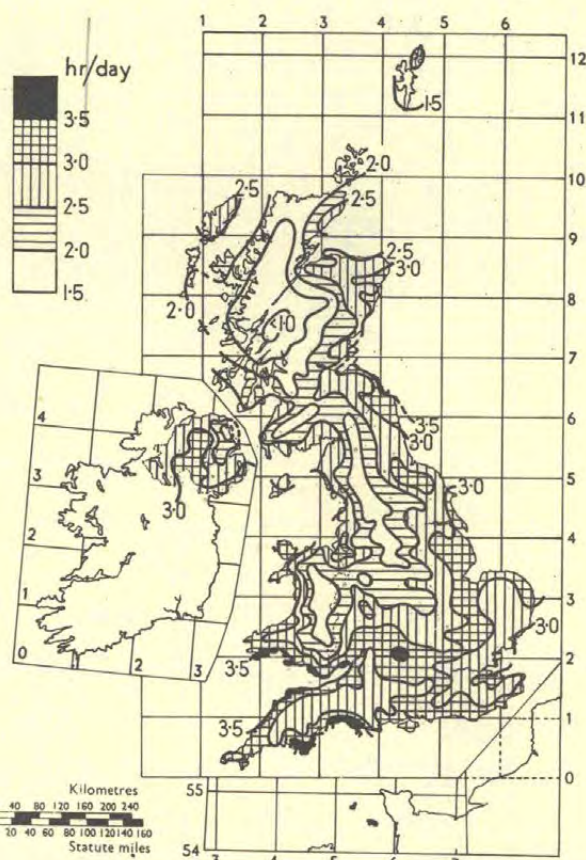
# MONTHLY WEATHER CHARTS FEBRUARY 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

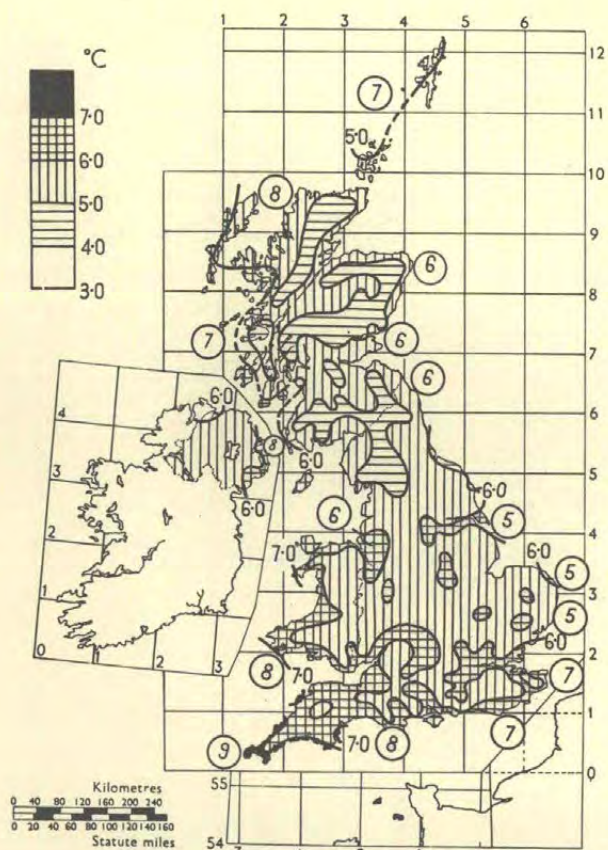


## BRIGHT SUNSHINE



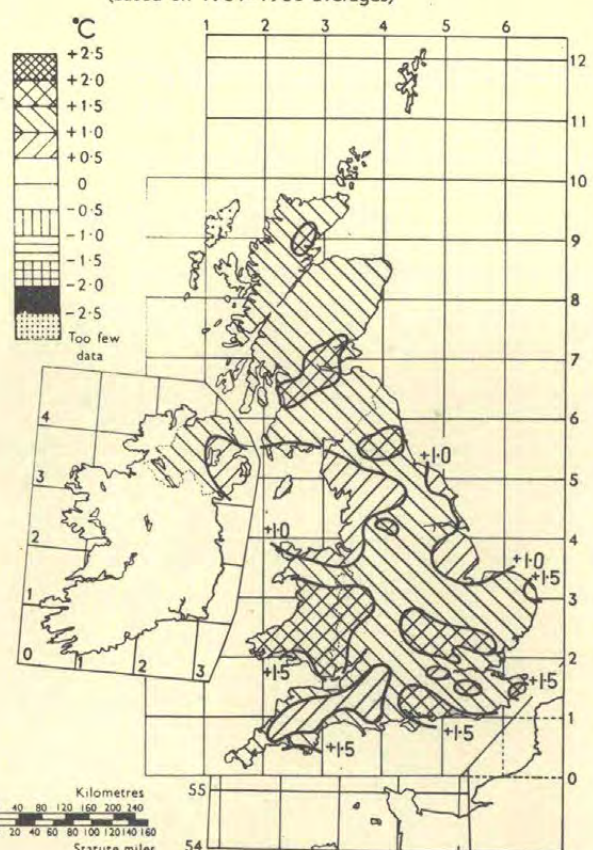
## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE

(based on 1931-1960 averages)





# RAINFALL

## FEBRUARY 1967

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

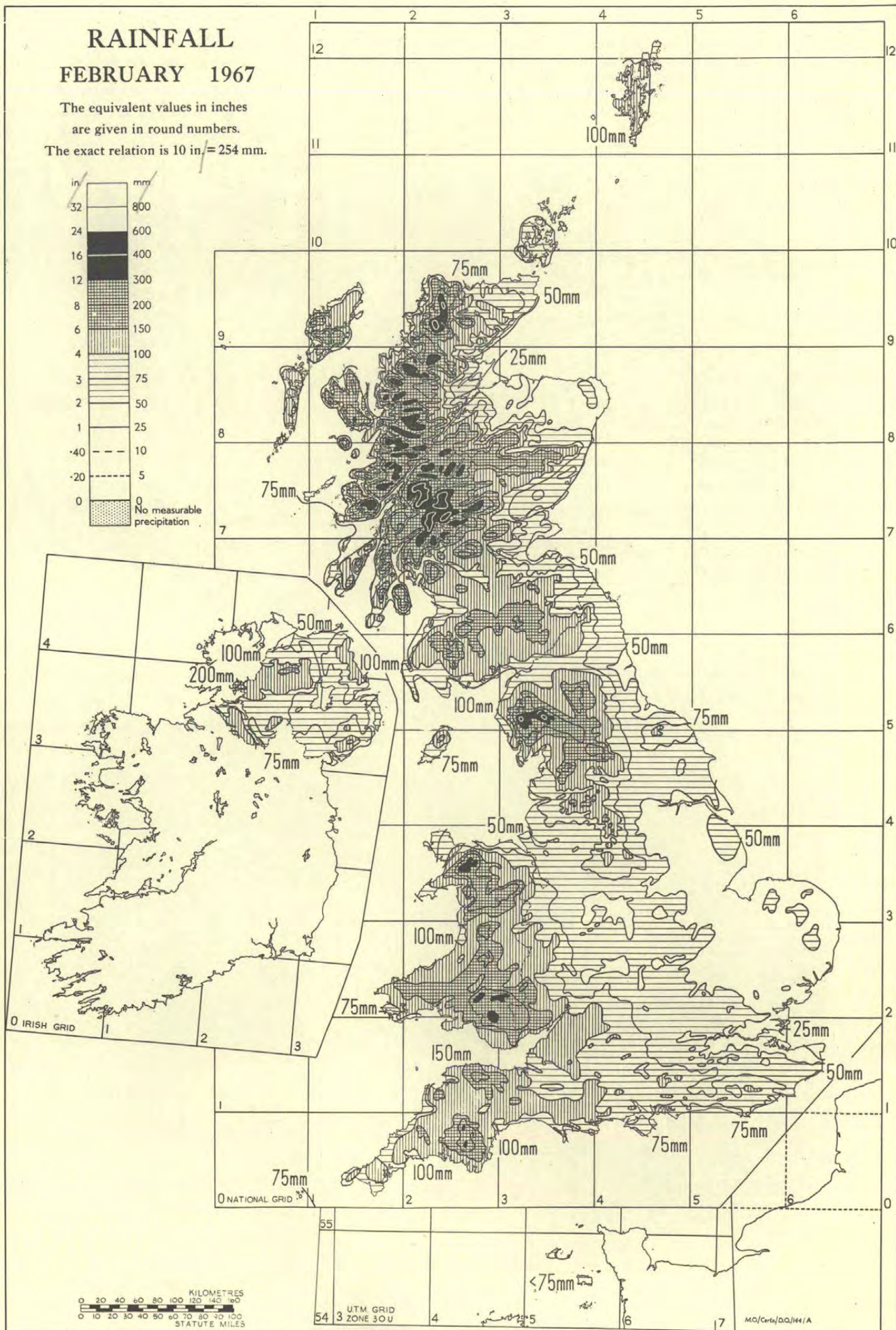
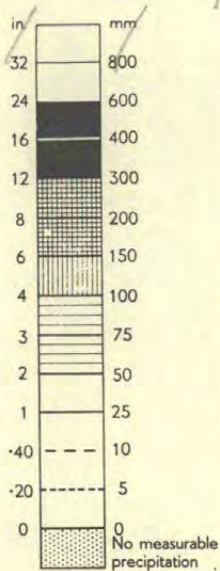




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS FEBRUARY

1967

DISTRICT, COUNTY AND PLACE			Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE									
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910—50 average	Most in a day (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure					
					A Max.	B Min.			Maximum	Date	Minimum	Date																									
					30 cm.	122 cm.																															
0 SCOTLAND, N.																																					
Zetland			Hamnavoe ...	9 9	21	6.7	4.0	5.3	-	8.3	2, 4, 5	1.1	24	-	-	142	-	24	27	23	20	4	0	5	0	0	0	0	-	11	1.31	-	-	-			
			Lerwick ...	9 9	82	6.0	3.4	4.7	+1.8	8.2	4, 5	0.0	24	-	-	125	121	21	27	21	18	6	0	1	3	1	1	0	1	9	1.30	72	-	-	-		
			Baltsound ...	9 9	24	6.7	2.9	4.8	-	9.4	5	0.6	18, 23	4.6	-	94	95	16	27	21	19	3	0	0	0	0	0	0	-	7	1.72	-	-	-	-		
Orkney			Sule Skerry ...	21-9	13	7.3	5.0	6.1	-	9.1	5	2.2	28	-	-	20	-	22	21	22	15	0	0	1	1	0	0	0	0	11	-	-	-	-	-		
			Stenness ...	9 9	23	7.1	2.9	5.0	-	10.0	2	0.0	13, 14	4.7	5.5	90	115	17	20	21	15	1	0	1	0	1	0	0	11	7	1.72	-	-	-	-		
			Evie ...	9 9	34	7.1	3.1	5.1	-	10.0	2	0.6	13	-	-	126	-	32	21	21	18	-	-	-	-	0	0	11	-	1.51	-	-	-	-			
			Kirkwall ...	21-9	26	6.8	3.2	5.0	+1.2	9.6	5	0.3	23	-	-	93	116	13	1	21	18	8	0	5	0	1	1	0	10	9	1.75	80	-	-	-	-	
Caithness			Dounreay ...	9 9	21	8.4	2.2	5.3	-	11.1	2, 7	-1.7	15	-	-	71	-	11	28	19	16	1	0	0	0	0	0	2	11	9	-	-	-	-	-		
			Wick ...	9 9	36	7.0	3.0	5.0	+1.5	10.2	2, 5	-0.9	23	-	-	57	112	7	28	22	17	3	0	0	1	0	0	2	10	1	2.46	98	-	-	-	-	
Sutherland			Cape Wrath ...	21-9	112	6.7	3.2	4.9	+0.6	9.5	25	0.4	18	-	-	93	112	19	27	20	13	1	0	1	0	0	0	0	5	8	1.69	-	-	-	-	-	
			Achfary ...	9 9	46																																
			Achany ...	9 9	85	7.3	1.1	4.2	-	10.6	26	-6.1	13, 14	3.6	4.7	125	145	27	20	21	17	7	1	5	0	3	0	8	20	2	1.44	-	-	-	-		
			Strathy ...	9 9	37	7.4	1.9	4.7	+1.8	10.6	2, 5	-2.2	13	-	-	73	90	15	21	21	15	3	0	1	1	1	0	4	-	1	1.84	92	S	-	-		
Ross & Cromarty			Stornoway ...	21-9	3	7.9	3.6	5.7	+1.3	11.0	2	-1.5	23	-	-	107	157	20	27	18	15	1	0	3	0	1	0	3	9	4	2.48	114	-	-	-	-	
			Balmacara ...	9 9	4	8.3	3.7	6.0	-	10.6	1, 2, 27	-0.6	13	-	-	114	-	29	27	20	14	4	0	2	0	1	0	1	-	1	-	-	-	-	-	-	
			Poolewe ...	9 9	6	8.5	3.9	6.1	-	11.1	25	0.0	23	-	-	136	116	21	20	19	15	-	-	-	-	0	0	8	-	2	1.13	-	-	-	-	-	
			Rudh Re ...	21-9	16	7.8	3.8	5.8	-	11.0	25	0.7	14	-	-	-	-	-	-	-	3	0	1	0	2	0	0	1	10	-	-	-	-	-	-	-	
			Inverpoll ...	9 9	14	8.2	3.3	5.7	-	10.0	1, 25, 27	-1.7	13, 23, 24	5.3	-	109	-	26	20	17	15	2	0	0	2	3	-	4	9	3	1.64	-	-	-	-	S	
			Achnashellach ...	9 9	67	7.6	2.0	4.8	+1.7	10.6	2	-2.8	13, 14	-	-	261	151	38	27	23	20	7	0	1	1	2	0	5	-	3	-	-	-	-	-	-	
			Kinlochewe ...	9 9	23	7.7	2.6	5.1	+1.4	11.1	1, 2	-2.8	13, 14	4.8	-	247	152	51	2	22	18	5	0	4	0	5	0	2	13	6	1.13	-	-	-	-	S	
			Fortrose ...	9 9	5	7.6	3.8	5.7	+1.6	10.6	1, 5	0.0	13	-	-	54	126	15	27	13	9	1	0	0	0	0	1	-	1	2	1.13	86	-	-	-	-	
Inverness			Tarbatness ...	21-9	18	7.3	2.8	5.1	+1.4	11.0	5	-0.5	13	-	-	31	91	10	27	15	8	0	0	0	0	0	0	1	-	3	-	-	-	-	-	-	
			Benbecula ...	21-9	6	8.0	4.0	6.0	+1.1	10.4	2	0.5	18	-	-	125	164	26	27	22	18	2	0	3	5	2	0	0	8	8	2.11	-	-	-	-	-	
			Isle of Rhum ...	9 9	5	8.0	3.7	5.9	-	11.1	2, 27	-1.1	14	5.6	6.8	193	101	27	18	22	18	0	0	6	5	3	0	2	12	11	-	-	-	-	-	-	
			Prabost ...	9 9	67	7.3	2.7	5.0	-	10.0	25	-1.1	14	-	-	180	125	26	27	23	20	3	0	1	8	2	0	2	14	10	2.05	-	-	-	-	-	
			Duntulm ...	9 9	90	7.2	3.1	5.1	+0.7	9	1, 25	0.0	14	-	-	123	123	19	27	22	18	2	0	5	0	2	0	0	7	7	2.13	98	-	-	-	-	
			Onich ...	9 9	15	8.3	2.9	5.6	+1.7	11.1	2	-1.7	8, 13	-	-	189	107	28	27	22	20	-	-	-	-	3	5	11	-	1	1.24	61	S	-	-		
			Fort William ...	9 9	8	8.2	3.1	5.7	-	11.7	2	-3.3	13	4.6	5.3	182	-	44	2	22	20	3	0	0	5	1	0	5	7	8	1.26	-	-	-	-	S	
			Fort Augustus ...	9 9	21	7.7	2.6	5.1	+1.9	10.6	1, 2	-3.3	13	-	-	150	-	34	27	23	18	2	0	0	0	1	1	6	-	2	1.31	-	-	-	-	S	
			Cannich ...	9 9	107	7.1	0.6	3.9	-	11.1	2, 5, 27	-7.2	13, 14	-	-	123	122	34	27	21	16	3	1	0	3	0	0	11	22	0	-	-	-	-	-	-	
			Inverness ...	9 9	4	8.4	2.8	5.6	-	11.7	2, 5	-3.9	14	-	-	47	107	15	27	14	11	1	0	0	0	0	0	3	15	0	2.74	-	-	-	-	-	
			Coire Cas Shieling ...	9 9	762	2.0	-1.4	0.3	-	7.8	2	-5.0	23	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
			Cairngorm ...	9 9	1090																																
			Achnagoichan ...	9 9	305	5.8	0.1	2.9	-	10.6	2	-7.2	27	3.1	-	101	-	34	27	20	17	8	-	0	0	0	0	-	22	0	-	-	-	-	-	-	
			Glenmore Lodge ...	9 9	341	5.8	0.4	3.1	+2.0	11.1	2	-5.5	14	-	-	93	122	27	27	19	16	-	4	-	-	-	1	12	21	-	2.09	-	-	-	-	S	
1 SCOTLAND, E.																																					
Nairn			Nairn ...	9 9	6	7.8	2.4	5.1	+1.5	11.1	1, 5, 27	-3.3	13	-	-	42	111	11	20	15	11	2	0	0	1	0	0	3	13	4	2.44	95	-	-	-	-	
			Grantown-on-Spey ...	9 9	221	6.5	0.6	3.5	-	10.6	1, 2	-6.1	13	-	-	30	-	8	27	16	10	10	1	0	1	0	0	10	-	0	-	-	-	-	-	-	
Moray			Forres ...	9 9	47	7.5	2.3	4.9	+1.6	11.1	1, 2	-2.2	13	3.7	4.6	25	69	4	27	14	10	3	1	0	0	0	0	4	11	0	2.33	88	-	-	-	-	
			Kinloss ...	21-9	5	8.1	2.5	5.3	+1.8	12.1	2	-3.8	13, 14	4.2	-	29	85	5	28	15	10	4	0	2	1	0	4	14	6	2.50	-	-	-	-	-	-	
			Elgin ...	9 9	15	7.8	2.4	5.1	-	12.2	2	-2.8	13	-	-	26	70	8	28	13	9	1	1	0	0	0	0	5	17	0	2.88	-	-	-	-	-	S
			Lossiemouth ...	9 9	6	7.9	1.4	4.7	+1.5	11.7	2	-5.0	13	-	-	31	86	9	28	12	8	2	0	0	0	0	0	7	12	4	-	-	-	-	-	-	
			Gordon Castle ...	9 9	32	8.0	2.7	5.3	+1.8	11.7	1, 2	-1.1	13	-	-	23	49	6	5	14	6	0	0	1	0	0	-	1	-	0	2.61	105	-	-	-	-	-
Banff			Glenlivet ...	9 9	215	6.4	1.7	4.1	-	11.6																											



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure			
									Maximum	Date	Minimum	Date																						
																																A Max.	B Min.	
1 SCOTLAND, E.—cont.																																		
Midlothian	Davidson's Mains	99	61	7.6	2.3	4.9	+1.5	12.2	2	-2.8	13	3.7	-	72	153	17	22	17	10	3	2	0	2	0	0	5	16	2	2.95	-	S			
—cont.	Penicuik ...	99	189	6.7	1.3	4.0	+1.5	11.1	2	-4.4	13, 14	3.6	-	101	155	29	22	18	16	4	3	3	0	1	0	10	21	2	2.47	-	-			
	Bush House	99	184	7.0	1.4	4.2	-	11.7	2	-3.9	13	3.4	4.3	108	180	30	22	19	15	3	3	0	0	0	0	7	18	3	2.99	-	-			
	Edinburgh—																																	
	„ Blackford Hills	99	134	7.3	2.6	4.9	+1.4	11.7	2	-1.1	13	-	-	75	174	28	22	17	11	4	2	0	0	0	0	2	18	4	3.04	113	-	-		
	„ Royal Bot. Gdns.	99	23	8.2	2.4	5.3	+1.5	12.2	2	-3.9	13	4.2	-	76	177	18	22	17	11	3	1	2	1	0	0	5	21	2	2.82	122	-	-		
E. Lothian	Haddington ...	99	49	7.8	2.4	5.1	-	12.2	2	-3.9	13	-	-	54	138	22	22	14	13	4	2	0	0	0	0	6	12	2	3.17	-	S			
	Dunbar ...	99	23	7.9	3.1	5.5	+1.5	12.2	2	-1.7	13	-	-	50	143	20	22	14	8	3	0	0	0	0	0	2	9	0	3.77	134	-	-		
Berwick	Mertoun ...	99	69	7.7	1.7	4.7	-	13.3	2	-5.6	13	-	-	59	-	15	27	16	13	4	-	0	0	1	-	7	16	0	3.08	-	-	-		
	Lauder ...	99	183	6.6	0.6	3.6	-	11.7	2	-6.1	13	-	-	138	-	38	22	18	16	7	2	0	0	0	1	11	15	1	2.67	-	-	-		
	Marchmont ...	99	152	6.8	1.6	4.2	+1.4	11.7	2	-3.9	13	-	-	81	147	30	22	17	15	3	3	0	0	0	0	4	-	1	2.35	109	S	-		
	Whitchester ...	99	255	6.1	1.2	3.7	-	11.7	2	-3.3	13	-	-	80	133	30	22	18	14	5	3	0	0	1	-	11	-	1	-	-	-	-		
	St. Abb's Head ...	99	75	7.1	3.3	5.2	-	12.6	2	-1.2	13	-	-	-	-	-	-	-	-	2	1	0	0	0	0	2	4	9	-	-	-	-		
Peebles	Stanhope Farm ...	99	226	6.6	1.1	3.9	-	11.7	2	-7.2	13	-	-	126	152	34	27	18	18	6	2	0	0	0	0	10	16	1	-	-	-	-		
	Blyth Bridge ...	99	253	6.1	1.2	3.7	-	10.6	2	-3.9	13	-	-	123	189	28	28	19	18	7	2	1	3	1	0	10	16	3	2.30	-	-	-		
	West Linton ...	99	244	6.1	0.8	3.5	-	10.6	2	-5.6	13	2.9	4.2	99	143	22	28	18	13	6	2	0	0	0	0	11	18	0	-	-	-	-		
	Glentworth ...	99	177	6.9	1.4	4.1	-	12.2	2	-4.4	8	-	-	121	216	20	22	18	16	3	3	1	0	0	0	7	-	2	-	-	-	-		
Selkirk	Bowhill ...	99	183	6.7	1.1	3.9	-	12.2	2	-6.1	13, 14	-	-	136	216	39	27	17	15	7	3	0	1	2	1	11	-	3	-	-	-	-		
Roxburgh	Wauchope ...	99	171	6.4	0.7	3.5	-	11.1	2	-5.6	13	-	-	135	221	34	27	17	15	5	2	0	0	0	0	11	-	0	-	-	-	-		
	Kelso ...	99	35	8.0	1.8	4.9	-	12.8	1, 2	-5.6	13	-	-	68	-	31	22	15	11	2	2	0	1	1	1	8	14	1	2.69	-	-	-	-	
	Sourhope ...	99	274	6.3	0.9	3.6	+1.5	10.6	2	-2.8	8, 24	-	-	77	-	(38)	22	18	11	4	2	0	0	0	0	9	20	1	3.19	-	-	-	-	
6a SCOTLAND, W.																																		
Argyll	Tiree ...	21-9	9	7.9	4.4	6.1	+0.9	10.6	2	1.1	23	-	-	88	111	19	18	20	16	1	0	2	9	3	0	0	10	10	2.03	77	-	-	-	
	Rhuvaal ...	21-9	20	7.9	4.3	6.1	-	11.2	2	0.5	18	-	-	125	116	20	27	18	16	2	0	6	0	2	0	0	3	8	-	-	-	-	-	
	Colonsay ...	99	27	7.9	3.6	5.7	+1.1	10.0	1, 2, 27	-1.1	7	-	-	93	92	14	26	20	17	4	-	7	0	1	2	1	6	-	-	-	-	-	-	
	Craighouse ...	99	3	8.3	4.1	6.2	-	11.7	27	0.6	18	-	-	143	-	24	26	18	17	-	0	-	-	-	0	0	7	-	-	-	-	-	-	
	Machrihanish ...	21-9	10	8.2	3.7	5.9	-	12.2	27	-0.7	7	-	-	95	-	12	18	20	18	2	0	0	3	2	0	1	5	5	2.45	-	-	-	-	
	Campbeltown ...	99	3	8.5	4.1	6.3	-	10.0	8, 12, 21	1.1	7, 8	-	-	97	-	20	18	19	16	1	0	0	0	0	4	0	-	0	2.33	-	-	-	-	
	Polloch ...	99	10	7.9	2.8	5.3	-	11.7	27	-2.2	7, 14	-	-	187	-	24	19	21	20	6	-	0	0	1	-	6	11	0	-	-	-	-	-	
	Achaglachgach ...	99	12	7.9	2.1	5.0	-	10.6	2	-2.8	7	-	-	-	-	-	-	-	-	2	-	2	0	0	0	8	16	0	-	-	-	-	-	
	Lepinmore ...	99	9	7.4	3.1	5.3	+1.0	10.6	1, 2, 27	-1.7	7	-	-	179	128	23	27	20	17	0	0	3	0	2	1	3	12	0	1.49	-	S	-	-	
	Glenbranter ...	99	24	6.9	2.2	4.5	-	10.6	1, 2, 27	-2.8	8, 14	-	-	232	-	33	27	21	19	2	0	3	0	3	0	6	12	0	-	-	-	-	-	
	Benmore Y.B.G.*	99	12	7.5	2.7	5.1	-	11.7	2	-1.7	8, 13, 14	-	-	244	123	43	27	22	19	3	1	2	3	1	1	6	11	0	-	-	-	-	-	
Bute	Kildonan ...	21-9	18	7.8	4.0	5.9	-	10.1	2	-0.6	21	-	-	101	-	17	22	20	17	0	-	2	0	1	0	1	2	10	-	-	-	-	-	
	Brodick Castle ...	99	15	8.3	3.7	6.0	-	11.7	1	-0.6	13, 14, 18	5.7	-	186	-	21	26	19	19	0	0	4	0	2	0	4	11	0	-	-	-	-	-	-
	Rothsay ...	99	43	7.4	3.5	5.5	+1.3	11.7	27	0.0	18	4.7	5.3	129	124	15	26	20	16	1	0	0	5	0	0	1	7	0	1.76	75	-	-	-	-
	Millport ...	99	5	8.0	3.7	5.9	+1.0	11.7	2	1.1	8, 15	-	-	102	124	15	19	19	16	0	0	1	0	1	0	0	-	4	-	-	-	-	-	-
Dunbarton	Finnart ...	99	15	7.9	3.3	5.6	-	12.2	2	-0.6	7	-	-	214	-	34	27	21	20	2	0	6	0	0	-	3	-	4	-	-	-	-	-	
	Helensburgh ...	99	89	7.1	2.5	4.8	+1.5	10.0	2, 6, 27	-1.7	13	-	-	132	114	22	27	23	18	1	0	0	0	0	0	5	-	1	1.84	84	-	-	-	-
	Sloy ...	21-9	12	7.6	3.6	5.6	-	12.5	2	-1.9	8	-	-	274	-	45	27	21	21	4	-	4	0	1	0	4	-	1	-	-	-	-	-	
	Cumbernauld ...	99	94	6.7	1.3	4.0	-	10.6	2	-4.4	13	-	-	191	-	(40)	27	20	18	6	2	0	1	0	0	8	15	2	-	-	-	-	-	
Stirling	Earl's Head ...	21-9	335	4.6	0.7	2.7	-	8.8	2	-3.6	13	-	-	-	-	-	-	-	-	-	-	-	-	-	2	14	15	-	2.07	-	-	-	-	
	Stirling ...	99	46	7.8	2.6	5.2	+1.5	12.2	2	-2.2	13	4.0	5.5	129	177	29	27	19	15	4	1	0	1	0	2	6	15	4	2.23	-	-	-	-	
	Falkirk Swg. Wks.	99	3	7.9	2.1	5.0	-	11.7	2	-3.9	13	-	-	115	-	24	27	19	14	2	-	0	1	0	1	6	-	0	-	-	-	-	-	
	Grangemouth ...	99	4	8.1	2.7	5.4	-	12.2	2	-3.3	13	-	-	106	-	26	27	18	13	2	0	0	0	0	0	6	-	0	-	-	-	-	-	
Renfrew	Greenock ...	99	61	6.9	3.2	5.1	+1.0	(10.0)	1, 2	-0.6	13, 14	-	-	162	126	29	19	20	17	0	0	3	0	0	0	2	8	1						



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY

1967

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date						0.2 mm. or more	1.0 mm. or more														
2 ENGLAND, N.E.																																
North-berland	Kielder Castle ...	99	201	6.4	0.6	3.5	-	10.6	1,2	-5.0	8	3.8	-	138	153	40	27	17	16	6	4	0	3	0	9	13	23	0	-	-	-	
	Haydon Bridge ..	99	79	7.6	2.0	4.8	-	12.2	25	-4.4	13	4.3	5.1	86	-	37	22	16	12	5	2	1	0	0	0	7	12	2	-	-	-	
	Corbridge ...	99	49	7.7	2.0	4.9	-	12.8	2	-4.4	13	-	-	64	-	28	22	13	11	3	0	0	2	0	0	5	17	0	-	-	-	
	Berwick-on-Tweed †	99	23	7.4	2.9	5.1	+1.3	12.2	2	-1.7	13	-	-	53	139	21	22	15	11	1	0	0	0	0	0	2	13	4	3.78	139	-	
	Cockle Park §§	99	99	(7.3)	(1.7)	(4.5)	(+1.5)	11.7	2	-2.8	13	4.2	-	72	150	31	22	15	9	3	-	0	1	1	-	7	12	5	2.89	110	-	
Durham	Acklington ...	21-9	42	7.7	2.7	5.2	-	12.2	2	-3.4	13	-	-	50	116	29	22	15	7	4	1	0	0	0	0	3	8	4	3.37	-	-	
	Tynemouth ...	21-9	29	7.6	4.0	5.8	+1.4	13.0	2	0.2	13	-	-	50	119	27	22	13	9	1	0	0	0	0	0	0	8	6	2.91	124	-	
	Seahouses ...	21-9	11	8.0	3.0	5.5	-	13.4	2	-1.5	13	-	-	57	-	27	22	12	10	1	0	0	0	0	0	2	11	5	3.49	-	-	
	Chopwellwood ...	99	136	7.4	2.0	4.7	+1.6	12.2	2	-1.1	13	-	-	70	140	29	22	14	13	2	1	0	0	0	0	7	22	0	-	8	-	
	Ushaw College ...	99	181	7.0	1.8	4.4	+1.4	12.8	2	-1.7	15	-	-	70	132	31	22	13	9	2	1	1	0	0	0	6	-	0	-	-	-	
Yorks., N. Riding	Houghall ...	99	37	8.1	2.1	5.1	+1.9	13.3	2	-3.9	13	-	-	54	115	22	22	13	9	3	0	0	0	0	0	6	21	0	2.92	126	-	
	Durham §§	99	102	7.8	(2.2)	(5.0)	(+1.7)	12.8	2	-1.7	13	4.6	5.5	53	118	24	22	13	8	-	1	-	-	-	6	17	-	2.89	119	-		
	West Hartlepool	99	9	8.6	3.6	6.1	-	12.8	2	-2.2	13	-	-	44	116	19	22	13	8	2	0	0	0	0	1	1	-	2	2.41	-	-	
	Thirsk ...	99	34	8.6	2.0	5.3	-	12.8	2,3	-1.1	5,9,13	-	-	77	-	24	22	14	11	3	0	1	0	1	0	6	12	2	-	-	-	
	Leeming ...	21-9	32	8.4	3.0	5.7	-	13.2	1	-2.0	13	-	-	77	-	23	22	12	10	3	0	0	1	0	1	4	11	3	3.02	-	-	
Yorks., E. Riding	York (Heslington)	99	20	8.4	(2.4)	(5.4)	-	13.3	2	-1.7	11,(13)	4.2	5.4	54	-	14	22	15	11	-	0	-	-	-	1	3	10	-	2.54	-	-	
	Ampleforth ...	99	95	7.7	2.1	4.9	+1.8	11.7	1	-1.7	11	-	-	71	131	20	22	13	11	1	0	0	0	1	1	5	17	0	-	-	5	
	Redcar ...	99	8	8.8	3.4	6.1	-	12.8	2	-3.3	13	-	-	49	123	17	22	12	9	-	0	-	-	-	0	1	-	-	2.81	-	-	
	Pickering ...	99	44	8.1	1.8	4.9	-	11.9	2	-3.2	13	-	-	64	-	23	27	15	12	2	0	1	0	0	0	8	16	0	-	-	-	
	Whitby ...	99	41	8.6	3.7	5.9	+1.4	12.2	1,2	1.1	18	5.9	6.4	56	122	14	27	15	12	0	0	0	0	0	0	0	1	3	2.78	121	-	
Lincoln	Scarborough §§	99	203	7.1	1.4	4.3	-	11.7	3	-2.2	13	3.8	-	92	148	27	27	19	13	1	0	0	0	0	0	4	7	19	1	2.91	-	-
	Silpho Moor ...	21-9	63	7.8	3.5	5.7	-	12.1	2	-1.6	13	-	-	63	-	23	27	13	9	0	0	0	0	0	0	2	5	5	-	-	-	
	Whitby C'Guard	99	175	6.6	(1.9)	(4.3)	-	11.1	2	-1.1	(11),14	3.9	-	76	149	21	27	15	12	2	0	0	0	0	0	0	(4),(12)	0	2.77	-	-	
	High Mowthorpe	99	2	8.6	3.4	6.0	+1.8	12.8	2,3	-1.7	13	4.9	5.9	53	113	19	27	11	8	0	0	0	0	0	0	1	14	2	2.62	121	-	
	Hull §§	21-9	7	8.1	3.2	5.7	-	12.6	2	-2.4	13	-	-	64	-	19	27	15	9	1	0	1	2	1	0	5	13	2	2.95	-	-	
Suffolk	Leconfield ...	99	37	7.6	2.8	5.2	-	12.2	2	-0.6	11,13	-	-	66	140	17	27	14	12	0	0	1	0	0	0	3	11	1	3.15	-	-	
	Filey ...	99	48	7.6	2.8	5.2	-	11.7	1,2,3	0.0	18	-	-	66	135	16	22	16	11	0	0	0	0	0	0	1	0	8	6	3.05	-	-
	Bridlington ...	21-9	12	7.6	3.6	5.6	-	12.0	2,3	0.1	14	-	-	47	-	11	27	13	9	0	0	0	0	0	0	-	12	2	2.73	-	-	
	Kilnsea ...	21-9	68	8.0	2.4	5.2	+1.6	13.3	2	-3.7	13	-	-	44	-	14	27	12	10	1	0	0	1	0	0	6	13	1	3.15	-	-	
	Waddington ...	99	7	8.4	1.7	5.1	-	13.9	2	-5.0	8	4.5	5.3	44	102	13	27	13	10	0	0	0	0	0	0	1	8	17	1	3.13	-	-
Cambridge	Lincoln ...	99	62	8.1	1.9	5.0	+1.5	13.3	2	-3.7	13	4.6	5.8	42	100	13	27	12	11	2	0	0	0	1	1	6	15	3	2.95	116	-	
	Cranwell §§	99	3	8.3	2.1	5.2	-	12.8	2	-4.4	13	-	-	46	-	11	27	15	10	0	0	1	0	0	5	14	2	-	-	-	-	
	Brigg ...	99	30	(8.2)	(1.8)	(5.0)	-	13.3	2	-3.3	13	-	-	44	-	11	27	(16),(10)	-	-	-	-	-	-	6	-	-	-	-	-	-	
	Caistor ...	21-9	108	7.4	2.6	5.0	-	12.7	3	-0.8	13	-	-	54	-	15	27	14	11	2	0	3	1	0	0	3	13	4	-	-	-	-
	Binbrook ...	99	7	9.0	3.1	6.1	+2.1	13.3	2,3	0.0	13,14,18	-	-	54	120	18	27	8	8	-	-	-	-	-	0	0	-	-	2.85	117	-	
Hertford	Cleethorpes ...	21-9	17	8.2	2.7	5.5	-	14.1	2	-3.2	13	5.0	-	55	134	21	27	13	10	1	0	1	2	1	1	3	14	1	3.25	-	-	
	Manby ...	99	5	8.6	3.0	5.8	+2.1	13.3	3	-0.6	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	3.40	137	-		
	Skegness ...	99	4	8.2	2.2	5.2	-	12.8	2,3	-1.7	14	4.9	-	37	109	9	27	13	10	0	0	1	0	0	2	6	11	0	3.10	-	-	
	Terrington St. Cl.	99	24	8.8	1.3	5.1	-	13.3	3	-6.1	18	4.6	5.6	49	109	11	20	20	11	-	0	-	-	-	-	9	14	-	2.58	-	-	
	Santon Downham	21-9	76	7.9	2.2	5.1	+1.9	12.5	3	-2.6	18	-	-	55	106	17	27	14	8	2	0	0	2	0	4	7	12	3	2.89	-	-	
Norfolk	West Raynham ...	99	53	8.6	2.3	5.5	-	12.9	3	-2.0	14	-	-	51	-	15	27	16	10	1	0	4	1	1	6	5	11	8	-	-	-	
	East Dereham ...	99	54	7.7	2.7	5.2	+1.3	12.2	2,3	-0.6	18	-	-	38	81	14	27	12	8	-	0	-	-	-	0	1	10	-	3.27	127	-	
	Cromer ...	99	28	8.2	2.2	5.2	+1.6	12.8	2,3	-2.8	13	5.3	-	48	109	15	27	12	9	2	0	1	0	1	-	7	13	2	2.78	116	-	
	Sprowston §§	21-9	17	8.5	2.7	5.6	-	13.6	2	-4.1	18	-	-	43	-	13	27	13	8	1	0	1	0	1	2	7	12	2	-	-	-	
	Coltishall ...	99	27	8.1	2.4	5.3	-	12.8	3	-1.1	14	-	-	41	98	13	27	13	8	1	0	1	1	1	3	6	13	1	3.24	-	-	
Suffolk	Burlingham ...	21-9	4	7.9	3.9	5.9	+1.7	13.0	3	0.4	10	5.9	6.7	35	85	9	27	16	8	1	0	1	0	0	1	0	3	4	3.10	127	-	
	Gorleston §§	21-9	5	8.8	3.0</																											



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY

1967

DISTRICT, COUNTY AND PLACE		Terminal & GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Terminal hour 9 GMT		Most in a Day		Precip'n 0.2 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (°C)	Percentage of 1931-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more															
																															10 cm.	122 cm.
4 MIDLAND COUNTIES																																
Yorks.	Slaidburn	99	192	6.6	1.8	4.2	-	11.1	2	-2.8	8	-	-	152	125	52	27	18	16	2	0	0	1	1	2	7	11	0	1.81	-	-	-
	W. Riding	Malham Tarn	99	395	4.2	0.6	2.4	-	8.3	12	-3.9	13	3.4	-	147	116	47	27	18	14	4	1	2	0	0	6	11	15	0	-	-	-
	Huddersfield	99	99	7.8	2.7	5.3	-	12.2	2	(-3.3)	13	4.4	5.7	81	114	43	27	15	13	-	0	-	-	-	6	7	10	-	2.13	133	-	-
	Oakes	21-9	235	6.6	2.1	4.3	-	11.5	25	-3.0	13	4.0	5.2	131	156	54	27	15	13	4	0	1	4	1	4	6	17	5	2.04	107	-	-
	Bradford	99	134	7.3	2.7	5.0	+1.9	12.2	2	-2.2	9	4.3	5.2	101	142	40	27	15	13	3	0	2	0	0	3	5	9	3	-	-	-	S
	Ilkley	99	96	(7.7)	2.7	(5.2)	(+2.0)	12.2	2	-2.2	9	-	-	115	137	46	27	15	12	1	0	2	0	0	5	6	-	0	2.44	116	-	-
	Sheffield	99	131	7.7	3.1	5.4	+1.6	12.8	2	-1.1	13	4.3	5.6	71	116	23	27	15	13	2	-	0	1	0	-	3	13	0	1.86	100	-	-
	Pontefract	99	78	7.9	2.8	5.3	+1.8	12.2	2	-1.7	13	-	-	44	94	11	27	18	8	2	0	0	2	0	4	3	7	1	-	-	-	-
	Bramham	99	54	7.8	2.1	4.9	-	12.8	2	-3.3	13	-	-	57	136	17	22	15	11	3	0	0	0	0	5	6	12	0	2.74	-	-	-
	Cawood	99	6	8.4	2.3	5.3	-	12.8	2	-2.2	11, 13	4.3	5.4	52	121	13	22	12	9	0	0	0	0	0	1	8	14	2	3.15	-	-	-
	Askham Bryan	99	34	6.3	2.4	4.3	-	12.8	2	-3.3	13	-	-	59	131	16	22	17	8	0	0	0	0	0	3	5	15	0	2.85	124	-	-
Derby	Buxton	99	307	5.8	1.7	3.7	+1.7	10.0	2	-1.7	13, 15, 16	3.6	4.7	108	107	25	27	16	13	2	0	0	1	0	5	8	8	3	-	-	-	-
	Derby	99	48	8.4	2.4	5.4	-	12.8	2, 3, 25	-2.8	18	-	-	54	95	19	27	13	10	1	0	0	0	0	4	8	14	1	2.53	-	-	-
	Morley	99	107	(7.8)	(1.8)	(4.8)	-	12.2	2, 3	-2.2	18	-	-	57	98	21	27	15	10	1	0	0	0	0	-	9	21	2	2.27	-	-	-
	Chesterfield	99	91																													
Nottingham	Sutton Bonington	99	48	8.6	2.3	5.5	+1.9	12.8	1, 3, 25	-2.8	18	5.1	6.1	55	128	23	27	14	9	2	0	0	0	0	1	7	16	0	2.60	118	-	-
	Watnall	21-9	117	8.0	2.3	5.1	+1.6	12.6	2, 3	-2.2	18	-	-	61	120	22	27	14	11	4	0	2	0	1	4	6	15	3	2.11	95	-	-
	Nottingham T.C.*	99	48	8.8	2.1	5.5	-	12.8	3, 4	-2.2	13	-	-	47	-	20	27	13	8	-	-	-	-	-	5	5	12	-	2.46	-	-	-
	Mansfield	99	110	7.8	2.2	5.0	+1.7	12.8	2	-2.2	13	4.3	-	75	144	27	27	13	13	1	0	1	0	1	3	5	14	0	-	-	-	-
	Nottingham	99	59	8.6	2.5	5.5	+1.6	13.3	2	-1.7	13	4.4	5.3	46	102	16	27	12	9	1	0	0	1	1	1	4	11	0	2.28	118	-	-
	Warsop	99	46	8.3	1.5	4.9	-	13.3	2	-5.6	13	-	-	57	130	23	27	12	10	0	0	0	0	0	4	11	15	0	2.72	-	-	-
	Finningley	21-9	10	8.8	2.9	5.9	+1.2	13.9	2	-4.0	13	-	-	38	-	9	27	11	9	0	0	1	0	0	3	6	13	0	2.90	-	-	-
Leicester	Newtown Linford	99	119	7.8	1.4	4.6	-	12.8	3	-4.4	18	-	-	54	106	18	27	14	11	1	0	0	0	0	3	7	14	0	2.42	-	-	-
	Caldecott	99	53	8.6	1.3	4.9	-	13.3	1, 2	-5.0	18	-	-	51	138	17	27	11	9	-	0	-	-	-	3	11	15	-	2.33	-	-	-
Northampton	Bugbrooke Mills	99	69	8.5	1.2	4.9	-	12.8	1, 2	-5.0	13, 18	5.1	6.5	49	120	12	27	11	10	-	0	-	-	-	3	13	-	-	2.75	-	-	-
	Raunds	99	59	8.3	1.5	4.9	+1.6	13.3	2	-4.4	13	4.6	6.4	58	153	15	27	13	9	0	0	1	0	0	5	11	14	1	2.76	119	-	-
Warwick	Birmingham K.E.S.**	99	137	7.7	2.3	5.0	-	12.8	1	-2.2	14	-	-	75	136	23	27	15	11	0	0	2	0	0	5	5	-	2	-	-	-	-
	Edgbaston	21-9	163	7.5	3.0	5.3	+1.5	12.2	3	-2.0	14	5.9	7.3	72	129	24	27	15	10	6	0	2	1	0	1	4	13	0	2.42	117	-	-
	Luddington	99	42	8.7	2.0	5.3	-	12.8	1, 3	-3.9	18	-	-	46	118	11	20	13	10	0	0	0	0	0	3	10	16	0	2.98	-	-	-
	Stratford on Avon	99	49	9.1	1.5	5.3	-	13.3	25, 26	-5.0	18	4.9	-	54	135	10	27	13	10	0	0	0	0	0	4	10	17	0	2.96	-	-	-
	Elmdon	21-9	97	8.1	1.8	4.9	+1.4	12.8	3	-5.7	13	-	-	69	144	19	27	12	11	2	0	3	3	1	6	9	15	1	2.57	-	-	-
	Shipston on Stour	99	111	8.2	1.9	5.1	-	12.2	1, 2, 3	-3.3	8, 14	5.3	-	60	128	14	27	14	9	1	0	1	0	0	2	7	17	4	3.12	-	-	-
	Wellesbourne	99	47	(8.7)	(2.2)	(5.5)	-	(12.8)	(2, 3)	-3.3	8	-	-	47	109	11	20	13	10	-	0	-	-	-	7	-	-	-	-	-	-	-
	Coventry	99	107	(7.6)	0.8	(4.2)	-	11.1	2, 5	-2.8	13	5.1	6.3	58	-	17	27	12	9	0	-	0	0	0	4	9	-	0	2.84	-	-	-
	Moreton Morrell	99	85	8.4	1.8	5.1	-	12.8	3	-3.9	8, 13	-	-	49	114	12	20	12	10	0	0	0	0	0	3	8	17	0	3.09	-	-	-
	Rugby	99	117	8.1	1.9	5.0	+1.6	12.8	3	-3.3	18	4.4	5.9	63	147	19	27	12	9	0	0	1	0	0	4	9	15	0	-	-	-	-
Oxford	Oxford	99	63	8.9	2.9	5.9	+1.7	12.2	3, 20, 25	-2.2	13, 14	5.1	6.3	64	142	17	27	11	10	1	0	0	0	1	3	5	12	0	3.15	121	-	-
	Buckingham	99	30	9.3	1.1	5.2	-	12.8	2, 3, 20	-5.6	13	-	-	62	-	20	27	12	10	-	-	-	-	-	13	18	-	-	-	-	-	
	Grendon Underwood	99	67	(8.9)	1.3	(5.1)	-	12.8	25	-5.0	18	4.9	6.3	59	-	18	27	12	9	1	0	1	0	0	-	13	18	0	2.96	-	-	-
	Aylesbury	99	96	8.4	-	-	-	12.2	25	-2.8	8, 13, 18	-	-	-	-	17	27	-	-	1	0	1	0	1	-	9	15	1	2.96	-	-	-
	Bletchley	99	86	-	-	-	-	-	-	-	-	-	-	57	-	13	27	13	9	0	0	0	1	0	3	-	0	-	-	-	-	-
Stafford	Keele	99	179	7.2	1.6	4.4	-	11.7	2	-3.3	8	4.1	5.4	60	-	22	27	17	10	2	0	1	1	0	2	6	15	0	2.01	-	-	-
	Oaken	99	125	7.7	(1.0)	(4.3)	-	12.8	2, 3	-4.4	8, 9	4.3	-	47	-	14	27	9	2	-	-	-	-	-	-	12	16	-	-	-	-	-
	Stone	99	107	7.8	1.6	4.7																										



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in G.M.T. of Observation	Height of Station above M.S.L. (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 G.M.T.)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				A. Max.	B. Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE					
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a Day	Precip'n 0.2 mm. or more or more	Snow or Sleet	Snow lying at 0 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0 hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date																						
					30 cm.	122 cm.																												
7a ENGLAND, N.W.—cont.																																		
Lancashire	Grizedale	99	91	7.7	(1.6)	(4.1)	-	11.7	2	-5.0	13	4.9	-	165	-	53	22	17	15	2	0	1	0	0	0	9	14	0	-	-	-	-		
—cont.	Speke	21-9	22	8.4	3.3	5.9	-	14.0	2	-2.1	8	-	-	55	106	12	22	17	12	2	0	3	0	0	1	5	8	2	3.10	-	-	-		
	Kirkham	99	24	8.2	2.8	5.5	-	11.7	25	-5.0	8	-	-	81	129	29	27	17	10	0	1	0	0	0	7	12	0	2.92	-	-	-			
	Garstang	99	21	(7.8)	(2.6)	(5.2)	-	11.7	25	-3.3	8	-	-	87	138	30	27	16	10	-	0	-	-	-	6	10	-	0	2.74	-	-	-		
	Morecambe	99	7	7.5	3.2	5.3	+1.4	11.7	25	-1.7	8,9	-	-	98	151	41	27	18	11	0	0	0	0	0	4	-	0	3.13	128	-	-	-		
	Penketh	99	15	2.0	-	-	-	13.9	2	-2.8	9,11	5.7	6.3	54	-	11	27	16	14	0	0	1	0	0	2	14	1	2.35	-	-	-	-		
	Preston	99	33	8.2	3.2	5.7	-	11.7	25	-2.8	8,9	-	-	87	128	34	27	18	12	1	0	0	2	1	3	3	9	0	-	-	-	-		
	Stonyhurst	99	115	7.7	(2.0)	(4.9)	+1.6	11.7	25	-2.2	8,9	-	-	104	113	37	27	17	15	-	0	-	-	-	5	6	12	-	2.19	105	-	-	-	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.83	-	-	-		
	Helmshore	99	260	5.9	1.6	3.7	-	11.1	2	-3.3	23	4.4	-	145	118	52	27	17	14	-	0	-	-	-	3	7	14	-	2.03	-	-	-	-	
	Burnley	99	200	6.7	1.9	4.3	-	11.1	2	-2.8	8,9,13	4.8	5.9	109	-	41	27	21	14	1	0	5	3	0	4	6	-	8	2.13	-	-	-	-	
	Nelson	99	165	6.7	2.3	4.5	-	11.1	2	-2.9	8,9	4.3	5.7	96	104	34	27	17	13	-	0	-	-	-	3	6	10	-	1.77	-	-	-	-	
Cheshire	Rochdale	99	110	7.6	1.6	4.6	-	12.2	2	-5.0	18	-	-	103	114	37	27	18	14	2	0	2	0	0	4	7	12	1	-	-	S	-	-	
	West Kirby Park	99	8	8.6	3.4	6.0	-	13.9	2	-2.2	8	-	-	50	-	16	22	16	11	-	0	-	-	-	5	12	-	2.57	-	-	-	-	-	
	Bidston	99	60	7.9	3.9	5.9	+1.7	14.4	2	0.0	14	-	-	46	94	11	22	14	9	-	-	-	-	1	0	2	-	2.68	116	-	-	-	-	
	Ness Gardens	99	55	8.2	2.7	5.5	-	13.3	2	-1.7	13	-	-	64	-	19	22	17	10	-	-	-	-	-	4	19	-	-	-	-	-	-	-	
	Winnington	99	20	8.7	3.2	5.9	-	14.4	2	-2.8	8	-	-	51	94	12	27	16	10	1	0	0	1	0	2	4	12	4	-	-	-	-	-	
	Knutsford	99	65	8.3	2.2	5.3	-	13.2	2	-4.8	8	4.3	5.7	57	97	13	27	16	12	-	0	-	-	-	6	20	-	-	-	-	-	-	-	
	Ringway	99	76	7.9	2.8	5.3	+1.6	12.9	2	-4.5	8	-	-	52	87	14	27	17	11	2	0	2	1	1	2	4	9	0	2.51	128	-	-	-	
	Macclesfield	99	152	7.1	2.2	4.7	+1.6	11.7	2	-2.2	8	-	-	61	88	14	27	18	13	4	0	1	1	0	2	7	-	1	-	-	-	-	-	
7b NORTH WALES																																		
Flint	Rhyl	99	9	8.7	3.3	6.0	+1.1	14.4	2	-1.1	8	-	-	68	145	17	27	12	8	1	0	0	0	0	1	4	6	3	2.51	102	-	-	-	
	Prestatyn	99	4	8.9	3.4	6.1	-	15.0	2	-2.2	13	-	-	58	116	16	16	12	8	0	0	0	0	0	6	-	0	0	2.67	117	-	-	-	
Anglesey	Hawarden Bridge	99	5	8.9	3.2	6.1	+1.6	13.3	1,2	-2.2	11	-	-	72	144	18	22	16	10	1	0	0	1	0	2	6	-	0	-	-	-	-	-	
	Valley	21-9	10	8.5	4.2	6.3	+0.9	11.3	1	-2.1	13	-	-	73	126	22	22	14	11	0	0	3	0	0	0	3	6	11	3.67	131	-	-	-	
Denbigh	Colwyn Bay	99	36	8.9	4.2	6.5	+1.3	14.4	2	-1.7	13	6.0	-	32	58	8	20	10	8	1	0	0	0	0	4	-	1	2.86	118	-	-	-	-	
	Alwen	99	335	6.1	0.2	3.1	-	10.1	1	-6.1	18	-	-	138	135	41	27	19	14	-	-	-	-	-	12	18	-	-	-	-	-	-	-	
	Ruthin	99	76	(8.1)	2.2	(5.1)	-	13.9	1	-1.7	8	-	-	97	-	25	27	17	10	-	-	-	-	-	0	8	-	-	2.63	-	-	-	-	
	Loggerheads	99	210	(7.1)	1.8	(4.5)	-	12.2	1	-3.9	8	4.2	5.6	99	-	25	16	18	13	3	2	1	1	0	4	8	10	3	-	-	-	-	-	
	Bwlchgwyn	99	386	5.2	1.6	3.4	-	10.0	1	-3.9	14	3.9	-	129	155	34	16	21	14	4	3	0	0	0	4	11	17	0	-	-	-	-	-	
	Wrexham	99	84	8.6	2.3	5.5	-	13.9	1	-2.2	13	4.7	5.9	78	130	16	27	19	11	1	0	0	0	0	3	7	-	0	-	-	-	-	-	
Caernarvon	Bardsey Island	21-9	18	8.3	5.8	7.1	-	10.8	1	-0.6	15	-	-	77	-	23	22	10	9	-	0	-	-	-	1	1	4	-	-	-	-	-	-	
	Botwnnog	99	34	(8.5)	(3.4)	(5.9)	-	12.2	1	-1.1	8	(6.3)	(7.6)	97	-	27	22	14	10	0	0	2	1	0	0	3	12	4	3.42	-	-	-	-	-
	Bryn Adda	99	84	8.5	3.4	5.9	-	11.1	1,2	-1.1	8,14	-	-	103	118	31	22	14	13	2	0	0	1	0	0	3	10	4	3.00	-	-	-	-	-
	Aber	99	18	9.3	-	-	-	13.3	2	-0.6	14,15	-	-	141	178	32	22	15	12	3	0	1	0	0	0	3	7	1	2.26	112	S	-	-	-
	Llandudno	99	4	8.7	4.2	6.5	+1.2	12.8	2,22	-1.1	8	-	-	64	128	17	22	14	8	1	0	0	0	0	2	-	2	2.87	114	-	-	-	-	-
Merioneth	Trawsfynydd	99	186	7.6	2.7	5.1	-	10.0	1,3,22	-2.2	14	-	-	156	-	-	-	-	-	-	-	-	-	-	1	5	12	-	-	-	-	-	-	
	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen	99	144	7.8	1.7	4.7	-	11.1	1,2	-5.0	13	-	-	136	149	32	27	17	11	0	0	0	2	0	-	9	19	0	-	-	-	S	-	-
Montgomery	Ceinws	99	61	8.5	(1.8)	(5.1)	-	11.7	25	-4.4	8	-	-	205	-	17	16	17	16	-	-	-	-	0	12	16	-	-	-	-	-	-	-	
	Lake Vyrnwy	99	303	6.3	1.3	3.8	-	10.0	1	-3.9	13	4.2	-	203	134	61	27	18	11	3	0	3	0	0	1	8	15	3	-	-	-	-	-	-
8a SOUTH WALES																																		
Cardigan	Aberporth	21-9	133	7.9	3.5	5.7	+0.9	10.6	1	-1.4	14	-	-	91	115	22	27	13	11	2	0	3	0	0	1	2	7	8	3.43	-	-	-	-	-
Pembroke	Aberystwyth	99	138	7.7	2.8	5.3	+1.0	10.0	2,22,25	-1.7	14	-	-	88	119	25	27	19	13	1	0	1	0	0	2	5	10	0	3.31	125	-	-	-	-
	Frongoch	99	31	8.7	2.7	5.7	-	11.1	1,2,22	-3.3	8	-	-	69	88	17	27	17	11	0	0	0	0	0	1	6	13	3	2.81	-	-	-	-	-
	Gogerddan	99	165	7.9	2.3	5.1	-	11.1	2	-4.4	8	-	-	135	134	33	27	17	14	-	0	-	-	-	1	6	15	-	2.93	-	-	-	-	-
	Swyddffynnon	99	61	8.5	2.5	5.5	-	11.1	1,2	-5.0	8	6.5	-	113	124	33	27	17	11	0	0	0	0	0	3	7	14	0	2.37	-	-	S	-	-
	Trawscoed	99	61	8.5	2.5	5.5	-	11.1																										



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. by GNT of Observation	Min. Temp. by GNT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 0 GMT)		WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Number of Days												Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 0 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0 hr.	Air Frost†	Grass min. below 0°C			Gale	Daily Mean (°C.)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											



TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktae)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										8 or more	4-7	4-5	1-3	Calm								
																										SPEED IN KNOTS												
																										22-33	11-21	1-10	0									
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	83m.	3	1003.5	-	4.6	0.6	7.7	91	7.2	0	1	2	6	19	0	0	0	0	0	0	2	4	11	6	5	1	9	16	2	0	0	0	0	6	7	7	4	1
		9	1003.0	-5.8	4.5	0.7	7.5	89	7.2	0	1	1	9	16	1	0	0	1	0	0	1	9	7	8	2	1	10	12	4	1	1	0	1	3	11	5	5	1
		15	1002.6	-	5.0	0.9	7.4	84	6.3	0	2	4	13	9	0	0	0	0	0	0	1	4	10	10	3	3	2	8	16	2	0	1	0	0	5	9	3	7
Orkney Kirkwall	26m.	21	1003.4	-	4.6	0.8	7.4	87	6.1	0	3	5	9	10	1	0	1	0	0	0	2	3	7	12	3	2	8	11	7	0	0	0	0	5	8	4	7	4
		9	1004.3	-	4.6	1.0	7.2	84	4.3	2	9	6	3	8	0	0	0	0	0	0	1	5	4	11	7	0	3	11	14	0	0	0	1	5	7	7	6	2
		15	1004.3	-5.8	4.7	1.0	7.3	84	5.9	0	4	4	14	8	0	0	0	0	0	0	5	5	11	7	0	0	2	14	12	0	0	0	0	5	8	5	9	1
Caithness Wick	37m.	3	1004.3	-	4.7	1.0	7.3	84	5.9	0	4	4	14	8	0	0	0	0	0	0	5	5	11	7	0	0	2	14	12	0	0	0	0	5	8	5	9	1
		9	1004.1	-	6.2	1.4	7.6	79	5.5	1	4	4	15	4	0	0	0	0	0	0	4	3	11	10	1	3	15	9	0	0	0	0	4	10	1	9	4	0
		21	1004.8	-	4.5	0.9	7.3	85	5.2	1	6	5	11	5	0	0	0	0	0	0	1	6	7	9	5	0	4	10	14	0	0	0	0	9	3	7	9	0
Sutherland Cape Wrath*	113m.	3	1002.3	-	5.2	0.7	7.9	89	6.1	0	2	8	6	12	0	0	0	0	0	0	1	3	6	18	1	11	7	8	1	0	0	1	6	3	12	3	2	
		9	1002.1	-	5.1	0.7	7.8	89	6.9	0	1	2	12	13	0	0	0	0	0	0	1	5	11	11	6	7	9	6	0	0	0	0	8	4	10	4	2	
		15	1002.4	-	6.1	0.8	8.3	88	6.4	0	2	5	11	10	0	0	0	0	1	0	1	8	6	12	5	8	9	6	0	0	0	0	6	5	10	5	2	
Ross & Cromarty Stornoway	5m.	21	1002.8	-	5.1	0.8	7.8	88	5.9	0	2	8	8	9	1	0	0	0	1	0	0	3	4	6	14	5	4	14	5	0	0	0	7	3	10	6	2	
		9	1003.6	-	5.3	0.8	7.8	87	5.2	2	4	6	9	7	0	0	0	0	0	0	2	11	14	1	0	5	13	8	2	0	0	1	4	8	6	5	2	
		15	1003.9	-6.2	5.5	0.9	7.8	86	5.9	1	1	6	15	5	0	0	0	0	0	0	1	2	17	7	1	6	17	4	0	0	0	1	3	9	8	5	2	
Inverness Benbecula	6m.	3	1004.1	-	7.0	1.4	8.0	80	5.1	2	6	5	9	6	0	0	0	0	0	0	3	7	13	5	1	4	17	6	0	0	0	1	5	6	6	7	3	
		9	1004.3	-	5.2	0.9	7.6	85	5.0	5	2	5	9	7	0	0	0	0	0	0	1	12	13	2	0	5	14	8	1	0	0	2	3	8	8	6	0	
		15	1004.2	-6.2	6.0	1.1	7.8	82	5.8	1	4	5	7	11	0	0	0	0	0	1	1	13	12	1	1	9	15	3	0	1	0	1	5	9	3	8	2	
i SCOTLAND, E.	6m.	21	1004.2	-	5.9	1.0	7.9	84	6.4	0	0	9	13	6	0	0	0	0	0	0	1	3	16	8	0	2	7	15	4	0	1	0	0	5	9	3	8	2
		9	1004.2	-	7.0	1.6	7.8	77	5.4	1	4	6	14	3	0	0	0	0	0	0	4	11	11	2	2	9	15	2	0	1	0	0	5	8	6	7	1	
		15	1004.1	-	6.1	1.3	7.7	81	5.9	1	2	7	11	7	0	0	0	0	0	0	2	2	9	12	3	3	7	14	4	0	0	1	9	4	7	5	2	
1 SCOTLAND, E.																																						
Moray Kinloss	6m.	3	1005.2	-	4.8	1.3	7.0	81	5.6	2	4	2	13	7	0	0	0	0	0	0	4	7	7	10	0	6	8	14	0	0	0	5	0	8	14	1	0	
		9	1005.6	-5.2	4.9	1.2	7.0	80	5.7	1	2	6	14	5	0	0	0	0	0	0	3	5	4	16	0	6	11	11	0	0	0	2	5	4	10	7	0	
		15	1005.3	-	6.9	1.7	7.5	75	5.6	1	3	4	20	0	0	0	0	0	0	0	3	7	14	4	1	7	14	6	0	0	0	1	6	4	8	7	2	
Aberdeen Dyce	59m.	21	1005.9	-	4.7	1.2	7.0	80	5.2	2	3	7	8	8	0	0	0	0	0	0	5	9	13	1	0	5	11	12	0	0	0	4	3	3	10	8	0	
		9	1006.3	-	4.3	1.3	6.7	80	4.4	2	7	7	7	5	0	0	0	0	0	0	1	6	7	4	9	0	4	14	9	1	1	0	0	4	5	9	8	0
		15	1006.7	-4.9	4.6	1.5	6.5	77	5.3	1	6	4	10	7	0	0	0	0	0	0	4	3	5	11	0	3	15	9	0	7	17	3	1	0	0	5	9	1
Angus Usan	35m.	3	1006.2	-	6.5	1.9	7.1	73	6.0	0	4	3	16	5	0	0	0	0	0	0	5	7	4	3	9	0	7	17	3	1	0	0	0	5	9	1	8	4
		9	1006.9	-	4.6	1.3	6.8	80	5.1	3	4	3	11	7	0	0	0	0	0	0	6	4	8	3	7	0	2	14	10	2	0	0	1	4	5	6	9	1
		15	1006.4	-	4.7	0.9	7.4	86	4.4	5	5	4	6	8	0	0	0	0	0	0	3	5	5	15	0	4	15	9	0	1	0	0	3	7	2	13	2	
Fife Leuchars	12m.	21	1006.5	-	4.8	1.1	7.2	83	4.9	1	6	7	8	6	0	0	0	0	0	0	4	5	5	14	1	3	19	4	1	1	0	0	3	4	6	12	1	
		9	1006.5	-	6.6	1.3	7.8	80	5.9	0	3	5	14	6	0	0	0	0	0	0	5	5	4	14	1	8	11	7	1	2	0	1	3	8	3	10	0	
		15	1007.1	-	5.1	1.0	7.4	83	4.9	2	8	3	6	9	0	0	0	0	0	0	4	4	5	15	0	3	17	8	0	1	0	1	3	7	3	10	3	
Midlothian Turnhouse	44m.	21	1007.0	-	4.1	0.9	7.1	85	5.0	1	5	9	5	8	0	0	0	0	1	0	6	4	16	1	0	3	16	8	1	1	0	2	3	4	15	2	0	
		9	1007.6	-4.6	4.1	1.0	6.9	83	5.6	1	5	3	12	7	0	0	0	0	1	0	4	8	11	4	0	6	11	9	2	0	0	0	4	2	12	7	1	
		15	1007.0	-	6.7	1.6	7.5	76	5.9	1	3	4	13	7	0	0	0	0	0	1	0	5	7	7	8	0	7	14	6	1	1	0	3	2	6	5	9	1
6a SCOTLAND, W.	10m.	21	1007.6	-	4.6	1.1	7.0	82	5.1	1	6	6	7	8	0	0	0	0	0	0	7	8	11	2	0	4	13	11	0	0	0	2	8	1	8	9	0	
		9	1008.1	-	4.1	1.0	7.0	84	5.1	2	4	7	8	7	0	0	0	0	0	1	3	4	16	4	0	0	4	14	7	3	1	0	2	4	0	14	4	0
		15	1008.8	-4.0	4.2	1.0	7.0	83	5.2	3	2	14	7	0	0	0	0	0	1	0	7	16	4	0	0	6	8	12	2	0	0	3	3	4	10	6	0	
Argyll Tiree	19m.	21	1008.1	-	6.8	1.8	7.3	73	5.7	1	5	2	15	5	0	0	0	0	0	3	4	13	7	1	0	8	9	11	0	1	1	3	3	4	8	8	0	
		9	1008.7	-	4.6	1.2	6.9	81	5.4	3	4	2	10	9	0	0	0	0	0	0	1	11	15	1	0	0	4	10	12	2	0	1	5	4	1	12	3	0
		15	1008.7	-	4.6	1.2	6.9	81	5.4	3	4	2	10	9	0	0	0	0	0	0	1	11	15	1	0	0	4	10	12	2	0	1	5	4	1	12	3	0
Bute Kildonan	14m.	3	1005.3	-	6.1	1.0	8.1	85	5.6	1	5	5	7	10	0	0	0	0	0	0	7	8	11	2	1	12	9	6	0	0	1	3						



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

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS.		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Northumberland Acklington	3	1008.8	-	4.4	1.0	7.1	84	4.9	3	4	8	3	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

FEBRUARY

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	4, 7	4, 5	1-3	Calm									
																										22-33	11-21	1-10	0										
Number of Observations																																							
4 MIDLAND COUNTIES —cont.																																							
Finningley	14m.	3	1012.0	-	4.6	0.9	7.3	85	4.3	9	0	5	9	5	0	0	2	0	0	0	1	12	7	4	2	0	1	9	16	2	1	0	2	3	7	5	7	1	
		9	1012.8	-1.5	4.8	1.1	7.3	84	6.0	2	3	2	12	9	0	0	1	0	2	2	3	10	9	1	0	0	0	12	14	2	3	0	1	3	7	3	8	1	
		15	1012.1	-	7.8	2.0	7.8	73	5.6	0	5	6	9	8	0	0	0	0	0	0	2	8	17	1	0	0	0	4	16	8	0	2	1	4	2	4	4	8	3
Northampton Wittering	67m.	21	1012.3	-	5.3	1.0	7.6	84	4.1	8	4	2	6	8	0	0	0	0	0	2	7	9	9	1	0	0	0	0	13	14	1	1	0	5	3	3	4	9	2
		3	1013.1	-	4.0	0.7	7.3	89	4.7	6	2	6	5	8	1	0	1	2	7	3	6	7	3	6	7	1	0	2	11	15	0	0	1	4	3	2	8	6	4
		9	1013.9	-1.3	4.3	0.7	7.4	88	5.9	1	4	2	11	8	2	0	2	0	4	3	7	7	3	2	0	1	14	12	1	1	3	2	2	4	8	6	1		
Warwick Edgbaston	165m.	15	1013.2	-	7.4	1.8	7.7	74	6.4	0	4	1	13	10	0	0	0	0	0	0	3	6	13	6	0	1	4	14	8	1	2	1	1	4	5	3	11	0	
		9	1013.3	-	4.7	0.9	7.4	86	4.6	5	4	4	10	0	0	0	0	0	0	1	6	10	6	4	1	0	2	12	14	0	0	1	3	5	3	5	8	3	
		21	1014.4	-1.0	4.2	0.8	7.3	87	5.9	2	2	4	13	6	1	0	0	1	5	2	7	9	4	0	0	0	0	11	17	0	2	1	4	2	4	8	6	1	
Elmdon	110m.	3	1013.6	-	6.7	1.8	7.4	74	6.3	1	1	7	9	10	0	0	0	0	0	1	4	10	4	7	2	0	3	13	12	0	2	0	3	4	5	4	9	1	
		9	1013.3	-	3.7	0.7	7.2	89	5.1	8	0	2	9	9	0	0	0	1	4	4	8	7	3	0	0	0	1	8	16	3	0	0	3	2	2	12	4	2	
		15	1013.8	-	4.0	0.7	7.3	89	5.9	1	4	1	13	8	1	0	1	5	2	4	8	8	0	0	0	2	11	13	2	4	0	3	3	4	8	4	0		
Shropshire Shawbury	76m.	21	1013.1	-	6.9	1.7	7.5	75	6.4	0	3	5	9	11	0	0	0	0	0	2	2	13	11	0	0	0	4	15	9	0	1	1	4	3	5	4	8	2	
		3	1012.5	-	3.9	0.7	7.2	88	5.3	4	1	6	8	9	0	0	0	0	1	1	5	3	5	12	1	0	2	10	15	1	0	0	4	3	3	7	9	1	
		9	1013.2	-	4.4	0.7	7.5	88	6.4	0	2	3	17	6	0	0	0	2	0	2	5	9	10	0	0	1	9	15	3	0	0	4	1	6	5	8	1		
Worcester Persore	36m.	15	1012.6	-	7.1	1.8	7.6	75	6.3	0	2	5	13	8	0	0	0	0	0	1	0	9	5	10	3	0	1	15	11	1	0	1	2	5	5	2	7	5	
		9	1012.6	-	4.7	0.8	7.5	87	5.0	6	3	2	7	10	0	0	0	0	1	4	7	6	7	3	0	1	10	15	2	2	0	3	3	5	5	7	1		
		3	1013.5	-	4.3	0.7	7.5	89	5.0	5	2	5	8	6	2	0	2	0	1	2	2	5	8	5	3	1	1	12	10	4	1	2	3	2	1	11	4	0	
Hereford Ross-on-Wye	69m.	9	1014.1	-	4.6	0.9	7.5	87	5.9	2	3	3	10	9	1	0	0	2	2	3	7	6	6	2	0	4	10	10	4	1	0	4	1	4	9	4	1		
		15	1013.3	-	8.0	2.0	7.9	73	6.2	0	2	5	12	9	0	0	0	0	0	0	0	12	4	4	8	1	6	12	8	1	2	1	3	2	5	5	4		
		21	1013.4	-	5.5	1.0	7.8	85	5.4	2	5	6	1	13	1	0	0	1	0	4	6	6	6	5	0	2	13	11	2	0	1	4	2	2	10	6	1		
Gloucester Filton	60m.	9	1013.9	-1.7	4.5	0.9	7.4	87	5.6	2	5	2	10	9	0	0	0	0	5	0	8	2	13	0	0	0	0	10	17	1	0	1	3	1	8	7	7	0	
		15	1012.9	-	8.0	2.1	7.7	71	5.6	1	4	6	7	10	0	0	0	0	0	0	1	10	1	15	1	0	1	11	16	0	1	2	4	1	6	5	9	0	
		21	1013.2	-	5.8	1.1	7.8	83	5.5	3	5	2	4	14	0	0	0	0	0	0	1	12	4	11	0	0	1	11	16	0	0	3	3	2	4	10	3	0	
Little Rissington	229m.	3	1014.2	-	4.7	0.6	7.8	90	4.4	8	4	2	4	10	0	0	0	0	1	1	3	13	8	2	0	1	7	13	6	0	1	4	1	3	10	1	2		
		9	1014.8	-1.3	4.9	0.7	7.9	89	5.6	2	5	3	7	11	0	0	0	2	7	2	9	6	2	0	0	2	9	12	5	0	3	2	2	3	9	2	2		
		15	1013.9	-	7.6	1.5	8.2	77	5.3	1	6	5	7	9	0	0	0	0	0	0	1	13	10	2	2	0	2	18	8	0	1	3	3	3	5	9	3	1	
Gloucester	24m.	21	1014.1	-	6.0	0.8	8.3	87	5.1	6	3	4	2	13	0	0	0	0	1	4	15	8	0	0	0	3	14	6	5	1	2	3	2	2	9	4	0		
		3	1014.1	-	5.0	0.8	7.8	88	5.4	3	4	4	4	11	2	0	1	0	3	1	18	3	2	0	0	1	10	11	6	2	1	0	4	13	2	0			
		9	1014.6	-	5.1	0.9	7.7	86	5.7	2	4	3	8	10	1	0	1	1	5	2	6	10	2	0	0	2	10	9	7	1	1	1	3	6	3	0			
Wiltshire Lyneham	149m.	15	1013.9	-	8.5	2.2	7.9	70	6.1	1	2	4	13	8	0	0	0	0	1	1	15	3	3	5	0	1	16	11	0	2	2	3	1	7	5	3	5		
		21	1014.0	-	6.2	1.1	8.1	83	6.1	3	1	3	7	13	1	0	0	1	2	8	9	6	2	0	0	1	9	14	4	0	3	2	3	9	2	2			
		3	1013.7	-	3.7	0.6	7.3	90	5.7	2	5	2	5	10	4	0	3	2	0	1	2	5	7	1	0	3	12	13	0	3	1	4	2	2	5	8	3		
Sussex Thorney Island	4m.	9	1014.5	-1.1	3.6	0.6	7.3	90	5.9	2	2	4	9	9	2	0	2	0	0	2	2	9	6	4	3	0	3	11	14	0	3	1	4	0	3	7	7	3	
		15	1013.5	-	6.5	1.6	7.6	77	6.3	1	2	3	15	7	0	0	0	0	1	1	9	8	6	3	1	3	15	9	0	1	3	3	1	5	2	12	1		
		21	1013.8	-	4.3	0.7	7.5	88	5.3	2	6	2	8	10	0	0	0	0	1	3	10	6	7	1	0	5	9	14	0	2	2	3	2	9	7	1			
Kent Dungeness	13m.	3	1014.4	-	4.9	0.9	7.6	86	5.3	5	1	5	7	9	1	0	1	0	1	4	7	10	4	0	0	1	10	15	2	1	2	4	1	3	7	6	2		
		9	1015.2	-	5.0	0.9	7.6	85	4.9	2	5	6	9	6	0	0	0	0	5	3	7	9	2	2	0	0	11	13	4	0	1	3	2	6	5	7	0		
		15	1014.5	-	8.1	2.0	8.0	72	6.1	2	2	3	14	7	0	0	0	0	0	0	1	8	16	1	2	0	3	17	8	0	2	1	4	1	7	3	3		
Surrey Gatwick	59m.	21	1014.6	-	5.7	1.1	7.8	83	4.7	6	3	3	6	9	1	0	1	0	0	5	10	2	0	0	0	3	9	16	0	2	1	4	2	5	7	7	0		
		3	1015.4	-0.6	5.5	1.2	7.5	81	4.7	4	5	4	8	6	1	0	1	0	1	4	1	10	7	4	0	0	3	10	15	3	1	1	2	3	6	3	5	2	
		9	1014.5	-	8.4	2.3	7.7	69	5.9	1	4	5	8	10	0	0	0	0	0	0	14	6	7	4	0	0	3	12	13	0	4	1	4	3	6	3	5		
East Hothly	41m.	15	1014.8	-	6.4	1.5	7.7	78	4.6	7	4	2	4	10	1	0	0	1	0	1	11	13	1	0	0	1	9	18	0	2	2	5	4						



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										8 or more	6, 7	4, 5	1-3	Calm									
																										SPEED IN KNOTS													
24 or more					22-33	11-21	1-10	0																															
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1009.7	-	4.5	1.0	7.2	85	5.3	3	4	4	8	9	0	0	0	0	0	0	2	12	9	5	0	0	3	15	8	2	1	0	0	4	5	1	11	4	0
		9	1010.7	-	4.5	0.9	7.3	85	6.0	1	2	5	12	8	0	0	0	0	0	1	3	9	14	1	0	0	0	11	15	2	1	0	0	5	4	3	11	5	0
		15	1010.0	-	7.0	1.8	7.5	75	5.6	2	3	4	13	6	0	0	0	0	0	0	2	8	13	4	1	0	0	4	13	11	0	0	0	5	4	3	9	9	0
		21	1010.2	-	4.8	1.1	7.2	83	5.3	3	5	2	9	8	1	0	0	0	1	0	0	2	8	13	4	0	0	0	4	13	11	0	0	0	5	4	3	11	9
Westmorland Great Dun Fell	-	3	-	-	-0.8	0.0	5.7	98	7.4	2	0	0	1	1	24	15	9	0	0	0	1	0	10	10	4	0	0	1	18	6	3	0	1	5	3	1	9	6	0
		9	-	-	-0.6	0.1	5.8	98	7.1	2	0	2	1	1	22	4	18	0	0	0	0	0	2	2	1	1	5	10	11	2	0	0	1	3	3	4	12	4	1
		15	-	-	-0.1	0.1	6.1	99	7.0	3	0	0	2	7	16	5	11	0	0	0	0	2	9	1	0	7	8	8	5	0	2	1	4	0	5	10	6	0	
		21	-	-	-0.9	0.0	5.7	98	7.4	2	0	0	0	4	22	12	10	0	0	0	0	0	4	2	0	7	12	6	3	0	1	0	4	3	2	11	6	1	
Lancashire Squires Gate	11m.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9	1011.5	-2.7	4.8	0.6	7.9	90	6.1	2	3	1	12	10	0	0	0	0	2	0	8	8	7	3	0	0	5	11	11	1	0	1	5	2	4	3	9	3	
		15	1011.2	-	7.0	1.3	8.2	82	5.6	1	5	3	12	7	0	0	0	0	0	1	0	16	11	0	0	0	5	18	5	0	0	1	2	3	5	5	10	2	
		21	1011.0	-	5.3	0.7	8.0	89	5.7	3	3	2	8	12	0	0	0	0	0	1	7	9	11	0	0	0	5	12	9	2	1	0	3	4	3	3	11	1	
Speke	26m.	3	1011.5	-	4.7	0.9	7.4	86	5.3	3	4	1	18	2	0	0	0	0	0	1	7	9	11	0	0	0	5	18	9	2	1	0	3	4	3	3	11	1	
		9	1012.2	-	5.0	0.9	7.5	85	5.7	2	2	5	12	7	0	0	1	0	0	4	3	7	9	4	0	0	3	10	12	3	0	0	5	3	4	5	7	1	
		15	1011.7	-	7.3	1.7	7.9	78	5.6	0	1	11	5	0	0	0	0	0	0	0	4	6	8	8	2	0	7	18	3	0	0	1	4	3	5	3	10	2	
		21	1011.6	-	5.6	1.1	7.7	84	4.9	3	6	2	12	5	0	0	0	0	0	0	2	12	9	4	1	0	4	13	9	2	2	0	5	2	3	4	9	1	
Cheshire Ringway	76m.	3	1011.9	-	4.1	0.9	7.1	86	5.6	4	4	0	8	11	1	0	1	1	0	2	10	9	3	0	0	1	12	13	2	0	0	2	5	10	6	3	0		
		9	1012.5	-2.1	4.4	1.0	7.2	85	6.3	1	2	3	13	8	1	1	0	1	1	6	9	10	0	0	0	0	11	14	3	0	0	4	2	8	8	3	0		
		15	1012.0	-	6.8	0.9	7.2	73	6.0	1	1	6	14	6	0	0	1	0	1	0	2	14	7	3	0	0	3	14	10	1	0	0	6	2	5	3	10	1	
		21	1012.1	-	5.1	1.1	7.4	83	5.4	3	5	1	8	11	0	0	0	0	2	1	5	14	6	0	0	0	0	13	10	5	1	0	4	2	7	3	6	0	
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1010.8	-	5.8	0.9	8.1	86	5.1	6	2	5	2	13	0	0	0	0	0	0	7	8	13	0	4	6	10	5	3	0	0	4	1	3	10	4	3		
		9	1011.4	-2.9	5.7	1.0	7.9	85	5.1	3	3	8	9	6	0	0	0	0	0	0	3	10	13	2	3	7	8	8	2	1	2	1	3	5	7	5	2		
		15	1010.9	-	7.7	1.7	8.1	76	5.6	2	2	6	9	9	0	0	0	0	0	0	7	4	13	4	3	7	11	7	0	1	0	3	4	6	6	6	2		
		21	1010.7	-	6.2	1.1	8.1	84	5.2	6	2	3	5	12	0	0	0	0	0	0	9	3	13	3	1	7	8	12	0	2	0	4	4	3	6	8	1		
Caernarvon Bardsey Island	19m.	3	1011.3	-	6.9	0.7	9.0	90	5.2	6	1	5	5	10	1	0	0	1	0	0	1	9	17	0	5	8	11	3	1	2	0	1	4	2	8	7	3		
		9	1011.6	-	6.8	0.7	9.0	90	5.8	2	2	6	7	10	1	0	0	1	0	0	0	9	16	2	6	11	5	6	0	2	0	0	4	8	6	3	5		
		15	1011.1	-	7.7	1.0	9.1	86	6.1	1	1	8	7	11	0	0	0	0	0	0	1	7	16	4	4	11	10	2	1	2	0	0	7	5	7	1			
		21	1011.0	-	7.0	0.7	9.1	89	4.8	9	0	2	5	12	0	0	0	0	0	0	1	8	18	1	7	7	11	3	0	3	0	1	3	8	5	7	1		
8a SOUTH WALES																																							
Cardigan Aberporth	134m.	3	1012.6	-	5.0	0.6	7.8	87	4.8	5	3	4	6	10	0	0	0	0	0	0	8	12	7	1	1	4	14	7	2	1	0	1	4	6	9	3	2		
		9	1013.0	-2.1	5.1	0.7	7.6	85	5.3	5	1	6	5	10	1	0	0	0	1	1	2	5	10	8	1	3	4	11	10	0	1	0	3	4	5	8	5	2	
		15	1011.9	-	6.8	1.3	8.1	80	5.4	1	7	2	6	12	0	0	0	0	0	0	10	8	8	2	0	9	11	8	0	1	0	2	4	7	2	9	3		
		21	1012.2	-	5.3	0.9	7.8	86	5.4	4	4	2	6	12	0	0	0	0	0	0	12	9	5	2	0	8	11	9	0	2	1	3	4	2	11	4	1		
Pembroke Milford Haven C.B.	39m.	3	1013.3	-	6.6	1.1	8.3	84	4.6	8	0	6	5	9	0	0	0	0	0	0	1	11	12	3	0	0	6	11	7	4	2	0	3	2	2	8	5	2	
		9	1013.5	-	6.1	1.0	8.1	85	5.5	3	3	6	5	11	0	0	0	1	0	0	16	9	2	0	0	8	9	8	3	2	0	5	2	5	4	5	2		
		15	1012.7	-	8.0	1.6	8.4	78	5.3	1	7	2	10	8	0	0	0	0	0	0	14	10	4	0	1	5	13	9	0	2	0	4	5	2	5	8	2		
		21	1012.7	-	6.7	1.0	8.5	85	4.9	7	2	5	3	11	0	0	0	0	0	0	1	14	11	2	0	1	5	12	9	1	2	1	5	2	2	6	7	2	
Glamorgan Mumbles	37m.	3	1013.5	-	5.9	0.8	8.2	87	5.4	6	1	4	4	13	0	0	0	1	1	0	7	16	3	0	2	6	11	9	0	4	1	5	0	3	5	7	3		
		9	1014.0	-	5.9	1.0	7.9	84	5.4	2	3	6	7	9	1	0	1	2	0	1	12	9	2	0	2	8	8	9	1	3	1	6	1	4	2	8	2		
		15	1013.1	-	7.4	1.5	8.1	78	4.9	2	4	8	5	8	1	0	0	1	0	2	13	6	5	1	2	9	10	6	1	1	0	6	1	2	7	3			
		21	1013.2	-	6.6	1.1	8.3	84	4.3	7	6	1	5	7	2	0	0	3	0	0	1	5	14	3	2	1	8	13	6	0	5	2	4	2	5	8	0		
Rhoose	69m.	3	1013.9	-	4.7	0.5	8.0	92	5.6	3	4	2	7	11	1	0	0	2	0	2	8	9	4	3	2	1	10	14	1	2	1	4	2	1	4	8	5		
		9	1014.5	-	5.0	0.6	8.0	90	5.5	2	4	4	7	9	2	0	0	2	0	1	5	7	6	1	0	4	11	11	2	4	0	4	5	2	1	9	1		
		15	1013.6	-	7.1	1.2	8.4	83	5.4	0	7	6	5	10	0	0	0	1	0	2	8	7	6	4	0	5	13	10	0	0	0	4	4	2	4	13			



**TABLE VIII—NUMBER OF DAYS IN FEBRUARY 1967**  
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 .. ..	0	6	22	0	0	0	0	0	0	0	0	1	22	5	0	0	Edgbaston .. ..	0	4	20	4	0	0	0	0	0	0	0	0	4	19	5	0	0
Stornoway .. ..	0	0	26	2	0	0	0	0	0	0	0	2	20	6	0	0	Kew .. ..	0	2	15	11	0	0	0	0	0	0	0	2	14	11	1	0	
Craibstone .. ..	0	6	19	3	0	0	0	0	0	0	0	3	22	3	0	0	Hastings .. ..	0	2	21	5	0	0	0	0	0	0	0	4	13	11	0	0	
Rothsay .. ..	0	1	24	3	0	0	0	0	0	0	0	1	21	6	0	0	Southampton .. ..	0	0	13	15	0	0	0	0	0	0	0	7	12	9	0	0	
Abbotsinch .. ..	0	1	24	3	0	0	0	0	0	0	0	6	17	5	0	0	Stonyhurst .. ..	0	3	23	2	0	0	0	0	0	0	0	9	16	3	0	0	
Eskdalemuir .. ..	0	9	18	1	0	0	0	0	0	0	3	7	15	3	0	0	Bidston .. ..	0	3	19	6	0	0	0	0	0	0	1	21	6	0	0		
Douglas .. ..	0	2	24	2	0	0	0	0	0	0	0	1	23	4	0	0	Valley .. ..	0	1	24	3	0	0	0	0	0	0	3	12	13	0	0		
Cockle Park .. ..	0	6	20	2	0	0	0	0	0	0	0	7	20	1	0	0	Falmouth .. ..	0	0	16	12	0	0	0	0	0	0	1	19	8	0	0		
Gorleston .. ..	0	2	22	4	0	0	0	0	0	0	0	0	21	7	0	0	Aldergrove .. ..	0	1	24	3	0	0	0	0	0	0	5	18	5	0	0		
Cambridge .. ..	0	2	15	11	0	0	0	0	0	0	0	9	15	4	0	0	Armagh .. ..	0	0	21	7	0	0	0	0	0	0	6	19	3	0	0		

**TABLE XIII—SOLAR RADIATION AND ILLUMINATION, FEBRUARY 1967**

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 .. ..	165	23	5	17	58.6	28	104	24	5	17	43.5	28	183	23	7	17	66.5	28
Eskdalemuir .. ..	(249)	23	11	27	104.4	28	122	24	11	27	64.6	28	(269)	23	16	27	114.9	28
Cambridge .. ..	276	28	42	17	142.3	28	142	26	42	17	85.6	28	-	-	-	-	-	-
London W/Centre ..	219	28	26	1	118.6	28	194	28	26	1	77.3	28	223	23	30	1	120.4	28
Kew .. ..	237	23	33	1	126.5	28	137	24	33	1	79.7	28	258	23	40	1	137.6	28
Bracknell .. ..	244	23	28	1	140.7	28	153	24	28	1	86.5	28	266	23	36	1	154.2	28
Aberporth .. ..	285	23	36	27	155.8	28	156	24	36	27	82.4	26	-	-	-	-	-	-

**TABLE II—ADDITIONS AND CORRECTIONS**

YEAR	MONTH	STATION	HEIGHT OF VANE IN METRES			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		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 (hr)	No. of days	Duration in Hours			Veer from N	Speed in knots	Hour ended at day hour	Veer from N		Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1966	Mar. -Dec.	Cranwell	250	40	40																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

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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.784



Volume 84 Number 3

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### March 1967 — Generally mild, unusually stormy in Scotland

Weather was mainly cyclonic in character until the 12th and from the 25th to the 30th, although pressure was high to the south of the country for most of the first week. Anticyclones off our south-west coasts dominated the weather for most of the remainder of the month.

During the first four days a series of deep Atlantic depressions moved rapidly north-eastwards in the region of Iceland. In Scotland weather was stormy with westerly gales and heavy thundery showers or with periods of more continuous rain, but in England and Wales it was mainly sunny and dry. Temperature everywhere was well above average. A trough moving eastwards across the country brought slight rain or drizzle to most districts on the night of the 4th/5th. After a generally sunny day in the ridge following the trough, with more than 8 hours of sunshine in parts of the south-west, another Atlantic depression, on a somewhat more southerly track than recent disturbances, deepened during the night of the 5th/6th as it moved north-eastwards towards the Faroes, and stormy weather was renewed in Scotland. Wind reached 80 kt in gusts in the Hebrides and a fall of as much as 68 mm of rain was recorded at Sloy, Dunbartonshire. On the 7th a cold front associated with another depression on a similar track brought rain to most districts as it moved eastwards across the country.

The next day stormy weather began to affect southern England as a depression deepened in the Bay of Biscay. Rainfall exceeded 30 mm in parts of Cornwall on the 8th, and rain became widespread on the 9th as the depression moved northwards over the British Isles reaching eastern Scotland around midnight. Gales were widespread in the English Channel and in southern districts on the 9th and they continued on the 10th and 11th in the showery westerly airstream behind the depression. By this time temperature in most districts was slightly below the seasonal normal. Another depression deepened rapidly as it approached the western English Channel on the 12th but this moved eastwards into northern France bringing rain and snow to much of southern England.

After a showery day with north-westerly winds on the 13th, weather over most of England and Wales became fine and rather warm as an anticyclone from our South-West Approaches moved eastwards into France, although troughs associated with a deep depression near Iceland brought heavy rain to western Scotland late on the 14th. Behind the troughs there were scattered showers on the 15th. Thereafter until the 23rd, an anticyclone became almost stationary off our south-west coasts, and weather over England and Wales was generally sunny and dry for most of this time except for some rain and drizzle on the 17th and 22nd as weak troughs crossed the country. Temperatures were generally above the average and at many places in eastern England afternoon temperatures were as much as 9°C above average on the 21st. In Scotland and Northern Ireland, however, weather was rather changeable with occasional rain and with wind reaching gale force at times.

The weather pattern changed on the 24th as the anticyclone off our south-west coasts moved eastwards into Europe. A trough approaching Scotland from the Atlantic gave exceptionally heavy rain in parts of Inverness-shire and Wester Ross; Kinlochewe recorded 88 mm in 24 hours. Rain spread to most of the country the next day, and by the 26th a complex low-pressure system had become established to the north and north-east of the British Isles and a northerly airstream from high latitudes brought a progressive fall of temperature in all districts with wintry showers of hail or snow.

**Pressure and Wind** — Mean pressure was below the 1931-60 average in the north but above in the south of the British Isles, the deviation at 09h ranging from -16.4 mb at Lerwick to +5.9 mb at Scilly. Surface winds, westerly at first, were mainly west to south-west from the 4th to the 14th and then mainly west to north-west until the 23rd. South-west-erlies on the 24th and 25th slowly veered to north during the remainder of the month. It was an exceptionally windy month in Scotland with wind reaching gale force nearly every day. On the 6th a gust of 125 kt

was recorded in the Cairngorms (1074 m) the highest wind speed ever recorded in the United Kingdom. Gales were widespread in southern England on the 9th and 10th.

**Temperature** — Mean temperature was generally above the 1931-60 average but it was below around the 13th and during the last week of the month; early morning frost was recorded at a number of places. The warmest days were around the 21st.

**Extremes included:** (England and Wales) 19.4°C at Caldecott and Monkswood on the 21st, -7.3°C at Great Dun Fell on the 31st; (Scotland) 17.2°C at Dyce on the 21st, -7.2°C at Balmoral on the 13th and at Leadhills on the 31st; (Northern Ireland) 16.1°C at Stormont Castle and Armagh on the 21st, -3.9°C at Loughermore Forest, Lisnafillan and Greenmount on the 31st.

**Rainfall** — A feature of the month was the unusually heavy rainfall in north-west Scotland where parts of Inverness-shire and Wester Ross had more than four times their average. In eastern Scotland rainfall was below the average as it was over most of England and Wales except parts of the north-west and south of an approximate line from Bristol to London.

Snow and sleet showers were observed in Scotland on most days during the first half of the month and also during the last week. They fell in England and Wales mainly around the 11th and between the 26th and 31st when some of the higher ground became snow-covered for a time.

Thunder was heard in England and Wales on the 1st, 8th-11th, 15th and 26th-30th (11 days). Thunderstorms were fairly widespread on the 10th. They were reported in Scotland on 13 days.

**Sunshine** — Sunshine was above average except in the north-west of the United Kingdom. In parts of west and north-west Scotland there were deficits of 50 hours whereas in the east and south excesses of the same magnitude were recorded. In England and Wales sunshine was greater in the east and Midlands than in the west, percentages of the local average ranging from 189 at Sheffield to 91 at Morecambe. It was the sunniest March at Rotherham since records began there in 1948.

**Fog** — Fog at 09h occurred in Scotland on only two days. In England and Wales it was reported from one place or another on 11 days, but was frequently hill fog associated with low cloud and drizzle.

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

TABLE I—DISTRICT VALUES, MARCH, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN- FALL	SUN- SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	13.1	-3.9	+0.3	+0.1	+0.2	+0.6	+0.8	+9	259	91
1 SCOTLAND, E.	16.7	-2.2	+1.0	+1.2	+1.0	+0.8	+0.5	0	91	133
2 ENGLAND, N.E.	17.8	-2.2	+1.5	+1.7	+1.6	+1.3	+0.6	-2	71	122
3 ENGLAND, E.	17.8	-1.7	+1.9	+1.8	+1.8	+1.3	+0.9	-3	63	141
4 MIDLANDS	18.4	-1.1	+1.3	+1.6	+1.5	+1.2	+1.0	-1	87	158
5 ENGLAND, S.E.	17.8	-3.7	+1.3	+1.4	+1.3	+1.1	+0.9	-1	112	136
6 SCOTLAND, W.	13.9	-4.4	0.0	+1.0	+0.5	+1.0	+0.4	+8	149	104
7 ENGLAND, N.W. and N. Wales	17.4	-3.3	+0.3	+1.6	+0.9	+1.2	+0.9	+1	80	128
8 ENGLAND, S.W. and S. Wales	16.1	-1.7	+0.4	+1.0	+0.7	+0.9	+0.8	+1	105	132
N. IRELAND	16.1	-3.1	-0.2	+0.8	+0.3	-	-	+7	131	100
SCOTLAND	16.7	-4.4	+0.4	+0.8	+0.6	-	-	+6	205	109
ENG. and WALES	18.4	-3.7	+1.1	+1.5	+1.3	-	-	-1	97	136

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH

1967

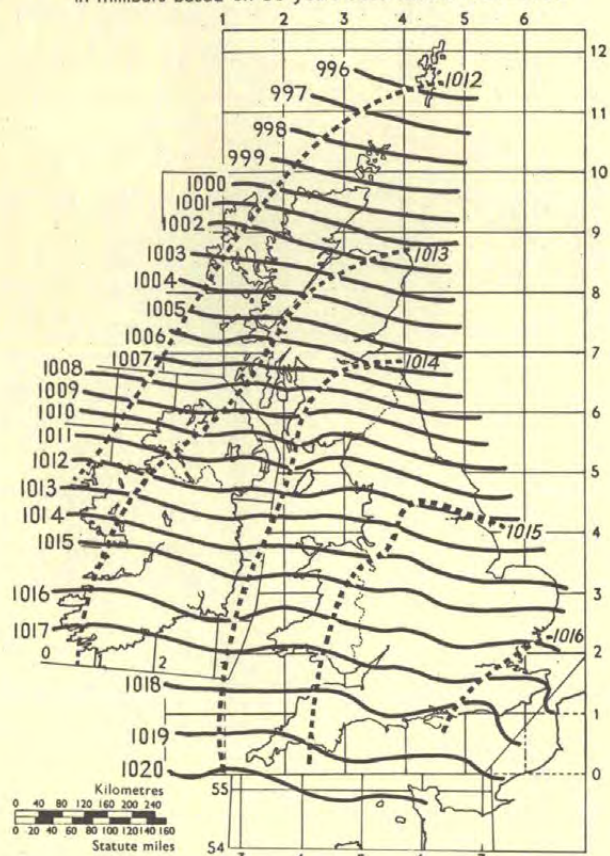
DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VELOCITIES								
		Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		No Record	Mean Hourly Wind Speed in knots	HIGHEST HOURLY WIND			HIGHEST GUST			
					Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours									Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0	Zetland	Lerwick	93	10	10	1,4-6,8-10,13-15,17-19	99	24	285	242	80	38	0	21.3	240	53	6	15	240	77	6	1415	
	Orkney	Kirkwall	41	15	10	1-3,6,9,11,12,14,15,17-22	101	25	261	286	87	9	0	21.9	250	51	6	12	290	80	19	1210	
	Caithness	Dounreay	34	12	9	1-3,6,8,9,11,12,14-21,23	108	28	307	301	27	0	1	23.4	300	50	2	08	300	76	2	0700	
		Wick	45	10	10	2,6,9,17-19,21	25	22	183	396	116	24	0	17.3	280	42	2	08	300	78	18	0110	
	Sutherland	Shin	24	10	10																		
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	2,3,5-8,14,16-19,21	61	28	312	274	73	24	0	21.1	210	41	6	09	190	78	6	0230	
	Inverness	Duirinish	38	20	17																		
		Benbecula	16	10	10	1,2,5-7,15,17-19,28,29	65	28	362	248	56	13	0	22.4	280	43	17	17	270	73	17	1445	
		Fort Augustus (N.S.H.E.A.)	58	16	16		0	6	30	385	235	94	0	11.0	220	30	6	05	220	58	6	0410	
		Cairngorm	1074	9	9	1-7,9-22,24-27	309	26	216	120	60	5	34	30.2	220	63	14	23	260	125	6	0835	
1	Moray	Kinloss	17	13	13	6,14,15,17,19,21	21	28	277	346	88	12	0	19.2	290	41	17	24	280	64	17	2310	
		Lossiemouth	31	24	18	2,6,7,12,17,19,21	7	26	213	392	114	18	0	17.2	270	36	17	24	280	68	2	0815	
	Aberdeen	Dyce	71	9	9	-	0	21	141	460	123	20	0	15.8	290	33	12	11	290	62	19	1200	
	Angus	Bell Rock	39	40	38																		
	Perth	Rannoch	307	17	17	2,6,11,14-17,19,21,24	32	26	316	228	71	46	51	20.0	230	46	6	06	240	76	6	0420	
		Tummel Bridge	161	16	16	-	0	8	27	348	266	92	11	10.6	260	29	11	13	240	57	14	2340	
	Fife	Leuchars	24	12	12	11,19	3	26	257	385	91	8	0	18.5	290	34	19	13	290	54	19	1525	
	West Lothian	Forth Road Bridge	72	-	72	1-3,5,6,9,11,12,14,15,17	102	28	384	150	64	9	35	24.3	240	46	21	14	220	69	6	0315	
	Midlothian	Turnhouse	42	12	10	21	2	25	239	385	90	28	0	17.7	250	36	21	14	220	61	6	0305	
		Edinburgh, Blackford Hill	151	15	10	Ø																	
6a	Argyll	Tiree	27	18	14	1,2,5-8,10-12,14,16-19	106	28	380	218	28	12	0	24.1	210	49	6	05	200	79	6	0005	
	Dunbarton	Cumbernauld	166	10	10																		
	Renfrew	Paisley	57	25	9	-	0	11	49	441	182	71	0	12.3	210	29	7	10	250	58	6	0410	
		Abbotsinch	16	10	10	3,6,14,19,21	9	28	287	335	97	16	0	16.7	290	35	19	13	290	61	19	1200	
	Lanark	Lowther Hill	736	13	10	1-4,6,7,11,14,15,17-21,23,25	84	25	340	220	83	14	3	22.6	320	62	19	17	330	86	19	1745	
	Ayr	Hunterston	13	9	9	6,11,17,19,26	10	29	249	351	87	47	0	17.5	210	38	6	06	180	63	6	0150	
		Prestwick	21	10	10	-	0	19	121	504	87	32	0	15.6	250	31	11	20	270	57	17	2215	
	Dumfries	Chapelcross	94	15	15	-	0	12	34	562	125	23	0	14.0	220	31	6	03	230	53	6	0335	
		Eskdalemuir	251	15	11	6,17,19,21	6	21	155	398	123	62	0	15.3	300	39	19	09	300	65	19	0900	
	Wigtown	West Freugh	25	10	10	19	7	19	130	472	99	4	32	16.3	310	44	19	14	310	67	19	1625	
6b	Isle of Man	Ronaldsway	25	10	10	6	2	24	265	382	77	18	0	18.5	200	34	6	03	270	55	11	1715	
		Point of Ayre	20	10	10	6,11,12,14,15,17,19,29	20	28	363	311	47	3	0	21.0	280	39	19	15	220	56	14	2330	
2	Durham	Durham	119	16	10	15,17	9	21	159	397	145	32	2	16.2	300	41	17	11	300	72	17	1020	
		South Shields	22	17	13	-	0	14	81	454	189	20	0	14.3	280	31	17	12	230	58	17	1410	
	Yorks, N.R.	Leeming	42	10	10	17	6	21	135	438	149	16	0	15.8	280	45	17	12	280	62	17	1150	
		Silpho Moor	207	15	9	*																	
	Lincoln	Cranwell	76	12	12	-	0	13	74	442	173	14	41	14.3	250	32	17	10	250	49	17	0945	
		Binbrook	118	10	10	17	1	23	214	435	87	7	0	17.7	280	34	17	16	230	50	9	2200	
		Manby	26	10	10	-	0	10	37	538	162	7	0	14.1	240	26	9	23	290	46	2	1250	
3	Norfolk	Gorleston	16	13	13	*																	
	Suffolk	Mildenhall	30	25	18	-	0	4	17	417	292	18	0	11.9	230	25	9	21	230	47	9	2100	
	Bedford	Bedford	98	13	9	-	0	13	70	486	180	8	0	14.3	320	31	19	10	300	50	28	1300	
		Cardington	69	41	41	9	1	23	184	475	79	5	0	17.2	230	37	9	21	230	50	9	2045	
	Hertford	Garston	94	15	10	-	0	1	1	247	464	32	0	9.3	330	22	19	11	300	42	28	1405	
		Rothamsted	141	13	10	-	0	0	0	223	489	32	0	9.1	250	20	9	21	230	44	9	1940	
	Essex	Stansted	107	9	9	-	0	10	49	474	202	19	0	13.0	230	27	9	22	310	43	28	1400	
		Coryton	20	17	15	-	0	2	3	241	452	46	2	8.8	170	24	9	17	190	49	10	0250	
		Shoeburyness	36	32	28	9,10	10	16	91	544	96	2	1	16.1	180	44	9	17	270	62	11	1250	
4	Yorks, W.R.	Shellfield	162	25	11	Ø																	
	Warwick	Edgbaston	196	36	22	-	0	6	14	392	332	6	0	12.0	290	23	19	07	310	42	19	1555	
		Elmdon	105	9	9	-	0	12	61	495	180	8	0	14.0	290	30	18	03	290	55	18	0330	
	Buckingham	Amersham	152	15	15	-	0	0	0	293	367	36	48	10.0	210	20	10	02	240	45	11	1145	
	Stafford	Keele	215	15	10	-	0	3	11	337	361	35	0	10.4	330	27	19	10	320	53	18	0545	
	Worcester	Pershore	47	10	10	-	0	15	89	454	174	27	0	14.1	350	30	19	10	340	47	19	0920	
	Gloucester	Avonmouth	28	19	10	9,11	2	18	127	465	133	17	0	15.3	260	35	9	19	300	58	11	0955	
5	Greater London	London W/Centre	93	70	38	-	0	4	17	560	167	0	0	13.2	180	26	9	16	180	46	9	1555	
		Heathrow	35	10	10	-	0	6	18	419	297	10	0	11.7	170	27	9	16	170	44	9	1540	
		Hampton	42	31	30	-	0	4	22	396	301	25	0	11.5	220	26	10	13	170	55	9	1545	



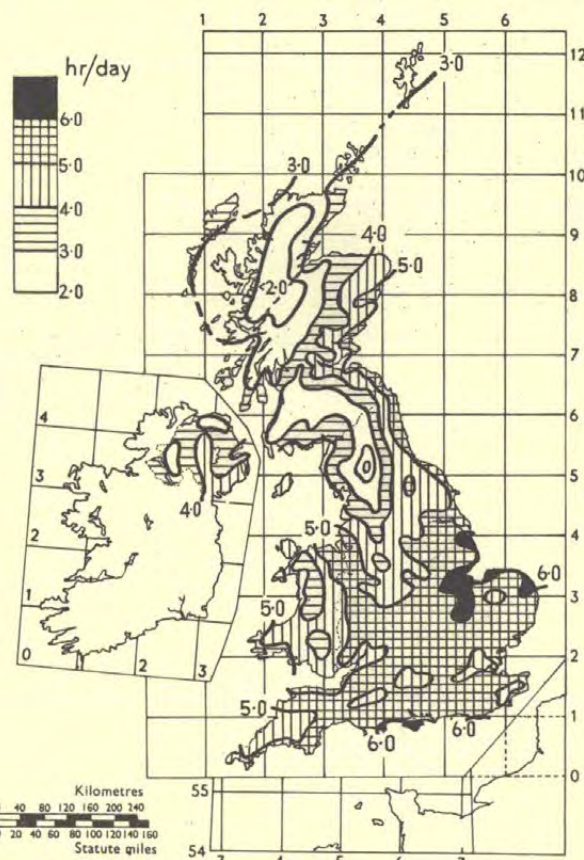
# MONTHLY WEATHER CHARTS MARCH 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

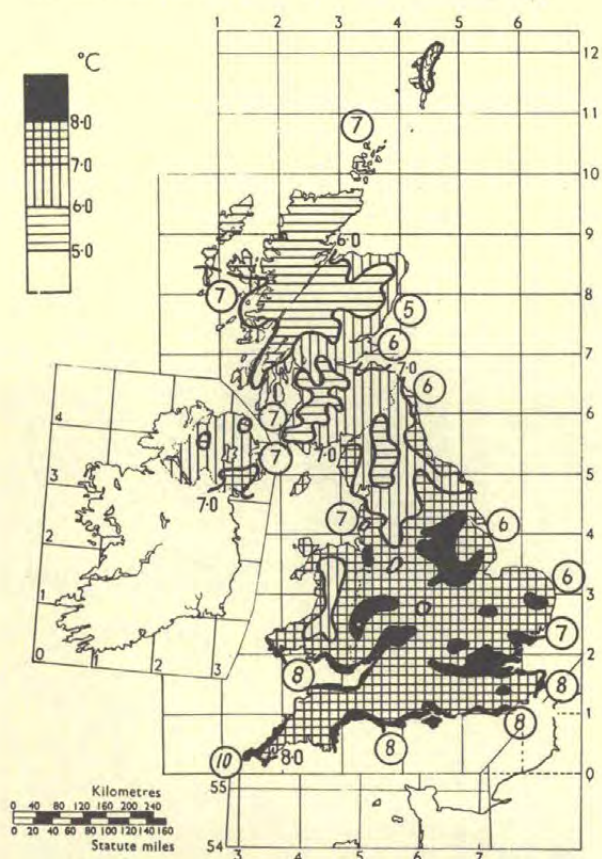


## BRIGHT SUNSHINE

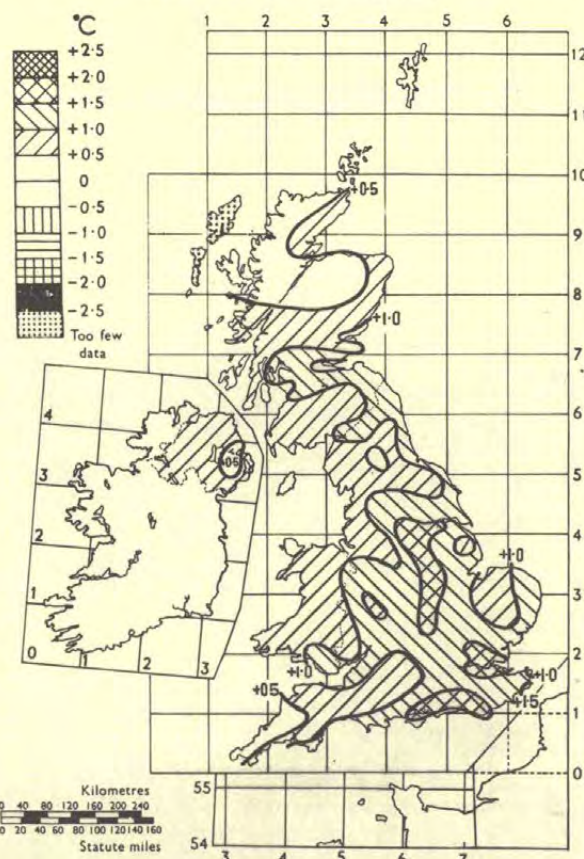


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE (based on 1931-1960 averages)





# RAINFALL MARCH 1967

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

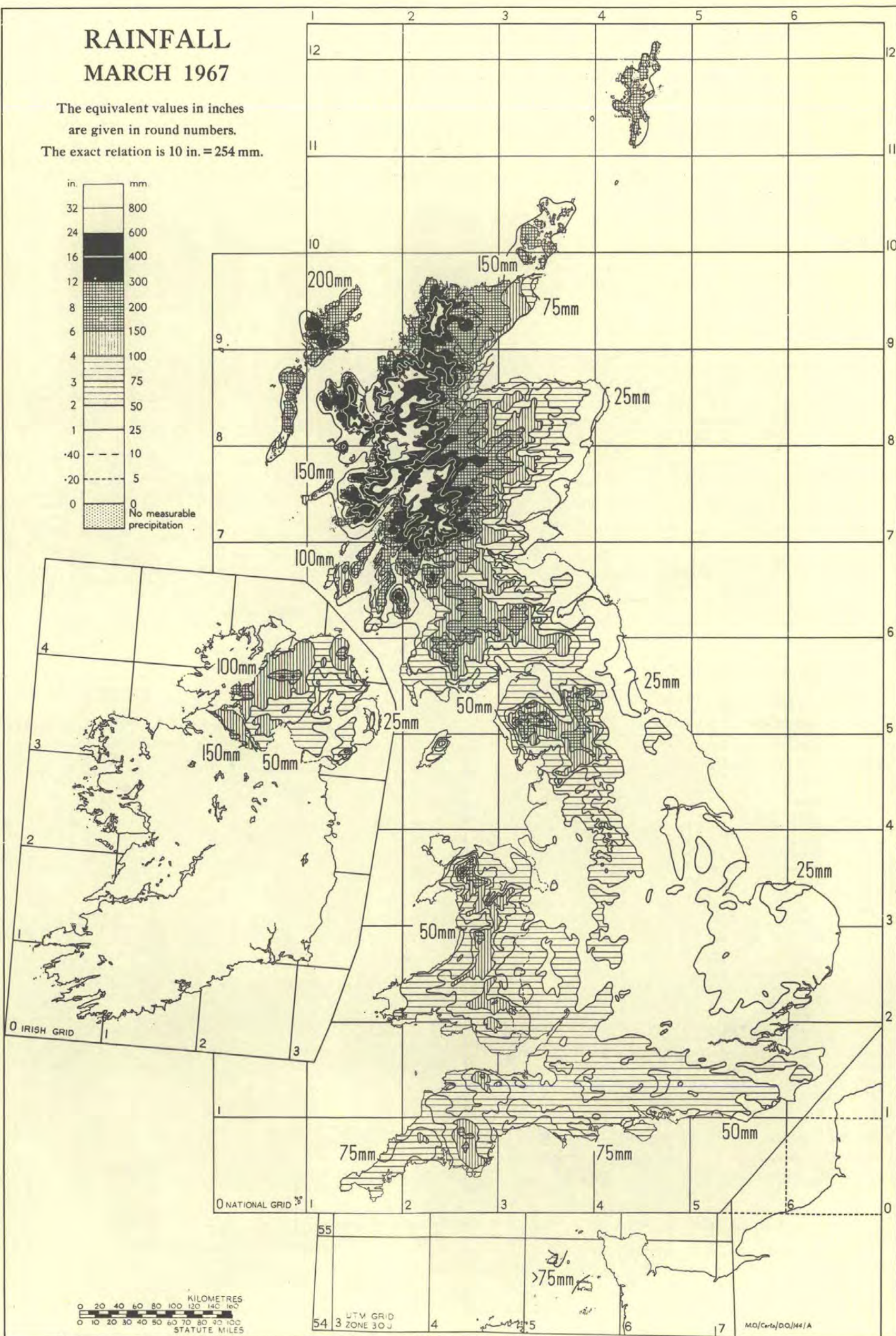
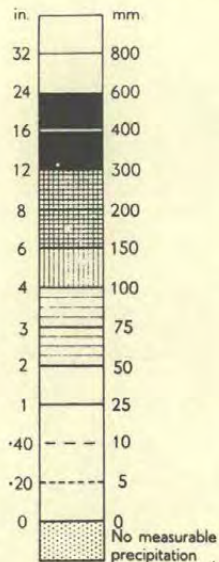




TABLE III

—SUMMARY OF DAILY OBSERVATIONS

MARCH

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																		
0 SCOTLAND, N.																																
Zetland	Hamnavoe	99	21	7.4	2.7	5.1	-	10.0	21	-0.6	24,25,31	-	-	168	-	15	14	31	23	15	1	4	9	1	0	5	-	19	2.91	-	-	
	Lerwick	99	82	6.5	2.2	4.3	+0.4	9.8	21	-2.6	24	-	-	193	212	18	14	30	25	16	3	5	11	2	0	5	14	20	2.88	99	-	
Orkney	Baltasound	99	24	7.4	1.7	4.5	-	10.6	21,25	-2.2	24,27	4.7	-	136	145	14	24	30	28	18	1	3	0	0	6	-	21	2.46	-	-		
	Sule Skerry	99	13	7.4	4.2	5.8	-	10.0	21	0.0	30	-	-	163	-	17	24	28	24	5	1	9	0	1	0	0	4	20	-	-		
	Stenness	99	23	7.9	2.2	5.1	-	11.1	4	-0.6	31	4.8	5.4	141	210	19	9	29	24	9	0	1	1	1	0	4	12	14	3.03	-	-	
	Evie	99	34	7.8	1.9	4.9	-	11.1	25	-1.1	31	-	-	156	-	19	24	29	24	-	-	-	-	0	1	18	-	3.78	-	-		
Caithness	Kirkwall	99	26	7.4	2.6	5.0	+0.2	11.0	25	-0.6	31	-	-	156	229	20	24	28	26	19	0	16	0	2	0	1	15	17	3.21	98	-	
	Dounreay	99	21	8.8	1.9	5.3	-	12.8	21	0.0	9,26,31	-	-	140	-	13	14	25	20	4	2	1	0	1	1	0	10	17	-	-		
	Wick	99	36	8.0	2.4	5.2	+0.4	13.1	21	-1.9	31	-	-	88	191	9	1	26	21	12	1	1	9	0	0	6	15	8	3.76	105	-	
	Cape Wrath	99	112	6.5	2.6	4.5	-0.8	10.5	7	-1.0	30	-	-	199	273	29	24	30	30	5	2	12	0	0	1	2	6	18	2.97	-	-	
Sutherland	Achfary	99	46	8.6	1.4	5.0	-	13.3	4	-3.9	13	4.3	4.7	194	269	23	2	31	26	20	8	10	0	3	0	8	19	4	3.48	-	-	
	Achany	99	85	8.2	1.6	4.9	+0.2	12.8	21	-2.2	31	-	-	172	242	15	9	28	27	17	2	1	5	2	0	7	-	1	2.65	82	-	
Ross & Cromarty	Stornoway	99	3	8.2	2.6	5.4	-0.3	11.9	21	-3.8	9	-	-	202	348	23	14	30	26	14	1	5	9	2	0	5	11	10	3.28	94	-	
	Balmacara	99	4	8.8	3.1	5.9	-	11.7	20	-2.8	31	-	-	360	-	53	24	29	28	5	2	1	3	2	0	2	-	2	-	-	-	
	Poolewe	99	6	8.8	3.6	6.2	-	12.2	7	-1.7	31	-	-	261	261	46	24	29	29	-	-	-	-	0	2	16	-	2.37	-	-	-	
	Rudh Re	99	16	7.3	3.1	5.2	-	10.2	21	-0.9	31	-	-	-	-	-	-	-	-	2	0	1	0	0	0	2	4	9	-	-	-	
	Inverpoll	99	14	8.5	2.9	5.7	-	12.2	7	-2.2	31	5.5	-	213	-	32	24	30	28	13	1	8	4	5	-	3	5	6	-	-	-	
	Achnashellach	99	67	7.8	1.7	4.7	-0.5	11.7	6	-3.9	31	-	-	580	408	79	24	31	29	10	2	2	1	1	0	4	-	1	-	-	-	
	Kinlochewe	99	23	8.8	2.3	5.5	-0.2	13.9	7,20	-4.4	31	5.3	-	591	428	88	24	29	28	15	2	13	0	5	2	3	13	11	1.34	-	S	
	Fortrose	99	5	8.4	3.2	5.8	+0.4	12.8	21	-0.6	30,31	-	-	88	232	22	2	25	19	6	1	0	0	0	0	1	-	2	3.21	92	-	
Inverness	Tarbatness	99	18	8.2	2.6	5.4	+0.4	14.0	20,21	-1.0	9,13,15	-	-	67	231	13	9	25	14	6	0	0	0	0	0	3	-	6	-	-	-	
	Benbecula	99	6	8.3	3.6	5.9	-0.1	11.6	21	-1.9	31	-	-	168	263	19	14	29	27	7	1	8	9	1	0	4	7	14	3.03	-	-	
	Isle of Rhum	99	5	8.6	3.2	5.9	-	10.6	6,14,20	-2.2	9,31	6.1	6.8	371	254	54	24	29	27	4	0	17	3	3	0	2	11	15	-	-	-	
	Prabost	99	67	8.1	2.2	5.1	-	10.6	21	-1.1	29,31	-	-	369	315	59	24	30	28	9	5	5	13	2	1	4	15	22	2.47	-	-	
	Duntulm	99	90	8.7	2.8	5.7	0.0	11.1	6,7	-3.9	31	-	-	434	312	60	24	30	28	-	0	-	-	-	3	3	9	-	1.93	64	S	
	Onich	99	15	8.8	2.9	5.9	-	11.7	6,7	-3.9	31	5.3	5.6	409	-	75	24	29	27	8	0	0	4	1	0	3	7	8	1.38	-	S	
	Fort William	99	8	8.2	2.5	5.3	0.0	11.7	21	-2.8	31	-	-	296	-	44	24	30	25	5	0	1	1	0	0	5	-	3	1.74	-	-	
	Fort Augustus	99	21	8.2	1.3	4.7	-	12.8	21	-5.0	13	-	-	310	413	33	5	29	25	14	4	0	7	0	0	8	18	1	-	-	-	
	Cannich	99	107	8.2	1.3	4.7	-	12.8	21	-5.0	13	-	-	310	413	33	5	29	25	14	4	0	7	0	0	8	18	1	-	-	-	
	Inverness	99	4	8.9	2.7	5.8	-	13.9	21	-2.8	31	-	-	107	306	14	1	24	18	5	0	0	0	0	1	1	9	1	3.03	-	-	
	Coire Cas Shieling	99	762	9.1	2.2	5.6	-	13.9	21	-2.8	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cairngorm	99	1090	9.1	2.2	5.6	-	13.9	21	-2.8	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	99	305	9.1	2.2	5.6	-	13.9	21	-2.8	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Glenmore Lodge	99	341	9.1	2.2	5.6	-	13.9	21	-2.8	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND, E.																																
Nairn	Nairn	99	6	9.1	3.1	6.1	+0.8	13.3	7,20,21	-2.2	9	-	-	78	223	13	1	28	17	6	0	2	0	0	0	2	10	9	3.46	95	-	-
	Grantown-on-Spey	99	221	7.7	0.9	4.3	-	12.2	21	-6.1	13	-	-	84	-	10	10	25	18	16	8	0	0	0	0	11	-	0	-	-	-	-
Moray	Forres	99	47	8.9	2.4	5.7	+0.4	13.3	4,20	-1.7	9,13	4.8	5.0	67	197	11	1	22	16	5	1	1	0	0	0	7	14	0	3.00	82	-	-
	Kinloss	99	5	9.1	2.9	6.0	+0.9	14.0	20	-3.0	9,31	5.1	-	71	222	11	28	24	17	14	0	0	7	0	0	6	11	9	3.34	-	-	-
	Elgin	99	15	9.3	2.8	6.1	-	14.4	20,21	-1.7	8,13	-	-	72	206	10	9	19	18	1	0	0	0	0	0	2	10	1	4.13	-	-	-
	Lossiemouth	99	6	9.1	2.2	5.7	+0.5	13.9	20,21	-3.3	13	-	-	69	197	10	9	18	17	10	0	0	5	0	0	5	12	9	-	-	-	-
	Gordon Castle	99	32	9.2	2.8	6.0	+0.7	13.9	7,20,21	-0.6	9	-	-	68	158	9	9	20	16	7	0	1	0	0	-	1	-	0	3.63	103	-	-
	Glenlivet	99	215	7.5	1.8	4.7	-	12.7	20	-4.2	13	-	-	99	-	16	28	25	21	14	8	0	0	0	0	11	22	2	3.84	-	-	-
Banff	Banff	99	24	9.3	3.1	6.2	-	14.4	20,21	0.0	12	-	-	49	-	7	12	18	14	7	1	0	0	0	0	-	8	3.54	-	-	-	
	Braemar	99	339	6.5	0.4	3.5	+0.7	11.7	21	-5.6	13	-	-	108	189	13	10	26	19	-	8	-	-	-	0	14	16	-	3.48	-	-	-
Aberdeen	Balmoral	99	283	6.9	-0.1	3.4	+0.4	11.7	20,21	-7.2	13	-	-	95	183	20	9	25	17	15	9	0	0	1	-	15	22	2	-	-	-	-
	Dinnet	99	177	8.8	1.4	5.1	-	15.0	21	-4.4	9	4.5	-	61	-	20	9	17	13	2	2	0	0	0	0	6	20	4	5.38	-	-	-
	Huntly																															



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1936-50 average	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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				30 cm.	122 cm.			Date	Date	30 cm.	122 cm.	Date	Date				0.2 mm. or more	1.0 mm. or more													0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Most in a Day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Glass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. by GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more														
4 MIDLAND COUNTIES																																	
Yorks.	Slaidburn ...	9 9	192	8.0	3.1	5.5	-	11.1	21	-2.8	31	-	-	71	77	12	25	26	18	6	0	1	0	0	0	2	9	0	3.34	-	-		
W. Riding	Malham Tarn ...	9 9	395	5.7	1.2	3.5	-	9.4	19	-3.9	31	4.6	-	94	106	13	9	27	21	8	0	6	0	0	1	7	18	0	-	-	-		
	Huddersfield §	9 9	99	(9.8)	4.2	(7.0)	-	15.6	21	0.0	31	5.8	6.1	53	100	11	8	17	11	-	0	-	-	0	0	3	-	4.58	187	-	-		
	" Oakes	21-9	235	8.6	3.0	5.8	-	14.7	21	-1.9	31	5.3	5.6	67	105	9	9	20	15	7	0	1	6	5	0	2	16	13	4.37	149	-	-	
	Bradford ¶€	9 9	134	9.0	5.7	6.3	+1.3	13.9	21	-1.1	31	5.6	5.6	52	96	9	8	18	14	6	0	4	1	1	0	1	5	4	-	-	S		
	Ilkley ...	9 9	96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Sheffield ...	9 9	131	10.2	4.2	7.2	+1.5	17.8	21	-0.6	31	5.9	6.1	58	114	23	9	15	9	5	0	0	0	0	-	1	5	0	5.34	189	-	-	
	Pontefract ...	9 9	78	9.8	4.6	7.2	+1.8	15.6	21	0.6	31	-	-	31	89	13	9	13	6	0	0	1	0	0	0	0	2	0	-	-	-		
	Bramham ...	9 9	54	9.9	3.7	6.8	-	15.0	21	-1.7	31	-	-	35	75	12	9	12	10	4	0	0	1	0	0	1	6	0	4.58	-	-		
	Cawood ...	9 9	6	10.5	4.1	7.3	-	15.6	21	-2.2	31	5.8	6.1	35	95	15	9	13	6	0	0	0	0	0	0	2	8	3	5.29	-	-		
	Askham Bryan ...	9 9	34	10.2	4.2	7.2	-	14.4	21	-0.6	31	-	-	35	92	15	9	7	6	1	0	0	0	0	0	1	9	0	4.60	146	-	-	
Derby	Buxton ... €	9 9	307	7.7	2.6	5.1	+1.1	15.0	21	0.0	27,28,29	4.1	5.0	84	115	17	9	20	12	6	0	0	0	0	0	1	6	5	-	-	-		
	Derby ...	9 9	48	10.9	4.6	7.7	-	17.2	21	-0.6	31	-	-	35	76	9	25	10	8	3	0	0	1	0	0	1	2	0	5.25	-	-	-	
	Morley' ...	9 9	107	10.2	3.8	7.0	-	16.1	21	-1.7	31	-	-	37	79	11	8	10	8	2	0	0	1	0	-	2	16	1	5.12	-	-	-	
	Chesterfield ...	9 9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	9 9	48	10.8	4.1	7.5	+1.9	17.2	21	-0.6	30,31	6.3	6.6	33	92	13	8	11	5	1	0	1	0	1	0	2	15	0	5.65	172	-	-	
	Watnall ...	21-9	118	10.5	3.6	7.1	+1.5	16.6	21	-1.6	31	-	-	37	84	10	8	11	8	4	0	2	3	1	0	2	11	0	4.60	140	-	-	
	Nottingham T.C.*	9 9	48	10.8	4.2	7.5	-	17.2	21	-1.1	30	-	-	31	-	13	8	10	4	-	-	-	-	-	1	3	8	-	(4.65)	-	-	-	
	Mansfield	9 9	110	10.3	4.2	7.3	+1.7	16.7	21	-0.6	31	6.1	-	43	95	15	8	11	7	5	0	0	0	0	0	1	3	0	-	-	-	-	
	Nottingham ¶§	9 9	59	10.9	4.3	7.6	+1.6	17.2	21	-0.6	30	6.1	6.1	31	84	11	8	10	7	4	0	2	0	0	0	0	1	3	0	4.77	161	-	-
	Warsop ...	9 9	46	-	3.6	-	-	-	-	-1.1	30	-	-	35	92	13	8	14	7	0	0	0	0	0	0	2	13	0	5.45	-	-	-	
Leicester	Finningley	21-9	10	11.3	4.8	8.1	+2.3	18.0	21	-0.3	31	-	-	27	-	7	9	11	6	1	0	0	0	0	0	1	5	0	5.15	-	-	-	
	Newtown Linford	9 9	119	10.6	3.4	7.0	-	17.8	21	-0.6	31	-	-	42	95	16	8	11	7	1	0	0	2	2	0	2	13	0	5.31	-	-	-	
	Caldecott ...	9 9	53	11.7	2.9	7.3	-	19.4	21	-2.8	31	-	-	35	97	15	8	12	7	-	0	-	-	-	0	4	12	-	5.72	-	-	-	
	Bugbrooke Mills	9 9	69	(10.8)	(3.4)	(7.1)	-	17.2	21	-2.8	31	6.3	6.7	38	100	18	8	11	7	-	0	-	-	-	0	3	-	-	5.54	-	-	-	
Northampton	Raunds ... ¶§€	9 9	59	11.4	3.2	7.3	+1.9	18.3	21	-1.1	30,31	6.6	6.6	30	81	14	8	12	5	3	0	1	0	1	0	2	11	0	5.73	163	-	-	
Warwick	Birmingham K.E.S.**	9 9	137	10.3	3.8	7.1	-	17.8	21	-0.0	30,31	-	-	63	131	23	8	13	9	2	-	0	2	0	1	2	-	0	-	-	-	-	
	Edgbaston ...	21-9	163	9.9	4.0	6.9	+1.0	18.0	21	0.5	31	6.4	7.5	54	113	23	8	12	7	4	0	6	0	0	0	0	9	0	4.85	153	-	-	
	Luddington ...	9 9	42	11.2	3.7	7.5	-	18.3	21	-2.2	31	-	-	47	131	17	8	10	8	0	0	1	2	0	0	3	12	0	5.73	-	-	-	
	Stratford on Avon	9 9	49	11.8	3.0	7.4	-	18.3	21	-3.3	30,31	6.9	-	56	137	17	8	14	12	3	0	2	1	0	0	5	18	1	5.53	-	-	-	
	Elmdon ...	21-9	97	10.6	3.6	7.1	+1.5	18.0	21	-2.7	31	-	-	49	114	19	8	13	7	3	0	6	0	0	0	2	10	1	5.05	-	-	-	
	Shipston on Stour	9 9	111	10.6	3.6	7.1	-	17.2	21	-0.6	30,31	6.3	-	44	105	18	8	11	7	2	0	4	0	0	0	2	14	2	5.77	-	-	-	
	Wellesbourne ...	9 9	47	(10.8)	(3.9)	(7.3)	-	17.8	21	-1.7	30,31	-	-	50	125	17	8	15	8	-	-	-	-	-	-	2	-	-	-	-	-	-	
	Coventry ...	9 9	107	9.7	2.9	6.3	-	17.2	21	-2.2	31	6.4	6.8	47	-	22	8	13	8	0	-	0	0	0	0	4	-	0	5.79	-	-	-	
	Moreton Morrell	9 9	85	10.9	3.4	7.1	-	17.8	21	-1.7	31	-	-	48	114	16	8	12	9	1	0	0	0	0	0	2	7	1	5.55	-	-	-	
	Rugby ...	9 9	117	10.1	3.4	6.7	+1.1	17.8	21	-2.2	31	6.2	6.7	41	103	15	8	14	7	2	0	2	0	0	0	2	10	0	-	-	-	-	
Oxford	Oxford ¶§€	9 9	63	11.1	4.2	7.7	+1.3	16.7	21	-1.1	30	6.8	7.0	30	71	14	8	11	6	2	0	1	0	1	0	2	6	0	5.63	144	-	-	
Buckingham	Medmenham	9 9	30	11.8	2.5	7.1	-	17.8	21	-5.0	30	-	-	42	-	13	8	13	8	-	-	-	-	-	-	6	21	-	-	-	-	-	
	Grendon Underwood	9 9	67	11.2	2.6	6.9	-	18.3	21	-4.4	31	6.6	6.8	32	-	13	8	12	4	0	0	0	0	0	-	5	19	0	5.75	-	-	-	
	Aylesbury ...	9 9	96	10.8	3.3	7.1	-	16.7	21	-1.7	30	-	-	29	71	11	8	7	6	5	0	1	0	0	0	2	15	0	5.65	-	-	-	
	Bletchley ...	9 9	86	(11.4)	(3.6)	(7.5)	-	18.3	21	-1.7	24	-	-	33	-	11	8	10	5	2	0	0	5	0	0	3	-	0	-	-	-	-	
Stafford	Keele ...	9 9	179	9.3	2.8	6.1	-	15.6	21	-1.1	30,31	5.4	5.7	45	-	11	28	17	12	6	1	0	6	0	1	4	15	0	4.34	-	-	-	
	Oaken ...	9 9	125	10.3	-	-	-	17.2	21	-1.7	30	5.8	-	45	-	13	8	11	9	-	-	-	-	-	-	3	14	-	-	-	-	-	
	Stone ...	9 9	107	10.1	2.7	6.4	-	15.6	21	-1.1	30,31	-	-	42	89	9	25	17	10	3	-	2	0	0	0	5	18	1	5.02	-	-		



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH

1967

DISTRICT, COUNTY AND PLACE			Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n				Number of Days						Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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\*\* City Boys' School



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-50 average	Most in a day Amount (mm.)	Date	Precip'n		Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Glass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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(-) † ¶ § € S See Notes on Tables in the Introduction \* Sunshine figures are for Cross Island



TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	6-7	4-5	1-3	Calm									
																										84 or more	22-33	11-21	1-10	0									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	83m.	3	995.1	-	4.0	0.9	7.0	84	5.3	2	5	5	9	10	0	0	0	0	0	0	1	6	11	8	5	4	12	9	5	1	2	0	1	0	0	6	6	9	6
		9	995.7	-16.4	4.5	0.9	7.2	85	6.4	0	2	6	13	10	0	0	0	0	0	0	2	0	4	8	9	8	3	13	9	5	1	1	0	0	1	5	8	11	4
		15	996.9	-	5.1	1.2	7.1	80	6.6	0	0	4	21	6	0	0	0	0	0	0	0	0	8	6	9	6	11	11	3	0	2	1	0	1	2	3	10	9	4
		21	997.6	-	3.8	0.8	7.1	87	5.3	0	9	4	8	10	0	0	0	0	0	0	0	2	11	7	8	3	3	11	11	3	3	2	1	0	0	5	9	7	4
		9	998.9	-	4.4	0.8	7.5	88	5.2	2	6	4	9	10	0	0	0	0	0	0	0	0	5	10	14	2	4	12	9	6	0	1	0	0	2	6	6	12	4
Orkney Kirkwall	26m.	3	998.7	-13.6	4.9	0.8	7.7	88	5.9	0	5	5	14	7	0	0	0	0	0	0	0	5	6	16	4	5	10	11	5	0	1	0	1	0	0	6	7	10	6
		9	999.9	-	6.3	1.2	7.9	82	5.7	0	3	8	16	4	0	0	0	0	0	0	0	1	6	19	5	7	8	15	0	1	1	0	1	0	4	6	12	6	
		15	1000.2	-	4.6	0.7	7.6	87	5.8	0	6	5	10	10	0	0	0	0	0	0	0	4	10	13	4	5	8	14	4	0	3	0	2	0	7	4	13	2	
		21	998.8	-	4.0	0.8	7.1	87	5.5	2	5	4	11	9	0	0	0	0	0	0	0	5	7	13	6	1	8	16	6	0	2	0	0	8	6	11	4		
		9	999.8	-12.6	5.0	1.2	7.3	82	5.7	0	4	7	15	4	1	0	0	0	0	0	0	1	7	10	12	0	10	14	6	1	0	0	0	1	6	9	5		
Caithness Wick	37m.	15	1000.9	-	6.4	1.6	7.4	77	6.1	0	3	4	20	4	0	0	0	0	0	0	0	1	7	14	9	2	7	18	4	0	1	0	2	0	4	6	13	1	
		21	1001.1	-	4.3	1.1	6.9	83	5.5	2	3	7	11	7	1	0	0	0	0	0	0	1	0	4	3	16	7	2	4	14	11	0	2	0	1	11	3	13	1
		3	996.8	-	4.6	0.7	7.6	89	6.5	0	3	6	6	16	0	0	0	0	0	0	0	3	5	12	11	10	9	7	5	0	0	1	1	1	2	12	10	4	
		9	998.2	-	4.8	0.7	7.6	87	6.7	0	1	5	10	14	1	0	0	1	0	0	0	4	7	5	13	9	12	4	5	1	1	0	2	0	1	15	8	3	
		15	999.7	-	5.5	0.9	7.8	86	6.5	0	0	9	11	11	0	0	0	0	0	0	0	6	2	10	13	9	11	8	3	0	2	0	0	1	13	8	5		
Sutherland Cape Wrath*	113m.	21	999.0	-	4.9	0.8	7.7	88	6.4	0	1	7	7	16	0	0	0	0	0	0	0	3	6	10	12	9	11	6	5	0	1	1	1	1	1	12	11	3	
		3	999.9	-	4.6	0.5	7.9	91	5.7	2	3	5	12	9	0	0	0	0	0	0	0	1	23	6	1	2	10	9	0	0	1	0	1	7	8	11	2		
		9	1001.5	-10.4	5.3	0.7	8.1	89	6.1	0	2	6	17	6	0	0	0	0	0	0	0	1	10	11	7	2	2	9	16	3	1	4	0	1	5	9	8	3	
		15	1002.6	-	6.8	1.4	8.0	80	6.4	0	3	4	16	8	0	0	0	0	0	0	0	7	11	10	3	0	13	17	0	1	2	0	1	4	5	15	3		
		21	1002.4	-	4.6	0.6	7.8	90	5.3	3	5	5	13	0	0	0	0	0	0	0	0	9	12	9	1	0	8	13	9	1	0	1	0	1	10	5	9	4	
Ross & Cromarty Stornoway	5m.	3	1001.5	-	5.5	0.9	7.9	86	5.7	1	3	10	7	10	0	0	0	0	0	0	2	5	10	10	4	3	18	7	3	0	0	1	0	1	3	10	11	5	
		9	1003.2	-8.6	6.1	1.0	8.1	85	5.6	0	5	8	12	6	0	0	0	0	0	0	2	4	10	11	4	2	17	9	3	0	4	0	1	0	2	10	11	3	
		15	1004.1	-	6.9	1.4	8.0	80	6.3	0	1	8	15	7	0	0	0	0	0	0	1	0	6	7	12	5	1	16	10	4	0	3	0	1	0	3	7	14	3
		21	1003.4	-	5.8	1.1	7.8	84	5.4	0	6	7	7	11	0	0	0	0	0	0	1	6	9	10	5	3	12	10	6	0	4	1	0	8	6	10	2		
1 SCOTLAND, E.																																							
Moray Kinloss	6m.	3	1001.0	-	4.7	1.0	7.3	85	5.2	0	6	9	9	7	0	0	0	0	0	0	0	2	2	13	14	1	7	18	5	0	1	0	0	0	6	11	11	2	
		9	1002.2	-10.3	5.9	1.3	7.6	81	5.8	0	5	4	18	4	0	0	0	0	0	0	0	3	7	8	13	1	9	16	5	0	0	0	1	0	4	10	13	3	
		15	1003.1	-	7.6	1.8	7.9	75	6.1	0	4	2	23	2	0	0	0	0	0	0	0	3	3	15	10	2	15	12	2	0	1	0	1	0	1	9	17	2	
		21	1003.2	-	4.9	0.9	7.5	86	5.3	1	8	1	13	8	0	0	0	0	0	0	0	4	4	15	8	0	11	13	7	0	1	0	1	1	4	10	12	2	
		3	1001.7	-	4.3	1.3	6.6	78	5.5	2	1	10	15	3	0	0	0	0	0	0	0	0	2	7	6	16	0	5	19	5	2	1	0	0	0	4	9	10	5
Aberdeen Dyce	59m.	9	1002.6	-11.0	5.9	2.0	6.6	71	4.4	0	10	7	12	2	0	0	0	0	0	0	0	2	4	9	16	0	6	20	4	1	3	0	0	0	3	11	11	2	
		15	1003.4	-	7.9	2.6	7.0	65	5.0	0	5	4	20	2	0	0	0	0	0	0	0	2	7	9	13	0	11	20	0	0	2	0	1	0	4	6	13	5	
		21	1003.7	-	4.9	1.4	6.9	78	4.4	1	11	4	11	4	0	0	0	0	0	0	0	1	0	11	7	12	0	1	20	10	0	0	0	1	5	8	13	4	
		3	1002.4	-	5.1	1.3	7.1	80	4.4	0	10	1	8	8	0	0	0	0	0	0	0	1	0	1	4	25	2	5	15	9	0	1	0	0	1	9	15	5	
		9	1003.7	-	6.1	1.6	7.2	76	4.5	0	10	8	7	6	0	0	0	0	0	0	0	0	0	0	1	11	19	1	5	18	6	1	2	1	0	1	14	9	3
Angus Usan	35m.	15	1003.9	-	8.6	2.6	7.5	67	5.8	0	1	9	17	4	0	0	0	0	0	0	0	2	8	21	1	12	14	4	0	2	0	1	0	2	6	16	4		
		21	1004.3	-	5.6	1.3	7.4	80	4.6	4	7	4	7	8	1	0	0	1	0	0	0	0	0	5	25	0	3	23	4	1	2	0	0	1	1	11	13	2	
		3	1003.5	-	4.9	1.2	7.2	81	4.7	3	6	4	15	3	0	0	0	0	0	0	2	5	14	10	0	11	15	5	0	1	0	0	0	1	15	13	1		
		9	1004.8	-8.9	6.3	1.7	7.2	75	4.5	0	13	2	12	4	0	0	0	0	0	0	0	1	8	13	9	0	9	18	4	0	0	1	0	0	1	16	10	3	
		15	1005.0	-	8.4	2.3	7.6	68	5.7	0	3	8	15	5	0	0	0	0	0	0	0	1	7	13	10	0	16	14	1	0	1	0	1	0	1	11	14	3	
Fife Leuchars	12m.	21	1005.1	-	5.5	1.4	7.3	79	4.9	3	4	7	11	6	0	0	0	0	0	0	0	2	8	15	6	0	8	17	5	1	2	0	0	0	1	15	11	1	
		3	1005.4	-	5.2	1.4	7.1	79	4.8	4	5	5	10	7	0	0	0	0	0	0	0	0	1	20	9	1	1	18	5	6	1	0	1	0	3	17	9	0	
		9	1006.7	-7.3	6.2	1.6	7.3																																



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS MARCH 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																			
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									3 sec gust	10-19	20-29	30-39	40-49									
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington 46m.	3	1006.5	-	5.4	1.3	7.3	81	4.9	1	9	5	6	10	0	0	0	0	0	0	0	1	11	14	5	1	7	14	9	0	1	0	0	0	1	8	18	3	
	9	1007.8	-6.5	6.4	1.7	7.3	75	5.3	0	5	6	17	3	0	0	0	0	0	0	0	2	10	12	7	0	7	10	16	5	0	0	1	1	0	2	4	19	4
	15	1007.5	-	8.6	2.7	7.2	65	5.7	0	1	11	18	3	0	0	0	0	0	0	0	3	6	11	10	3	18	9	1	0	0	1	0	1	4	18	3		
Tynemouth 40m.	3	1008.1	-	5.6	1.4	7.3	80	4.5	3	6	9	6	7	0	0	1	0	0	0	2	14	14	0	2	1	16	11	1	0	0	0	0	5	5	17	3		
	9	1008.9	-5.6	6.7	-1.9	7.1	72	4.8	1	7	7	12	4	0	0	0	0	0	0	12	14	5	0	0	11	14	6	0	1	0	1	0	3	5	20	1		
	15	1008.8	-	8.9	3.1	6.8	60	5.5	0	1	13	15	1	1	0	0	1	0	0	2	23	5	0	2	16	11	2	0	3	0	0	2	2	3	20	1		
Seahouses 12m.	3	1009.4	-	6.6	-1.7	7.4	75	3.8	8	5	6	6	6	0	0	0	0	0	0	1	1	7	21	0	0	7	17	6	1	0	0	0	1	3	7	15	4	
	9	1005.9	-	6.3	1.9	7.0	73	4.8	1	10	5	7	8	0	0	0	0	0	0	1	9	20	0	0	7	14	9	0	1	1	0	0	2	5	20	2		
	15	1007.2	-	8.8	3.0	6.9	61	4.9	0	5	13	9	4	0	0	0	0	0	0	0	4	6	13	8	2	8	18	3	0	3	0	1	1	1	21	3		
Yorks, N. Riding Leeming 33m.	3	1007.6	-	6.5	2.0	6.9	71	3.6	5	13	1	6	5	1	0	0	1	0	0	0	2	4	24	0	0	5	15	10	1	1	1	0	0	3	5	16	4	
	9	1009.5	-	6.2	1.5	7.5	78	5.2	5	3	4	8	11	0	0	0	0	0	0	6	8	14	3	0	4	17	9	1	1	1	0	0	8	9	13	3		
	15	1010.7	-	6.9	1.8	7.4	73	5.5	0	5	6	14	6	0	0	0	0	0	0	0	2	11	9	9	1	5	20	5	0	1	2	0	2	6	15	5		
Whitby Coastguard 66m.	3	1010.7	-	9.5	3.1	7.2	61	4.7	0	1	11	16	3	0	0	0	0	0	0	1	6	15	9	0	12	16	3	0	1	0	0	1	7	15	6			
	9	1010.9	-	6.3	1.5	7.4	77	4.6	0	9	7	11	4	0	0	0	0	0	0	1	3	11	12	4	0	3	16	10	2	1	0	0	7	6	10	5		
	15	1009.9	-	6.6	1.7	7.3	76	4.6	0	11	3	14	3	0	0	0	0	0	0	0	2	18	11	0	0	14	13	4	0	0	0	2	11	15	2			
Yorks, E. Riding Leconfield 9m.	3	1010.0	-	8.8	2.7	7.4	66	5.4	0	1	13	15	2	0	0	0	0	0	0	0	17	13	0	3	14	11	3	0	1	0	0	1	9	16	3			
	9	1010.6	-	6.4	1.5	7.5	78	3.0	6	12	6	5	2	0	0	0	0	0	0	4	23	4	0	0	5	19	7	0	1	0	0	5	15	9	1			
	15	1010.6	-	5.5	1.1	7.5	83	5.1	4	5	4	7	11	0	0	0	0	0	0	9	14	6	2	0	1	23	7	0	0	0	1	0	9	5	15	1		
Kilnsea 16m.	3	1011.4	-3.5	7.0	1.6	7.7	76	5.0	0	9	4	15	3	0	0	0	0	0	0	1	5	13	7	5	0	5	21	5	0	0	1	0	3	9	15	3		
	9	1011.5	-	9.8	3.1	7.4	61	4.1	0	0	9	19	3	0	0	0	0	0	0	2	15	9	5	0	2	27	2	0	2	0	0	1	2	5	20	1		
	15	1012.0	-	6.4	1.5	7.5	78	4.2	6	5	7	5	8	0	0	0	0	0	0	1	5	13	10	2	0	20	11	0	0	0	0	4	12	14	1			
Lincoln Waddington 69m.	3	1011.7	-	5.4	1.0	7.6	85	5.1	5	1	8	7	10	0	0	0	0	0	0	6	25	0	0	4	9	17	1	0	0	0	1	2	8	17	3			
	9	1012.3	-2.7	6.4	1.3	7.8	81	5.2	1	4	10	11	5	0	0	0	0	0	0	10	20	1	0	4	13	10	4	0	1	0	1	1	9	18	1			
	15	1012.3	-	9.3	2.4	8.0	69	5.5	0	1	13	12	5	0	0	0	0	0	0	6	25	0	0	4	17	8	2	0	3	0	0	1	2	4	19	2		
Binbrook 109m.	3	1012.7	-	6.5	1.3	7.8	80	3.3	11	1	11	4	4	0	0	0	0	0	0	5	26	0	0	1	13	15	2	0	1	0	0	3	7	17	3			
	9	1012.2	-	5.1	1.0	7.4	83	5.5	3	5	4	14	0	0	0	0	0	0	0	8	10	11	2	0	3	17	11	0	0	1	0	3	16	9	2			
	15	1013.1	-	6.6	1.6	7.5	76	4.6	1	8	7	10	5	0	0	0	0	0	0	2	4	12	13	0	2	22	7	0	1	0	0	2	13	12	2			
Manby 14m.	3	1012.9	-	9.7	3.3	7.1	60	5.5	0	5	6	17	3	0	0	0	0	0	0	3	6	20	3	0	3	26	2	0	1	0	0	2	7	15	6			
	9	1011.5	-	4.6	1.1	7.1	83	5.3	4	3	5	6	13	0	0	0	0	0	0	11	9	1	0	7	20	4	0	0	0	1	0	3	17	8	2			
	15	1012.3	-	6.1	1.5	7.3	77	4.7	0	8	8	13	2	0	0	0	0	0	0	1	7	15	7	0	12	17	2	0	1	1	0	2	12	13	2			
Suffolk Mildenhall 12m.	3	1012.1	-	9.2	2.3	6.8	58	5.8	0	2	9	18	2	0	0	0	0	0	0	0	18	11	2	1	13	16	1	0	1	0	0	2	9	16	3			
	9	1012.9	-	5.5	1.5	7.0	77	4.8	5	3	7	10	6	0	0	0	0	0	0	7	20	3	1	6	21	3	1	1	0	0	1	6	9	13	2			
	15	1011.7	-	4.9	0.9	7.5	85	5.0	3	6	6	5	11	0	0	0	0	0	0	1	9	14	7	0	1	23	7	0	0	0	1	6	9	13	2			
Norfolk West Raynham 80m.	3	1012.6	-2.7	7.2	1.6	7.9	78	4.7	1	8	7	10	5	0	0	0	0	0	0	1	8	12	8	2	6	21	4	0	0	0	1	1	9	16	4			
	9	1012.6	-	10.2	3.0	7.8	63	5.9	0	3	8	14	6	0	0	0	0	0	0	5	13	10	3	0	8	20	2	1	2	0	0	2	5	19	2			
	15	1013.1	-	6.0	1.3	7.6	81	3.5	8	8	5	5	0	0	0	0	0	0	0	4	22	3	2	0	3	18	9	1	1	0	0	4	9	15	1			
3 ENGLAND, E.																																						
Norfolk West Raynham 80m.	3	1012.9	-	4.4	0.8	7.3	87	5.3	2	3	10	6	10	0	0	0	0	0	0	1	2	10	18	0	0	4	20	7	0	0	1	0	5	13	1			
	9	1013.8	-1.6	6.2	1.1	7.9	83	5.3	0	7	3	19	2	0	0	0	0	0	0	1	6	14	8	2	0	7	20	4	0	0	0	3	15	10	3			
	15	1013.6	-	9.4	2.6	7.9	67	5.8	0	1	10	17	3	0	0	0	0	0	0	0	5	16	8	2	0	11	18	2	0	2	0	0	2	11	15	1		
Coltishall 17m.	3	1014.3	-	5.8	1.3	7.4	80	4.4	5	6	8	8	0	0	0	0	0	0	0	9	15	7	0	0	4	17	10	0	0	0	0	5	11	12	2			
	9	1012.9	-	5.4	1.3	7.2	80	4.8	6	3	6	6	10	0	0	0	0	0	0	10	15	6	0	0	2	17	12	0	0	1	0	4	16	9	1			
	15	1013.5	-	7.2	1.8	7.6	74	5.6	2	3	4	19	3	0	0	0	0	0	0	6	13	8	4	0	3	24	4	0	0	0	1	1	16	11	2			
Gorleston 8m.	3	1013.4	-	10.5	3.7	7.1	56	6.1	0	2	7	16	6	0	0	0	0	0	0	4	10	15	2	0														



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

MARCH

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																			
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	6-7	4-5	1-3	Calm									
																										22-23	11-21	1-10	0										
Number of Observations																																							
4 MIDLAND COUNTIES																																							
—cont.																																							
Finningley	3	1011.6	-	6.0	1.3	7.5	80	4.6	4	8	2	9	8	0	0	0	0	0	0	0	1	7	14	9	0	0	0	18	13	0	0	1	0	0	6	8	13	3	
	9	1012.6	-2.5	7.5	2.0	7.4	71	4.7	2	8	6	10	5	0	0	0	0	0	0	0	12	15	4	0	0	0	20	7	0	1	1	0	0	3	7	16	3		
	15	1012.4	-	10.3	3.4	7.2	58	5.5	0	2	11	16	2	0	0	0	0	0	0	0	6	16	6	3	0	8	20	3	0	1	1	0	1	7	17	4			
Northampton	3	1013.4	-	5.0	1.0	7.4	84	5.6	3	4	2	13	9	0	0	0	0	0	0	0	1	13	15	2	0	0	1	19	10	1	1	0	0	0	6	8	12	3	
	9	1014.3	-1.3	7.0	1.7	7.6	75	5.0	1	6	6	15	3	0	0	0	0	0	0	1	15	9	5	0	6	21	4	0	1	0	0	1	2	7	17	3			
	15	1014.1	-	10.2	3.4	7.3	58	5.2	0	5	12	10	4	0	0	0	0	0	0	0	0	9	15	7	0	7	20	4	0	1	0	0	0	3	8	12	7		
Wittering	3	1014.7	-	6.3	1.7	7.2	75	4.6	5	5	5	9	7	0	0	0	0	0	0	0	6	12	11	2	0	0	18	13	0	1	0	1	0	5	10	11	3		
	9	1015.7	+0.1	5.9	1.4	7.3	78	4.9	0	4	13	13	1	0	0	0	0	0	0	1	6	11	10	3	0	1	17	13	0	1	1	0	0	7	10	12	0		
	15	1015.1	-	9.1	3.1	7.0	60	5.5	0	3	9	16	3	0	0	0	0	0	0	0	1	6	21	3	0	0	24	7	0	1	0	0	0	7	7	13	3		
Edgbaston	3	1015.8	-	6.3	1.7	7.2	75	4.5	3	10	3	8	7	0	0	0	0	0	0	0	7	16	8	0	0	0	15	16	0	0	2	0	0	4	11	12	2		
	9	1014.4	-	4.9	1.2	7.1	82	5.0	2	6	8	6	9	0	0	0	0	0	0	1	8	15	6	1	0	1	11	19	0	0	1	0	0	5	11	13	1		
	15	1015.1	-	6.5	1.7	7.3	75	4.8	0	6	10	14	1	0	0	0	0	0	0	2	12	16	1	0	0	0	19	8	0	2	0	0	0	5	10	12	2		
Elmdon	3	1014.7	-	9.0	3.0	7.0	60	5.8	0	3	8	15	5	0	0	0	0	0	0	0	8	23	0	0	0	6	22	3	0	1	0	0	1	2	9	16	2		
	9	1015.3	-	6.1	1.6	7.2	76	4.9	4	4	6	11	6	0	0	0	0	0	0	1	6	20	4	0	0	4	13	13	1	1	0	1	0	5	11	9	3		
	15	1013.8	-	5.4	1.2	7.5	83	5.6	1	2	9	13	6	0	0	0	0	0	0	0	1	10	18	2	0	1	13	17	0	1	1	0	0	3	10	13	3		
Shropshire	3	1014.7	-	6.9	1.7	7.5	75	5.4	0	4	9	15	3	0	0	0	0	0	0	0	1	12	14	4	0	4	21	6	0	1	0	1	0	2	8	15	4		
	9	1014.4	-	9.4	3.2	7.0	59	5.8	0	0	12	17	2	0	0	0	0	0	0	0	3	6	13	9	0	16	6	0	1	0	0	1	1	8	12	8			
	15	1014.8	-	6.0	1.5	7.3	78	5.7	1	3	6	16	5	0	0	0	0	0	0	1	11	15	3	0	2	13	16	0	0	0	1	1	3	11	10	5			
Shawbury	3	1015.0	-	5.3	1.1	7.5	84	5.3	1	7	6	11	0	0	0	0	0	0	0	0	4	8	16	3	0	1	17	13	0	0	0	1	0	0	1	0	18	10	2
	9	1015.9	-	7.3	1.8	7.7	75	5.5	0	4	9	14	4	0	0	0	0	0	0	0	4	8	14	5	0	2	23	6	0	2	0	1	0	1	11	14	2		
	15	1015.3	-	10.4	3.5	7.3	57	5.8	0	2	9	16	4	0	0	0	0	0	0	0	2	7	12	10	0	9	19	3	0	3	0	0	1	1	6	12	8		
Persore	3	1016.0	-	6.6	1.6	7.5	76	4.7	2	9	4	8	8	0	0	0	0	0	0	0	5	4	16	6	0	3	14	14	0	1	0	2	0	4	9	13	2		
	9	1016.1	+0.7	7.5	2.0	7.6	73	5.5	0	6	5	14	6	0	0	0	0	0	0	0	4	2	21	4	0	0	13	18	0	2	0	0	1	1	14	11	2		
	15	1015.4	-	10.0	3.4	7.2	58	5.2	0	6	9	11	5	0	0	0	0	0	0	0	2	3	22	4	0	0	18	13	0	2	1	0	0	2	12	10	4		
Ross-on-Wye	3	1016.2	-	6.5	1.7	7.3	75	4.2	2	11	5	6	7	0	0	0	0	0	0	0	1	5	2	23	0	0	1	8	21	1	1	1	0	0	3	13	10	2	
	9	1016.2	-	5.8	0.9	8.0	86	5.4	4	2	5	10	10	0	0	0	0	0	0	0	10	15	6	0	0	1	12	16	2	0	1	0	1	5	11	12	0		
	15	1017.1	+1.5	7.4	1.3	8.4	81	5.3	0	3	12	14	2	0	0	0	0	0	0	1	7	15	7	1	0	4	20	11	0	1	0	1	3	15	10	1			
Filton	3	1016.5	-	9.4	2.3	8.3	70	4.8	0	5	11	11	4	0	0	0	0	0	0	0	4	10	10	7	0	4	20	7	0	1	0	1	1	4	12	9	3		
	9	1017.4	-	6.6	1.2	8.0	82	4.4	5	5	7	6	8	0	0	0	0	0	0	0	17	12	2	0	0	1	12	17	1	1	1	0	0	6	9	13	0		
	15	1015.8	-	5.9	1.2	7.7	82	4.8	3	6	5	11	6	0	0	0	0	0	0	0	10	12	9	0	0	1	18	3	0	1	0	0	2	19	4	2			
Gloucester	3	1016.7	-	7.7	1.8	7.9	75	5.8	0	2	9	17	3	0	0	0	0	0	0	0	2	4	11	9	5	0	1	16	14	0	2	0	0	4	17	7	1		
	9	1016.0	-	10.7	3.4	7.5	59	5.5	0	4	9	12	6	0	0	0	0	0	0	0	3	9	9	10	0	0	24	7	0	3	0	0	1	3	12	8	4		
	15	1016.9	-	7.0	1.6	7.7	77	4.1	4	6	10	4	7	0	0	0	0	0	0	0	1	10	11	8	1	0	9	21	1	1	0	1	0	3	19	6	0		
Little Rissington	3	1015.3	-	4.1	0.8	7.2	88	5.1	4	4	5	8	10	0	0	2	0	1	1	5	10	8	4	0	2	16	13	0	0	0	1	0	1	8	20	1			
	9	1016.1	+0.6	5.6	1.2	7.4	81	5.4	0	5	8	14	4	0	0	0	0	1	0	3	6	15	6	0	1	25	5	0	2	1	0	0	2	10	14	2			
	15	1015.4	-	8.7	3.1	6.8	60	5.5	0	4	9	13	5	0	0	0	0	0	0	0	3	7	5	16	0	6	20	5	0	3	0	0	1	2	4	16	5		
21	1016.4	-	5.1	1.3	7.1	81	4.5	2	10	5	7	7	0	0	0	0	0	0	0	1	3	9	14	4	0	2	14	15	0	3	0	1	0	1	13	11	2		
5 ENGLAND, S.E.																																							
Greater London	3	1015.9	-	5.4	1.0	7.7	85	4.6	4	6	5	8	8	0	0	0	0	0	0	1	5	16	8	1	0	0	16	15	0	0	0	1	0	5	16	9	0		
	9	1016.8	-	7.4	1.7	7.8	75	4.9	0	10	4	13	4	0	0	0	0	0	0	1	2	16	12	0	0	1	19	11	0	1	0	0	0	6	8	14	2		
	15	1016.0	-	10.5	3.4	7.4	59	5.2	0	5	12	9	5	0	0	0	0	0	0	0	1	12	15	3	0	2	22	7	0	1	0	0	0	5	7	15	3		
Heathrow	3	1016.8	-	6.7	1.7	7.5	76	4.0	6	5	8	10	2	0	0	0	0	0	0	0	2	19	10	0	0	1	16	14	0	2	0	1	1	3	12	9	3		
	9	1016.8	+0.9	7.9	2.1	7.7	72	4.5	0	9	9	7	6	0	0	0	0	0	0	0	10	7	13	1	0	0	16	16	0	1	0	0	1	1	12	13	4		
	15	1016.1	-	10.7	3.6	7.3	57	5.2	0	7	6	11	7	0	0	0	0	0	0	0	3	6	13	9	0	1	18	12	0	3	0	0	0	2	6	14	6		
Kew	3	1016.9	-	7.4	2.2	7.4	72	3.5	6	9	5	8	3	0	0	0	0	0	0	0	1	19	9	2	0	1	14	16	0	1	2	1	0	3	10	1			



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

MARCH

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																	
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										8 or more	6-7	4-5	1-3	Calm								
																										34 or more	22-33	11-21	1-10	0								
																										SPEED IN KNOTS												
Number of Observations																																						
7a ENGLAND, N.W.																																						
Cumberland Carlisle	28m.	3	1008.7	-	5.9	1.2	7.8	83	5.5	0	5	7	9	10	0	0	0	0	0	0	0	5	17	9	0	1	6	20	2	2	0	1	0	0	0	17	10	1
		9	1009.9	-	6.3	1.4	7.6	80	5.6	0	4	7	14	6	0	0	0	0	0	0	0	4	13	13	1	0	5	21	4	1	0	1	0	0	0	17	7	1
		15	1010.0	-	7.9	2.0	7.7	73	6.5	0	1	5	17	8	0	0	0	0	0	0	0	0	21	7	3	0	8	21	2	0	1	0	1	0	3	18	7	1
		21	1010.0	-	6.1	1.1	7.9	83	6.1	0	4	5	9	13	0	0	0	0	0	0	0	7	21	3	0	0	6	14	10	1	0	1	0	0	1	19	8	1
Westmorland Great Dun Fell	-	3	-	-	-0.3	0.0	6.0	99	7.7	1	0	0	0	2	28	18	10	0	0	0	0	1	1	1	0	13	11	5	2	0	1	1	0	0	0	17	11	1
		9	-	-	-0.5	0.1	5.8	98	7.3	0	1	3	2	2	23	7	17	0	0	0	0	1	1	5	0	13	10	7	1	0	2	1	0	0	2	15	10	1
		15	-	-	0.5	0.2	6.1	96	7.5	0	0	3	6	6	16	1	15	0	0	0	0	4	3	8	0	15	11	5	0	0	1	1	0	0	1	15	13	0
		21	-	-	0.1	0.1	6.1	97	7.0	4	0	0	4	23	15	8	0	0	0	0	2	3	3	0	10	14	5	1	1	0	0	0	1	16	10	3		
Lancashire Squires Gate	11m.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9	1012.6	-2.2	6.8	1.1	8.4	84	5.9	1	3	3	16	8	0	0	0	0	0	1	3	19	7	1	0	10	19	2	0	1	0	1	0	3	5	16	5	
		15	1012.7	-	8.5	1.6	8.7	78	4.9	1	7	7	10	6	0	0	0	0	0	0	1	16	11	3	0	9	21	1	0	0	0	1	0	1	8	17	4	
		21	1012.6	-	6.8	1.0	8.4	85	5.3	1	7	3	11	9	0	0	0	0	0	0	6	21	4	0	1	6	21	3	0	0	0	1	1	0	3	9	13	4
Speke	26m.	3	1012.5	-	6.5	1.5	7.7	79	5.5	1	4	6	13	7	0	0	0	0	0	0	2	14	13	1	0	5	18	8	0	1	1	0	0	7	7	11	4	
		9	1013.6	-	7.0	1.8	7.5	75	5.4	0	7	5	14	5	0	0	0	0	0	0	5	13	11	2	0	5	21	3	2	1	0	1	0	4	12	7	4	
		15	1013.4	-	9.8	3.0	7.5	62	5.2	0	2	14	11	4	0	0	0	0	0	1	0	1	5	14	10	0	14	15	2	0	0	0	1	2	11	14	3	
		21	1013.5	-	7.0	1.7	7.6	75	4.9	2	6	13	4	0	0	0	0	0	0	0	4	14	12	1	0	4	19	8	0	0	1	0	0	6	6	17	1	
Cheshire Ringway	76m.	3	1012.6	-	5.3	1.0	7.5	84	6.2	1	4	3	9	14	0	0	0	0	0	1	11	16	3	0	0	2	19	9	1	0	0	1	0	9	6	12	2	
		9	1013.8	-1.1	6.1	4.5	7.2	77	5.9	0	4	7	12	8	0	0	0	0	0	2	12	14	3	0	0	4	21	6	0	0	0	1	0	6	10	10	4	
		15	1013.2	-	9.1	3.2	6.7	59	6.0	0	0	11	16	4	0	0	0	0	0	1	3	16	11	0	0	7	21	3	0	0	0	1	1	6	19	3	3	
		21	1013.6	-	6.2	1.6	7.3	76	5.5	1	3	9	9	9	0	0	0	0	0	2	17	12	0	0	0	0	18	13	0	0	0	2	0	6	7	13	3	
7b NORTH WALES																																						
Anglesey Valley	11m.	3	1012.7	-	6.6	1.0	8.4	85	5.3	5	1	7	8	10	0	0	0	0	0	0	4	8	17	2	2	13	14	2	0	1	1	0	0	6	11	9	3	
		9	1014.0	0.0	7.1	1.3	8.3	81	5.2	0	7	7	11	6	0	0	0	0	0	0	2	8	18	3	2	14	14	1	0	1	0	1	0	5	12	7	5	
		15	1013.9	-	8.7	1.8	8.5	75	6.0	0	2	8	13	8	0	0	0	0	0	1	3	7	12	8	1	13	13	4	0	0	2	0	0	7	10	11	1	
		21	1013.8	-	6.9	1.2	8.3	83	5.5	2	4	5	10	10	0	0	0	0	0	0	4	11	12	4	3	9	13	4	2	0	1	0	0	5	9	11	3	
Caernarvon Bardsey Island	19m.	3	1014.3	-	7.1	0.7	9.1	89	4.6	6	2	8	5	10	0	0	0	0	0	0	1	9	16	5	5	10	14	2	0	2	1	0	0	7	7	9	5	
		9	1015.3	-	7.2	0.8	9.0	88	4.9	1	5	9	11	5	0	0	0	0	0	0	1	9	16	5	5	10	14	2	0	2	1	0	0	7	7	9	5	
		15	1015.4	-	8.4	1.1	9.4	85	6.1	0	2	9	9	11	0	0	0	0	1	0	9	17	4	2	12	13	3	1	1	0	0	1	9	8	9	2		
		21	1015.3	-	7.4	0.9	9.0	87	5.3	6	1	4	8	12	0	0	0	0	0	0	0	11	19	1	5	8	12	5	1	3	0	0	7	5	12	3		
8a SOUTH WALES																																						
Cardigan Aberporth	134m.	3	1015.2	-	5.8	0.9	7.9	85	5.6	2	5	4	7	13	0	0	0	0	0	0	6	17	7	1	0	10	19	2	0	1	0	1	0	6	10	10	3	
		9	1016.3	+2.0	6.6	1.4	7.8	80	5.0	0	8	7	11	5	0	0	0	0	0	0	2	15	11	3	0	6	23	2	0	1	0	0	1	4	11	9	5	
		15	1015.8	-	8.1	2.0	8.0	73	5.8	1	4	5	11	10	0	0	0	0	2	0	3	7	16	3	0	7	21	3	0	1	1	0	0	5	6	16	2	
		21	1016.1	-	6.2	1.3	7.8	82	5.5	2	3	10	6	10	0	0	0	0	0	0	2	15	11	3	0	7	20	4	0	1	1	0	0	6	9	11	3	
Pembroke Milford Haven C.B.	39m.	3	1016.2	-	6.9	1.1	8.4	84	4.4	4	7	6	5	9	0	0	0	0	0	0	2	15	11	3	0	7	20	4	0	1	1	0	0	6	9	11	3	
		9	1017.1	-	7.5	1.3	8.4	80	5.4	1	2	11	12	5	0	0	0	0	1	9	16	5	0	0	6	18	7	0	1	1	0	0	2	8	12	7		
		15	1017.0	-	8.9	1.8	8.7	76	5.2	1	3	6	12	9	0	0	0	0	0	9	16	6	0	0	3	24	4	0	2	0	1	0	2	9	10	7		
		21	1017.1	-	7.5	1.3	8.5	82	4.8	3	5	5	12	6	0	0	0	0	0	2	6	14	9	0	0	3	24	4	0	1	0	1	1	3	7	15	3	
Glamorgan Mumbles	37m.	3	1016.4	-	6.6	1.0	8.4	85	5.0	4	5	6	6	10	0	0	0	0	0	0	1	19	9	2	0	9	13	9	0	1	1	0	0	2	9	14	4	
		9	1017.2	-	7.2	1.3	8.3	81	5.8	0	2	8	15	6	0	0	0	0	0	5	22	4	0	0	8	18	5	0	3	0	1	0	0	3	5	15	4	
		15	1016.9	-	8.6	2.1	8.1	72	5.2	0	5	12	7	7	0	0	0	1	0	0	6	10	10	4	0	12	17	2	0	2	1	2	0	3	9	12	2	
		21	1017.2	-	7.0	1.2	8.3	82	4.7	7	3	6	5	10	0	0	0	0	0	0	6	10	10	4	0	12	17	2	0	2	1	2	0	3	9	12	2	
Rhoose	69m.	3	1016.3	-	5.6	0.8	8.0	87	5.1	5	4	4	7	11	0	0	0	0	0	0	5	16	9	1	0	6	20	5	0	0	2	0	0	3	8	14	4	
		9	1017.1	+1.6	7.2	1.3	8.4	82	5.3	0	4	8	14	5	0	0	0	0	1	4	9	17	0	0	4	15	12	0	1	0	1	0	1	7	17	4		
		15	1016.8	-	8.8	2.1	8.2	72	5.2	0	4	12	9	6	0	0	0	0	1	6	12	9	3	0	3	21	7	0	1	0	0	1	1	3	18	7		
		21	1017.4	-	6.0	0.9	8.1	86	4.7	5	4	7	5	10	0	0	0	0	0	0	5	15	11	0	0	3	17	11	0	1	1	1	3	4	17	3		
8b ENGLAND, S.W.																																						
Somerset Yeovilton	23m.	3	1017.4	-	5.4	0.8	7.9	88	5.3	3	5	4	9	10	0	0	0	0	0	0	22	9	0	0	0	0	7	22	2	0	0	0	1	3	9	13	3	
		9	1018.2	-	7.5	1.4	8.3	80	5.0	0	4	8	12	7	0	0	0	0	0	0	12	13	6	0	0	1	13	16	1	1	0	0	1	3	5	12	8	
		15	1017.5	-	10.0	2.7	8.0	65	5.2	1	4	10	11	5	0	0	0	0	0	0	4	17	10	0	0	3	25	3	0	3	1	0	0	2	3	4	8	
		21	1018.3	-	6.5	1.3	7.9	81																														



TABLE VIII—NUMBER OF DAYS IN MARCH 1967  
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 .. ..	0	4	27	0	0	0	0	0	0	0	0	6	21	4	0	0	Edgbaston .. ..	0	0	20	10	1	0	0	0	0	0	0	0	19	12	0	0
Stornoway .. ..	0	2	25	4	0	0	0	0	0	0	0	5	19	7	0	0	Kew .. ..	0	0	5	24	2	0	0	0	0	0	0	0	15	16	0	0
Craibstone .. ..	0	2	20	8	1	0	0	0	0	0	0	5	23	3	0	0	Hastings .. ..	0	0	15	16	0	0	0	0	0	0	0	0	20	11	0	0
Rothsay .. ..	0	0	29	2	0	0	0	0	0	0	0	1	22	8	0	0	Southampton .. ..	0	0	3	24	4	0	0	0	0	0	2	17	12	0	0	
Abbotsinch .. ..	0	0	21	10	0	0	0	0	0	0	0	5	16	10	0	0	Stonyhurst .. ..	0	0	23	8	0	0	0	0	0	0	1	26	4	0	0	
Eskdalemuir .. ..	0	5	24	2	0	0	0	0	0	0	0	5	20	6	0	0	Bidston .. ..	0	0	20	10	1	0	0	0	0	0	0	17	14	0	0	
Douglas .. ..	0	0	27	4	0	0	0	0	0	0	0	1	20	10	0	0	Valley .. ..	0	0	18	13	0	0	0	0	0	0	0	11	20	0	0	
Cockle Park .. ..	0	0	19	12	0	0	0	0	0	0	0	4	22	5	0	0	Falmouth .. ..	0	0	11	20	0	0	0	0	0	0	1	14	16	0	0	
Gorleston .. ..	0	0	10	20	1	0	0	0	0	0	0	0	19	12	0	0	Aldergrove .. ..	0	1	20	10	0	0	0	0	0	0	1	19	11	0	0	
Cambridge .. ..	0	0	8	22	1	0	0	0	0	0	0	2	21	8	0	0	Armagh .. ..	0	0	17	13	1	0	0	0	0	0	3	19	9	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MARCH 1967

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 .. ..	355	26	40	14	179.3	31	207	31	39	14	117.5	31	387	26	51	14	200.1	31
Eskdalemuir .. ..	395	18	29	4	188.0	31	193	29	29	4	112.7	31	438	18	37	4	211.7	31
Cambridge .. ..	412	31	128	9	298.4	31	222	29	105	13	163.9	31	-	-	-	-	-	-
London W/Centre ..	379	21	92	9	202.5	31	205	27	28	10	140.4	31	401	25	107	9	277.6	31
Kew .. ..	392	21	85	17	265.4	31	215	27	85	17	140.1	31	431	21	103	17	297.6	31
Bracknell .. ..	473	31	71	17	288.2	31	215	27	70	17	147.6	31	509	31	87	17	322.6	31
Aberporth .. ..	532	31	98	25	302.9	31	225	22	95	25	143.3	31	-	-	-	-	-	-

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (inches)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n (.01 inches (.04 inches or more)	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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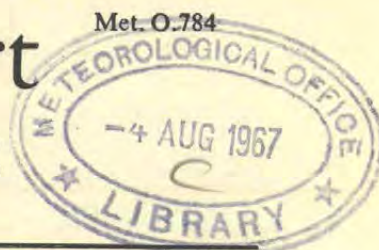
# Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Volume 84 Number 4

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## April 1967 — Generally cool, dull and rather dry

The month began with cyclonic weather but after the 2nd it was mainly anticyclonic except between the 5th and 11th when pressure was low to the south and east of the British Isles and high in a belt extending from northern Scandinavia to the Azores, and also between the 19th and 21st when the weather was dominated by low pressure to the north and east of the country.

On the morning of the 1st, frost was widespread; Cardington had its coldest April night on record with a minimum temperature as low as  $-7^{\circ}\text{C}$ . Later in the day fronts associated with a deep depression near Iceland brought rain to most districts, many places in western Scotland recording more than 40 mm; the rain continued throughout the night and for much of the 2nd. An anticyclone became established in our South-West Approaches during the next three days and, although weather continued unsettled in Scotland with wind reaching gale force at times, it was sunny and warm over southern England with afternoon temperatures reaching  $16^{\circ}\text{C}$  at places near the south coast on both the 4th and the 5th.

The weather pattern changed on the night of the 5th/6th as an intense depression moved southwards from the northern North Sea to the Low Countries bringing widespread rain and gales to all eastern districts. From then until the 12th a ridge of high pressure to the north of Scotland extended from northern Scandinavia to the Azores while pressure remained low to the south-east and south of the British Isles. Scotland and north-west England enjoyed nearly a week of dry sunny weather with temperatures near average, but over most of the rest of the country north-easterly winds brought generally cold, dull and rather wet weather. In south-east England, after a fine night fog patches cleared quickly on the morning of the 9th, but during the next two days there was almost continuous rain associated with a depression over northern France; falls exceeding 30 mm in 24 hours were common. In parts of East Anglia the temperature on the 11th did not rise above  $5^{\circ}\text{C}$ .

On the 13th the ridge of high pressure, previously to the north of Scotland, drifted slowly southwards and remained over the British Isles during the next two or three days. Weather was mainly dry, sunny and warm after the dispersal of early morning fog patches, day temperatures rising progressively over most of the country and reaching  $23^{\circ}\text{C}$  in parts of Hampshire on the 17th; many places had more than 12 hours of sunshine. In the Dungeness area, however, mist or fog patches persisted for most of the day.

The anticyclone over the British Isles withdrew to the west of Ireland on the 17th allowing a northerly airstream from high latitudes to bring colder air over the whole country. The next day was sunny but cool with maximum temperatures some  $10^{\circ}\text{C}$  lower than the previous day. The cold northerly winds were temporarily interrupted on the 19th by a depression from the Atlantic which deepened near the Faeroes as it moved eastwards. A cold front associated with this depression brought heavy rain to Scotland, with falls exceeding 30 mm in the Western Isles, and rain to most of the remainder of the United Kingdom that night. Winds behind the depression became north-westerly again on the 20th and brought wintry showers to Scotland; these showers spread to most other districts the next day.

The cold weather was brought to an end on the 22nd by a depression moving south-eastwards across the British Isles accompanied by widespread rain. The next few days were changeable, frontal rain from the Atlantic alternating with sunnier and drier spells.

From the 27th to the 29th an anticyclone was centred to the west of Ireland and weather was milder with prolonged sunshine in the west, but frontal systems moving around the anticyclone brought slight rain to northern and eastern districts. Afternoon temperatures in parts of eastern Scotland reached  $22^{\circ}\text{C}$  on both the 28th and 29th. A renewal of north-westerly winds brought wintry showers to Scotland and northern England on the last day of the month.

**Pressure and Wind** — Mean pressure was above the 1931-60 average everywhere, the excess at 0900 GMT ranging from 1.6 mb at Shoeburyness

to 6.3 mb at Ballykelly. Surface winds were south-westerly at first, becoming north-westerly between the 3rd and 5th and north-easterly between the 6th and 13th. They were very variable during the remainder of the month except for north-westerlies between the 17th and 21st. Winds reached gale force on 9 days in Scotland and 11 days in England and Wales, gales being widespread in northern districts on the 5th and 6th. A gust of 67 kt was recorded at Dyce on the 5th.

**Temperature** — Over the month as a whole temperatures were below the 1931-60 average except in eastern Scotland. There were, however, two or three warm spells, one around mid-month, another towards the end of the month, and a third, which was mainly confined to southern England, around the 4th and 5th.

Extremes included: (England and Wales)  $22.2^{\circ}\text{C}$  at several places on the 17th, at Durham on the 28th,  $-9.4^{\circ}\text{C}$  at Moor House on the 1st; (Scotland)  $22.2^{\circ}\text{C}$  at Montrose on the 16th and at Buddon Ness on the 28th,  $-11.7^{\circ}\text{C}$  at Buddon Ness on the 1st; (Northern Ireland)  $21.1^{\circ}\text{C}$  at Armagh on the 28th,  $-4.4^{\circ}\text{C}$  at Parkmore Forest on the 1st.

**Rainfall** — In England and Wales rainfall was generally below the average except in the south-east; it was less than 25 per cent around Exeter and more than 150 per cent near Dovercourt and at places bordering the Thames Estuary. In Scotland rainfall was above average in the north, north-east and south-west with a few places recording 150 per cent of their average, while many places in eastern and central Scotland had less than half their usual amount.

Thunder was heard in England and Wales on 4 days and in Scotland on 13 days.

Snow and sleet showers occurred on about 11 days, mainly during the first and fourth weeks; it was most widespread on the 21st. Only the higher peaks in Scotland and northern England were snow-covered.

**Sunshine** — It was a dull month generally but sunshine was above the average in central and eastern Scotland and also at one or two places on the English Channel coast. Percentages in England and Wales ranged from 55 at Watnall to 109 at Brighton.

**Fog** — Morning fog occurred in Scotland on 7 days and in England and Wales between the 1st and 2nd, 9th and 11th, 13th and 17th, 23rd and 30th (18 days). Hill and coast fog was fairly extensive in western districts on the 16th, 17th, 23rd, 24th, and 29th.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on one night.

TABLE I—DISTRICT VALUES, APRIL, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	16.7	-3.9	0.0	-0.4	-0.2	0.0	-0.1	-1	107	99
1 SCOTLAND, E.	21.1	-3.9	+0.3	+0.4	+0.3	0.0	-0.1	0	65	102
2 ENGLAND, N.E.	22.2	-5.0	-0.4	0.0	-0.2	-0.2	-0.2	0	76	80
3 ENGLAND, E.	21.8	-5.0	-1.3	-0.4	-0.9	-0.3	0.0	+1	119	90
4 MIDLANDS	21.7	-5.0	-1.0	-0.2	-0.6	-0.3	+0.1	-1	77	74
5 ENGLAND, S.E.	22.2	-6.4	-0.9	-0.4	-0.6	-0.5	0.0	-1	98	90
6 SCOTLAND, W.	20.0	-6.5	-0.4	-0.1	-0.3	-0.3	-0.1	-2	76	98
7 ENGLAND, N.W. and N. Wales	18.9	-4.4	-0.9	0.0	-0.4	-0.5	-0.1	-2	67	78
8 ENGLAND, S.W. and S. Wales	20.6	-5.6	-0.3	-0.1	-0.2	-0.6	-0.1	-5	43	77
N. IRELAND	21.1	-2.8	-0.1	0.0	0.0	-	-	-4	79	92
SCOTLAND	21.1	-6.5	0.0	0.0	0.0	-	-	-1	77	100
ENG. and WALES	22.2	-6.4	-0.8	-0.2	-0.5	-	-	-1	78	81

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

APRIL, 1967

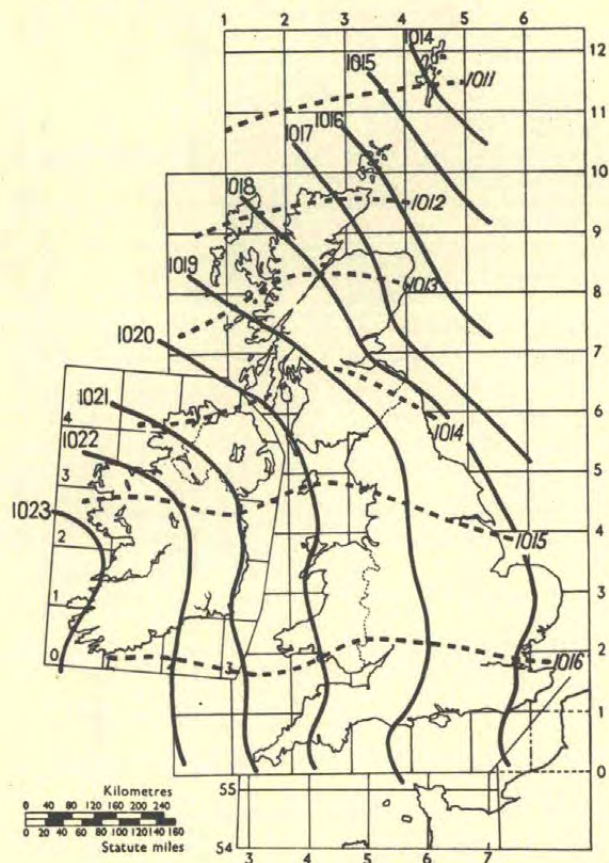
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VELOCITIES							
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		No Record	Mean Hourly Wind Speed in knots	HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours		Year from N	Speed in knots	Hour ended at day hour	Year from N	Speed in knots			Day and Time					
6	Zetland	Lerwick	93	10	10	4, 5, 17, 19, 20	25	17	184	328	147	36	0	0	16.8	010	43	5 17	010	64	5 1620		
	Orkney	Kirkwall	41	15	10	4, 5, 6, 16, 17, 19, 20, 28	59	18	161	257	206	37	0	0	17.0	340	53	5 17	340	79	5 1555		
	Caithness	Dounreay	34	12	9	4, 5, 17, 19	34	18	201	359	124	0	2	2	17.3	330	46	5 18	330	65	5 1745		
		Wick	45	10	10	4, 5, 17, 19, 20	25	14	112	301	222	60	0	0	14.2	310	42	5 15	310	63	5 1450		
	Sutherland	Shin	24	10	10																		
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	1, 4, 5, 19	29	20	159	318	135	79	0	0	15.5	210	41	4 20	210	59	4 1930		
		Duirinish	38	20	17	5	1	8	62	324	237	96	0	0	11.4	010	36	5 21	280	54	4 2150		
	Inverness	Benbecula	16	10	10	1, 5, 19	10	14	136	409	148	17	0	0	15.6	320	37	5 16	330	54	5 1400		
		Fort Augustus (N.S.H.E.A.)	58	16	16	-	0	2	2	276	267	175	0	0	8.4	230	22	4 19	330	47	20 1115		
		Cairngorm	1074	9	9	1, 3, 4, 5, 16, 17, 18, 19, 20	83	18	144	320	131	32	10	10	18.5	260	53	19 12	260	80	4 1855		
1	Moray	Kinloss	17	13	13	5, 6, 17, 19	20	13	107	323	238	32	0	0	14.3	310	38	5 18	310	55	5 1200		
		Lossiemouth	31	24	18	5	12	10	89	245	292	82	0	0	12.1	330	39	5 20	320	64	5 1830		
	Aberdeen	Dyce	71	9	9	5	9	11	61	307	271	72	0	0	11.9	320	42	5 20	330	67	5 2030		
	Angus	Bell Rock	39	40	38																		
	Perth	Rannoch	307	17	17	5, 6	4	9	79	326	190	115	6	6	12.0	350	40	6 01	340	57	5 2140		
		Tummel Bridge	161	16	16	-	0	4	17	198	338	153	14	14	8.1	260	26	4 20	260	49	19 2125		
	Fife	Leuchars	24	12	12	-	0	7	73	329	252	66	0	0	12.1	240	33	19 16	320	48	5 2025		
	West Lothian	Forth Road Bridge	72	-	72	-																	
	Midlothian	Turnhouse	42	12	10	4	4	10	64	313	248	91	0	0	11.6	260	39	4 17	250	59	4 1615		
		Edinburgh, Blackford Hill	151	15	10	-																	
6a	Argyll	Tiree	27	18	14	1, 5, 6	25	16	169	340	146	40	0	0	16.3	140	42	1 11	140	55	1 1005		
	Dunbarton	Cumbernauld	166	10	10	-																	
	Renfrew	Paisley	57	25	9	-	0	3	12	198	355	155	0	0	7.8	340	26	5 16	280	55	4 1845		
		Abbotsinch	16	10	10	4, 5, 6, 17, 19, 20	0	8	45	273	335	67	0	0	10.5	260	33	4 19	260	58	4 1840		
	Lanark	Lowther Hill	736	13	10	-	35	17	168	358	100	11	48	48	18.3	290	45	4 24	290	68	5 0120		
	Ayr	Hunterston	13	9	9	4	2	9	54	271	238	155	0	0	10.5	210	36	4 23	280	46	5 1635		
		Prestwick	21	10	10	-	0	4	18	316	298	88	0	0	10.3	310	26	5 17	320	45	5 1710		
	Dumfries	Chapelcross	94	15	15	-																	
		Eskdalemuir	251	15	11	5	2	4	26	213	302	177	0	0	8.3	340	39	5 22	340	63	5 2155		
	Wigtown	West Freugh	25	10	10	5, 6	2	6	41	379	288	10	0	0	12.2	350	34	5 24	350	54	5 2250		
6b	Isle of Man	Ronaldsway	25	10	10	5	2	11	64	352	249	53	0	0	12.6	320	34	5 22	320	52	5 2150		
		Point of Ayre	20	10	10	5	6	16	103	421	183	7	0	0	15.2	310	36	5 19	240	52	19 2005		
2	Durham	Durham	119	16	10	-	0	5	52	312	268	88	0	0	11.1	310	32	20 01	300	59	20 0025		
		South Shields	22	17	13	5, 6	5	8	57	358	213	87	0	0	11.9	320	34	5 23	350	58	5 2255		
	Yorks, N.R.	Leeming	42	10	10	-	0	9	43	349	240	88	0	0	11.4	310	30	5 16	350	46	5 2325		
		Silpho Moor	207	15	9	-																	
	Lincoln	Cranwell	76	12	12	-	0	4	12	255	301	152	0	0	8.7	250	29	20 01	250	41	20 0020		
		Binbrook	118	10	10	-	0	7	67	398	199	56	0	0	13.0	310	33	5 24	320	51	6 0025		
		Manby	26	10	10	-	0	3	27	399	245	49	0	0	11.8	340	28	6 08	320	47	6 0015		
3	Norfolk	Gorleston	16	13	13	9, 10	11	12	76	354	220	50	9	9	13.3	050	42	10 09	300	57	6 0150		
	Suffolk	Mildenhall	30	25	18	-	0	3	7	208	341	164	0	0	8.1	300	24	5 18	320	45	6 0135		
	Bedford	Bedford	98	13	9	-	0	4	43	336	287	54	0	0	11.5	330	29	6 09	340	49	6 0815		
		Cardington	69	41	41	-	0	8	84	389	204	43	0	0	13.2	020	29	10 09	330	46	6 1105		
	Hertford	Garston	94	15	10	-	0	1	1	120	495	104	0	0	7.6	310	22	5 24	300	39	5 2035		
		Rothamsted	141	13	10	-	0	0	0	116	502	102	0	0	7.5	310	19	6 02	310	40	5 2130		
	Essex	Stansted	107	9	9	-	0	2	21	363	307	29	0	0	11.0	330	25	6 10	310	43	6 0245		
		Coryton	20	17	15	-	0	1	2	102	443	161	12	12	6.4	330	23	6 10	330	45	6 0910		
		Shoeburyness	36	32	28	-	0	7	58	435	202	25	0	0	13.1	310	30	6 09	330	47	6 0950		
4	Yorks, W.R.	Sheffield	162	25	11	-																	
	Warwick	Edgbaston	196	36	22	-	0	2	22	290	378	30	0	0	10.2	310	26	6 04	300	45	5 2120		
		Elmdon	105	9	9	-	0	6	44	318	317	41	0	0	11.1	310	28	5 17	300	50	5 1835		
	Buckingham	Amersham	152	15	15	-	0	1	3	166	392	91	68	68	8.0	330	22	5 23	330	44	5 2145		
	Stafford	Keels	215	15	10	-	0	2	9	192	383	136	0	0	8.1	330	26	5 10	330	49	5 1855		
	Worcester	Perashore	47	10	10	-	0	7	28	368	207	117	0	0	11.0	350	31	6 12	330	52	5 1940		
	Gloucester	Avonmouth	28	19	10	-	0	11	59	365	181	104	11	11	11.8	040	32	10 11	280	49	20 2110		
5	Greater London	W/Centre	99	70	38	-	0	2	2	393	306	19	0	0	11.0	300	22	5 23	310	44	5 2050		
		Heathrow	35	10	10	-	0	1	1	333	350	36	0	0	10.0	300	22	6 01	300	37	5 2315		
		Hampton	42	31	30	-	0	1	2	265	361	92	0	0	9.1	240	22	2 11	330	42	5 2045		
		Kew	28	23	15	-	0	0	0	262	394	64	0	0	9.0	070	21	9 19	330	45	5 2210		
	Surrey	Gatwick	17	12	10																		



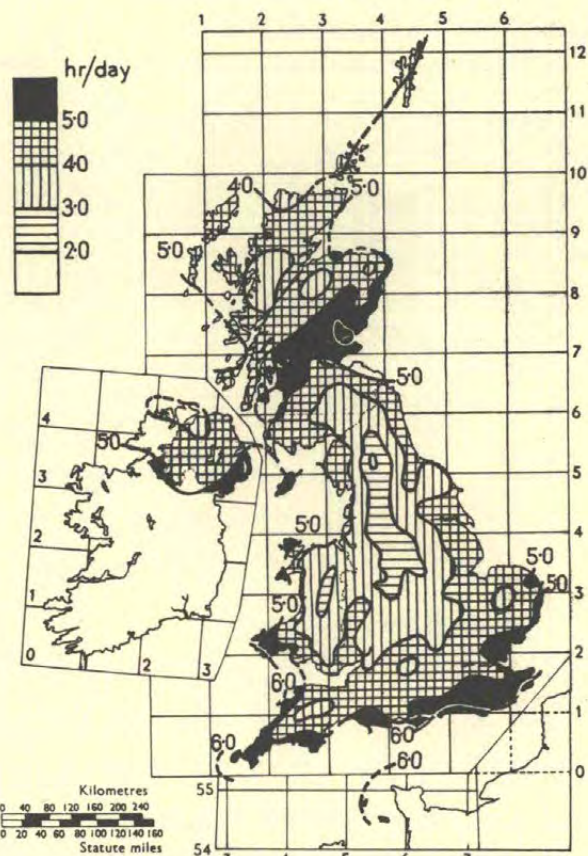
# MONTHLY WEATHER CHARTS APRIL 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

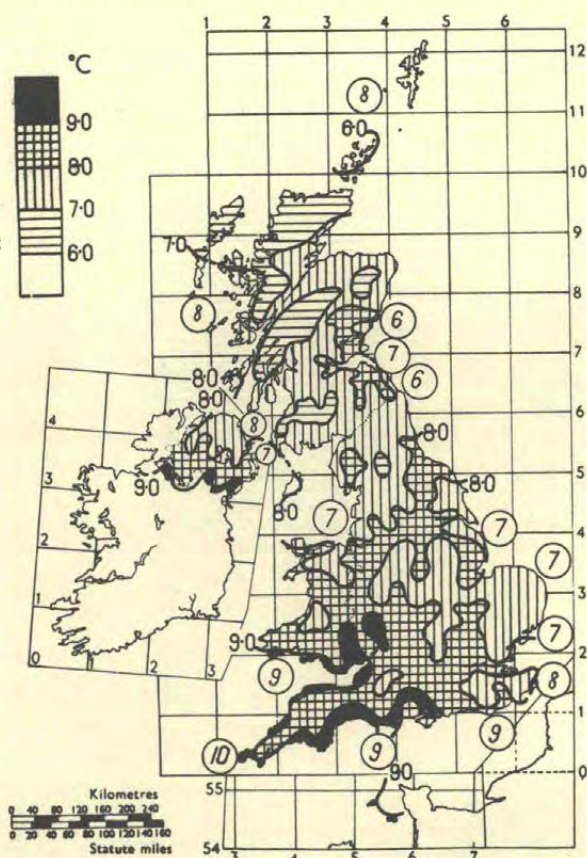


## BRIGHT SUNSHINE

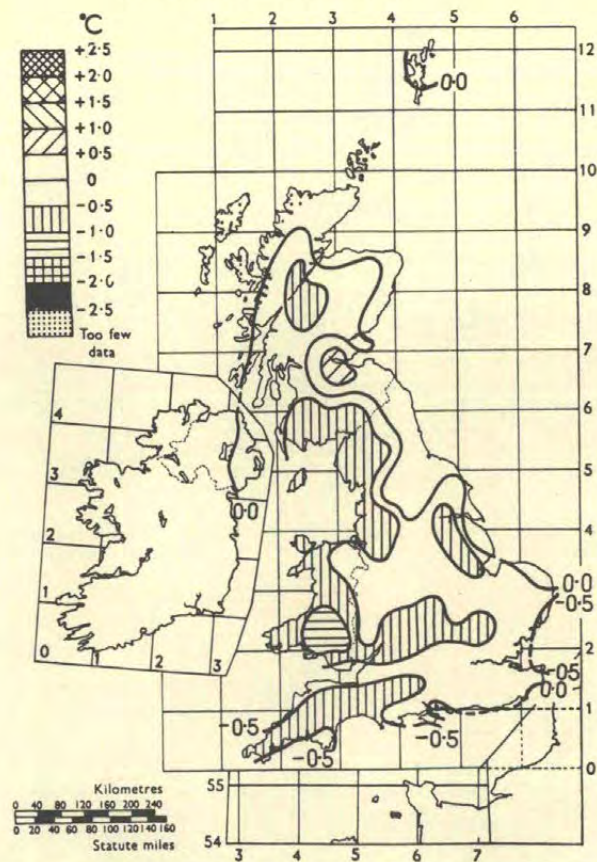


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus 10



## ANOMALY OF MEAN 1 ft. EARTH TEMPERATURE (based on 1931-1960 averages)





# RAINFALL APRIL 1967

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

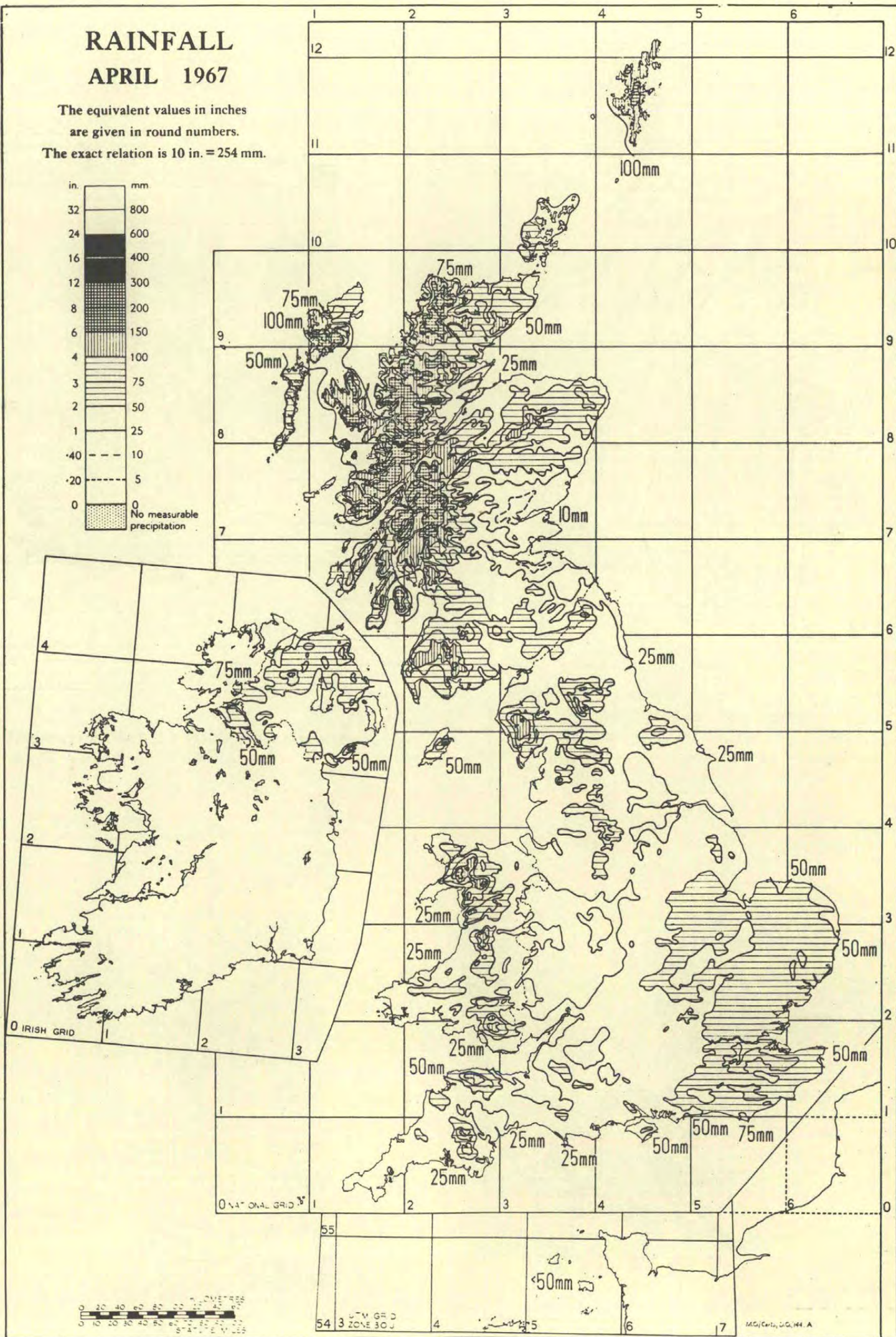
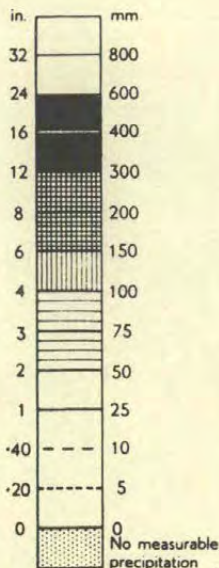




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS

APRIL,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n 0.2 mm. or more 1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date																						
0 SCOTLAND, N.																																	
Zetland	Hamnavoe	99	21	7.9	3.4	5.7	-	11.1	27	-1.1	1	-	-	116	-	29	19	21	16	13	0	0	6	0	0	5	-	7	4.38	-	-		
	Lerwick	21-9	82	7.4	2.8	5.1	-0.4	10.5	28	-3.9	1	-	-	128	171	28	19	21	20	9	4	1	9	0	1	7	8	8	4.00	91	-		
Orkney	Baltasound	99	24	8.3	2.6	5.5	-	12.2	27	-2.8	1	5.1	-	128	171	20	19	23	20	9	4	3	0	0	0	5	-	8	3.98	-	-		
	Sule Skerry	21-9	13	8.3	5.2	6.7	-	10.2	27	0.0	21	-	-	67	-	14	18	21	15	6	0	2	1	0	0	0	3	5	-	-	-		
	Stenness	99	23	9.3	3.1	6.2	-	12.2	27	-2.8	1	6.0	5.9	70	106	14	18	22	15	2	0	1	3	0	1	4	11	6	4.38	-	-		
	Evie	99	34	8.9	2.9	5.9	-	11.7	26	-2.8	1	-	-	62	-	14	30	18	12	-	-	-	-	0	4	8	-	4.86	-	-	-		
Caithness	Kirkwall	21-9	26	8.7	3.1	5.9	-0.4	12.4	14	-1.6	1	-	-	82	124	21	18	19	17	9	0	7	1	1	0	5	13	9	4.80	97	-		
	Dounreay	99	21	9.9	3.1	6.5	-	14.4	16	-3.9	1	-	-	50	-	12	23	16	11	3	1	0	0	0	0	4	10	4	-	-	-		
	Wick	21-9	36	9.7	2.8	6.3	-0.1	16.0	14	-3.0	22	-	-	44	85	9	18	19	9	6	0	2	5	0	0	6	10	5	4.91	97	-		
Sutherland	Cape Wrath	21-9	112	7.6	3.4	5.5	-0.8	11.5	24	-1.4	21	-	-	67	87	10	18	22	17	4	1	0	2	0	3	3	6	6	3.89	-	-	-	
	Achfary	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Achany	99	85	10.6	2.1	6.3	-	16.7	14	-6.1	1	6.3	5.6	75	97	12	20	22	14	8	1	4	0	0	0	10	17	1	4.99	-	-	-	
	Strathay	99	37	9.8	2.4	6.1	-0.4	15.0	14, 16	-4.4	1	-	-	63	89	10	18	21	16	7	1	0	3	0	0	7	-	0	4.09	98	-	-	
Ross & Cromarty	Stornoway	21-9	3	9.8	3.3	6.5	-0.5	13.3	29	-1.7	14	-	-	69	117	9	23	18	15	4	1	0	3	0	0	8	11	2	4.29	91	-	-	
	Balmacara	99	4	10.9	3.9	7.4	-	13.9	27, 28	-0.6	1, 22	-	-	79	-	12	20	18	15	2	0	0	2	0	0	4	-	0	-	-	-	S	
	Poolewe	99	6	10.4	3.1	6.7	-	13.9	14	-2.2	10	-	-	75	71	10	19	18	16	-	-	-	-	0	7	-	-	4.05	-	-	-	-	
	Rudh Re	21-9	16	8.5	4.1	6.3	-	10.3	27	-1.0	1	-	-	-	-	-	-	-	-	1	0	1	0	0	0	1	1	7	-	-	-	-	
	Inverpoll	99	14	10.0	3.3	6.7	-	13.3	28	-1.7	23	6.7	-	75	-	9	18	22	17	5	1	1	2	0	-	7	13	2	-	-	-	-	
	Achnashellach	99	67	10.4	2.6	6.5	-0.4	14.4	16	-4.4	1	-	-	164	115	30	19	23	20	1	0	1	0	0	0	4	-	0	-	-	-	-	
	Kinlochewe	99	23	11.1	2.8	6.9	-0.4	15.6	16	-3.9	1	6.8	-	122	86	25	19	20	18	3	1	1	0	0	0	6	13	2	3.59	-	-	S	
	Fortrose	99	5	10.3	4.7	7.5	+0.1	16.7	29	0.0	1	-	-	28	67	7	20	15	11	0	0	0	0	0	0	1	-	1	4.94	106	-	-	
Inverness	Tarbatness	21-9	18	10.2	3.9	7.1	0.0	16.0	14, 16	-1.5	1	-	-	36	100	8	20	17	13	3	0	0	0	0	0	2	-	1	-	-	-	-	
	Benbecula	21-9	6	9.7	4.5	7.1	-0.4	11.6	15	-0.5	1	-	-	61	94	8	24	19	12	4	0	2	4	0	0	1	11	4	4.56	-	-	-	
	Isle of Rhum	99	5	10.8	3.8	7.3	-	13.3	16, 27	-2.2	1	8.2	7.6	142	99	35	1	20	14	3	0	2	5	0	0	4	14	5	-	-	-	-	
	Prabost	99	67	9.7	3.3	6.5	-	12.8	25	-1.1	1, 22	-	-	105	90	15	24	22	16	3	0	0	7	0	0	3	13	5	4.33	-	-	-	
	Duntulm	99	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Onich	99	15	10.7	3.4	7.1	-0.3	15.0	27	-3.3	1	-	-	116	95	21	19	20	16	-	0	-	-	1	3	13	-	4.39	110	S	-	-	
	Fort William	99	8	10.9	3.6	7.3	-	15.0	27	-3.9	1	7.1	6.7	84	-	20	19	19	15	5	0	0	1	0	0	5	8	2	3.73	-	-	-	-
	Fort Augustus	99	21	10.9	3.4	7.1	0.0	17.8	28	-3.3	1	-	-	51	-	11	19	17	12	2	0	1	0	0	0	6	-	0	4.73	-	-	-	-
	Cannich	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness	99	4	11.4	4.2	7.8	-	18.3	16	-2.8	1	-	-	21	50	8	20	12	7	1	0	0	0	0	0	2	10	0	4.34	-	-	-	-
	Coire Cas Shieling	99	762	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	0	0	0	-	24	-	-	-	-	-	-	
	Cairngorm	99	1090	1.7	-3.8	-1.1	-	8.3	16	-11.1	1	-	-	-	-	-	-	-	-	-	0	0	0	-	12	-	0	-	-	-	-	-	
	Achnagoichan	99	305	9.8	1.0	5.4	-	16.1	28	-7.2	1	5.0	-	51	-	9	7	18	12	0	-	0	0	-	12	-	0	-	-	-	-	-	
	Glenmore Lodge	99	341	9.7	0.6	5.1	-0.3	15.7	27, 28	-8.5	1	-	-	66	94	19	5	18	11	-	3	-	-	-	0	12	21	-	3.54	-	-	-	-
1 SCOTLAND, E.																																	
Nairn	Nairn	99	6	11.1	4.0	7.5	+0.2	17.8	16	-3.9	1	-	-	27	66	11	20	18	5	3	0	2	1	0	0	4	8	2	4.72	100	-	-	-
	Grantown-on-Spey	99	221	10.4	1.5	5.9	-	17.2	16, 28	-8.3	1	-	-	60	-	22	5	16	12	8	1	1	0	0	0	10	-	0	-	-	-	-	-
Moray	Forres	99	47	10.6	3.1	6.9	-0.4	17.2	16	-2.8	1	7.4	6.4	38	97	12	20	19	7	3	0	2	0	0	0	5	11	0	4.28	92	-	-	-
	Kinlloss	21-9	5	11.0	3.3	7.1	0.0	17.9	16	-3.6	1	6.9	-	40	100	13	20	18	13	6	0	1	4	0	0	6	11	6	4.63	-	-	-	-
	Elgin	99	15	11.2	3.4	7.3	-	18.3	16	-2.2	1	-	-	38	86	11	20	18	13	1	0	0	0	0	0	4	10	0	5.26	-	-	-	-
	Lossiemouth	99	6	10.7	2.6	6.7	-0.4	17.8	16	-3.9	1, 23	-	-	35	87	8	20	19	12	4	0	0	0	0	0	8	9	3	-	-	-	-	-
	Gordon Castle	99	32	11.0	3.5	7.3	0.0	18.3	16	-2.8	1	-	-	35	74	13	20	15	11	3	0	1	0	0	-	4	-	1	4.89	107	-	-	-
	Glenlivet	99	215	10.1	2.2	6.1	-	17.2	16	-7.1	1	-	-	63	-	25	5	19	11	7	2	0	0	0	0	10	16	1	4.13	-	-	S	-
Banff	Banff	99	24	10.0	4.3	7.1	-	18.3	16	-2.2	1	-	-	45	-	16	30	13	10	2	0	1	0	0	0	1	-	4	4.74	-	-	-	-
	Braemar	99	339	9.9	0.9	5.4	+0.2	16.7	16, 27, 29	-9.4	1	-	-	43	75	18	5	16	9	-	0	-	-	-	-	10	13	-	4.92	-	-	-	-
Aberdeen	Balmoral	99	283	10.1	0.5	5.3	-0.1	18.3	16, 28, 29	-8.9	1	-	-	52	91	29	5	14	10	6	2	0	0	0	-	13	14	0	-	-	-	-	-
	Dinnert	99	177																														



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Precip'n												Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
									Maximum	Date	Minimum	Date					Total fall (mm.)	Percentage of 1910-50 average	Amount (mm.)	Most in a day	Date	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard				Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					A Max.	B Min.	Maximum	Date	Minimum	Date	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1967

DISTRICT, COUNTY AND PLACE	Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE							
			MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	12 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a Day Amount (mm.)	Precip'n 0.2 mm. or more 1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure				
			A Max.	B Min.			Maximum	Date	Minimum	Date																						
2 ENGLAND, N.E.																																
Northumberland	Kielder Castle ...	99	201	10.1	1.9	6.0	-	20.6	28	-7.2	1	6.4	-	55	72	28	6	14	9	6	0	3	0	0	5	6	16	0	-	-	-	
	Haydon Bridge ...	99	79	10.8	3.3	7.1	-	20.6	28	-5.6	1	6.9	6.6	34	-	7	24	14	8	1	0	0	0	0	5	8	0	-	-	-		
	Corbridge ...	99	49	10.7	3.3	7.0	-	20.0	29	-7.2	1	-	-	33	-	8	8	11	7	1	0	0	2	0	0	4	7	0	-	-		
	Berwick-on-Tweed †	99	23	10.7	4.8	7.7	+0.3	20.0	28	-1.7	1,22	-	-	20	59	6	24	14	5	0	2	0	0	0	2	4	2	5.19	99	-	-	
	Cockle Park †	99	99	(12.1)	(3.4)	(7.7)	(+0.8)	21.7	29	-3.3	22	(6.7)	-	33	87	8	8	(16)	(8)	-	-	-	-	-	3	7	-	(3.92)	(80)	-	-	
Durham	Acklington ...	21-9	42	11.0	3.7	7.3	-	20.6	28	-4.2	1	-	-	25	57	5	24	10	6	1	0	2	2	0	0	2	5	3	4.59	-	-	
	Tynemouth ...	21-9	29	9.8	4.9	7.3	-0.4	18.0	28,29	-2.0	1	-	-	34	83	7	6	11	9	2	0	0	0	0	0	1	6	2	-	-		
	Seahouses ...	21-9	11	10.4	4.9	7.7	-	18.2	16	-1.7	1	-	-	25	-	9	24	11	6	1	0	1	0	0	0	2	5	2	4.50	-	-	
	Chopwellwood ...	99	136	10.7	3.6	7.1	-0.3	21.1	28	-3.3	1	-	-	46	86	12	6	15	9	1	0	0	0	0	3	11	0	-	-	-		
	Ushaw College ...	99	181	10.1	3.3	6.7	-0.5	20.6	28	-3.9	1	-	-	43	90	10	6	15	8	3	0	0	0	2	3	-	2	-	-	-		
	Houghall ...	99	37	11.2	3.5	7.3	-0.2	21.1	28	-6.1	1	-	-	38	84	7	3,8	13	7	3	0	0	1	0	0	4	8	0	3.57	78	S	
	Durham †	99	102	11.5	3.2	7.3	-0.1	22.2	28	-5.0	1	7.5	6.8	38	88	8	6	16	8	-	0	-	-	-	3	8	-	3.79	83	-		
	Hartlepool ...	99	9	11.4	4.7	8.1	-	20.0	16	-2.8	1	-	-	31	76	7	7	14	8	2	0	1	0	0	2	-	2	4.19	-	-		
Yorks, N. Riding	Thirsk ...	99	94	11.8	4.1	7.9	-	21.1	28	-5.0	1	-	-	32	-	7	24	15	10	1	0	0	0	0	2	3	0	-	-	-		
	Leeming ...	21-9	32	11.6	4.2	7.9	-	21.1	28	-4.2	1	-	-	35	-	7	8	12	8	2	0	1	0	0	2	7	0	4.19	-	-		
	York (Heslington) ...	99	20	11.5	4.4	7.9	-	(18.9)	29	-4.4	1	7.8	7.4	24	-	8	24	10	8	-	0	-	-	0	3	4	-	4.29	-	-		
Yorks, E. Riding	Ampleforth ...	99	95	10.9	3.3	7.1	-0.6	18.3	29	-3.8	1	-	-	40	80	10	5	14	11	1	-	0	1	0	2	3	-	0	-	-	-	
	Redcar ...	99	8	11.3	4.7	8.0	-	18.9	16,29	-1.7	1	-	-	31	84	6	5,8	14	7	-	0	-	-	-	0	2	-	-	4.01	-	-	
	Pickering ...	99	44	11.6	3.4	7.5	-	19.2	17	-5.1	1	-	-	42	-	8	5	13	9	1	0	0	2	0	3	6	0	-	-	-		
	Whitby ...	99	41	-	(4.4)	-	-	-	-	-2.2	1	-	-	-	-	-	-	-	-	0	0	0	0	0	1	1	-	0	3.57	-	-	
	Scarborough †	99	36	11.3	4.8	8.1	-0.4	22.2	17	-0.6	1	9.0	8.1	28	62	6	24	11	9	1	0	0	0	0	0	1	2	2	3.83	76	-	
	Silpho Moor ...	99	203	10.1	2.7	6.4	-	19.4	17	-2.8	1	5.9	-	50	93	10	8	15	10	1	1	0	2	0	2	4	13	0	3.89	-	-	
	Whitby C'Guard ...	21-9	63	9.8	4.3	7.1	-	17.5	17	-2.7	1	-	-	15	-	3	24	12	5	1	0	0	1	1	1	1	1	4	-	-		
	High Mowthorpe ...	99	175	10.1	(3.0)	(6.5)	-	17.8	17	-2.8	1	6.1	-	34	71	9	7	12	7	1	0	0	0	0	0	2	11	0	3.87	-	-	
	Hull ... †	99	2	11.8	4.8	8.3	-0.4	19.4	17	-2.2	1	7.9	6.9	27	59	10	24	13	7	1	0	0	0	0	2	6	0	4.32	91	-	-	
	Leconfield ...	21-9	7	11.4	4.2	7.8	-	18.9	17	-2.8	1	-	-	29	-	7	7	12	7	1	0	0	2	0	0	3	9	0	4.21	-	-	
Lincoln	Filey ...	99	37	10.3	3.9	7.1	-	19.4	17	-2.2	1	-	-	25	52	6	24	10	6	0	2	1	0	0	2	3	0	4.13	-	-		
	Bridlington ...	99	48	10.6	3.7	7.1	-	20.0	17	-2.2	1	-	-	34	71	11	24	12	9	0	0	1	0	0	2	5	3	4.54	-	-		
	Kilnsea ...	21-9	12	9.9	4.4	7.1	-	19.6	17	-2.6	1	-	-	25	-	8	24	15	8	1	0	0	1	0	1	0	1	4	(4.60)	-	-	
	Waddington ...	21-9	68	10.9	3.8	7.3	-1.0	19.3	17	-2.1	1	-	-	41	-	13	24	15	12	2	0	1	0	0	2	8	0	4.23	-	-		
	Lincoln ... †	99	7	11.6	3.2	7.4	-	19.4	17	-6.7	1	7.1	6.8	40	93	11	24	20	9	0	0	0	0	0	1	4	13	0	3.94	-	-	
	Cranwell †	99	62	11.0	3.6	7.3	-0.9	19.9	17	-2.9	1	7.6	7.4	44	105	13	24	15	9	1	0	1	0	0	1	3	8	0	3.72	71	-	
	Brigg ...	99	3	11.6	3.6	7.6	-	18.9	17	-5.0	1	-	-	37	-	11	24	16	9	1	0	1	0	0	3	6	0	-	-	-		
	Caistor ...	99	30	11.4	3.7	7.5	-	18.3	17	-6.1	1	-	-	43	-	10	24	16	11	-	-	-	-	-	3	-	-	-	-	-		
	Binbrook ...	21-9	108	10.3	4.0	7.1	-	19.2	17	-2.9	1	-	-	36	-	9	24	14	10	1	0	2	1	0	1	2	5	2	-	-	-	
	Cleethorpes ...	99	7	-	3.8	-	-	-	-	-1.1	3	-	-	23	53	8	24	5	5	-	0	-	-	-	0	2	-	-	2.96	56	-	
Manby ...	21-9	17	11.3	3.9	7.6	-	20.2	17	-3.8	1	7.9	-	34	81	9	24	13	12	2	0	0	1	0	0	4	8	0	4.44	-	-		
Skegness ...	99	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	-	0	0	0	2	-	0	4.33	80	-	-		
3 ENGLAND, E.																																
Norfolk	Terrington St. Cl. ...	99	4	11.7	3.8	7.7	-	20.6	17	-4.4	1	7.6	-	48	126	14	10	13	10	0	0	0	0	0	1	4	5	0	4.71	-	-	
	Santon Downham ...	99	24	11.9	1.8	6.9	-	21.7	17	-7.8	1	7.4	7.2	67	129	16	10	18	12	-	0	-	-	-	9	11	-	3.94	-	-		
	West Raynham ...	21-9	76	10.5	3.7	7.1	-1.0	19.9	17	-2.2	1	-	-	65	125	19	10	15	11	1	0	0	1	0	1	3	7	0	4.55	-	-	
	East Dereham ...	99	53	11.6	3.5	7.5	-	20.9	17	-2.6	24	-	-	58	-	16	10	13	11	1	0	3	0	0	1	4	8	2	-	-	-	
	Cromer ...	99	54	9.8	4.2	7.0	-1.3	20.0	17	1.1	1,22,24	-	-	52	111	24	10	11	8	-	0	-	-	-	0	7	-	4.47	83	-	-	
Suffolk	Sproston †	99	28	10.8	3.1	6.9	-1.4	20.0	17	-3.3	24	7.7	-	57	124	18	10	15	13	1	0	1	0	0	0	5	10	0	4.79	90	-	-
	Coltishall ...	21-9	17	10.9	3.8	7.3	-	21.0	17	-3.4	24	-	-	50	-	17	10	14	10	1	0	0	1	0	0	3	9	0	-	-	-	
	Burlingham ...	99	27	10.9	3.9	7.4	-	20.0	17	-1.7	24	-	-	51	113	17	10	14	12	0	0	0	3	0	0	3	9	0	5.45	-	-	
	Gorleston †	21-9	4	10.0	5.0	7.5	-0.6	19.2	17	-0.6	1	8.9	8.0	41	98	11	10	16	13	0	0	1	0	0	1	2	2	4.87	88	-	-	
	Mildenhall ...	21-9	5	11.8	4.0	7.9	-0.9	21.5	17	-3.1	1	-	-	51	119	14	10	15	10	1	0	0	1	0	1	5	10	0	4.62	86	-	-
Cambridge	Broom's Barn ...	99	75	11.3	3.5	7.4	-	20.6	17	-3.3	1	-	-	60	-	17	10	16	11	1	0	1	0	1	1	3	8	0	4.42	-	-	
	East Bergholt ...	99	4	12.3																												







TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1967

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE								
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1915-50 average	Most in a day (mm.)	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date																							
5	ENGLAND, S.E.—cont.																																	
Surrey	Gatwick ...	21-9	59	12.2	2.8	7.5	-1.1	20.3	17	-5.2	1	-	-	61	105	20	9	10	9	0	0	0	0	0	7	15	0	5.39	-	-	-			
	Witley ...	99	35	12.1	4.0	8.1	-0.8	18.3	17	-3.9	1	8.7	8.4	47	92	12	9	12	9	0	0	0	1	0	4	14	0	4.22	-	-	-			
	Mickleham ...	99	55	12.1	2.9	7.5	-	20.0	17	-5.0	1	-	-	55	98	15	9	11	10	-	-	-	-	0	7	14	-	-	-	-	-			
Kent	Swanley ...	99	54	11.7	2.9	7.4	-	20.6	17	-3.9	1,24	8.3	-	81	165	21	9	12	8	0	0	1	0	0	6	11	0	4.48	-	-	-			
	Dartford ...	99	5	12.3	3.6	7.9	-	20.6	17	-3.3	1	-	-	67	146	17	9	13	8	0	0	0	0	0	4	-	0	-	-	-	-			
	Gillingham ...	99	4	12.0	4.4	8.2	-	20.6	17	-1.7	24	-	-	72	153	26	9	13	10	-	-	-	-	2	-	-	-	-	-	-	-			
	Isle of Grain ...	99	3	12.1	(5.3)	(8.7)	-	21.1	17	0.0	23	-	-	58	145	25	9	10	10	0	0	0	0	0	0	5	0	4.91	-	-	-			
	Dungeness ...	21-9	3	11.3	4.4	7.9	-0.5	15.8	5	-2.5	1	-	-	55	122	22	9	11	7	0	0	0	0	0	2	-	0	-	-	-	-			
	Whitstable ...	99	3	10.9	-	-	-	19.4	17	-2.8	24	-	-	67	167	23	9	14	13	0	0	1	0	1	0	-	2	5.20	-	-	-	-		
	Folkestone ...	99	39	11.6	4.3	7.5	-	15.6	5	-0.0	1	-	-	67	143	22	9	16	11	1	0	0	0	0	1	5	3	6.34	-	-	-	-		
	Elmstone ...	99	9	11.6	3.3	7.5	-	18.9	17,30	-2.2	24	-	-	68	-	20	9	13	12	-	-	-	-	0	9	9	-	-	-	-	-			
	Herne Bay ...	99	6	11.1	5.2	8.1	-	19.4	30	0.6	24	-	-	66	157	22	9	14	10	0	0	2	0	0	0	-	0	5.05	-	-	-	-		
	Dover ...	99	6	11.4	4.9	8.1	-0.8	15.6	5	-0.0	22	9.6	9.2	59	116	17	9	14	10	3	0	1	0	0	1	1	0	-	-	-	-	-		
	Deal ...	21-9	5	10.6	5.1	7.9	-	15.0	4	-0.3	1	-	-	52	-	21	9	12	8	0	0	0	0	2	0	1	4	0	-	-	-	-		
	Manston ...	21-9	44	10.8	4.3	7.5	-	19.0	17	0.2	19	-	-	62	163	20	9	13	9	0	0	1	1	2	0	0	8	0	-	-	-	-		
	Ramsgate ...	99	24	10.6	5.3	7.9	-	16.1	17	1.7	1,22	-	-	73	187	20	9	13	11	0	0	0	0	2	0	0	-	6.12	103	-	-	-		
	Margate ...	99	16	9.9	5.6	7.7	-1.3	18.3	17	2.8	17,19	8.4	8.4	47	131	17	9	13	10	0	0	0	0	0	0	2	5.44	89	-	-	-	-		
	West Malling ...	99	93	11.4	3.3	7.3	-	19.9	17	-1.6	24	-	-	72	-	20	9	13	9	0	0	1	0	0	1	5	11	0	5.31	-	-	-		
	Goudhurst ...	99	85	12.3	2.7	7.5	-	20.6	17	-3.9	1	-	-	74	125	31	9	14	10	1	0	0	0	0	0	8	18	0	-	-	-	-		
	East Malling ...	99	37	11.8	3.4	7.6	-1.0	20.6	17	-3.3	1,24	7.9	8.0	67	126	27	9	14	9	0	0	0	0	0	0	5	10	0	4.93	92	-	-	-	
	Faversham ...	99	48	11.0	3.0	7.0	-	19.4	17	-2.8	24	7.9	7.8	78	-	22	9	14	12	0	0	1	0	0	0	8	12	0	5.15	-	-	-	-	
	Wye ...	99	56	11.1	(3.9)	(7.2)	(-1.5)	18.3	17	-2.8	24	7.9	7.7	65	118	21	9	13	9	0	0	1	0	0	1	5	9	0	4.90	86	-	-	-	
Sussex	Thorney Island ...	21-9	3	12.6	4.9	8.7	-	19.5	17	-1.3	1	-	-	33	73	11	9	11	7	0	0	0	0	0	0	1	12	0	5.60	-	-	-	-	
	Bognor Regis ...	99	7	12.2	4.7	8.5	-0.3	16.1	15,28	-1.7	1	-	9.2	52	104	17	9	9	7	0	0	0	0	0	1	5	0	6.05	100	-	-	-	-	
	Fernhurst ...	99	57	12.4	3.6	8.0	-	21.1	17	-3.9	1	8.3	-	56	93	18	9	12	9	0	0	0	0	-	5	10	0	5.37	-	-	-	-		
	Littlehampton ...	99	5	12.7	4.5	8.6	-0.3	16.7	15,28	-1.1	1	-	9.1	43	91	14	9	9	7	0	0	0	0	0	1	-	0	6.27	103	-	-	-	-	
	Rustington ...	99	3	12.5	(4.0)	(8.3)	-	16.1	15,28	-1.7	1	-	8.6	44	-	14	9	10	6	-	-	-	-	-	2	16	-	5.66	-	-	-	-		
	Worthing ...	99	8	12.3	4.9	8.6	-0.4	16.1	15,28	0.0	1	9.1	8.7	52	116	10	9	10	9	0	0	0	0	0	0	4	0	6.41	103	-	-	-	-	
	Brighton ...	99	10	12.2	(5.1)	(8.7)	-	16.7	28	0.6	3	-	9.5	69	150	18	9	10	8	1	0	0	0	0	0	0	0	6.57	109	-	-	-	-	
	Plumpton ...	99	76	(11.6)	(3.8)	(7.7)	-	17.2	17	-1.7	1	-	-	72	-	19	24	11	10	-	-	-	-	1	1	8	-	5.90	-	-	-	-	-	
	Wakehurst Place ...	99	125	(11.8)	(2.8)	(7.3)	-	(20.0)	(17)	(-1.1)	(1)	-	-	(78)	-	24	0	13	11	0	0	0	0	0	0	2	13	0	-	-	-	-	-	
	East Hoathly ...	21-9	40	12.0	2.8	7.4	-	18.2	17	-4.8	1	-	-	59	-	23	24	10	8	0	0	0	0	0	0	8	14	0	5.83	-	-	-	-	
	Eastbourne ...	99	7	11.8	5.0	8.4	-0.6	15.6	17,27	0.6	1	9.6	9.6	62	122	21	24	10	7	0	0	0	0	0	0	0	3	0	6.50	104	-	-	-	-
	Eastbourne C'Guard ...	21-9	3	11.4	4.0	7.7	-	15.7	17	-2.2	1	-	-	66	129	16	9	10	7	1	0	0	0	0	0	1	8	1	-	-	-	-	-	
	Bexhill ...	99	4	11.6	4.7	8.1	-0.7	15.6	5	-1.7	1	9.6	-	58	121	23	9	10	8	0	0	0	0	0	0	1	4	0	6.37	107	-	-	-	-
	Bodiam ...	99	22	12.2	3.3	7.7	-	20.0	17	-3.3	24	8.6	8.2	73	133	29	9	9	9	0	0	0	0	0	0	6	12	2	5.38	-	-	-	-	
Berkshire	Hastings ...	99	45	11.7	4.7	8.2	-0.7	16.1	5	-1.1	1	9.6	9.3	65	133	32	9	15	8	0	0	0	0	0	0	1	9	0	5.95	98	-	-	-	-
	Letcombe Regis ...	99	107	(11.8)	(3.7)	(7.7)	-	20.0	17	-5.6	1	-	-	37	-	8	10	13	7	0	0	0	0	0	1	3	-	0	-	-	-	-	-	
	Abingdon ...	21-9	69	12.0	4.2	8.1	-0.7	20.1	17	-5.4	1	-	-	40	85	14	10	11	8	0	0	2	0	0	0	3	10	0	4.16	-	-	-	-	
	Compton ...	99	103	(11.7)	(3.6)	(7.7)	-	(20.0)	(17)	-5.6	1	(8.7)	-	36	-	9	10	10	10	-	0	-	-	-	3	12	-	(4.12)	-	-	-	-	-	
	Wallingford ...	99	48	12.1	3.8	7.9	-	20.6	17	-3.9	1	8.3	8.1	36	-	10	24	11	7	0	0	1	1	0	0	4	10	0	4.09	-	-	-	-	-
	Shinfield ...	99	61	(12.3)	(4.0)	(8.1)	(-0.8)	21.1	17	-3.9	1	-	-	36	77	10																		



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE					
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	Most in a day	Number of Days										Daily Mean (hr.)	Percentage of 1911-60 average	Exposure			
				A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date						Precip'n	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale						
																														0.2 mm. or more	1.0 mm. or more	
7a ENGLAND, N.W.—cont.																																
Lancashire	Grizedale	9 9	91	11.6	2.4	7.0	-	20.6	28	-4.4	1	7.2	-	82	-	30	1	15	10	1	0	0	0	0	0	5	18	0	-	-	-	
—cont.	Speke	21-9	22	11.3	5.1	8.2	-	16.5	19,29	-2.0	1	-	-	32	74	10	24	11	5	1	0	3	0	1	0	1	1	1	3.81	-	-	
	Kirkham	9 9	24	10.7	3.8	7.3	-	15.0	14,27,28	-2.8	1	-	-	37	73	12	1	14	6	0	0	1	0	0	1	2	11	0	3.91	-	-	
	Garstang	9 9	21	(10.8)	(3.6)	(7.2)	-	15.6	29,30	-2.8	1	-	-	32	63	11	1	8	8	0	0	-	-	-	4	9	-	3.85	-	-		
	Morecambe	9 9	7	10.3	5.3	7.8	-0.5	16.1	28,29	-1.1	1	-	-	39	75	11	24	11	8	0	0	0	0	0	0	1	-	0	3.89	70	-	
	Penketh	9 9	15	-	-	-	-	-	-	-	-	7.6	7.4	29	-	9	24	10	9	0	0	0	0	0	0	0	-	0	-	-	-	
	Preston	9 9	33	10.8	(4.3)	(7.5)	-	16.1	28,29	-2.2	1	-	-	35	63	12	1	13	8	1	0	0	1	0	2	1	10	0	-	-	-	
	Stonyhurst	9 9	115	10.6	3.9	7.3	-0.4	17.2	28	-2.8	1	-	-	44	65	9	1	14	8	0	0	-	-	-	1	1	4	-	3.19	67	-	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore	9 9	260	9.1	3.4	6.3	-	16.7	28	-3.3	1	6.3	-	63	67	14	1	16	11	0	0	-	-	-	2	1	11	-	2.93	-	-	
	Burnley	9 9	200	-	3.3	-	-	-	-	-3.9	1	6.1	6.2	40	-	6	120	16	11	2	0	0	0	1	1	4	12	0	2.71	-	-	
	Nelson	9 9	165	9.6	3.9	6.7	-	17.3	28	-4.0	1	6.4	6.2	37	54	8	20	12	9	0	0	-	-	-	1	2	8	-	2.64	-	-	
	Rochdale	9 9	110	(10.7)	(4.1)	(7.4)	-	19.4	28	-4.4	1	-	-	37	54	9	24	13	9	2	0	0	0	0	0	2	4	0	-	-	-	
Cheshire	West Kirby Park	9 9	8	11.0	5.1	8.1	-	16.1	19	-2.2	1	-	-	33	-	8	24	12	7	-	-	-	-	-	1	5	-	3.44	-	-		
	Bidston	9 9	60	10.1	5.1	7.6	-0.7	14.4	19	-0.6	1	-	-	33	77	9	1	10	6	-	-	-	-	1	1	1	-	3.77	72	-	-	
	Ness Gardens	9 9	55	-	(4.0)	-	-	-	-	-2.8	1	-	-	32	-	7	24	9	7	-	-	-	-	-	2	13	-	-	-	-	-	
	Winnington	9 9	20	11.9	5.0	8.5	-	18.3	29	-1.7	1	-	-	30	63	8	20	12	9	0	0	0	0	0	1	1	2	2	-	-	-	
	Knutsford	9 9	65	11.4	4.1	7.7	-	18.4	29	-3.1	1	7.6	7.2	33	66	7	24	13	7	-	0	-	-	-	1	11	-	-	-	-	-	
	Ringway	21-9	76	10.8	4.6	7.7	-0.4	17.5	29	-2.6	1	-	-	26	54	6	24	12	7	3	0	0	0	0	1	1	2	0	3.27	71	-	
	Macclesfield	9 9	152	10.5	4.1	7.3	-0.6	16.7	29	-1.7	1	-	-	39	63	9	24	13	9	3	0	0	0	1	0	1	-	0	-	-	-	
7b NORTH WALES																																
Flint	Rhyl	9 9	9	10.6	5.4	8.0	-0.6	14.4	19	-2.2	1	-	-	32	80	8	24	13	8	0	0	0	0	1	0	0	1	1	0	3.63	67	-
	Prestatyn	9 9	4	10.4	5.4	7.9	-	15.6	19	-1.1	1	-	-	37	86	11	1	10	8	1	0	0	0	0	0	1	-	0	3.18	61	-	
	Hawarden Bridge	9 9	5	11.6	5.2	8.4	-0.5	17.8	29	-2.8	1	-	-	33	73	8	20	11	8	0	0	0	2	0	0	1	-	0	-	-	-	
Anglesey	Valley	21-9	10	11.1	5.3	8.2	-0.3	15.6	29	-2.3	1	-	-	47	98	15	1	12	9	0	0	1	0	0	0	1	4	2	5.74	97	-	
Denbigh	Colwyn Bay	9 9	36	10.7	5.6	8.1	-0.6	15.6	19	-0.6	1	8.3	-	17	39	5	20	9	5	0	0	2	0	0	0	1	-	0	3.91	71	-	
	Alwen	9 9	335	9.4	(1.7)	(5.5)	-	17.2	29	-8.9	1	-	-	57	73	15	8	15	11	-	-	-	-	-	9	12	-	-	-	-	-	
	Ruthin	9 9	76	11.0	4.2	7.6	-	16.7	29	-3.3	1	-	-	34	-	9	8	13	8	-	0	-	-	-	0	2	-	-	3.24	-	-	
	Loggerheads	9 9	210	(10.0)	3.2	(6.6)	-	16.1	17	-5.0	1	6.5	6.6	43	-	11	20	11	9	5	0	0	0	0	1	2	7	0	-	-	-	
	Bwlchwyn	9 9	386	(9.2)	2.3	(5.7)	-	17.2	29	-2.8	1	5.6	-	42	58	8	20	16	11	2	1	0	0	0	0	7	11	0	-	-	-	
Caernarvon	Wrexham	9 9	84	(11.3)	(4.6)	(7.9)	-	17.8	17,29	-1.7	1	7.4	7.0	25	44	13	8	13	8	1	0	1	0	0	0	1	5	0	-	-	-	
	Bardsey Island	21-9	18	10.2	6.3	8.3	-	13.0	30	1.3	1	-	-	25	-	14	1	7	5	-	0	-	-	0	0	1	-	-	-	-	-	
	Botwnnog	9 9	34	(11.5)	(4.9)	(8.1)	-	14.4	14,29,30	-2.2	1	9.2	8.6	41	-	17	1	8	7	1	0	2	0	0	0	1	4	0	5.51	-	-	
	Bryn Adda	9 9	84	11.1	4.8	7.9	-	17.8	29	-2.8	1	-	-	51	77	11	8	11	8	0	0	0	1	0	0	1	6	0	4.54	-	-	
	Aber	9 9	18	10.9	5.2	8.1	-0.7	15.0	28,29	-1.7	1	-	-	42	71	10	8	12	9	1	0	3	0	0	0	1	7	0	3.63	68	-	
	Llandudno	9 9	4	10.3	5.8	8.1	-0.7	14.4	29	-1.1	1	-	-	32	74	9	1	13	10	0	0	2	0	0	0	1	-	1	3.57	63	-	
Merioneth	Trawsfynydd	9 9	186	(10.6)	(3.7)	(7.1)	-	17.2	16	-2.8	1	-	-	66	-	20	1	13	9	-	0	-	-	-	1	1	7	-	-	-	-	
	Blaenau Ffestiniog	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen	9 9	144	10.7	(2.7)	(6.7)	-	18.9	17	-5.6	1	-	-	36	54	8	8	13	11	1	0	1	0	0	6	14	0	-	-	-	5	
Montgomery	Ceiriws	9 9	61	12.5	3.5	8.0	-	19.4	29	-5.6	1	-	-	93	-	47	1	14	10	-	-	-	-	0	2	15	-	-	-	-	-	
	Lake Vyrnwy	9 9	303	9.9	3.0	6.4	-	17.8	17	-4.4	1	6.2	-	58	56	18	1	15	9	4	0	0	0	0	0	2	9	0	-	-	-	
8a SOUTH WALES																																
Cardigan	Aberporth	21-9	133	9.7	5.3	7.5	-0.7	13.6	19	-1.6	1	-	-	20	33	8	1	11	5	0	0	1	0	0	2	1	2	2	4.58	-	-	
	Aberystwyth	9 9	138	10.4	-	-	-	15.6	14	-1.7	1	-	-	34	56	15	1	11	6	0	0	0	0	0	3	1	8	0	3.98	75	-	
	Frongoch	9 9	31	11.3	4.1	7.7	-	16.1	14	-3.3	1	-	-	35	60	14	1	10	7	0	0	1	0	0	3	11	0	3.55	-	-	-	
	Swyddfynnon	9 9	165	(11.1)	(2.7)	(6.9)	-	17.2	30	-2.8	15	-	-	38	48	15	1	11	9	-	0	-	-	-	3	12	-	-	3.66	-	-	
	Trawscoed	9 9	61	(11.4)	(3.6)	(7.5)	-	17.2	30	-4.4	1	8.3	-	37	51	15	1	10	7	0	0	0	0	0	2	14	0	3.87	-	-	-	
	Llety-evan-hen	9 9	290	9.5	(3.3)	(6.4)	-	14.4	28,29	-1.1	1	-	-	58	67	21	1	11	9	0	0	3	0	0	3	12	0	3.55	73	-	-	
	Cwmystwyth	9 9	301	-	(2.3)	-	-	-	-	-3.9	1	-	-	69	-	23	1	14	13	-	0	-	-	-	5	16	-	-	-	-	-	
Pembroke	Dale Fort	9 9	33	(11.7)	(6.2)	(8.9)	-	16.7	29	1.1	1	9.3	-	15	-	9	1	6	4	0	0	0	0	0	0	1	0	6.09	-	-	-	
	Milford Haven C.B.	21-9	37	11.8	5.6	8.7	-	17.0	17	0.0	1	-	-	30	-	17	1	8	4													



1967

(-) † ¶ § € S See Notes on Tables in the Introduction \* Sunshine figures are for Cross Island



TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	4-7	4-5	1-3	Caln									
																										24 or more	22-23	11-21	1-10	0									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	83m.	3	1013.4	-	4.1	0.7	7.4	89	6.0	2	4	2	6	16	0	0	0	0	0	1	2	5	9	10	3	1	9	9	10	1	9	2	0	1	3	2	8	4	
		9	1014.1	+3.0	5.4	1.3	7.3	81	6.3	1	3	2	15	8	1	0	0	0	1	0	0	1	4	10	12	2	0	8	17	5	0	7	3	1	1	3	3	7	5
		15	1013.5	-	6.1	1.4	7.6	79	6.2	1	2	6	11	10	0	0	0	0	1	0	0	5	5	13	6	1	9	15	5	0	3	6	0	1	3	7	3	7	
Orkney Kirkwall	26m.	21	1013.4	-	4.6	0.8	7.5	87	6.6	1	2	1	12	14	0	0	0	0	0	0	1	6	14	4	5	2	5	12	9	2	8	2	0	1	2	5	7	3	
		3	1015.5	-	4.9	0.6	7.9	90	4.9	2	6	7	5	10	0	0	0	0	0	0	0	4	10	14	2	3	6	10	10	1	6	2	0	0	4	4	8	5	
		9	1016.1	+4.5	6.7	1.3	8.0	81	5.5	1	3	8	13	5	0	0	0	0	1	0	0	1	6	18	4	4	6	13	7	0	6	3	1	0	3	3	9	5	
Caithness Wick	37m.	15	1015.3	-	7.7	1.7	8.2	77	5.8	0	7	3	10	10	0	0	0	0	0	0	0	4	5	16	4	2	6	9	11	2	4	3	1	1	6	2	9	2	
		21	1015.3	-	5.4	0.8	7.9	86	5.7	0	6	3	13	8	0	0	0	0	0	0	0	4	9	14	3	2	6	9	11	2	4	3	1	1	6	2	9	2	
		3	1015.9	-	4.3	0.7	7.4	88	4.5	2	10	2	9	7	0	0	0	0	0	1	0	4	5	16	4	0	3	13	14	0	5	1	0	1	4	4	10	5	
Sutherland Cape Wrath*	113m.	9	1016.5	+4.5	6.9	1.3	8.1	80	5.2	0	2	4	20	4	0	0	0	0	0	0	0	3	9	9	9	0	7	13	10	0	6	2	0	1	3	3	9	6	
		15	1015.4	-	8.4	2.3	7.7	69	5.6	0	4	7	15	4	0	0	0	0	0	0	0	2	5	12	11	2	8	12	8	0	3	4	5	0	4	3	3	8	
		21	1015.6	-	5.5	1.0	7.7	84	5.0	1	7	4	14	4	0	0	0	0	0	0	1	5	10	9	2	2	11	13	2	4	4	0	2	3	6	7	3		
Ross & Cromarty Stornoway	5m.	3	1015.9	-	5.3	0.7	8.0	88	5.9	0	3	9	5	8	5	0	2	1	2	0	0	0	1	7	17	2	10	9	8	1	3	4	0	2	2	10	3	5	
		9	1016.5	-	5.8	0.8	8.1	87	6.2	0	0	9	12	6	3	0	3	0	0	0	0	1	2	10	14	2	5	11	10	2	2	4	1	1	3	10	3	4	
		15	1015.6	-	6.2	0.9	8.3	86	6.5	0	1	6	10	10	3	0	1	1	1	0	0	1	3	14	9	1	8	9	12	0	2	3	3	2	1	10	4	5	
Inverness Benbecula	6m.	21	1015.3	-	5.7	0.8	8.1	87	6.5	1	1	5	7	13	3	0	1	1	0	0	1	2	11	13	2	6	10	12	0	2	5	2	2	0	11	4	4		
		3	1018.0	-	4.8	0.5	8.1	92	4.8	4	7	3	5	11	0	0	0	0	0	0	0	3	9	16	2	0	2	10	16	2	5	1	0	0	4	4	8	6	
		9	1018.1	+6.1	7.2	1.4	8.3	80	5.8	0	4	7	12	7	0	0	0	0	0	0	0	3	9	9	9	0	4	14	10	2	3	2	0	3	8	5	5		
Fife Leuchars	12m.	15	1017.3	-	8.3	1.6	8.6	78	6.5	0	2	4	13	11	0	0	0	0	0	0	0	3	6	11	10	1	3	22	4	0	3	4	0	1	6	4	8	4	
		21	1017.3	-	6.0	0.7	8.5	89	4.7	2	7	6	6	9	0	0	0	0	0	0	0	4	17	5	4	0	4	12	13	1	3	4	1	0	4	8	5	4	
		3	1018.7	+6.2	6.0	0.7	8.5	89	5.3	1	4	10	5	10	0	0	0	0	0	0	1	5	7	12	5	1	2	17	8	2	8	0	0	5	4	7	4		
Midlothian Turnhouse	44m.	9	1018.7	-	7.6	1.3	8.6	81	5.5	0	7	3	12	8	0	0	0	0	0	0	4	1	8	10	7	0	10	12	8	0	2	5	0	1	4	6	7	5	
		15	1017.9	-	8.4	1.4	8.9	81	6.1	0	4	2	18	6	0	0	0	0	1	1	1	9	10	8	1	6	20	3	0	2	2	2	0	5	5	9	5		
		21	1018.2	-	6.5	0.6	8.8	89	4.9	1	10	2	9	8	0	0	0	0	1	0	2	3	5	12	7	0	3	19	8	0	8	1	0	0	4	5	7	5	
1 SCOTLAND, E.																																							
Moray Kinloss	6m.	3	1017.3	-	5.0	0.8	7.8	87	6.0	1	3	4	14	8	0	0	1	0	0	0	4	4	10	11	1	3	12	13	1	2	0	1	0	3	11	8	4		
		9	1017.7	+5.2	7.8	1.5	8.5	79	6.2	0	2	3	22	3	0	0	0	0	0	0	4	5	8	13	0	5	15	9	1	3	2	0	0	2	5	12	5		
		15	1016.5	-	9.6	2.2	8.8	73	5.7	0	5	4	17	4	0	0	0	0	0	0	5	6	5	14	3	3	15	9	0	4	5	2	0	2	3	8	6		
Aberdeen Dyce	59m.	21	1016.7	-	6.4	0.9	8.4	86	5.6	0	5	5	14	6	0	0	0	0	0	0	6	6	11	7	1	4	11	14	0	3	2	5	0	1	10	6	3		
		3	1016.3	-	4.6	1.1	7.1	83	5.4	4	1	5	15	5	0	0	0	0	1	0	2	4	9	8	6	0	3	11	12	4	4	1	0	2	7	9	9		
		9	1016.8	+3.8	7.8	2.0	7.8	73	5.7	0	5	5	13	7	0	0	0	0	0	0	1	3	8	7	11	0	3	15	12	0	9	0	0	3	4	6	8		
Angus Usan	35m.	15	1015.8	-	9.6	3.1	7.4	61	5.9	0	3	9	14	4	0	0	0	0	0	0	1	3	5	10	11	0	6	18	6	0	6	3	2	3	4	0	6	6	
		21	1016.0	-	5.7	1.2	7.7	83	5.2	1	8	2	12	7	0	0	0	0	0	0	3	11	8	3	5	1	0	10	15	4	6	0	0	4	2	4	10		
		3	1016.4	-	5.5	1.2	7.5	82	4.2	8	4	3	8	7	0	0	0	0	0	0	1	3	5	20	0	3	10	14	3	7	1	0	0	1	0	10	8		
Fife Leuchars	12m.	9	1017.0	-	8.1	1.8	8.2	75	5.6	0	4	9	9	8	0	0	0	0	0	0	4	3	7	16	0	1	17	8	4	6	3	0	0	1	6	6	4		
		15	1016.0	-	9.9	2.5	8.5	70	5.5	1	3	9	8	9	0	0	0	0	0	2	1	7	5	15	0	5	12	11	2	5	4	2	0	5	3	7	2		
		21	1015.9	-	6.8	1.3	8.2	82	4.6	2	8	5	7	8	0	0	0	0	0	0	4	3	5	18	1	2	10	12	5	7	2	1	2	1	4	6	2		
Midlothian Turnhouse	44m.	3	1017.0	-	5.0	1.2	7.2	81	4.9	4	5	3	12	6	0	0	0	0	0	0	2	7	9	12	0	2	10	16	2	5	2	0	0	6	11	4			
		9	1017.5	+4.1	8.3	2.2	7.8	70	5.7	0	4	7	14	5	0	0	0	0	0	0	1	2	5	9	13	0	0	20	9	1	6	3	0	1	1	6	9	3	
		15	1016.3	-	10.6	3.1	8.1	63	5.5	0	3	8	13	6	0	0	0	0	0	0	0	4	5	10	11	0	4	15	11	0	1	5	3	2	5	3	5	6	
Midlothian Turnhouse	44m.	21	1016.5	-	6.5	1.5	7.7	78	5.1	1	7	4	11	7	0	0	0	0	0	0	6	8	8	8	0	3	11	13	3	5	3	1	1	1	5	7	4		
		3	1018.3	-	5.2	1.0	7.5	83	5.1	1	7	3	12	7	0	0	0	0	0	1	0	8	12	6	3	0	2	12	9	7	2	2	1	0	0	7	8	3	
		9	1018.7	+4.9	8.0	2.0	7.9	72	5.8	0	5	4	14	7	0	0	0	0	0	1	8	12	5	4	0	2	17	7	4	5	4	1	0	1	5	10	0		
Argyll Tiree	10m.	15	1017.4	-	10.4	2.9	8.2	65	5.7	0	4	8	12	6	0	0	0	0	0																				



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

APRIL,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																				
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
																									8 or more	4, 7	4, 8	1-3	Calm											
																									24 or more	12-23	11-21	1-10	0											
																									Number of Observations															
2 ENGLAND, N.E.																																								
Northumberland Acklington	46m.	3	1017.2	-	5.7	1.1	7.9	87	5.1	3	7	3	4	13	0	0	0	0	1	1	2	9	6	7	4	0	3	12	13	2	7	3	1	0	0	2	0	12	3	
		9	1017.9	+4.0	7.9	1.7	8.3	77	6.6	0	0	5	18	7	0	0	0	0	0	0	3	6	7	8	6	0	0	2	16	12	0	0	0	0	0	1	2	9	4	
		15	1017.0	-	9.5	2.2	8.6	72	6.3	0	2	5	12	11	0	0	0	0	0	0	2	6	10	5	7	0	0	3	19	7	1	1	3	5	3	3	3	3		
	40m.	3	1017.6	-	6.2	1.1	8.0	84	5.7	5	1	4	4	16	0	0	0	0	0	0	0	8	15	7	0	0	1	5	14	9	1	5	5	1	0	0	2	0	14	2
		9	1018.3	+3.8	7.3	1.5	8.1	79	6.4	0	2	6	6	16	0	0	0	0	0	3	4	11	9	3	0	0	1	8	12	8	1	5	5	1	0	0	5	9	1	
		15	1017.7	-	8.8	1.9	8.5	75	6.3	0	2	7	9	11	1	0	1	0	0	0	4	9	11	5	0	0	1	3	19	6	1	1	8	4	0	0	3	5	0	8
Seahouses	12m.	3	1017.1	-	6.3	1.2	7.9	82	4.8	1	9	5	2	13	0	0	0	0	2	0	12	9	7	0	0	1	2	10	17	0	8	2	3	0	5	2	9	1		
		9	1018.0	-	7.8	1.7	8.2	76	5.9	0	5	5	9	11	0	0	0	0	1	0	13	4	5	7	0	0	1	3	8	17	1	9	1	3	1	1	2	11	1	
		15	1017.2	-	8.9	2.0	8.5	74	5.9	0	4	7	8	11	0	0	0	0	1	1	1	12	6	3	7	0	0	4	11	15	0	8	6	1	1	4	3	4	0	
Yorks, N. Riding Leeming	33m.	3	1017.0	-	7.0	1.4	8.1	81	5.4	0	6	6	9	8	1	0	1	0	2	1	9	10	7	0	0	0	2	12	13	3	5	3	2	1	5	2	8	1		
		9	1018.7	-	5.5	0.9	7.8	85	5.8	2	4	3	9	11	1	0	1	0	2	1	2	10	5	5	4	0	0	0	13	13	4	8	4	0	0	4	0	7	3	
		15	1017.7	-	7.8	1.7	8.3	77	6.6	0	2	3	16	9	0	0	0	0	0	3	13	4	5	5	0	0	2	17	9	2	6	7	0	0	2	3	2	6	2	
Whitby Coastguard	66m.	3	1017.7	-	7.2	1.3	8.3	81	5.7	1	4	7	4	14	0	0	0	0	1	2	3	8	7	2	7	0	0	1	15	11	3	5	5	0	1	4	1	7	4	
		9	1017.7	-	5.7	0.8	8.1	88	5.4	1	6	4	8	10	1	0	0	0	1	1	0	9	17	2	0	0	0	6	11	13	0	5	4	0	1	3	6	8	3	
		15	1018.4	-	7.2	1.3	8.4	82	6.4	0	2	6	11	10	1	0	0	1	0	0	0	12	15	2	0	0	0	2	12	10	0	5	4	0	0	3	2	5	8	
Yorks, E. Riding Leconfield	9m.	3	1017.7	-	8.8	1.7	8.8	78	6.1	0	3	6	12	9	0	0	0	1	0	1	12	11	4	1	0	0	0	8	13	8	1	5	3	3	1	4	1	6	6	
		9	1017.8	-	6.7	1.0	8.5	86	6.5	0	3	3	11	11	2	1	1	0	0	0	9	16	2	0	0	1	2	17	10	0	6	3	0	4	4	4	8	1		
		15	1018.4	+3.6	8.0	1.5	8.5	78	6.5	0	3	1	19	7	0	0	0	0	0	0	3	6	11	5	3	0	1	13	13	3	8	2	1	1	3	3	8	1		
Kilnsea	16m.	3	1017.6	-	10.4	2.6	8.7	69	6.8	0	1	4	15	10	0	0	0	0	0	0	0	7	15	4	4	0	0	3	18	9	0	9	5	1	0	4	2	9	0	
		9	1017.9	-	5.5	0.7	8.1	89	6.0	3	1	6	1	17	2	0	1	0	1	0	0	6	22	0	0	1	7	13	6	3	2	8	1	0	1	5	6	4	2	
		15	1018.6	+3.7	7.0	1.1	8.5	84	6.1	1	2	8	6	13	0	0	0	1	1	2	5	20	0	0	0	2	9	13	6	0	5	8	2	0	2	3	8	2		
Lincoln Waddington	69m.	3	1018.1	-	8.8	1.9	8.6	76	6.4	0	1	8	6	13	2	0	0	1	1	0	2	6	20	0	0	1	10	13	4	2	4	7	3	0	4	2	7	1		
		9	1017.8	-	4.9	0.7	7.8	89	5.2	5	4	3	3	13	2	0	2	0	0	0	5	10	8	4	1	0	0	8	16	5	1	5	6	0	3	4	3	6	2	
		15	1018.5	+3.1	7.3	1.3	8.4	82	6.7	0	1	3	15	11	0	0	0	0	4	3	5	12	6	0	0	0	2	17	11	0	9	4	1	0	3	2	8	3		
Binbrook	109m.	3	1017.7	-	7.9	0.5	8.5	69	6.6	0	2	3	14	11	0	0	0	0	0	2	8	8	9	3	0	0	2	16	12	0	6	7	1	2	2	4	6	2		
		9	1017.9	-	6.4	1.0	8.3	85	5.9	0	5	4	8	13	0	0	0	1	1	1	2	10	9	5	1	0	0	0	14	13	3	3	7	2	2	4	2	6	1	
		15	1017.5	-	4.5	0.7	7.6	89	5.3	3	3	4	3	14	3	0	3	0	0	3	3	9	6	6	0	0	0	1	16	10	3	3	4	4	2	0	4	3	7	3
Manby	14m.	3	1018.4	-	7.1	1.6	7.9	78	6.7	0	2	3	14	10	1	0	1	0	1	1	1	10	13	3	1	0	0	5	16	7	2	6	5	2	1	2	1	7	4	
		9	1017.7	-	9.2	2.6	7.8	67	6.9	1	0	3	12	13	1	0	1	0	0	1	1	6	18	3	1	0	3	19	8	0	5	9	1	0	3	4	7	1		
		15	1017.7	-	6.1	1.2	7.7	82	6.0	4	6	8	11	1	0	2	0	0	0	2	15	5	4	2	0	0	2	18	6	4	4	6	0	2	2	10	0			
3 ENGLAND, E.	80m.	3	1017.5	-	5.0	0.5	8.1	93	5.7	3	5	2	3	15	2	0	1	0	1	2	2	14	8	2	1	0	0	0	13	15	2	6	3	2	0	3	2	8	4	
		9	1018.4	+3.1	7.9	1.3	8.9	83	6.8	0	0	5	16	9	0	0	0	0	1	3	9	12	5	0	0	0	4	18	8	0	10	3	1	0	4	1	7	4		
		15	1017.8	-	10.1	2.3	8.9	72	6.8	1	1	1	15	12	0	0	0	0	1	1	5	15	6	2	0	0	1	20	8	1	7	6	1	0	2	4	8	1		
Norfolk West Raynham	17m.	3	1017.8	-	6.4	0.8	8.5	88	6.0	1	5	2	9	12	1	0	1	1	0	0	1	13	9	4	1	0	1	14	15	0	4	3	3	8	0					
		9	1017.3	-	4.5	0.4	7.9	93	5.4	4	4	4	1	16	1	0	0	0	2	3	3	8	14	0	0	0	0	2	12	16	0	8	5	3	1	3	4	6	0	
		15	1018.0	+2.7	7.0	1.1	8.4	84	6.8	0	1	3	17	8	1	0	1	0	0	1	0	9	16	2	1	0	0	2	19	9	0	8	6	1	1	2	1	7	4	
Coltishall	8m.	3	1017.4	-	9.6	2.4	8.5	71	6.4	1	0	4	17	8	0	0	0	0	0	1	7	12	6	4	0	0	3	21	6	4	0	9	7	0	1	1	4	6	2	
		9	1017.6	-	5.9	0.8	8.2	87	6.0	0	4	5	7	12	2	0	2	0	0	0	0	9	15	4	0	0	0	0	15	12	3	5	6	2	2	2	8	0		
		15	1016.8	-	5.1	0.8	7.7	87	5.7	2	4	5	6	13	0	0	0	0	1	3	2	9	11	4	0	0	1	12	15	2	7	5	1	1	1	5	5	3		
Gorleston	12m.	3	1017.6	-	7.7	1.7	8.1	77	6.7	0	2	3	12	13	0	0	0	0	1	1	5	16	7	0	0	0	1	19	9	1	9	5	0	2	1	4	4	2		
		9	1017.2	-	9.9	2.9	7.8	65	6.2	1	2	5	14	8	0	0	0	0	0	3	5	9	8	5	0	0	0	21	9	0	9	8	1	1	1	4	4	2		
		15	1017.3	-	6.6.																																			



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

APRIL,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																	
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										8 or more	6-7	4-5	1-3	Calm								
																										34 or more	22-33	11-21	1-10	0								
Number of Observations																																						
4 MIDLAND COUNTIES																																						
—cont.																																						
Finningley	3	1017.9	-	5.3	0.8	7.8	87	5.4	6	1	5	4	13	1	0	1	0	1	2	2	13	9	1	1	0	1	8	17	4	10	0	0	1	2	3	6	4	
	9	1018.7	+3.5	8.6	1.9	8.4	75	6.0	0	3	6	12	9	0	0	0	0	1	2	1	13	10	2	1	0	3	13	12	2	7	5	0	0	4	1	5	6	
	15	1017.9	-	10.8	2.9	8.5	66	6.9	0	0	4	14	12	0	0	0	0	0	0	0	14	14	1	1	0	2	15	13	0	8	4	1	1	3	1	8	4	
Northampton Wittering	21	1017.9	-	7.3	1.3	8.4	81	5.9	3	3	1	12	11	0	0	0	0	0	0	2	20	8	0	0	0	0	13	17	0	7	3	2	3	4	1	10	0	
	3	1017.8	-	5.0	0.7	7.9	89	5.5	3	4	6	1	14	2	0	1	1	1	2	4	9	9	2	1	0	1	11	17	1	8	5	1	0	2	2	8	3	
	9	1018.6	+2.9	7.6	1.4	8.4	79	6.6	1	1	4	11	13	0	0	1	0	4	0	4	14	6	1	0	3	15	12	0	7	6	3	0	4	0	6	4		
Warwick Edgbaston	15	1017.8	-	10.5	2.9	8.2	65	6.9	0	1	2	15	12	0	0	0	0	0	0	6	13	8	3	0	2	17	11	0	6	9	0	1	2	2	4	6		
	21	1018.0	-	6.8	1.2	8.3	83	6.1	1	3	5	9	12	0	0	0	0	1	0	2	12	10	5	0	0	0	14	15	1	6	7	1	0	5	4	2	4	
	9	1019.9	+4.0	7.2	1.7	7.8	76	6.3	0	1	7	14	8	0	0	0	0	0	0	6	14	7	2	1	0	1	9	20	0	7	2	2	0	4	2	5	8	
Elmdon	15	1019.0	-	9.8	2.9	7.8	64	6.5	0	2	4	13	11	0	0	0	0	0	1	1	13	8	3	4	0	0	15	15	0	7	5	1	0	3	2	6	6	
	21	1019.1	-	7.5	1.5	8.2	79	5.4	3	3	7	5	12	0	0	0	0	0	1	6	12	6	5	0	0	1	11	18	0	9	1	1	2	3	3	5	6	
	3	1018.6	-	4.8	0.7	7.8	89	5.9	2	4	3	4	16	1	1	0	1	4	7	9	6	2	0	0	1	11	11	7	7	3	0	0	2	0	7	4		
Shropshire Shawbury	9	1019.2	-	7.8	1.6	8.3	77	6.7	0	1	5	16	8	0	0	0	0	0	8	16	6	0	0	0	1	19	10	0	7	7	1	0	3	1	4	7		
	15	1018.4	-	10.0	2.9	7.9	65	6.7	0	4	4	18	8	0	0	0	0	0	2	15	12	1	0	0	2	15	12	1	6	7	1	1	1	3	6	4		
	21	1018.6	-	7.0	1.3	8.2	82	5.6	1	4	8	6	11	0	0	0	0	0	3	13	10	4	0	0	0	2	11	14	3	6	4	1	0	2	3	5	6	
Worcester Persore	3	1018.9	-	5.5	0.9	7.8	86	6.0	2	3	4	9	12	0	0	0	0	0	2	2	10	7	8	1	0	1	10	15	4	10	2	0	0	4	0	5	5	
	9	1019.8	-	8.1	1.8	8.3	76	6.7	1	0	2	19	8	0	0	0	0	0	0	1	15	6	2	0	0	2	20	20	7	11	3	1	0	3	1	6	4	
	15	1018.7	-	10.3	2.7	8.5	67	6.4	0	1	5	16	8	0	0	0	0	0	0	0	11	8	7	4	0	2	18	10	0	13	2	2	0	1	3	5	4	
Hereford Ross-on-Wye	21	1018.9	-	7.0	1.2	8.4	82	6.0	1	1	8	11	9	0	0	0	0	0	1	5	10	6	7	1	0	0	11	17	2	12	2	0	1	2	2	6	3	
	3	1018.7	-	5.6	0.9	8.0	87	5.4	5	3	3	6	12	1	0	1	0	1	0	8	11	4	3	3	0	2	9	12	7	5	6	1	1	2	1	5	2	
	9	1019.5	-	8.3	1.7	8.5	77	6.3	0	1	6	15	8	0	0	0	0	0	0	4	15	4	3	4	0	1	15	11	3	8	8	1	0	1	2	5	2	
Gloucester Filton	15	1018.5	-	11.4	3.2	8.4	63	6.7	0	1	5	10	14	0	0	0	0	0	0	1	10	11	5	3	0	2	21	6	1	7	7	3	0	1	3	6	2	
	21	1018.8	-	8.1	1.6	8.5	78	5.7	1	5	5	7	12	0	0	0	0	0	3	17	3	3	4	0	3	12	14	1	8	7	3	0	2	3	4	2		
	9	1019.3	+3.3	8.4	1.8	8.5	76	6.7	0	1	5	11	13	0	0	0	0	0	4	0	16	1	9	0	0	0	8	22	0	11	7	0	0	0	7	4	1	
Gloucester	15	1018.3	-	11.4	3.3	8.4	62	6.3	0	4	1	15	10	0	0	0	0	0	0	0	12	9	8	1	0	0	11	19	0	2	10	3	0	1	4	6	4	
	21	1018.8	-	8.1	1.5	8.6	79	5.2	4	1	1	11	12	0	0	0	0	0	2	15	6	7	0	0	0	6	22	2	4	9	1	1	1	6	4	2		
	3	1018.9	-	6.1	0.7	8.5	89	5.2	5	4	4	4	13	0	0	0	1	1	7	10	8	2	0	0	1	8	17	4	11	2	0	0	1	5	6	1		
Little Rissington	9	1019.7	+3.4	8.2	1.4	8.9	81	6.4	0	1	5	17	7	0	0	0	0	0	7	12	5	5	1	0	1	15	13	1	13	4	0	1	2	2	6	1		
	15	1018.7	-	11.4	4.8	9.1	67	6.3	0	2	4	17	7	0	0	0	0	0	0	8	14	6	2	0	0	20	10	0	13	3	0	1	2	5	3	3		
	21	1019.0	-	8.4	1.3	9.1	82	5.6	2	4	5	8	11	0	0	0	0	0	6	15	7	2	0	0	0	12	15	3	12	1	2	0	2	5	4	1		
Surrey Gatwick	3	1019.0	-	6.1	0.8	8.4	89	5.4	6	1	2	10	10	1	0	1	0	2	6	9	6	6	0	0	0	5	19	6	5	6	0	0	3	5	3	2		
	9	1019.8	-	8.6	1.6	8.8	78	6.5	0	2	4	12	12	0	0	0	0	2	7	11	3	5	2	0	1	10	16	3	9	8	0	0	2	3	2			
	15	1018.8	-	11.9	3.2	9.0	64	6.6	0	2	4	15	9	0	0	0	0	0	1	11	10	3	5	0	1	12	17	0	8	8	2	0	2	5	4	1		
Kent Dungeness	21	1019.1	-	8.8	1.6	9.0	79	6.2	3	1	2	11	13	0	0	0	0	0	6	15	3	5	1	0	0	7	18	5	5	7	1	1	2	5	3	1		
	3	1018.4	-	4.8	0.6	7.8	90	5.3	4	4	1	7	13	1	0	2	1	0	2	14	8	3	0	0	0	10	19	1	11	6	0	0	2	3	5	2		
	9	1019.1	+3.2	6.6	1.1	8.2	83	6.3	0	2	4	16	8	0	0	0	0	1	0	3	12	10	2	2	0	0	15	15	0	8	7	3	0	2	4	3	3	
Sussex Thorney Island	15	1018.1	-	9.7	2.7	8.0	67	6.4	0	0	5	11	14	0	0	0	0	0	1	8	10	5	6	0	0	17	13	0	6	12	1	0	1	2	5	3		
	21	1018.6	-	6.6	1.2	8.1	82	5.9	2	4	4	6	14	0	0	0	0	1	0	2	11	10	4	2	0	1	10	19	0	9	6	2	2	1	3	6	1	
	3	1018.6	-	5.5	0.8	8.0	88	5.0	6	3	4	3	14	0	0	0	0	1	1	4	7	13	4	0	0	7	19	4	13	0	0	0	4	0	7	2		
Surrey Gatwick	9	1018.4	-	8.1	1.7	8.4	77	6.2	0	2	7	11	10	0	0	0	0	0	4	10	10	3	3	0	0	18	10	2	14	2	0	0	2	1	7	2		
	15	1017.6	-	11.8	3.5	8.3	60	6.3	0	3	3	16	8	0	0	0	0	0	0	7	15	6	2	0	0	23	7	0	10	6	1	0	1	4	4	4		
	21	1018.1	-	8.4	1.8	8.5	76	5.2	3	5	4	7	11	0	0	0	0	0	2	10	16	2	0	0	0	12	17	1	12	3	1	3	1	5	3	1		
Kent Dungeness	3	1018.3	+2.2	8.4	2.0	8.1	74	5.6	0	4	8	8	10	0	0	0	0	0	2	14	7	4	3	0	0	11	17	2	6	8	4	1	0	3	2	4		
	9	1017.5	-	11.8	3.7	7.9	58	6.0	1	8	11	10	0	0	0	0	0	0	9	11	7	3	0	0	0	15	15	0	5	10	4	1	0	2	4	4		
	15	1018.0	-																																			



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

APRIL, 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																			
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									3 or less	4-7	8-11	12-15	16 or more									
																									0	1	2	3	4									
Number of Observations																																						
7a ENGLAND, N.W.																																						
Cumberland Carlisle	28m.	3	1018.8	-	5.1	0.8	7.9	88	6.0	2	3	2	11	10	2	0	2	0	0	0	0	13	10	5	0	0	0	8	18	4	2	5	3	2	1	7	3	3
		9	1019.5	-	7.5	1.5	8.2	78	6.4	0	1	4	19	6	0	0	0	0	0	0	5	9	8	7	1	0	1	14	12	3	6	3	1	2	1	7	6	1
		15	1018.1	-	10.2	2.5	8.7	69	6.4	0	2	5	14	9	0	0	0	0	0	0	5	9	8	7	1	0	3	16	11	0	3	5	2	1	3	5	11	0
		21	1018.3	-	6.8	1.1	8.3	83	5.5	0	4	10	8	8	0	0	0	0	0	0	0	14	12	4	0	0	1	7	17	5	5	3	3	1	0	4	8	1
Westmorland Great Dun Fell	-	3	-	-	0.2	0.1	6.1	97	6.7	5	0	0	0	23	13	11	0	0	0	0	1	2	3	0	5	10	9	5	1	5	7	1	0	2	2	11	1	
		9	-	-	1.2	0.2	6.5	96	7.0	2	0	2	4	2	20	8	12	0	0	0	0	1	4	4	1	8	7	10	3	2	4	7	1	0	2	4	7	3
		15	-	-	2.6	0.4	7.1	95	7.1	1	0	3	4	7	15	7	7	0	1	1	0	2	6	5	1	8	9	9	4	0	2	8	0	0	4	2	11	0
		21	-	-	1.1	0.2	6.4	96	6.4	5	0	1	3	1	20	16	4	0	0	0	0	1	4	4	1	5	9	10	6	0	3	7	3	0	2	4	11	0
Lancashire Squires Gate	11m.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9	1019.6	+4.4	7.7	1.3	8.6	81	6.4	0	4	1	16	8	1	0	0	1	0	1	3	10	5	9	1	0	2	17	11	0	8	1	3	1	2	1	9	5
		15	1018.7	-	9.1	1.7	9.1	78	6.3	1	3	1	16	9	0	0	0	0	0	0	2	9	11	8	0	0	2	23	5	0	5	4	1	0	3	2	7	8
		21	1018.4	-	7.1	1.1	8.6	84	5.6	2	4	4	13	7	0	0	0	0	0	0	3	14	10	3	0	0	2	14	14	0	6	5	2	1	1	1	8	6
Speke	26m.	3	1018.8	-	6.2	1.0	8.1	85	5.7	2	2	5	18	3	0	0	0	0	0	0	5	9	10	4	2	0	2	8	16	4	5	4	0	0	3	1	7	6
		9	1019.8	-	8.1	1.6	8.5	77	6.5	0	1	4	18	7	0	0	0	0	0	0	5	10	8	7	0	0	1	15	14	0	6	5	1	0	3	0	9	6
		15	1018.7	-	10.1	2.3	8.9	71	6.7	0	2	1	17	10	0	0	0	0	0	0	3	13	7	6	1	0	2	16	11	1	4	1	0	3	1	11	5	
		21	1018.7	-	7.8	1.5	8.5	79	5.5	1	5	4	13	7	0	0	0	0	0	1	3	14	10	2	0	0	1	13	14	2	3	6	0	1	1	2	8	7
Cheshire Ringway	76m.	3	1018.6	-	5.6	0.9	7.9	86	5.6	2	5	3	8	12	0	0	0	0	2	7	10	10	1	0	0	0	12	13	5	4	4	0	1	5	2	4	5	
		9	1019.4	+4.2	7.6	1.7	8.0	75	6.6	0	3	2	12	12	1	0	0	0	1	1	5	13	10	0	0	0	0	17	12	1	8	4	1	0	4	2	7	3
		15	1018.4	-	10.0	2.8	8.1	66	6.7	0	3	1	14	12	0	0	0	0	0	4	15	10	1	0	0	2	16	11	1	2	7	2	0	4	1	8	5	
		21	1018.5	-	7.2	1.3	8.3	81	5.5	2	5	4	7	12	0	0	0	0	0	1	9	15	5	0	0	0	13	17	0	4	5	0	1	5	4	8	3	
7b NORTH WALES																																						
Anglesey Valley	11m.	3	1019.6	-	6.4	1.0	8.3	86	4.7	6	2	8	4	10	0	0	0	2	0	2	2	11	10	3	0	2	14	9	5	5	8	0	1	1	2	6	2	
		9	1020.5	+5.3	8.4	1.5	8.8	79	6.1	0	2	7	12	9	0	0	0	0	0	0	8	10	10	2	0	5	22	2	1	10	6	0	0	3	3	5	2	
		15	1019.5	-	10.1	2.1	9.1	74	5.3	1	3	9	9	8	0	0	0	0	0	1	1	4	11	8	5	0	7	21	2	0	9	5	0	0	5	3	5	3
		21	1019.5	-	7.7	1.2	8.8	83	5.4	1	4	6	16	3	0	0	0	0	0	0	5	13	9	3	0	4	11	11	4	10	3	0	0	2	4	4	3	
Caernarvon Bardsey Island	19m.	3	1019.2	-	7.2	0.7	9.2	90	4.3	5	7	4	5	8	1	0	0	2	0	0	2	3	23	0	2	7	14	5	2	16	0	0	0	3	2	3	4	
		9	1020.0	-	7.8	0.8	9.4	88	6.0	1	1	7	13	8	0	0	0	0	0	0	2	4	24	0	2	7	16	5	0	14	4	0	5	1	4	2		
		15	1019.3	-	8.9	1.0	9.9	87	5.8	1	2	8	9	9	1	0	0	0	1	0	0	1	8	17	3	3	8	16	2	1	15	1	0	0	5	2	3	3
		21	1019.1	-	8.0	0.7	9.7	89	5.3	2	3	11	3	11	0	0	0	0	0	0	0	1	11	18	0	2	7	14	3	4	14	0	0	1	4	3	4	
8a SOUTH WALES																																						
Cardigan Aberporth	134m.	3	1019.7	-	6.4	0.9	8.3	85	5.3	4	5	2	6	12	1	0	0	2	0	1	10	7	7	3	1	2	17	7	3	8	4	0	0	3	3	4	5	
		9	1020.5	+4.9	7.2	1.1	8.7	84	6.1	0	5	3	13	7	2	0	1	1	0	2	9	10	6	0	0	2	16	11	1	11	5	0	0	3	3	4	3	
		15	1019.7	-	8.5	1.6	8.8	79	5.3	1	6	2	12	9	0	0	0	0	2	1	5	12	7	3	0	3	15	12	0	12	1	0	0	3	1	7	6	
		21	1019.3	-	7.4	1.1	8.6	83	5.5	2	5	5	7	10	1	0	1	0	0	1	7	13	7	1	0	4	15	6	5	9	3	1	0	1	2	6	3	
Pembroke Milford Haven C.B.	39m.	3	1020.2	-	6.9	1.0	8.5	84	4.1	11	2	2	5	9	1	0	1	0	0	0	12	14	3	0	0	2	9	15	4	11	3	2	1	0	1	3	5	
		9	1020.8	-	8.7	1.5	9.0	78	6.0	1	1	6	14	8	0	0	0	0	0	0	0	17	12	1	0	0	3	9	18	0	13	6	0	0	3	1	6	1
		15	1020.3	-	10.9	2.6	9.0	69	5.8	1	2	11	8	8	0	0	0	0	0	1	10	17	2	0	0	1	21	8	0	11	4	0	1	2	2	7	3	
		21	1020.0	-	8.3	1.2	9.1	82	4.6	5	5	5	8	7	0	0	0	0	0	0	10	17	3	0	0	2	6	22	0	16	3	0	0	1	1	7	2	
Glamorgan Mumbles	37m.	3	1019.3	-	7.4	1.4	8.4	80	4.7	4	5	7	6	8	0	0	0	1	0	0	8	15	6	0	0	3	12	15	0	9	5	3	1	0	1	6	5	
		9	1019.9	-	8.5	1.9	8.3	74	6.0	3	7	10	10	0	0	0	0	0	0	1	16	10	2	1	0	5	17	7	1	12	4	0	0	3	1	6	3	
		15	1019.3	-	10.6	2.9	8.4	65	5.4	1	4	5	12	8	0	0	0	0	0	1	9	13	5	2	0	8	17	4	1	6	6	0	2	4	9	2		
		21	1019.2	-	9.0	1.7	8.9	77	5.1	2	5	8	5	10	0	0	0	0	1	0	11	15	2	1	0	5	13	12	0	9	4	1	1	0	3	10	2	
Rhoose	69m.	3	1019.0	-	6.3	0.6	8.8	91	5.0	5	3	6	3	11	2	0	1	1	0	0	2	11	9	4	2	0	1	8	16	5	5	7	0	1	1	1	6	4
		9	1019.7	+3.4	8.5	1.3	9.2	82	6.5	0	1	6	15	8	0	0	0	0	0	3	11	7	8	1	0	3	12	15	0	6	8	2	2	1	1	6	4	
		15	1018.9	-	10.1	1.5	9.9	77	6.1	1	3	3	16	7	0	0	0	0	1	0	7	10	9	3	0	2	16	12	0	1	9	1	3	2	9	3		
		21	1019.1	-	8.1	1.0	9.7	86	5.7	2	4	4	7	13	0	0	0	0	1	1	2	8	12	5	1	0	3	10	16	1	6	8	1	0	1	1	10	2
8b ENGLAND, S.W.																																						
Somerset Yeovilton	23m.	3	1018.5	-	5.8	0.8	8.2	84	4.5	10	2	2	5	11	0	0	0	2	2	7	17	2	0	0														



**TABLE VIII—NUMBER OF DAYS IN      APRIL,      1967**  
**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 .. ..	0	6	21	3	0	0	0	0	0	0	0	6	16	8	0	0	Edgbaston .. ..	0	0	14	13	3	0	0	0	0	0	0	1	19	10	0	0
Stornoway .. ..	0	0	19	11	0	0	0	0	0	0	0	8	13	9	0	0	Kew .. ..	0	0	10	14	5	1	0	0	0	0	0	1	14	15	0	0
Craibstone .. ..	0	0	17	9	4	0	0	0	0	0	0	5	18	6	1	0	Hastings .. ..	0	0	9	19	2	0	0	0	0	0	1	17	12	0	0	
Rothsay .. ..	0	0	17	13	0	0	0	0	0	0	0	0	20	10	0	0	Southampton .. ..	0	0	5	16	8	1	0	0	0	0	1	15	13	1	0	
Abbotsinch .. ..	0	0	8	17	5	0	0	0	0	0	0	9	12	9	0	0	Stonyhurst .. ..	0	0	17	10	3	0	0	0	0	0	2	20	8	0	0	
Eskdalemuir .. ..	0	2	17	7	4	0	0	0	0	0	2	4	20	4	0	0	Bidston .. ..	0	0	17	13	0	0	0	0	0	0	1	16	13	0	0	
Douglas .. ..	0	0	18	9	3	0	0	0	0	0	0	1	18	11	0	0	Valley .. ..	0	0	8	20	2	0	0	0	0	0	1	8	21	0	0	
Cockle Park .. ..	0	0	(10)	(15)	3	2	0	0	0	0	0	4	(19)	7	0	0	Falmouth .. ..	0	0	8	17	5	0	0	0	0	0	1	13	15	1	0	
Gorleston .. ..	0	0	18	10	2	0	0	0	0	0	0	2	10	18	0	0	Aldergrove .. ..	0	0	9	18	3	0	0	0	0	0	3	14	13	0	0	
Cambridge .. ..	0	0	11	12	6	1	0	0	0	0	0	4	17	9	0	0	Armagh .. ..	0	0	2	22	5	1	0	0	0	0	1	20	9	0	0	

**TABLE XIII—SOLAR RADIATION AND ILLUMINATION,      APRIL,      1967**

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 .. ..	573	22	85	19	302.9	30	285	28	85	19	189.6	30	618	22	108	19	344.4	30
Eskdalemuir .. ..	671	29	52	19	301.7	30	265	25	51	19	185.0	30	803	29	66	19	349.4	30
Cambridge .. ..	574	17	44	10	332.0	30	289	19	44	10	205.3	30	-	-	-	-	-	-
London W/Centre .. ..																		
Kew .. ..	587	28	49	11	317.6	30	296	19	47	11	186.8	30	661	28	66	11	360.8	30
Bracknell .. ..	621	16	44	10	337.8	30	336	24	42	10	210.6	30	716	16	59	10	387.5	30
Aberporth .. ..	646	21	150	8	392.9	30	309	15	143	8	227.9	30	-	-	-	-	-	-

**TABLE III—ADDITIONS AND CORRECTIONS**

YEAR	MONTH	STATION	Max. Temp. in GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					A Max.	B Min.			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm. or more	0.1 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 84 Number 5

Published by HER MAJESTY'S STATIONERY OFFICE

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### May 1967 — Exceptionally wet with frequent thunderstorms

Weather was cyclonic in character throughout the month except on the 18th and 31st when ridges of high pressure extended over the British Isles from the south-west.

During the first two days pressure was low over Scandinavia and a northerly airstream from high latitudes brought occasional thundery showers of rain, hail or snow to most districts. Frost was severe at night, air temperature falling to  $-5^{\circ}\text{C}$  around dawn in parts of Scotland on both days.

On the 3rd wind reached gale force in many places as a deep depression approached the west of Ireland and associated troughs brought widespread, and at times heavy rain; falls of as much as 40 mm were recorded in parts of South Wales. The stormy weather continued on the 4th. Subsequently the depression became almost stationary off the west of Ireland, and during the next few days belts of rain, associated with minor troughs, moved across the country, interspersed with sunny periods, showers and scattered thunderstorms.

The depression, by the 8th a rather shallow feature covering Northern Ireland, became centred off the north of Scotland on the 9th and 10th before filling up. During each of these three days much of England and Wales enjoyed 11-12 hours of sunshine, but on the 11th thunderstorms with heavy rain broke out on a frontal trough extending from St. George's Channel north-eastwards across Britain. South of the trough, over the southern half of England, winds were easterly and mainly of sub-tropical origin, and temperatures, which had been rising steadily during the previous few days, reached  $26^{\circ}\text{C}$  at a number of places in Middlesex, Suffolk and Berkshire.

The trough was persistent and slow-moving and thunderstorms became rather more widespread in central districts on the 12th and 13th. North-easterly winds brought cooler and drier weather to northern and western districts during the next two days as the trough moved slowly southwards. In south-east England, on the other hand, rain was heavy at times, particularly on the 14th, as a deepening depression moved slowly north-eastwards across the English Channel from north-west France. Rain continued for much of the 15th as the depression became centred over southern England, and exceeded 30 mm at many places on both days. The cyclonic circulation brought temperatures down to a little below the mid-May average.

On the 16th and 17th, both cool and rather wet days, a complex depression extended from southern England to Scandinavia, but this gave way before a ridge of high pressure which spread over the British Isles from the south-west bringing 10-12 hours of sunshine to many southern districts on the 18th.

The improvement was short-lived, however, for on the 19th, fronts, associated with a deep depression approaching western Scotland, brought rain to most districts. This was the beginning of a period of very wet weather which lasted almost to the end of the month, as troughs and depressions, associated with a complex and slow-moving disturbance off the west of Scotland, moved over or near the British Isles in rapid succession. Thunderstorms broke out in south-east England on the 23rd and continued during the next three days as wave depressions from the Atlantic skirted the south-coast of England. Rainfall was heavy at times on the 27th and 28th as small secondary depressions moved north-eastwards from Biscay over the British Isles; in parts of the Midlands and northern Scotland more than 30 mm were recorded in 24 hours. The general area of low pressure which had persisted off the west of Scotland for about 10 days, slowly filled on the 29th (a sunny day with scattered thundery showers), but thunderstorms were again rather more frequent on the 30th as small depressions formed in the English Channel and moved northwards into the Midlands. The last day of the month was dry and sunny as a ridge of high pressure extended across the whole country from the south-west.

**Pressure and Wind** — Mean pressure was considerably below the 1931-60 average everywhere, the deficit at 0900 GMT ranging from 9.8 mb at Ballykelly to 6.5 mb at Gorleston. Surface winds were northerly at first, mainly south-easterly from the 3rd to the 7th, north-easterly from the 10th to the 17th and south-westerly from then until the 24th.

During the remaining days of the month wind direction was very variable. Winds reached gale force on 10 days in England and Wales and on 6 days in Scotland. Gales were widespread on the 3rd and 4th and were most frequent around our south-west coasts. The highest gust recorded during the month was one of 61 kt at Portland Bill on the 3rd.

**Temperature** — Mean temperature was generally below the 1931-60 average especially in Scotland where it was the coldest May since 1951. There was a warm spell during the second week over most of England, and one towards the end of the month in Scotland. On the morning of the 3rd temperature fell to  $-1^{\circ}\text{C}$  at Kew, the lowest May temperature there since records began in 1871.

Extremes included: (England and Wales)  $26.1^{\circ}\text{C}$  at several places on the 11th,  $-6.7^{\circ}\text{C}$  at Moor House on the 3rd; (Scotland)  $21.1^{\circ}\text{C}$  at Lephinmore on the 30th and Paisley on the 31st,  $-9.4^{\circ}\text{C}$  at Cairngorm on the 3rd; (Northern Ireland)  $21.6^{\circ}\text{C}$  at Strabane Convent on the 31st,  $-6.1^{\circ}\text{C}$  at Lowtown on the 3rd.

**Rainfall** — In England and Wales it was the wettest May since 1773. Rainfall was more than twice the average almost everywhere, apart from a few coastal districts where it was 140-200 per cent of the average. It was three times the average in parts of Cumberland, Co. Durham, the West Riding of Yorkshire and Leicestershire. In Scotland rainfall was less than the average in the inner Moray Firth and locally in the west, but approached or exceeded twice the average in the east and south.

Thunder was more frequent than usual, especially in England and Wales where it was heard on 26 days. Much of the East Riding of Yorkshire, Lincolnshire, the east Midlands and East Anglia reported thunder on 8-10 days. In Scotland thunderstorms occurred on 21 days and were widespread during the first and last weeks.

Snow and sleet showers were widespread on the 1st and 2nd, ground becoming snow-covered for a time to a depth of 3 cm at Speke and 5 cm at Aberdeen.

**Sunshine** — Sunshine was below the 1931-60 average almost everywhere. In Scotland many places from Braemar southwards recorded their lowest May sunshine for over 30 years with deficits of 60 to 80 hours. Over north and west Scotland and over England south of a line from the Humber to Plymouth, sunshine was 80-100 per cent of the average, but it was less than 70 per cent in parts of north-west England.

**Fog** — Fog at 0900 GMT was reported at one place or another in Scotland on 8 days, and in England and Wales on 14 days; it was fairly widespread on the 13th and 14th. In southern England dense fog patches formed during the night of the 9th/10th.

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

TABLE I—DISTRICT VALUES, MAY, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	20.0	-2.6	-1.0	-0.9	-0.9	+0.1	-0.1	+3	106	92
1 SCOTLAND, E.	17.8	-1.7	-1.9	-0.4	-1.2	-0.8	-0.3	+8	184	78
2 ENGLAND, N.E.	22.7	-3.9	-1.7	-0.8	-1.3	-0.8	-0.5	+12	247	99
3 ENGLAND, E.	25.0	-2.8	-0.8	+0.1	-0.4	-0.2	0.0	+9	192	90
4 MIDLANDS	25.6	-2.4	-1.3	-0.7	-0.9	-0.4	-0.1	+11	211	89
5 ENGLAND, S.E.	25.3	-3.3	-1.2	+0.3	-0.5	-0.9	-0.2	+10	198	94
6 SCOTLAND, W.	20.0	-3.2	-2.3	-0.6	-1.4	-0.9	-0.5	+6	167	78
7 ENGLAND, N.W. and N. Wales	21.3	-4.4	-2.1	-0.5	-1.3	-1.2	-0.8	+11	238	79
8 ENGLAND, S.W. and S. Wales	23.9	-2.8	-1.7	-0.3	-1.0	-0.8	-0.2	+11	214	87
N. IRELAND	20.0	-3.4	-1.8	-1.4	-1.7	-	-	+6	166	86
SCOTLAND	20.0	-3.2	-1.7	-0.6	-1.2	-	-	+6	151	83
ENG. and WALES	25.6	-4.4	-1.5	-0.3	-0.9	-	-	+11	218	90

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



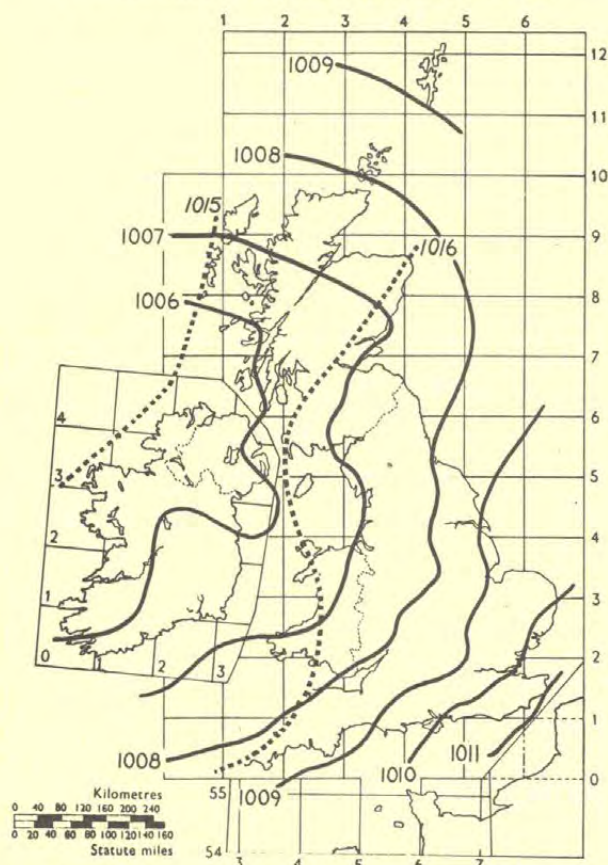
TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MAY, 1967

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		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 (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour			Veer from N	Speed in knots	Day and Time			
0	Zetland	Lerwick	93	10	10	-	0	12	86	373	239	46	0	13.2	120	33	4	21	130	58	6	0235	
	Orkney	Kirkwall	41	15	10	4, 6	7	13	103	340	245	49	0	13.6	100	37	4	16	100	54	4	1435	
	Caithness	Dounreay	34	12	9	4-6	14	15	144	398	186	0	2	16.3	100	38	4	13	100	50	4	1230	
		Wick	45	10	10	-	0	6	61	331	288	64	0	11.8	100	31	4	15	100	48	4	1305	
	Sutherland	Shin	24	10	10	-																	
	Ross &	Stornoway (C'Guard)	37	12	11	-	0	9	50	405	207	82	0	12.2	060	32	4	10	060	47	4	0925	
	Cromarty	Duirinish	38	20	17	-	0	3	4	295	320	89	36	9.6	020	23	17	14	100	37	4	0450	
	Inverness	Benbecula	16	10	10	-	0	9	56	467	176	45	0	12.8	010	32	1	17	360	47	1	1550	
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	183	381	180	0	7.1	050	18	15	14	230	32	19	1515	
		Cairngorm	1074	9	9	3-5, 19, 21	25	17	141	368	187	35	8	15.4	130	42	4	09	130	62	4	0820	
1	Moray	Kinloss	17	13	13	-	0	3	15	380	296	53	0	11.1	100	28	4	14	100	41	4	1315	
		Lossiemouth	31	24	18	-	0	1	2	303	317	122	0	9.2	090	23	4	10	090	44	4	0855	
	Aberdeen	Dyce	71	9	9	-	0	6	36	362	269	77	0	11.2	120	28	4	11	110	46	4	0810	
	Angus	Bell Rock	39	40	38	-																	
	Perth	Rannoch	307	17	17	-	0	4	23	317	266	128	10	9.7	110	29	4	04	110	45	4	0255	
		Tummel Bridge	161	16	16	-	0	0	0	108	417	217	2	6.1	120	20	5	17	110	37	4	0350	
	Fife	Leuchars	24	12	12	-	0	5	22	334	306	82	0	10.3	120	30	4	08	110	45	4	0345	
	West Lothian	Forth Road Bridge	72	-	72	-																	
	Midlothian	Turnhouse	42	12	10	-	0	2	12	211	411	110	0	8.5	240	26	20	14	240	43	20	1650	
		Edinburgh, Blackford Hill	151	15	10	-																	
6a	Argyll	Tiree	27	18	14	4, 21	4	15	119	379	173	69	0	13.9	100	36	21	16	100	51	21	1525	
	Dunbarton	Cumbernauld	166	10	10	-	0	3	17	271	343	102	11	9.6	220	28	20	14	210	44	20	0950	
	Renfrew	Paisley	57	25	9	-																	
		Abbotsinch	16	10	10	-	0	2	4	227	415	98	0	8.1	250	26	20	15	240	43	20	1405	
	Lanark	Lowther Hill	736	13	10	-																	
	Ayr	Hunterston	13	9	9	-	0	5	16	201	305	214	8	8.0	060	26	4	02	060	40	4	0150	
		Prestwick	21	10	10	-	0	3	9	257	381	97	0	9.2	110	30	4	04	110	43	4	0315	
	Dumfries	Chapelcross	94	15	15	-																	
		Eskdalemuir	251	15	11	-	0	3	4	219	323	198	0	7.4	180	23	23	01	230	40	22	0040	
	Wigtown	West Freugh	25	10	10	-	0	6	36	328	336	44	0	10.9	130	32	3	24	140	51	3	2130	
6b	Isle of Man	Ronaldsway	25	10	10	3, 4	5	10	52	349	275	63	0	11.7	150	38	3	22	140	51	3	2120	
		Point of Ayre	20	10	10	3, 4	6	12	75	437	200	26	0	13.8	120	39	3	24	120	55	3	2230	
2	Durham	Durham	119	16	10	-	0	1	4	227	422	91	0	8.3	270	25	20	14	270	52	20	1245	
		South Shields	22	17	13	-	0	4	27	268	336	113	0	9.8	130	29	4	04	090	44	4	0345	
	Yorks, N.R.	Leeming	42	10	10	-	0	3	11	343	327	63	0	10.1	260	26	20	13	270	41	20	1240	
		Silpho Moor	207	15	9	-																	
	Lincoln	Cranwell	76	12	12	-	0	5	29	234	395	86	0	9.5	150	25	4	04	230	41	22	1415	
		Binbrook	118	10	10	-	0	8	47	323	320	54	0	11.1	160	30	4	08	160	46	4	0740	
		Manby	26	10	10	-	0	3	16	299	368	61	0	9.8	170	25	4	13	170	37	4	1255	
3	Norfolk	Gorleston	16	13	13	-																	
	Suffolk	Mildenhall	30	25	18	-	0	0	0	128	413	203	0	6.7	180	21	4	15	180	41	4	1425	
	Bedford	Bedford	98	13	9	-	0	5	22	295	376	51	0	10.2	160	28	4	13	160	45	4	1250	
		Cardington	69	41	41	4, 19-22	21	18	128	329	205	61	0	14.6	240	43	20	12	250	59	20	1445	
	Hertford	Garston	94	15	10	-	0	0	0	77	523	144	0	6.2	220	18	22	14	200	37	21	1600	
		Rothamsted	141	13	10	-	0	0	0	58	494	192	0	5.7	220	16	22	15	210	39	21	1550	
	Essex	Stansted	107	9	9	-	0	2	11	306	363	64	0	9.9	160	25	4	14	150	38	4	1445	
		Coryton	20	17	15	-	0	0	0	89	363	250	42	5.6	150	19	4	13	220	36	19	1520	
		Shoeburyness	36	32	28	4	2	13	95	433	183	31	0	14.3	170	35	4	03	180	45	4	1745	
4	Yorks, W.R.	Sheffield	162	25	11	-																	
	Warwick	Edgbaston	196	36	22	-	0	1	2	210	493	39	0	8.7	150	23	3	23	150	44	3	2235	
		Elmdon	105	9	9	-	0	5	18	255	483	38	0	10.1	240	25	20	11	190	50	22	1310	
	Buckingham	Amersham	152	15	15	-	0	0	0	145	476	123	0	7.3	160	20	4	13	160	46	4	1230	
	Stafford	Keele	215	15	10	-	0	0	0	159	390	195	0	6.9	200	21	22	16	200	46	22	1345	
	Worcester	Pershore	47	10	10	-	0	7	37	306	317	84	0	10.5	150	26	3	24	280	48	26	1150	
	Gloucester	Avonmouth	28	19	10	-																	
5	Greater London	London W/Centre	93	70	38	-	0	1	1	377	339	27	0	10.7	210	22	22	18	190	37	21	1650	
		Heathrow	35	10	10	-	0	4	17	276	397	54	0	9.7	160	25	4	13	170	38	4	1225	
		Hampton	42	31	30	-	0	2	2	219	385	138	0	8.2	210	22	22	15	160	43	4	1150	
		Kew	28	23	15	-	0	1	1	257	392	94	0	8.9	190	22	4	13	220	45	22	1510	
	Surrey	Gatwick	69	10	10	-	0	2	7	216	399	122	0	8.4	230	24	19	15	190	43	4	1635	
	Kent	Isle of Grain	15	12	10	-	0	2	2	226	263	179	74	8.1	170	22	21	15	220	42	20		

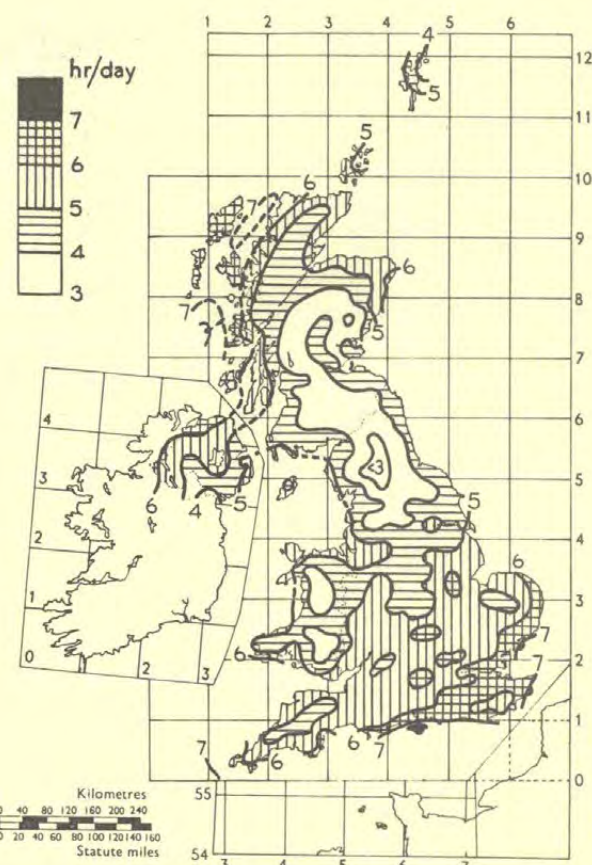


## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

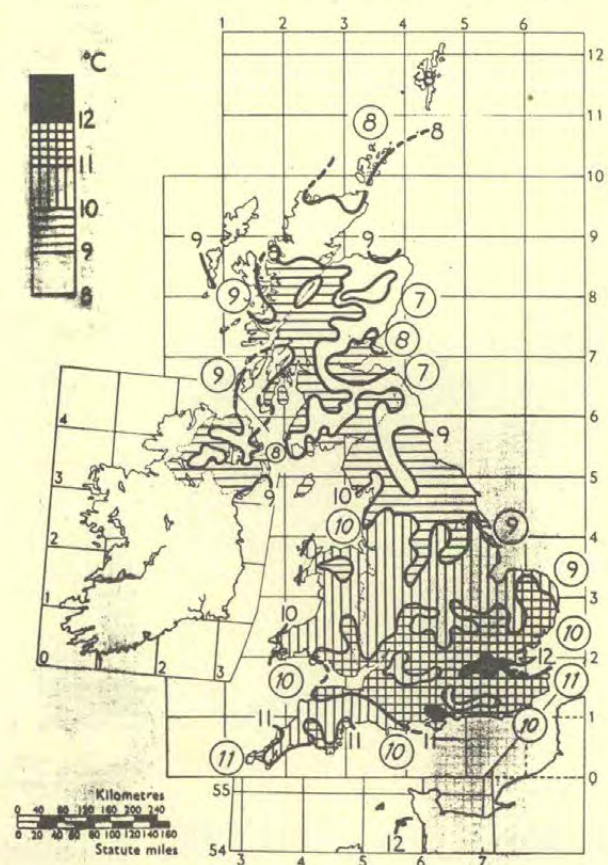


## BRIGHT SUNSHINE

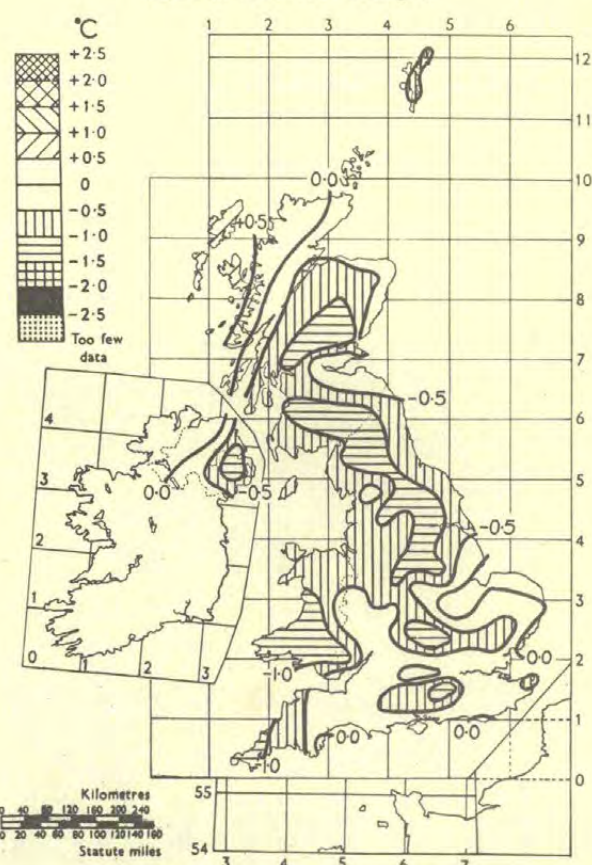


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE (based on 1931-1960 averages)





# RAINFALL

MAY 1967

The equivalent values in inches  
are given in round numbers.

The exact relation is 10 in. = 254 mm.

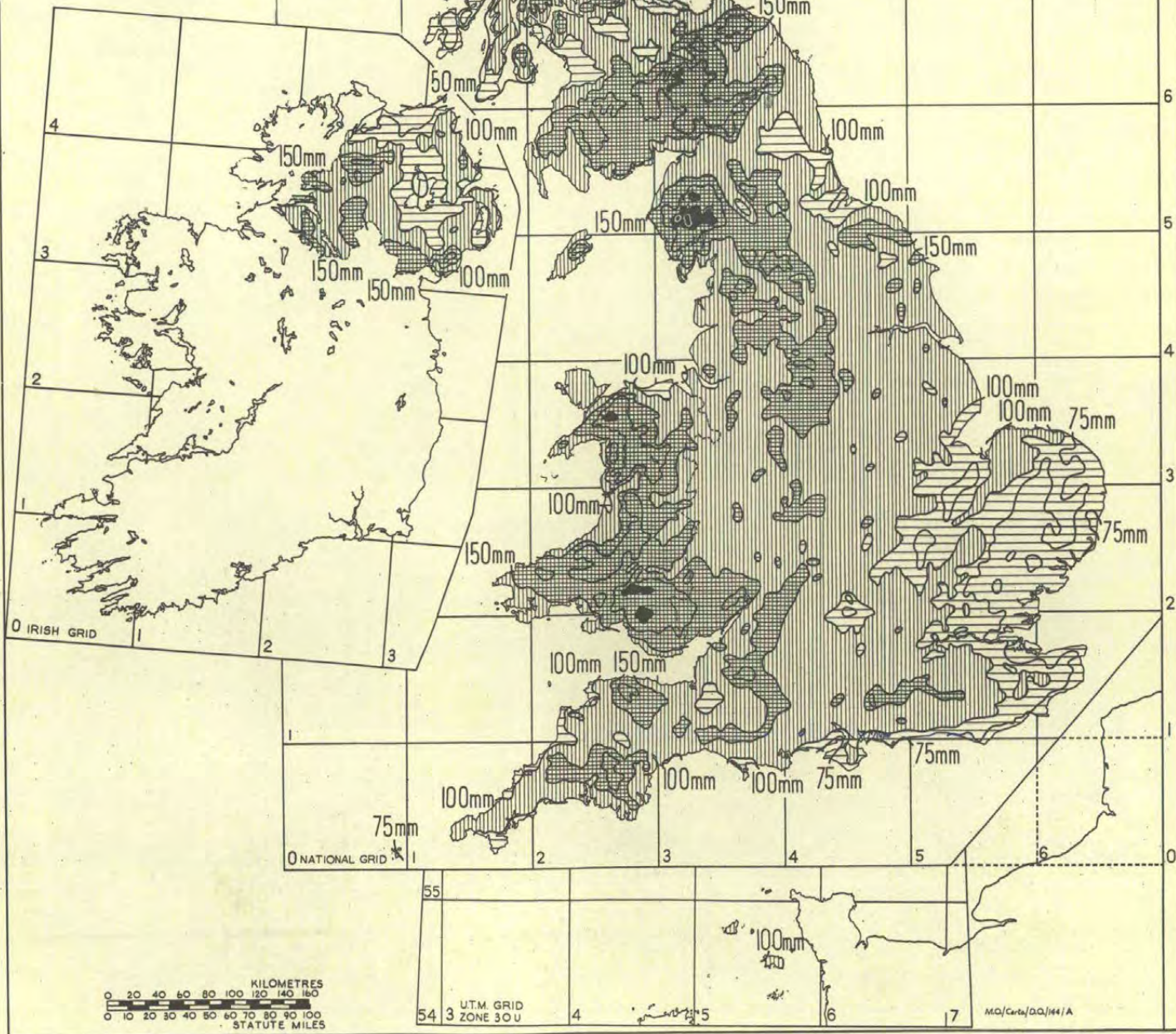
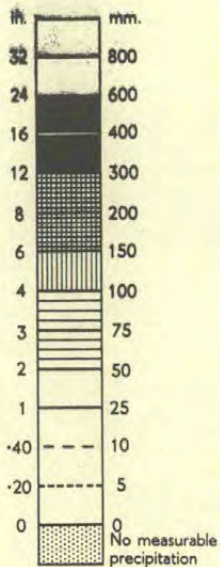




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS

MAY,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE								
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Most in a day (mm.)	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																					
0 SCOTLAND, N.																																		
Zetland		Hamnavoe ...	9 9	21	9.7	5.3	7.5	-	13.3	31	-1.1	18	-	-	96	-	31	28	21	13	5	0	2	2	0	0	1	-	4	5.37	-	-		
		Lerwick ...	21-9	82	9.2	4.8	7.0	-0.8	13.2	31	-1.5	18	-	-	86	146	25	28	20	11	6	0	1	4	0	2	4	5	3	4.50	85	-		
		Baltasound ...	9 9	24	9.9	4.6	7.3	-	12.8	9	-1.7	3	6.7	-	65	107	21	28	19	15	4	1	1	0	0	1	3	-	3	3.83	-	-		
Orkney		Sule Skerry ...	21-9	13	10.1	6.3	8.2	-	13.5	27	0.4	18	-	-	44	-	8	4	15	9	2	0	1	0	0	0	0	3	3	-	-	-		
		Stenness ...	9 9	23	11.2	5.1	8.1	-	15.0	26	-2.8	3	8.1	7.2	59	118	11	28	22	14	3	0	1	2	1	0	2	8	1	4.98	-	-		
		Evie ...	9 9	34	10.6	4.7	7.7	-	14.4	27	0.0	18	-	-	45	-	12	28	12	7	-	-	-	-	3	0	8	-	5.44	-	-			
		Kirkwall ...	21-9	26	10.7	5.3	8.0	-0.6	15.6	26	-1.0	18	-	-	57	116	13	28	16	10	6	0	5	0	0	1	2	6	3	5.01	89	-		
Calthness		Dounreay ...	9 9	21	11.5	4.5	8.0	-	16.7	26	-1.1	3	-	-	66	-	13	4	17	12	0	0	1	0	1	0	1	7	3	-	-	-		
		Wick ...	21-9	36	10.5	5.2	7.9	-0.5	13.9	19	-2.6	3	-	-	61	133	11	28	19	16	4	0	0	5	0	0	2	6	0	5.59	99	-	-	
Sutherland		Cape Wrath ...	21-9	112	9.6	5.0	7.3	-1.3	14.6	27	-0.8	18	-	-	63	95	9	28	24	18	5	0	0	2	2	0	3	4	1	6.81	-	-	-	
		Achfary ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Achany ...	9 9	85	12.7	3.1	7.9	-	17.8	30	-5.0	3	9.1	7.3	82	152	10	4	20	18	3	1	5	0	2	0	4	20	0	5.50	-	-	-	
		Strathly ...	9 9	37	11.7	4.1	7.9	-1.3	16.7	27	-3.9	3	-	-	69	123	10	4	20	15	6	0	1	3	2	0	2	-	0	5.31	101	-	-	
Ross & Cromarty		Stornoway ...	21-9	3	11.6	4.9	8.3	-1.0	14.4	25	-1.4	3	-	-	58	100	11	28	22	13	3	0	0	3	1	0	1	9	1	6.49	103	-	-	
		Balmacara ...	9 9	4	13.1	5.4	9.3	-	18.9	30	-1.7	3	-	-	71	-	12	28	16	16	1	0	0	2	2	0	3	-	0	-	-	-	-	
		Poolewe ...	9 9	6	13.4	4.9	9.1	-	17.8	30	-1.1	3	-	-	70	93	12	28	16	13	-	-	-	-	-	0	1	5	-	5.88	-	9	-	
		Rudh Re ...	21-9	16	11.2	5.5	8.3	-	16.4	5	-1.7	3	-	-	-	-	-	-	-	1	0	0	0	0	0	0	1	1	0	-	-	-	-	
		Inverpoll ...	9 9	14	12.8	4.5	8.7	-	17.8	30	-1.7	3	8.9	-	61	-	11	28	21	13	1	1	1	1	1	-	2	14	1	-	-	-	-	
		Achnashellach ...	9 9	67	12.9	3.9	8.4	-1.7	18.9	31	-3.3	3	-	-	100	103	12	9	25	18	2	0	0	0	0	0	4	-	0	-	-	-	-	
		Kinlochewe ...	9 9	23	13.1	4.4	8.7	-1.9	18.9	30	-2.8	3	9.1	-	74	80	13	20	20	15	2	0	2	0	0	0	1	11	0	-	-	-	S	
		Fortrose ...	9 9	5	11.6	5.8	8.7	-0.9	15.0	10	0.6	(2), 3, 4	-	-	30	61	7	28	14	9	3	0	0	0	1	0	0	-	0	5.05	91	-	-	
Inverness		Tarbatness ...	21-9	18	11.1	5.7	8.4	-0.8	15.0	26	-0.5	3	-	-	39	87	10	28	16	11	3	0	0	0	0	0	1	-	0	-	-	-	-	
		Benbecula ...	21-9	6	12.1	5.4	8.7	-1.1	16.5	30	-2.9	3	-	-	54	77	12	21	18	13	4	0	2	2	0	0	2	5	0	7.65	-	-	-	
		Isle of Rhum ...	9 9	5	12.9	4.9	8.9	-	17.8	31	-2.8	3	11.3	9.3	112	82	31	18	16	13	3	0	0	3	0	0	2	9	1	-	-	-	-	
		Prabost ...	9 9	67	12.4	4.7	8.5	-	17.8	30	-2.2	3	-	-	73	77	9	20	20	16	3	0	0	5	2	0	3	8	0	6.39	-	-	-	
		Duntulm ...	9 9	90	11.4	5.1	8.3	-1.1	14.4	5, 27, 30	-1.1	3	-	-	56	77	8	27	19	15	4	0	2	0	2	0	1	2	1	6.86	106	-	-	
		Onich ...	9 9	15	13.2	5.2	9.2	-1.2	20.0	(30), 31	-1.7	3	-	-	95	92	15	20	22	16	-	0	-	-	-	0	3	5	-	4.49	81	-	S	
		Fort William ...	9 9	8	13.4	5.4	9.4	-	19.4	30, 31	-2.8	3	9.9	9.1	79	-	11	20	24	16	2	0	0	1	0	0	2	5	1	4.13	-	-	-	
		Fort Augustus ...	9 9	21	12.5	4.7	8.6	-1.3	17.2	29, 30	-2.2	3	-	-	49	-	14	20	24	12	2	0	0	0	0	0	3	-	0	4.33	-	-	-	
		Cannich ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Inverness ...	9 9	4	13.1	5.4	9.3	-	17.2	27	(-0.6)	3	-	-	33	66	9	28	13	12	1	0	1	0	1	0	1	14	0	5.07	-	-	-	
		Coire Cas Shieling	9 9	762	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Cairngorm ...	9 9	1090	2.9	-1.5	0.7	-	9.4	31	-9.4	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	-	-		
		Achnagoichan ...	9 9	305	11.2	2.9	7.1	-	16.1	30	-5.6	3	7.2	-	66	-	8	22	25	17	0	-	0	0	0	-	4	-	0	-	-	-	-	
		Glenmore Lodge	9 9	341	10.8	2.5	6.7	-1.2	16.4	30	-5.9	3	-	-	100	145	16	5	25	17	-	3	-	-	-	-	2	6	13	-	4.68	-	-	-
1 SCOTLAND, E.																																		
Nairn		Nairn ...	9 9	6	13.0	4.8	8.9	-0.9	18.9	27	-2.2	3	-	-	27	54	7	28	18	9	3	0	0	3	2	0	1	8	0	5.45	98	-	-	
		Grantown-on-Spey	9 9	221	11.6	3.0	7.3	-	16.7	30	-5.0	3	-	-	38	-	7	28	21	12	4	2	1	1	1	0	6	-	0	-	-	-	-	
Moray		Forres ...	9 9	47	12.3	4.7	8.5	-1.5	16.7	26	-1.7	3	10.1	8.4	28	58	9	28	16	9	2	0	2	1	1	0	1	4	0	5.07	88	-	-	
		Kinloss ...	21-9	5	12.7	4.8	8.7	-1.0	17.2	27	-1.8	3	9.0	-	40	83	7	28	18	12	4	0	1	5	3	0	1	11	0	5.12	-	-	-	
		Elgin ...	9 9	15	12.3	4.6	8.5	-	16.7	27	-1.1	3	-	-	48	96	7	28	15	14	1	0	0	0	0	0	1	7	0	5.69	-	-	-	
		Lossiemouth ...	9 9	6	12.1	4.3	8.2	-1.4	17.8	26	-2.2	3	-	-	37	79	6	28	15	12	2	0	0	5	2	0	2	5	0	-	-	-	-	
		Gordon Castle ...	9 9	32	12.2	5.2	8.7	-1.4	16.7	26, 27	-0.6	3	-	-	50	94	15	5	15	10	3	0	2	0	0	-	1	-	0	5.60	99	-	-	
Banff		Glenlivet ...	9 9	215	11.4	3.6	7.5	-	16.7	30	-5.2	3	-	-	72	-	11	16	22	14	5	2	2	1	0	0	5	20	0	4.23	-	S	-	
		Banff ...	9 9	24	12.2	5.8	9.0	-	16.1	(9, 21, 28)	0.6	1, 3	-	-	62	-	13	28	20	15	3	0	1	0	0	0	0	-	1	5.85	-	-	-	
Aberdeen		Braemar ...	9 9	339	10.6	3.1	6.9	-1.4	16.1	30	-6.7	3	-	-	109	165	10	4	24	21	-	0	-	-	-	0	5	5	-	3.37	-	-	-	
		Balmoral ...	9 9	283	10.2	2.1	6.1	-2.2	15.6	29, 30	-6.7	3	-																					



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				A Max.	B Min.			Maximum	Date	Minimum	Date																				
1	SCOTLAND, E.—cont.																														
Midlothian	Davidson's Mains	99	61	12.4	5.5	8.9	-1.3	17.8	29	-0.6	1,2,3	9.2	-	103	181	17	15	25	20	3	0	0	2	3	0	3	4	0	3.58	-	S
—cont.	Penicuik ...	99	189	11.5	4.2	7.9	-1.7	16.7	29	-2.8	3	9.4	-	148	211	24	11	29	22	4	1	2	0	2	0	3	6	0	4.03	-	-
	Bush House	99	184	11.2	4.3	7.7	-	16.1	(9),29	-2.2	3	9.7	7.7	150	217	27	15	29	25	1	0	0	0	1	0	3	5	0	4.22	-	-
	Edinburgh—																														
	Blackford Hills	99	134	11.8	5.7	8.7	-1.3	16.7	29	-0.6	3	-	-	115	205	20	11	25	19	2	0	0	0	1	0	2	3	-	4.10	70	-
	Royal Bot. Gdns.	99	23	12.5	5.8	9.1	-1.2	17.2	29	-1.1	3	10.3	-	99	177	19	15	23	15	2	0	0	1	2	0	2	7	0	3.99	68	-
E. Lothian	Haddington ...	99	49	12.3	5.8	9.1	-	17.2	29	-1.1	3	-	-	142	268	30	15	28	21	2	0	0	1	4	0	2	3	0	4.19	-	-
	Dunbar ...	99	23	11.8	6.3	9.1	-0.5	16.7	29	0.6	1,3	-	-	132	275	27	11	27	19	2	0	0	0	0	0	0	2	0	4.68	76	-
Berwick	Merton ...	99	69	12.3	4.7	8.5	-	17.8	30	-3.3	3	-	-	152	-	30	28	27	21	1	-	0	0	2	-	3	10	0	3.75	-	-
	Lauder ...	99	183	11.5	3.9	7.7	-	17.8	28	-3.3	3	-	-	151	-	26	11	29	26	4	1	1	0	5	0	3	9	0	4.05	-	-
	Marchmont ...	99	152	11.2	4.8	8.0	-1.7	16.7	29	-1.7	3	-	-	117	209	22	11	28	25	1	0	0	0	2	1	2	-	0	4.04	73	S
	Whitchester ...	99	255	10.6	3.8	7.2	-	16.1	29	-2.8	3	-	-	206	332	33	15	29	26	5	0	1	0	3	-	3	-	0	-	-	-
	St. Abb's Head ...	99	75	9.7	5.6	7.7	-	(14.3)	30	0.3	8	-	-	-	-	-	-	-	0	0	0	0	1	4	0	1	3	-	-	-	-
Peebles	Stanhope Farm ...	99	226	11.1	4.0	7.5	-	16.1	30	-6.7	3	-	-	195	267	39	15	30	26	3	0	0	0	1	0	3	6	0	-	-	-
	Blyth Bridge ...	99	253	10.4	4.1	7.3	-	15.6	30	-4.4	3	-	-	135	211	20	15	27	25	4	0	0	0	1	0	3	7	0	3.31	-	-
	West Linton ...	99	244	10.8	3.8	7.3	-	16.1	31	-3.9	3	8.1	7.2	132	186	23	15	31	23	3	0	0	1	1	0	3	5	0	-	-	-
	Glenfress ...	99	177	11.5	4.4	7.9	-	17.2	30	-2.2	2	-	-	150	273	31	15	28	22	2	0	2	0	1	0	2	-	0	-	-	-
Selkirk	Bowhill ...	99	183	11.7	4.3	8.0	-	18.3	30	-4.4	3	-	-	184	297	25	11	28	25	1	0	4	0	3	0	3	-	0	-	-	-
Roxburgh	Wauchope ...	99	171	11.3	4.1	7.7	-	16.7	29	-5.0	3	-	-	169	268	19	11	26	24	2	0	1	0	3	1	3	-	0	-	-	-
	Kelso ...	99	35	12.5	5.2	8.9	-	17.2	29	-3.3	3	-	-	111	-	21	11	28	21	1	0	0	4	4	0	3	8	0	3.34	-	-
	Sourhope ...	99	274	11.0	4.1	7.5	-1.4	16.7	28	-3.9	3	-	-	187	-	45	15	25	20	0	0	0	0	0	0	3	5	0	4.10	-	-
6a	SCOTLAND, W.																														
Argyll	Tiree ...	21-9	9	12.0	6.0	9.0	-1.1	15.6	31	0.0	3	-	-	71	109	21	21	12	10	3	0	0	7	0	0	0	6	0	7.96	106	-
	Rhuvaal ...	21-9	20	11.4	6.1	8.7	-	16.2	30	-0.3	3	-	-	75	91	21	21	16	11	0	0	1	0	0	1	1	2	2	-	-	-
	Colonsay ...	99	27	12.5	5.4	8.9	-1.4	17.8	31	-2.8	3	-	-	56	74	11	21	19	10	1	-	2	0	0	0	1	-	0	-	-	-
	Craighouse ...	99	3	13.5	5.7	9.6	-	20.0	30	-1.1	3	-	-	59	-	8	21	18	15	-	0	-	-	-	0	1	1	-	-	-	-
	Machrihanish ...	21-9	10	12.2	6.0	9.1	-	16.7	31	-0.8	3	-	-	89	-	25	3	19	14	1	0	0	2	0	0	1	4	0	5.94	-	-
	Campbeltown ...	99	3	11.7	6.3	9.0	-	18.9	31	2.8	18	-	-	83	-	9	3	19	13	3	0	0	0	0	5	0	-	0	5.45	-	-
	Polloch ...	99	10	12.9	4.5	8.7	-	19.4	31	-3.9	3	-	-	131	-	24	21	21	19	0	-	0	0	1	-	4	9	0	-	-	-
	Achaglachgach ...	99	12	13.3	4.6	8.9	-	20.0	31	-3.3	3	-	-	108	121	19	3	20	20	0	-	1	0	0	0	3	5	0	-	-	-
	Lepinmore ...	99	9	13.1	5.4	9.3	-1.4	21.1	30	-2.2	3	-	-	136	139	20	3	24	21	2	0	1	0	0	0	2	6	0	4.43	-	-
	Glenbranter ...	99	24	12.7	4.8	8.7	-	20.6	31	-2.2	2,3	-	-	195	-	33	21	24	21	2	0	3	0	3	0	4	5	0	-	-	-
	Benmore Y.B.G.*	99	12	12.9	5.2	9.1	-	20.0	31	-1.1	2	-	-	186	148	23	3	22	20	2	0	1	1	3	0	3	6	0	-	-	-
Bute	Kildonan ...	21-9	18	11.7	6.7	9.2	-	(16.3)	30	0.0	3	-	-	69	-	12	22	22	16	1	-	0	0	0	0	0	3	0	-	-	-
	Brodick Castle ...	99	15	13.0	6.3	9.7	-	18.3	31	-1.7	3	11.8	-	109	-	16	21	21	18	1	0	1	0	0	0	1	4	0	-	-	-
	Rothesay	99	43	12.6	6.1	9.3	-1.3	18.9	31	0.6	1,2,3	9.4	8.1	91	102	17	21	20	16	1	0	0	2	1	0	0	4	0	5.13	80	-
	Millport ...	99	5																												
Dunbarton	Finnart ...	99	15	12.7	6.2	9.5	-	19.4	31	1.7	1,3	-	-	166	-	44	3	21	18	1	0	6	0	3	-	0	-	2	-	-	-
	Helensburgh ...	99	89	12.7	5.2	8.9	-1.4	20.6	31	-1.1	2	-	-	92	101	11	3	20	17	0	0	0	0	0	0	4	-	0	3.85	64	S
	Sloy ...	21-9	12	12.5	5.7	9.1	-	21.0	31	-0.4	2	-	-	214	-	31	21	23	19	3	-	2	0	0	2	-	0	-	-	-	-
	Cumbernauld ...	99	94	12.3	4.5	8.4	-	17.8	30	-1.7	3	-	-	129	-	14	7	24	20	1	1	1	0	1	0	3	5	2	-	-	-
Stirling	Earl's Hill ...	21-9	335	9.9	3.3	6.6	-	15.2	30	-4.8	3	-	-	131	-	14	22	26	22	-	-	-	-	3	4	4	-	3.56	-	-	-
	Stirling ...	99	46	12.7	5.9	9.3	-1.6	18.3	29,30	-1.1	3	10.7	8.0	103	156	12	7	25	21	1	0	1	2	2	2	1	5	0	3.61	-	-
	Falkirk Swge. Wks.	99	3	12.7	5.8	9.3	-	17.2	29	0.0	2	-	-	81	-	12	6	22	17	2	-	0	0	2	0	1	-	0	-	-	-
	Grangemouth ...	99	4																												
	Greenock ...	99	61	12.5	6.2	9.3	-1.7	20.0	31	-0.6	3	-	-	140	154	19	21	20	19	0	0	1	0	3	0	1	4	0	5.07	-	-
	Paisley ...	99	32	13.2	6.2	9.7	-1.6	21.1	31	0.0	3	10.6	8.8	121	170	16	22	24	23	3	0	2	0	3	1	0	4	0	4.18	72	-
	Barrhead ...	99	30	12.8	5.3																										



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY.

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DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Most in a day Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																			
2 ENGLAND, N.E.																																
Northumberland	Kielder Castle ...	99	201	11.4	3.6	7.5	-	16.1	29,31	-6.1	3	8.9	-	187	246	19	10	27	25	2	0	0	6	4	6	3	8	0	-	-	-	
	Haydon Bridge ..	99	79	12.9	5.2	9.1	-	17.8	30	-4.4	3	9.9	8.7	86	-	8	11	27	20	2	0	2	0	4	0	2	3	0	-	-	-	
	Corbridge ...	99	49	12.5	4.8	8.7	-	17.2	10,28,30	-5.6	3	-	-	86	-	15	10	24	17	0	0	2	3	1	2	3	0	-	-	-	-	
	Berwick-on-Tweed †	99	23	10.8	5.9	8.3	-1.0	16.7	29	-0.6	3	-	-	133	296	23	15	28	21	1	0	4	0	5	1	1	2	0	4.62	78	-	
Durham	Cockle Park §§	99	99	11.1	5.9	8.5	-	17.3	29	0.0	3	-	-	134	-	18	10	26	22	2	0	0	0	4	2	0	3	1	4.19	-	-	
	Acklington ...	21-9	42	11.8	4.8	8.3	-	17.2	29	-3.6	3	-	-	101	206	16	10	25	20	2	0	1	1	6	1	2	6	1	4.38	-	-	
	Tynemouth ...	21-9	29	10.9	6.5	8.7	-1.0	16.4	29	0.4	3	-	-	100	196	12	10	24	20	2	0	2	0	8	1	0	3	1	-	-	-	
	Seahouses ...	21-9	11	11.1	5.9	8.5	-	17.3	29	0.0	3	-	-	134	-	18	10	26	22	2	0	0	0	4	2	0	3	1	4.19	-	-	
	Chopwellwood ...	99	136	12.1	4.8	8.5	-1.5	17.2	30	-3.3	3	-	-	106	193	13	11	26	21	2	0	0	0	0	0	2	17	0	-	-	-	
	Ushaw College ...	99	181	11.7	4.7	8.2	-1.7	16.1	10,28,30	-2.8	3	-	-	105	187	16	10	26	21	2	0	0	4	3	2	-	0	-	-	-	-	
	Houghall ...	99	37	12.8	4.9	(8.9)	-1.2	18.3	29	-5.0	3	-	-	93	172	11	14	26	19	0	0	3	1	4	0	2	6	0	3.93	72	9	
	Durham §§	99	102	12.6	4.8	8.7	-1.4	18.3	30	-3.9	3	9.8	8.6	98	192	10	29	27	19	-	0	-	-	-	2	4	-	0	3.86	71	-	
	Hartlepool ...	99	9	12.8	6.4	9.6	-	16.7	22,29	-1.1	3	-	-	71	145	24	14	22	13	2	0	0	0	6	0	1	-	0	4.54	-	-	
	Yorks., N. Riding	Thirsk ...	99	34	13.1	5.8	9.5	-	18.9	10	-2.2	3	-	-	99	-	20	14	21	17	2	0	1	0	8	2	2	3	0	-	-	-
Leeming ...		21-9	32	13.1	5.9	9.5	-	19.1	10	-3.8	3	-	-	111	-	24	14	22	18	2	0	2	0	5	0	2	3	0	3.66	-	-	
Yorks., E. Riding	York (Heslington) ...	99	20	(13.5)	5.7	(9.6)	-	19.4	10,11	-1.1	3	10.4	9.6	132	-	42	14	21	16	-	0	-	-	-	0	1	3	-	4.43	-	-	
	Ampleforth ...	99	95	12.6	5.3	8.9	-1.6	18.3	10,11	-3.9	3	-	-	213	-	32	14	22	21	2	-	0	0	8	1	2	5	0	-	-	-	
	Redcar ...	99	8	12.6	6.2	9.4	-	16.7	22	-1.1	3	-	-	86	187	32	14	22	17	-	0	-	-	0	1	-	-	-	4.61	-	-	
	Pickering ...	99	44	13.6	4.9	9.3	-	19.7	28	-4.3	3	-	-	90	-	20	14	24	18	2	0	1	1	8	1	3	3	0	-	-	-	
	Whitby ...	99	41	-	5.8	-	-	-	-	-2.2	3	-	-	142	-	46	14	22	18	1	0	0	0	1	6	1	-	0	(4.41)	-	-	
	Scarborough §§	99	36	12.5	6.2	9.3	-1.3	17.8	28	-0.6	3	11.2	9.7	151	321	48	14	25	23	1	0	0	0	3	2	1	2	0	4.84	84	-	
	Silpho Moor ...	99	203	(11.9)	4.4	8.1	-	18.3	28	-3.9	3	8.1	-	177	290	56	14	28	25	1	0	1	0	5	7	3	7	0	4.42	-	-	
	Whitby C'Guard ...	21-9	63	11.7	5.8	8.7	-	15.7	22,29	-2.3	3	-	-	111	-	30	14	18	16	1	0	2	0	7	2	1	1	2	-	-	-	
	High Mowthorpe ...	99	175	11.7	5.2	8.5	-	16.1	10,28	-2.2	3	8.8	-	141	243	31	14	24	21	-	0	-	-	0	3	7	-	4.13	-	-	-	
	Lincoln	Hull ... §§	99	2	13.8	6.6	10.2	-1.2	18.9	10,28	-1.7	3	10.5	8.3	115	235	28	14	26	22	2	0	1	0	12	1	1	3	0	4.59	81	-
Leconfield ...		21-9	7	13.4	5.8	9.6	-	18.1	10	-1.1	3	-	-	145	-	31	27	27	21	1	0	3	1	11	0	1	4	0	4.49	-	-	
Filey ...		99	37	12.1	(4.8)	(8.5)	-	17.2	28	-3.3	3	-	-	163	320	52	14	25	19	2	0	0	0	8	0	1	-	0	5.39	-	-	
Bridlington ...		99	48	12.1	5.2	8.7	-	18.3	28	-2.2	3	-	-	151	296	37	14	27	20	2	0	0	2	9	0	2	3	2	4.57	-	-	
Kilnsea ...		21-9	12	12.3	6.7	9.5	-	16.5	28	0.1	3	-	-	115	-	21	14	24	17	2	0	1	0	6	2	0	-	2	5.66	-	-	
Waddington ...		21-9	68	14.1	5.8	9.9	-1.3	22.9	11	-0.8	2	-	-	113	-	31	14	24	19	2	0	4	2	11	0	2	3	0	5.83	-	-	
Lincoln ...		99	7	14.8	5.4	10.1	-	22.8	11	-2.8	3	10.2	8.8	112	233	30	14	25	18	2	0	0	0	3	0	3	9	0	5.61	-	-	
Cranwell §§		99	62	14.2	5.5	9.9	-1.2	22.7	11	-0.6	3	10.8	9.5	120	240	27	14	24	18	2	0	3	0	5	0	2	6	0	5.74	92	-	
Brigg ...		99	3	13.9	5.3	9.6	-	19.4	10,11	-2.8	3	-	-	121	-	22	14	24	21	1	0	0	1	10	0	2	7	0	-	-	-	
Caistor ...		99	30	14.3	5.4	9.9	-	18.9	10,11	-3.9	3	-	-	114	-	22	14	23	19	-	-	-	-	-	2	-	-	-	-	-	-	
Suffolk	Binbrook ...	21-9	108	13.1	6.0	9.5	-	19.0	10	-1.2	3	-	-	120	-	26	14	22	19	2	0	3	0	9	3	2	2	0	-	-	-	
	Cleethorpes ...	99	7	-	6.3	-	-	-	-	-0.6	3	-	-	155	330	23	27	20	19	-	0	-	-	0	1	-	-	-	-	-	-	
	Manby ...	21-9	17	14.0	5.7	9.9	-	19.6	28	-3.2	3	10.5	-	122	271	25	14	25	20	2	0	1	2	13	1	2	5	0	5.35	-	-	
	Skegness ...	99	5	-	6.9	-	-	-	-	-0.6	3	-	-	-	-	-	-	-	-	0	-	-	-	-	1	1	-	0	5.81	91	-	
	3 ENGLAND, E.																															
	Norfolk	Terrington St. Cl. ...	99	4	15.1	6.4	10.7	-	21.7	11	-1.7	3	10.9	-	76	190	12	23	21	17	1	0	0	0	3	0	1	5	0	5.08	-	-
		Santon Downham ...	99	24	15.9	4.8	10.3	-	25.6	11	-5.6	3	10.6	9.3	81	165	13	12	25	18	-	0	-	-	-	2	14	-	4.44	-	-	
		West Raynham ...	21-9	76	14.7	6.3	10.5	-0.4	23.6	11	-2.1	3	-	-	130	250	24	27	25	18	2	0	3	2	16	0	1	3	0	5.52	-	-
		East Dereham ...	99	53	(16.3)	(6.4)	(11.3)	-	23.9	11	-0.9	3	-	-	92	-	14	14	23	20	1	0	3	2	10	0	1	2	4	-	-	-
	Suffolk	Cromer ...	99	54	14.6	6.4	10.5	-0.6	20.0	12	0.6	3	-	-	79	168	8	5	20	19	-	0	-	-	0	0	2	-	6.08	96	-	
Sproston §§		99	28	15.4	6.2	10.8	-0.4	22.8	12	-1.1	3	11.4	-	78	173	15	5	20	17	2	0	3	0	5	-	2	2	0	5.74	88	-	
Coltishall ...		21-9	17	15.3	6.5	10.9	-	22.5	12	-0.8	3	-	-	71	-	15	14	21	15	2	0	3	0	8	0	1	7	0	-	-	-	
Burlingham ...		99	27	15.3	6.7	11.0	-	23.9	12	-0.6	3	-	-	86	200	22	12	18	15	0	0	0	4	3	0	1	2	0	6.97	-	-	
Gorleston §§		21-9	4	13.7	7.4	10.5	-0.3	18.8	12	0.0	3	12.7	10.5	74	195	10	24	20	17	3	0	0	1	5	1	0	1	1	6.61	98	-	
Mildenhall ...		21-9	5	15.7	7.4	11.5	-0.4	25.6	11	0.0	3	-	-	94	229	15	12	22	17	0	0	5	2	10	0	0	2	0	5.65	87	-	
Broom's Barn ...		99	75	15.1	6.4	10.7	-	23.9	11	-1.1	3	-	-	61	-	7	24	21														



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	Precip'n or more or none	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date																					
																															30 cm.	122 cm.
4 MIDLAND COUNTIES																																
Yorks.	Slaidburn	99	192	12.2	4.9	8.5	-	17.8	10	-2.2	2	-	-	171	188	25	14	28	23	3	0	0	0	0	0	2	3	0	4.03	-	-	
W. Riding	Malham Tarn	99	395	10.0	3.8	6.9	-	16.7	10	-2.8	2,3	8.3	-	170	191	15	27	27	26	0	0	1	0	3	2	3	7	0	-	-	-	
	Huddersfield	99	99	13.3	5.8	9.5	-	19.4	10	0.0	2,3	9.8	8.6	134	235	41	14	25	18	-	0	-	-	0	1	2	-	3.99	82	-	-	
	" Oakes	21-9	235	12.5	5.0	8.7	-	18.8	10	-1.4	2	9.5	7.9	132	194	35	14	25	21	2	0	0	2	9	3	2	5	0	4.03	78	-	-
	Bradford	99	134	12.5	5.6	9.1	-1.5	18.3	10	-1.7	3	9.6	8.0	123	198	23	14	28	20	2	0	3	0	7	0	2	4	0	-	-	S	
	Ilkley	99	96																													
	Sheffield	99	131																													
	Pontefract	99	78	13.2	5.7	9.5	-1.4	19.4	11	-1.1	3	-	-	144	282	45	14	23	17	2	0	0	0	9	3	2	2	0	-	-	-	
	Bramham	99	54	13.2	4.9	9.1	-	19.4	10	-3.3	3	-	-	146	270	44	14	23	22	2	0	0	1	5	0	3	4	0	4.13	-	-	-
	Cawood	99	6	13.7	5.5	9.6	-	20.6	11	-2.8	3	10.2	9.0	121	237	38	14	23	18	0	0	2	0	6	0	2	4	0	5.04	-	-	-
	Askham Bryan	99	34	13.3	5.6	9.5	-	19.4	11	-2.2	3	-	-	128	237	37	14	22	16	1	0	0	1	4	0	2	3	0	-	-	-	-
Derby	Buxton	99	307	11.6	4.9	8.3	-1.1	18.9	11	-1.7	2	8.9	7.9	189	259	21	19	26	23	1	1	0	0	2	0	2	3	0	-	-	-	-
	Derby	99	48	14.5	6.7	10.6	-	24.4	11	-1.1	3	-	-	103	181	23	27	26	19	1	0	0	0	5	0	2	-	0	-	-	-	-
	Morley	99	107	13.9	6.1	10.0	-	23.3	11	-5.0	3	-	-	115	195	23	27	24	20	1	0	0	0	4	-	2	4	0	4.74	-	-	-
	Chesterfield	99	91																													
Nottingham	Sutton Bonington	99	48	14.3	5.8	10.1	-1.0	23.9	11	-1.7	3	10.0	9.2	110	234	24	14	26	18	2	0	2	0	4	0	2	8	0	4.97	87	-	-
	Watnall	21-9	118	14.5	5.7	10.1	-1.0	24.1	11	-2.1	3	-	-	131	247	27	27	25	18	2	0	2	1	9	1	2	3	0	4.15	72	-	-
	Nottingham T.C.*	99	48	14.5	6.3	10.4	-	23.9	11	-1.1	3	-	-	128	-	22	27	25	20	-	-	-	-	0	2	3	-	0	4.88	-	-	-
	Mansfield	99	110	13.6	6.0	9.8	-1.4	23.3	11	-0.6	3	10.8	-	152	281	42	14	22	22	1	0	0	0	1	0	1	3	0	-	-	-	-
	Nottingham	99	59	14.4	6.6	10.5	-1.2	24.4	11	-0.6	3	10.3	9.1	107	214	18	14	23	18	0	0	0	2	2	0	1	3	0	4.29	81	-	-
	Warsop	99	46	14.2	4.9	9.5	-	23.3	11	-2.2	3	-	-	134	291	44	14	22	15	0	0	0	0	0	0	4	8	0	5.36	-	-	-
	Finningley	21-9	10	14.6	5.9	10.3	-1.2	22.0	11	-3.5	3	-	-	122	-	38	14	25	19	2	0	2	1	9	0	1	2	0	4.64	-	-	-
Leicester	Newtown Linford	99	119	13.9	5.3	9.6	-	23.9	11	-3.3	3	-	-	128	233	35	14	27	19	1	0	1	1	9	0	1	10	0	4.51	-	-	-
	Caldecott	99	53	15.8	5.5	10.7	-	25.0	11	-3.9	3	-	-	99	225	16	14	22	18	-	0	-	-	-	0	1	4	-	5.16	-	-	-
Northampton	Bugbrooke Mills	99	69	14.9	6.2	10.1	-	24.4	11	-3.3	3	10.4	9.1	106	221	22	14	20	17	-	0	-	-	-	0	1	-	-	5.41	-	-	-
	Raunds	99	59	15.6	5.8	10.7	-0.5	25.0	11	-2.2	3	12.2	9.2	90	184	19	14	22	17	-	0	-	-	-	0	1	4	-	5.34	95	-	-
Warwick	Birmingham K.E.S.**	99	137	14.1	6.2	10.1	-	23.3	11	-0.6	2,3	-	-	159	252	20	14	28	23	2	0	1	3	6	2	0	-	0	-	-	-	-
	Edgbaston	21-9	163	13.4	6.5	9.9	-1.5	23.5	11	-0.1	3	8.9	8.8	153	232	27	14	28	20	3	0	6	1	7	2	1	2	0	4.80	89	-	-
	Luddington	99	42	14.9	6.2	10.5	-	24.4	11	-2.8	3	-	-	100	192	23	14	25	18	0	0	2	1	3	0	2	11	0	5.24	-	-	-
	Stratford on Avon	99	49	15.4	5.3	10.3	-	25.0	11	-3.9	3	12.1	-	98	192	23	14	23	18	1	0	0	0	4	0	2	4	0	5.43	-	-	-
	Elmdon	21-9	97	14.3	5.7	10.0	-0.8	24.8	11	-2.9	3	-	-	170	298	26	12	27	21	2	0	7	0	7	1	2	6	0	5.13	-	-	-
	Shipston on Stour	99	111	14.3	6.3	10.3	-	24.4	11	-2.2	3	10.4	-	157	266	34	14	25	20	0	0	6	0	7	1	1	5	2	5.31	-	-	-
	Wellesbourne	99	47	14.7	6.1	10.4	-	25.0	11	-2.2	3	11.1	9.8	127	235	29	12	23	21	-	-	-	-	-	-	-	-	-	-	-	-	-
	Coventry	99	107	14.4	6.1	10.3	-	22.8	11	-1.1	3	10.7	9.5	154	-	30	27	23	21	0	-	1	0	0	-	-	-	0	4.75	-	-	-
	Moreton Morrell	99	85	14.4	6.2	10.3	-	20.0	10,11	-2.2	3	-	-	122	226	24	14	23	21	1	0	2	0	8	0	1	4	0	5.76	-	-	-
	Rugby	99	117	14.6	6.2	10.4	-0.7	24.4	11	-1.7	3	11.5	10.2	117	225	23	14	25	21	0	0	3	0	9	0	1	2	0	-	-	-	-
Oxford	Oxford	99	63	15.6	7.4	11.5	-0.5	25.6	11	0.0	3	12.3	10.6	86	172	21	14	25	18	1	0	1	0	4	1	0	1	0	5.94	97	-	-
Buckingham	Medmenham	99	30	15.7	5.9	10.8	-	25.6	11	-4.4	3	-	-	112	-	23	14	21	16	-	-	-	-	-	-	2	17	-	-	-	-	
	Grendon Underwood	99	67	15.1	5.7	10.4	-	25.0	11	-5.6	3	11.6	9.8	116	-	22	14	24	22	1	0	0	1	2	-	1	6	0	5.43	-	-	-
	Aylesbury	99	96	14.9	6.7	10.8	-	25.0	11	-5.6	3	-	-	115	217	25	14	20	19	2	0	3	0	7	1	1	3	0	5.39	-	-	-
	Bletchley	99	86	15.4	6.6	11.0	-	26.1	11	-1.1	3	-	-	100	-	20	14	23	19	1	0	0	2	3	0	1	-	0	-	-	-	-
Stafford	Keele	99	179	13.1	5.4	9.3	-	20.6	11	-2.8	3	9.9	8.3	134	-	26	14	27	22	2	0	2	0	10	0	2	3	0	4.47	-	-	-
	Oaken	99	125	14.4	5.1	9.7	-	22.8	11	-2.8	3	10.2	-	142	-	25	14	23	21	-	-	-	-	-	-	-	-	2	8	-	-	-
	Stone	99	107	13.7	5.4	9.5	-	21.1	11	-3.3	3	-	-	160	291	21	14	27	23	1	0	2	0	4	1	2	5	0	5.27	-	-	-
	Penkridge	99	101	13.8	5.4	9.6	-	22.2	11	-2.2	3	-	-	136																		



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 cm.	122 cm.	30 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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min. of Observation	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM					Total fall (mm.)	Percentage of 1911-59 average	Most in a day Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					A Max.	B Min.			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		







TABLE IV

## —SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									SPEED IN KNOTS													
																									8 or more	4-7	4-5	1-3	Caln									
																									24 or more	22-33	11-21	1-10	0									
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	3	1008.9	-	5.3	0.4	8.3	92	6.7	0	3	3	7	17	1	0	1	0	0	2	2	10	4	7	5	0	5	11	14	1	7	2	3	8	5	2	2	1	0
	9	1009.2	-6.5	7.3	1.0	8.8	86	6.5	0	0	9	9	12	1	0	1	0	1	5	3	6	6	8	0	0	4	15	10	2	3	7	1	11	3	2	2	0	
	15	1009.5	-	7.8	1.2	9.0	84	6.8	0	1	5	11	12	2	0	1	1	0	5	7	3	8	6	0	0	5	17	9	0	2	7	2	11	5	2	1	1	
	21	1010.1	-	6.1	0.6	8.6	90	6.7	0	4	1	8	15	3	0	2	1	2	1	0	11	6	3	5	0	4	12	15	0	5	4	3	11	4	2	1	1	
	3	1007.7	-	6.2	0.6	8.7	91	6.2	0	6	1	12	12	0	0	0	0	1	1	0	13	3	8	5	0	0	4	10	16	1	4	3	1	11	2	4	1	4
Orkney Kirkwall	9	1008.2	-7.0	8.4	1.3	9.2	82	5.8	0	6	3	12	9	1	0	0	0	1	1	0	8	2	10	9	0	0	6	15	9	1	5	4	2	7	7	3	0	2
	15	1008.3	-	9.2	1.7	9.1	78	5.9	0	5	7	9	10	0	0	0	0	0	0	7	4	14	6	2	5	16	8	0	6	5	2	13	1	1	3	0		
	21	1008.8	-	7.0	0.7	9.0	88	6.0	0	5	4	11	11	0	0	0	0	0	0	9	8	7	7	0	4	12	15	0	7	4	4	9	0	4	3	0		
Caithness Wick	3	1007.1	-	6.1	0.7	8.6	90	6.0	0	4	6	10	10	1	0	0	0	1	2	3	7	8	6	4	0	0	2	13	16	0	6	1	5	6	6	1	3	3
	9	1007.7	-8.1	8.2	1.2	9.1	82	5.8	0	4	8	10	9	0	0	0	0	2	1	8	3	9	8	0	0	2	17	12	0	9	2	4	8	5	2	0	1	
	15	1007.7	-	9.2	1.7	9.1	78	5.8	0	4	6	12	9	0	0	0	0	1	0	8	7	4	11	0	0	4	17	10	0	7	3	8	8	1	0	3	1	
Sutherland Cape Wrath*	21	1008.2	-	7.0	0.7	9.1	89	6.0	0	5	4	14	8	0	0	0	0	0	2	12	6	4	7	0	1	12	18	0	6	4	2	11	1	4	0	3		
	3	1006.4	-	6.5	0.5	9.0	92	6.8	0	1	4	13	10	3	0	2	0	1	0	0	1	7	19	0	0	4	11	12	4	0	4	10	3	1	7	0	2	
	9	1006.8	-	7.8	1.0	9.2	86	5.6	0	4	8	11	8	0	0	0	0	0	1	1	2	9	18	0	0	4	12	14	1	0	6	7	7	0	8	1	1	
Ross & Cromarty Stornoway	15	1006.9	-	8.0	0.8	9.7	89	6.1	0	2	8	8	13	0	0	0	0	0	1	1	5	8	16	1	3	10	17	0	5	6	7	6	1	8	2	1	1	
	21	1007.4	-	7.1	0.5	9.4	93	6.5	0	3	5	13	10	0	0	0	0	0	2	5	6	18	0	0	4	12	15	0	1	4	9	8	1	5	2	1		
	3	1006.7	-	6.2	0.5	8.8	92	4.9	0	9	6	10	6	0	0	0	0	0	0	2	10	18	1	0	1	12	14	4	6	3	6	3	5	3	0	1		
Inverness Benbecula	9	1007.4	-8.0	9.1	1.5	9.3	80	5.9	0	3	6	19	3	0	0	0	0	0	0	1	7	18	5	0	0	1	18	12	0	3	6	8	3	3	4	2	2	
	15	1007.4	-	10.1	1.9	9.5	76	5.5	0	6	5	15	5	0	0	0	0	0	0	1	10	9	11	0	0	23	6	2	4	11	5	1	3	3	0	2		
	21	1007.8	-	7.8	0.9	9.4	88	4.8	1	7	7	13	3	0	0	0	0	0	0	2	10	13	6	0	0	17	13	1	6	6	7	0	4	4	0	3		
Angus Usan	3	1005.8	-	6.5	0.5	9.0	92	4.9	2	6	6	15	2	0	0	0	0	0	0	6	15	10	0	0	1	14	11	5	8	3	4	3	4	3	0	1		
	9	1006.3	-8.8	9.5	1.5	9.7	81	5.4	0	6	7	15	3	0	0	0	0	0	0	1	5	13	12	0	3	20	8	0	3	5	4	7	3	5	1	3		
	15	1006.5	-	10.7	2.0	9.8	75	5.0	0	9	5	14	3	0	0	0	0	0	2	3	12	14	0	0	6	19	6	0	5	5	6	1	3	7	2	2		
21	1006.9	-	8.0	1.0	9.4	86	5.0	0	7	8	11	5	0	0	0	0	0	0	0	1	9	10	11	0	0	0	21	7	3	8	3	5	5	2	2	2	1	
1 SCOTLAND, E.																																						
Moray Kinloss	3	1007.1	-	6.2	0.8	8.5	89	5.8	0	3	8	10	10	0	0	0	0	0	1	1	7	6	12	4	0	1	10	19	1	3	3	6	4	3	6	2	3	
	9	1007.6	-8.1	9.6	1.9	9.1	76	6.4	0	3	2	19	7	0	0	0	0	0	0	2	7	11	11	0	1	15	15	0	9	3	6	4	3	3	0	0		
	15	1007.2	-	11.1	2.5	9.3	71	6.2	0	3	3	19	6	0	0	0	0	0	1	1	4	14	11	0	1	23	7	0	5	7	4	2	0	2	2	1		
	21	1008.0	-	8.1	1.1	9.2	84	6.1	0	3	6	11	11	0	0	0	0	0	1	1	6	10	8	6	0	0	12	19	0	3	4	11	3	4	4	1	1	
	3	1007.0	-	6.1	0.7	8.5	89	6.0	1	5	1	11	11	2	0	0	0	2	2	4	10	5	4	4	0	2	7	20	2	7	0	2	5	7	2	2	4	
Aberdeen Dyce	9	1007.3	-8.8	8.6	1.6	8.8	79	6.2	0	4	4	13	9	1	0	0	1	0	1	4	5	9	6	0	0	2	16	12	1	6	0	5	7	5	3	2	2	
	15	1007.1	-	9.7	2.0	9.1	75	6.4	0	3	4	12	12	0	0	0	0	6	5	9	9	2	2	0	2	21	8	0	9	0	5	5	8	1	1	2		
	21	1007.7	-	7.2	0.9	8.9	87	6.2	0	5	1	15	10	0	0	0	0	4	6	5	10	4	2	0	0	1	13	14	3	6	2	2	8	6	0	2		
Angus Usan	3	1006.2	-	6.7	0.5	9.1	92	5.5	0	7	5	5	14	0	0	0	0	2	3	0	9	4	13	0	2	9	16	4	8	0	0	4	5	4	4	2		
	9	1006.9	-	8.4	0.8	9.8	88	6.4	0	2	6	9	14	0	0	0	2	0	2	4	7	8	8	1	1	9	17	3	6	2	3	5	6	4	0	2		
	15	1006.6	-	9.4	1.2	10.1	85	6.4	0	2	7	8	14	0	0	1	1	0	6	5	8	9	0	0	4	12	14	1	6	2	5	8	4	2	2	1		
21	1006.9	-	7.7	0.6	9.6	91	5.8	0	6	6	4	15	0	0	0	1	2	3	3	6	7	9	0	3	11	12	5	4	5	2	4	3	2	4	2			
Fife Leuchars	3	1006.4	-	6.0	0.6	8.5	89	5.6	0	7	4	9	11	0	0	1	0	2	1	4	10	10	3	0	2	7	18	4	3	3	3	3	4	8	1	2		
	9	1006.9	-9.2	9.2	1.5	9.4	80	5.6	0	2	5	11	13	0	0	0	0	1	1	7	9	9	4	0	1	17	13	0	3	5	9	2	2	6	2	2		
	15	1006.5	-	10.6	2.1	9.5	75	5.9	0	1	1	19	10	0	0	0	0	1	3	3	10	9	5	0	1	19	11	0	1	5	11	5	3	1	5	0		
Midlothian Turnhouse	21	1007.1	-	7.6	0.9	9.2	87	6.1	0	4	7	6	13	1	0	0	1	2	0	9	9	6	2	0	0	9	17	5	4	7	4	3	2	6	0	0		
	3	1006.9	-	6.6	0.8	8.6	87	6.3	0	3	13	11	0	0	0	0	1	1	2	10	16	2	1	0	1	3	21	6	1	7	3	1	3	8	1	1		
	9	1007.1	-9.1	9.4	1.9	9.0	76	6.4	0	0	10	10	11	0	0	0	0	2	6	13	8	2	0	1	8	20	2	2	7	5	1	4	6	2	2			
15	1006.7	-	10.9	2.4	9.3	72	7.0	0	1	1	16	13	0	0	0	0	0	0	3	11	6	2	0	1	13	17	0	2	6	9	2	5	3	4	0			
21	1007.6	-	8.1	1.1	9.2	85	5.9	0	5	4	13	9	0	0	0	1	0	2	2	11	11	4	0	0	0	7	20	4	1	6	5							



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

MAY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	600-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Northumberland Ackington 46m.	3	1007.2	-	5.7	0.5	8.6	93	4.9	2	6	9	2	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

MAY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and 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

MAY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																				
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																									SPEED IN KNOTS														
																									5 or more	6-7	8-9	10-11	12-13										
																									24 or more	22-23	11-21	1-10	0										
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	3	1007.1	-	6.7	0.7	8.9	90	5.8	0	6	4	9	12	0	0	0	0	0	0	0	12	14	5	0	0	0	6	20	5	1	5	5	6	2	5	1	1		
	9	1007.2	-	9.8	1.6	9.7	79	6.5	0	2	7	9	13	0	0	0	0	0	0	0	7	17	4	3	0	0	7	22	2	0	7	1	8	2	5	1			
	15	1006.7	-	11.5	2.4	9.8	72	6.4	0	1	9	10	11	0	0	0	0	0	0	0	6	12	9	4	0	0	17	13	1	3	5	3	6	3	5	0			
	21	1007.7	-	8.9	1.3	9.6	88	6.1	0	2	7	12	10	0	0	0	0	0	0	0	9	15	7	0	0	0	9	18	4	4	0	3	5	5	6	0			
	28m.	-	-	1.7	0.1	6.8	98	7.2	3	0	0	0	0	28	11	18	0	0	0	0	0	0	1	1	0	1	8	14	8	0	4	4	3	10	7	1			
Westmorland Great Dun Fell	3	-	-	3.0	0.1	7.5	97	7.2	0	1	4	3	2	21	5	16	0	0	0	0	3	1	6	0	2	9	14	6	0	3	5	4	3	8	6	2			
	9	-	-	4.5	0.6	7.7	91	7.1	0	0	5	9	3	14	3	11	0	0	0	0	3	5	7	2	1	13	14	3	0	3	6	2	5	11	2	0			
	15	-	-	2.7	0.1	7.4	98	6.7	2	0	5	3	5	16	4	12	0	0	1	0	5	1	7	1	2	10	13	6	0	2	9	2	1	7	10	0			
	21	-	-	7.3	0.5	9.6	93	5.6	1	5	5	9	11	0	0	0	1	2	5	9	7	6	1	0	2	16	12	1	0	6	5	7	4	4	3	1			
	11m.	-9.2	-	10.5	1.4	10.5	82	6.1	1	4	5	7	14	0	0	0	0	0	3	13	10	4	1	0	2	18	11	0	1	5	5	4	7	4	3	2			
Lancashire Squires Gate	3	1007.0	-	12.1	2.1	10.8	76	6.3	0	2	7	10	12	0	0	0	0	0	0	2	6	9	9	5	0	5	18	8	0	0	4	1	3	4	4	6	3		
	9	1006.4	-	9.0	1.0	10.1	87	5.7	0	5	5	14	7	0	0	0	0	0	4	11	11	5	0	0	2	14	14	1	4	4	5	3	5	4	5	0			
	15	1007.4	-	7.8	0.8	9.5	89	5.6	1	4	8	7	11	0	0	0	0	2	6	9	9	5	0	0	0	9	17	5	3	2	3	3	10	3	1	1			
	21	1007.2	-	10.4	1.7	10.0	79	6.4	0	3	4	14	10	0	0	0	1	1	5	6	8	9	1	0	1	11	15	4	2	3	2	2	11	3	4	0			
	26m.	-	-	12.9	2.6	10.5	70	6.5	0	1	5	17	8	0	0	0	0	0	4	4	7	12	4	0	3	14	12	2	3	2	1	3	10	1	6	3			
Cheshire Ringway	3	1007.7	-	9.6	1.3	10.1	83	5.5	0	7	5	10	9	0	0	0	0	2	4	12	9	4	0	0	1	8	20	2	3	4	0	4	8	2	5	3			
	9	1007.4	-	7.4	0.8	9.3	90	5.4	1	5	6	7	11	1	0	1	0	1	5	9	15	0	0	0	0	9	18	4	1	4	3	4	12	2	1	0			
	15	1007.5	-8.6	10.4	2.1	9.3	74	5.9	0	4	6	13	8	0	0	0	0	0	4	11	15	1	0	0	1	13	15	2	4	3	3	10	3	1	2				
	21	1006.7	-	12.9	3.4	9.4	63	6.3	0	1	5	20	5	0	0	0	0	0	1	9	15	5	1	0	2	17	12	0	3	4	1	1	11	2	6	3			
	76m.	-	-	9.4	1.4	9.7	81	5.4	0	4	10	8	9	0	0	0	0	0	9	11	11	0	0	0	0	10	19	2	3	4	2	6	6	5	1	2			
7b NORTH WALES																																							
Anglesey Valley	3	1006.2	-	8.2	0.8	9.8	90	5.8	0	4	9	7	11	0	0	0	0	1	2	3	15	7	3	0	9	13	9	0	4	5	3	1	10	6	1	1			
	9	1006.3	-9.6	10.2	1.4	10.3	83	6.0	1	2	8	9	11	0	0	0	0	1	3	6	5	13	3	0	10	15	5	1	6	2	2	2	9	6	2	1			
	15	1006.1	-	11.0	1.6	10.6	81	5.9	0	4	7	9	11	0	0	0	0	1	1	6	6	11	6	2	6	14	9	0	6	1	3	2	7	7	2	3			
	21	1007.0	-	9.0	0.9	10.1	87	5.9	0	4	7	11	9	0	0	0	1	0	2	4	12	9	3	0	8	9	14	0	4	4	3	4	8	5	2	1			
	11m.	-	-	8.7	0.3	10.8	96	4.9	0	6	13	2	10	0	0	0	0	0	0	1	13	16	1	0	1	10	14	6	0	9	1	0	2	8	7	3			
Caernarvon Bardsey Island	3	1006.3	-	9.6	0.6	11.1	93	5.6	1	5	7	3	14	1	0	0	1	0	0	2	13	13	2	3	8	14	5	1	8	1	2	1	10	4	3	1			
	9	1006.3	-	9.6	0.6	11.1	93	5.6	1	5	7	3	14	1	0	0	1	0	0	2	13	13	2	3	8	14	5	1	8	1	2	1	10	4	3	1			
	15	1006.2	-	10.2	0.7	11.4	91	6.4	0	2	7	6	15	1	0	0	1	0	0	3	8	14	5	3	10	10	7	1	9	2	0	12	3	2	2				
	21	1007.1	-	9.3	0.4	11.1	94	5.7	0	2	10	9	10	0	0	0	0	0	0	2	14	14	1	2	9	14	3	3	4	3	1	1	8	7	3	1			
	8a SOUTH WALES																																						
Cardigan Aberporth	3	1007.0	-	7.8	0.6	9.7	91	4.9	2	6	8	6	8	1	0	1	0	1	2	4	15	6	1	0	1	16	11	3	4	1	0	3	10	7	0	3			
	9	1006.7	-9.1	9.6	1.3	10.0	83	6.1	0	1	9	14	6	1	0	0	1	1	0	2	6	12	7	2	0	3	16	10	2	3	2	4	0	9	7	3	1		
	15	1006.5	-	10.5	1.6	10.3	81	6.6	1	2	1	17	9	1	0	0	1	0	2	5	11	10	2	0	5	14	12	0	6	1	0	0	10	4	4	6			
	21	1007.8	-	8.4	0.8	9.9	89	5.4	0	6	7	9	7	2	0	1	2	0	1	2	5	14	3	3	0	2	14	12	3	3	2	1	0	10	7	2	3		
	134m.	-	-	8.9	0.7	10.4	90	5.0	5	4	5	5	12	0	0	0	0	1	0	12	17	1	0	0	5	14	10	2	7	1	0	1	7	7	3	3			
Pembroke Milford Haven C.B.	3	1007.2	-	10.4	1.4	10.6	83	6.5	1	0	6	12	12	0	0	0	0	0	0	16	8	7	0	0	7	12	11	1	6	1	4	3	5	7	2	2			
	9	1007.1	-	11.7	1.8	10.9	80	6.0	0	1	11	10	9	0	0	0	0	0	1	15	9	6	0	1	7	11	12	0	9	0	0	1	7	6	6	2			
	15	1007.9	-	9.7	1.0	10.6	87	5.8	0	4	7	9	11	0	0	0	0	2	0	15	12	2	0	0	5	12	10	4	5	2	1	1	5	5	4	4			
	21	1007.6	-	9.5	1.1	10.2	85	6.2	1	1	7	9	13	0	0	0	1	0	0	2	20	8	0	0	7	14	10	0	5	2	3	2	6	6	4	3			
	37m.	-	-	10.4	1.5	10.2	80	6.0	0	2	7	14	8	0	0	0	0	0	1	17	10	3	0	0	8	12	10	1	4	0	2	3	6	10	3	2			
Glamorgan Mumbles	3	1007.4	-	11.5	1.7	10.9	79	6.4	0	2	6	12	11	0	0	0	0	1	12	12	4	2	1	9	9	12	0	1	0	2	1	4	11	11	1	5			
	9	1007.3	-	10.4	1.5	10.4	82	5.8	1	6	2	11	11	0	0	0	1	0	0	13	11	5	1	0	7	8	15	1	2	0	2	0	7	7	1	5			
	15	1008.0	-	8.5	0.5	10.5	93	5.6	3	2	6	10	10	0	0	0	0	2	6	15	6	2	0	2	5	21	3	4	0	3	4	3	6	7	1				
	21	1008.1	-8.4	10.7	1.1	11.5	86	6.0	3	7	11	10	0	0	0	0	0	3	9	8	8	3	0	1	11	19	0	0	3	2	4	9	7	5	1				
	69m.	-	-	12.6	1.8	11.8	80	5.9	0	3	7	13	8	0	0	0	0	0	1	6	10	11	3	0	3	13	14	1	0	1	3	0	9	2	14	1			
21	1008.8	-	9.7	0.7	11.0	91	5.8	0	6	4	11	10	0	0	0	0	0	2	6	14	5	4	0	0	9	20	2	2	2	0	3	5	4	9	4				
8b ENGLAND, S.W.																																							
Somerset Yeovilton	3	1008.8	-	7.8	0.5	9.9	92	5.0	4	4	7	6	10	0	0	0	2	1	8	20	0	0	0	0	1	3	18	9	1	1	1	2	8	5	2	2			
	9																																						



**TABLE VIII—NUMBER OF DAYS IN MAY, 1967**  
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 .. ..		0	0	20	11	0	0	0	0	0	0	0	4	7	20	0	0	Edgbaston .. ..	0	0	6	18	5	2	0	0	0	0	0	0	1	3	28	1	0
Stornoway .. ..		0	0	7	24	0	0	0	0	0	0	0	2	13	16	0	0	Kew .. ..	0	0	1	12	13	4	1	0	0	0	0	1	1	23	6	0	
Craibstone .. ..		0	0	16	13	2	0	0	0	0	0	0	4	13	14	0	0	Hastings .. ..	0	0	3	20	5	3	0	0	0	0	1	2	21	7	0		
Rothsay .. ..		0	0	5	22	4	0	0	0	0	0	0	0	7	24	0	0	Southampton .. ..	0	0	0	15	13	3	0	0	0	0	0	0	3	23	5	0	
Abbotsinch .. ..		0	0	4	21	6	0	0	0	0	0	0	2	5	24	0	0	Stonyhurst .. ..	0	0	7	17	7	0	0	0	0	0	2	8	20	1	0		
Eskdalemuir .. ..		0	0	12	16	3	0	0	0	0	0	1	2	15	13	0	0	Bidston .. ..	0	0	6	20	5	0	0	0	0	0	0	7	24	0	0		
Douglas .. ..		0	0	9	20	2	0	0	0	0	0	0	0	7	24	0	0	Valley .. ..	0	0	5	23	3	0	0	0	0	0	0	4	27	0	0		
Cockle Park .. ..		0	0	3	21	7	0	0	0	0	0	1	3	23	4	0	0	Falmouth .. ..	0	0	3	23	5	0	0	0	0	0	0	2	27	2	0		
Gorleston .. ..		0	0	3	21	7	0	0	0	0	0	1	3	23	4	0	0	Aldergrove .. ..	0	0	6	21	4	0	0	0	0	0	2	9	20	0	0		
Cambridge .. ..		0	0	2	12	14	1	0	0	0	0	1	6	21	3	0	0	Armagh .. ..	0	0	4	17	10	0	0	0	0	0	3	8	20	0	0		

**TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MAY, 1967**

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 .. ..	679	31	35	28	373.1	31	374	30	34	28	227.3	31	787	31	59	28	425.9	31
Eskdalemuir .. ..	698	30	75	12	331.0	31	312	17	74	12	208.4	31	730	30	88	12	351.4	31
Cambridge .. ..	685	29	107	14	399.2	31	361	21	107	14	268.2	31	-	-	-	-	-	-
London W/Centre .. ..	686	31	93	14	389.4	31	319	21	94	14	232.7	31	756	31	130	14	450.8	31
Kew .. ..	654	29	93	14	405.5	31	360	25	93	14	237.6	31	711	8	119	14	472.5	31
Bracknell .. ..	707	31	86	14	426.7	31	342	24	82	14	259.7	31	756	31	112	14	481.5	31
Aberporth .. ..	788	31	58	15	428.5	31	365	20	56	15	247.5	31	-	-	-	-	-	-

**TABLE II—ADDITIONS AND CORRECTIONS**

YEAR	MONTH	STATION	HEIGHT OF VANE IN METRES			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)			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 (hr)	No. of days	Duration in Hours				Year from N	Speed in knots	Hour ended at day hour		Year from N	Speed in knots	Day and Time			
1964 1966	- 1966 November December December	Brawdy Shin Shin Bell Rock	427 78 78 128	67 33 33 131	45 33 33 124	- 17, 18, 23 1, 2, 7, 9, 12, 17, 18, 23	0 6 54	6 6 30	27 30 387	148 253 307	166 213 37	379 242 9	0 0 0	6.2 8.8 22.1	300 260 250	28 37 45	16 17 17	02 24 24	300 240 290	53 61 59	30 23 23	0745 0810 1345
			Height of Vane in metres																			
1967	Jan. -Feb.	Brawdy	130	20	14																	
	January	Shin	24	10	10	-	0	5	9	233	156	330	16	7.1	090	23	23	10	280	38	12	0930
	January	Belfast Harbour	21	18	18	-	0	8	28	387	285	44	0	11.7	170	32	29	11	160	46	29	0920
	February	Shin	24	10	10	3, 21	2	8	54	183	235	161	37	9.7	250	35	3	10	260	72	3	1255
	February	Bell Rock	39	40	38	3, 5, 15, 16, 18, 20, 21, 23, 28	70	24	262	262	45	9	24	22.0	160	44	20	16	160	60	18	2240
	February	Paisley	57	25	9	-	0	2	7	222	302	141	0	8.3	210	32	27	12	300	59	27	1200
	February	Lowther Hill	736	13	10	3, 15, 21, 27, 28	58	21	203	281	92	20	18	19.5	270	44	27	11	240	70	27	1725
	February	Belfast Harbour	21	18	18	-	0	14	128	325	204	15	0	14.6	190	32	27	08	280	60	28	1315
	February	Kilkeel	35	18	14	15, 18, 24, 27	9	16	146	342	145	30	0	15.9	190	41	27	11	160	58	18	1710
	February	Carrigans	129	10	10	-	0	8	44	259	253	113	3	10.1	200	29	27	11	240	54	27	1505
	March	Shin	24	10	10	3, 6, 21	10	19	115	361	152	105	1	13.6	270	40	21	13	260	68	17	1200
	March	Bell Rock	39	40	38	1, 3, 5, 6, 9-12, 14, 15, 17-21 *	107	29	407	202	28	0	0	25.6	220	46	11	07	240	89	8	0905
	March	Belfast Harbour	21	18	18	11, 18	5	22	183	460	80	4	12	17.7	260	43	11	20	260	61	11	1840
	March	Carrigans	129	10	10	-	0	14	55	416	237	32	4	12.7	246	33	6	01	260	63	6	0045
	April	Shin	24	10	10	4	1	7	49	262	218	176	14	10.0	250	34	4	22	250	54	4	2100
	April	Bell Rock	39	40	38	4-6, 17, 19, 20	54	22	199	380	59	28	0	19.5	310	46	5	21	310	69	5	2140



# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 84 Number 6

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### June 1967 — Warm mid-month, thunderstorms during last week

Anticyclones dominated the weather until the 18th, but thereafter weather was mainly cyclonic in character.

For most of the first week pressure was high over southern districts but a succession of frontal systems moved eastwards across Scotland. Over most of England and Wales weather was dry and warm with good sunny periods, and afternoon temperatures in south-east England and the Midlands reached 23°C on the 5th and 6th; it was rather cool, however, in some southern and western coastal districts as sea-fog patches drifted inland. In Scotland, on the other hand, weather was generally unsettled, troughs from the Atlantic bringing widespread rain on the night of the 2nd/3rd, and again on the 5th and 6th as a depression moved eastwards from Iceland to Scandinavia.

Behind the depression, pressure rose considerably to the north-west of the British Isles on the 7th and north-westerly winds spread over the whole country bringing a marked fall of temperature and scattered showers to Scotland and northern England. The cool, showery weather continued in most eastern districts on the 8th, but in the west weather was mainly dry with long sunny periods as pressure continued to rise.

On the 9th an anticyclone which, for several days, had been centred to the south-west of Ireland, moved north-eastwards to cover the British Isles. This was the beginning of a fine, sunny spell which lasted for about 10 days with temperatures well above the average and with little measurable rain. The 17th and 18th were the warmest days of this period with afternoon temperatures reaching 25°C in many places. In eastern coastal districts, however, weather remained rather cool with variable cloud, and there was some slight drizzle on the 16th and 17th.

By the 19th the main centre of high pressure had withdrawn to the Azores and westerly winds accompanied by rain in places spread over the country. During the next three days small wave depressions formed to the west of Ireland and rain was widespread and heavy at times as associated fronts moved eastwards across the country. On the 23rd a depression off the south-west of Ireland deepened considerably as it moved slowly north-eastwards, and thundery troughs which developed over France moved northwards in the general circulation of the depression. Thunderstorms reached south-east England on the 23rd and they extended to most districts and were heavy at times on the 24th and 25th. In these storms rainfall exceeded 25mm at many places on both days. At Aberystwyth, Cardiganshire, a fall of 36mm was recorded in 42 minutes, and at Weybridge, Surrey, 30mm fell in half an hour. Flooding was extensive in many parts of the country, particularly in north-west England.

The depression, for some time centred off south-west Ireland, brought heavy rain to Cornwall on the 26th as it became centred over the Bristol Channel, but the rain gave place to showers the next day as the depression moved eastwards along the English Channel and filled up. Fronts associated with a deep depression near Iceland brought a renewal of rain to most districts on the 28th, except to south-east England which remained mainly dry and sunny, and this rain persisted in the south-west for much of the 29th. Behind the rain-belt an anticyclone developed over southern England, and the last day of the month was generally quiet and dry with 11-12 hours of sunshine.

**Pressure and Wind** — Mean pressure was above the 1931-60 average everywhere, the excess at 0900 GMT ranging from 6.0 mb at Scilly to 2.1 mb at Lerwick. Surface winds were generally light and variable until the 18th apart from south-westerlies on the 5th and 6th and north-westerlies on the 7th and 8th. During the remainder of the month winds were mainly from a westerly point. It was a quiet month generally but wind reached gale force on 8 days in Scotland and on 4 days in England and Wales. A gust of 66 kt was recorded at Kirkwall on the 4th.

**Temperature** — Mean temperatures were somewhat below the average in East Anglia but slightly exceeded the average in the west country. Over most of the country except eastern England, there was a warm

spell of about 10 days centred around mid-month with cooler periods before and after, around the 7th and 21st.

**Extremes included:**—(England and Wales) 26.7°C at Worcester on the 14th, -2.2°C at Santon Downham on the 9th and at Moor House on the 12th; (Scotland) 26.7°C at Thorntonhall on the 14th, -0.6°C at Balmoral on the 12th, Strachan on the 11th and 12th and Buddon Ness on the 14th; (Northern Ireland) 25.0°C at Strabane Convent on the 17th, 0.0°C at Loughmore Forest on the 9th.

**Rainfall** — Over most of the country there was little measurable rain from the 9th until the 19th, and most of the month's rain fell during the last week. In England and Wales rainfall was above the average over much of north-west and south-east England and over the coastal districts of Lincolnshire; it was more than 150 per cent of the average around the estuary of the Humber and locally in the extreme south-east of Sussex. Elsewhere it was mainly below the average and less than 25 per cent of the average over part of the West Riding of Yorkshire and in the extreme east of Norfolk around Gorleston. In Scotland rainfall was above the average in some western districts north of the Clyde, but elsewhere it was below the average and in many parts of the east north-east it was less than half the average.

Thunder was heard on 7 days in Scotland and on 8 days in England and Wales, mainly during the last week. A feature of the month was the heavy rain and widespread thunderstorms on the 24th and 25th. Many places had as much rain during these two days as they normally record during the whole of June.

**Sunshine** — Over the whole of Scotland except for a few isolated areas on the east coast, sunshine was above the average. Excesses of more than 50 hours occurred in many northern districts of the mainland where some places had their sunniest June for more than 20 years. In England and Wales sunshine was generally above the average except near the east coast and locally in the extreme south-west, percentages of the local average ranging from 130 at Askham Bryan in the West Riding of Yorkshire and Ringway (Manchester) to 70 at Gorleston.

**Fog** — Morning fog was reported at 0900 GMT from one place or another on 12 days in Scotland and on 17 days in England and Wales. It was most widespread in south-west England on the 4th and 5th, and along parts of the south coast from the Isle of Wight to Dover on the 24th and 25th.

**Miscellaneous Phenomena** — The aurora was visible in parts of Scotland and from Leconfield in the East Riding of Yorkshire on the night of the 9th/10th, and from Pershore, Worcestershire on the 12th/13th.

TABLE I—DISTRICT VALUES, JUNE, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	21.1	3.1	+0.2	-0.3	0.0	-	-	0	88	126
1 SCOTLAND, E.	24.4	2.2	0.0	-0.1	-0.1	-	-	-3	60	115
2 ENGLAND, N.E.	23.3	3.3	-0.3	-0.5	-0.5	+0.2	-0.1	-5	69	107
3 ENGLAND, E.	23.4	2.2	-0.9	-0.4	-0.6	-0.2	-0.1	-6	74	92
4 MIDLANDS	24.1	3.9	-0.1	-0.4	-0.3	+0.4	+0.2	-5	81	118
5 ENGLAND, S.E.	25.0	2.8	-0.5	-0.5	-0.5	-0.4	-0.2	-5	108	99
6 SCOTLAND, W.	23.7	1.1	0.0	-0.4	-0.2	+0.4	-0.3	-2	85	116
7 ENGLAND, N.W. and N. Wales	24.8	3.9	+0.3	-0.2	0.0	-0.3	-0.3	-3	108	115
8 ENGLAND, S.W. and S. Wales	23.9	2.8	0.0	-0.3	-0.1	-0.5	-0.4	-5	55	109
9 N. IRELAND	23.3	1.5	+0.1	-1.0	-0.5	-	-	-3	56	101
SCOTLAND	24.4	1.1	+0.1	-0.3	-0.1	-	-	-2	77	119
ENG. and WALES	24.8	2.2	-0.3	-0.4	-0.3	-	-	-5	75	107

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

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JUNE,

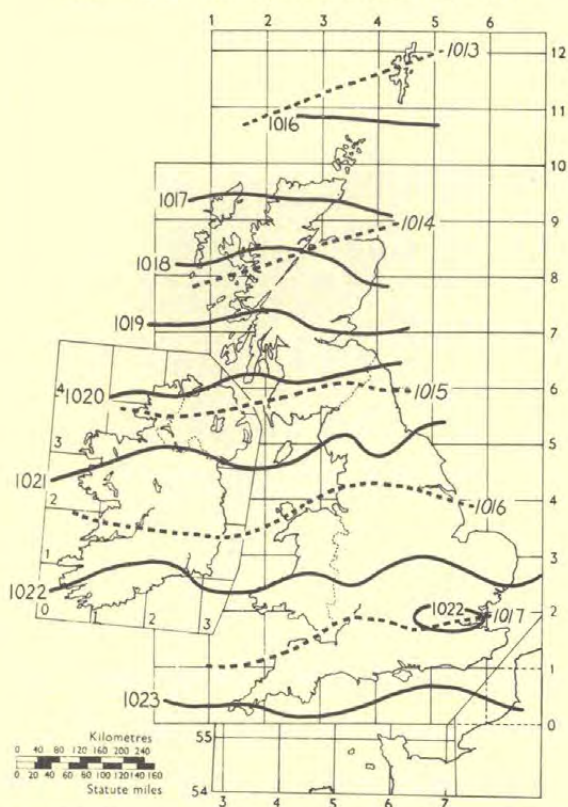
1967

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours	No. of days	Duration in Hours	No. of days	Duration in Hours	Veer from N	Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time		
6	Zetland	Lerwick	93	10	10	4	3	10	99	284	284	50	0	12.6	250	36	4	09	300	54	4	1010
	Orkney	Kirkwall	41	15	10	4, 29, 30	17	10	85	274	279	65	0	12.8	260	43	4	08	270	66	4	0740
	Caithness	Dounreay	34	12	9	4, 20	3	12	83	440	189	0	5	14.7	260	36	4	07	260	52	4	0645
		Wick	45	10	10	4, 20	3	5	30	283	302	102	0	10.3	280	36	4	10	280	51	4	0935
	Sutherland	Shin	24	10	10																	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	-	0	14	96	275	172	177	0	11.4	250	33	29	14	240	50	29	0340
		Duirinish	38	20	17		0	8	35	260	262	125	38	9.8	250	30	20	11	280	43	20	1100
	Inverness	Benbecula	16	10	10	20	2	13	112	363	205	38	0	14.1	320	39	20	10	320	53	20	0940
		Fort Augustus (N.S.H.E.B.)	58	16	16		0	0	0	198	294	214	14	7.1	230	21	29	14	230	43	29	1110
		Cairngorm	1074	9	9																	
1	Moray	Kinloss	17	13	13	-	0	9	57	297	301	65	0	11.3	230	33	4		250	48	4	0910
		Lossiemouth	31	24	18	20	1	5	34	217	351	117	0	9.2	280	35	20	15	280	55	20	1415
	Aberdeen	Dyce	71	9	9	-	0	4	11	239	341	129	0	8.7	290	28	20	16	290	50	20	1525
	Angus	Bell Rock	39	40	38	-	0	14	125	317	159	119	0	13.2	270	33	20	15	250	44	20	1135
	Perth	Rannoch	307	17	17	-	0	10	82	251	262	122	3	10.8	260	33	4	10	260	47	20	1220
		Tummel Bridge	161	16	16	-	0	1	1	132	388	194	5	6.2	280	24	20	13	280	45	20	1250
	Fife	Leuchars	24	12	12	-	0	4	14	306	289	111	0	9.7	240	29	20	12	240	43	20	1150
	West Lothian	Forth Road Bridge	72	9	72	*																
	Midlothian	Turnhouse	42	12	10	-	0	3	20	242	342	116	0	9.1	250	26	20	13	260	43	20	1300
		Edinburgh, Blackford Hill	151	15	10	-																
6a	Argyll	Tiree	27	18	14	-	0	9	65	310	219	126	0	11.4	280	31	20	11	280	47	20	1015
	Dunbarton	Cumbernauld	166	10	10	-																
	Renfrew	Paisley	57	25	9	-	0	2	4	109	314	293	0	5.8	290	25	20	12	290	50	20	1130
		Abbotsinch	16	10	10	-	0	4	33	214	350	123	0	8.9	250	32	20	11	260	48	20	1105
	Lanark	Lowther Hill	736	13	10	20	4	12	80	251	203	151	31	11.1	310	39	20	17	280	49	29	1505
	Ayr	Hunterston	13	9	9	-	0	1	5	122	328	265	0	6.2	260	26	29	17	260	32	29	1705
		Prestwick	21	10	10	-	0	1	2	276	333	109	0	8.8	240	25	20	12	250	37	20	1150
	Dumfries	Chapelcross	94	15	15	-																
		Eskdalemuir	251	15	11	-	0	4	11	165	264	280	0	6.5	220	26	28	14	290	45	20	1555
	Wigtown	West Freugh	25	10	10	-	0	1	6	263	382	69	0	9.4	320	24	20	14	320	39	20	1555
6b	Isle of Man	Ronaldsway	25	10	10	-	0	2	8	182	378	152	0	7.9	200	30	22	17	210	43	22	1710
		Point of Ayre	20	10	10	-	0	7	18	362	295	45	0	11.3	220	27	21	20	210	47	22	1720
2	Durham	Durham	119	16	10	-	0	1	1	187	303	223	6	7.3	320	23	7	09	320	44	7	0820
		South Shields	22	17	13	-	0	0	0	155	326	239	0	6.6	310	21	29	13	330	37	29	1255
	Yorks, N.R.	Leeming	42	10	10	-	0	3	7	200	398	115	0	8.2	250	25	6	16	250	38	6	1155
		Silpho Moor	207	15	9	-	0	0	0	91	351	261	17	5.6	230	18	6	12	230	45	6	1355
	Lincoln	Cranwell	76	12	12	-	0	0	0	202	376	142	0	8.2	230	21	22	20	260	32	29	0900
		Binbrook	118	10	10	-	0	3	4	246	400	70	0	9.3	270	24	20	17	230	37	22	1645
		Manby	26	10	10	-	0	1	1	278	391	50	0	9.3	290	22	20	18	280	31	20	1800
3	Norfolk	Gorleston	16	13	13	-																
	Suffolk	Mildenhall	30	25	18	-	0	0	0	82	383	255	0	5.6	250	21	25	17	220	43	25	1600
	Bedford	Bedford	98	13	9	-	0	0	0	192	418	76	34	8.1	230	18	6	17	210	40	25	1625
		Cardington	69	41	41	6, 25	2	11	66	375	207	70	0	12.7	230	36	25	16	250	53	25	1605
	Hertford	Garston	94	15	10	-	0	0	0	16	536	168	0	5.3	270	14	29	16	250	28	25	1430
		Rothamsted	141	13	10	-	0	0	0	6	475	239	0	4.9	250	12	25	15	250	38	25	1440
	Essex	Stansted	107	9	9	-	0	0	0	219	417	84	0	8.2	260	17	29	17	250	28	25	1510
		Coryton	20	17	15	-	0	0	0	123	381	186	30	6.5	340	17	14	15	250	33	25	1400
		Shoburness	36	32	28	-	0	4	10	372	312	23	3	11.1	090	24	24	17	250	34	25	1440
4	Yorks, W.R.	Sheffield	162	25	11	0																
	Warwick	Edgbaston	196	36	22	-	0	0	0	80	575	65	0	6.7	250	17	6	16	230	30	29	0930
		Elmdon	105	9	9	-	0	0	0	182	429	109	0	7.7	270	19	20	16	270	33	20	1540
	Buckingham	Amersham	152	15	15	-	0	0	0	26	504	190	0	5.6	180	14	26	16	-	32	25	1415
	Stafford	Keele	215	15	10	-	0	0	0	49	391	280	0	5.1	240	14	6	13	230	34	6	1650
	Worcester	Pershore	47	10	10	-	0	0	0	225	386	159	0	8.1	230	21	28	22	240	32	22	1845
	Gloucester	Avonmouth	28	19	10	-																
5	Greater London	London W/Centre	93	70	38	-	0	0	0	261	413	46	0	9.0	250	19	25	15	200	27	26	1025
		Heathrow	35	10	10	-	0	0	0	190	482	48	0	8.0	190	18	26	13	220	33	25	1400
		Hampton	42	31	30	-	0	0	0	112	442	166	0	6.6	290	19	25	15	280	43	25	1405
		Kew	28	23	15	-	0	0	0	132	441	147	0	6.9	250	17	25	15	190	42	25	1405
	Surrey	Gatwick	69	10	10	-	0	0	0	84	455	181	0	6.2	200	17	26	14	230	46	25	1330
	Kent	Isle of Grain	15	12	10	-	0	0	0	172	375	173	0	7.2	090	19	24	17	240	28	25	1425
		Dover	21	12	19	-	0	4	16	392	261	51	0	11.4	220	26	25	16	180	55	25	1520
	Sussex	Thorney Island	16	10	10	-	0	2	9	228	392	91	0	8.9	200	25	26	01	200	38	26	0720
	Berkshire	Abingdon	90	12	12	-	0	0	0	109	413	198	0	6.3	260	16	6	18	190	37	25	1400
	Hampshire	Hurn	26	16	14	-	0															

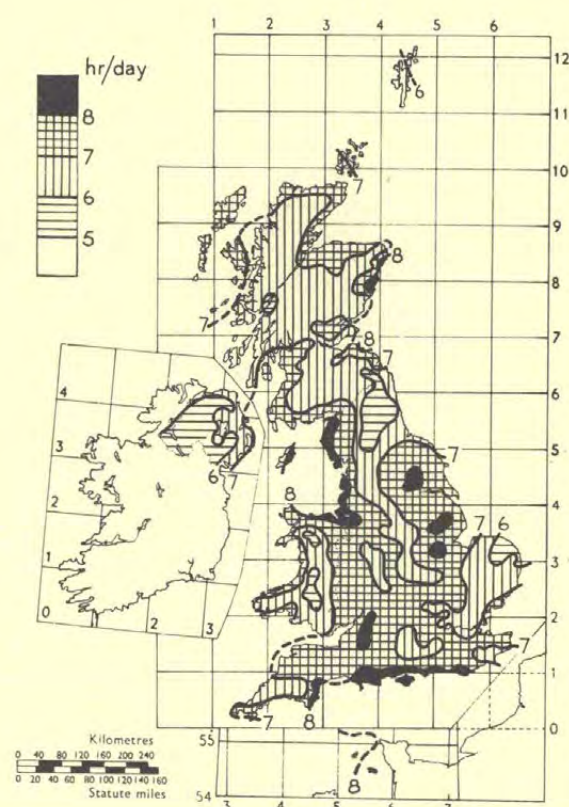


## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

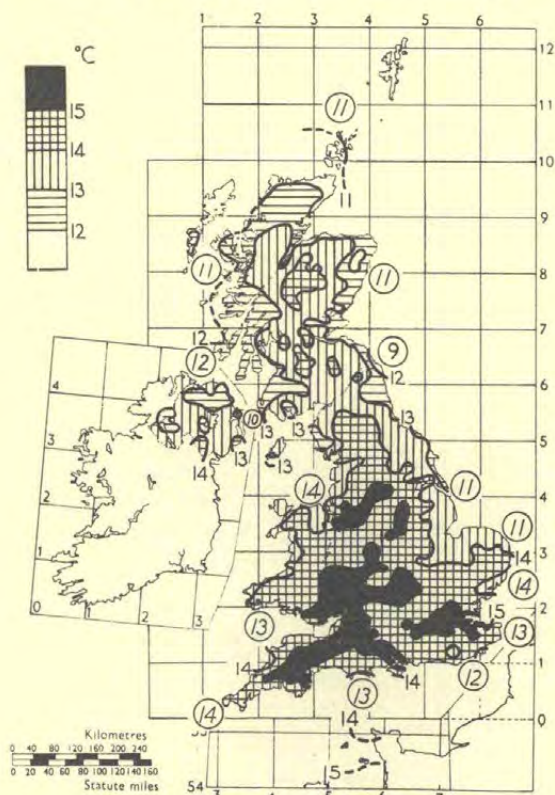


## BRIGHT SUNSHINE

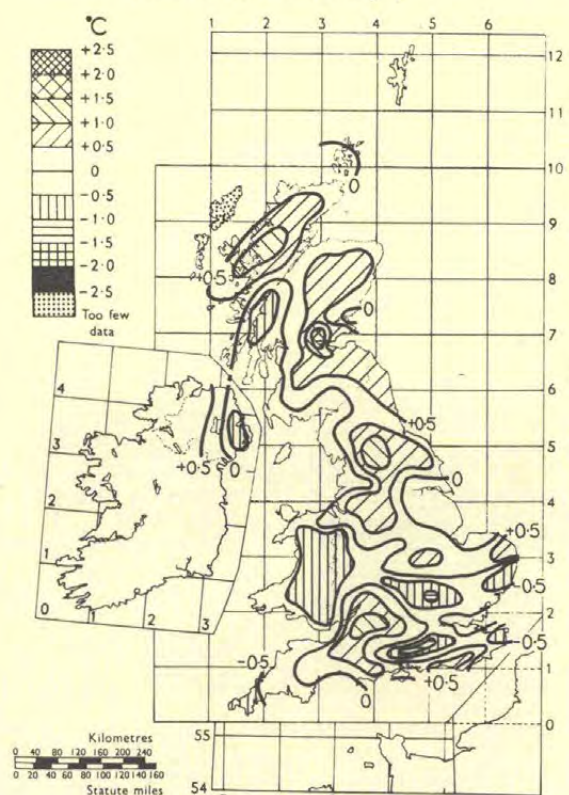


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE (based on 1931-1960 averages)





# RAINFALL

JUNE 1967

The equivalent values in inches  
are given in round numbers.

The exact relation is 10 in. = 254 mm.

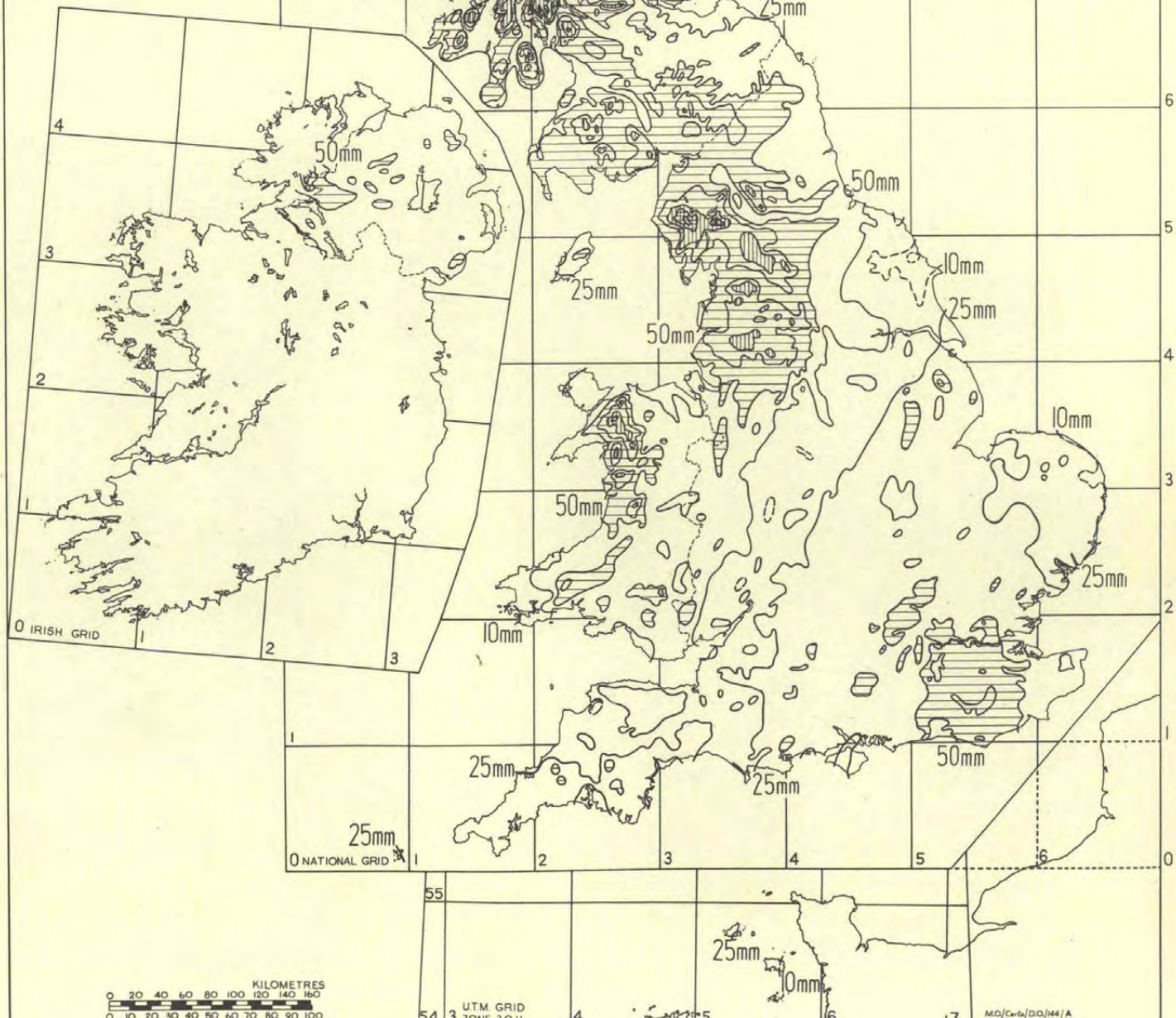
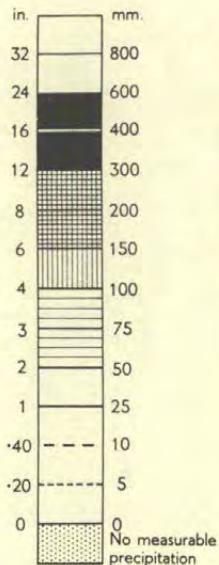




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS

JUNE,

1967

DISTRICT, COUNTY AND PLACE			Max. Min. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a Day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																			
																			30 cm.	122 cm.													
0 SCOTLAND, N.																																	
Zetland	Hamnavoe	...	99	21	12.4	8.1	10.3	-	15.6	13	5.6	8	-	46	-	9	20	16	11	0	0	0	0	0	0	0	0	0	4	6.56	-	-	
	Lerwick	99	82	12.1	7.4	9.7	-0.3	15.3	17	3.9	24	-	59	104	14	20	20	14	0	0	0	0	0	0	0	0	0	2	6.16	117	-		
Orkney	Baltsound	...	99	24	13.2	7.2	10.2	-	16.7	12, 13	3.3	12, 24	9.5	77	118	16	20	18	15	0	0	0	0	0	0	0	1	0	1	5.59	-	-	
	Sule Skerry	...	21-9	13	13.1	9.0	11.1	-	16.6	13	7.2	8, 24	-	80	-	13	3	16	13	0	0	0	0	0	0	0	2	0	0	1	-	-	
Stenness	...	99	23	14.9	8.1	11.5	-	20.6	13	5.6	2, 11	11.3	9.2	45	87	6	3, 6	18	13	0	0	0	0	0	0	0	0	0	3	1	7.13	-	-
	Evie	...	99	34	13.9	7.1	10.5	-	20.0	13	3.3	11, 12, 24	-	44	-	9	20	15	10	-	-	-	-	1	0	2	-	6.87	-	-	-	-	
Caithness	Kirkwall	...	21-9	26	14.0	7.8	10.9	+0.1	17.8	13	4.0	11	-	51	98	9	6	16	11	0	0	1	0	0	1	0	1	3	6.86	125	-	-	
	Dounreay	...	99	21	15.8	7.3	11.5	-	22.8	17	2.2	4	-	35	-	8	3	13	12	0	0	0	0	0	0	0	0	0	2	-	-	-	
Wick	...	99	36	14.1	7.7	10.9	+0.1	17.8	28	3.8	11	-	33	63	6	19	17	10	0	0	0	0	1	0	2	0	1	7.28	132	-	-		
	Cape Wrath	...	21-9	112	12.8	8.2	10.5	-0.1	18.4	17	6.0	8, 30	-	86	113	13	21	18	14	0	0	0	0	1	0	0	2	7.57	-	-	-	-	
Sutherland	Achfary	...	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Achany	...	99	85	17.6	6.8	12.2	-	23.9	13	2.8	11, 14	13.2	9.8	55	89	11	6	18	15	0	0	0	0	0	0	0	10	1	7.73	-	-	
Strathly	...	99	37	15.9	7.1	11.5	-0.1	22.2	17	2.2	11	-	42	61	6	27	15	13	0	0	0	0	0	0	0	-	0	7.27	138	-	-		
	Stornoway	99	3	15.4	7.6	11.5	-0.1	20.7	17	3.1	23	-	82	126	17	24	17	11	0	0	0	0	0	0	1	0	3	0	7.44	129	-	-	
Ross & Cromarty	Balmacara	...	99	4	16.3	8.9	12.6	-	21.7	12, 13, 17	6.1	8, 10	-	78	-	22	19	13	13	0	0	0	0	0	0	0	-	0	-	-	-	-	
	Poolewe	...	99	6	16.0	8.8	12.4	-	21.1	12, 13	5.0	10	-	135	139	24	3	18	16	-	-	-	-	0	0	0	1	0	0	1	-	-	S
Rudh Re	...	21-9	16	13.7	8.9	11.3	-	18.3	17	5.9	8	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	1	-	-	-	-	-	
	Inverpolly	...	99	14	15.6	8.7	12.1	-	20.0	13, 14	5.0	8	12.5	-	75	-	16	3	17	16	0	0	0	0	0	-	0	4	0	-	-	-	
Achnashellach	...	99	67	17.4	7.9	12.7	+0.3	24.4	13	3.9	10	-	150	118	26	3	19	18	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
	Kinlochewe	...	99	23	17.6	8.2	12.9	+0.1	23.9	17	4.4	11	12.9	-	124	103	25	3	18	14	0	0	0	0	0	0	2	0	5.70	-	-	S	
Fortrose	...	99	5	15.9	9.9	12.9	+0.4	19.4	16	7.2	8, 11	-	19	41	3	7, 19	15	8	1	0	0	0	0	0	0	-	0	7.51	132	-	-	-	
	Tarbatness	...	21-9	18	15.4	9.0	12.2	+0.1	19.0	15	6.0	5	-	32	78	7	6	10	8	1	0	0	0	0	2	0	-	1	-	-	-	-	
Benbecula	...	21-9	6	15.0	9.1	12.1	-0.1	19.4	17	5.9	11	-	91	123	23	27	19	12	0	0	0	0	0	0	0	1	1	7.92	-	-	-	-	
	Isle of Rhum	...	99	5	16.2	7.8	12.0	-	21.7	13	4.4	1, 10, 11	14.7	11.4	192	119	50	27	17	14	0	0	0	0	0	0	0	3	-	-	-	-	
Prabost	...	99	67	15.6	8.1	11.9	-	21.1	17	4.4	5	-	133	128	23	27	20	16	0	0	0	0	0	0	0	1	5	7.41	-	-	-	-	
	Duntulm	...	99	90	14.1	8.6	11.3	-0.2	18.3	17	6.1	1, 5	-	105	124	23	27	19	18	0	0	1	0	1	0	0	1	6.97	122	-	-	-	
Onich	...	99	15	16.3	8.2	12.3	-0.3	21.1	17, 25	4.4	8, 10	-	134	108	23	27	17	13	-	0	-	-	-	0	0	3	-	5.86	120	-	-	S	
	Fort William	...	99	8	17.2	9.3	13.3	-	22.2	17	3.9	10	14.1	12.2	108	-	21	28	18	15	0	0	0	0	0	0	0	0	6.31	-	-	-	-
Fort Augustus	...	99	21	17.3	8.5	12.9	+0.2	23.9	16	3.9	10	-	49	-	10	3	18	10	0	0	0	0	0	0	0	-	0	6.42	-	-	-	S	
	Cannich	...	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverness	...	99	4	17.4	9.2	13.3	-	21.7	16	3.3	6	-	15	33	4	27	12	6	0	0	0	0	0	0	1	0	0	7.38	-	-	-	-	
	Coire Cas Shieling	...	99	762	14.3	6.1	10.2	-	22.8	12	1.7	8	-	66	-	13	7	16	15	0	-	0	0	0	0	0	-	3	-	-	-	-	
Cairngorm	...	99	1090	10.6	3.4	7.0	-	18.3	12	-1.7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	
	Achnagoichan	...	99	305	17.6	6.1	11.9	-	25.0	12	-2.2	1	10.8	-	26	-	4	26	12	11	0	-	0	0	-	-	1	7	0	-	-	-	-
Glenmore Lodge	...	99	341	17.2	6.1	11.7	+0.5	24.0	12	0.2	11	-	28	43	10	7	14	9	-	0	-	-	-	0	0	8	-	6.71	-	-	-	S	
1 SCOTLAND, E.																																	
Nairn	Nairn	...	99	6	16.9	8.3	12.6	0.0	21.1	2, 14	2.2	11	-	19	40	4	19	14	8	0	0	0	0	0	0	1	0	1	0	7.37	130	-	-
	Grantown-on-Spey	...	99	221	18.2	6.6	12.4	-	24.4	13	0.6	11	-	29	-	7	7	11	8	0	0	0	0	0	0	0	0	-	0	-	-	-	-
Moray	Forres	...	99	47	17.2	8.4	12.8	0.0	22.2	14	3.3	11	14.2	10.8	25	49	6	7	10	8	0	0	0	0	0	0	0	0	7.50	125	-	-	
	Kinloss	...	21-9	5	17.6	8.3	12.9	+0.4	21.2	28	2.4	11	12.3	-	23	46	4	7	14	8	0	0	0	0	0	0	1	1	7.51	-	-	-	-
Elgin	...	99	15	17.3	8.6	12.9	-	21.1	14	1.1	11	-	24	44	5	7	14	7	0	0	0	0	0	0	0	1	0	7.96	-	-	-	-	
	Lossiemouth	...	99	6	16.5	8.1	12.3	-0.2	21.1	28	2.8	5	-	25	49	5	24	11	8	0	0	0	0	1	1	0	1	3	-	-	-	-	
Gordon Castle	...	99	32	18.1	8.2	13.1	+0.2	22.8	2	1.7	11	-	19	33	4	27	13	6	0	0	0	0	0	0	-	0	-	1	7.53	134	-	-	
	Glenlivet	...	99	215	17.8	7.0	12.4	-	24.2	13	0.5	11	-	46	-	17	3	13	9	0	0	0	0	0	0	0	6	0	7.45	-	-	-	S
Banff	Banff	...	99	24	16.6	9.0	12.8	-	21.1	28	5.6	12	-	26	-	8	19	12	9	0	0	0	0	1	1	0	-	7.42	-	-	-	-	
	Braemar	...	99	339	17.4	6.8	12.1	+0.7	24.4	13	2.2	11	-	40	83	7	19	16	13	-	0	-	-	0	0	0	-	6.67	-	-	-	S	
Balmoral	...	99	283	17.1	5.3	11.2	-0.3	22.8	14	-0.6	12	-	34	72	9	1	13	10	0	0	0	0	0	-	1	2	0	-	-	-	-		



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. of Observation	Min. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE, 1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					A Max.	B Min.			Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1967

DISTRICT, COUNTY AND PLACE	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE									
			MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	Most in a day (mm.)	Date	Precip'n			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure					
			A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more																		
4 MIDLAND COUNTIES																																				
Yorks.,			9 9	192	17.6	7.9	12.7	-	23.3	14	3.9	9,11	-	-	95	109	41	24	15	9	0	0	0	0	0	0	0	0	0	0	6.87	-	-			
W. Riding			9 9	395	15.6	7.4	11.5	-	21.7	14	3.3	9,23	12.9	-	98	117	31	25	15	11	0	0	0	0	0	0	0	0	0	0	4	-	-			
			9 9	99	(19.3)	9.5	(14.4)	-	25.0	14	5.0	11	14.7	11.6	59	126	23	25	8	6	-	0	-	-	-	-	-	-	0	0	0	7.17	126	-		
		Oakes	21-9	235	19.2	8.8	14.0	-	24.7	14	4.8	11	14.3	10.6	67	118	26	24	13	9	0	0	0	0	0	0	0	0	0	0	0	6.86	115	-		
		Bradford	9 9	134	18.3	9.2	13.7	-0.1	23.9	14	5.6	5,9,11	14.2	10.8	69	135	24	24	13	7	0	0	0	0	0	0	0	0	0	0	1	0	-	8		
		Ilkley	9 9	96	19.2	8.6	13.9	0.0	24.4	14	4.4	5,11	-	-	55	96	30	24	10	8	0	0	0	0	0	0	0	0	0	0	0	7.44	127	-		
		Sheffield	9 9	131	19.6	10.2	14.9	+0.4	24.4	14	6.7	9,11	14.9	11.6	14	29	8	25	6	4	0	0	0	0	0	0	0	0	0	0	0	7.09	117	-		
		Pontefract	9 9	78	18.7	9.4	14.1	+0.1	23.9	14	5.6	9	-	-	33	80	28	25	4	3	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
		Bramham	9 9	54	18.9	(8.3)	(13.6)	-	24.4	14	2.8	11	-	-	28	49	18	25	8	3	0	0	0	0	0	0	0	0	0	0	1	0	7.58	-	-	
		Cawood	9 9	6	19.3	8.6	13.9	-	24.4	14	3.3	11	15.1	12.3	38	83	32	25	6	4	0	0	0	0	0	0	0	0	0	0	0	8.57	-	-		
		Askham Bryan	9 9	34	19.3	8.6	13.9	-	24.4	14	4.4	9,11	-	-	13	26	10	25	7	2	0	0	0	0	0	0	0	0	0	0	0	7.93	131	-		
Derby		Buxton	9 9	307	17.1	8.3	12.7	+0.1	21.1	14	2.8	9	14.1	11.4	25	31	7	25	10	7	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
		Derby	9 9	48	19.9	9.9	14.9	-	23.9	14,18	5.6	11,13	-	-	21	46	8	25	10	5	0	0	0	0	0	0	0	0	0	0	0	7.15	-	-		
		Morley	9 9	107	(19.1)	(9.3)	(14.2)	-	23.3	14,15	5.6	9	-	-	22	47	8	25	9	6	0	0	0	0	0	0	0	0	0	0	0	6.82	-	-		
		Chesterfield	9 9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Nottingham		Sutton Bonington	9 9	48	19.8	8.0	13.9	-0.5	23.9	14	1.7	11	13.6	11.9	17	46	8	25	8	4	0	0	0	0	0	0	0	0	0	0	8	0	6.74	111	-	
		Watnall	21-9	118	19.6	8.9	14.3	0.0	24.0	14	3.7	11	-	-	21	48	6	25	8	5	0	0	0	0	0	0	0	0	0	0	2	0	6.65	108	-	
		Nottingham T.C.*	9 9	48	19.7	(9.5)	(14.6)	-	23.9	14	5.0	11	-	-	20	-	6	25	6	5	-	-	-	-	-	-	-	-	0	0	0	-	(6.90)	-	-	
		Mansfield	9 9	110	19.3	9.6	14.5	+0.2	23.9	14	4.4	11	15.9	-	16	38	6	25	5	5	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
		Nottingham	9 9	59	19.3	10.2	14.7	-0.2	23.3	14	7.2	5,9,13	15.1	12.6	20	54	8	24	5	4	0	0	0	0	0	0	0	0	0	0	0	0	6.67	117	-	
		Warsop	9 9	46	19.8	7.2	13.5	-	25.0	14	0.6	9,11	-	-	13	34	8	25	4	4	0	0	0	0	0	0	0	0	0	0	7	0	7.20	-	-	
		Finningley	21-9	10	20.0	9.6	14.8	+0.1	24.2	14	4.3	9	-	-	17	-	11	25	5	3	0	0	0	0	0	0	0	0	0	0	0	0	7.69	-	-	
Leicester		Newtown Linford	9 9	119	18.9	8.2	13.5	-	23.3	14	2.2	13	-	-	33	73	19	24	7	5	-	-	-	-	-	-	-	-	0	0	5	-	7.15	-	-	
		Caldecott	9 9	53	19.7	7.5	13.6	-	23.3	22,30	1.1	11	-	-	21	51	8	25	6	3	-	-	-	-	-	-	-	-	0	0	0	-	7.29	-	-	
Northampton		Bugbrooke Mills	9 9	69	-	-	-	-	-	-	-	-	14.5	11.8	34	89	18	25	4	3	-	-	-	-	-	-	-	-	-	-	-	-	7.10	-	-	
		Raunds	9 9	59	19.6	8.6	14.1	-0.5	23.3	14	3.9	9,11	15.8	11.6	28	74	21	25	6	4	0	0	0	0	0	0	0	0	0	0	0	0	6.82	112	-	
Warwick		Birmingham K.E.S.**	9 9	137	19.3	(9.3)	(14.3)	-	22.8	5,18	2.8	10,13	-	-	25	56	10	26	7	5	0	0	0	0	0	0	0	0	0	0	0	-	-	-		
		Edgbaston	21-9	163	18.8	10.3	14.5	-0.1	23.1	14	7.3	9	11.8	10.6	21	44	7	25	9	3	0	0	0	0	0	0	0	0	0	0	2	0	6.66	111	-	
		Luddington	9 9	42	20.0	8.2	14.1	-	23.9	14	2.8	13	-	-	31	77	13	24	6	5	0	0	0	0	0	0	0	0	0	0	0	8	0	6.55	-	-
		Stratford on Avon	9 9	49	20.4	7.9	14.1	-	23.9	14	2.2	13	16.4	-	27	52	12	25	6	3	0	0	0	0	0	0	0	0	0	0	0	0	7.17	-	-	
		Eldon	21-9	97	19.6	8.6	14.1	0.0	24.3	14	2.3	13	-	-	21	50	8	25	9	7	0	0	0	0	0	0	0	0	0	0	8	0	7.12	-	-	
		Shipston on Stour	9 9	111	19.0	9.2	14.1	-	23.3	14	5.0	11,13,18	14.9	-	29	67	12	24	7	4	0	0	0	0	0	0	0	0	0	0	1	0	7.22	-	-	
		Wellesbourne	9 9	47	(19.9)	(8.5)	(14.2)	-	23.9	14	2.2	13	(15.2)	(12.9)	36	86	17	24	6	4	0	0	0	0	0	0	0	0	0	0	-	-	-	-		
		Coventry	9 9	107	19.1	9.3	14.2	-	23.3	14	5.0	13	14.9	12.3	35	-	25	25	9	5	0	0	0	0	0	0	0	0	0	0	0	0	(5.93)	-	-	
		Moreton Morrell	9 9	85	19.7	8.9	14.3	-	24.4	14	3.3	13	-	-	32	76	18	24	7	4	0	0	0	0	0	0	0	0	0	0	0	0	7.77	-	-	
		Rugby	9 9	117	(19.2)	(9.0)	(14.1)	(-0.3)	25.0	30	4.4	11,13	16.1	13.4	42	95	22	24	5	4	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Oxford		Oxford	9 9	63	19.6	9.9	14.7	-0.6	23.3	14	5.0	8	16.3	13.6	49	114	25	25	6	4	0	0	0	0	0	0	0	0	0	0	0	0	7.73	117	-	
Buckingham		Medmenham	9 9	30	19.9	7.0	13.5	-	23.3	14	1.1	11,13	-	-	55	-	23	25	5	5	-	-	-	-	-	-	-	-	0	0	21	-	-	-		
		Grendon Underwood	9 9	67	19.2	7.3	13.3	-	22.8	14	1.1	11	15.6	12.5	33	-	20	25	4	3	0	0	0	0	0	0	0	0	0	0	1	0	7.13	-	-	
		Aylesbury	9 9	96	19.2	8.9	14.1	-	22.8	14	2.8	11,18	-	-	48	117	25	25	6	5	0	0	0	0	0	0	0	0	0	0	0	3	0	7.27	-	-
		Bletchley	9 9	86	(19.9)	(9.3)	(14.6)	-	23.9	14	3.9	11	-	-	30	-	24	25	3	3																



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in 24 hr. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1967

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	Amount (mm.)	Date	Precip'n			Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C			Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more					Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
					A Max.	B Min.			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more													
8b ENGLAND, S.W. - cont.																																	
Devon	Plymouth, The Hoe	9 9	36	18.3	11.1	14.7	-0.3	22.8	15	5.6	8	15.7	13.4	15	29	5	24	6	4	0	0	0	0	0	0	0	0	0	0	1	6.68	91	-
—cont.	Tavistock	9 9	139	19.6	9.1	14.3	0.0	26.1	15	5.0	9, 12	-	-	19	-	6	25	7	5	0	0	0	0	1	0	0	5	0	-	-	-	-	
	Chivenor	21-9	6	18.9	10.5	14.7	-0.4	24.0	16	7.1	8	-	-	12	26	8	25	8	2	0	0	0	0	0	0	0	0	0	7.52	-	-	-	
	Ilfracombe	9 9	8																														
	Princetown	9 9	414																														
	Totnes	9 9	37	19.8	8.5	14.1	-	24.4	15	2.8	2	16.0	12.6	29	51	13	24	7	5	0	0	0	0	1	0	0	2	0	7.75	-	-	-	
	Slapton	9 9	32	18.5	10.4	14.5	-	23.9	15	6.1	1, 12, 13	-	-	29	-	10	25	9	7	0	0	0	0	1	1	0	0	0	-	-	-	-	
	Newton Abbot	9 9	83	-	10.2	-	-	-	-	6.1	9	-	-	26	54	12	25	4	4	0	0	0	0	1	1	0	0	0	8.13	118	-	-	
	Paignton	9 9	2																														
	Torquay	9 9	8	19.0	11.4	15.2	+0.2	23.3	6, 15	7.7	1	-	11.4	25	56	12	25	4	4	0	0	0	0	0	1	0	0	0	8.90	116	-	-	
	Teignmouth	9 9	6	18.7	11.3	15.0	-0.2	22.8	15	7.2	9	-	-	20	48	9	25	5	4	0	0	0	0	1	1	0	0	0	8.39	112	-	-	
	Starcross	9 9	9	18.8	9.7	14.3	-	23.9	15	5.6	13	16.2	-	25	56	14	25	4	4	0	0	0	0	0	1	0	0	0	7.87	-	-	-	
	Exmouth	9 9	59	18.3	10.7	14.5	+0.1	24.4	15	7.2	13	-	-	25	54	10	25	5	4	0	0	0	0	2	1	0	-	0	7.87	109	-	-	
	Exeter	21-9	32	19.7	10.1	14.9	-	24.1	15	6.0	9	-	-	23	53	11	25	6	4	0	0	0	0	1	1	0	0	0	7.41	-	-	-	
	Sidmouth	9 9	8	18.3	10.6	14.5	0.0	23.9	15	6.1	9	-	-	24	55	10	23	5	4	-	-	-	-	2	0	0	-	0	7.37	103	-	-	
Cornwall	Scilly	21-9	48	17.4	11.6	14.5	+0.2	19.8	15, 18	9.6	12	-	-	18	41	12	25	8	3	0	0	0	0	3	0	0	0	0	6.75	89	-	-	
	Penzance	9 9	19	18.3	11.1	14.7	-0.2	21.7	16, 17, 18	6.7	9	-	-	32	62	14	25	8	5	0	0	0	0	0	0	0	0	0	7.28	99	-	-	
	Gulval	9 9	15																														
	Culdrose	9 9	82	17.0	10.6	13.8	-	21.7	16	6.1	3	-	-	35	81	19	26	6	4	0	0	0	0	1	5	0	0	0	7.33	-	-	-	
	Rosewarne	9 9	76	17.1	10.8	13.9	-	19.4	17, 18	7.2	13	15.2	13.3	43	91	21	26	11	5	0	0	0	0	1	0	0	0	0	6.88	-	-	-	
	Lizard	9 9	73	16.9	10.6	13.7	-0.4	22.6	15	8.0	9	-	-	29	69	18	26	8	3	0	0	0	0	2	-	-	0	2	6.78	-	-	-	
	Falmouth	9 9	51	17.8	10.8	14.3	-0.4	22.2	15, 16	6.1	1	-	-	35	64	19	26	6	5	0	0	0	0	1	0	0	-	0	7.10	94	-	-	
	Newquay	9 9	54	17.2	10.8	14.0	-0.2	19.4	11, 22, 30	6.1	9	-	-	35	78	14	26	9	5	0	-	0	0	2	-	-	0	-	6.64	91	-	-	
	St. Mawgan	21-9	103	17.3	10.8	14.1	-	21.1	17	7.4	9	-	-	35	64	14	26	8	5	0	0	0	0	2	4	0	0	0	6.57	-	-	-	
	St. Austell	9 9	94	18.3	9.8	14.1	-	22.8	16, 17	5.6	3	-	-	48	81	23	26	9	6	0	0	0	0	0	1	0	-	0	-	-	-	-	
	Fowey	9 9	40	18.4	10.2	14.3	-0.4	23.3	14, 15	6.7	1	-	-	38	-	18	26	7	5	0	0	0	0	0	0	0	-	1	-	-	-	-	
	Bude	9 9	15	17.3	9.7	13.5	-0.7	22.8	16, 17	4.4	9	14.1	-	12	27	6	25	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ellbridge	9 9	58	18.7	9.7	14.2	-0.3	25.0	14	5.0	10	-	-	19	35	7	25	6	4	0	0	0	0	0	0	0	0	0	6.69	93	-	-	
9 NORTHERN IRELAND																																	
Londonderry	Loughmore Forest	9 9	174	16.6	6.1	11.3	-	23.3	17	0.0	9	-	-	41	-	9	21	14	9	0	0	0	0	0	0	0	4	1	-	-	-	-	
	Ballykelly	21-9	2	17.4	8.5	12.9	-0.7	22.8	12, 17	3.5	9	15.1	11.6	27	47	8	22	11	6	0	0	0	0	0	0	0	0	0	6.04	107	-	-	
	Derryoyd Forest	9 9	88	18.1	7.3	12.7	-	23.9	17	2.8	9, 11	-	-	43	-	15	21	12	8	0	0	0	0	0	0	0	4	0	-	-	-	-	
	Somerset Forest	9 9	43	17.6	7.8	12.7	-	23.3	17	2.2	9	-	-	33	-	8	21	11	10	0	0	0	0	0	0	0	1	0	-	-	-	-	
	Garvagh Forest	9 9	91	16.9	7.3	12.1	-	22.8	17	2.2	9	14.8	10.6	36	-	8	22	13	7	0	0	0	0	0	0	0	0	0	-	-	-	-	
Antrim	Moneydig	21-9	34	17.5	7.3	12.4	-0.7	22.7	17	1.5	9	14.7	-	36	52	8	21	14	8	0	0	0	0	0	0	0	6	0	-	-	-	-	
	Portrush	9 9	9	-	-	-	-	-	-	-	-	-	-	35	59	8	22	11	10	-	-	-	-	-	-	-	-	-	6.28	-	-	-	
	Ballymoney	9 9	55	17.7	7.9	12.8	-	23.3	17	4.4	8, 9, 15	-	-	28	-	8	21	11	7	0	-	0	0	0	1	0	-	0	-	-	-	-	
	Lisnafillan	9 9	38	17.5	7.6	12.5	-	22.2	17	1.7	9	-	-	37	-	9	22	12	7	0	0	0	0	0	0	0	1	0	6.76	-	-	-	
	Aldergrove	21-9	69	17.5	8.9	13.2	-0.1	22.6	17	4.4	11	14.7	10.7	32	50	10	21	12	7	0	0	0	0	0	0	0	0	0	6.21	104	-	-	
	Greenmount	9 9	32	17.7	8.6	13.1	-	22.8	17	2.2	9	14.8	-	30	-	9	22	11	7	0	0	0	0	0	-	0	-	0	-	-	-	-	
	Altnahinch	9 9	226	15.3	7.4	11.3	-	21.7	17	2.8	9	-	-	48	-	11	21	14	9	0	0	0	0	0	1	0	0	0	5.44	-	-	-	
	Parkmore Forest	9 9	235	15.2	6.7	10.9	-	20.0	13, 14	1.7	23	11.9	-	50	-	10	21	13	10	0	0	0	0	0	2	1	0	-	-	-	-	-	
	Black Mountain	21-9	295	15.6	7.4	11.5	-	20.4	17	3.8	23	-	-	47	-	16	21	15	9	0	0	0	0	0	3	0	-	0	-	-	-	-	
	Lowtown	9 9	271	15.7	7.2	11.5	-	20.0	17	3.3	9, 23	12.3	-	48	-	10	21	14	9	0	0	0	0	0	1	0	3	0	6.22	-	-	-	
	Ballypatrick Forest	9 9	152	15.6	7.3	11.5	-	21.1	17	3.3	5, 11	-	-	34	-	9	22	14	10	0	0	0	0	0	0	0	2	1	6.33	-	-	-	
	Newtownabbey	9 9	32	17.3	10.1	13.7	-	21.7	13, 14	6.1	15	15.4	-	37	-	13	21	14	7	0	0	0	0	0	0	0	0	0	6.87	-	-	-	
	Larne	9 9	43	17.8	8.2	13.0	-	22.2	13	3.9	9	-	-	35	53	9	22	11	9	0	0	0	0	0	0	0	-	0	-	-	-	-	
Down	Kilroot	9 9	22	16.8	8.6	12.7	-	19																									



TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																				
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																										SPEED IN KNOTS														
																										8 or more	4-7	4-5	1-3	Calm										
																										22-33	11-21	1-10	0											
Number of Observations																																								
0 SCOTLAND, N.																																								
Zetland Lerwick	83m.	3	1015.3	-	8.1	0.6	9.9	91	6.0	0	5	5	8	10	2	0	1	1	0	1	0	5	5	8	9	0	5	8	15	2	3	1	0	2	4	7	6	5		
		9	1015.3	+2.1	10.1	1.3	10.4	84	6.5	0	1	6	13	9	1	0	1	0	1	1	1	2	4	11	9	1	4	13	12	0	0	2	3	1	4	4	12	2	2	
		15	1016.0	-	10.9	1.6	10.5	81	6.4	0	2	3	14	9	2	0	2	0	1	0	3	6	8	10	0	4	16	9	1	1	2	0	1	9	5	8	3	3		
		21	1016.0	-	9.0	0.8	10.2	90	6.4	0	2	5	13	7	3	0	3	0	1	0	1	0	5	14	6	0	3	11	15	1	1	0	2	2	5	8	6	5		
		3	1016.5	-	8.6	0.6	10.3	92	5.6	0	6	4	11	7	2	0	0	3	1	1	1	1	2	3	13	6	0	4	8	16	2	4	0	0	3	6	6	8	1	
Orkney Kirkwall	26m.	9	1016.6	+3.2	11.3	1.4	11.1	82	5.9	0	4	6	11	8	1	0	0	0	1	0	0	3	8	9	1	6	10	12	1	5	1	1	2	4	3	11	2	5		
		15	1017.0	-	12.9	2.4	10.9	73	5.7	1	2	5	17	5	0	0	0	0	1	0	1	1	12	15	1	5	12	12	0	2	1	2	5	3	1	11	2	2		
		21	1017.2	-	9.9	1.0	10.6	87	5.8	0	4	7	12	6	1	0	0	0	1	0	0	4	4	9	12	1	2	11	13	3	2	0	1	4	7	1	10	2	3	
		3	1016.7	-	8.5	0.7	10.1	90	5.7	0	6	5	10	6	3	0	1	1	2	0	0	4	4	6	12	0	0	7	20	3	1	0	1	5	3	6	8	3		
		9	1016.8	+3.1	11.5	1.6	11.0	81	5.9	0	3	8	13	5	1	0	0	0	2	0	1	2	3	6	16	1	2	13	14	0	2	1	2	7	4	2	7	5		
Caithness Wick	37m.	15	1017.0	-	12.6	1.9	11.3	78	5.8	0	4	5	16	5	0	0	0	0	0	0	1	2	3	10	14	1	2	15	12	0	2	2	3	8	2	2	5	6	6	
		21	1017.3	-	10.1	0.9	10.9	88	5.7	0	5	4	13	7	1	0	1	0	1	0	0	3	5	7	13	0	2	5	22	1	2	2	3	7	2	3	7	3		
		3	1015.7	-	9.9	0.8	11.0	90	6.2	0	4	3	11	12	0	0	0	0	0	0	0	1	3	12	14	1	6	8	13	2	1	1	4	0	2	15	5	0	3	
		9	1016.4	-	10.8	0.9	11.5	89	5.9	0	4	5	10	10	1	0	1	0	0	0	0	1	2	11	15	1	6	6	12	3	1	0	3	1	0	16	3	0		
		15	1016.9	-	11.5	1.1	11.8	86	5.4	0	6	7	6	10	1	0	1	0	0	0	0	1	0	15	13	1	6	9	13	1	0	0	7	0	0	15	4	3		
Ross & Cromarty Stornoway	5m.	3	1017.2	-	8.5	0.5	10.5	94	4.9	2	3	10	6	1	0	1	1	0	0	0	0	3	14	6	5	0	1	12	8	9	1	1	1	1	4	8	3	2	2	
		9	1017.4	+3.8	12.4	1.6	11.8	82	5.4	1	5	6	9	9	0	0	0	0	0	0	0	4	3	13	9	0	3	10	15	2	0	2	0	3	7	6	7	3		
		15	1017.8	-	13.6	2.1	11.9	76	5.7	0	4	6	15	5	0	0	0	0	0	0	0	1	5	13	11	0	4	16	9	1	1	5	0	2	7	4	8	2	4	
		21	1017.6	-	11.1	1.1	11.5	86	5.2	1	5	7	13	4	0	0	0	0	0	0	0	2	7	14	7	0	0	11	18	1	6	2	2	1	6	8	4	0	0	
		3	1017.4	-	10.0	0.7	11.2	91	5.3	2	5	5	9	8	1	0	0	2	0	0	0	6	5	9	8	0	4	13	9	4	1	1	3	2	2	7	6	4	0	
Inverness Benbecula	6m.	9	1017.8	+4.2	12.7	1.7	11.8	80	5.4	1	7	2	16	4	0	0	0	0	0	0	1	2	3	6	9	9	0	4	14	12	0	1	1	2	1	5	10	6	4	
		15	1018.1	-	13.9	2.3	11.9	75	4.9	1	6	8	12	3	0	0	0	0	0	0	0	2	6	12	10	0	2	23	5	0	0	1	2	0	3	10	9	5		
		21	1018.0	-	11.6	1.3	11.6	85	5.0	1	5	8	11	5	0	0	0	0	0	0	1	2	4	12	11	0	4	14	11	1	3	3	0	0	4	8	8	3		
1 SCOTLAND, E.																																								
Moray Kinloss	6m.	3	1017.8	-	9.4	1.1	10.2	86	5.4	0	8	3	14	5	0	0	0	0	2	0	0	5	5	8	10	0	2	10	16	2	0	0	1	3	4	10	8	2		
		9	1017.9	+4.2	13.5	2.6	11.1	72	5.6	0	4	7	15	4	0	0	0	0	0	0	1	0	3	2	9	15	0	2	11	17	0	5	2	1	1	2	7	9	3	
		15	1017.7	-	15.8	3.8	11.2	63	5.4	0	6	6	13	5	0	0	0	0	0	0	0	0	3	3	3	21	0	4	14	12	0	5	5	5	1	1	2	4	5	4
		21	1018.0	-	11.8	1.7	11.1	80	6.0	0	4	5	13	7	1	0	0	1	0	0	0	1	1	10	17	0	1	11	18	0	5	1	4	0	3	9	6	2		
		3	1017.6	-	8.5	0.9	9.8	87	5.2	1	6	5	12	6	0	0	0	0	3	2	4	1	3	5	12	0	0	5	17	8	1	0	0	1	5	7	3	5		
Aberdeen Dyce	59m.	9	1017.8	+3.4	13.0	2.8	10.3	69	5.7	0	4	6	15	5	0	0	0	0	0	0	3	5	4	5	13	0	2	12	13	3	3	2	0	4	4	2	7	5		
		15	1017.5	-	14.9	3.3	11.1	65	5.7	0	5	4	17	4	0	0	0	0	0	0	1	5	3	4	17	0	1	17	12	0	2	0	5	5	7	5	1	5		
		21	1017.9	-	11.2	1.7	10.6	80	5.4	1	4	5	15	5	0	0	0	0	0	1	6	1	3	8	11	0	0	8	18	4	3	1	2	3	6	4	3	4		
		3	1017.7	-	9.2	0.7	10.6	91	4.8	0	10	5	7	5	3	0	1	0	2	0	1	3	4	0	19	0	0	6	17	7	3	1	0	1	1	6	9	2		
		9	1018.3	-	12.0	1.7	11.2	81	5.7	0	6	5	5	10	4	0	0	2	4	0	0	2	1	4	17	0	1	9	14	6	1	0	1	3	4	2	12	1	1	
Angus Usan	35m.	15	1018.1	-	13.3	1.8	12.1	79	5.8	0	5	6	8	10	1	0	0	1	0	1	2	4	2	2	18	0	2	8	18	2	1	0	2	5	8	6	4	2		
		21	1018.1	-	11.0	1.2	11.2	86	5.5	0	5	8	6	7	4	1	1	2	0	0	1	3	2	3	17	0	0	5	19	6	1	2	1	2	6	4	7	1		
		3	1018.2	-	8.9	0.8	10.3	90	5.3	0	7	4	14	3	2	0	1	2	1	0	0	4	6	10	6	0	1	9	14	6	0	0	2	0	0	12	9	1		
		9	1018.7	+4.2	13.1	2.2	11.3	75	5.9	0	5	6	9	10	0	0	0	0	0	0	1	2	4	5	7	11	0	1	13	11	5	1	0	4	2	3	8	7	0	
		15	1018.2	-	14.9	2.8	11.9	70	5.4	0	5	8	10	7	0	0	0	0	0	0	1	3	8	7	11	0	2	21	6	1	0	0	13	1	0	9	6	0		
Midlothian Turnhouse	44m.	21	1018.3	-	11.4	1.3	11.3	83	5.8	0	5	4	13	6	2	0	0	1	0	2	2	5	6	13	0	0	7	22	1	2	5	9	1	1	6	5	0	0		
		3	1019.3	-	9.3	0.9	10.5	89	5.3	1	5	5	12	5	0	0	1	0	0	2	8	10	6	12	0	1	10	11	8	0	3	3	0	1	7	7	1	0		
		9	1019.6	+4.9	13.2	2.2	11.5	75	5.9	0	5	2	18	5	0	0	0	0	0	0	4	6	7	6	7	0	1	13	14	2	2	6	2	0	7	10	1			
		15	1018.9	-	16.2	3.6	11.7	64	5.1	0	8	5	9	8	0	0	0	0	0	0	6	7	10	7	0	2	16	12	0	1	9	2	0	0	9	9	0			
		21	1019.0	-	12.0	1.6	11.																																	



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

JUNE,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																			
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										8 or more	6-7	4-5	1-3	Calm									
																										SPEED IN KNOTS													
Number of Observations																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington	46m.	3	1019.6	-	9.0	0.6	10.8	92	4.9	0	11	2	9	6	2	0	1	0	1	3	2	2	10	6	5	0	1	4	24	1	3	0	0	2	1	3	16	4	
		9	1020.1	+5.2	13.2	2.1	11.5	76	5.0	0	4	5	11	10	0	0	0	0	0	2	3	4	4	7	10	0	1	13	15	1	3	4	4	2	2	4	9	1	
		15	1019.7	-	14.7	2.9	11.6	70	5.4	0	6	5	15	4	0	0	0	0	0	0	3	3	5	8	11	0	2	13	15	0	0	0	5	6	6	0	4	8	1
		21	1019.7	-	11.1	1.0	11.6	87	5.2	0	7	5	12	6	0	0	0	0	0	1	4	7	10	4	4	0	2	4	20	4	3	0	0	3	6	2	9	3	
		3	1020.1	-	10.6	1.1	11.1	87	4.9	3	7	4	6	8	2	1	1	0	0	2	0	6	11	9	0	0	0	7	20	3	6	1	0	1	3	4	11	1	
Tynemouth	40m.	9	1020.7	+5.4	12.5	2.0	11.1	77	5.7	4	0	4	12	9	1	0	1	0	0	3	2	6	8	10	0	0	2	13	13	2	7	2	1	4	3	1	9	1	
		15	1020.2	-	14.3	2.8	11.4	71	5.4	1	2	11	7	9	0	0	0	0	0	3	5	10	12	0	0	5	8	17	0	0	5	4	6	1	5	9	0		
		21	1019.9	-	12.1	1.5	11.7	83	5.4	1	6	7	6	10	0	0	0	0	0	2	4	8	11	5	0	0	0	11	13	6	2	2	1	0	8	0	10	1	
		3	1019.6	-	9.9	1.3	10.3	84	4.8	0	9	7	6	8	2	0	0	0	1	0	1	8	6	11	1	0	1	3	21	5	4	0	0	0	2	4	14	1	
		9	1020.1	-	12.3	2.2	10.7	75	5.6	0	4	8	8	8	2	0	0	0	3	2	1	5	4	4	11	0	0	11	17	2	7	2	5	0	1	2	11	0	
Seahouses	12m.	15	1019.9	-	14.5	3.2	10.9	67	5.2	0	7	6	12	4	1	0	0	0	2	2	0	6	6	2	12	0	1	10	18	1	1	2	8	3	2	2	10	1	
		21	1019.4	-	11.7	1.6	11.2	81	5.2	0	6	10	6	6	2	0	0	0	3	2	1	4	10	4	6	0	7	18	5	3	0	1	2	8	1	9	1		
		3	1020.5	-	10.0	0.9	11.0	89	5.1	0	10	2	11	6	1	0	1	0	1	3	2	7	7	4	5	0	0	2	18	10	4	1	0	0	5	4	5	1	
		9	1021.0	-	14.0	2.5	11.7	73	5.7	1	6	2	12	9	0	0	0	0	0	1	3	8	6	3	9	0	0	10	19	1	6	5	0	1	7	1	9	0	
		15	1020.1	-	17.6	4.1	12.3	61	4.8	0	8	8	9	5	0	0	0	0	0	0	2	4	10	3	11	0	1	12	15	2	0	10	0	1	5	2	10	0	
Whitby Coastguard	66m.	21	1020.4	-	13.5	2.1	12.0	77	5.1	0	8	4	13	4	1	0	0	0	2	0	3	5	9	3	8	0	0	5	22	3	7	2	0	0	3	4	8	3	
		3	1020.8	-	10.4	1.0	11.1	87	5.3	0	6	6	11	6	1	0	0	1	2	0	1	3	20	3	0	0	0	8	22	0	5	1	0	2	3	14	3	2	
		9	1021.4	-	12.8	1.8	11.8	80	6.2	2	0	5	14	7	2	0	0	0	3	1	1	6	12	6	1	0	0	14	14	1	7	0	1	1	4	3	8	5	
		15	1020.9	-	14.2	2.2	12.3	76	5.2	1	5	6	11	7	0	0	0	0	0	1	1	2	14	11	1	0	3	12	13	2	5	4	4	2	0	5	4	4	
		21	1020.6	-	12.3	1.5	11.9	83	5.2	0	6	8	10	6	0	0	0	0	0	0	2	4	20	4	0	0	0	13	14	3	4	0	2	4	5	6	5	1	
Yorks, E. Riding Leconfield	9m.	3	1020.7	-	9.9	0.8	11.1	90	5.2	0	8	5	11	4	2	0	2	0	1	1	1	7	10	6	2	0	0	3	19	8	3	0	1	0	2	6	7	3	
		9	1021.3	+5.8	14.1	2.5	11.7	73	6.0	0	2	6	16	6	0	0	0	0	0	0	2	3	10	4	11	0	0	14	13	3	6	2	3	0	2	3	10	1	
		15	1020.7	-	16.7	3.8	12.1	64	5.1	0	6	8	12	4	0	0	0	0	0	0	1	3	7	8	11	0	1	20	9	0	2	5	6	2	2	3	9	1	
		21	1020.7	-	12.5	1.6	11.8	81	4.7	0	8	9	7	6	0	0	0	0	0	0	2	6	11	7	4	0	0	8	18	4	2	4	5	2	2	4	7	0	
		3	1021.4	-	10.7	0.7	11.8	91	5.3	2	3	10	6	7	2	0	2	0	1	1	0	3	23	0	0	0	0	13	14	3	6	1	1	0	2	4	8	5	
Kilnsea	16m.	9	1022.3	+6.4	13.3	1.9	12.1	79	5.8	1	3	7	7	12	0	0	0	0	2	1	2	24	1	0	0	0	1	16	12	1	6	5	1	0	2	5	8	2	
		15	1021.7	-	14.8	2.6	12.3	74	5.7	0	3	10	11	5	1	0	2	0	0	0	0	5	23	0	0	0	3	16	9	2	5	4	2	5	0	3	9	0	
		21	1021.5	-	12.4	1.2	12.5	86	5.4	1	3	10	5	9	2	0	1	1	0	0	1	5	22	0	0	0	1	17	9	3	4	2	3	0	5	3	6	4	
		3	1021.2	-	10.0	0.7	11.3	91	5.3	1	6	6	8	9	0	0	0	2	0	1	4	10	3	8	2	0	0	2	28	0	5	2	1	2	3	9	4	4	
		9	1021.7	+5.4	14.0	2.2	12.2	76	5.7	0	4	4	18	4	0	0	0	0	0	0	1	6	10	13	0	0	0	11	19	0	6	5	1	0	2	8	6	2	
Binbrook	109m.	15	1020.8	-	17.4	3.6	12.9	65	4.9	1	5	8	11	5	0	0	0	0	0	0	0	2	6	18	4	0	0	19	11	0	1	9	3	1	2	6	6	2	
		21	1021.1	-	12.5	1.5	12.0	82	4.1	2	11	4	10	3	0	0	0	0	0	1	1	4	12	10	2	0	0	7	22	1	0	5	6	3	1	7	3	4	
		3	1021.1	-	9.8	0.9	10.9	89	5.6	0	5	8	10	7	0	0	0	0	2	1	3	10	11	1	2	0	0	6	23	1	5	0	1	0	3	9	5	6	
		9	1021.7	-	13.1	2.3	11.1	74	6.0	1	2	5	14	8	0	0	0	0	0	0	4	6	8	9	3	0	0	12	17	1	6	5	0	1	1	9	6	1	
		15	1020.9	-	16.2	3.8	11.6	63	5.2	1	6	8	13	4	0	0	0	0	0	0	1	4	8	11	6	0	0	19	10	1	1	8	4	0	2	7	6	1	
Manby	14m.	21	1021.1	-	12.1	1.7	11.4	80	4.8	0	10	5	11	4	0	0	0	0	0	0	2	7	14	6	1	0	0	9	18	3	3	3	4	1	2	7	7	0	
		3	1021.1	-	9.9	0.6	11.3	92	5.4	1	5	6	11	6	1	0	1	1	1	1	3	8	6	9	0	0	0	8	20	2	6	0	1	1	3	4	9	4	
		9	1021.8	+5.8	14.5	2.5	12.1	73	5.9	0	3	6	15	6	0	0	0	0	0	1	2	1	19	5	2	0	0	16	14	0	8	3	0	1	1	5	10	2	
		15	1021.2	-	16.5	3.4	12.5	67	5.5	0	4	7	15	4	0	0	0	0	0	0	4	9	11	6	0	0	0	18	11	1	4	5	3	2	1	6	7	1	
		21	1021.2	-	12.4	1.5	12.1	84	5.3	1	6	6	12	4	1	0	1	0	0	0	0	5	15	9	0	0	0	7	21	2	4	3	3	3	1	7	5	2	
3 ENGLAND, E.																																							
Norfolk West Raynham	80m.	3	1021.2	-	10.0	0.6	11.5	93	5.6	0	5	7	6	10	2	0	2	0	1	2	2	11	9	3	0	0	0	8	22	0	7	1	1	1	4	7	5	4	
		9	1021.8	+5.7	13.7	2.1	12.1	77	5.7	0	4	8	12	6																									



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

JUNE,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																			
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	6-7	4-5	1-3	Calm									
Number of Observations																																							
4 MIDLAND COUNTIES—cont.																																							
Finningley	14m.	3	1020.9	-	10.4	0.7	11.5	90	4.8	4	5	4	11	6	0	0	0	0	0	1	5	15	7	2	0	0	0	2	18	10	2	0	0	0	0	0	0	0	0
		9	1021.5	+5.6	15.1	2.6	12.4	73	5.2	1	6	6	13	4	0	0	0	0	0	1	1	7	14	6	1	0	0	9	20	1	9	2	0	1	1	6	2	4	
		15	1020.5	-	19.0	4.5	13.0	59	5.0	3	5	3	15	4	0	0	0	0	0	0	0	4	12	11	3	0	1	10	19	0	4	5	0	1	1	3	5	7	
Northampton Wittering	67m.	3	1021.5	-	10.0	0.7	11.2	91	5.9	2	3	4	10	8	3	0	2	0	1	1	3	12	10	1	0	0	0	5	23	2	5	5	0	0	2	4	8	4	
		9	1022.0	+5.5	14.4	2.5	12.0	73	5.7	0	3	8	12	6	1	0	0	1	1	2	3	10	11	2	0	0	0	9	20	1	7	3	3	0	2	6	5	2	
		15	1021.1	-	18.1	4.2	12.7	61	5.5	1	5	4	13	7	0	0	0	0	0	0	1	3	12	10	4	0	0	0	19	11	0	3	8	3	0	2	6	7	
Warwick Edgbaston	165m.	3	1021.4	-	13.2	1.7	12.3	81	4.2	2	8	9	8	3	0	0	0	0	0	1	3	4	14	8	0	0	0	0	5	23	2	0	10	3	0	2	6	2	5
		9	1022.5	+5.8	14.0	2.5	11.7	74	4.6	2	7	6	12	3	0	0	0	0	0	1	3	4	13	5	4	0	0	0	3	27	0	4	4	2	1	4	6	3	6
		15	1021.4	-	17.8	4.2	12.3	61	5.3	1	5	8	10	6	0	0	0	0	0	1	4	8	10	7	0	0	0	4	26	0	7	4	2	2	5	5	5	0	
Elmdon	110m.	3	1021.8	-	15.1	2.9	11.9	70	4.4	1	6	12	10	1	0	0	0	0	0	2	5	15	6	2	0	0	0	5	25	0	2	2	6	2	7	2	2	7	
		9	1021.6	-	9.6	0.6	11.1	92	4.7	0	11	3	8	8	0	0	0	0	0	4	3	9	14	0	0	0	0	5	14	11	1	0	2	0	3	7	2	4	
		15	1022.0	-	14.6	2.4	12.3	74	5.4	1	6	2	15	6	0	0	0	0	0	0	3	12	14	1	0	0	0	9	21	0	6	7	1	1	3	7	4	1	
Shropshire Shawbury	76m.	3	1021.0	-	18.1	3.5	13.9	67	5.7	1	4	6	12	7	0	0	0	0	0	1	4	20	5	0	0	0	0	12	17	1	3	6	3	1	2	8	3	3	
		9	1021.3	-	14.3	2.0	12.8	79	4.7	0	8	6	14	2	0	0	0	0	0	4	8	17	1	0	0	0	7	21	2	3	5	5	2	4	1	4	1		
		15	1021.5	-	9.8	0.8	11.4	93	4.7	3	6	4	14	3	0	1	0	0	0	1	9	9	4	6	0	0	0	3	19	8	1	0	4	0	2	8	4	3	
Worcester Persore	36m.	3	1021.7	-	15.0	2.7	12.3	72	5.0	4	2	17	3	0	0	0	0	0	0	0	3	10	10	7	0	0	0	11	17	2	4	1	2	4	2	6	7	2	
		9	1020.8	-	18.0	4.0	13.0	63	5.2	0	6	5	16	3	0	0	0	0	0	1	2	13	6	8	0	0	0	13	17	0	6	3	2	2	4	3	6	4	
		15	1021.3	-	13.3	1.7	12.4	80	4.7	1	5	10	13	1	0	0	0	0	0	0	0	5	10	7	8	0	0	7	21	2	11	1	3	0	1	5	4	3	
Hereford Ross-on-Wye	69m.	3	1021.9	-	10.5	0.8	11.5	90	4.2	4	9	3	8	6	0	0	0	0	0	1	3	9	5	9	3	0	0	6	14	10	3	4	2	0	3	5	2	1	
		9	1022.3	-	14.9	2.5	12.5	74	4.7	1	7	6	12	4	0	0	0	0	0	1	7	10	9	3	0	0	0	12	15	3	5	5	1	1	3	10	2	2	
		15	1021.1	-	19.0	4.5	13.0	60	5.4	1	3	7	14	5	0	0	0	0	0	0	0	4	14	5	7	0	0	20	10	0	5	6	2	1	1	8	6	1	
Gloucester Filton	60m.	3	1021.4	-	15.1	2.4	12.8	75	4.6	1	7	8	11	3	0	0	0	0	0	1	5	10	9	5	0	0	0	4	25	1	4	1	7	1	3	6	4	3	
		9	1022.1	+5.3	15.1	2.6	12.5	72	4.8	4	6	3	9	8	0	0	0	0	0	0	0	11	7	12	0	0	0	4	26	0	2	5	3	0	2	9	5	4	
		15	1020.8	-	18.9	4.4	13.0	60	5.0	1	4	9	10	6	0	0	0	0	0	1	7	7	14	1	0	0	0	7	23	0	3	7	3	0	10	5	2		
Gloucester	24m.	3	1021.5	-	14.8	2.1	13.1	77	4.6	0	9	7	10	4	0	0	0	0	0	0	8	7	10	5	0	0	0	3	26	1	4	3	6	1	1	7	6	1	
		9	1022.0	-	11.6	0.8	12.4	90	4.7	4	7	3	7	9	0	0	0	0	0	4	15	9	2	0	0	0	0	6	17	7	1	4	3	2	0	6	5	2	
		15	1022.5	+5.5	14.9	2.2	13.0	77	5.0	3	4	6	10	7	0	0	0	0	0	3	8	10	8	1	0	0	0	6	23	1	4	6	1	1	1	6	6	4	
Little Rissington	229m.	3	1021.8	-	18.0	3.6	13.7	66	4.9	1	5	11	11	2	0	0	0	0	1	1	13	8	6	0	0	0	0	11	19	0	2	6	1	0	1	8	9	3	
		9	1021.7	-	14.8	1.9	13.4	79	4.5	2	6	10	7	5	0	0	0	0	0	1	11	12	6	0	0	0	0	5	23	2	0	5	2	0	2	5	12	2	
		15	1022.0	-	11.6	0.9	12.3	89	4.8	1	7	5	15	2	0	0	0	0	0	0	15	6	8	1	0	1	2	10	17	2	0	5	2	0	3	7	0	0	
Deal	10m.	3	1022.6	-	15.5	2.6	12.9	73	5.0	0	8	3	16	3	0	0	0	0	0	1	9	10	7	3	0	0	0	5	20	5	6	4	1	0	3	7	1	3	
		9	1021.5	-	19.4	4.2	13.9	63	5.4	1	3	9	12	5	0	0	0	0	0	0	8	11	8	3	0	0	0	10	18	2	4	7	1	0	6	7	1	1	
		15	1021.7	-	15.7	2.3	13.6	77	5.3	1	6	4	16	3	0	0	0	0	0	1	1	8	8	8	4	0	0	0	10	18	2	4	7	1	0	6	7	1	
Manston	15m.	3	1021.9	-	10.4	0.8	11.4	89	5.3	1	8	2	7	11	1	0	1	2	0	2	1	11	11	1	1	0	0	7	22	1	5	4	1	0	3	4	7	5	
		9	1022.2	+5.4	13.4	2.1	11.8	77	5.3	0	6	6	11	7	0	0	0	0	0	2	0	8	11	7	2	0	0	10	18	2	3	8	3	0	4	7	3	2	
		15	1021.0	-	16.9	3.8	12.2	64	5.6	2	1	8	13	6	0	0	0	1	0	0	5	7	10	7	0	0	0	14	16	0	4	6	3	0	0	8	7	2	
5 ENGLAND, S.E.																																							
Greater London Heathrow	26m.	3	1021.8	-	11.3	1.0	11.8	87	4.4	4	7	4	13	2	0	0	0	0	0	2	2	8	17	1	0	0	0	4	23	3	5	4	0	1	2	4	9	2	
		9	1022.2	-	15.1	2.7	12.3	71	5.7	0	5	4	14	6	1	0	0	0	1	0	2	5	13	8	1	0	0	4	20	2	7	3	1	1	1	6	7	2	
		15	1021.3	-	18.7	4.7	12.4	58	5.7	0	4	6	14	6	0	0	0	0	0	0	2	2	10	12	4	0	0	20	10	0	7	4	2	0	1	6	9	1	
Kew	10m.	3	1021.5	-	15.6	2.7	12.8	71	4.2	3	7	7	8	5	0	0	0	0	0	0	2																		



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

JUNE,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																										SPEED IN KNOTS																
																										8 or more	6-7	4-5	1-3	Calm												
																										22-33	11-21	1-10	0													
Number of Observations																																										
7a ENGLAND, N.W.																																										
Cumberland Carlisle	28m.	3	1020.3	-	9.9	0.7	11.2	91	4.9	0	9	4	13	4	0	0	0	0	0	0	2	7	12	8	1	0	0	5	16	9	0	0	8	0	2	6	5	0	0	0		
		9	1020.8	-	13.9	2.1	12.2	77	5.2	2	4	7	14	3	0	0	0	0	0	0	0	1	4	9	12	4	0	0	10	13	7	0	0	1	8	0	0	6	8	0	0	
		15	1019.8	-	17.4	3.5	13.1	67	5.7	0	5	5	11	9	0	0	0	0	0	0	0	0	4	7	9	10	0	0	13	12	5	1	0	3	1	0	7	12	1	0		
		21	1019.8	-	13.4	1.6	12.6	82	5.1	0	7	7	9	7	0	0	0	0	0	0	0	1	8	8	10	3	0	0	4	23	3	0	1	6	1	0	11	7	1	0		
Westmorland Great Dun Fell	—	3	-	-	6.5	0.5	9.0	98	5.2	8	1	1	5	3	12	6	0	0	0	0	0	2	8	8	0	0	0	6	11	11	2	2	4	2	0	0	11	6	3	0		
		9	-	-	8.4	0.9	9.7	89	5.5	2	3	7	2	11	1	10	0	0	0	0	0	2	3	11	3	1	8	10	8	3	4	3	2	0	3	9	5	1	0			
		15	-	-	10.6	2.0	9.7	77	5.9	3	1	7	7	6	6	2	4	0	0	0	0	3	6	15	0	4	6	7	11	2	3	2	1	4	0	10	6	2	0			
		21	-	-	8.0	0.7	9.8	91	5.0	4	3	7	3	1	12	4	8	0	1	0	0	0	1	5	10	1	2	5	12	8	3	0	3	1	1	6	7	8	1	0		
Lancashire Squires Gate	11m.	3	1020.7	-	10.7	0.8	11.6	90	4.8	2	6	7	9	6	0	0	0	0	0	1	6	8	6	5	4	0	12	17	1	1	1	7	3	2	5	7	0	0				
		9	1021.3	+5.4	14.6	1.8	13.4	80	5.2	3	4	5	10	8	0	0	0	0	0	0	1	8	10	7	4	0	1	11	18	0	0	1	4	1	2	4	12	6	0			
		15	1020.7	-	16.2	2.5	13.8	75	4.7	1	9	4	10	6	0	0	0	0	0	0	0	2	11	10	7	0	1	20	9	0	1	0	0	1	1	4	9	14	0			
		21	1020.6	-	13.6	1.5	13.1	83	5.3	0	5	8	12	5	0	0	0	0	0	0	3	5	15	7	0	0	2	8	18	2	1	2	1	2	1	4	6	11	0			
Speke	26m.	3	1021.0	-	11.5	0.9	12.1	88	4.3	3	9	4	10	3	1	0	0	1	0	0	2	9	9	6	3	0	0	6	19	5	1	1	2	5	3	1	5	7	0	0		
		9	1021.5	-	15.1	2.4	12.7	74	4.5	4	5	8	9	4	0	0	0	0	0	3	9	7	6	5	0	0	10	15	5	1	0	3	5	2	3	7	4	0	0			
		15	1020.7	-	17.8	4.0	12.7	63	4.8	1	7	6	13	3	0	0	0	0	0	0	2	9	7	12	0	1	17	12	0	1	1	2	3	5	6	11	0	0				
		21	1020.9	-	14.1	2.0	12.7	79	5.0	0	6	7	14	3	0	0	0	0	0	0	2	6	14	6	2	0	0	8	14	8	3	0	1	1	0	4	5	8	0			
Cheshire Ringway	76m.	3	1021.2	-	10.8	0.9	11.7	89	4.4	1	11	3	11	4	0	0	0	0	2	5	9	13	1	0	0	0	3	18	9	0	0	3	3	7	4	3	1	0	0			
		9	1021.5	+5.7	14.7	2.7	11.9	71	5.1	4	4	3	15	4	0	0	0	0	0	1	3	14	9	3	0	0	0	9	17	4	1	2	2	1	4	3	11	2	5			
		15	1020.5	-	18.2	4.6	11.6	57	5.3	0	6	4	17	3	0	0	0	0	0	0	0	7	14	8	1	0	0	19	11	0	1	1	4	1	3	5	10	5	0			
		21	1020.9	-	14.3	2.4	12.1	74	4.7	0	7	11	8	4	0	0	0	0	0	2	1	13	12	2	0	0	0	4	23	3	1	2	3	0	3	4	9	5	0			
7b NORTH WALES																																										
Anglesey Valley	11m.	3	1020.9	-	10.6	0.6	11.9	92	4.6	4	6	4	8	7	1	0	0	0	1	0	1	5	9	10	4	0	1	7	13	9	4	2	1	1	6	4	3	0	0	0		
		9	1021.5	+5.6	14.4	2.0	12.9	79	5.4	3	5	2	11	8	1	0	0	0	1	0	1	6	4	11	7	0	2	10	18	0	4	1	1	1	8	9	5	1	0	0		
		15	1021.2	-	15.8	2.8	12.9	73	5.2	2	7	3	11	7	0	0	0	0	0	0	1	4	7	7	11	0	5	13	12	0	6	3	0	0	9	6	2	4	0	0		
		21	1021.0	-	12.8	1.2	12.8	87	5.4	1	7	3	12	6	1	0	0	0	1	1	0	5	5	8	10	0	2	5	20	3	5	5	1	0	7	5	4	0	0			
Caernarvon Bardsey Island	19m.	3	1021.2	-	11.4	0.4	12.8	95	5.2	4	3	6	5	8	4	0	2	1	1	0	0	0	10	15	1	1	1	10	15	3	4	5	1	1	3	5	4	0	0	0		
		9	1021.8	-	12.9	0.8	13.4	90	5.5	5	1	5	8	8	3	0	2	1	0	0	0	3	5	16	3	0	5	12	11	2	10	0	1	1	8	4	3	1	0	0		
		15	1021.5	-	14.1	1.2	13.9	87	4.9	6	1	7	8	8	0	0	0	0	0	0	0	2	7	17	4	0	2	16	11	1	11	2	0	0	8	5	2	1	0	0		
		21	1021.1	-	12.2	0.7	13.2	93	5.4	1	4	6	12	5	2	0	0	0	2	0	0	2	9	12	5	0	4	7	18	1	11	2	0	1	6	6	2	1	0	0		
8a SOUTH WALES																																										
Cardigan Aberporth	134m.	3	1021.6	-	11.2	0.8	12.0	90	4.9	5	5	1	13	6	0	0	1	0	1	0	0	11	8	2	7	0	0	8	18	4	2	1	2	3	9	4	4	1	0	0		
		9	1022.0	+5.8	13.6	1.6	12.9	82	5.0	1	9	1	13	6	0	0	0	0	0	0	0	5	15	3	7	0	0	11	17	2	4	1	1	3	3	5	6	5	0	0		
		15	1021.7	-	15.0	2.1	13.4	78	5.0	3	6	2	14	4	1	0	1	0	0	1	0	4	8	7	9	0	0	12	17	1	6	0	1	2	2	5	8	5	0	0		
		21	1021.6	-	12.5	1.2	12.5	86	5.1	1	6	5	12	5	1	0	1	0	0	0	1	5	13	1	9	0	0	8	16	6	2	1	2	2	3	6	6	2	0	0		
Pembroke Milford Haven C.B.	39m.	3	1022.0	-	11.8	0.8	12.6	91	4.9	7	2	4	8	8	1	0	0	0	3	0	0	10	13	4	0	0	1	9	14	6	4	5	3	3	0	5	2	2	0	0		
		9	1022.5	-	14.4	1.9	13.0	80	5.5	5	2	2	11	9	1	0	0	2	0	2	10	10	6	0	0	1	10	18	1	3	2	1	7	1	8	2	5	0	0			
		15	1022.2	-	16.3	2.8	13.3	73	4.8	4	4	5	10	7	0	0	0	2	0	2	10	10	8	0	0	0	19	11	0	4	0	4	0	3	7	8	4	0	0			
		21	1021.9	-	13.4	1.3	13.0	84	4.9	4	4	6	6	8	2	0	2	0	0	1	0	10	12	5	0	0	0	9	21	0	9	0	2	0	1	7	6	5	0	0		
Glamorgan Mumbils	37m.	3	1021.7	-	12.6	1.2	12.6	86	5.1	1	7	5	7	7	3	0	1	2	0	2	5	9	10	1	0	2	10	18	0	5	5	4	0	2	7	3	4	0	0			
		9	1022.4	-	14.1	1.9	12.8	79	5.4	3	4	4	10	6	3	0	1	1	0	1	13	10	2	1	0	0	11	18	1	1	0	3	5	3	9	5	3	0	0			
		15	1021.8	-	15.8	2.5	13.3	75	4.9	0	10	2	12	5	3	1	0	1	0	0	2	7	10	7	3	0	0	22	8	0	2	0	2	1	4	14	6	1	0	0		
		21	1021.7	-	14.3	1.9	12.9	80	5.4	0	5	9	9	5	2	0	1	0	1	0	0	9	13	5	1	0	0	21	9	2	5	0	2	0	1	6	11	3	0	0		
Rhoose	69m.	3	1021.9	-	11.4	0.5	12.8	94	4.9	2	8	4	7	6	3	0	0	1	3	1	1	5	12	6	1	0	0	6	21	3	4	2	2	3	1	4	0	9	6	0	0	
		9	1022.5	+5.4	14.3	1.4	13.8	85	5.3	4	2	7	9	8	0	0	0	0	1	4	8	9	5	3	0	0	9	19	2	1	1	4	4	4	1	10	3	0	0			
		15	1021.8	-	16.6	2.2	14.8	78	4.9	0	10	3	12	5	0	0	0	0	0	2	6	8	6	8	0	0	16	14	0	0	0	6	0	3	2	19	0	0	0			
		21	1021.9	-	13.7	1.0	13.9	88	5.3	2	4	6	12	4	2	0	0	1	0	3	0	4	8	10	4	0	0	6	22	2	1	3	2	0	2	2	14	4	0	0		
8b ENGLAND, S.W.																																										
Somerset Yeovilton	23m.	3	1022.																																							



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 .. ..	0	0	0	29	1	0	0	0	0	0	0	0	3	27	0	0	Edgbaston .. ..	0	0	0	1	20	9	0	0	0	0	0	0	0	12	18	0
Stornoway .. ..	0	0	0	16	13	1	0	0	0	0	0	0	6	19	5	0	Kew .. ..	0	0	0	1	14	15	0	0	0	0	0	0	0	13	16	1
Craibstone .. ..	0	0	0	9	21	0	0	0	0	0	0	0	4	24	2	0	Hastings .. ..	0	0	0	2	27	1	0	0	0	0	0	0	0	12	18	0
Rothsay .. ..	0	0	0	10	16	4	0	0	0	0	0	0	0	20	10	0	Southampton .. ..	0	0	0	0	13	17	0	0	0	0	0	0	0	13	17	0
Abbotsinch .. ..	0	0	0	5	16	9	0	0	0	0	0	0	4	18	10	0	Stonyhurst .. ..	0	0	0	1	22	7	0	0	0	0	0	0	2	18	10	0
Eskdalemuir .. ..	0	0	0	11	11	8	0	0	0	0	0	0	7	19	4	0	Bidston .. ..	0	0	0	3	26	1	0	0	0	0	0	0	0	9	21	0
Douglas .. ..	0	0	0	12	17	1	0	0	0	0	0	0	0	19	11	0	Valley .. ..	0	0	0	6	19	5	0	0	0	0	0	0	0	13	17	0
Cockle Park .. ..																	Falmouth .. ..	0	0	0	4	18	8	0	0	0	0	0	0	0	12	18	0
Gorleston .. ..	0	0	0	11	13	6	0	0	0	0	0	0	0	13	17	0	Aldergrove .. ..	0	0	0	4	21	5	0	0	0	0	0	0	1	18	11	0
Cambridge .. ..	0	0	0	0	18	12	0	0	0	0	0	0	1	19	10	0	Armagh .. ..	0	0	0	2	21	7	0	0	0	0	0	0	2	20	8	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JUNE, 1967

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 .. .. .	785	12	69	25	494.1	29	360	8	69	25	278.4	29	940	12	90	25	577.9	29
Eskdalemuir .. .. .	844	12	95	24	489.8	30	387	27	88	24	266.0	30	889	12	101	24	518.5	30
Cambridge .. .. .	831	18	288	20	522.0	29	390	22	165	18	296.9	29	-	-	-	-	-	-
London W/Centre ..	798	18	217	24	484.8	30	351	19	165	18	260.6	27	920	18	293	23	580.0	27
Kew .. .. .	812	18	259	2	486.0	27	371	3	165	2	263.3	27	946	18	276	2	563.2	27
Bracknell .. .. .	859	18	241	24	542.6	29	426	3	178	13	289.3	29	897	18	275	24	589.7	29
Aberporth .. .. .	811	13	128	4	585.4	27	444	5	127	4	297.0	27	-	-	-	-	-	-

### TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min.	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916—50 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	"1, 0" mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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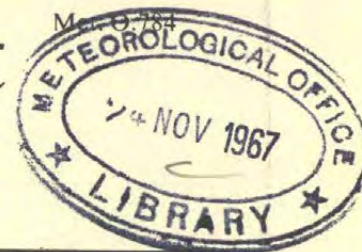
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# Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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



Volume 84 Number 7

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## July 1967 — Unsettled in the north, mainly fine in the south

Anticyclones dominated the weather in the south and south-west of the British Isles until the 12th, otherwise weather was mainly cyclonic in character, especially in the north.

During the first three days of the month a depression was centred between Scotland and Ireland and, although there was a little thundery rain in the north, weather was mainly sunny and dry, apart from a few scattered showers. The 4th was cloudier as a weak trough moved across the country, but on the 5th a centre of high pressure formed over the English Channel and weather was again sunny nearly everywhere. The sunny and dry weather continued in the south on the 6th, but there was some rain in the north. This rain became heavy in places during the next day as troughs, associated with a depression near Iceland, moved across the country; a fall of 61 mm of rain was recorded at the Isle of Rhum on the 7th. The frontal rain cleared most districts on the morning of the 8th and behind it north-westerly winds brought a short interval of cooler weather with scattered showers.

An anticyclone spreading over southern England from the region of the Azores on the 9th marked the beginning of a warm spell and, although thundery depressions subsequently spread northwards over England from France, warm and mainly sunny weather, broken from time to time by heavy thunderstorms, continued until the 21st. Thunderstorms began in southern England during the afternoon of the 13th as a shallow depression moved northwards from north-west France. The storms, often with heavy rain, moved to northern England during the night; a fall of 64 mm recorded at Ness Gardens, Cheshire, and one of 71 mm at Hillsborough, Co. Down, caused widespread flooding. Thunderstorms continued in northern England throughout the 14th, but the next day a deep depression approached Northern Ireland and belts of frontal rain associated with it moved across the country on the 15th and 16th. The next day was very warm in south-east England and the east Midlands where day maximum temperatures as high as 30°C were reported from places as far apart as London Airport and Fittingley. In Scotland and in the extreme north of England weather was rather dull with, at times, heavy thundery rain which spread slowly south-eastwards the following day, reaching southern England during the evening. By the 19th the main depression was centred to the north of Scotland and cooler weather spread eastwards across the country in the general airstream. The 20th and 21st were sunny and dry, apart from a few scattered showers mainly confined to northern districts. Pressure was high over southern England during these two days.

On the 22nd a depression moved eastwards along the north coast of France; there were heavy thunderstorms along the south coast of England and these persisted throughout the night in the south-east. Rainfall exceeded 50 mm at some places and Ramsgate, Eastbourne and Worthing had their first measurable rain for 27 days.

During the remainder of the month a succession of rain-belts, associated with depressions between Scotland and Iceland, crossed the country in a general westerly airstream. The 23rd was mainly dry and sunny, apart from thundery rain in the extreme east of England. On the 24th scattered showers gave place to rain which spread from the north-west later in the day. The 27th and 29th were dull, wet days and the month ended with two days of thundery rain or showers in most areas.

**Pressure and Wind** — Mean pressure was above the 1931-60 average almost everywhere except in the Hebrides, the deviation from average at 0900 GMT ranging from +3.9 mb at Kilnsea to -0.4 mb at Benbecula. Surface winds, mainly westerly at first, became southerly on the 6th, north-westerly on the 8th and then light and variable until the 23rd, except for a period of southerly winds from the 15th until the 19th. During the last 8 days of the month south-west to west winds predominated. Winds reached gale force in Scotland on the 24th, 25th and 26th, and in the extreme south-west of England on the 7th and 22nd. A gust of 48 kt was recorded at Lossiemouth on the 24th and one of 46 kt at the Lizard on the 22nd.

**Temperature** — It was a warm month in east and south-east England, but mean temperatures elsewhere were about average or a little below. Although temperature was generally below average in Scotland there were several warmer spells, notably around the 12th and 17th, when temperature in many places exceeded 24°C. Over much of southern England temperature was well above the average during the second and third weeks, the 17th being the warmest day; at Ross-on-Wye this was the warmest July day since 1959 and also the warmest of any day in their records since early September 1961.

Extremes included: (England and Wales) 30.2°C at Watnall on the 17th, 1.1°C at Moor House on the 22nd; (Scotland) 26.1°C at Dinnet on the 5th, 1.1°C at Cairngorm on 2nd, 8th and 9th and at Dundee on the 23rd; (Northern Ireland) 25.0°C at Ballykelly on the 12th, 1.1°C at Loughmore Forest on the 22nd.

**Rainfall** — In Scotland most eastern districts had less than average rainfall, but elsewhere amounts approached or exceeded the average. In England and Wales rainfall was above the average north of an approximate line from Speke to Redcar, over most of Wales and also in parts of Oxfordshire, Buckinghamshire and Bedfordshire. It was less than 25 per cent of the average over most of Sussex and Kent.

Thunder was heard in England and Wales on 12 days, thunderstorms being fairly widespread in the north and Midlands on the 13th, 14th, 17th and 18th, and in the south-east on the 22nd and 23rd. In Scotland thunderstorms were reported on 13 days and were most widespread around mid-month.

**Sunshine** — In Scotland sunshine was below the average except in the east and north. Some places in the east recorded excesses of 25 hours, but over a large area in the west deficits reached 60 hours, some places having their lowest July sunshine for more than 50 years. In England and Wales it was a sunny month generally, especially in east and south-east England and the east Midlands. Percentage of average sunshine ranged from 140 at Skegness to 81 at Scilly.

**Fog** — Morning fog occurred in Scotland at a few places in the west and north mainly during the third and last weeks. In England and Wales fog was reported at one place or another at 0900 GMT on 9 days and was fairly widespread in south-west coastal districts on the 30th.

**Miscellaneous Phenomena** — There were no reports of aurora displays during the month.

TABLE I—DISTRICT VALUES, JULY, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
Difference from Average								% of Average		
0 SCOTLAND, N.	(22.8)	4.2	-0.3	-0.4	-0.4	-0.8	-0.8	+1	82	85
1 SCOTLAND, E.	25.0	6.1	-0.1	0.0	-0.1	-0.7	-0.4	-3	62	105
2 ENGLAND, N.E.	28.6	6.1	+0.7	+0.4	+0.5	+0.5	+0.2	-5	59	115
3 ENGLAND, E.	28.3	6.1	+1.1	+0.9	+1.0	+0.7	+0.1	-5	67	113
4 MIDLANDS	29.4	6.7	+0.9	+0.7	+0.8	+0.8	+0.4	-2	67	121
5 ENGLAND, S.E.	29.3	4.5	+1.2	+0.5	+0.9	+0.4	+0.1	-5	48	119
6 SCOTLAND, W.	23.9	2.4	-1.4	-0.2	-0.8	-0.5	-0.4	+2	115	76
7 ENGLAND, N.W. and N. Wales	26.5	5.0	+0.3	+0.3	+0.3	-0.1	+0.1	0	116	105
8 ENGLAND, S.W. and S. Wales	27.8	6.7	+0.5	0.0	+0.2	-0.5	-0.3	-1	99	102
N. IRELAND	23.3	2.5	+0.2	-0.1	+0.1	-	-	+1	90	75
SCOTLAND	25.0	2.4	-0.6	-0.2	-0.4	-	-	0	85	89
ENG. and WALES	29.4	4.5	+0.8	+0.5	+0.6	-	-	-3	79	113

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

FH3A



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JULY, 1967

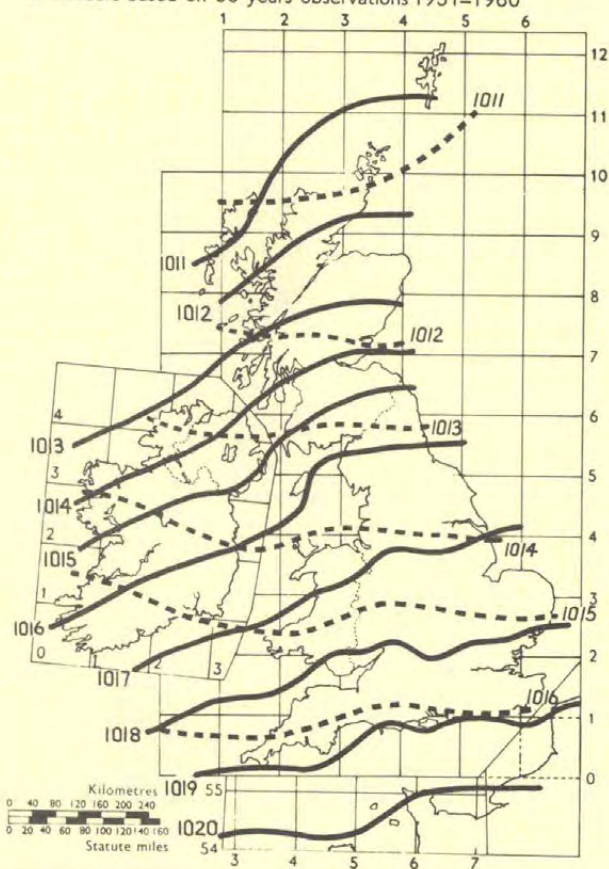
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours		No. of days	Duration in Hours		Veer from N	Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time		
0	Zetland	Lerwick	93	10	10	-	0	8	68	348	305	23	0	12.1	230	28	9	22	240	42	9	2110
	Orkney	Kirkwall	41	15	10	-	0	5	40	385	277	42	0	11.8	250	29	24	17	260	45	25	0515
	Caithness	Dounreay	34	12	9	-	0	9	40	498	192	0	14	13.9	240	28	24	16	240	39	24	1515
		Wick	45	10	10	-	0	2	7	312	361	64	0	9.7	250	25	24	16	250	38	10	1140
	Sutherland	Shin	24	10	10	-																
	Ross &	Stornoway (C'Guard)	37	12	11	-	0	19	131	408	152	53	0	14.5	210	32	5	15	220	48	24	1010
	Cromarty	Duirinish	38	20	17	-	0	6	45	367	296	36	0	11.4	-	28	25	18	-	43	25	1730
	Inverness	Benbecula	16	10	10	-	0	17	136	501	97	10	0	16.1	200	28	24	06	200	42	24	0545
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	246	349	149	0	8.3	230	20	9	14	230	39	9	1320
		Cairngorm	1074	9	9	9, 24-26	13	23	167	356	127	55	26	16.2	230	40	25	18	240	72	25	2010
1	Moray	Kinloss	17	13	13	-	0	9	39	356	305	44	0	11.8	230	31	24	14	230	47	24	1305
		Lossiemouth	31	24	18	-	0	3	8	258	359	119	0	8.5	220	28	24	14	210	48	24	1300
	Aberdeen	Dyce	71	9	9	-	0	2	8	282	329	125	0	9.0	230	29	26	18	230	41	26	1720
	Angus	Bell Rock	39	40	38	-																
	Perth	Rannoch	307	17	17	-	0	7	39	417	216	65	7	11.8	250	31	24	13	250	44	24	1245
		Tummel Bridge	161	16	16	-	0	0	0	120	440	184	0	6.4	280	18	8	14	280	33	8	1415
	Fife	Leuchars	24	12	12	-	0	4	6	377	324	37	0	10.8	250	23	3	16	250	38	10	1610
	West Lothian	Forth Road Bridge	72	9	72	-	0	13	93	425	146	44	36	14.5	270	30	8	15	300	48	3	1010
	Midlothian	Turnhouse	42	12	10	-	0	3	9	322	347	66	0	9.8	260	25	8	15	250	40	3	1400
		Edinburgh, Blackford Hill	151	15	10	-																
6a	Argyll	Tiree	27	18	14	-	0	13	94	403	174	73	0	13.2	200	27	24	07	200	42	24	0635
	Dunbarton	Cumbernauld	166	10	10	-																
	Renfrew	Paisley	57	25	9	-																
		Abbotsinch	16	10	10	-	0	1	1	285	405	53	0	9.1	270	22	8	16	270	34	8	1525
	Lanark	Lowther Hill	736	13	10	-																
	Ayr	Hunterston	13	9	9	-	0	4	12	335	302	95	0	10.6	080	26	14	08	070	37	14	0210
		Prestwick	21	10	10	-	0	1	1	366	319	58	0	10.1	050	22	13	19	240	33	3	1230
	Dumfries	Chapelcross	94	15	15	-																
		Eskdalemuir	251	15	11	-	0	0	0	242	327	175	0	7.7	240	21	25	23	230	35	24	1010
	Wigtown	West Freugh	25	10	10	-	0	1	1	288	380	75	0	9.3	210	22	16	15	200	37	16	1455
6b	Isle of Man	Ronaldsway	25	10	10	-	0	0	0	301	351	92	0	9.2	070	20	14	03	200	30	30	1545
		Point of Ayre	20	10	10	-	0	2	6	455	250	33	0	11.5	130	25	29	13	170	37	16	1925
2	Durham	Durham	119	16	10	-	0	1	1	195	354	183	11	7.4	260	22	26	16	260	45	26	1450
		South Shields	22	17	13	-																
	Yorks, N.R.	Leeming	42	10	10	-	0	0	0	199	392	153	0	7.6	270	20	3	17	250	34	3	1205
		Silpho Moor	207	15	9	-	0	0	0	100	334	262	48	5.6	-	20	17	21	220	39	26	1140
	Lincoln	Cranwell	76	12	12	-	0	0	0	297	332	115	0	9.1	250	21	3	13	280	31	3	1505
		Binbrook	118	10	10	-	0	0	0	248	460	36	0	9.3	290	20	8	15	220	32	24	1520
		Manby	26	10	10	-	0	0	0	206	451	87	0	8.1	300	19	8	15	290	28	8	1520
3	Norfolk	Gorleston	16	13	13	-	0	0	0	307	369	61	7	9.6	040	21	23	10	-	32	24	1430
	Suffolk	Mildenhall	30	25	18	-	0	0	0	88	470	186	0	6.0	240	15	24	14	320	32	8	0915
	Bedford	Bedford	98	13	9	-	0	0	0	147	477	113	7	7.4	290	21	8	12	190	40	19	1615
		Cardington	69	41	41	-	0	11	52	452	196	44	0	12.8	310	30	8	13	320	46	8	1240
	Hertford	Garston	94	15	10	-	0	0	0	28	543	173	0	5.3	310	16	8	18	320	23	8	1350
		Rothamsted	141	13	10	-	0	0	0	3	411	330	0	4.1	310	11	8	15	230	27	19	1605
	Essex	Stansted	107	9	9	-	0	0	0	176	463	105	0	7.4	290	19	8	13	300	28	8	0750
		Coryton	20	17	15	-	0	0	0	124	511	102	7	7.2	320	18	8	11	320	35	8	1005
		Shoeburyness	36	32	28	-	0	5	9	444	266	23	2	11.7	220	23	29	23	300	31	8	1300
4	Yorks, W.R.	Sheffield	162	25	11	-	0	0	0	28	301	393	22	3.7	160	14	17	16	260	38	3	1335
	Warwick	Edgbaston	196	36	22	-	0	0	0	94	580	70	0	7.0	180	19	17	17	170	34	17	1645
		Elmdon	105	9	9	-	0	2	3	214	474	53	0	9.0	260	22	3	14	270	44	3	1330
	Buckingham	Amersham	152	15	15	-	0	0	0	66	481	197	0	5.6	160	15	17	14	300	31	8	1300
	Stafford	Keele	215	15	10	-	0	0	0	50	424	270	0	5.1	310	15	8	09	310	35	8	1340
	Worcester	Pershore	47	10	10	-	0	1	2	296	352	94	0	9.4	190	24	17	16	170	40	17	1430
	Gloucester	Avonmouth	28	19	10	-																
5	Greater London	London W/Centre	93	70	38	-	0	0	0	275	437	32	0	9.2	240	17	19	17	310	27	8	1010
		Heathrow	35	10	10	-	0	0	0	204	450	90	0	8.0	210	17	19	16	300	28	8	1145
		Hampton	42	31	30	-	0	0	0	120	435	189	0	6.2	230	17	19	16	230	27	19	1530
		Kew	28	23	15	-	0	0	0	131	422	191	0	6.6	220	17	19	16	310	33	8	1440
	Surrey	Gatwick	69	10	10	-	0	0	0	125	455	164	0	6.5	230	16	19	15	240	27	19	1520
	Kent	Isle of Grain	15	12	10	-	0	0	0	143	377	216	8	6.4	290	19	8	12	290	31	8	



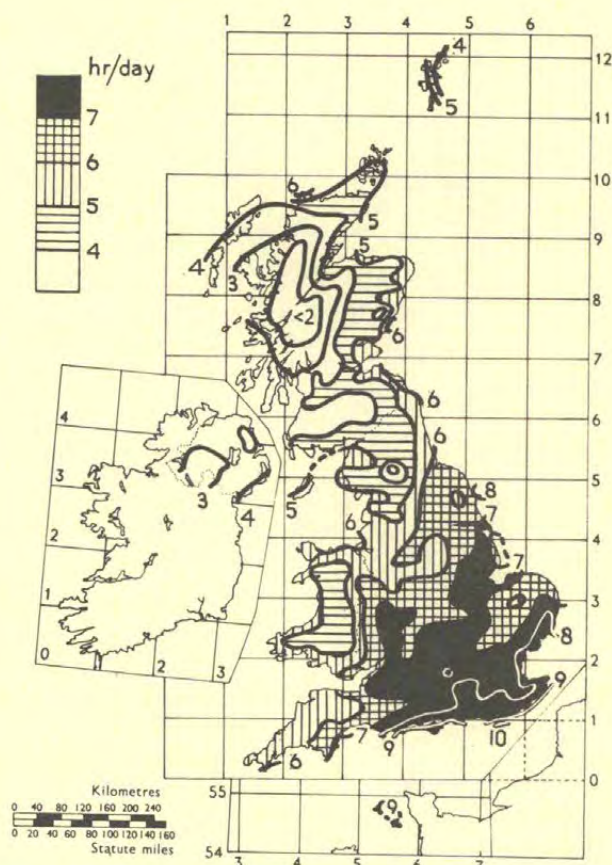
# MONTHLY WEATHER CHARTS JULY 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

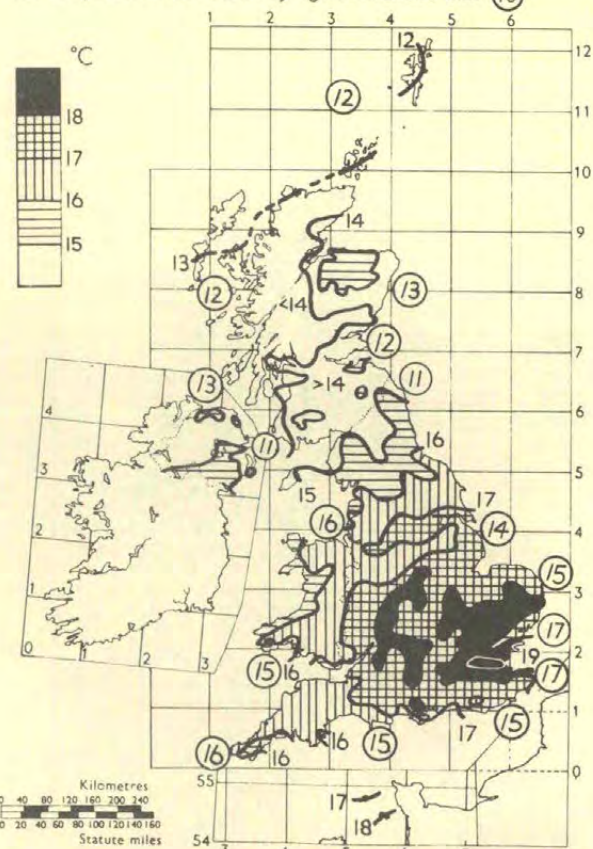


## BRIGHT SUNSHINE

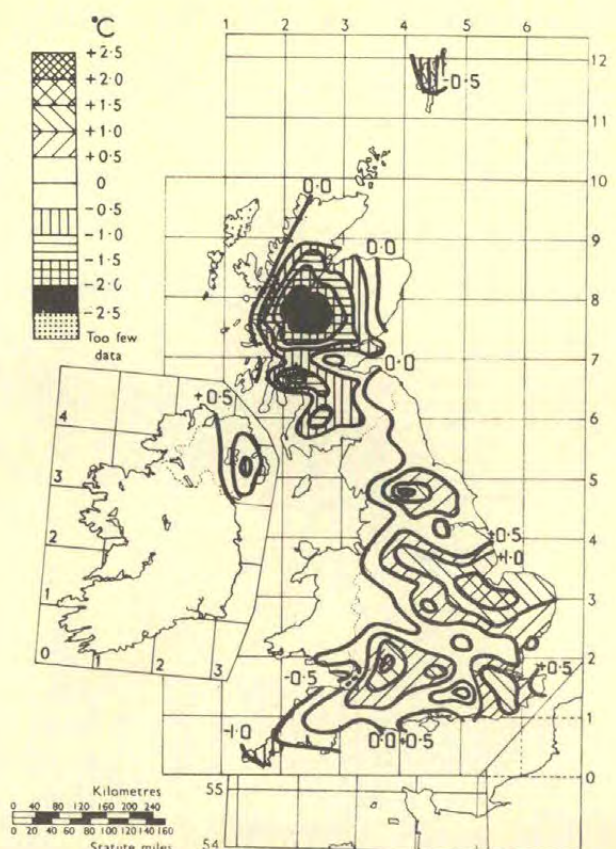


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE





# RAINFALL

JULY 1967

The equivalent values in inches  
are given in round numbers.

The exact relation is 10 in. = 254 mm.

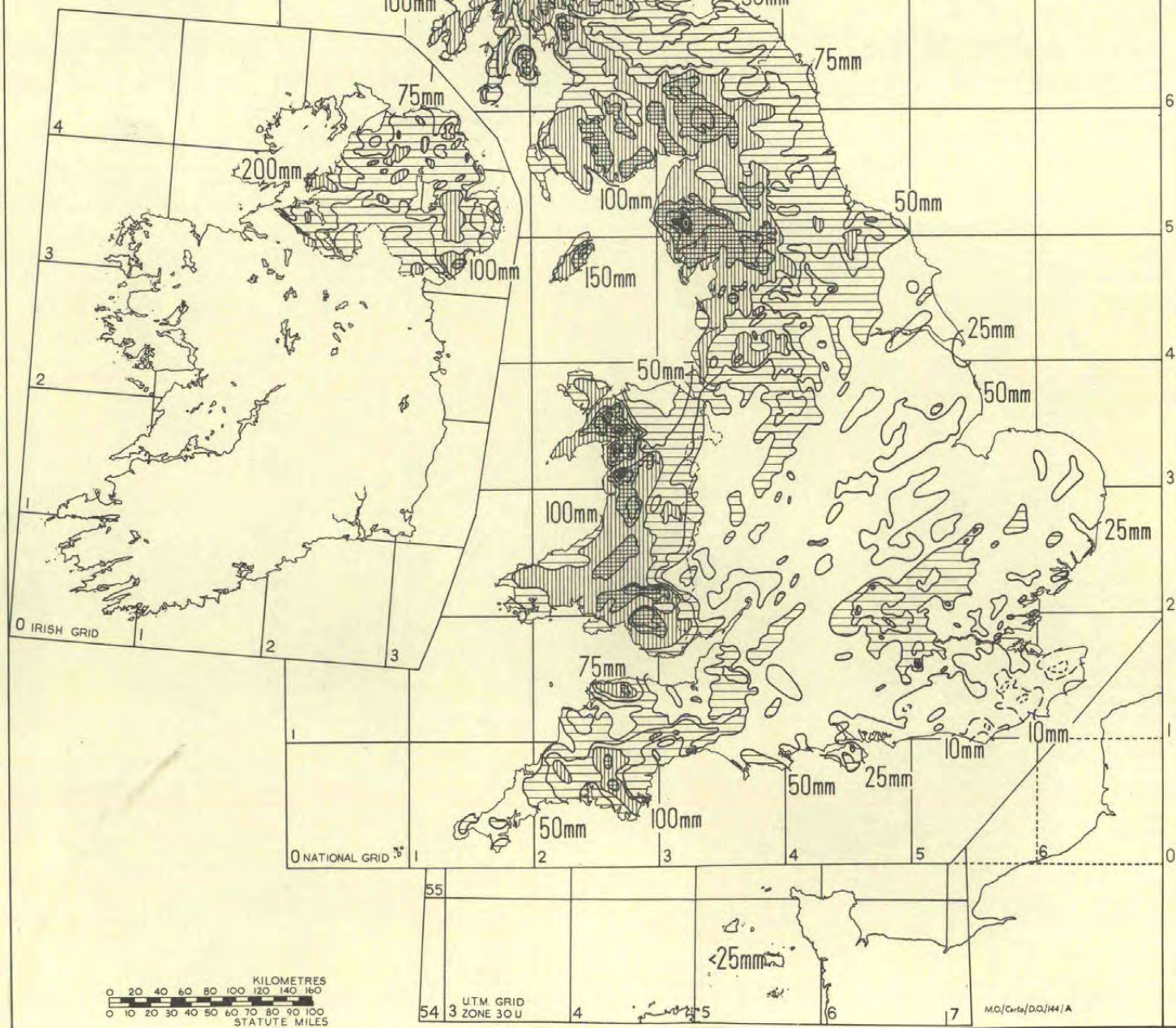
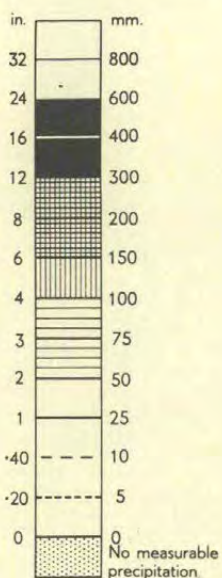




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS

JULY,

1967

DISTRICT, COUNTY AND PLACE			Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE		
						MEANS OF		Mean Temperatures (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale
						A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																	
0 SCOTLAND, N.																																
Zetland	Hamnavoe	...	9 9	21	14.4	10.1	12.3	-	17.8	18	6.7	13,14	-	-	79	-	11	24	24	19	0	0	0	0	0	2	0	-	0	5.50	-	-
	Lerwick	¶	21-9	82	13.7	9.3	11.5	-0.5	15.6	30	4.9	13	-	-	85	123	14	17	23	17	0	0	0	0	0	6	0	0	0	3.98	99	-
Orkney	Baltasound	€	9 9	24	15.0	9.4	12.2	-	18.3	19	6.7	3,5,29	10.7	-	73	109	11	30	26	17	0	0	0	0	0	0	0	0	0	3.97	-	-
	Sule Skerry	...	21-9	13	14.3	10.5	12.4	-	17.5	17	8.4	13	-	-	83	-	17	25	21	16	0	0	0	0	0	1	0	0	0	-	-	-
	Stenness	...	9 9	23	16.6	9.5	13.1	-	20.6	30	3.3	13	12.9	10.6	68	99	13	25	25	17	0	0	0	0	0	0	0	0	0	5.20	-	-
	Evie	...	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caithness	Kirkwall	...	21-9	26	16.0	9.9	12.9	+0.1	20.0	18	5.5	13	-	-	63	94	12	25	23	18	0	0	0	0	1	1	0	0	0	4.81	105	-
	Dounreay	...	9 9	21	18.0	9.7	13.9	-	22.8	17	5.0	14	-	-	37	-	9	25	18	9	0	0	0	0	1	0	0	0	0	-	-	-
	Wick	...	¶	21-9	36	16.5	9.8	13.1	+0.2	19.9	30	4.2	13	-	34	52	8	25	19	11	0	0	0	0	2	0	0	1	0	5.01	106	-
	Cape Wrath	...	21-9	112	13.7	9.7	11.7	-0.5	18.8	17	8.0	14	-	-	87	97	20	25	20	16	0	0	0	0	0	0	0	0	0	5.25	-	-
Sutherland	Achfary	...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achany	€	9 9	85	17.8	9.0	13.4	-	22.8	30	4.4	21	14.3	11.6	48	59	7	3	21	14	0	0	0	0	1	0	0	4	0	4.69	-	-
	Strathay	...	9 9	37	17.8	8.9	13.3	+0.1	23.3	30	2.5	13	-	-	42	52	8	25	21	14	0	0	0	0	1	0	0	-	0	4.43	110	-
	Stornoway	¶	21-9	3	15.4	9.8	12.6	-0.7	17.9	18	5.0	4	-	-	64	81	10	7	22	17	0	0	0	0	0	0	0	0	0	3.73	90	-
Ross & Cromarty	Balmacara	...	9 9	4	16.1	10.7	13.4	-	19.4	15	7.8	4	-	-	157	-	30	7	26	23	0	0	0	0	0	0	0	0	0	-	-	-
	Poolewe	...	9 9	6	16.4	10.7	13.5	-	21.7	17	7.2	4	-	-	111	102	27	7	24	22	-	-	-	-	0	0	0	0	-	2.71	-	S
	Rudh Re	...	9 9	16	14.4	10.2	12.3	-	18.5	17	8.5	25	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	-	-	-
	Inverpoll	...	9 9	14	16.7	10.9	13.8	-	22.8	17	8.9	2,4	13.4	-	87	-	19	25	23	17	0	0	0	0	0	0	0	0	0	3.05	-	-
	Achnashellach	...	9 9	67	16.1	9.4	12.7	-1.0	23.3	17	6.1	23	-	-	201	138	23	26	26	23	0	0	0	0	0	0	0	0	0	-	-	-
	Kinlochewe	...	9 9	23	17.1	10.3	13.7	-0.6	22.2	17	6.1	2	13.8	-	130	93	19	7	24	19	0	0	0	0	0	0	0	0	0	2.31	-	S
	Fortrose	...	¶	9 9	5	16.8	11.5	14.1	-0.2	22.8	30	8.9	21	-	26	37	5	7	13	9	0	0	0	0	0	0	0	0	0	4.15	91	-
	Tarbatness	...	21-9	18	17.3	10.7	14.0	+0.3	24.2	30	8.0	8	-	-	26	43	6	25	12	7	0	0	0	0	0	0	0	0	0	-	-	-
Inverness	Benbecula	...	21-9	6	15.1	10.9	13.0	-0.6	17.9	15	8.0	2	-	-	82	89	11	23	26	17	0	0	0	0	0	1	0	0	0	3.75	-	-
	Isle of Rhum	€	9 9	5	16.1	10.7	13.4	-	19.4	13	7.2	4	15.7	12.8	272	146	61	7	25	23	0	0	0	0	0	0	0	0	3	-	-	-
	Prabost	...	9 9	67	15.6	10.1	12.9	-	18.3	13,17,30	7.2	2,4	-	-	160	133	17	18	28	23	0	0	0	0	0	0	0	0	5	2.57	-	-
	Duntulm	...	9 9	90	14.6	9.7	12.1	-0.8	18.3	17	7.8	2,3,22	-	-	108	111	17	7	25	22	0	0	1	0	2	0	0	0	0	2.85	71	S
	Onich	...	¶	9 9	15	15.9	10.3	13.1	-0.7	21.1	17	(4.4)	23	-	177	117	24	7,26	24	22	-	0	-	-	0	0	0	0	-	1.41	39	S
	Fort William	€	9 9	8	16.2	10.5	13.3	-	21.7	17	4.4	23	13.9	13.2	163	-	27	25	24	16	0	0	0	0	0	0	0	0	0	1.93	-	-
	Fort Augustus	...	9 9	21	16.8	10.2	13.5	-0.8	22.2	17	6.1	21,22	-	-	67	-	10	7	22	19	0	0	0	0	0	0	0	0	0	2.71	-	S
	Cannich	...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness	...	9 9	4	18.0	10.7	14.3	-	23.3	17,30	8.9	15	-	-	26	38	5	7	14	11	0	0	0	0	0	0	0	0	0	4.54	-	-
	Coire Cas Shieling	...	9 9	762	13.6	6.8	10.2	-	21.1	5	3.9	4	-	-	57	-	10	17	-	-	-	-	-	-	0	-	-	-	-	-	-	-
	Cairngorm	...	9 9	1090	10.6	4.2	7.4	-	17.8	5	1.1	2,8,9	-	-	74	-	14	17	-	-	-	-	-	-	0	-	-	-	-	-	-	-
	Achnagoichan	...	9 9	305	17.1	8.7	12.9	-	21.7	(5),30	5.0	21,22,28	11.6	-	47	-	8	22	20	14	-	-	-	-	0	6	-	-	-	-	-	-
	Glenmore Lodge	...	9 9	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 SCOTLAND, E.																																
Nairn	Nairn	...	9 9	6	19.2	10.7	14.9	+0.5	24.4	26,30	7.2	21	-	-	25	36	7	20	18	7	0	0	0	0	0	0	0	0	0	4.34	96	-
	Grantown-on-Spey	...	9 9	221	18.1	8.9	13.5	-	23.3	5	3.9	21,22	-	-	30	-	4	12	17	12	0	0	0	0	0	0	0	0	0	-	-	-
Moray	Forres	...	¶	9 9	47	18.6	10.6	14.6	+0.1	25.0	30	6.7	15,21	14.9	12.0	20	28	4	7	15	7	0	0	0	0	0	0	0	0	3.99	83	-
	Kinloss	...	21-9	5	19.3	10.9	15.1	+0.9	25.0	26	6.8	28	13.4	-	23	32	7	3	14	7	0	0	0	1	0	0	0	0	1	4.10	-	-
	Elgin	...	9 9	15	19.4	10.8	15.1	-	24.4	16,26	6.7	21,28	-	-	29	40	4	3	17	14	0	0	0	0	0	0	0	0	0	5.18	-	-
	Lossiemouth	...	9 9	6	19.2	10.6	14.9	+0.6	23.9	25,26	5.0	28	-	-	33	47	8	7	17	11	0	0	0	0	1	0	0	0	0	-	-	-
	Gordon Castle	...	9 9	32	19.9	10.8	15.3	+0.7	24.4	30	7.2	3	-	-	23	29	5	31	13	10	0	0	0	0	0	0	0	0	0	5.04	109	-
	Banff	...	9 9	215	18.1	9.2	13.7	-	24.6	5	4.9	28	-	-	37	-	10	20	19	10	0	0	0	0	1	0	0	2	0	4.33	-	S
	Banff	...	9 9	24	18.9	11.3	15.1	-	24.4	30	8.3	3,28	-	-	33	-	8	31	16	11	0	0	0	0	0	0	0	0	0	4.58	-	-
	Braemar	...	9 9	339	17.1	8.6	12.9	-0.2	22.8	5	(3.3)	5	-	-	31	41	7	17	18	11	-	0	-	-	0	0	0	0	-	4.53	-	-
Aberdeen	Balmoral	...	9 9	283	17.7	7.4	12.5	-0.7	23.9	5	1.7	21	-	-																		



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																				
2 ENGLAND, N.E.																																		
Northumbria	Kielder Castle ...	99	201	17.5	8.8	13.1	-	22.8	17	2.2	22	14.9	-	132	123	26	14	18	15	0	0	1	0	2	2	0	0	0	0	-	-	-		
	Hwydon Bridge ...	99	79	18.8	10.3	14.5	-	26.1	17	5.0	22	16.0	14.2	92	-	24	14	16	11	0	0	0	0	1	0	0	0	0	0	-	-	-		
Durham	Corbridge ...	99	49	18.7	10.3	14.5	-	24.4	17	4.4	28	-	-	66	-	19	14	14	9	0	0	0	0	2	0	0	0	0	0	-	-	-		
	Berwick-on-Tweed †	99	23	17.4	11.3	14.3	-0.2	20.6	10	8.3	22	-	-	83	136	29	17	12	7	0	0	0	0	2	0	0	0	0	0	6.39	117	-		
	Cockle Park †	99	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Acklington ...	21-9	42	18.3	10.6	14.5	-	22.3	5	7.1	12	-	-	71	106	25	14	13	8	0	0	0	0	3	0	0	0	0	0	6.15	-	S		
	Tynemouth ...	21-9	29	18.4	12.4	15.4	+0.3	22.4	10	8.5	28	-	-	61	81	25	14	11	7	0	0	0	0	2	1	0	0	0	0	5.33	98	-		
	Seahouses ...	21-9	11	18.0	11.0	14.5	-	23.0	30	7.0	24	-	-	70	-	31	14	10	6	0	0	0	0	2	0	0	0	0	0	5.95	-	-	-	
	Chopwellwood ...	99	136	18.6	10.5	14.5	-0.5	23.9	17	5.6	9	-	-	78	100	22	14	15	9	0	0	0	0	1	0	0	0	0	0	-	-	-		
	Ushaw College ...	99	181	18.7	10.7	14.7	-0.3	23.9	17	6.7	28	-	-	86	118	48	14	13	8	0	0	0	0	2	2	0	0	0	0	-	-	-		
	Houghall ...	99	37	19.6	10.8	15.2	0.0	23.9	17	3.9	28	-	-	75	101	27	14	11	8	0	0	0	0	2	0	0	0	0	0	6.05	117	S		
	Durham †	99	102	19.3	10.5	14.9	-0.4	23.3	11, 17	6.1	22	15.7	13.2	69	97	25	14	12	8	0	0	0	0	-	-	0	0	0	0	-	-	-	-	
Yorks.	Hartlepool ...	99	9	19.7	12.4	16.1	-	26.7	17	7.2	28	-	-	62	97	25	14	11	7	0	0	0	0	3	1	0	0	0	0	6.56	-	-	-	
	Thirsk ...	99	34	20.7	11.2	15.9	-	25.6	17	4.4	28	-	-	57	-	18	14	12	9	0	0	0	0	4	0	0	0	0	0	-	-	-		
	Leeming ...	21-9	32	20.2	11.8	16.0	-	25.6	17	6.8	9	-	-	85	-	44	13	11	8	0	0	0	0	2	0	0	0	0	0	6.12	-	-	-	
	York (Heslington)	99	20	21.1	11.9	16.5	-	27.2	17	6.1	29	18.2	15.9	51	-	22	14	12	10	0	0	0	0	-	-	0	0	0	0	6.78	-	-	-	
	Ampleforth ...	99	95	20.2	10.9	15.5	0.0	25.6	18	7.2	4, 9, 29	-	-	88	119	38	14	12	8	0	0	0	0	1	0	0	0	0	0	-	-	S		
	Redcar ...	99	8	12.1	-	-	-	27.2	17	8.3	9	-	-	54	87	27	14	11	9	0	0	0	0	-	-	1	0	0	0	-	-	-	-	
	Pickering ...	99	44	21.1	10.3	15.7	-	26.1	17	3.3	4	-	-	41	-	18	14	10	7	0	0	0	0	3	0	0	0	0	0	-	-	-	-	
	Whitby ...	99	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Yorks.	Scarborough †	99	36	20.6	12.9	16.7	+0.7	25.6	30	8.3	9	17.0	14.4	46	73	18	18	9	7	0	0	0	0	2	0	0	0	0	0	6.47	112	-	-
		Silpho Moor ...	99	203	19.9	10.4	15.1	-	24.4	30	5.0	28	14.2	-	42	51	17	14	12	6	0	0	0	0	3	0	0	0	0	0	6.18	-	-	-
Whitby C'Guard		21-9	63	19.1	11.9	15.5	-	25.0	30	6.9	28	-	-	40	-	17	14	7	7	0	0	0	0	3	0	0	0	0	0	-	-	-	-	
High Mowthorpe		99	175	20.0	10.9	15.5	-	24.4	17, 30	6.1	9	16.3	-	50	68	23	18	10	9	0	0	0	0	-	-	0	0	0	0	5.48	-	-	-	
Hull ...		99	2	22.2	13.1	17.7	+0.9	27.2	30	8.9	9	17.3	13.1	19	31	6	27	7	6	0	0	0	0	1	0	0	0	0	0	6.79	120	-	-	
Leconfield ...		21-9	7	21.4	11.9	16.7	-	26.8	17	6.3	29	-	-	29	-	9	18	8	8	0	0	0	0	2	0	0	0	0	0	6.31	-	-	-	
Filey ...		99	37	19.8	11.1	15.5	-	25.6	30	6.7	3, 5, 29	-	-	29	47	9	14	9	6	0	0	0	0	2	0	0	0	0	0	7.37	-	-	-	
Bridlington ...		99	48	20.1	10.8	15.5	-	26.1	30	5.6	4	-	-	34	56	12	18	7	7	0	0	0	0	1	0	0	0	0	0	6.48	-	-	-	
Kilnsea ...		21-9	12	19.9	13.2	17.1	-	25.2	30	9.0	9	-	-	19	-	9	27	7	5	0	0	0	0	1	2	1	0	0	0	8.02	-	-	-	
Lincoln		Waddington ...	21-9	68	21.5	12.6	17.1	+0.8	28.4	17	8.0	3	-	-	28	-	12	27	8	6	0	0	0	1	0	3	0	0	0	0	7.25	-	-	-
Lincoln	Lincoln ...	99	7	22.1	11.8	16.9	-	28.3	17	5.6	9	16.8	14.4	32	52	12	27	10	7	0	0	0	0	2	0	0	0	0	0	6.44	-	-	-	
	Cranwell †	99	62	22.1	12.4	17.3	+1.0	28.6	17	8.3	3	18.2	15.5	23	36	11	27	8	6	0	0	0	0	2	0	0	0	0	0	7.46	125	-	-	
	Brigg ...	99	3	21.9	11.1	16.5	-	27.2	10, 17	6.1	5, 9	-	-	39	-	12	18	10	7	0	0	0	0	3	0	0	0	0	0	-	-	-	-	
	Caistor ...	99	30	22.4	11.3	16.9	-	29.4	17	5.0	9	-	-	29	-	9	27	(9)	(8)	-	-	-	-	-	-	0	0	0	0	-	-	-	-	
	Binbrook ...	21-9	108	21.0	12.4	16.7	-	27.1	17	7.5	9	-	-	38	-	11	18	7	5	0	0	0	0	3	0	0	0	0	0	-	-	-	-	
	Cleethorpes ...	99	7	-	-	-	-	-	-	-	-	-	-	(30)	53	14	18	(5)	(5)	-	-	-	-	-	-	0	0	0	0	6.96	113	-	-	
	Manby ...	21-9	17	22.4	12.0	17.2	-	28.4	17	6.6	9	18.2	-	29	54	16	27	9	6	0	0	0	0	3	0	0	0	0	0	7.69	-	-	-	
	Skegness ...	99	5	21.7	13.6	17.7	+1.5	26.1	11, 26	7.8	9	-	-	-	-	-	-	-	0	0	0	0	2	0	0	0	0	0	0	8.57	140	-	-	
	3 ENGLAND, E.																																	
	Norfolk	Terrington St. Cl.	99	4	22.7	12.3	17.5	-	27.2	17	6.7	3	17.8	-	38	69	15	27	9	6	0	0	0	0	3	0	0	0	0	0	7.04	-	-	-
Santon Downham		99	24	23.6	11.4	17.5	-	28.9	17	3.9	22	16.3	13.5	29	40	9	27	11	7	0	0	0	0	-	-	0	0	0	0	5.95	-	-	-	
Norfolk	West Raynham ...	21-9	76	22.1	12.5	17.3	+1.2	27.7	17	7.8	9	-	-	43	58	22	27	9	5	0	0	0	0	3	0	0	0	0	0	6.85	-	-	-	
	East Dereham ...	99	53	23.1	12.6	17.9	-	27.9	18	8.5	9	-	-	32	-	10	27	6	5	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
	Cromer ...	99	54	21.4	12.9	17.1	+0.7	26.7	26	10.0	4	-	-	30	45	13	27	10	6	0	0	0	0	-	-	0	0	0	0	7.48	119	-	-	
	Sproston †	99	28	22.7	12.0	17.3	+0.7	26.7	30, 31	6.1	22	16.7	-	30	46	10	27	5	5	0	0	0	0	2	-	0	0	0	0	6.58	106	-	-	
	Coltishall ...	21-9	17	22.2	12.6	17.4	-	26.7	31	8.8	10	-	-	25	-	7	27	9	6	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
	Burlingham ...	99	27	22.4	12.7	17.5	-	26.1	26, 31	7.8	22	-	-	25	39	11	27	7	5	0	0	0	0	0	0	0	0	0	0	7.87	-			



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a DAY	Precip'n			Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. Min.	Terminal hr. GMT of Observation	Height of Station above N.S.L. (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a Day	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Lancashire	Grizedale	...	99	91	18.1	10.1	14.1	-	23.9	13,17	8.9	22	15.8	-	221	-	58	29	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a Day	Precip'n			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JULY.

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																	
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										8 or more	7	6	5	4								
																										22-33	11-21	1-10	0									
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	3	1010.8	-	10.2	0.3	12.0	96	7.2	0	0	2	16	11	2	0	1	2	3	2	1	3	9	3	7	0	2	16	13	0	1	1	1	3	8	9	7	1	
	9	1011.1	+0.4	11.4	0.9	12.0	89	6.9	0	0	5	9	13	4	1	1	1	2	0	1	2	6	9	7	0	2	18	11	0	1	2	1	0	10	11	5	1	
	15	1011.4	-	12.4	1.4	12.1	84	6.1	0	2	8	11	8	2	0	2	2	1	1	6	5	8	8	0	2	15	14	0	1	3	0	1	10	10	5	1		
Orkney Kirkwall	3	1011.4	-	10.7	0.6	12.0	93	6.9	0	0	2	21	7	1	0	0	0	1	2	1	3	7	11	6	0	3	11	16	1	0	2	1	5	7	11	4	0	
	9	1011.3	-	10.7	0.6	12.0	93	6.5	0	3	3	15	9	1	0	0	0	1	1	0	4	5	12	8	0	1	15	14	1	0	1	2	2	9	4	10	2	
	15	1011.6	+0.8	12.9	1.4	12.5	83	6.5	0	3	1	22	4	1	0	0	1	0	0	2	3	9	16	0	1	17	13	0	1	2	2	2	11	5	5	3		
Caithness Wick	3	1011.5	-	14.4	2.2	12.6	76	5.8	0	3	5	20	3	0	0	0	0	0	0	0	4	10	17	0	3	17	11	0	1	2	2	4	11	2	8	1		
	9	1011.5	-	11.9	0.9	12.4	88	5.8	0	4	7	13	7	0	0	0	0	0	0	6	2	13	10	0	2	16	12	1	2	2	2	1	10	1	11	1		
	15	1011.5	-	10.8	0.8	11.7	90	6.1	0	2	7	14	5	3	1	1	0	1	0	0	1	4	9	14	0	0	13	18	0	0	3	0	1	15	1	8	3	
Sutherland Cape Wrath*	3	1011.7	+0.6	13.5	2.1	11.8	76	5.7	0	4	7	17	3	0	0	0	0	0	0	1	0	4	26	0	0	13	18	0	0	3	0	1	15	1	8	3		
	9	1011.3	-	14.9	2.7	12.1	71	6.4	0	2	3	25	1	0	0	0	0	0	0	0	4	23	0	0	1	18	12	0	0	4	3	7	7	1	6	3		
	15	1011.7	-	12.3	1.3	12.2	85	6.1	0	4	4	18	5	0	0	0	0	1	0	2	3	10	15	0	0	8	23	0	1	2	1	6	9	4	6	2		
Ross & Cromarty Stornoway	3	1010.2	-	10.9	0.4	12.3	94	6.9	0	0	4	13	11	3	0	1	2	0	0	0	0	9	19	0	8	9	14	0	0	1	3	1	2	19	3	2		
	9	1010.5	-	12.0	0.8	12.8	91	6.3	0	1	6	15	9	0	0	0	0	0	1	2	1	9	18	0	9	10	11	1	0	0	3	2	4	17	2	2		
	15	1010.5	-	12.7	0.9	13.2	89	6.3	0	3	4	12	12	0	0	0	0	0	0	2	2	8	19	0	10	11	8	2	0	1	4	1	1	18	3	0		
Inverness Benbecula	3	1010.6	-	11.5	0.5	12.7	94	6.2	0	2	9	10	8	2	0	2	0	1	0	2	1	9	16	0	8	13	8	2	0	1	4	1	1	16	5	1		
	9	1011.2	-	10.7	0.5	12.1	93	6.1	0	2	7	14	8	0	0	0	0	1	0	4	9	15	2	0	12	17	2	0	2	1	1	14	7	3	1			
	15	1011.1	-0.1	13.0	1.5	12.4	83	6.6	0	1	5	17	8	0	0	0	0	1	0	2	7	14	7	0	3	19	9	0	0	2	2	1	15	7	3	1		
Aberdeen Dyce	3	1011.1	-	13.7	1.6	12.8	82	6.8	0	2	2	14	13	0	0	0	0	1	2	8	10	9	0	3	23	5	0	0	3	2	0	15	4	6	1			
	9	1011.4	-	11.8	0.8	12.5	90	6.3	0	3	4	18	6	0	0	0	0	0	0	0	2	9	15	5	0	1	14	15	1	0	3	2	1	11	9	3	1	
	15	1011.0	-	11.7	0.8	12.5	90	6.3	0	1	0	1	20	9	0	0	0	0	0	4	2	6	8	11	0	1	22	6	2	0	2	0	2	7	11	6	1	
Midlothian Turnhouse	3	1010.9	-0.4	13.0	1.2	12.9	86	6.5	0	1	6	15	9	0	0	0	0	1	0	2	4	7	8	9	0	7	20	4	0	1	1	2	2	7	5	1		
	9	1011.2	-	14.0	1.6	13.2	83	6.3	0	3	5	3	10	0	0	0	0	0	2	5	6	8	10	0	11	19	1	0	0	2	2	2	9	7	8	1		
	15	1011.4	-	12.3	1.0	12.6	87	6.2	0	2	6	16	7	0	0	0	0	1	2	1	7	11	9	0	2	22	7	0	0	2	3	2	6	10	7	1		
1 SCOTLAND, E.																																						
Angus Usan	3	1012.6	-	12.2	1.7	11.5	81	6.3	0	2	3	22	4	0	0	0	0	0	0	0	4	9	18	0	0	12	17	2	0	1	2	0	6	16	3	1		
	9	1012.6	+1.3	15.4	3.2	11.7	67	6.3	0	2	3	21	5	0	0	0	0	0	0	0	2	6	23	0	0	22	9	0	3	0	3	0	4	11	10	0		
	15	1012.1	-	17.6	4.4	11.7	59	6.8	0	0	3	23	5	0	0	0	0	0	0	0	2	9	20	0	7	16	8	0	4	0	4	0	4	7	11	1		
Fife Leuchars	3	1012.5	-	13.9	2.1	12.3	77	6.6	0	1	2	22	6	0	0	0	0	0	0	0	5	10	16	0	1	12	18	0	0	0	5	2	4	14	5	1		
	9	1012.5	-	11.4	1.3	11.4	84	6.2	0	4	4	14	9	0	0	0	0	0	1	2	10	7	11	0	0	3	14	14	1	1	0	1	6	4	3	1		
	15	1012.8	+1.1	15.2	3.2	11.5	66	5.7	0	4	5	20	2	0	0	0	0	0	0	2	4	5	20	0	0	13	16	2	0	2	3	0	10	7	7	0		
Argyll Tiree	3	1012.2	-	17.2	4.1	11.9	61	6.4	0	1	5	20	5	0	0	0	0	0	0	1	5	8	17	0	1	21	9	0	1	0	4	1	12	8	2	3		
	9	1012.6	-	13.7	2.0	12.3	78	6.1	0	2	7	15	7	0	0	0	0	0	2	0	13	5	11	0	0	11	15	0	2	1	1	7	8	7	0			
	15	1012.7	-	11.3	0.5	12.6	93	5.5	0	4	10	9	8	0	0	0	0	0	2	2	5	4	18	0	0	6	19	6	3	1	0	0	1	8	12	0		
Dumfriesshire Turnhouse	3	1013.2	-	14.3	1.9	13.0	80	5.7	0	4	7	12	8	0	0	0	0	0	1	1	3	6	20	0	0	11	18	2	0	3	1	0	5	11	9	0		
	9	1012.6	-	15.9	2.4	13.6	76	6.1	0	2	8	13	8	0	0	0	0	0	1	2	2	10	16	0	1	15	13	2	0	3	0	1	6	11	8	0		
	15	1012.8	-	12.9	0.9	13.3	89	5.6	0	4	9	8	10	0	0	0	0	0	2	1	5	7	16	0	0	11	19	1	0	4	2	1	3	6	14	0		
Midlothian Turnhouse	3	1013.2	-	11.1	0.9	11.9	89	5.6	0	5	5	13	8	0	0	0	0	0	2	6	5	10	8	0	1	10	18	2	2	2	0	0	1	16	8	0		
	9	1013.7	+1.8	14.8	2.4	12.6	75	6.3	0	2	4	19	6	0	0	0	0	0	0	2	9	6	14	0	0	21	9	1	0	4	2	1	3	12	8	0		
	15	1013.1	-	17.5	3.8	12.7	64	6.5	0	0	6	19	6	0	0	0	0	0	0	1	4	10	16	0	1	26	4	0	0	3	3	0	5	13	7	0		
Argyll Tiree	3	1013.2	-	13.8	1.8	12.8	81	5.8	0	7	5	11	8	0	0	0	0	0	1	6	2	11	11	0	0	10	19	2	2	2	1	0	7	12	5	0		
	9	1014.3	-	11.7	1.0	12.1	88	6.4	0	4	1	19	7	0	0	0	0	0	1	4	12	14	0	0	4	21	6	0	3	0	0	3	11	8	0			
	15	1014.5	+2.2	14.6	2.3	12.5	75	6.5	0	1	6	16	8	0	0	0	0	1	3	0	9	12	6	0	0	17	14	0	0	5	0	0	3	14	9	0		
Argyll Tiree	3	1013.9	-	17.5	3.9	12.7	64	6.4	0	0	7	19	5	0	0	0	0	0	2	2	5	7	15	0	2	21	8	0	0	3	1	1	3	10	13	0		
	9	1014.1	-	13.9	1.8	12.8	80	6.0	0	2	8	15	6	0	0	0	0	1	3	1	9	13	4	0	0	7	21	3	1	2	1	0	3	17	4	0		
	6a SCOTLAND, W.																																					
Argyll Tiree	3	1012.2	-	11.9	0.7	12.8	92	7.0	0	1	2																											



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

JULY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										8 or more	6-7	4-5	1-3	Calm								
																										24 or more	22-33	11-21	1-10	0								
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington 46m.	3	1014.7	-	11.8	0.6	13.0	92	5.8	0	2	11	14	4	0	0	0	0	0	0	3	2	2	9	11	4	0	0	1	4	20	6	1	1	0	3	7	10	2
	9	1015.2	+2.7	15.6	2.3	13.6	76	3.2	0	1	9	13	8	0	0	0	0	0	0	0	7	6	5	13	0	0	1	12	16	2	1	3	0	1	3	10	8	3
	15	1014.8	-	17.0	2.8	14.1	73	3.3	0	1	9	13	8	0	0	0	0	0	0	0	7	6	5	13	0	0	0	20	11	0	0	4	2	3	4	9	9	0
	21	1015.0	-	13.9	1.1	14.1	88	5.2	0	6	10	10	5	0	0	0	0	1	1	4	5	8	7	5	0	0	0	6	23	2	1	3	2	1	2	6	13	1
	3	1015.2	-	13.8	1.6	13.3	85	3.2	0	2	7	9	13	0	0	0	1	0	3	4	18	5	0	0	0	0	0	8	21	2	2	0	1	0	4	10	12	0
Tynemouth 40m.	9	1015.8	+2.8	15.3	2.4	13.1	75	3.0	0	2	10	10	8	1	0	1	0	0	0	1	10	7	12	0	0	0	0	10	19	2	2	1	1	2	4	6	12	1
	15	1015.3	-	16.8	2.9	13.2	70	3.3	0	1	8	13	9	0	0	0	0	0	2	7	7	15	0	0	0	0	2	15	13	1	0	1	4	2	6	2	15	0
	21	1015.2	-	15.4	2.2	13.5	77	5.8	0	5	6	14	5	1	0	1	0	0	4	6	15	5	0	0	0	0	7	21	3	1	1	3	1	5	5	12	0	
	3	1014.6	-	12.4	1.3	12.3	85	5.7	0	3	11	8	8	1	1	0	0	0	1	0	3	12	9	5	0	0	0	4	23	4	1	0	1	0	6	6	13	0
	9	1015.3	-	15.0	2.5	12.6	73	5.5	0	5	6	13	7	0	0	0	0	0	1	4	7	5	14	0	0	0	6	20	5	1	1	2	0	6	3	11	2	
Seahouses 12m.	15	1014.9	-	16.6	3.0	13.2	70	5.9	0	1	11	14	5	0	0	0	0	0	0	8	3	7	13	0	0	0	9	22	0	0	2	6	0	7	5	11	0	
	21	1015.0	-	14.2	1.6	13.4	82	4.8	0	8	8	9	6	0	1	0	1	0	2	6	3	8	10	0	0	0	3	23	5	1	0	2	1	5	7	10	0	
	3	1015.7	-	13.1	1.1	13.4	88	5.2	0	8	4	12	7	0	0	0	0	1	5	4	12	6	3	0	0	0	2	17	12	1	1	0	3	6	6	2	0	
	9	1016.2	-	16.3	2.5	13.8	74	3.0	0	4	4	19	4	0	0	0	0	1	0	5	9	7	9	0	0	0	9	20	2	2	1	1	1	7	9	7	1	
	15	1015.6	-	19.1	4.0	14.1	64	5.3	0	2	4	21	4	0	0	0	0	0	1	4	7	2	17	0	0	0	16	14	1	0	3	0	0	7	7	10	3	
Whitby Coastguard 66m.	21	1015.9	-	16.1	2.2	14.2	77	5.4	0	5	7	15	4	0	0	0	0	0	1	2	8	6	5	9	0	0	0	4	21	6	3	1	1	1	2	9	6	2
	3	1016.8	-	15.8	1.8	14.7	82	5.3	0	5	7	15	3	1	0	1	0	0	0	8	14	8	0	0	0	0	1	9	20	1	1	1	3	0	10	9	4	2
	9	1016.4	-	17.5	2.6	15.1	76	3.0	0	3	9	10	9	0	0	0	0	0	0	9	13	9	0	0	0	0	1	15	14	1	0	2	6	5	7	4	2	
	15	1016.3	-	15.6	1.7	14.6	82	4.9	0	7	9	12	3	0	0	0	0	0	0	1	11	10	9	0	0	0	2	5	23	1	0	1	2	3	10	10	4	0
	21	1016.2	-	12.8	0.9	13.4	89	5.0	0	9	4	13	3	2	0	2	0	1	1	5	9	10	2	1	0	0	0	6	17	8	1	1	1	0	7	10	3	0
Yorks., E. Riding Leconfield 9m.	3	1016.7	+3.3	17.2	2.8	14.3	73	5.9	0	2	8	16	5	0	0	0	0	0	1	5	17	3	5	0	0	0	0	13	16	2	0	0	3	1	5	5	12	3
	9	1016.1	-	20.2	4.7	13.9	59	5.7	0	2	8	18	3	0	0	0	0	0	1	2	11	11	6	0	0	0	1	18	12	0	0	1	3	5	5	3	14	0
	15	1016.4	-	15.7	2.0	14.3	80	5.0	0	8	7	10	6	0	0	0	0	0	0	2	12	6	2	9	0	0	0	6	22	3	2	2	4	2	7	9	0	
	21	1017.2	-	14.4	0.9	14.9	90	5.2	1	5	10	8	7	0	0	0	0	0	1	4	26	0	0	0	0	0	0	13	18	0	0	0	3	2	4	10	10	2
	3	1017.8	+3.9	16.8	2.1	15.2	79	5.8	0	2	10	12	7	0	0	0	0	0	1	0	3	27	0	0	0	0	0	15	13	13	1	1	2	1	4	14	1	
Kilnsea 16m.	9	1017.4	-	18.3	2.8	15.4	74	5.8	0	2	10	14	5	0	0	0	1	0	0	6	24	0	0	0	0	0	1	19	11	0	0	0	3	10	3	11	1	
	15	1017.3	-	16.1	1.5	15.6	85	5.6	0	1	12	14	4	0	0	0	0	0	1	7	23	0	0	0	0	0	1	17	11	2	1	0	4	3	6	2	7	6
	21	1017.7	-	13.5	0.9	14.0	90	5.5	1	6	4	12	8	0	0	0	0	2	3	7	10	6	3	0	0	0	5	26	0	2	0	0	0	9	15	2	1	
	3	1017.1	+2.8	17.2	2.5	14.8	75	5.7	0	4	6	15	6	0	0	0	0	0	1	5	10	8	7	0	0	0	12	18	1	0	2	0	4	3	9	9	3	
	9	1016.4	-	20.4	4.2	15.2	63	5.2	0	1	6	21	3	0	0	0	0	0	1	1	7	18	4	0	0	0	15	14	2	1	0	3	0	8	5	10	2	
Lincoln Waddington 69m.	15	1016.8	-	16.4	2.0	15.0	80	5.1	0	8	6	12	5	0	0	0	0	0	0	5	14	10	2	0	0	0	6	24	1	1	2	5	1	5	9	4	3	
	21	1016.7	-	13.2	1.0	13.5	88	5.5	0	7	4	14	6	0	0	0	0	2	0	15	12	2	0	0	0	0	4	26	1	0	1	2	0	7	15	3	2	
	3	1017.1	-	16.8	2.8	13.8	72	3.0	0	2	6	22	1	0	0	0	0	0	0	5	12	13	1	0	0	0	14	17	0	0	1	2	1	4	10	10	3	
	9	1016.4	-	19.8	4.4	14.1	61	3.1	0	10	18	3	0	0	0	0	0	1	0	4	11	12	3	0	0	0	17	13	1	1	0	3	2	5	8	10	1	
	15	1016.8	-	15.7	2.0	14.1	79	5.5	0	5	7	17	2	0	0	0	0	0	0	9	15	6	1	0	0	0	6	23	2	0	0	3	4	4	9	6	3	
Manby 14m.	21	1016.9	-	12.9	0.5	14.2	94	5.3	1	6	6	9	9	0	0	0	0	0	1	2	12	14	2	0	0	0	4	21	6	0	1	1	0	8	5	9	1	
	3	1017.3	+3.2	18.2	3.0	14.9	71	5.5	0	4	8	15	4	0	0	0	0	0	0	5	13	10	3	0	0	0	14	17	0	0	1	2	2	3	9	11	3	
	9	1016.8	-	21.0	4.4	15.4	62	5.0	0	0	12	16	3	0	0	0	0	0	0	3	9	15	4	0	0	0	18	13	0	0	0	4	4	4	7	10	2	
	15	1017.0	-	15.7	1.3	15.6	87	5.2	0	6	9	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	27	1	2	0	4	2	9	6	7	0	
	21	1017.0	-	15.7	1.3	15.6	87	5.2	0	6	9	12	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	27	1	2	0	4	2	9	6	7	0
3 ENGLAND, E.																																						
Norfolk West Raynham 80m.	3	1017.3	-	13.5	0.6	14.5	92	5.7	0	4	8	9	10	0	0	0	0	0	2	3	12	13	1	0	0	0	5	26	0	1	3	2	1	6	12	5	1	
	9	1017.6	+3.2	17.6	2.4	15.5	77	5.5	2	4	3	18	4	0	0	0	0	0	0	5	20	5	1	0	0	0	16	14	1	1	2	2	3	2	10	8	2	
	15	1017.0	-</																																			



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

JULY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BRAUFOUR FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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4 MIDLAND COUNTIES —cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</



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

JULY,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																	
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.			
																										SPEED IN KNOTS															
																										34 or more	22-33	11-21	1-10	0											
Number of Observations																																									
7a ENGLAND, N.W.																																									
Cumberland Carlisle	28m.	3	1015.3	-	12.6	0.6	13.7	93	6.7	0	1	4	13	13	0	0	0	0	0	1	2	6	12	10	0	0	0	3	18	10	0	0	1	2	1	2	11	4	0	0	
		9	1015.8	-	15.0	1.6	14.2	83	6.5	0	1	6	17	7	0	0	0	0	0	1	6	10	8	6	0	0	0	9	18	4	0	0	1	3	0	4	13	6	0	0	
		15	1015.4	-	17.3	2.7	14.5	73	8.1	0	0	10	15	6	0	0	0	0	0	0	2	10	5	14	0	0	0	12	19	0	1	0	4	1	1	19	5	0	0		
		21	1015.4	-	14.5	1.2	14.4	87	5.7	0	5	8	8	10	0	0	0	0	0	0	2	5	7	10	7	0	0	7	16	8	0	2	2	0	3	12	4	0	0		
		3	-	-	8.1	0.1	10.8	99	7.3	2	0	1	1	1	26	12	14	0	0	0	0	0	1	2	3	0	0	12	11	5	3	0	0	3	0	5	15	5	0	0	
Westmorland Great Dun Fell	—	9	-	-	8.8	0.2	11.1	98	7.3	0	1	2	6	2	20	1	19	0	1	0	0	2	2	3	5	1	0	10	15	5	1	0	1	1	0	6	18	4	0	0	
		15	-	-	10.7	1.1	11.3	88	6.6	1	3	1	11	5	10	3	7	0	0	0	2	2	2	9	6	0	10	17	4	0	0	0	2	1	4	22	2	0	0		
		21	-	-	9.2	0.2	11.4	96	7.2	2	0	1	4	5	19	7	12	0	1	0	0	2	1	7	1	0	8	15	7	1	1	0	2	1	5	18	3	0	0		
		3	1015.8	-	13.6	1.0	13.9	89	6.1	0	3	5	17	6	0	0	0	1	0	3	4	10	6	7	0	0	15	13	3	1	1	3	4	0	7	7	5	0	0		
		9	1016.5	+2.6	16.1	2.1	14.5	78	8.5	0	0	8	13	10	0	0	0	0	1	1	5	11	6	7	0	1	16	14	0	1	0	3	3	6	2	13	3	0	0		
Lancashire Squires Gate	11m.	15	1016.2	-	17.9	2.9	14.9	72	5.9	0	4	3	19	5	0	0	0	0	0	0	2	6	12	11	0	1	16	14	0	0	0	3	0	3	6	4	16	5	0	0	
		21	1015.9	-	15.4	1.4	14.9	85	6.3	0	3	6	12	10	0	0	0	0	0	0	5	9	11	6	0	0	13	15	3	2	0	5	0	1	9	7	4	0	0		
		3	1016.2	-	13.8	1.1	14.0	88	5.4	0	6	6	15	4	0	0	0	0	0	2	4	10	9	6	0	0	5	22	4	2	0	1	2	11	4	5	2	0	0		
		9	1016.8	-	16.6	2.5	14.3	75	6.3	0	2	6	19	4	0	0	0	0	0	1	6	10	7	7	0	0	9	19	3	3	0	1	1	11	1	8	3	0	0		
		15	1016.3	-	19.3	3.7	14.9	66	5.9	0	3	5	21	2	0	0	0	0	0	0	0	4	7	9	11	0	0	13	16	2	0	1	1	1	4	3	10	9	0	0	
Cheshire Ringway	76m.	21	1016.3	-	16.3	2.0	14.9	79	5.8	0	4	7	13	7	0	0	0	0	0	1	4	9	11	6	0	0	9	17	5	4	1	2	0	5	3	8	3	0	0		
		3	1016.5	-	13.6	1.1	13.8	88	5.5	0	6	5	14	6	0	0	0	1	0	4	9	15	2	0	0	0	4	20	7	0	1	0	1	15	2	4	6	12	6	0	0
		9	1016.9	+2.9	16.4	2.9	13.4	71	6.4	0	2	2	23	4	0	0	0	0	0	2	10	13	5	1	0	0	7	24	0	1	0	2	0	4	6	12	6	0	0		
		15	1016.2	-	19.4	4.4	13.8	62	6.1	0	3	5	20	3	0	0	0	0	0	1	8	12	9	1	0	0	11	20	0	1	0	2	0	4	6	12	6	0	0		
		21	1016.4	-	16.7	2.7	14.0	73	5.1	0	6	8	14	3	0	0	0	0	0	0	2	9	20	0	0	0	0	6	19	6	2	0	2	0	10	2	4	5	0	0	
7b NORTH WALES																																									
Anglesey Valley	11m.	3	1015.9	-	13.5	0.7	14.2	90	6.5	0	1	6	11	11	2	0	0	1	1	0	1	5	9	9	5	0	4	13	13	1	1	2	1	0	11	9	5	1	0	0	
		9	1016.4	+2.3	15.5	1.7	14.5	83	6.4	1	2	3	14	10	1	0	0	0	1	1	2	5	7	7	8	0	3	16	12	0	0	4	0	1	10	13	2	1	0	0	
		15	1016.2	-	17.2	2.6	14.7	76	5.6	0	4	7	14	6	0	0	0	0	0	2	1	4	1	8	15	0	5	19	7	0	1	1	0	0	16	10	2	1	0	0	
		21	1015.8	-	14.6	1.0	14.9	90	6.4	0	2	6	11	11	1	0	0	0	1	1	6	3	3	7	10	0	2	20	8	1	0	3	2	0	15	7	3	0	0		
		3	1016.4	-	13.4	0.5	14.5	94	6.1	0	2	5	10	12	2	0	1	1	0	0	0	2	9	15	3	0	3	11	17	0	3	1	0	0	11	10	5	1	0	0	
Caernarvon Bardsey Island	19m.	9	1016.8	-	14.6	0.8	15.1	91	6.1	0	3	6	12	8	2	0	2	0	0	1	0	8	15	5	0	4	9	18	0	4	0	1	0	1	11	7	7	1	0	0	
		15	1016.7	-	15.6	1.2	15.5	87	6.3	0	3	5	9	11	3	0	1	0	2	1	1	0	5	14	7	0	4	12	13	2	2	0	2	0	11	11	3	0	0		
		21	1016.2	-	14.2	0.6	15.1	93	6.9	0	0	3	12	13	3	0	2	0	1	0	2	2	7	13	4	0	3	17	9	2	2	0	2	0	10	11	4	0	0		
		3	1017.0	-	12.7	0.6	13.6	91	5.4	0	6	8	5	12	0	0	0	0	0	1	9	9	3	9	0	0	14	16	1	1	0	2	0	15	5	6	1	0	0		
		9	1017.3	+2.5	15.3	1.6	14.6	84	5.9	0	5	4	13	9	0	0	0	0	0	3	6	8	8	6	0	0	14	17	0	0	2	1	1	11	5	10	1	0	0		
Pembroke Milford Haven C.B.	39m.	15	1017.1	-	16.5	2.2	14.6	78	6.2	0	2	7	10	12	0	0	1	0	0	0	1	7	4	5	13	0	0	16	13	2	1	1	0	1	7	4	13	2	0	0	
		21	1017.0	-	14.1	1.1	14.3	88	5.2	0	11	1	8	11	0	0	0	0	1	2	2	5	5	9	7	0	0	13	14	4	0	2	0	0	8	13	4	0	0		
		3	1017.5	-	14.2	0.8	14.7	90	5.6	1	6	2	11	10	1	0	0	1	0	0	0	5	12	13	0	0	0	12	15	4	1	1	1	1	6	7	7	3	0	0	
		9	1017.9	-	15.8	1.7	14.9	83	6.0	1	5	4	7	13	1	0	1	0	0	2	1	8	10	9	0	0	1	12	15	3	1	1	2	2	6	7	4	5	0	0	
		15	1017.8	-	17.2	2.3	15.2	78	5.9	1	3	6	8	12	1	0	1	0	0	2	8	10	10	0	0	0	0	17	13	1	1	0	2	2	8	12	4	1	0	0	
Glamorgan Mumbles	37m.	21	1017.4	-	15.2	1.2	15.2	88	5.6	3	3	6	6	13	0	0	0	0	0	4	6	13	8	0	0	1	12	17	1	4	0	0	1	3	14	8	0	0	0		
		3	1017.4	-	14.7	1.3	14.4	86	5.6	0	3	12	8	7	1	0	0	0	1	0	0	4	8	13	5	0	3	13	15	0	3	2	3	0	1	11	9	2	0	0	
		9	1017.9	-	16.0	1.8	14.8	81	5.6	2	3	7	11	8	0	0	0	0	2	0	8	13	7	1	0	2	12	16	1	1	2	2	3	4	11	6	1	0	0		
		15	1017.7	-	17.5	2.6	14.9	75	5.5	0	5	7	12	7	0	0	0	0	1	1	8	10	5	6	0	5	20	6	0	1	0	0	1	2	13	14	0	0	0		
		21	1017.4	-	16.1	1.7	15.2	83	5.9	0	6	5	6	14	0	0	0	0	4	0	7	9	6	5	0	5	15	10	1	1	2	0	0	2	16	9	1	0	0		
Rhoose	69m.	3	1017.6	-	13.7																																				



**TABLE VIII—NUMBER OF DAYS IN JULY, 1967**  
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 .. ..	0	0	0	28	3	0	0	0	0	0	0	0	1	19	11	0	Edgbaston .. ..	0	0	0	0	10	18	3	0	0	0	0	0	0	2	23	6
Stornoway .. ..	0	0	0	13	18	0	0	0	0	0	0	0	1	17	13	0	Kew .. ..	0	0	0	0	3	20	8	0	0	0	0	0	0	2	17	12
Craibstone .. ..	0	0	0	3	24	4	0	0	0	0	0	0	0	18	13	0	Hastings .. ..	0	0	0	0	14	15	2	0	0	0	0	0	0	2	18	11
Rothsay .. ..	0	0	0	9	22	0	0	0	0	0	0	0	0	9	22	0	Southampton .. ..	0	0	0	0	4	22	5	0	0	0	0	0	0	4	18	9
Abbotsinch .. ..	0	0	0	3	26	2	0	0	0	0	0	0	2	11	18	0	Stonyhurst .. ..	0	0	0	1	17	13	0	0	0	0	0	0	0	9	21	1
Eskdalemuir .. ..	0	0	0	7	23	1	0	0	0	0	0	0	2	16	13	0	Bidston .. ..	0	0	0	1	22	6	2	0	0	0	0	0	0	2	26	3
Douglas .. ..	0	0	0	8	21	2	0	0	0	0	0	0	0	8	23	0	Valley .. ..	0	0	0	0	27	2	2	0	0	0	0	0	0	1	28	2
Cockle Park .. ..	0	0	0	0	17	12	2	0	0	0	0	0	0	1	18	12	Falmouth .. ..	0	0	0	0	7	24	0	0	0	0	0	0	8	21	2	
Gorleston .. ..	0	0	0	0	3	21	7	0	0	0	0	0	0	4	22	5	Aldergrove .. ..	0	0	0	1	25	5	0	0	0	0	0	0	1	7	21	2
Cambridge .. ..	0	0	0	0	3	21	7	0	0	0	0	0	0	4	22	5	Armagh .. ..	0	0	0	0	22	9	0	0	0	0	0	0	0	10	21	0

**TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JULY, 1967**

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 .. ..	727	11	178	17	414.7	31	397	4	177	17	272.9	31	856	11	198	26	466.4	31
Eskdalemuir .. ..	712	11	54	14	371.0	31	384	1	51	14	251.1	31	780	11	66	14	391.4	31
Cambridge .. ..	717	26	327	2	511.5	31	377	1	192	24	296.1	31	-	-	-	-	-	-
London W/Centre .. ..	765	9	200	30	485.5	31	319	4	163	24	254.5	31	882	9	263	30	567.2	31
Kew .. ..	792	9	243	27	513.7	31	390	6	154	24	269.9	31	982	9	295	27	604.0	31
Bracknell .. ..	828	9	248	27	527.4	31	383	1	172	24	279.9	31	909	9	258	25	581.0	31
Aberporth .. ..	846	2	255	26	525.8	26	406	8	158	2	301.7	26	-	-	-	-	-	-

**TABLE II—ADDITIONS AND CORRECTIONS**

YEAR	MONTH	STATION	HEIGHT OF VANE IN METRES			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										HIGHEST VELOCITIES			
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		Mean Hourly Wind Speed in knots		HIGHEST HOURLY WIND	
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours									Veer from N	Speed in knots
1960	- 1966	Gatwick	227	33	33														
1962	November	Aberporth	483	41	41							254	104						
1963	February	Elmdon	343	31	31							146	115						
	March	Elmdon	343	31	31							275	84						
	March	Aberporth	483	41	41							151	24						
	April	Boscombe Down	425	53	53							180	317	200					
	April	Aberporth	483	41	41							341	56						
	June	Elmdon	343	31	31							264	386	59					
	December	Aberporth	483	41	41							194	44						
1964	January	Elmdon	343	31	31							127	449	164					
	January	Kew Observatory	92	75	50							129	390						
	January	Aberporth	483	41	41							348	206						
	February	Elmdon	343	31	31							239	380						
	March	Aberporth	483	41	41							377	226						
	April	Kew Observatory	92	75	50							308	106						
	May	Elmdon	343	31	31							296	355						
	August	Boscombe Down	425	53	53							284	350						
	September	Elmdon	343	31	31							336	116						
	November	Elmdon	343	31	31							12	212						
	November	Aberporth	483	41	41							109	355	198					
	December	Boscombe Down	425	53	53							327	251						

**TABLE III—ADDITIONS AND CORRECTIONS**

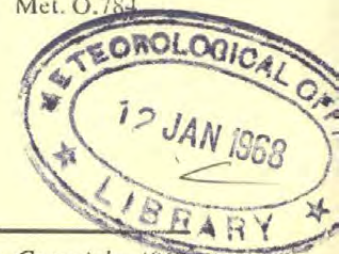
YEAR	MONTH	STATION	Max. Temp. by GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					MEANS OF		MEAN TEMPERATURES (Mean of A & B)		DIFFERENCE FROM 1911-50 AVERAGE		HIGHEST MAXIMUM AND LOWEST MINIMUM				Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY Amount (mm.)	Precip'n 0.2 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost?	Grass min. below 9°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					A Max.	B Min.					Maximum	Date																			Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														



# Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Met. O. 784



Volume 84 Number 8

Published by HER MAJESTY'S STATIONERY OFFICE

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## August 1967 — Unsettled until the 19th, then mainly fair or fine

Weather was mainly cyclonic in character except on the 5th and from the 19th to the 28th when pressure was high over the British Isles and the North Sea or to the south of the country.

During the first four days of the month a depression moved from the Atlantic, across Scotland, to the northern North Sea. Although weather over south-east England was warm and close on the 1st, with afternoon temperatures reaching 30°C locally, it was rather cool over most of the United Kingdom during these four days, with occasional rain on the 1st and 2nd giving place to thundery showers and long sunny periods on the 3rd and 4th.

The 5th was dry and sunny for most of the day as a ridge of high pressure moved across the country, but a belt of frontal rain spread into western districts from the Atlantic during the evening. Temperature rose above average during the next few days, as further frontal rain-belts associated with a deep depression approaching the west of Ireland, moved eastwards across the British Isles. On the 8th, violent thunderstorms accompanied by torrential rain, broke out in north-west England on one of these fronts. Falls exceeding 75 mm in 3 hours reported from parts of Lancashire during the late afternoon and evening resulted in considerable structural damage and widespread flooding.

Thunderstorms continued in many parts of the country on the 10th and 11th as low pressure off south-west Ireland was transferred across England to form a complex disturbance in the northern North Sea. North-westerly winds on the western flank of this disturbance brought cooler, showery weather to all districts on the 12th, but the showers rapidly died out on the 13th as a weak ridge of high pressure moved across the country. Rain from the Atlantic reached western districts during the evening, spread over the whole country during the night and continued with scattered thunderstorms for most of the 14th as a depression, which had formed to the west of Ireland the previous day, moved across northern England. A wave disturbance moving along the English Channel on the cold front of this depression brought further rain, heavy at times, to much of southern England on the 15th. On the 15th and 16th the extreme north of Scotland also had heavy rain associated with a complex area of low pressure covering the region. Falls exceeded 30 mm on both days.

On the 17th the low pressure area moved from Scotland northwards up the Norwegian coast, and a weak ridge of high pressure behind it brought a generally sunny day, apart from a few scattered showers, to most parts of the United Kingdom. Rain, heavy at times, reached north-west England from the Atlantic during the night and spread to most other districts on the 18th as a complex frontal trough moved across the country. The rain did not clear south-east England until the afternoon of the 19th.

The weather pattern then changed. An anticyclone covering Scotland on the 19th spread over the whole of the United Kingdom on the 20th and heralded a spell of fine weather which continued in many districts until the 28th. The first four or five days were generally warm, dry and sunny except in some coastal areas affected by sea fog and drizzle, and in a few places where overnight fog was slow to clear. After the 25th encroaching Atlantic fronts brought occasional but mainly slight rain, to northern districts, but in the south, although weather became more cloudy it remained generally warm and dry.

On the 29th westerly winds brought showers to many northern districts, and on the 30th and 31st a depression moving eastwards between Scotland and Iceland brought rain to the west and north of the United Kingdom, but weather remained mainly dry in the south-east.

**Pressure and Wind** — Mean pressure was within 1 mb of the 1931-60 average nearly everywhere the deviation at 0900 GMT ranging from +0.7 mb at Kilnsea to -1.1 mb at Prestwick and Dyce. Surface winds were between west and north-west until the 12th apart from an interlude of southerly winds from the 6th until the 9th, after which light variable winds from the 18th to the 28th were preceded and followed by Westerlies. Winds reached gale force on 4 days in England and Wales and on 2 days in Scotland. The highest gust recorded during the month was 52 kt at Kirkwall on the 31st.

**Temperature** — Over the month as a whole temperatures were a little below the 1931-60 average. Day temperatures were above the average for a few days around the 9th and from about the 21st to the 28th. There were some cold nights throughout the month, the coldest at many places being the 18th/19th when air temperature at Balmoral fell to -0.6°C.

Extremes included: (England and Wales) 30.0°C at Herne Bay and Southend on the 1st, 1.1°C at Santon Downham on the 20th; (Scotland) 25.6°C at Grantown-on-Spey on the 21st and at Mertoun and Fort Augustus on the 23rd, -0.6°C at Balmoral on the 19th; (Northern Ireland) 22.8°C at Reagh Island on the 10th, 2.8°C at Lislap Forest on the 5th, at Baronscourt Forest on the 19th and 20th and at Loughermore Forest on the 20th.

**Rainfall** — In Scotland rainfall was below the 1916-50 average except in the Orkneys and in north-facing coastal areas on the mainland. It was less than half the average in western Inverness-shire, in Perthshire and in parts of Argyllshire. In England and Wales rainfall was mainly above the average north of an approximate line from the Mersey to the Wash except in coastal regions and the Scottish border country. In parts of the West Riding of Yorkshire it was more than twice the average. Rainfall was also above the average in parts of south-east England and the extreme south-west of Cornwall. Elsewhere it was mainly below the average and was less than half the average in parts of Shropshire, Gloucestershire and Somersetshire.

Local thunder was heard in England and Wales every day during the first two weeks except on the 5th. It was also heard on the 16th, 23rd, 28th and 29th. Thunderstorms were widespread on the 8th, 9th and 10th. Exceptionally heavy falls of rain, classified as "very rare" falls, accompanied some of these storms on the 8th. In Scotland thunderstorms were widespread on the 16th.

**Sunshine** — This was below the 1931-60 average over most of Scotland except in Skye, Angus, Fife, East Lothian and in some inland areas; excesses of 25 hours were reported locally. Deficits of up to 30 hours were recorded in parts of northern Scotland and the Hebrides. In England and Wales sunshine was below the average except in a few eastern districts; percentages ranged from 72 at Huddersfield Oakes to 111 at Berwick on Tweed.

**Fog** — Fog was reported at some place or other at 0900 GMT almost daily after the first week. It was widespread on the 23rd and 24th and persisted in some coastal areas, with low cloud and drizzle, for much of both days. In Scotland morning fog was widespread on the 24th.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on only one night.

TABLE I—DISTRICT VALUES, AUGUST, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
0 SCOTLAND, N.	21.1	3.0	-0.2	-0.3	-0.3	-0.1	-0.8	-2	98	88
1 SCOTLAND, E.	23.3	5.6	-0.2	+0.1	-0.1	-0.1	-0.6	-1	78	99
2 ENGLAND, N.E.	25.6	5.0	-0.4	0.0	-0.2	+0.2	+0.2	0	133	93
3 ENGLAND, E.	28.3	3.9	-0.3	-0.2	-0.2	-0.1	+0.1	+1	91	93
4 MIDLANDS	26.1	4.4	-0.4	+0.1	-0.2	+0.1	+0.3	+1	105	85
5 ENGLAND, S.E.	27.8	5.0	-0.5	-0.1	-0.2	-0.1	-0.1	0	102	96
6 SCOTLAND, W.	23.2	3.5	-0.6	-0.2	-0.4	0.0	-0.3	+1	72	97
7 ENGLAND, N.W. and N. Wales	24.3	5.6	-0.7	+0.2	-0.2	+0.1	-0.1	+1	110	90
8 ENGLAND, S.W. and S. Wales	25.6	5.6	-0.7	-0.5	-0.5	-0.5	-0.3	0	77	88
N. IRELAND	22.2	3.3	-0.6	-0.7	-0.6	-	-	0	96	95
SCOTLAND	23.3	3.0	-0.3	-0.4	-0.3	-	-	-1	79	95
ENG. and WALES	28.3	3.9	-0.5	-0.1	-0.3	-	-	+1	92	91

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST, 1967

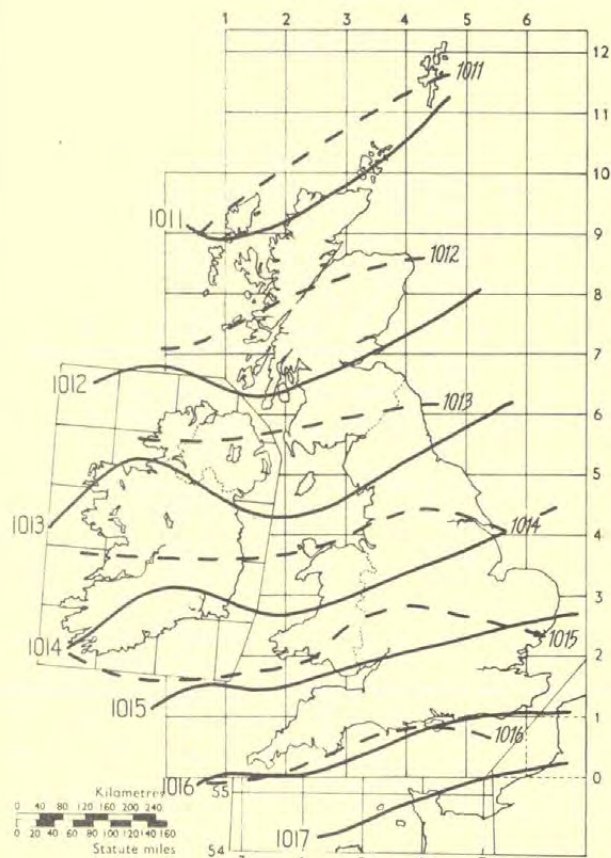
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots			HIGHEST HOURLY WIND			HIGHEST GUST		
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
0	Zetland	Lerwick	93	10	10	-	0	4	29	226	403	86	0	9.2	270	28	21	08	010	41	16	1610
	Orkney	Kirkwall	41	15	10	31	1	5	42	260	347	94	0	10.0	280	34	31	12	280	52	31	1200
	Caithness	Dounreay	34	12	9	-	0	5	42	377	318	7	0	12.2	280	32	31	19	280	44	31	1810
		Wick	45	10	10	-	0	3	21	217	386	120	0	8.7	280	30	31	13	280	48	31	1600
	Sutherland	Shin	24	10	10	-	0	3	4	137	258	322	23	5.9	280	26	31	10	270	44	31	0910
	Ross &	Stornoway (C'Guard)	37	12	11	-	0	9	43	295	241	165	0	9.7	250	27	30	20	270	42	30	1950
	Cromarty	Duirinish	38	20	17	-	0	1	5	130	423	170	16	6.4	250	25	30	15	240	39	30	1510
	Inverness	Benbecula	16	10	10	-	0	7	51	329	315	49	0	11.5	260	28	30	19	270	43	30	1940
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	1	1	102	252	389	0	4.5	230	22	30	15	230	41	30	1440
		Cairngorm	1074	9	9	*																
1	Moray	Kinloss	17	13	13	-	0	2	20	193	435	96	0	8.5	240	28	30	14	240	41	30	1345
		Lossiemouth	31	24	18	-	0	2	12	133	363	236	0	6.6	270	25	31	14	240	43	30	1410
	Aberdeen	Dyce	71	9	9	-	0	1	4	191	337	212	0	7.4	290	24	31	13	290	37	31	1305
	Angus	Bell Rock	39	40	38	-																
	Perth	Rannoch	307	17	17	-	0	2	15	256	275	198	0	8.1	270	30	30	23	270	44	30	2135
		Tunnel Bridge	161	16	16	-	0	0	0	65	316	363	0	4.4	270	20	30	16	290	36	20	1250
	Fife	Leuchars	24	12	12	-	0	1	4	208	482	50	0	8.4	240	23	30	15	250	40	30	1640
	West Lothian	Forth Road Bridge	72	9	72	-	0	7	58	301	235	112	38	11.1	250	33	30	17	240	47	30	1640
	Midlothian	Turnhouse	42	12	10	-	0	2	3	141	430	170	0	6.9	250	24	30	18	250	40	30	1745
		Edinburgh, Blackford Hill	151	15	10	-																
6a	Argyll	Tires	27	18	14	-	0	6	37	354	207	146	0	10.8	300	29	12	04	230	43	30	1630
	Dunbarton	Cumbernauld	166	10	10	-	0	1	4	241	354	126	19	8.6	240	30	30	17	240	47	30	1615
	Renfrew	Paisley	57	25	9	-	0	0	0	51	379	314	0	4.6	280	21	30	19	290	43	30	1815
		Abbotsinch	16	10	10	-	0	1	8	170	411	155	0	7.2	260	28	30	19	250	44	30	1805
	Lanark	Lowther Hill	736	13	10	-	0	4	13	422	261	34	14	11.8	270	31	30	20	270	44	30	1920
	Ayr	Hunterston	13	9	9	-	0	3	9	224	316	195	0	7.9	250	28	30	15	250	36	30	1450
		Prestwick	21	10	10	-	0	0	0	225	389	130	0	7.9	300	21	4	14	250	31	30	1850
	Dumfries	Chapelcross	94	15	15	0																
		Eskdalemuir	251	15	11	-	0	1	1	71	387	285	0	5.1	240	22	30	17	280	40	30	2035
	Wigtown	West Freugh	25	10	10	-	0	1	2	273	373	96	0	9.0	330	23	4	13	330	37	4	1250
6b	Isle of Man	Ronaldsway	25	10	10	-	0	3	7	302	323	112	0	9.2	310	24	4	13	290	37	12	1135
		Point of Ayre	20	10	10	-	0	7	60	394	240	50	0	12.3	300	29	4	13	300	37	4	1310
2	Durham	Durham	119	16	10	-	0	0	0	92	331	321	0	5.1	260	18	16	13	270	34	30	1340
		South Shields	22	17	13	-	0	0	0	114	404	226	0	6.3	130	20	14	13	110	30	14	1425
	Yorks, N.R.	Leeming	42	10	10	-	0	0	0	164	445	135	0	7.4	270	20	15	06	260	34	16	1035
		Silpho Moor	207	15	9	-	0	0	0	77	396	254	17	5.5	220	16	30	15	220	39	30	2100
	Lincoln	Cranwell	76	12	12	-	0	1	1	263	275	205	0	7.9	260	22	12	15	240	35	16	1220
		Binbrook	118	10	10	-	0	0	0	219	407	118	0	8.3	220	19	16	16	220	33	16	1250
		Manby	26	10	10	-	0	0	0	229	401	114	0	8.3	250	20	15	09	250	28	16	1515
3	Norfolk	Gorleston	16	13	13	-																
	Suffolk	Mildenhall	30	25	18	-	0	0	0	123	383	238	0	6.2	250	18	16	12	280	35	16	1205
	Bedford	Bedford	98	13	9	-	0	0	0	231	432	81	0	8.3	260	21	11	16	250	33	11	1500
		Cardington	69	41	41	-	0	5	22	287	338	97	0	9.8	240	27	14	17	240	40	14	1635
	Hertford	Garston	94	15	10	-	0	0	0	29	507	208	0	4.9	250	14	11	16	250	27	16	1525
		Rothamsted	141	13	10	-	0	0	0	1	366	377	0	4.0	260	11	16	15	260	29	16	1345
	Essex	Stansted	107	9	9	-	0	0	0	152	463	129	0	7.1	220	16	14	16	210	27	14	1530
		Coryton	20	17	15	-	0	0	0	172	454	67	51	8.0	230	19	14	17	230	39	16	1635
		Shoeburyness	36	32	28	-	0	1	11	348	342	40	3	10.6	220	26	14	17	230	38	16	1700
4	Yorks, W.R.	Sheffield	162	25	11	-	0	0	0	28	289	415	12	3.5	240	15	16	15	230	35	16	1225
	Warwick	Edgbaston	196	36	22	-	0	0	0	81	582	81	0	6.9	220	16	16	14	270	34	14	1905
		Elmdon	105	9	9	-	0	1	1	204	474	65	0	8.3	240	22	16	13	240	34	16	1210
	Buckingham	Amersham	152	15	15	-	0	0	0	32	494	218	0	5.3	230	14	11	16	230	34	11	1730
	Stafford	Keele	215	15	10	-	0	0	0	55	384	305	0	5.1	250	15	16	16	250	36	16	1515
	Worcester	Pershore	47	10	10	-	0	2	9	244	351	140	0	8.5	240	25	16	14	240	35	16	1325
	Gloucester	Avonmouth	28	19	10	-																
5	Greater London	London W/Centre	93	70	38	-	0	0	0	236	442	66	0	8.5	230	18	14	17	230	31	14	1715
		Heathrow	35	10	10	-	0	0	0	198	471	75	0	7.8	230	17	16	15	250	41	16	1515
		Hampton	42	31	30	-	0	0	0	106	375	263	0	5.7	230	18	14	17	260	35	16	1530
		Kew	28	23	15	-	0	0	0	76	401	267	0	5.6	210	16	16	15	270	44	16	1530
	Surrey	Gatwick	69	10	10	-	0	0	0	101	366	277	0	5.8</								



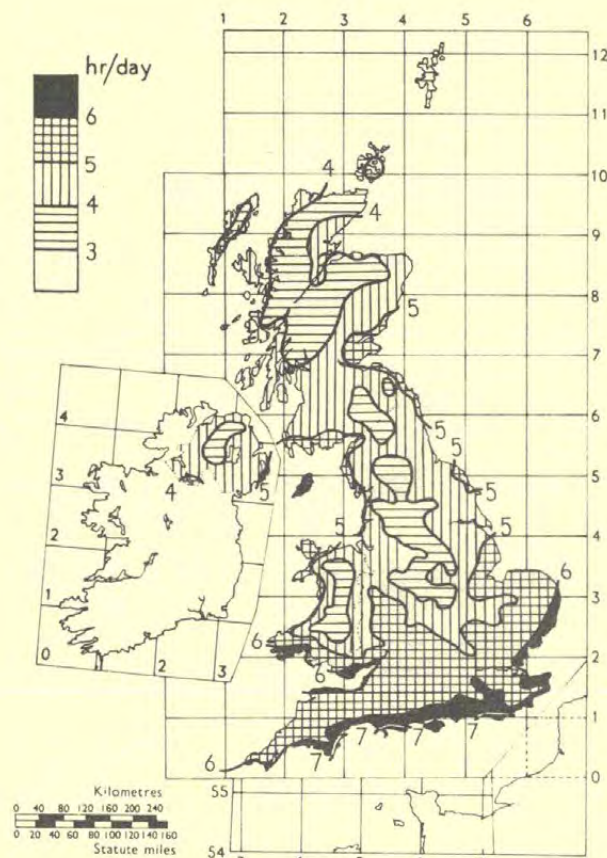
# MONTHLY WEATHER CHARTS AUGUST 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

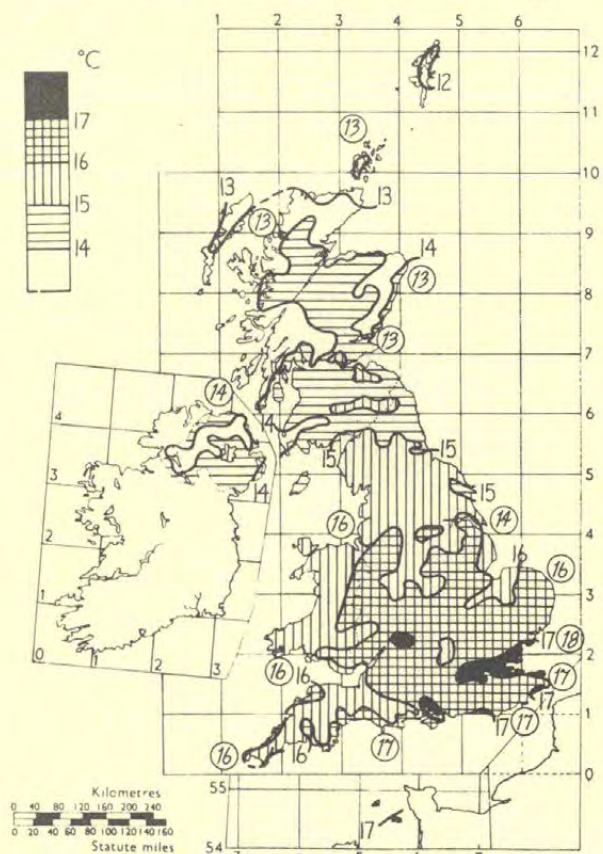


## BRIGHT SUNSHINE

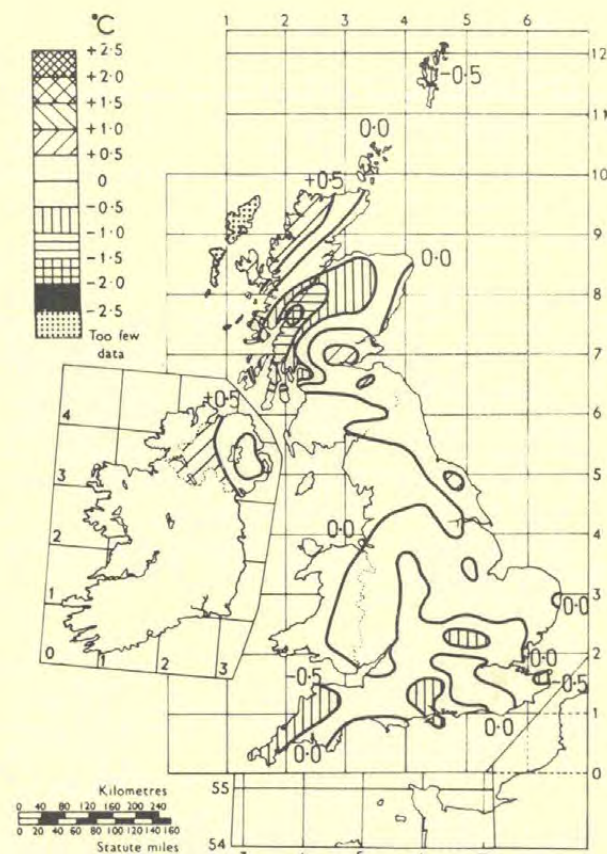


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm. EARTH TEMPERATURE





# RAINFALL

## AUGUST 1967

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

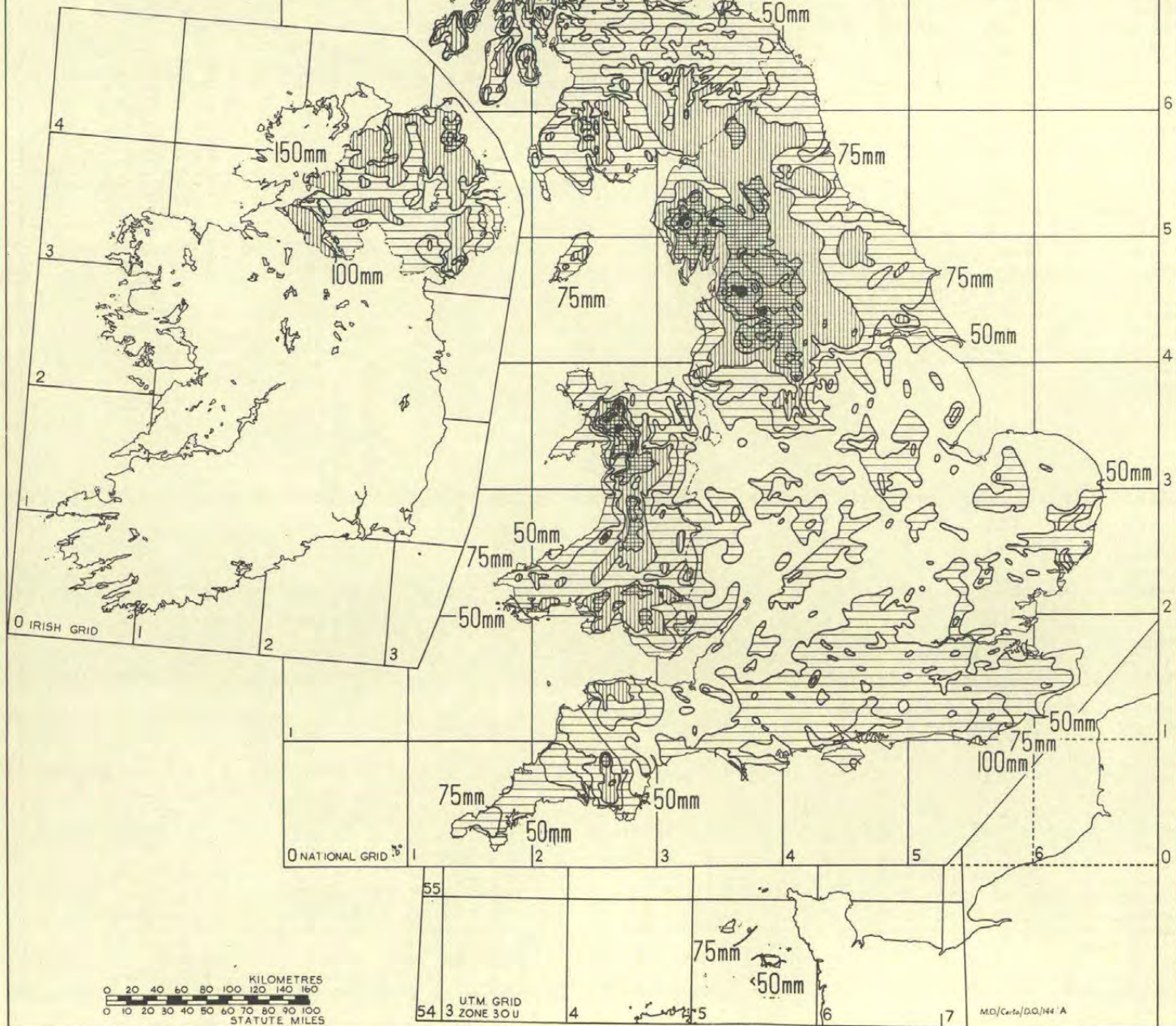
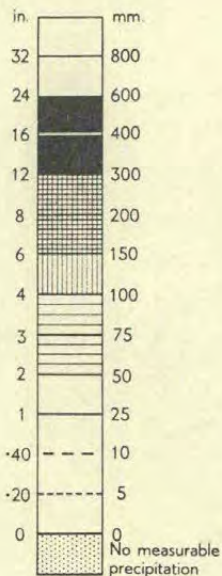




TABLE III

## SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day											Daily Mean (hr.)	Percentage of 1931-60 average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date							Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C				Gale		
0 SCOTLAND, N.																																	
Zetland		Hamnavoe ...	99	21	14.2	9.9	12.1	-	17.8	7	6.7	6	-	-	67	-	17	16	19	13	0	0	0	0	5	0	-	0	3.55	-	-		
		Lerwick	21-9	82	13.6	9.3	11.5	-0.6	17.0	23	5.7	6	-	-	89	119	23	16	16	14	0	0	0	0	1	8	0	0	3.17	84	-		
		Baltsound	99	24	14.6	9.0	11.8	-	17.8	23	3.3	6	11.2	-	56	77	11	16	22	15	0	0	0	0	4	0	-	0	3.13	-	-		
Orkney		Sule Skerry ...	21-9	13	14.3	10.9	12.6	-	17.3	7,25	7.9	5	-	-	52	-	13	30	17	11	0	0	0	0	2	0	0	1	-	-	-		
		Stenness	99	23	15.8	10.0	12.9	-	21.1	25	5.6	5	12.9	11.2	81	103	25	16	24	15	0	0	0	0	1	1	0	0	1	3.36	-	-	
		Evie ...	99	34	15.3	9.4	12.3	-	20.0	25	(6.1)	5	-	-	86	-	30	16	15	14	-	-	-	-	2	0	0	-	2.93	-	-		
		Kirkwall	21-9	26	15.2	10.0	12.6	0.0	20.3	25	6.0	18	-	-	108	148	41	16	20	13	0	0	0	0	1	0	0	0	2.90	70	-		
Caithness		Dounreay ...	99	21	16.6	9.1	12.9	-	21.7	22	3.9	19	-	-	83	-	29	16	12	10	0	0	0	0	1	0	0	0	-	-	-		
		Wick ...	21-9	36	15.4	9.9	12.7	0.0	19.0	7,28	3.8	19	-	-	68	101	20	15	18	11	0	0	0	0	1	0	0	0	3.55	82	-		
Sutherland		Cape Wrath ...	21-9	112	14.1	10.4	12.3	-0.4	18.8	22	7.0	17	-	-	103	101	45	15	21	13	0	0	0	0	1	0	0	2	3.63	-	-		
		Achfary	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Achany	99	85	17.4	8.6	13.0	-	23.3	22	1.1	18	14.7	12.4	95	116	35	15	18	11	0	0	0	0	1	0	0	4	0	4.17	-	-	
		Strathay ...	99	37	16.4	8.9	12.7	-0.2	22.2	22	1.7	19	-	-	101	112	31	15	19	12	0	0	0	0	0	0	0	0	3.41	87	-		
Ross & Cromarty		Stornoway	21-9	3	16.0	10.0	13.0	-0.3	20.4	8	3.0	19	-	-	63	74	14	15	18	13	0	0	0	0	0	0	0	3	0	4.08	95	-	
		Balmacara ...	99	4	17.6	10.6	14.1	-	22.2	8	5.6	18	-	-	104	-	18	14	21	15	0	0	0	0	0	0	0	0	-	-	-	-	
		Poolewe	99	6	17.4	10.4	13.9	-	22.2	8	4.4	19	-	-	87	69	22	15	20	18	-	-	-	-	0	0	0	0	3.70	-	S		
		Rudh Re	21-9	16	15.4	10.7	13.1	-	21.0	9	6.8	19	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	-	-	-		
		Inverpolly	99	14	16.6	10.4	13.5	-	21.7	8,9	3.3	19	13.7	-	84	-	30	15	20	14	0	0	0	0	0	0	-	3	0	3.76	-	-	
		Achnashellach	99	67	17.1	9.4	13.3	-0.2	22.8	8	2.8	5	-	-	96	57	23	15	22	18	0	0	0	0	0	0	0	0	-	-	-	-	
		Kinlochewe	99	23	17.8	9.8	13.8	-0.5	23.9	22	3.9	5,18,19	14.4	-	95	60	26	15	21	16	0	0	0	0	0	0	3	0	3.25	-	S		
		Fortrose ...	21-9	5	16.6	11.5	14.1	-0.1	20.0	8,25	7.2	18,19	-	-	78	120	42	15	14	11	0	0	0	0	1	0	-	0	3.89	91	-		
		Tarbatness	21-9	18	16.2	11.2	13.7	0.0	21.0	25	6.0	18	-	-	63	111	32	16	14	7	0	0	0	0	0	0	0	0	1	-	-	-	
Inverness		Benbecula	21-9	6	16.0	10.6	13.3	-0.4	21.0	8	5.6	18	-	-	66	68	9	28	20	16	0	0	0	0	0	0	2	0	3.99	-	-	-	
		Isle of Rhum	99	5	17.1	10.2	13.7	-	21.1	8,22,24	4.4	5,18	15.8	13.5	154	74	31	28	22	17	0	0	0	0	0	0	0	0	-	-	-	-	
		Prabost	99	67	16.6	10.3	13.5	-	21.7	8	5.6	5,18	-	-	94	68	10	15	22	18	0	0	0	0	0	0	3	1	4.25	-	-	-	
		Duntulm	99	90	15.6	10.4	13.0	-0.2	21.7	8	6.1	19	-	-	91	81	22	28	22	17	0	0	0	0	0	0	0	0	4.43	105	-	-	
		Cnich	99	15	17.2	10.0	13.6	-0.3	21.1	23	3.9	18	-	-	130	78	30	16	20	16	-	0	-	-	0	0	2	-	3.35	90	S	-	
		Fort William	99	8	17.2	10.2	13.7	-	21.7	22,23	3.9	18	14.6	13.8	77	-	25	15	18	14	0	0	0	0	0	0	0	0	3.26	-	-	-	
		Fort Augustus	99	21	18.1	9.9	14.0	-0.2	25.6	23	3.9	19	-	-	55	-	24	15	20	11	0	0	0	0	0	1	0	-	3.45	-	-	-	
		Cannich	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Inverness	99	4	17.9	10.8	14.3	-	23.9	22	5.0	19	-	-	73	101	30	15	12	9	0	0	0	0	0	2	0	0	4.45	-	-	-	
		Coire Cas Shieling	99	762	13.1	7.4	10.3	-	21.7	21	2.2	17,19	-	-	115	-	28	16	17	15	0	-	0	0	2	0	-	1	-	-	-	-	
		Cairngorm	99	1090	10.2	4.6	7.4	-	18.9	21	0.6	17,19	-	-	172	-	38	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Achnagoichan	99	305	16.9	7.8	12.3	-	23.9	21	1.1	19	11.9	-	57	-	19	3	16	13	-	-	-	-	-	0	8	-	-	-	-	-	
		Glenmore Lodge	99	341	17.1	8.3	12.7	+0.1	22.2	5,30	1.1	21	-	-	36	37	5	26	19	12	-	0	-	-	1	0	2	-	4.58	-	-	-	-
1 SCOTLAND, E.																																	
Nairn		Nairn ...	99	6	17.2	10.3	13.7	-0.4	22.8	8	5.6	19	-	-	107	153	34	3	19	14	0	0	0	0	1	2	0	0	3.76	87	-	-	
		Grantown-on-Spey	99	221	17.7	7.6	12.7	-	25.6	21	0.0	19	-	-	86	-	27	3	18	13	0	0	1	0	1	0	1	-	0	-	-	-	-
Moray		Forres ...	99	47	17.1	10.3	13.7	-0.5	21.1	8,22,25	5.6	19	14.7	12.6	104	151	31	3	17	13	0	0	0	0	1	0	0	0	3.48	75	-	-	
		Kinloss ...	21-9	5	17.5	10.2	13.9	0.0	22.0	8	5.8	19	13.8	-	91	132	25	15	17	11	0	0	0	0	1	0	0	0	3.53	-	-	-	
		Elgin ...	99	15	17.7	9.9	13.8	-	22.8	22	3.9	18	-	-	87	121	26	15	14	10	0	0	0	0	0	0	0	1	0	4.06	-	-	-
		Lossiemouth	99	6	17.1	8.8	12.9	-0.1	21.7	8	1.1	18	-	-	72	106	24	15	13	10	0	0	0	0	1	1	0	2	0	-	-	-	-
		Gordon Castle	99	32	17.8	10.1	13.9	-0.4	22.8	22	3.9	18,19	-	-	100	127	31	4	16	10	0	0	0	0	1	0	0	0	3.37	74	-	-	-
Banff		Glenlivet	99	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Banff ...	99	24	17.5	10.8	14.1	-	24.4	22	7.2	18	-	-	101	-	30	3	15	12	0	0	0	0	1	2	0	-	4.59	-	-	-	-
Aberdeen		Braemar	99	339	17.0	7.9	12.5	-0.1	23.9	21	1.7	18	-	-	69	88	21	15	17	9	-	0	-	-	0	0	0	0	4.40	-	-	-	-
		Balmoral	99	283	17.3	6.5	11.9	-0.7	24.4	21	-0.6	19	-	-	74	101	22</																



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931—60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916—50 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—60 average	Exposure	
									Maximum	Date	Minimum	Date																					
																																	A Max.
1 SCOTLAND, E.—cont.																																	
Midlothian —cont.	Davidson's Mains	99	61	18.1	10.7	14.4	-0.1	23.3	21	7.2	2	15.1	-	62	77	19	14	19	10	0	0	0	0	1	1	0	0	0	4.17	-	S		
	Penicuik ...	99	189	18.0	9.4	13.7	-0.2	24.4	21	4.4	5	15.1	-	65	68	19	14	14	13	0	0	0	0	2	0	0	0	0	4.20	-	-		
E. Lothian	Bush House	99	184	17.4	9.7	13.5	-	23.9	21	5.6	5	14.9	13.3	62	65	15	14	17	13	0	0	0	0	1	0	0	1	0	4.94	-	-		
	Edinburgh—																																
	„ Blackford Hill	99	134	18.2	11.3	14.7	+0.2	23.3	21	8.3	5	-	-	55	69	18	11	14	10	0	0	0	0	2	0	0	-	4.70	102	-	-		
	„ Royal Bot. Gdns.	99	23	18.1	10.8	14.5	-0.2	22.8	21	7.2	2.5	15.5	-	47	63	11	14	15	10	0	0	0	0	1	1	0	1	0	4.75	101	-	-	
	Haddington	99	49	18.6	10.4	14.5	-	24.4	22	5.6	5	-	-	100	135	59	14	16	10	0	0	0	0	0	0	0	0	5.02	-	-	-		
Berwick	Dunbar	99	23	17.3	11.2	14.3	0.0	23.9	22	6.7	2	-	-	59	86	19	14	17	11	0	0	0	0	1	0	1	0	0	5.58	110	-	-	
	Mertoun	99	69	18.9	9.2	14.1	-	25.6	23	5.0	2.5	-	-	78	-	20	14	19	12	0	-	0	0	1	-	0	0	4.12	-	-	-		
	Lauder	99	183	18.5	8.6	13.5	-	23.3	21,22,23	4.4	21	-	-	62	-	13	14	20	11	0	0	0	0	1	0	1	3	0	4.89	-	-	-	
	Marchmont	99	152	17.9	9.9	13.9	-0.2	23.9	21,22,23	6.7	5	-	-	57	69	17	14	17	11	0	0	0	0	0	0	1	0	-	3.95	86	S	-	
	Whitchester	99	255	17.5	9.2	13.3	-	22.8	23	5.0	5	-	-	68	71	23	14	19	12	0	0	0	0	1	-	0	-	0	-	-	-	-	
Peebles	St. Abb's Head	99	75	16.5	11.3	13.9	-	20.2	26	8.0	4	-	-	-	-	-	-	-	0	0	0	0	0	2	0	0	0	0	-	-	-	-	
	Stanhope Farm	99	226	17.2	9.3	13.3	-	22.8	23	3.9	5	-	-	75	74	11	4	18	16	0	0	0	0	0	0	0	2	0	-	-	-	-	
	Blyth Bridge	99	253	16.7	9.4	13.1	-	22.2	22,23	5.6	5	-	-	71	82	10	14	20	16	0	0	0	0	2	0	0	1	0	3.81	-	-	-	
Selkirk	West Linton	99	244	17.4	8.7	13.1	-	23.3	21	5.0	2.7	13.7	12.7	77	77	22	14	21	15	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Glenstress	99	177	18.0	9.2	13.6	-	24.4	21,22	4.4	5	-	-	53	74	6	11	19	15	0	0	0	0	1	0	0	0	-	0	-	-	-	
	Bowhill	99	183	18.3	9.5	13.9	-	23.9	23	5.6	5	-	-	55	66	13	8	18	13	0	0	0	0	2	0	0	-	0	-	-	-	-	
Roxburgh	Wauchope	99	171	18.1	9.5	13.8	-	23.3	23	5.0	20	-	-	67	70	10	8	17	14	0	0	0	0	1	0	2	0	0	-	-	-	-	
	Kelso	99	35	19.1	10.2	14.5	-	25.0	22	5.0	5	-	-	63	-	11	8	17	10	0	0	0	0	1	0	0	0	0	3.82	-	-	-	
	Sourhope	99	274	17.6	9.9	13.7	+0.1	23.3	21,23	5.0	5	-	-	74	-	12	13	16	12	0	0	0	0	1	0	0	0	0	4.29	-	-	-	
6a SCOTLAND, W.																																	
Argyll	Tiree	99	21-9	9	16.0	10.9	13.5	-0.3	19.4	9	6.1	18	-	53	58	9	11	18	15	0	0	0	0	0	0	0	0	1	0	4.59	87	-	-
	Rhuvaal	21-9	20	16.0	11.0	13.5	-	21.5	23	8.1	18	-	-	61	51	14	28	15	10	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Colonsay	99	27	16.7	10.3	13.5	-0.6	20.6	22	5.0	21,27	-	-	71	64	15	14	18	10	0	-	0	0	0	0	0	-	0	-	-	-	-	
	Craighouse	99	3																														
	Macbridehanish	21-9	10	16.4	10.9	13.7	-	19.6	22	5.5	19	-	-	83	-	17	11	17	14	0	0	0	0	2	0	0	0	0	0	4.49	-	-	-
Bute	Campbeltown	99	3	17.0	11.1	14.1	-	20.0	23	7.2	21,26	-	-	95	-	20	13	18	13	0	0	0	0	0	11	0	-	0	4.41	-	-	-	
	Polloch	99	10	17.6	9.4	13.5	-	22.8	23	3.3	5,18,19	-	-	112	-	21	14	20	17	0	-	0	0	0	-	0	1	0	-	-	-	-	
	Achaglachgach	99	12	17.6	9.1	13.3	-	21.7	23	4.4	27,28	-	-	73	62	14	11	18	15	0	-	1	0	0	0	0	0	0	-	-	-	-	
	Lepinmore	99	9	18.0	10.4	14.2	-0.2	22.2	23	5.0	18	-	-	91	65	22	15	20	12	0	0	0	0	1	1	0	0	0	3.83	-	-	-	
	Glenbranter	99	24	17.4	9.8	13.6	-	21.7	23	4.4	18,27	-	-	95	-	18	15	17	12	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Benmore Y.B.G.*	99	12	17.7	10.4	14.1	-	22.8	23	6.1	18,27	-	-	95	52	22	15	22	12	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Kildonan	21-9	18	16.8	11.8	14.3	-	20.6	22	9.6	27	-	-	62	-	11	14	18	11	0	-	0	0	0	0	0	0	1	-	-	-	-	
	Brodick Castle	99	15	18.1	10.9	14.5	-	21.1	21	6.1	19	16.2	-	80	-	22	14	19	16	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Rothsay	99	43	16.9	10.9	13.9	-0.4	20.6	23	7.2	5	14.1	12.8	87	71	23	11	20	16	0	0	0	0	0	0	0	0	0	4.52	99	-	-	
	Millport	99	5																														
Dunbarton	Finnart	99	15	17.4	10.9	14.1	-	21.1	23	6.7	20	-	-	107	-	28	15	21	17	0	0	0	0	0	-	0	-	0	-	-	-	-	
	Helensburgh	99	89	18.1	10.3	14.2	-0.1	22.8	23	6.1	5,18,27	-	-	63	50	18	14	18	13	0	0	0	0	0	0	0	-	0	4.00	95	S	-	
Stirling	Sloy	21-9	12	17.6	10.4	14.0	-	21.3	22,23	5.0	18	-	-	116	-	42	15	19	14	0	-	0	0	0	0	0	-	0	-	-	-	-	-
	Cumbernauld	99	94	17.9	9.9	13.9	-	22.8	22,23	6.1	27	-	-	78	-	20	14	17	10	0	0	0	0	1	0	0	0	0	-	-	-	-	
	Earl's Hill	21-9	335	15.6	8.4	12.0	-	20.8	23	3.6	5	-	-	80	-	19	14	17	10	-	-	-	-	6	0	0	-	4.71	-	-	-	-	
Renfrew	Stirling	99	46	18.8	10.9	14.9	-0.1	24.4	21,23	7.2	4	16.6	13.5	67	76	14	11	14	10	0	0	0	0	1	1	0	0	0	4.74	-	-	-	-
	Falkirk Swge. Wks.	99	3	18.9	10.3	14.6	-	23.9	21,22	7.2	10	-	-	51	-	15	11	15	13	0	-	0	0	1	0	-	0	-	-	-	-	-	
	Grangemouth	99	4	18.9	11.1	15.0	-	24.4	21,22	8.3	4,17,19	-	-	50	-	14	14	14	10	0	0	0	0	0	0	0	-	0	-	-	-	-	
	Greenock	99	61	17.4	11.4	14.4	-0.4	21.7	23	8.3	5	-	-	66	56	18	11	17	11	0	0	0	0	0	0	0	0	0	4.87	-	-	-	-
	Paisley	99	32	18.4	11.3	14.9	-0.4	23.3	23	7.2	27	15.3	12.9	69	76	18	11	20	15	0	0	0	0	0	0	2	0	0	0				



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in h. of Observation	Min. Temp. in h. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n (mm.)	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					A Max.	B Min.	Mean Temperature (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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\* Training College      \*\* King Edward School



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days														BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n			Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
									Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					A Max.	B Min.									30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE				
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM																								
					A Max.	B Min.			Maximum	Date	Minimum	Date																					
													30 cm.	122 cm.	Total fall (mm.)	Percentage of 1911-60 average	Amount (mm.)	Most in a day	Precip'n	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
7a ENGLAND, N.W.—cont.																																	
Lancashire	Grizedale	9 9	91	18.2	9.7	13.9	-	22.8	23	4.4	20	-	-	158	-	26	18	21	15	0	0	0	0	1	0	0	1	0	0	-	-	-	
	—cont.	Speke	21-9	22	19.4	12.0	15.7	-	24.0	23	7.5	2	-	-	57	72	10	11	17	11	0	0	0	0	3	1	0	0	0	0	4.64	-	-
	Kirkham	9 9	24	18.5	11.5	15.0	-	23.9	21	6.7	2	-	-	97	96	26	17	15	13	0	0	0	1	6	0	0	0	0	0	0	4.77	-	-
	Garstang	9 9	21	18.3	11.6	14.9	-	22.8	22, 23	3.9	30, 31	-	-	118	120	30	17	15	13	-	0	-	-	-	0	0	-	-	-	(3.88)	-	-	
	Morecambe	9 9	7	18.6	13.2	15.9	0.0	24.4	22	8.9	20	-	-	137	137	31	8	16	14	0	0	0	0	0	0	0	0	0	0	4.94	89	-	
	Penketh	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Preston	9 9	33	18.5	12.3	15.4	-	23.3	21	7.8	2	-	-	125	119	27	17	20	16	0	0	0	0	7	1	0	0	0	0	-	-	-	
	Stonyhurst	9 9	115	18.1	11.3	14.7	-0.4	23.3	21	7.2	2	-	-	170	136	38	17	17	14	-	0	-	-	-	1	0	-	-	-	3.72	75	-	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore	9 9	260	16.9	10.9	13.9	-	21.7	21	7.8	2	14.4	-	211	139	30	17	21	15	-	0	-	-	-	2	0	0	0	0	-	-	-	-
	Burnley	9 9	200	17.9	10.8	14.3	-	23.3	21, 22	6.1	2	13.9	12.3	274	-	45	8	21	18	0	0	3	0	6	0	0	0	0	0	0	3.66	-	-
	Nelson	9 9	165	17.6	11.1	14.3	-	23.3	21	6.7	2	15.7	13.5	217	195	29	17	20	18	-	0	-	-	-	0	0	0	0	0	-	-	-	-
	Rochdale	9 9	110	18.9	11.1	15.0	-	23.9	21	6.7	2, 20, 21	-	-	157	137	24	16	18	13	0	0	0	0	2	0	0	0	0	0	-	-	-	-
Cheshire	West Kirby Park	9 9	8	19.4	12.3	15.9	-	24.4	9	7.8	2	-	-	60	-	16	9	17	12	-	0	-	-	-	-	0	-	-	-	4.58	-	-	
	Bidston	9 9	60	17.9	12.7	15.3	-0.3	23.3	22	9.4	4	-	-	108	135	21	9	17	13	-	0	-	-	-	0	0	0	0	0	-	-	-	-
	Ness Gardens	9 9	55	19.3	11.0	15.1	-	23.9	9	7.8	2, 5	-	-	50	-	7	11	17	13	-	-	-	-	-	0	1	-	-	-	-	-	-	
	Winnington	9 9	20	19.9	12.6	16.3	-	24.4	9, 21, 23	8.3	2, 21	-	-	92	118	23	23	19	15	0	0	0	0	5	1	0	0	0	0	-	-	-	-
	Knutsford	9 9	65	19.9	11.5	15.7	-	25.5	23	6.7	5	17.2	15.9	61	71	13	11	19	14	-	0	-	-	-	0	0	-	-	-	-	-	-	
	Ringway	9 9	76	19.2	12.1	15.7	0.0	23.8	23	6.7	5	-	-	84	104	15	11	20	18	0	0	0	0	8	1	0	0	0	0	4.59	94	-	
	Macclesfield	9 9	152	19.2	11.5	15.3	-0.2	23.9	21, 22	7.2	4, 5	-	-	79	88	23	11	19	15	0	0	0	0	7	0	0	0	0	0	-	-	-	-
7b NORTH WALES																																	
Flint	Rhyl	9 9	9	18.8	12.2	15.5	-0.3	24.4	22	8.3	2	-	-	86	137	17	18	13	10	0	0	0	0	1	1	0	0	0	0	4.60	85	-	
	Prestatyn	9 9	4	18.7	12.5	15.6	-	24.4	22	7.8	21	-	-	77	116	14	30	12	11	0	0	0	0	3	0	0	-	-	-	4.57	88	-	
	Hawarden Bridge	9 9	5	20.0	11.7	15.9	-0.3	23.9	9, 21, 23	6.7	2	-	-	36	53	10	11	15	8	-	0	-	-	-	1	0	-	-	-	-	-	-	
Anglesey	Valley	21-9	10	18.0	12.5	15.3	-0.2	24.3	7	8.5	20	-	-	47	64	13	18	17	10	0	0	0	0	2	0	0	0	0	0	5.66	96	-	
Denbigh	Colwyn Bay	9 9	36	18.1	12.4	15.3	-0.6	23.3	22	9.4	2, 5	16.1	-	91	140	19	18	12	11	0	0	0	0	1	0	0	0	0	0	5.34	97	-	
	Aiwen	9 9	335	16.7	8.5	12.6	-	21.7	22, 23	1.7	2	-	-	89	84	19	10	16	14	-	-	-	-	-	0	1	-	-	-	-	-	-	
	Ruthin	9 9	76	19.1	10.8	14.9	-	23.3	9	5.6	5	-	-	48	-	11	9	13	11	-	0	-	-	-	0	0	-	-	-	4.38	-	-	
	Loggerheads	9 9	210	18.2	10.0	14.1	-	22.2	9, 22, 23	5.0	5, 21	14.9	14.1	85	-	19	12	17	12	0	0	0	0	2	1	0	0	0	0	-	-	-	-
	Bwlchgwyn	9 9	386	16.4	10.3	13.3	-	21.1	9	4.5	5	13.2	-	90	92	26	12	17	12	0	0	0	0	0	1	0	1	0	0	-	-	-	-
Caernarvon	Wrexham	9 9	84	19.8	11.5	15.7	-	23.9	22, 23	7.2	2, 5	16.2	14.7	28	41	8	9	12	9	0	0	0	0	2	1	0	0	0	0	-	-	-	-
	Bardsey Island	21-9	18	17.3	13.3	15.3	-	21.1	9	11.3	5	-	-	35	-	9	13	16	11	-	0	-	-	-	0	0	0	0	0	-	-	-	-
	Botwnnog	9 9	34	18.2	11.9	15.1	-	22.2	9, 22	7.2	5	17.7	15.7	55	-	11	18	15	13	0	0	0	0	1	0	0	0	0	0	5.70	-	-	-
	Bryn Adda	9 9	84	18.4	11.7	15.1	-	23.3	22, 23	7.2	5	-	-	92	88	33	18	15	12	0	0	0	0	2	0	0	0	0	0	5.35	-	-	-
	Aber	9 9	18	18.5	11.9	15.2	-0.5	22.3	8	6.1	20	-	-	100	109	33	18	17	14	0	0	0	0	1	0	0	0	0	0	4.35	84	-	
	Llandudno	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Merioneth	Trawsfynydd	9 9	186	17.8	10.5	14.1	-	23.9	22	6.7	2, 5	-	-	120	-	24	18	18	15	-	-	-	-	-	0	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	9 9	229	17.6	10.3	13.9	-	23.3	23	5.6	5	-	-	249	109	47	18	20	19	-	0	-	-	-	2	0	-	-	-	-	-	S	
	Corwen	9 9	144	18.8	9.8	14.3	-	23.3	9, 23	3.3	2, 5	-	-	52	59	10	9	18	14	0	0	0	0	1	-	0	0	0	0	-	-	-	S
Montgomery	Ceiriws	9 9	61	19.8	10.3	15.1	-	25.6	23	3.9	2	-	-	191	-	35	18	15	14	-	-	-	-	1	0	0	0	0	0	-	-	-	-
	Lake Vyrnwy	9 9	303	17.2	9.9	13.5	-	22.8	23	5.6	2	14.3	-	133	103	33	18	19	15	0	0	0	0	3	0	0	0	0	0	-	-	-	-
8a SOUTH WALES																																	
Cardigan	Aberporth	21-9	133	17.5	11.9	14.7	-0.4	23.2	22	8.6	2, 5	-	-	52	62	20	13	15	9	0	0	0	0	1	1	0	0	0	0	5.12	-	-	-
	Aberystwyth	9 9	138	18.1	11.7	14.9	-0.3	23.9	22	9.4	4, 5	-	-	65	60	20	13	18	11	0	0	0	0	0	0	0	0	0	0	4.90	92	-	-
	Frongoch	9 9	31	18.7	11.6	15.1	-	23.9	22	6.1	2	-	-	54	56	19	13	16	11	0	0	0	0	0	0	0	0	0	0	4.93	-	-	-
	Gogerddan	9 9	165	18.2	10.8	14.5	-	23.9	22	5.0	2	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	-	4.45	-	-	-
	Swyddffynnon	9 9	61	18.7	10.8	14.7	-	24.4	22	5.0	2, 5	16.3	-	71	66	18	13	16	12	0	0	0	0	0	0	0	0	0	0	4.91	-	-	-
	Trawscoed	9 9	290	16.4	10.6	13.5	-	21.7	22	3.9	2	-	-	118	89	26	13	18	16	0	0	0	0	0	2								







TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										SPEED IN KNOTS												
																										3 or more	4-7	8-10	11-16	17-24								
																										22-33	34-47	48-63	64-81	82-100								
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	83m.	3	1010.9	-	10.1	0.3	11.9	96	6.5	0	2	3	14	7	5	0	4	1	0	0	0	6	4	8	8	0	0	6	20	5	4	6	0	2	6	2	3	3
		9	1010.9	-0.1	11.8	0.7	12.6	91	6.9	0	2	4	8	10	7	0	7	0	1	0	1	6	3	7	6	0	1	10	20	0	5	4	3	4	7	2	5	1
		15	1010.9	-	12.5	1.1	12.7	88	7.0	0	1	1	17	9	3	0	2	1	1	1	2	6	3	7	8	0	1	15	15	0	3	5	1	3	7	1	9	2
		21	1011.2	-	10.7	0.4	12.2	95	7.3	0	1	0	12	13	5	0	3	2	1	0	1	5	9	4	6	0	2	8	18	3	4	6	1	1	6	4	2	2
		9	1011.0	-	11.0	0.5	12.3	94	6.9	0	2	1	14	10	4	0	2	0	2	1	1	4	7	10	4	0	3	7	15	6	3	1	4	4	1	6	1	6
Orkney Kirkwall	26m.	3	1011.2	0.0	12.7	1.0	13.1	88	6.7	0	3	1	14	12	1	0	1	0	0	1	1	10	3	4	11	0	1	12	17	1	6	1	6	2	6	2	6	1
		9	1011.3	-	14.2	1.8	13.0	80	6.2	0	2	7	12	10	0	0	0	0	0	1	0	5	3	6	16	0	1	18	12	0	4	3	5	5	4	1	6	3
		15	1011.5	-	11.3	0.6	12.4	92	6.7	0	2	3	12	12	2	0	2	0	0	1	6	5	7	10	0	2	9	17	3	3	3	4	7	1	2	5	3	
		21	1011.0	-	10.8	0.5	12.3	93	6.7	0	4	0	13	10	4	0	4	0	3	0	1	3	4	8	8	0	0	5	25	1	1	4	4	4	2	8	3	
		3	1011.1	-0.4	12.9	1.2	12.9	86	6.5	0	3	2	18	7	1	0	1	0	0	0	2	6	1	9	12	0	3	10	18	0	3	6	4	6	0	7	2	
Cathness Wick	37m.	9	1011.1	-	14.1	1.9	12.9	80	6.2	0	2	7	13	8	1	0	0	1	0	0	4	4	6	16	0	1	14	16	0	5	3	6	6	2	1	2	6	
		15	1011.1	-	11.8	0.6	12.8	92	6.3	0	3	5	10	9	4	0	2	1	2	0	2	3	9	9	0	1	5	25	0	5	3	7	5	2	2	4	3	
		21	1011.5	-	11.9	1.0	12.3	88	6.8	0	1	5	10	13	2	0	1	1	0	0	0	3	9	17	1	2	5	17	6	2	6	1	5	2	7	1	1	
		9	1011.3	-	12.5	1.0	12.9	88	7.0	0	0	6	7	17	1	0	1	0	0	1	1	0	7	8	13	1	0	7	16	7	0	5	3	1	1	9	1	4
		15	1011.3	-	12.9	1.0	13.2	88	6.5	0	1	7	12	9	2	0	2	0	0	0	0	3	7	16	1	1	6	19	4	1	7	3	1	1	9	2	3	
Sutherland Cape Wrath*	113m.	21	1011.2	-	12.0	0.7	12.9	91	7.3	0	0	3	9	17	2	0	2	0	0	0	0	2	3	10	14	2	1	5	19	4	1	7	4	3	0	8	2	2
		3	1011.0	-	11.1	0.4	12.8	96	5.9	1	4	5	11	10	0	0	0	0	0	0	2	13	12	2	0	0	11	14	6	3	2	2	3	6	4	2	3	
		9	1011.6	+0.4	13.3	1.1	13.4	88	6.0	0	3	5	16	7	0	0	0	0	0	0	1	8	6	5	11	0	0	12	19	0	4	4	3	3	11	1	2	3
		15	1011.8	-	14.6	1.9	13.3	80	6.1	0	3	5	18	5	0	0	0	0	0	1	1	9	5	15	0	1	13	17	0	2	5	3	6	7	2	4	2	
		21	1011.9	-	11.9	0.7	12.9	92	6.0	1	3	5	12	10	0	0	0	0	0	0	1	4	10	10	6	0	0	13	16	2	5	4	2	1	8	3	3	
Ross & Cromarty Stornoway	5m.	3	1010.8	-	11.7	0.7	12.6	91	6.3	0	4	3	13	11	0	0	0	0	0	0	4	6	14	7	0	2	9	17	3	2	5	6	2	3	2	3	2	
		9	1011.3	+0.2	13.5	1.4	13.0	83	6.5	0	1	5	19	6	0	0	0	0	0	0	5	5	10	11	0	1	15	14	1	3	4	3	5	5	3	5	2	
		15	1011.6	-	14.8	2.1	13.2	78	6.8	0	2	2	22	5	0	0	0	0	0	0	6	5	6	14	0	2	17	12	0	3	4	1	5	7	5	5	1	
		21	1011.7	-	12.6	1.0	13.0	89	6.4	0	2	3	22	4	0	0	0	0	0	0	1	5	7	8	10	0	2	12	16	1	6	2	3	3	6	6	2	2
		1 SCOTLAND, E.																																				
Moray Kinloss	6m.	3	1011.7	-	11.5	1.0	12.0	88	6.4	0	3	3	16	8	1	0	0	0	2	0	0	5	4	9	11	0	0	5	24	2	0	1	5	2	6	11	2	2
		9	1011.8	+0.2	14.2	2.0	12.8	79	6.6	0	1	4	17	9	0	0	0	0	0	1	1	2	7	6	14	0	0	10	21	0	4	2	4	0	2	9	9	1
		15	1011.6	-	15.8	2.7	13.0	73	6.8	0	1	2	18	10	0	0	0	0	1	0	0	5	4	4	17	0	1	12	18	0	10	4	5	0	0	1	7	4
		21	1012.0	-	13.1	1.4	12.8	85	6.5	0	1	5	17	7	1	0	0	1	1	0	0	4	4	7	14	0	1	6	24	0	1	2	4	5	6	8	2	
		3	1011.2	-	10.7	0.9	11.5	89	6.0	0	4	6	12	8	1	0	0	1	2	1	1	3	10	6	7	0	0	5	14	12	0	1	0	2	1	4	4	7
Aberdeen Dyce	59m.	9	1011.2	-1.1	14.2	2.1	12.5	77	6.2	0	1	7	16	6	1	0	0	0	1	1	4	3	6	4	12	0	0	5	22	4	2	1	4	2	4	5	4	5
		15	1011.0	-	16.1	3.0	12.9	70	6.3	0	1	6	18	6	0	0	0	0	1	1	8	4	7	10	0	0	17	14	0	3	1	7	1	10	3	2	4	
		21	1011.5	-	12.5	1.3	12.4	85	6.1	0	2	8	13	7	1	0	0	0	1	2	4	6	9	3	6	0	0	4	22	5	0	2	2	5	3	6	8	
		3	1011.1	-	11.6	0.7	12.6	91	5.9	1	7	4	5	14	0	0	0	0	3	0	5	1	2	20	0	0	2	19	10	3	2	1	1	0	4	7	3	
		9	1011.2	-	14.2	1.6	13.5	83	5.9	0	1	10	15	3	2	0	0	1	1	0	1	4	1	9	14	0	0	1	21	9	4	3	2	2	2	5	4	0
Angus Usan	35m.	15	1010.9	-	15.5	1.8	14.3	81	5.6	0	3	10	10	7	1	0	0	1	1	0	3	5	3	16	0	0	7	23	1	3	2	4	3	12	2	3	1	
		21	1011.3	-	13.1	1.1	13.1	87	5.8	0	4	7	11	2	0	1	0	1	1	1	1	5	2	1	19	0	0	2	23	6	5	6	1	0	2	2	9	0
		3	1011.3	-	10.9	0.6	12.1	92	5.9	1	3	5	13	8	1	0	0	0	1	0	3	8	4	9	6	0	0	5	21	5	2	3	2	2	0	9	7	1
		9	1011.5	-0.9	14.6	1.8	13.4	80	6.0	0	4	3	19	4	1	0	0	1	0	2	4	5	8	11	0	0	11	16	4	1	2	5	1	0	9	7	2	
		15	1011.0	-	17.2	3.2	13.6	70	6.2	0	2	5	19	5	0	0	0	2	0	1	3	3	7	15	0	1	18	11	1	1	3	8	1	0	11	5	1	
Fife Leuchars	12m.	21	1011.6	-	12.9	1.2	12.8	85	5.9	1	4	3	18	4	1	0	0	1	1	0	5	2	3	9	10	0	0	5	23	3	2	6	1	1	1	6	9	2
		3	1012.1	-	11.4	0.7	12.5	92	6.4	1	1	3	18	8	0	0	0	0	0	1	2	7	11	9	1	0	14	16	1	4	0	0	5	5	0			
		9	1012.1	-0.6	14.6	1.9	13.2	79	6.1	0	5	3	15	8	0	0	0	0	2	5	7	10	6	3	0	0	7	21	3	4	2	2	0	9	9	0		
		15	1011.6	-	16.8	3.1	13.3	70	6.2	0	2	6	18	5	0	0	0	0	0	0	2	3	12	5	9	0	0	13	17	1	2	8	1	0				



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

AUGUST,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktae)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										14 or more	8-7	4-5	1-3	Calm									
																										22-33	11-21	1-10	0										
Number of Observations																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington 46m.	3	1012.2	-	11.1	0.4	12.3	95	4.9	1	6	7	11	6	0	0	0	1	0	1	4	4	8	10	3	0	0	2	24	5	2	1	1	1	2	6	10	3		
	9	1012.3	-0.7	15.0	1.7	14.1	83	5.3	0	2	4	18	6	1	0	1	0	1	1	4	5	7	5	7	0	0	0	8	21	2	3	1	1	1	2	6	5	8	3
	15	1012.0	-	16.5	2.4	14.3	76	5.8	1	2	4	20	4	0	0	0	0	0	1	5	6	5	6	8	0	0	1	14	16	0	2	5	1	9	2	2	10	0	
	21	1012.7	-	12.8	0.8	13.5	91	5.2	0	7	6	14	4	0	0	0	0	0	1	3	9	8	7	3	0	0	0	3	24	4	1	0	0	0	1	3	2	16	4
	3	1012.8	-	12.8	1.0	13.1	88	5.2	3	4	6	8	10	0	0	0	0	1	0	2	5	16	7	3	0	0	0	6	22	3	2	1	0	1	5	6	12	1	
Tynemouth 40m.	9	1012.8	-0.5	14.3	1.6	13.5	82	5.3	1	1	6	14	7	2	1	0	0	2	2	4	8	6	8	0	0	0	0	16	12	3	4	0	1	1	9	3	9	1	
	15	1012.6	-	15.6	2.2	13.6	77	5.9	3	0	8	12	8	0	0	0	0	1	2	3	9	8	8	0	0	0	2	16	10	3	5	1	1	3	9	2	7	0	
	21	1012.9	-	14.4	1.7	13.4	82	5.7	2	2	7	9	11	0	0	0	1	1	1	10	15	3	0	0	0	0	6	21	4	1	0	1	1	7	0	15	2		
	3	1012.2	-	11.8	0.9	12.4	89	5.4	1	5	7	8	10	0	0	1	0	2	1	8	5	13	1	0	0	0	1	25	5	2	2	0	0	6	5	11	0		
	9	1012.4	-	14.7	1.8	13.6	81	5.8	0	2	8	15	6	0	0	0	3	1	1	9	4	3	10	0	0	0	5	23	3	5	3	1	1	8	1	8	1		
Seahouses 12m.	15	1012.1	-	16.1	2.4	13.8	76	5.6	0	3	9	15	4	0	1	0	0	1	2	5	5	4	3	10	0	0	8	22	1	4	1	5	1	1	1	7	0		
	21	1012.5	-	13.3	1.5	12.7	83	5.1	0	5	10	8	8	0	0	0	0	0	1	4	6	3	10	7	0	0	2	27	2	2	1	0	2	9	5	8	2		
	3	1013.0	-	12.4	0.8	13.1	90	5.9	2	2	5	10	12	0	0	0	0	0	1	9	3	8	7	3	0	0	4	19	8	2	1	0	3	10	1	5	1		
	9	1013.2	-	14.9	1.7	13.9	82	6.8	0	1	3	14	13	0	0	0	1	1	7	6	3	5	8	0	0	0	8	22	1	2	2	0	1	15	2	6	2		
	15	1012.6	-	18.4	3.5	14.2	67	5.9	1	3	4	16	7	0	0	0	0	0	2	9	3	8	9	0	0	0	15	16	0	2	2	0	4	4	13	2			
Whitby Coastguard 66m.	21	1013.3	-	14.4	1.6	13.6	82	5.1	1	7	4	14	5	0	0	0	0	1	5	6	7	6	6	0	0	0	4	22	5	3	1	0	2	7	4	7	2		
	3	1013.6	-	14.9	1.6	14.1	83	6.2	1	2	4	14	8	2	0	2	0	1	0	0	8	13	7	0	0	0	0	11	18	2	0	1	2	1	11	7	6	1	
	9	1013.2	-	16.7	2.6	14.0	74	5.7	1	2	6	18	4	0	0	0	0	0	1	11	7	12	0	0	0	0	1	18	11	1	0	0	7	3	5	4	8	3	
	15	1013.7	-	14.1	1.4	13.6	85	5.2	1	7	6	10	7	0	0	0	0	0	2	13	11	5	0	0	0	0	9	18	4	0	1	2	2	7	6	2	2		
	21	1013.5	-	12.1	0.6	13.2	93	5.4	3	5	3	9	9	2	0	1	1	0	2	6	5	14	1	1	0	0	0	4	17	10	1	1	2	0	3	5	7	2	
Yorks, E. Riding Leconfield 9m.	3	1013.6	0.0	15.6	1.9	14.1	80	6.4	2	1	3	17	8	0	0	0	0	0	1	2	11	8	6	3	0	0	0	12	13	6	0	2	3	1	4	3	11	1	
	9	1013.1	-	18.6	3.7	14.0	65	5.6	1	1	11	16	2	0	0	0	0	0	0	6	11	8	6	0	0	0	0	15	15	1	0	3	5	2	5	2	13	0	
	15	1013.7	-	13.8	1.3	13.6	85	4.3	1	12	4	9	5	0	0	0	0	2	2	12	8	4	3	0	0	0	4	19	8	2	0	3	3	3	2	3	10	0	
	21	1014.4	-	13.5	0.7	14.4	92	4.9	6	2	7	6	8	2	0	2	1	0	2	2	4	20	0	0	0	0	3	13	12	3	2	2	3	1	3	3	11	3	
	3	1014.7	+0.7	15.0	1.3	14.8	87	6.1	2	0	8	8	13	0	0	0	3	1	2	10	15	0	0	0	0	2	13	15	1	3	1	3	2	4	3	14	0		
Lincoln Waddington 69m.	9	1014.4	-	16.6	2.0	15.2	81	6.5	2	0	4	12	12	1	0	1	1	0	0	3	12	14	0	0	0	2	19	9	1	1	2	6	4	3	4	10	0		
	15	1014.5	-	14.7	1.2	14.6	87	5.3	2	2	12	6	7	2	0	2	0	0	0	1	7	21	0	0	0	0	17	12	2	2	2	5	1	5	0	14	0		
	21	1013.9	-	12.5	0.7	13.4	92	5.4	5	3	2	9	11	1	0	2	0	0	2	4	10	8	4	1	0	0	6	22	3	1	1	2	2	4	12	4	2		
	3	1014.1	-0.4	15.4	1.6	14.6	83	6.8	2	0	3	16	10	0	0	0	0	1	4	12	6	7	1	0	0	0	12	17	2	2	1	3	3	1	9	10	0		
	9	1013.4	-	19.1	3.7	14.7	66	5.9	1	2	6	16	6	0	0	0	0	0	0	7	6	16	2	0	0	0	16	15	0	1	2	3	4	2	9	10	0		
Binbrook 109m.	15	1014.2	-	14.4	1.4	13.9	85	4.4	3	7	7	11	3	0	0	1	0	0	5	6	8	10	1	0	0	0	5	26	0	1	2	5	2	6	11	3	1		
	21	1013.8	-	12.2	0.7	13.1	91	5.7	3	4	2	11	8	3	0	1	2	1	0	5	10	8	2	2	0	0	6	20	5	1	0	2	2	1	7	6	7	2	
	3	1014.0	-	15.4	2.0	13.8	79	6.2	1	1	5	18	6	0	0	0	0	0	1	15	8	7	0	0	0	0	15	14	2	1	2	2	5	10	7	2			
	9	1013.4	-	18.0	3.4	14.0	68	5.9	1	1	7	20	2	0	0	0	0	0	1	10	11	6	3	0	0	0	12	19	0	0	3	8	1	2	6	11	0		
	15	1014.1	-	14.1	1.5	13.5	84	5.1	1	5	7	17	0	1	0	0	1	0	4	13	11	1	1	0	0	0	8	18	5	2	1	4	3	9	5	0	0		
Manby 14m.	21	1013.9	-	12.2	0.4	13.6	95	5.5	4	3	4	9	8	3	0	2	1	2	3	10	11	1	0	0	0	0	3	20	8	1	0	1	1	3	6	10	1		
	3	1014.2	0.0	16.4	1.9	15.1	81	6.1	1	2	7	11	10	0	0	0	0	0	3	14	10	3	1	0	1	13	17	0	4	2	2	1	4	7	9	2			
	9	1013.7	-	18.8	3.4	14.9	69	6.1	0	1	8	17	5	0	0	0	0	0	1	7	14	6	3	0	0	0	15	16	0	1	2	4	5	4	2	11	2		
	15	1014.2	-	14.1	1.0	14.4	89	4.9	2	6	7	11	5	0	0	0	0	1	1	3	8	11	5	2	0	0	6	22	3	3	0	2	5	4	6	8	0		
	21	1014.2	-	14.1	1.0	14.4	89	4.9	2	6	7	11	5	0	0	0	0	1	1	3	8	11	5	2	0	0	6	22	3	3	0	2	5	4	6	8	0		
3 ENGLAND, E.																																							
Norfolk West Raynham 80m.	3	1014.4	-	11.9	0.5	13.2	94	5.4	3	6	1	10	6	5	0	6	1	2	0	1	12	8	1	0	0	0	8	20	3	1	1	3	2	4	11	4	2		
	9	1014.6	+0.3	15.9	1.7	14.9	83	6.1	1	3	3	19	5	0	0	0	0	0	1	3	8	11	8	0	0	0	0	18	12	1	1	1	2	3	4	6	11	2	
	15	1013.9	-	18.5	3.2	14.9	70	6.0	0																														



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

AUGUST.

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																					
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																										SPEED IN KNOTS																
																										8 or more	6-7	4-5	1-3	Calm												
																										22-33	11-21	1-10	0													
Number of Observations																																										
4 MIDLAND COUNTIES —cont.																																										
Finningley	14m.	8	1013.6	-	12.7	0.7	13.6	91	5.4	6	2	3	10	10	0	0	0	0	0	4	5	13	8	1	0	0	0	0	3	20	8	2	0	2	3	6	3	6	1	0		
		9	1013.9	-0.3	15.9	2.0	14.4	80	6.5	2	1	2	15	11	0	0	0	0	0	2	4	8	12	5	0	0	0	0	13	13	5	3	0	0	2	2	6	4	9	1		
		15	1013.2	-	20.1	4.6	14.4	61	5.7	2	2	4	21	2	0	0	0	0	0	0	1	7	15	7	1	0	0	0	12	15	4	2	1	2	3	4	5	9	1			
Northampton Wittering	67m.	8	1013.9	-	15.1	1.8	13.9	81	4.3	3	5	11	10	2	0	0	0	0	0	0	0	14	11	2	0	0	0	0	5	23	3	2	1	3	3	3	3	10	3	1		
		9	1014.5	-	12.3	0.7	13.1	91	5.1	5	3	3	11	7	2	0	0	0	2	2	0	5	9	11	2	0	0	0	3	24	4	2	0	2	1	5	6	10	1			
		15	1014.6	-0.2	15.8	1.8	14.6	81	6.2	1	3	2	16	8	1	0	0	0	0	1	3	7	7	11	1	0	0	0	12	17	2	3	0	2	2	4	4	3	12	1		
Warwick Edgbaston	165m.	8	1013.9	-	19.5	4.1	14.3	63	6.1	0	3	7	14	7	0	0	0	0	0	0	2	2	11	12	4	0	0	0	15	15	1	0	2	1	4	2	4	17	0	1		
		9	1014.5	-	14.9	1.7	13.9	82	4.6	2	4	12	10	3	0	0	0	0	0	0	4	5	10	12	0	0	0	2	27	2	3	2	1	5	3	4	10	1	0			
		15	1015.0	0.0	14.8	1.8	13.7	81	6.0	1	2	7	16	5	0	0	0	0	0	0	0	2	2	5	11	8	2	0	2	29	0	2	1	2	6	4	10	5	1			
Elmdon	110m.	8	1014.4	-	18.9	4.5	13.0	60	5.9	0	1	11	12	7	0	0	0	0	0	0	1	2	4	5	9	11	0	0	7	24	0	0	2	0	6	3	7	12	1	0		
		9	1015.2	-	15.6	2.2	13.7	77	4.4	3	6	9	10	3	0	0	0	0	0	0	2	7	9	11	2	0	0	0	1	30	0	2	2	0	3	8	7	7	2	1		
		15	1014.3	-	12.2	0.9	12.8	89	5.3	3	4	6	7	10	1	0	0	0	0	0	3	1	2	8	10	6	1	0	0	4	17	10	0	1	3	10	5	1	1	0		
Shropshire Shawbury	76m.	8	1014.5	-	15.4	1.8	14.2	81	6.1	1	4	1	19	5	1	0	0	0	0	2	1	3	8	14	3	0	0	0	8	19	4	2	1	1	4	5	6	8	0	0		
		9	1013.8	-	19.0	4.4	13.3	61	6.0	0	2	8	15	6	0	0	0	0	0	0	0	1	4	17	8	1	0	0	14	15	2	0	2	0	4	2	8	12	1	0		
		15	1014.6	-	15.0	1.9	13.7	80	4.6	2	7	8	8	6	0	0	0	0	0	0	0	1	4	9	17	0	0	0	4	22	5	3	0	0	3	5	8	4	3	0		
Worcester Pershore	36m.	8	1013.9	-	12.2	0.6	13.2	92	5.4	1	4	7	13	6	0	0	0	0	0	0	1	4	7	5	11	3	0	0	2	21	8	0	0	5	1	5	6	6	0	0		
		9	1014.1	-	15.2	1.7	14.2	82	6.0	0	5	2	19	4	1	0	0	0	0	0	0	2	9	2	10	7	0	0	12	14	5	1	0	3	4	2	12	0	0			
		15	1013.6	-	18.9	4.2	13.4	62	6.2	0	2	2	25	2	0	0	0	0	0	0	0	0	1	4	4	10	12	0	0	18	13	0	2	0	4	3	5	12	2	0		
Hereford Ross-on-Wye	69m.	8	1014.4	-	14.3	1.5	13.7	83	5.4	1	1	14	10	5	0	0	0	0	0	0	2	1	8	1	11	8	0	0	3	22	6	3	1	2	1	5	5	7	1	0		
		9	1014.7	-	12.9	0.9	13.4	89	4.6	3	5	6	11	6	0	0	0	0	0	0	0	0	3	4	12	8	3	0	0	5	19	7	1	1	2	1	5	11	2	1	0	
		15	1014.7	-	16.1	2.2	14.3	78	6.1	0	3	6	14	8	0	0	0	0	0	0	1	1	2	6	13	3	7	0	0	13	14	4	2	1	2	0	5	8	8	1		
Gloucester Filton	60m.	8	1014.1	-	20.1	4.9	13.4	57	6.2	0	1	6	20	4	0	0	0	0	0	0	0	1	3	5	9	13	0	2	14	14	1	0	3	2	3	2	7	13	1	0		
		9	1014.8	-	15.6	2.2	13.7	77	5.3	2	6	4	14	5	0	0	0	0	0	0	0	3	5	7	9	7	0	0	6	22	3	1	1	1	4	2	9	7	3	0		
		15	1014.5	-0.6	15.8	1.9	14.4	80	6.1	0	2	6	16	6	1	0	0	0	0	0	0	3	5	6	12	4	0	0	2	26	3	2	0	3	2	1	8	9	3	0		
Gloucester	24m.	8	1014.0	-	19.4	4.4	13.7	61	5.8	0	1	13	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	22	0	0	1	2	4	5	8	11	0		
		9	1014.9	-	15.3	1.9	14.0	80	5.6	1	5	4	14	6	1	0	0	0	0	0	0	1	2	7	3	14	4	0	0	0	31	0	1	1	3	1	4	13	7	1	0	
		15	1015.0	-	13.0	0.8	13.6	90	4.5	2	9	6	7	1	0	0	0	0	0	0	0	0	2	3	8	14	3	0	0	0	1	17	13	0	1	2	3	3	2	7	0	0
Little Rissington	229m.	8	1015.2	-0.2	15.9	1.7	15.0	82	6.1	0	3	6	15	6	1	0	0	0	0	0	0	1	4	5	9	11	0	0	0	13	13	5	1	0	2	3	2	8	9	1	0	
		9	1014.7	-	19.1	3.9	14.3	65	5.7	0	1	10	16	4	0	0	0	0	0	0	0	0	1	0	4	6	9	11	0	0	14	15	2	1	0	0	4	2	3	18	1	0
		15	1015.4	-	15.4	1.7	14.4	82	4.8	3	5	7	13	3	0	0	0	0	0	0	0	0	4	6	13	8	0	0	0	4	19	8	0	1	1	2	2	7	10	0	0	
Surrey Gatwick	59m.	8	1014.9	-	13.9	1.0	14.2	89	4.9	4	5	5	9	7	1	0	0	0	0	0	0	1	2	8	10	7	2	0	0	2	24	5	0	2	1	1	12	8	1	1	0	
		9	1015.1	-	16.6	2.0	15.2	80	6.3	0	2	5	17	6	1	0	0	0	0	0	0	0	1	1	10	7	6	5	0	0	8	14	9	1	0	2	1	3	11	4	0	0
		15	1014.6	-	20.5	4.5	14.6	60	6.4	0	2	4	20	5	0	0	0	0	0	0	0	0	0	1	5	6	8	11	0	0	9	21	1	1	2	1	3	4	14	3	2	0
Kent Dungeness	13m.	8	1015.2	-	16.3	2.0	14.8	79	5.2	4	3	4	15	5	0	0	0	0	0	0	0	0	1	9	6	4	9	0	0	4	22	5	0	0	2	2	8	13	0	1	0	
		9	1014.9	-	12.3	0.7	13.2	91	5.7	3	2	6	8	11	1	0	0	0	0	0	0	2	4	7	6	6	4	0	0	3	27	1	2	2	2	3	9	9	1	0	0	
		15	1014.9	-	14.7	1.6	13.9	83	6.0	2	2	4	14	7	2	0	0	0	0	0	0	0	2	0	6	9	8	4	0	0	14	16	1	1	1	4	2	3	8	9	2	0
Sussex Thorney Island	4m.	8	1014.1	-	18.2	4.0	13.2	63	6.2	0	2	4	19	6	0	0	0	0	0	0	0	0	1	4	7	10	9	0	2	13	15	1	2	1	4	1	3	15	1	0	0	
		9	1015.1	-	14.4	1.7	13.4	81	4.7	4	3	8	12	4	0	0	0	0	0	0	0	0	2	5	8	10	4	0	0	6	24	1	0	1	3	2	2	6	13	3	0	
		15	1015.1	-	14.4	1.7	13.4	81	4.7	4	3	8	12	4	0	0	0	0	0	0	0	0	2	5	8	10	4	0	0	6	24	1	0	1	3	2	2	6	13	3	0	
Greater London Heathrow	26m.	8	1015.1	-	13.8	0.9	14.3	90	4.7	5	4	6	9	6	1	0	0	0	0																							



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

AUGUST,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																			
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	6-7	4-5	1-3	0									
																										24 or more	22-33	11-21	1-10	0									
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1012.4	-	12.3	0.5	13.5	94	6.1	0	4	4	13	10	0	0	0	0	0	0	0	4	14	7	6	0	0	0	3	18	10	0	1	6	3	2	6	0	
		9	1012.7	-	14.9	1.4	14.5	85	6.3	0	3	4	15	9	0	0	0	0	1	1	3	3	13	7	3	0	0	0	7	19	5	0	2	5	4	0	4	11	0
		15	1012.4	-	17.6	2.7	15.0	74	5.7	0	2	9	18	2	0	0	0	0	0	0	0	5	9	11	6	0	0	0	11	20	0	0	2	4	1	0	11	11	0
		21	1013.1	-	13.9	1.0	14.2	89	5.9	1	3	4	15	7	1	0	0	0	1	0	3	10	2	13	2	0	0	0	1	22	8	0	0	2	5	4	0	1	7
Westmorland Great Dun Fell	-	3	-	-	8.1	0.2	10.6	97	6.8	3	4	0	1	1	0	25	15	10	0	0	0	0	0	2	3	0	0	0	4	18	5	4	1	2	1	0	7	13	0
		9	-	-	9.2	0.4	11.1	94	6.9	2	0	3	2	1	23	8	15	1	0	0	0	0	2	3	0	0	0	4	18	5	4	1	2	1	0	7	13	0	
		15	-	-	10.6	0.8	11.7	91	6.6	2	0	3	11	4	10	1	9	0	0	0	1	1	7	10	2	0	1	6	11	10	3	2	2	2	0	9	11	4	0
		21	-	-	8.6	0.3	10.9	96	6.6	4	0	1	4	2	20	8	12	0	0	0	0	1	3	7	0	0	0	3	17	8	3	0	1	2	1	3	14	7	0
Lancashire Squires Gate	11m.	3	1012.8	-	13.2	0.8	14.0	92	6.2	1	2	6	9	13	0	0	0	0	3	4	11	6	6	1	0	2	12	13	4	0	0	3	6	4	0	9	5	0	
		9	1013.2	-0.7	15.5	1.5	14.8	84	6.5	1	2	2	14	12	0	0	0	1	0	5	7	10	5	3	0	2	17	12	0	0	0	5	4	3	4	12	3	0	
		15	1013.3	-	17.5	2.4	15.3	76	6.2	0	3	3	21	4	0	0	0	0	1	1	5	7	9	8	0	4	13	14	0	0	1	1	2	0	2	17	7	0	
		21	1013.5	-	14.8	1.3	14.5	88	5.8	2	1	7	17	4	0	0	0	0	0	2	7	12	8	2	0	3	11	15	2	0	1	1	5	2	0	2	17	7	0
Speke	26m.	3	1013.3	-	13.2	0.8	13.8	90	5.5	1	6	5	12	7	0	0	0	0	1	4	8	6	10	2	0	0	8	17	6	1	0	6	2	5	2	9	0	0	
		9	1013.6	-	15.3	1.7	14.3	82	6.5	0	2	5	13	11	0	0	0	1	0	7	9	4	7	3	0	0	13	14	4	2	1	0	6	5	4	7	2	0	
		15	1013.4	-	18.3	3.4	14.4	69	6.2	0	2	3	24	2	0	0	0	0	0	3	5	7	6	10	0	1	13	15	2	0	0	2	3	14	5	0	3	0	
		21	1013.9	-	14.8	1.6	13.9	82	5.5	0	4	8	16	3	0	0	0	0	1	1	10	9	1	0	0	0	6	16	9	1	0	4	0	2	3	14	5	0	
Cheshire Ringway	76m.	3	1013.5	-	13.1	1.0	13.5	89	6.0	2	4	3	8	13	1	0	0	0	1	2	7	11	9	1	0	0	0	4	22	5	0	2	3	10	4	5	0	3	0
		9	1013.7	-0.4	15.4	1.9	14.1	80	6.1	0	3	6	14	8	0	0	0	1	1	6	10	10	3	0	0	0	12	14	5	0	1	1	4	8	4	6	2	0	
		15	1013.3	-	18.3	3.8	13.6	65	5.8	1	2	6	16	6	0	0	0	0	0	4	6	11	9	1	0	0	0	10	21	0	0	1	1	3	5	6	12	3	0
		21	1014.0	-	15.0	1.9	13.7	80	5.0	1	3	12	10	5	0	0	0	0	2	5	12	12	0	0	0	0	0	3	24	4	0	0	5	2	4	5	9	2	0
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1012.8	-	13.4	0.8	14.0	90	5.9	2	4	3	7	13	2	0	0	1	1	0	1	7	7	12	2	0	8	11	14	3	2	2	1	4	5	5	7	2	0
		9	1013.5	-0.5	15.4	1.6	14.6	83	6.2	1	1	7	11	11	0	0	0	0	1	1	6	6	12	5	0	0	4	14	11	2	3	0	1	1	7	6	9	2	0
		15	1013.6	-	16.8	2.3	14.7	77	6.0	0	3	5	18	5	0	0	0	0	0	1	3	6	11	10	0	0	6	10	15	0	4	1	0	1	7	6	9	2	0
		21	1013.7	-	14.3	1.0	14.4	88	6.1	1	2	3	18	6	1	0	0	0	1	0	1	4	8	9	0	0	2	11	16	2	2	2	4	1	7	5	8	0	0
Caernarvon Bardsey Island	19m.	3	1013.2	-	13.9	0.5	14.9	93	4.7	4	5	9	4	9	0	0	0	0	1	0	3	6	16	4	0	7	11	9	4	3	1	1	7	3	9	2	0	0	0
		9	1013.8	-	15.0	1.0	15.3	89	5.9	1	2	9	11	8	0	0	0	0	0	0	5	8	11	7	0	7	16	6	2	4	0	2	2	7	2	11	1	4	0
		15	1013.9	-	16.1	1.4	15.6	85	5.9	0	2	9	11	8	1	0	1	0	0	0	0	5	17	8	0	6	15	9	1	5	0	1	2	5	11	4	2	2	0
		21	1014.0	-	14.5	0.9	14.9	91	6.0	1	2	8	9	10	1	0	1	0	0	0	0	5	18	7	0	7	6	14	4	4	0	1	2	5	4	9	2	0	
8a SOUTH WALES																																							
Cardigan Aberporth	134m.	3	1013.9	-	13.1	0.9	13.6	90	5.0	0	10	4	8	8	1	0	0	1	1	2	5	9	7	5	0	2	12	15	2	0	0	0	6	8	4	8	3	0	
		9	1014.3	0.0	14.9	1.6	14.2	84	6.2	0	3	4	17	7	0	0	0	0	1	0	2	7	9	5	0	1	15	13	2	2	0	0	4	5	8	9	1	4	
		15	1014.4	-	16.0	2.2	14.0	78	6.3	1	0	8	14	6	2	0	0	0	0	1	1	7	9	11	0	1	14	15	1	1	0	0	3	2	6	14	4	0	
		21	1014.7	-	13.9	1.2	13.7	87	5.4	0	6	6	13	5	1	0	0	0	1	1	2	3	11	4	9	0	0	15	13	3	1	1	2	3	5	8	8	0	0
Pembroke Milford Haven C.B.	39m.	3	1014.4	-	14.2	0.9	14.7	90	4.0	6	8	5	3	8	1	0	1	0	0	1	0	10	12	7	0	0	3	11	15	2	2	2	4	3	4	7	5	0	0
		9	1014.9	-	15.5	1.9	14.8	84	6.4	0	0	6	18	6	1	0	0	0	1	0	1	8	12	9	0	0	1	11	18	1	1	0	4	3	3	6	7	6	0
		15	1015.2	-	17.1	2.4	15.0	76	5.9	0	1	9	17	3	1	0	0	0	1	0	1	9	8	11	1	0	2	14	15	0	1	0	3	3	8	11	2	0	
		21	1015.0	-	15.1	1.4	14.7	86	5.0	3	3	10	9	6	0	0	0	0	0	1	10	12	8	0	0	0	1	11	17	2	1	2	3	2	5	9	4	0	
Glamorgan Mumbles	37m.	3	1014.3	-	14.3	1.0	14.5	88	4.8	3	8	5	7	8	0	0	0	0	0	1	6	8	10	6	0	6	12	12	1	2	4	3	1	4	6	7	0	0	
		9	1014.8	-	15.7	1.9	14.8	80	6.0	1	1	6	15	8	0	0	0	0	1	2	8	12	6	2	0	4	11	15	1	1	0	6	3	1	7	9	3	0	
		15	1014.8	-	17.1	2.4	14.9	76	5.9	1	2	7	16	5	0	0	0	0	0	0	5	14	6	6	0	6	17	8	0	1	0	0	3	4	10	12	1	0	
		21	1015.0	-	15.4	1.5	14.7	84	5.1	1	6	9	7	8	0	0	0	0	2	5	12	5	7	0	5	13	11	2	1	0	2	2	1	8	7	0	0		
Rhoose	69m.	3	1014.7	-	13.2	0.8	13.8	91	4.1	2	12	5	2	10	0	0	0	1	0	4	7	8	8	3	0	0	8	21	2	1	3	3	2	3	7	7	0	0	
		9	1015.1	-0.2	15.8	1.6	15.0	83	5.8	0	2	9	16	4	0	0	0	0	0	4	7	6	11	3	0	0	14	14	3	0	0	5	3	0	5	14	1	0	
		15	1014.9	-	17.8	2.8	14.9	79	5.8	0	3	9	12	7	0	0	0	0	2	2	6	10	11	0	0	20	11	0	0	0	3	1	1	21	2	0	0		
		21	1015.5	-	15.0	1.4	14.5	85	5.8	0	5	4	13	9	0	0	0	0	1	1	4	9	9	7	0	0	11	19	1	1	1	0	5	1	5	11	6	0	



**TABLE VIII—NUMBER OF DAYS IN AUGUST, 1967  
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	..	..	0	0	0	25	6	0	0	0	0	0	0	0	17	14	0	Edgbaston	..	..	0	0	0	1	14	16	0	0	0	0	0	0	0	3	25	3	
Stornoway	..	..	0	0	0	10	20	1	0	0	0	0	0	2	10	19	0	Kew	..	..	0	0	0	0	10	19	2	0	0	0	0	0	2	25	4		
Craibstone	..	..	0	0	0	9	18	4	0	0	0	0	0	0	16	15	0	Hastings	..	..	0	0	0	0	23	8	0	0	0	0	0	0	2	24	5		
Rothsay	..	..	0	0	0	5	25	1	0	0	0	0	0	0	12	19	0	Southampton	..	..	0	0	0	0	8	21	2	0	0	0	0	0	0	5	23	3	
Abbotsinch	..	..	0	0	0	2	23	6	0	0	0	0	0	1	13	16	1	Stonyhurst	..	..	0	0	0	4	17	10	0	0	0	0	0	0	9	22	0		
Eskdalemuir	..	..	0	0	0	9	17	5	0	0	0	0	0	2	19	10	0	Bidston	..	..	0	0	0	3	22	6	0	0	0	0	0	0	1	29	1		
Douglas	..	..	0	0	0	4	26	1	0	0	0	0	0	9	22	0	Valley	..	..	0	0	0	2	23	6	0	0	0	0	0	0	2	29	0			
Cockle Park	..	..	0	0	0	0	24	6	1	0	0	0	0	0	4	19	8	Falmouth	..	..	0	0	0	0	27	4	0	0	0	0	0	0	5	26	0		
Gorleston	..	..	0	0	0	0	24	6	1	0	0	0	0	0	4	19	8	Aldergrove	..	..	0	0	0	4	23	4	0	0	0	0	0	0	13	18	0		
Cambridge	..	..	-	-	-	-	-	-	-	0	0	0	0	0	8	22	1	Armagh	..	..	0	0	0	2	22	7	0	0	0	0	0	0	14	17	0		

**TABLE XIII—SOLAR RADIATION AND ILLUMINATION, AUGUST, 1967**

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 .. ..	650	2	44	10	287.9	31	308	4	43	10	197.2	31	638	2	48	10	282.4	31
Eskdalemuir .. ..	630	2	97	14	325.3	31	321	7	93	14	207.4	31	676	20	106	14	346.8	31
Cambridge .. ..	687	7	106	19	396.4	31	288	11	105	19	234.5	31	-	-	-	-	-	-
London W/Centre .. ..	628	20	106	19	361.3	31	315	1	106	20	206.2	31	724	20	140	19	494.6	31
Kew .. ..	667	7	146	24	398.3	31	302	1	126	20	219.8	31	800	7	169	24	492.5	31
Bracknell .. ..	663	20	107	24	421.0	31	326	11	103	24	241.0	31	726	7	123	24	458.3	31
Aberporth .. ..	569	17	139	12	406.5	31	386	7	138	12	266.1	31	-	-	-	-	-	-

**TABLE II - CORRECTIONS TO LONDON AIRPORT**

Distribution of Mean Hourly Values of Wind Speed

YEAR	Range	January	February	March	April	May	June	July	August	September	October	November	December
1960	11 to 21 knots 4 to 10 knots Less than 4 knots										128 490	262 75	186 357
1961	22 to 33 knots 11 to 21 knots 4 to 10 knots Less than 4 knots No Record		383 29	234 396 109		404 96	130 451	137 419	222 391 125	310 267 0	338 170	208 186	146 328 244
1962	11 to 21 knots 4 to 10 knots Less than 4 knots			218 403 119	318 398 20			148 541		208 43	154 475 113	186 88	
1963	11 to 21 knots 4 to 10 knots Less than 4 knots	273 383 74					304 393			113 150	118 107		
1964	22 to 33 knots 11 to 21 knots 4 to 10 knots Less than 4 knots				9 325					193 418 104			
1965	11 to 21 knots 4 to 10 knots Less than 4 knots	332 280	213 46				244 382						301 351
1966	11 to 21 knots 4 to 10 knots Less than 4 knots	297 382 57	378 257					225 446 73				270 349	

YEAR	MONTH	STATION	Max. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a Day	Precip'n	0.2 mm. or more	0.1 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																			Amount (mm.)	Date	0.2 mm. or more	0.1 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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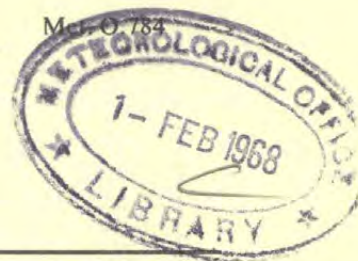
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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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



Volume 84 Number 9

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### September 1967 — *Unsettled; generally cool but mild during last week*

Weather was mainly cyclonic in character, except from the 7th until the 16th, when a ridge of high pressure extended from the Azores across the British Isles to southern Scandinavia.

A succession of fronts and depressions moving eastwards across the country brought generally unsettled and rather cool weather during the first five days of the month. Rain on the 1st, which continued in most districts until the early hours of the following morning, was associated with a vigorous depression skirting the coast of Scotland. Showers followed the rain later in the day, but early on the 3rd another deep depression from the Atlantic brought further rain, heavy at times, with strong to gale force winds. The stormy weather gave place temporarily to showers and sunny periods spreading from the west, but an intense depression moving eastwards across southern Scotland brought a return of the stormy weather on the 5th with periods of heavy rain and severe gales. Gusts exceeding 70 kt were recorded in both western and southern coastal districts. These first five days were particularly wet in the north-west; Tiree, for example, recorded 75 mm of rain during this time.

As the intense depression moved away up the Norwegian Sea, pressure rose considerably over the British Isles on the 6th and 7th, and weather became showery with good sunny periods in all districts. The showers, however, slowly became less frequent, and by the 8th had died out completely as a ridge of high pressure spread from the Azores across the British Isles to southern Scandinavia. The 8th and 9th were dry and sunny in most places after the clearance of overnight fog.

The ridge of high pressure over the British Isles moved southwards late on the 9th ahead of a slow-moving trough of low pressure which brought rain to parts of Scotland. The rain became more widespread and locally heavy on the 11th as the trough deepened and developed later into a separate depression over western districts. This developing depression gave 60 mm of rain at Aberporth in 36 hours. The next day the depression moved away southwards into France and weather became fine and sunny again.

The fine sunny weather behind the depression continued over most of the country on the 13th and 14th, both days having more than 10 hours of sunshine in many western districts. North-easterly winds, however, associated with a depression over France, brought dull weather with outbreaks of thundery rain to south-east England. The 15th and 16th were cloudy due to a slow-moving trough approaching western Ireland, but weather remained mainly dry until the 17th when the trough brought occasional rain to many areas as it moved eastwards across the country. Good clearances in the cloud the previous evening led to a sharp fall in temperature and to widespread fog in the Midlands on the night of the 16th/17th. Another trough, associated with a depression approaching western Scotland, brought rain to all districts on the night of the 18th/19th.

Early on the 20th the low pressure to the west of Scotland was transferred to the northern North Sea, and the north-westerly winds on the western flank of the depression brought cooler, brighter weather to all districts on the 20th and 21st. The 22nd was also a mainly sunny day, but thereafter a deep depression, which became almost stationary to the west of Ireland, maintained rather cloudy weather for the rest of the month. Southerly winds associated with this depression brought progressively rising temperatures to most areas, but most days were wet during this last week. Rain was particularly widespread on the 24th and 25th as wave depressions moved north-east across the country, and also on the 29th as a trough of low pressure moved from the west of Scotland to the North Sea. The last day of the month, however, was brighter with scattered showers.

**Pressure and Wind** — Mean pressure was everywhere below the 1931-60 average, the deficit at 0900 GMT ranging from -2.5 mb at Lerwick to -5.3 mb at Prestwick and Ballykelly. Surface winds were mainly westerly until the 20th except for north-westerlies on the 7th and a period of light, variable winds from the 8th until the 16th. North-westerly winds on the 21st and 22nd were followed by southerlies which continued in most districts until the end of the month. Winds reached

gale force in southern England on the 3rd and 4th and gales extended to most of the country on the 5th. In England and Wales and also in Scotland gales were reported on 6 days. Gusts of 70 and 73 kt were recorded at Portland Bill and Valley respectively on the 5th.

**Temperature** — Mean temperature was mainly below the average until the 23rd except for 4 or 5 milder days around the middle of the month in northern districts. A return to warmer weather during the last week was insufficient to bring the mean temperature up to the normal for the month.

Extremes included: (England and Wales) 24.4°C at Southend on the 28th -0.6°C at Santon Downham on the 8th and at Moor House on the 14th; (Scotland) 21.7°C at Grantown-on-Spey on the 10th -2.5°C at Crawfordjohn on the 8th; (Northern Ireland) 20.2°C at Strabane Convent on the 14th, 1.5°C at Moneydig on the 23rd.

**Rainfall** — In Scotland rainfall was below the 1916-50 average in parts of the north-east and in the Central Lowlands, but above the average elsewhere. In England and Wales rainfall was below the average in East Anglia and Lincolnshire, in parts of adjacent counties and also in coastal areas of Northumberland and Durham; elsewhere it was above the average, and as much as twice the average around Bath and Torquay.

Thunder was heard on 16 days in England and Wales. Thunderstorms were widespread in south-east England on the 18th and in central and western districts of England and Wales, and also in Scotland on the 26th.

**Sunshine** — In Scotland sunshine was below the 1931-60 average except in the counties of Ayr, Lanark and Dumfries. The dullest parts were in the extreme north-east and in the Northern Isles where Lerwick had its dullest September since records began there in 1923. In England and Wales sunshine was below the average in the east but above average in some western districts. Percentages ranged from 124 at Hartland Point to 68 at Raunds.

**Fog** — Fog at 0900 GMT was reported from one place or another on 3 days in Scotland and on 25 days in England and Wales. On the night of the 22nd/23rd patches developed in parts of northern England and southern Scotland and persisted in places for much of the following morning. Fog also developed fairly widely during the early hours of the 17th in the Midlands, in parts of eastern and southern England and in eastern Scotland; this, too, was slow to clear.

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

TABLE 1—DISTRICT VALUES, SEPTEMBER, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
Difference from Average							% of Average			
0 SCOTLAND, N.	19.4	2.8	+0.2	+0.5	+0.3	+0.4	-0.1	-3	118	67
1 SCOTLAND, E.	21.1	3.9	-0.2	+0.5	+0.1	+0.4	-0.1	+2	88	89
2 ENGLAND, N.E.	21.7	3.3	-0.5	+0.2	-0.2	+0.3	+0.3	+3	94	85
3 ENGLAND, E.	22.8	3.9	-0.6	+0.4	-0.1	-0.1	0.0	+4	94	83
4 MIDLANDS	22.2	2.8	-0.8	+0.4	-0.2	+0.1	+0.1	+4	106	83
5 ENGLAND, S.E.	22.2	2.2	-0.6	+0.6	0.0	-0.3	-0.3	+5	149	82
6 SCOTLAND, W.	19.3	0.9	+0.1	+0.2	+0.1	+0.5	0.0	0	124	93
7 ENGLAND, N.W. and N. Wales	21.1	2.2	-0.4	+0.1	-0.2	+0.4	+0.2	+4	140	101
8 ENGLAND, S.W. and S. Wales	20.0	1.1	-0.7	+0.2	-0.3	-0.2	-0.2	+6	177	96
N. IRELAND	20.0	1.5	-0.1	-0.3	-0.2	-	-	+2	145	105
SCOTLAND	21.1	0.9	0.0	+0.4	+0.2	-	-	0	110	83
ENG. and WALES	22.8	1.1	-0.6	+0.3	-0.2	-	-	+4	129	88

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER 1967

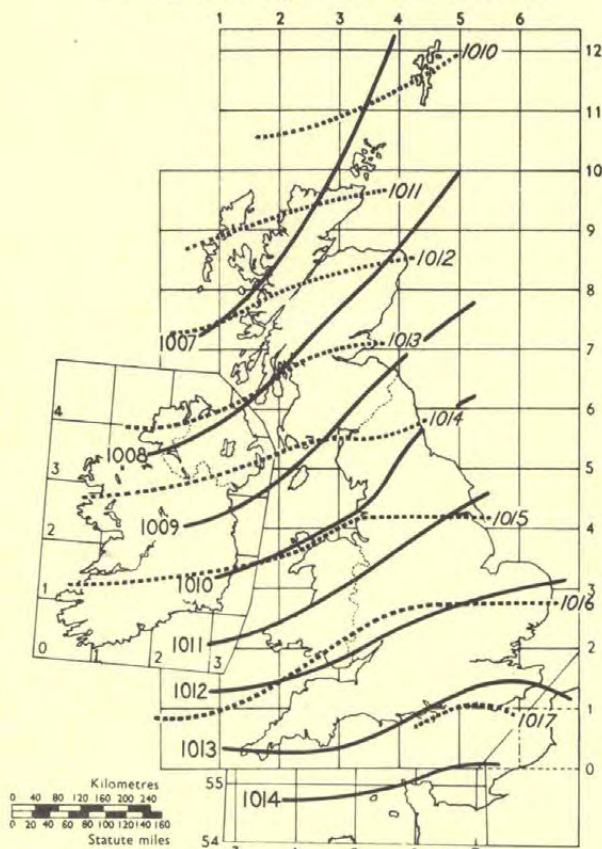
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time			
6	Zetland	Lerwick	93	10	10	-	0	3	14	283	366	57	0	9.7	230	33	30	22	250	47	30	2145
	Orkney	Kirkwall	41	15	10	2	4	6	44	278	330	64	0	10.8	280	40	2	18	270	57	2	1805
	Caithness	Dounreay	34	12	9	2, 5, 6	11	14	71	369	269	0	0	13.8	290	39	6	09	290	53	6	0835
		Wick	45	10	10	-	0	5	34	215	333	138	0	9.2	290	29	6	06	280	47	2	1705
	Sutherland	Shin	24	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	2	1	8	73	313	189	144	0	11.3	270	34	2	06	280	49	2	0820
		Duirinish	38	20	17	-	0	5	19	142	339	200	20	7.0	300	33	2	12	300	50	2	0910
	Inverness	Benbecula	16	10	10	2, 5	8	12	77	389	227	19	0	13.8	260	38	2	09	260	56	2	0845
		Fort Augustus (N.S.H.E.A.)	58	16	16	-	0	1	3	72	292	353	0	4.4	230	28	2	12	230	47	2	1110
		Cairngorm	1074	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1	Moray	Kinloss	17	13	13	2	1	5	30	207	369	113	0	8.8	250	34	2	12	250	50	2	1100
		Lossiemouth	31	24	18	2	1	3	26	151	324	215	3	7.2	250	34	2	12	250	55	2	1130
	Aberdeen	Dyce	71	9	9	-	0	2	8	227	276	209	0	8.0	250	26	2	12	270	46	2	1435
	Angus	Bell Rock	39	40	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Perth	Rannoch	307	17	17	-	0	4	21	207	269	220	3	7.7	270	33	2	17	270	49	2	1625
		Tummel Bridge	161	16	16	-	0	1	4	60	301	355	0	4.2	270	26	2	12	280	47	2	1130
	Fife	Leuchars	24	12	12	-	0	4	20	154	376	170	0	8.0	250	30	2	12	250	48	2	1145
	West Lothian	Forth Road Bridge...	72	9	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Midlothian	Turnhouse	42	12	10	-	0	3	15	123	387	195	0	6.9	260	28	2	14	260	47	2	1255
		Edinburgh, Blackford Hill	151	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6a	Argyll	Tiree	27	18	14	5	1	17	164	305	126	124	0	14.0	310	34	5	15	250	52	2	0850
	Dunbarton	Cumbernauld	166	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renfrew	Paisley	57	25	9	-	0	0	0	86	279	355	0	4.7	290	19	2	16	280	45	2	1245
		Abbotsinch	16	10	10	-	0	3	13	116	373	218	0	6.9	250	26	2	10	260	44	2	1055
	Lanark	Lowther Hill	736	13	10	5	1	12	96	300	251	72	0	12.8	290	35	5	20	250	51	30	1900
	Ayr	Hunterston	13	9	9	-	0	1	1	116	275	328	0	5.4	270	22	30	14	270	33	30	1520
		Prestwick	21	10	10	-	0	2	14	202	306	198	0	7.8	290	24	5	19	260	40	2	1220
	Dumfries	Chapelcross	94	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Eskdalemuir	251	15	11	-	0	2	8	142	239	331	0	6.0	210	24	25	11	250	44	2	1015
	Wigtown	West Freugh	25	10	10	-	0	4	16	300	289	115	0	9.9	180	28	4	24	180	53	4	2350
6b	Isle of Man	Ronaldsway	25	10	10	5	5	8	59	256	276	124	0	10.9	190	39	5	06	200	54	5	0640
		Point of Ayre	20	10	10	-	0	11	107	332	213	68	0	13.0	140	33	4	23	150	48	4	2315
2	Durham	Durham	119	16	10	-	0	1	2	136	270	291	21	5.9	220	24	5	10	220	51	5	1105
		South Shields	22	17	13	-	0	0	0	158	372	190	0	6.9	180	20	5	11	150	38	5	1110
	Yorks, N.R.	Leeming	42	10	10	-	0	2	10	215	347	148	0	8.2	200	28	5	11	190	43	5	1020
		Silpho Moor...	207	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lincoln	Cranwell	76	12	12	5	1	2	19	163	279	258	0	7.1	210	34	5	13	210	53	5	1120
		Binbrook	118	10	10	5	2	6	35	328	296	59	0	11.0	200	36	5	11	200	56	5	1035
		Manby	26	10	10	-	0	1	14	281	346	79	0	9.4	220	29	5	13	210	46	5	1220
3	Norfolk	Gorleston	16	13	13	5	5	3	20	313	273	31	78	11.6	170	40	5	07	170	57	5	0620
	Suffolk	Mildenhall	30	25	18	-	0	1	10	166	355	189	0	7.3	230	30	5	14	230	54	5	1400
	Bedford	Bedford	98	13	9	-	0	1	15	235	375	85	10	9.1	210	29	5	11	210	53	5	1035
		Cardington	69	41	41	5	7	7	48	323	268	74	0	11.6	220	40	5	12	220	59	5	1300
	Hertford	Garston	94	15	10	-	0	1	1	65	470	184	0	5.6	210	23	5	12	210	51	5	1230
		Rothamsted	141	13	10	-	0	0	0	33	420	267	0	5.0	230	20	5	12	230	49	5	1110
	Essex	Stansted	107	9	9	-	0	1	12	208	357	143	0	8.1	220	28	5	12	210	47	5	1245
		Coryton	20	17	15	-	0	1	9	231	365	85	30	8.8	220	27	5	14	220	51	5	1325
		Shoeburyness	36	32	28	5	9	6	38	420	225	19	9	13.0	180	39	5	04	220	55	5	1055
4	Yorks, W.R.	Sheffield	162	25	11	-	0	0	0	39	261	372	48	3.7	210	18	5	13	240	42	5	1640
	Warwick	Edgbaston	196	36	22	-	0	1	1	112	540	67	0	7.3	180	22	5	10	240	44	5	1415
		Elmdon	105	9	9	-	0	2	14	228	412	66	0	9.3	240	28	5	15	220	47	5	1215
	Buckingham	Amersham	152	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stafford	Keele	215	15	10	-	0	1	1	103	408	208	0	6.1	230	22	5	12	230	51	5	1130
	Worcester	Pershore	47	10	10	-	0	3	23	261	328	108	0	9.5	230	32	5	12	230	51	5	1025
	Gloucester	Avonmouth	28	19	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Greater London	London W/Centre	93	70	38	-	0	1	10	295	361	54	0	9.8	230	26	5	14	220	49	5	1245
		Heathrow	35	10	10	-	0	1	13	229	403	75	0	8.9	220	32	5	12	230	51	5	1145
		Hampton	42	31	30	-	0	1	8	153	381	178	0	7.3	220	31	5	13	220	54	5	1335
		Kew	28	23	15	-	0	1	6	124	380	210	0	6.5	210	29	5	13	200	50	5	1150
	Surrey	Gatwick	69	10	10	-	0	1	10	129	382	199	0	6								



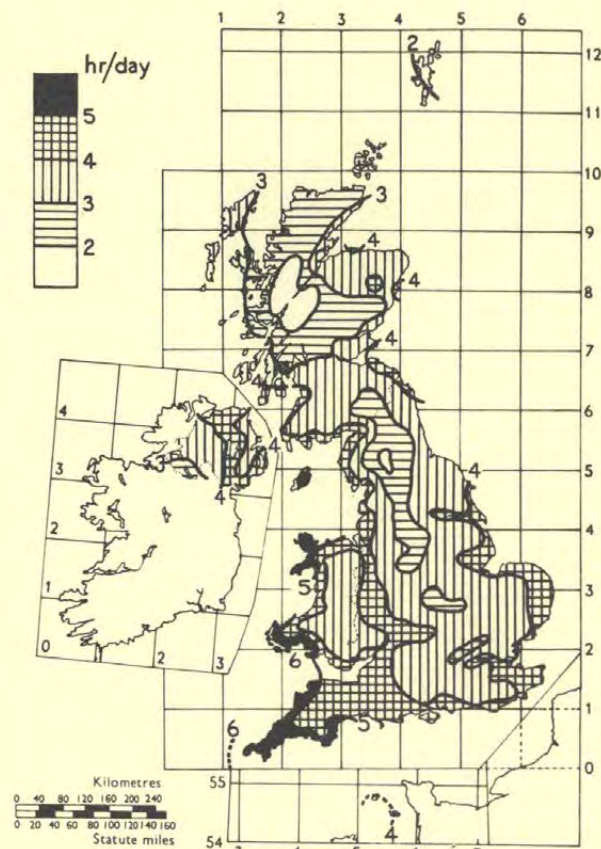
# MONTHLY WEATHER CHARTS SEPTEMBER 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-1960

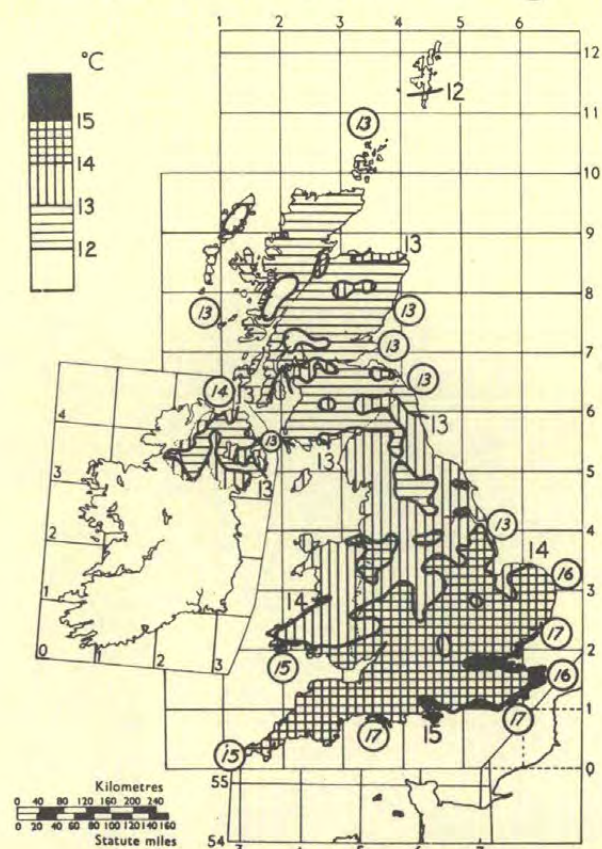


## BRIGHT SUNSHINE



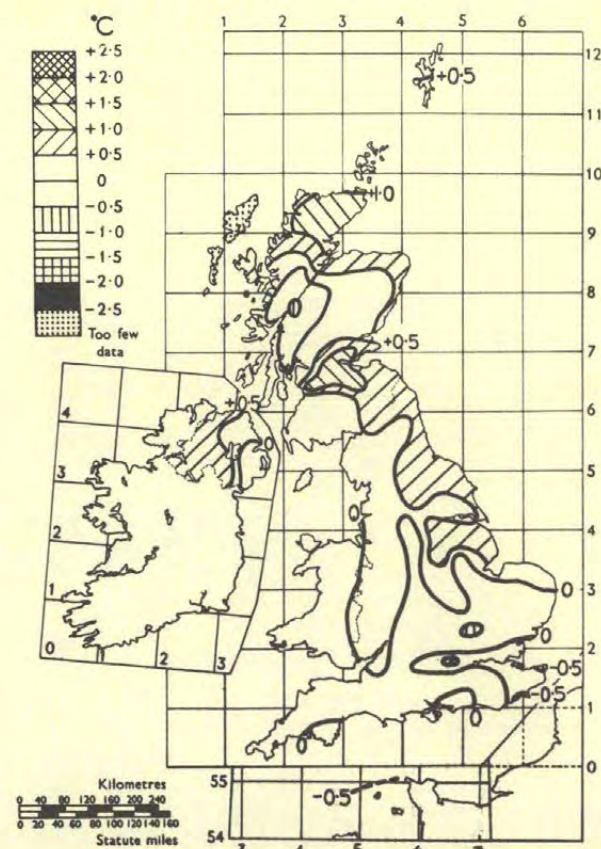
## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE

(based on 1931-1960 averages)





# RAINFALL SEPTEMBER 1967

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

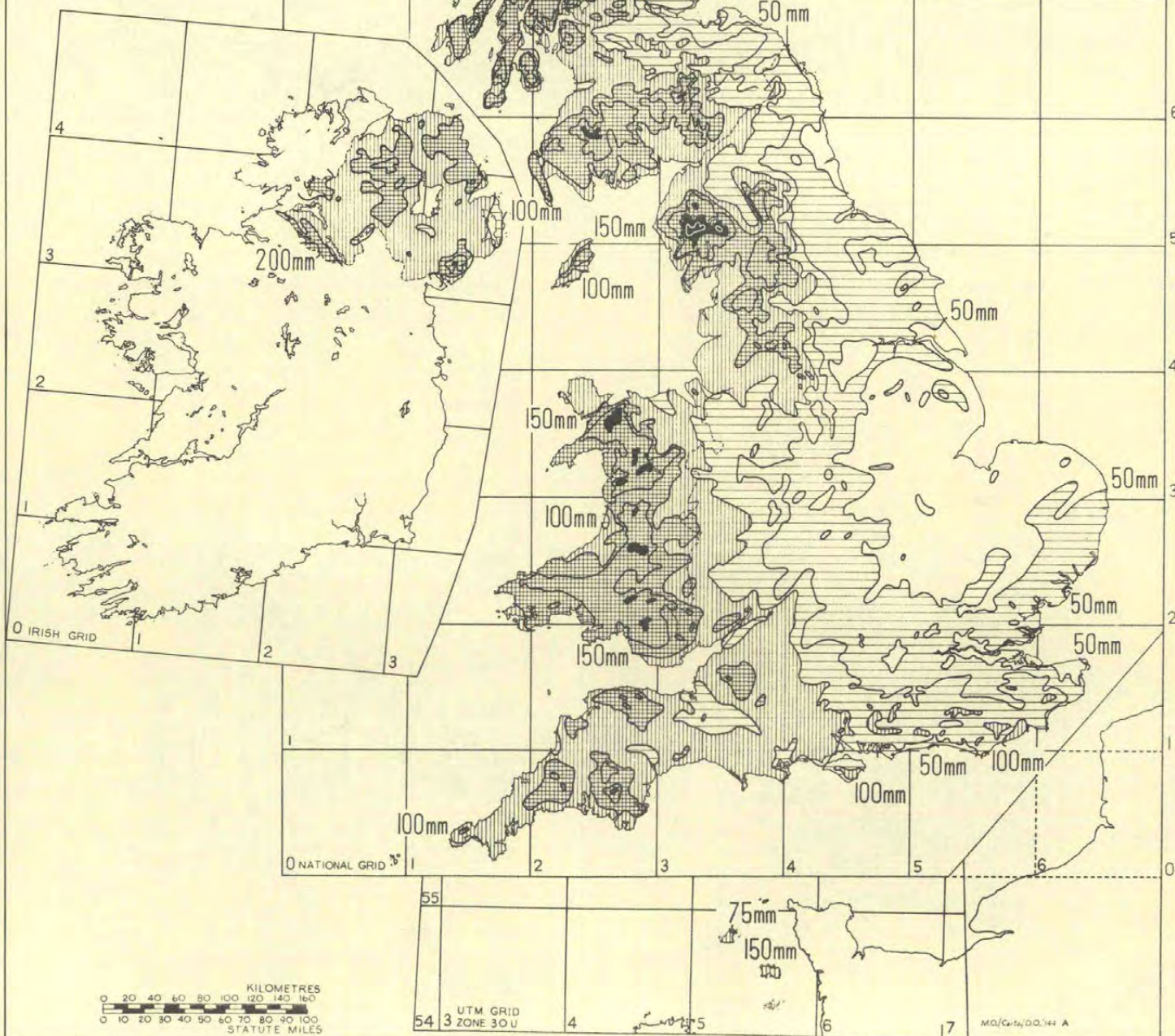
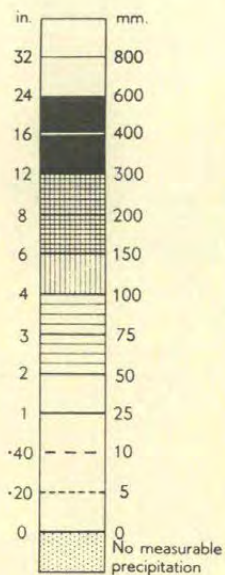








TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE					
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM								Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Precip'n 0.2 mm. or more, 1.0 mm. or more or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date																						
															30 cm.	122 cm.																		
2 ENGLAND, N.E.																																		
Northumbria	Kielder Castle ...	9 9	201	15.4	7.1	11.3	-	18.9	1	0.6	1, 14	13.6	-	120	108	21	29	18	16	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Haydon Bridge ...	9 9	79	16.8	8.4	12.6	-	21.1	26	2.8	14	14.3	14.1	58	-	13	29	16	12	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Corbridge ...	9 9	49	16.5	8.7	12.6	-	20.0	26	3.9	7	-	-	52	-	11	26	15	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Berwick-on-Tweed †	9 9	23	15.3	9.4	12.3	-0.1	20.0	10	5.0	7	-	-	34	67	7	21	11	9	0	0	0	0	0	0	0	0	0	0	0	4.12	91	-	
	Cockle Park ††	9 9	99	16.5	(8.6)	(12.5)	(+0.4)	21.1	10	3.3	8, (14)	12.6	-	57	92	8	26	16	14	0	0	0	0	0	0	0	0	0	0	0	3.44	82	-	
Durham	Acklington ...	21-9	42	15.8	8.6	12.2	-	19.6	10	2.7	14	-	-	55	96	9	42	17	11	0	0	0	0	0	0	0	0	0	0	0	4.04	-	-	
	Tynemouth ...	21-9	29	15.3	10.7	13.0	-0.2	19.4	25	7.5	14	-	-	36	61	8	2	13	8	0	0	0	0	0	0	0	0	0	0	1	3.44	83	-	
	Seahouses ...	21-9	11	15.3	9.6	12.5	-	18.6	25	5.0	14	-	-	44	-	8	4	14	9	0	0	0	0	0	0	0	0	0	0	0	4.16	-	-	
	Chopwellwood ...	9 9	136	15.9	8.8	12.3	-0.2	19.4	11	3.3	14	-	-	71	113	10	26	15	14	0	0	0	0	0	0	0	0	0	0	1	0	-	S	
	Ushaw College ...	9 9	181	15.8	8.7	12.3	-0.2	18.9	11	4.4	14	-	-	59	89	14	4	18	15	0	0	0	0	0	0	0	0	0	0	4	-	2	-	
Yorks., N. Riding	Houghall ...	9 9	37	16.6	8.6	12.6	0.0	20.6	26	4.4	1, 7, 9	-	-	54	87	10	4	17	13	0	0	0	0	0	0	0	0	0	0	0	3.67	91	S	
	Durham ††	9 9	102	16.6	8.4	12.5	-0.2	20.0	26	5.0	14	14.3	13.8	53	88	12	22	17	12	-	0	-	-	-	-	0	0	0	0	-	3.40	83	-	
	Hartlepool ...	9 9	9	16.5	10.2	13.3	-	20.6	26	6.7	1	-	-	49	89	8	2	15	12	0	0	0	0	0	0	0	0	0	0	1	3.78	-	-	
	Thirsk ...	9 9	34	16.8	8.7	12.7	-	20.6	8, 25	3.3	8	-	-	69	-	11	26	19	16	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Leeming ...	21-9	32	16.8	9.5	13.1	-	20.6	26	5.3	8	-	-	56	-	11	4	15	12	0	0	0	0	0	0	0	0	0	0	0	3.29	-	-	
Yorks., E. Riding	York (Heslington)	9 9	20	17.0	9.9	13.5	-	21.1	26	4.4	9	14.2	14.2	56	-	10	25	17	12	-	0	-	-	-	-	1	0	0	0	-	3.37	-	-	
	Ampleforth ...	9 9	95	16.2	(9.6)	(12.9)	(-0.2)	18.3	25	5.6	8	-	-	70	108	11	25	18	14	0	-	0	0	0	0	0	0	0	0	0	-	-	-	
	Redcar ...	9 9	8	16.7	10.3	13.5	-	21.1	26	7.8	1, 9	-	-	53	102	15	2	17	11	-	0	-	-	-	1	0	0	0	-	3.91	-	-		
	Pickering ...	9 9	44	16.8	8.7	12.7	-	20.0	11	4.4	1, 8, 20	-	-	80	-	13	4	20	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Whitby ...	9 9	41	16.3	10.7	13.5	-0.6	19.4	25	7.8	23	15.1	14.4	70	132	29	19	17	13	0	0	0	0	0	0	0	0	0	0	0	3.71	82	-	
Lincoln	Scarborough ††	9 9	36	16.3	10.7	13.5	-0.6	19.4	25	7.8	23	15.1	14.4	70	132	29	19	17	13	0	0	0	0	0	0	0	0	0	0	0	3.71	82	-	
	Silpho Moor ...	9 9	203	15.1	8.8	11.9	-	18.3	25	4.4	23	12.4	-	86	125	18	19	23	17	0	0	0	0	0	0	0	0	0	0	0	3.91	-	-	
	Whitby C'Guard	21-9	63	15.2	10.1	12.7	-	19.1	25	6.0	23	-	-	59	-	9	4	17	13	0	0	0	0	0	0	0	0	0	0	1	-	-	-	
	High Mowthorpe	9 9	175	15.7	9.8	12.7	-	18.9	26, 27	6.1	8	13.6	-	80	154	23	19	20	10	-	0	-	-	-	1	0	0	0	0	0	3.32	-	-	
	Hull ... ††	9 9	2	17.8	10.9	14.3	-0.1	21.7	26	6.7	8	14.7	14.5	47	90	13	29	19	8	0	0	0	0	0	0	0	0	0	0	0	3.91	90	-	
Lincoln	Leconfield ...	21-9	7	17.2	10.3	13.7	-	21.0	26	5.3	9	-	-	59	-	18	19	18	12	0	0	0	0	0	0	0	0	0	0	1	3.50	-	-	
	Filey ...	9 9	37	15.8	10.0	12.9	-	19.4	25, 29	5.0	9	-	-	58	105	20	19	14	10	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Bridlington ...	9 9	48	16.1	(9.8)	(12.9)	-	(19.4)	25	(6.1)	1, (8)	-	-	54	93	19	19	19	7	0	0	0	0	0	0	0	0	0	0	2	4.15	-	-	
	Kilnsea ...	21-9	12	16.1	11.0	13.5	-	20.0	25	6.5	8	-	-	40	-	9	19	15	10	0	0	0	0	0	0	0	0	0	0	5	4.45	-	-	
	Waddington ...	21-9	68	17.3	9.9	13.6	-0.2	20.6	26	4.4	8	-	-	33	-	6	29	18	14	0	0	0	0	0	0	0	0	0	0	0	1	3.87	-	-
Suffolk	Lincoln ...	9 9	7	17.6	9.1	13.3	-	21.1	26	0.6	8	14.8	14.5	36	73	7	29	16	11	0	0	0	0	0	0	0	0	0	0	2	3.84	-	-	
	Cranwell ††	9 9	62	17.3	9.8	13.5	-0.3	21.2	26	5.1	8	14.4	14.7	35	69	6	19	16	10	0	0	0	0	0	0	0	0	0	0	1	4.12	90	-	
	Brigg ...	9 9	3	17.8	9.5	13.7	-	21.7	26	2.2	8	-	-	45	-	13	29	18	12	0	0	0	0	0	0	0	0	0	0	2	1	-	-	
	Caistor ...	9 9	30	(17.7)	(9.4)	(13.5)	-	21.7	26	2.8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Binbrook ...	21-9	108	16.8	10.2	13.5	-	20.7	26	6.1	8	-	-	50	-	10	17	19	12	0	0	0	0	0	0	0	0	0	0	1	1	-	-	
Suffolk	Cleethorpes ...	9 9	7	17.4	(10.9)	(14.1)	(-0.3)	20.6	2, 25, 29	7.2	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	-	-	3.51	73	-		
	Manby ...	21-9	17	17.7	10.0	13.9	-	22.3	26	5.7	9	14.9	-	37	76	7	16	16	10	0	0	0	0	0	0	0	0	0	0	0	3.88	-	-	
	Skegness ...	9 9	5	(18.2)	10.2	(14.2)	(0.0)	21.1	27, 28	5.0	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1	4.98	103	-	-			
	3 ENGLAND, E.																																	
	Norfolk	Terrington St. Cl.	9 9	4	17.8	9.9	13.9	-	22.8	26	2.8	21	14.2	-	27	59	4	3	20	11	0	0	0	0	0	0	0	0	0	0	2	3.87	-	-
Santon Downham		9 9	24	18.5	8.3	13.4	-	23.3	26	-0.6	8	14.2	13.9	43	70	13	14	16	11	-	0	-	-	-	-	1	-	0	-	3.13	-	-		
West Raynham ...		21-9	76	17.6	10.2	13.9	+0.1	22.4	26	4.1	21	-	-	49	72	7	3	15	12	0	0	0	0	0	0	0	0	0	0	1	3.93	-	-	
East Dereham ...		9 9	53	18.4	10.2	14.3	-	23.4	26	5.3	21	-	-	36	-	6	29	15	11	0	0	0	0	0	0	0	0	0	0	0	1	-	-	
Cromer ...		9 9	54	17.6	10.5	14.1	-0.6	21.7	26	6.1	22	-	-	37	62	6	29	16	11	-	0	-	-	-	-	0	0	0	0	-	-	-	-	
Suffolk	Sprowston ††	9 9	28	18.3	10.0	14.1	-0.2	22.8	26	4.4	9	14.3	-	54	93	8	29	15	11	0	0	0	0	0	0	0	0	0	0	0	1	4.18	87	-
	Coltishall ...	21-9	17	18.3	10.3	14.3	-	22.4	26	3.7	23	-	-	42	-	8	29	16	9	0	0	0	0</											



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER.

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. in GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE							
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a Day	Precip'n 0.2 mm. or more 1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date																							
4 MIDLAND COUNTIES																																		
Yorks.	Slaidburn	99	192	15.3	(8.3)	(11.8)	-	18.3	26	3.3	8.9	-	-	205	139	37	5	22	18	0	0	0	0	0	0	0	0	0	0	-	-	-		
W. Riding	Malham Tarn	99	395	13.0	7.8	10.4	-	16.1	26	4.4	8	12.8	-	175	136	28	5	17	15	0	0	1	0	1	3	0	2	0	2.76	-	-	-		
	Huddersfield	99	99	16.7	9.5	13.1	-	21.1	26	3.9	8	14.2	14.1	93	148	24	5	16	14	-	0	-	-	2	0	0	-	3.09	83	-	-	-		
	" Oakes	21-9	235	15.3	9.0	12.1	-	19.8	25, 26	4.7	8	13.3	12.7	122	165	31	5	22	15	0	0	0	0	3	4	0	1	1	2.85	75	-	-	-	
	Bradford	99	134	15.9	9.4	12.7	-0.4	20.6	26	4.4	8	14.0	14.1	98	148	14	5	19	16	0	0	0	0	1	2	0	1	1	-	-	-	S		
	Ilkley	99	96	16.4	(9.2)	(12.8)	(-0.3)	20.0	26	3.9	8	-	-	86	116	12	25	16	14	0	0	0	0	2	3	0	-	3.09	80	-	-	-		
	Sheffield	99	131	17.0	9.5	13.3	-0.5	21.1	26	5.0	8, 9, 10	14.2	14.4	(62)	(105)	10	5	(17)	(14)	0	0	0	0	1	-	0	0	0	2.95	76	-	-	-	
	Pontefract	99	78	16.7	9.9	13.3	-0.2	20.6	26	6.1	8	-	-	48	96	9	25	18	16	0	0	0	0	1	1	0	0	0	-	-	-	-	-	
	Bramham	99	54	16.9	8.8	12.9	-	20.6	26	3.3	8	-	-	83	184	24	2	18	14	0	0	0	0	1	4	0	0	0	3.18	-	-	-	-	
	Cawood	99	6	17.1	9.1	13.1	-	21.1	26	3.3	8	14.2	14.5	55	106	13	26	18	11	0	0	0	0	1	2	0	0	0	3.96	-	-	-	-	
	Askham Bryan	99	34	17.3	9.4	13.3	-	20.6	26	4.4	8	-	-	63	115	14	4	18	11	0	0	0	0	0	2	0	0	0	3.34	85	-	-	-	
Derby	Buxton	99	307	14.4	8.7	11.5	-0.3	16.7	28	2.2	8	12.7	13.3	116	116	19	3	19	16	0	0	0	0	0	5	0	0	1	-	-	-	-	-	
	Derby	99	48	17.7	10.3	14.0	-	21.7	26	3.9	8	-	-	65	107	10	25	19	15	0	0	0	0	0	1	0	0	1	3.35	-	-	-	-	
	Morley	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Chesterfield	99	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	99	48	17.7	9.6	13.7	+0.1	21.7	26	1.7	8, 21	14.1	14.3	47	100	6	4	21	16	0	0	0	0	1	0	0	4	0	3.84	96	-	-	-	
	Watnall	21-9	118	17.4	10.0	13.7	+0.1	21.8	26	4.3	8	-	-	52	93	9	29	20	12	0	0	0	0	0	2	0	1	1	3.01	75	-	-	-	
	Nottingham T.C.*	99	48	17.7	10.0	13.9	-	21.1	26	3.3	8	-	-	36	-	5	25	16	12	-	-	-	-	-	3	0	1	-	(3.42)	-	-	-	-	
	Mansfield	99	110	16.6	10.1	13.3	-0.3	20.0	1, 26	4.4	8	14.0	-	54	100	11	25	15	12	0	0	0	0	0	1	0	0	0	-	-	-	-	-	
	Nottingham	99	59	17.4	10.5	13.9	-0.3	21.7	26	5.0	21	14.8	15.4	36	72	9	29	17	11	0	0	0	0	1	0	0	0	0	3.39	87	-	-	-	
	Warsop	99	46	17.7	8.5	13.1	-	21.1	26	0.0	8	-	-	57	124	8	25	18	14	0	0	0	0	0	1	1	4	0	3.49	-	-	-	-	
	Finningley	21-9	10	18.0	10.2	14.1	+0.2	22.2	26	5.8	8	-	-	49	-	10	19	17	11	0	0	0	0	0	0	0	0	0	3.54	-	-	-	-	
Leicester	Newtown Linford	99	119	16.8	9.3	13.1	-	20.6	26	3.9	21	-	-	62	113	7	29	21	18	0	0	0	0	1	1	0	3	0	3.15	-	-	-	-	
	Caldecott	99	53	18.3	9.4	13.9	-	21.7	26, 28	1.1	8	-	-	38	79	5	25	19	12	-	-	-	-	-	0	0	0	-	3.40	-	-	-	-	
Northampton	Bugbrooke Mills	99	69	18.0	8.9	13.5	-	21.7	10	1.1	22	14.0	13.9	50	96	7	25	16	15	-	-	-	-	3	0	-	-	3.24	-	-	-	-		
	Raunds	99	59	17.8	9.7	13.7	-0.3	22.2	26	2.8	8	15.0	14.4	34	64	5	14	16	9	-	0	-	-	3	0	0	-	2.94	68	-	-	-		
Warwick	Birmingham K.E.S.**	99	137	17.3	(9.7)	(13.5)	-	21.7	25	5.0	8, 21	-	-	72	114	12	29	20	15	0	0	0	0	0	2	0	-	0	-	-	-	-	-	
	Edgbaston	21-9	163	16.8	10.6	13.7	-0.1	20.3	26	7.0	21	12.7	12.9	72	114	12	29	20	15	0	0	0	0	1	1	0	0	0	3.42	88	-	-	-	
	Luddington	99	42	18.1	9.5	13.8	-	20.6	28	1.7	8	-	-	61	113	12	18	19	14	0	0	0	0	0	0	0	2	0	3.71	-	-	-	-	
	Stratford on Avon	99	49	18.4	9.2	13.8	-	21.7	28	1.7	8	15.1	-	73	174	11	27	20	16	0	0	0	0	0	0	0	0	3	3.87	-	-	-	-	
	Elmdon	21-9	97	17.5	9.3	13.4	0.0	20.8	26	1.5	8	-	-	63	115	11	25	21	15	0	0	0	0	1	1	0	3	0	3.52	-	-	-	-	
	Shipston on Stour	99	111	17.2	9.9	13.5	-	20.0	26, 28	4.4	8	14.1	-	76	127	10	18	22	18	0	0	1	1	1	0	3	1	3.82	-	-	-	-	-	
	Wellesbourne	99	47	(17.7)	(9.7)	(13.7)	-	21.1	1, 26	2.8	8	-	-	62	107	11	18	19	17	0	-	0	0	-	-	0	-	0	3.45	-	-	-	-	-
	Coventry	99	107	(17.2)	(10.1)	(13.7)	-	20.6	26	4.4	8	(14.1)	(13.9)	76	-	12	26	18	15	0	-	0	0	0	1	0	-	0	(2.99)	-	-	-	-	-
	Moreton Morrell	99	85	17.6	9.9	13.7	-	21.1	26	3.9	8, 21	-	-	61	105	9	18	21	17	0	0	0	0	0	2	0	1	1	3.82	-	-	-	-	-
	Rugby	99	117	17.1	9.8	13.5	-0.1	20.0	26, 28	3.9	21	14.6	15.2	53	97	11	18	17	13	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Oxford	Oxford	99	63	17.7	10.9	14.3	-0.1	20.0	1, 25, 28	3.3	21	15.3	15.4	59	105	12	25	18	11	0	0	0	0	1	0	0	0	1	3.88	88	-	-	-	
Buckingham	Medmenham	99	30	18.2	9.5	13.9	-	21.7	26	1.7	8, 21	-	-	55	-	15	25	16	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Grendon Underwood	99	67	17.8	9.3	13.5	-	21.1	26, 28	1.1	21	15.2	15.1	48	-	8	4	19	12	0	0	0	0	-	0	0	1	0	3.87	-	-	-	-	-
	Aylesbury	99	96	(17.4)	(10.2)	(13.8)	-	21.7	26	3.3	21	-	-	45	80	7	4	14	10	0	0	0	0	0	1	0	0	1	-	-	-	-	-	
	Bletchley	99	86	(17.9)	(10.2)	(14.1)	-	21.7	26	2.8	21	-	-	47	-	9	4	18	10	0	0	0	0	0	1	0	-	0	-	-	-	-	-	-
Stafford	Keele	99	179	16.3	9.3	12.8	-	19.4	26	6.1	8, 14, 21	13.7	13.4	94	138	13	29	21	18	0	0	0	0	1	2	1	0	0	0	3.17	-	-	-	-
	Oaken	99	12																															



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1967

DISTRICT, COUNTY AND PLACE		Max. Min. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE			
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
					A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																		
																			30 cm.	122 cm.												
7a ENGLAND, N.W.—cont.																																
Lancashire —cont.	Grizedale ...	99	91	16.4	8.0	12.2	-	18.9	13,17,26	1.7	8	-	-	231	-	40	5	21	21	0	-	0	0	1	1	0	9	1	-	-	-	
	Speke ...	21-9	22	17.5	10.7	14.1	-	20.0	26	6.1	8	-	-	104	144	11	2	20	18	0	0	0	0	1	1	0	0	0	4.08	-	-	
	Kirkham ...	99	24	17.0	9.3	13.1	-	19.4	14,25,26	2.8	8	-	-	133	139	25	29	21	16	0	0	0	0	1	0	0	1	0	4.52	-	-	
	Garstang ...	99	21	16.7	9.2	14.9	-	19.4	12,14,28	3.3	14	-	-	125	126	24	29	20	17	-	0	-	-	-	0	0	-	-	3.70	-	-	
	Morecambe ...	99	7	17.0	10.9	13.9	0.0	20.6	14	7.2	8	-	-	126	129	21	29	21	16	0	0	0	0	0	0	-	0	4.16	97	-	-	
	Penketh ...	99	15	17.3	9.3	13.3	-	20.6	26	3.9	21	14.2	13.8	116	-	17	2	18	16	0	0	0	0	0	2	0	0	3.53	-	-	-	
	Preston ...	99	33	16.8	9.8	13.3	-	20.6	26	5.0	8,9	-	-	150	153	17	29	22	16	0	0	0	0	1	0	0	0	-	-	-	-	
	Stonyhurst ...	99	115	-	9.1	-	-	-	-	-	4.4	8	-	-	137	118	19	5	20	16	-	0	-	-	-	0	0	-	3.26	85	-	-
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore ...	99	260	14.8	9.1	11.9	-	18.3	26	5.0	8	12.9	-	217	161	44	5	21	16	-	0	-	-	-	1	0	0	-	3.16	-	-	-
Burnley ...	99	200	16.1	8.7	12.4	-	20.6	26	3.9	8	12.7	12.2	142	-	20	26	19	16	0	0	0	0	1	1	0	0	1	3.11	-	-	-	
Nelson ...	99	165	15.5	9.1	12.3	-	20.0	26	3.9	8	13.7	13.2	133	130	18	29	18	16	-	0	-	-	-	0	0	0	-	3.13	-	-	-	
Rochdale ...	99	110	16.6	9.2	12.9	-	21.7	26	2.8	9	-	-	141	144	22	19	18	15	0	0	0	0	0	0	0	0	1	-	-	-	S	
Cheshire	West Kirby Park	99	8	17.6	10.8	14.2	-	20.6	10	6.7	9,14	-	-	104	-	16	26	18	16	-	0	-	-	-	-	0	-	-	4.65	-	-	-
	Bidston ...	99	60	16.1	11.2	13.7	0.0	18.3	12,17,28	8.3	1	-	-	113	169	15	20	19	18	-	-	-	-	-	0	0	0	-	4.36	104	-	-
	Ness Gardens ...	99	55	17.2	9.6	13.4	-	20.0	26	6.7	1,8,21	-	-	130	-	48	20	17	17	-	-	-	-	-	0	2	-	-	-	-	-	
	Winnington ...	99	20	17.6	10.5	14.1	-	20.6	26,28	4.4	21	-	-	99	143	10	11	22	18	0	0	0	0	2	0	0	0	-	-	-	-	
	Knutsford ...	99	65	17.6	9.7	13.7	-	20.6	26,28	3.7	8	15.1	15.4	80	110	9	29	18	16	-	0	-	-	-	-	0	0	-	-	-	-	
	Ringway ...	21-9	76	17.0	10.5	13.7	+0.2	21.1	26	5.7	8	-	-	77	113	13	5	17	15	0	0	0	0	2	1	0	0	3.92	101	-	-	
	Macclesfield ...	99	152	16.4	9.9	13.1	-0.1	20.0	26	5.6	8	-	-	104	132	17	26	19	16	0	0	0	0	1	1	0	-	-	-	-	-	
	7b NORTH WALES																															
Flint	Rhyl ...	99	9	16.8	10.7	13.7	-0.4	20.0	26	5.6	8	-	-	85	127	19	11	21	17	0	0	0	0	0	0	0	0	0	4.48	103	-	-
	Prestatyn ...	99	4	17.1	10.9	14.0	-	21.1	26	6.7	14	-	-	102	148	21	11	20	17	0	0	0	0	0	0	0	-	1	4.58	113	-	-
	Hawarden Bridge	99	5	17.7	10.1	13.9	-0.1	19.4	9,25,28	4.4	8	-	-	107	181	30	20	18	0	0	0	0	0	1	0	0	-	1	-	-	-	
Anglesey	Valley ...	21-9	10	16.6	10.7	13.7	-0.5	19.0	14	5.5	8	-	-	119	149	34	11	21	15	0	0	0	0	0	0	0	0	4	5.66	122	-	-
	Colwyn Bay ...	99	36	16.6	10.9	13.7	-0.6	19.4	25,26,28	6.7	9	14.6	-	98	138	24	11	21	16	0	0	0	0	1	0	0	-	0	5.05	116	-	-
Denbigh	Alwen ...	99	335	14.7	7.2	10.9	-	17.2	14,28	0.6	9	-	-	151	139	28	4	20	19	-	-	-	-	-	0	5	-	-	-	-	-	
	Ruthin ...	99	76	16.8	9.6	13.2	-	18.9	16,25,28	3.9	8	-	-	124	-	29	20	18	17	-	0	-	-	-	0	0	-	-	3.75	-	-	-
	Loggerheads ...	99	210	15.9	8.2	12.1	-	18.3	26,28	2.2	8	13.0	13.4	137	-	30	20	21	16	0	0	0	0	1	3	0	0	-	-	-	-	
	Bwlchwyn ...	99	386	14.2	8.7	11.5	-	16.7	9,14	6.1	13,14,22	11.6	-	130	143	22	11	23	18	0	0	0	0	0	2	0	3	0	-	-	-	
	Wrexham		84	17.4	9.6	13.5	-	20.3	16	4.7	8	14.2	14.1	88	144	17	11	18	15	0	0	0	0	0	0	0	0	-	-	-	-	
	Caernarvon		18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Bardsey Island ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Botwnnog ...	99	34	16.7	10.4	13.5	-	20.6	12	4.4	8	15.4	15.2	171	-	49	11	18	15	0	0	0	0	0	0	0	2	5.74	-	-	-	
Merioneth	Bryn Adda ...	99	84	16.7	9.9	13.3	-	18.9	17,28	5.0	8	-	-	160	143	33	11	20	18	0	0	0	0	0	0	0	2	5.28	-	-	-	
	Aber ...	99	18	16.9	10.2	13.5	-0.7	20.0	28	6.7	8,9	-	-	140	141	27	11	22	19	0	0	0	0	0	0	0	2	4.12	19	-	-	
	Llandudno ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Trawsfynydd ...	99	186	16.0	10.2	13.1	-	18.3	12,25,28	4.4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	
Montgomery	Blaenau Ffestiniog		229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S		
	Corwen ...	99	144	16.6	8.4	12.5	-	19.4	26,28	2.2	8	-	-	132	159	19	5	22	17	0	0	0	0	0	-	0	1	0	-	-	S	
	Ceinws ...	99	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Lake Vyrnwy ...	99	303	14.7	8.6	12.7	-	17.8	14	4.4	8,21	12.7	-	225	177	30	5	23	22	0	0	0	0	0	1	0	1	0	-	-	-	
8a SOUTH WALES																																
Cardigan	Aberporth ...	21-9	133	15.4	10.9	13.1	-1.0	18.3	1	6.1	8	-	-	149	175	58	11	21	18	0	0	0	0	0	0	0	0	2	4.94	-	-	-
	Aberystwyth		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ffrongoch	99	138	16.1	10.1	13.1	-0.4	18.9	14	4.4	8	-	-	154	190	34	11	23	21	0	0	0	0	0	0	0	0	0	4.64	109	-	-
	Gogerddan ...	99	31	16.8	10.1	13.5	-	20.0	14,15	2.2	8	-	-	137	146	34	11	21	20	0	0	0	0	0	0	0	1	0	4.54	-	-	
	Swyddffynnon ...	99	165	16.1	9.3	12.7	-	18.3	8,14,28	1.1	8	-	-	168	149	23	29	24	20	-	0	-	-	-	0	2	-	4.09	-	-	-	
	Trawcoed ...	99	61	16.8	9.6	13.2	-	20.0	14	1.1	8	15.0	-	151	147	23	11	19	18	0	0	0	0	0	0	2	0	4.38	-	-	-	
	Llety-evan-hen ...	99	290	14.6	9.8	12.2	-	17.8	14	3.3	8	-	-																			



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days														BRIGHT SUNSHINE		
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
									Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more													
					A Max.	B Min.									30 cm.	122 cm.																	
8b ENGLAND, S.W. - cont.																																	
Devon	Plymouth, The Hoe	9 9	36	17.2	11.4	14.3	-0.6	19.4	15	6.9	21, 22	15.8	15.7	108	146	18	25	22	17	0	0	0	0	0	0	0	0	0	3	5.24	104	-	
—cont.	Tavistock	9 9	139	17.1	9.9	13.5	-0.4	20.0	9, 16	3.9	22	-	-	165	-	33	25	22	18	0	-	0	0	0	0	0	0	4	1	-	-	-	
	Chivenor	21-9	6	17.9	11.3	14.6	-0.5	20.0	27	5.4	8	-	-	110	141	24	11	22	17	0	0	1	0	0	0	0	0	0	1	5.13	-	-	
	Ilfracombe	9 9	8	17.2	13.1	15.1	-0.1	19.4	27	8.9	8	16.2	16.0	138	173	29	11	20	18	0	0	0	0	0	0	0	0	0	0	5.25	111	-	
	Princetown	9 9	414	-	-	-	-	-	-	-	-	-	-	243	-	43	5	19	19	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Totnes	9 9	37	17.9	9.9	13.9	-	20.0	15	1.7	21	15.5	14.8	139	158	26	4	21	18	0	0	0	0	0	0	0	3	0	4.77	-	-	-	
	Slapton	9 9	32	17.4	11.2	(14.3)	-	20.6	15	7.8	10	-	-	133	-	24	25	20	19	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Newton Abbot	9 9	83	-	10.2	-	-	-	-	5.6	9, 22	-	-	137	180	19	4	22	18	0	0	0	0	0	0	0	0	0	5.29	109	-	-	
	Paignton	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Torquay	9 9	8	17.8	11.8	14.8	-0.1	20.0	1	7.8	9	-	16.3	136	203	20	11	21	15	0	0	0	0	0	0	0	0	0	5.24	101	-	-	
	Teignmouth	9 9	6	17.7	12.0	14.9	-0.2	20.0	1, 2, 15	6.7	9	-	-	128	197	23	11	20	16	0	0	1	0	0	2	0	-	0	5.27	104	-	-	
	Starcross	9 9	9	17.9	10.6	14.3	-	21.1	1	5.6	9	15.4	-	112	170	24	11	20	15	-	-	-	-	0	0	0	0	-	5.36	-	-	-	
	Exmouth	9 9	59	17.2	11.4	14.3	0.0	19.4	1	6.7	9, 21	-	-	112	162	31	11	19	17	0	-	0	0	0	0	0	0	0	5.28	107	-	-	
	Exeter	21-9	32	18.1	10.8	14.5	-	20.8	1	3.3	9	-	-	101	153	25	11	20	15	0	0	0	0	0	0	1	0	4.47	-	-	-	-	
	Sidmouth	9 9	8	17.6	11.7	14.7	+0.1	20.0	2	6.7	9	-	-	106	163	29	11	21	15	-	-	-	-	0	0	0	-	4.52	98	-	-	-	
Cornwall	Scilly	21-9	48	16.7	12.4	14.5	-0.7	18.0	2, 9, 28	9.7	8	-	-	87	138	21	4	19	12	0	0	0	0	0	2	0	0	2	6.06	117	-	-	
	Penzance	9 9	19	17.3	11.6	14.5	-0.6	19.4	1	6.7	8, 9	-	-	119	149	24	25	20	16	0	0	0	0	0	0	0	1	5.59	107	-	-	-	
	Gulval	9 9	15	16.8	11.4	(14.1)	-0.7	18.3	1, 2, 12	7.2	8	-	-	110	145	24	25	21	14	-	-	-	-	0	0	0	-	5.53	110	-	-	-	
	Culdrose	9 9	82	16.6	11.2	13.9	-	18.9	14	6.7	8	-	-	107	155	22	25	18	14	0	0	0	0	0	2	0	0	1	5.35	-	-	-	
	Rosewarne	9 9	76	16.5	11.6	14.1	-	18.3	1, 16, 28	6.7	9	14.7	14.9	132	178	29	25	19	12	0	0	0	0	0	1	0	0	3	5.39	-	-	-	
	Lizard	9 9	73	16.5	11.7	14.1	-0.6	18.6	13	8.1	8	-	-	111	185	27	25	19	16	0	0	0	0	0	-	0	-	(5.74)	-	-	-	-	
	Falmouth	9 9	51	16.9	10.7	13.8	-1.1	18.9	13	7.2	8, 9	-	-	121	155	24	25	19	18	0	0	0	0	0	0	0	0	5.11	102	-	-	-	
	Newquay	9 9	54	16.8	11.9	14.3	-0.3	19.4	1	6.1	8, 9	-	-	103	154	20	25	20	15	0	-	0	0	0	-	0	-	1	5.79	116	-	-	-
	St. Mawgan	21-9	103	16.7	11.6	14.1	-	19.2	1	7.4	8	-	-	126	168	27	25	20	16	0	0	0	0	0	1	0	0	1	5.46	-	-	-	-
	St. Austell	9 9	94	17.2	10.4	13.8	-	20.0	1	6.7	8, 20, 22	-	-	131	144	26	25	22	18	0	0	0	0	0	4	0	-	1	-	-	-	-	
	Fowey	9 9	40	17.3	11.0	14.1	-0.8	20.0	13, 15	5.6	9	-	-	107	-	22	25	22	18	0	0	0	0	0	0	0	0	2	-	-	-	-	
	Bude	9 9	15	17.1	11.5	14.3	-0.2	19.4	25, 28	3.9	8, 9	14.1	-	92	123	24	11	21	19	-	0	-	-	-	0	-	-	-	-	-	-	-	
	Ellbridge	9 9	58	17.4	10.1	13.7	-0.5	20.0	1	4.4	21	-	-	128	158	25	25	20	18	0	0	0	0	0	1	0	0	0	4.97	101	-	-	-
9 NORTHERN IRELAND																																	
Londonderry	Loughmore Forest	9 9	174	15.1	8.2	11.7	-	18.9	15	2.8	8, 14	-	-	145	-	28	11	22	19	0	0	0	0	0	0	0	1	0	-	-	-	-	
	Ballykelly	21-9	2	16.4	9.7	13.1	+0.2	19.4	14	4.0	20	14.2	13.7	124	151	22	11	20	17	0	0	0	0	0	1	0	0	0	4.14	105	-	-	-
	Derrynoyd Forest	9 9	88	16.4	8.6	12.5	-	19.4	15, 16	3.3	8	-	-	118	-	33	25	22	18	0	0	0	0	0	2	0	1	0	-	-	-	-	-
	Somerset Forest	9 9	43	16.2	8.4	12.3	-	19.4	9	2.8	20, 23	-	-	144	-	29	11	22	19	0	0	0	0	0	3	0	1	0	-	-	-	-	-
	Garvagh Forest	9 9	91	15.9	8.2	12.1	-	18.3	9, 14, 16	2.2	23	14.1	13.4	161	-	28	11	22	19	0	0	0	0	0	0	0	0	1	0	-	-	-	-
	Moneydig	21-9	34	16.2	8.1	12.1	-0.4	18.9	15, 26	1.5	23	14.6	-	131	138	23	11	22	19	0	0	0	0	1	3	0	2	0	-	-	-	-	-
Antrim	Portrush	-	9	-	-	-	-	-	-	-	-	-	-	133	156	29	11	23	23	-	-	-	-	-	-	-	-	-	4.26	-	-	-	-
	Ballymoney	9 9	55	16.2	9.0	12.6	-	18.9	13	3.9	20, 23	-	-	151	-	24	11	20	17	0	-	0	0	0	1	0	-	0	-	-	-	-	-
	Lisnafillan	9 9	38	16.3	8.0	12.1	-	19.4	15	1.7	8	-	-	138	-	20	11	21	19	0	0	0	0	0	4	0	1	0	4.46	-	-	-	-
	Aldergrove	21-9	69	16.2	9.2	12.7	0.0	19.2	15	4.9	8	14.1	13.3	115	135	24	11	20	16	0	0	0	0	0	0	0	1	0	4.11	115	-	-	-
	Greenmount	9 9	32	16.3	8.7	12.5	-	19.4	16	3.3	8	14.3	-	106	-	24	11	20	16	0	0	0	0	0	-	0	0	-	-	-	-	-	-
	Altnahinch	9 9	226	14.4	8.1	11.3	-	17.2	12, 14, 16	3.9	20	-	-	182	-	27	11	24	20	0	0	0	0	0	2	0	1	2	3.23	-	-	-	-
	Parkmore Forest	9 9	235	14.2	7.6	10.9	-	16.7	9, 16	2.8	8	12.6	-	184	-	38	5	20	18	0	0	0	0	0	2	0	0	0	-	-	-	-	-
	Black Mountain	21-9	295	14.0	8.1	11.1	-	17.2	15	5.9	8	-	-	146	-	26	11	22	19	0	0	0	0	0	10	0	-	0	-	-	-	-	-
	Lowtown	9 9	271	14.4	8.1	11.3	-	17.2	15	5.0	8	12.6	-	176	-	28	11	22	19	0	1	0	0	0	4	0	0	0	3.82	-	-	-	-
	Ballypatrick Forest	9 9	152	15.0	8.2	11.6	-	17.8	13, 15, 26	2.8	8	-	-	175	-	47	11	21															



#### TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER.

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktae)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																															
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-300 m.	400-600 m.	1000-10000 m.	2000-3000 m.	4-9 km.	10-49 km.	50-99 km.	100 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																	
																										3	4	5	6	7									8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
																										0	1	2	3	4									5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Number of Observations																																																							
0 SCOTLAND, N.																																																							
Zetland	Lerwick	83m.	3	1007.7	-	10.6	0.3	12.3	96	7.3	0	1	1	7	14	7	1	6	0	0	0	1	6	8	6	2	0	0	9	18	3	1	1	1	6	9	3	2	4																
			9	1007.8	-2.5	11.3	0.4	12.6	94	7.6	0	0	1	8	15	6	1	4	0	0	2	1	1	7	7	4	4	0	0	12	16	2	1	2	3	2	11	1	6	2															
			15	1007.8	-	11.7	0.6	12.6	92	7.5	0	0	1	11	16	2	2	0	0	0	2	4	7	6	5	4	0	0	1	10	18	1	0	2	1	5	9	3	5	4															
Orkney	Kirkwall	26m.	3	1007.1	-	11.0	0.3	12.6	96	5.2	1	4	2	8	15	5	1	5	0	0	0	1	1	11	4	9	1	0	2	11	14	3	1	1	6	8	2	4	2																
			9	1007.3	-8.4	12.1	0.5	13.2	93	5.9	0	2	1	13	14	0	0	0	0	4	0	10	3	6	7	0	0	3	12	14	1	2	1	4	5	9	3	1	4																
			15	1007.5	-	13.4	1.3	13.2	85	5.7	0	2	1	16	11	0	0	0	0	1	1	8	5	9	6	0	0	4	12	13	1	1	2	1	10	6	0	8	1																
Caithness	Wick	37m.	3	1007.1	-	11.2	0.4	12.6	94	5.7	4	3	2	10	10	1	0	0	0	1	2	1	6	12	6	2	0	1	5	24	0	2	1	0	9	8	2	5	3																
			9	1007.3	-3.8	12.1	0.7	12.9	91	5.4	0	2	5	12	9	2	0	1	1	0	3	6	5	5	8	2	0	1	5	20	0	6	0	1	7	9	2	3	2																
			15	1007.3	-	13.2	1.3	13.0	85	5.2	0	3	17	7	0	0	0	0	1	1	4	6	5	6	7	0	2	11	17	0	3	0	4	11	4	0	6	2																	
Sutherland	Cape Wrath*	113m.	3	1007.6	-	11.6	0.6	12.7	92	5.3	0	4	3	11	11	1	0	0	0	2	1	2	7	8	6	4	0	0	9	20	1	3	0	3	11	2	4	6	0																
			9	1006.4	-	11.5	0.7	12.5	92	5.8	0	5	6	7	11	1	0	1	0	0	0	0	0	0	11	18	1	3	6	17	3	0	2	1	8	2	10	2	2																
			15	1007.0	-	12.8	0.9	13.3	90	5.5	0	1	8	14	1	0	1	0	1	0	0	0	1	5	7	15	1	3	7	11	8	0	2	1	5	0	10	1	3																
Ross & Cromarty	Stormoray	5m.	3	1007.0	-	11.7	0.6	12.9	94	5.5	0	1	8	8	11	2	0	0	2	0	0	0	0	5	9	14	0	0	5	6	12	7	1	1	1	7	1	8	3	1															
			9	1007.1	-3.8	12.4	0.9	13.0	90	5.1	0	1	8	13	8	0	0	0	0	0	0	1	8	4	12	5	0	4	11	14	1	5	2	1	5	10	1	2	3																
			15	1007.3	-	13.4	1.3	13.1	85	5.2	0	4	14	9	0	0	0	0	0	0	0	0	5	9	12	4	0	1	13	15	1	2	4	2	4	11	3	2	1																
Inverness	Benbecula	6m.	3	1007.5	-	10.9	0.5	12.3	94	5.3	3	2	8	12	5	0	0	0	0	0	0	1	5	9	14	1	0	0	4	22	4	3	0	3	3	10	3	2	2																
			9	1006.4	-	11.3	0.6	12.5	93	5.4	3	2	7	8	10	0	0	0	0	1	1	2	4	6	13	3	0	5	10	13	2	3	2	0	10	5	4	1	3																
			15	1006.7	-4.3	12.6	1.0	12.8	88	5.4	0	6	19	5	0	0	0	0	0	0	5	2	8	9	6	1	2	18	9	0	5	1	2	7	9	1	4	1																	
1 SCOTLAND, E.	Moray	Kinloss	6m.	3	1007.7	-	10.7	1.0	11.3	87	5.8	3	2	4	12	9	0	0	0	0	0	2	7	4	7	10	0	1	8	20	1	2	1	3	2	6	11	3	1																
				9	1007.9	-3.6	12.9	1.5	12.3	82	5.7	1	4	7	9	9	0	0	0	0	0	1	0	10	4	6	9	0	1	7	19	3	2	1	2	3	5	11	2	1															
				15	1007.5	-	15.7	2.9	12.5	70	5.0	0	2	6	18	4	0	0	0	0	1	0	0	4	7	7	11	0	3	14	13	0	6	4	2	5	3	5	4	1															
Aberdeen	Dyce	59m.	3	1008.0	-	12.1	1.2	12.1	86	5.9	1	3	5	14	7	0	0	0	0	1	1	8	4	9	6	0	1	9	18	2	3	2	4	4	5	8	2	0																	
			9	1007.8	-4.3	9.9	0.5	11.5	94	5.5	2	4	7	7	3	0	1	1	2	2	4	3	11	5	1	0	0	6	14	4	2	0	0	1	4	9	4	3	3																
			15	1007.8	-	12.4	1.3	12.3	85	5.0	0	4	3	15	7	1	0	0	1	0	2	8	5	2	5	7	0	1	11	9	4	2	0	1	4	9	4	3	3																
Angus	Usan	35m.	3	1007.8	-	11.4	0.8	12.2	90	5.9	2	4	3	8	11	2	0	0	0	2	4	5	10	4	2	0	0	1	8	17	5	1	1	0	3	9	3	5	3																
			9	1007.9	-	10.9	0.5	12.3	93	4.8	0	10	5	2	11	2	0	1	2	0	0	3	3	6	4	11	0	1	4	17	8	2	1	0	3	4	1	8	3																
			15	1007.5	-	12.5	1.0	12.9	89	5.6	0	6	6	7	8	3	0	0	1	2	1	2	5	4	4	11	0	2	9	12	7	3	0	1	2	6	5	4	2																
Fife	Leuchars	12m.	3	1007.8	-	14.3	1.7	13.3	82	5.0	0	1	8	15	5	1	0	0	0	1	2	1	7	4	6	9	0	2	10	13	5	3	0	1	2	11	3	5	0																
			9	1008.0	-	12.3	0.8	13.0	91	5.8	0	6	4	7	12	1	0	2	0	0	3	6	1	3	15	0	1	7	17	5	3	1	0	2	5	7	6	1																	
			15	1007.8	-4.6	10.2	0.5	11.7	93	5.4	1	2	5	6	13	3	0	1	3	1	0	4	5	7	5	4	0	1	3	20	6	2	0	1	4	0	10	7	0																
Midlothian	Turnhouse	44m.	3	1008.2	-	12.4	1.2	12.5	86	5.2	0	2	5	14	6	3	0	1	1	0	3	7	5	7	5	0	1	7	18	4	1	0	3	5	3	6	6	2																	
			9	1007.8	-	14.9	2.3	12.8	76	5.1	0	2	5	17	6	0	0	0	0	1	1	5	7	11	5	0	2	11	17	0	1	0	9	5	5	1	7	2																	
			15	1008.4	-	11.6	0.8	12.3	89	5.8	0	3	2	13	10	2	0	1	1	2	0	3	5	9	7	2	0	0	4	19	7	0	3	0	3	3	9	4	1																
6a SCOTLAND, W.	Argyll	Tiree	10m.	3	1008.5	-	9.9	0.7	11.2	91	5.7	1	6	1	12	8	2	0	1	0	1	2	4	3	13	6	0	0	4	17	9	0	2	1	1	2	7	7	2																
				9	1008.8	-4.4	12.5	1.5	12.1	84	5.5	0	4	9	8	7	2	0	1	2	0	6	5	9	5	2	0	0	8	16	6	1	3	4	2	3	8	0																	
				15	1008.5	-	14.8	2.5	12.4	74	5.3	0	2	4	20	4	0	0	0	0	3	2	5	10	8	2	0	1	9	20	0	2	10	1	3	3	5	5	1																
Argyll	Tiree	10m.	3	1009.1	-	11.4	0.9	11.9	88	5.7	2	3	4	16	4	1	0	2	0	1	3	1	3	17	3	0	0	0	3	16	11	0	3	2	0	5	6	2	1																
			9	1006.7	-	11.8	0.6	12.9	93	5.7	1	3	7	10	9	0	0	0	0	0	2	2	3	9	11	3	0	7	12	4	7	2	1	1	9	5	1	2	2																
			15	1007.0	-5.0	13.0	1.0	13.3	88	5.8	0	3	2	17	8	0	0	0	0	0	2	2	2	9	13	2	0	6	14	8	2	4	0	3	9	5	1	4	2																
Rhuvaal	19m.	3	1007.2	-	13.9	1.4	13.3	84	6.0	1	3	3	17	6	0	0	0	0	0	1	2	4	7	8	8	0	3	14	12	1	2	0	1	9	5	4	5	3																	
		9	1007.2	-	12.0	0.6	13.0	92	5.5	1	6	5	12	0	0	0	1	0	0	1	5	10	5	8	0	7	9	9	5	3	0	2	7	5	2	2	4																		
		15	1007.4	-	12.0	0.6	13.0	93	5.6	1	5	4	9	11	0	0	0	0	0	0	4	6	3	17	0	0	4	22	0	2	0	0	5	13	4	1	5																		
Maschrihanish	14m.	3	1007.5	-	13.0	0.8	13.5	90	5.5	0	5	17	3	0	0	0	0	0	0	0	6	5	13	6	0	1	9	18	2	1	2	1	1	14	3	3	3																		
		9	1007.7	-	14.1	1.1	14.2	88	5.5	0	6	7	8	9	0	0	0	0	0	0	8	2	10	10	0	5	3	19	3	1	0	1	4	8	2	3	8																		
		15	1007.9	-	12.3	0.5	13.5	94	5.1	2	7	5	5	11	0	0	0	0	0	0	1	5	7	4	12	0	2	4	23	1	2	0	0	5	13	4	2	3																	
Bute	Kildonan	—	3	1																																																			



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										8 or more	4, 7	4, 5	1-3	Calms								
																										22-33	11-21	1-10	0									
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington	3	1009.0	-	10.1	0.4	11.8	95	6.1	0	2	7	10	7	4	0	3	1	3	2	3	4	5	7	2	0	1	4	21	4	2	2	1	0	8	1			
	9	1009.4	-4.2	12.6	1.1	12.6	86	5.8	0	3	8	12	7	0	0	0	0	0	0	1	8	6	4	2	9	0	1	7	22	4	2	2	1	0	8	1		
	15	1009.0	-	14.7	2.1	13.0	78	6.1	0	2	7	15	6	0	0	0	0	0	0	7	8	4	7	4	0	3	16	11	0	0	5	3	2	1	0			
Tynemouth	3	1009.7	-	11.7	0.6	12.9	93	6.3	0	4	3	8	11	4	0	4	0	1	0	5	9	5	5	4	2	0	0	5	20	5	2	2	0	7	0	3		
	9	1010.0	-4.0	12.5	1.2	12.4	85	5.8	1	2	8	12	7	0	0	0	0	1	5	5	11	5	3	0	1	2	9	15	3	6	0	0	10	1	1			
	15	1009.7	-	14.3	2.0	12.8	79	5.7	2	2	7	9	9	1	0	1	0	1	5	7	11	5	0	0	4	14	12	0	0	5	4	1	0	10	1			
Seahouses	3	1010.2	-	12.9	1.1	13.0	87	6.5	1	2	2	10	13	2	0	1	1	0	5	10	13	0	0	0	2	1	3	14	4	4	5	0	1	6	7	1		
	9	1009.1	-	10.8	0.9	11.6	89	5.9	2	2	7	4	12	3	2	1	0	2	0	2	8	7	0	0	0	1	3	23	3	3	0	0	2	8	3			
	15	1009.3	-	12.6	1.4	12.2	84	5.4	1	5	7	8	8	1	0	0	1	2	2	3	9	4	2	7	0	0	6	20	4	4	1	0	1	9	8			
Yorks, N. Riding Leeming	3	1009.1	-	14.4	2.1	12.6	77	6.0	0	2	8	12	8	0	0	0	0	1	2	2	3	9	4	2	7	0	0	6	20	4	3	0	0	1	9	8		
	9	1009.6	-	12.3	1.0	12.9	88	5.9	1	5	5	5	12	2	0	2	0	2	6	8	1	7	3	9	0	3	9	18	0	5	0	1	6	7	1			
	15	1009.9	-	10.8	0.7	11.9	91	5.5	3	5	3	5	13	1	0	0	2	2	4	6	2	7	7	0	0	0	4	18	8	2	1	0	2	7	3			
Whitby Coastguard	3	1010.4	-	12.8	1.4	12.5	84	6.5	0	2	3	17	8	0	0	0	0	0	2	9	5	4	3	7	0	1	10	14	5	5	0	0	3	9	1			
	9	1010.6	-	15.7	2.4	13.4	75	6.4	0	1	6	15	8	0	0	0	0	0	0	4	6	10	5	5	0	0	14	16	0	4	4	0	3	7	1			
	15	1010.5	-	12.5	1.0	12.8	88	5.5	2	5	2	11	9	1	0	0	1	0	4	9	4	7	1	0	1	0	7	14	9	4	0	2	0	7	3			
Yorks, E. Riding Leconfield	3	1010.3	-	11.2	0.7	12.3	92	5.5	2	5	4	8	8	3	0	1	1	0	2	12	13	0	0	0	2	12	13	3	2	1	1	2	8	10				
	9	1010.7	-	12.8	1.3	12.6	85	5.9	0	3	6	12	5	4	2	1	0	1	0	10	10	6	0	1	3	12	11	3	0	1	2	2	8	3				
	15	1010.3	-	14.4	1.8	13.3	82	6.4	0	2	6	11	9	2	0	2	0	0	1	9	13	5	0	0	3	14	11	2	1	0	5	4	6	3				
Kilnsea	3	1011.0	-	12.6	1.0	12.9	88	5.4	2	5	7	3	11	2	0	2	0	0	1	13	11	2	0	0	1	10	18	1	3	1	2	2	9	6				
	9	1010.4	-	11.5	0.8	12.4	91	6.1	2	2	3	9	11	3	0	2	1	0	2	4	11	6	3	1	0	1	8	16	5	5	1	0	2	4	8			
	15	1010.9	-3.8	13.5	1.3	13.2	85	6.4	0	1	8	12	9	0	0	0	0	1	4	1	11	8	1	4	0	1	13	13	3	4	1	2	1	6	4			
Lincoln Waddington	3	1010.5	-	16.0	2.7	13.3	73	6.1	0	2	7	15	6	0	0	0	0	1	0	2	5	11	9	2	0	1	19	10	0	3	2	3	4	6	4			
	9	1011.1	-	12.5	1.1	12.8	88	4.5	2	9	7	4	7	1	0	3	0	0	2	5	10	7	2	1	0	0	8	16	6	4	0	0	3	7	3			
	15	1011.4	-	12.1	0.6	13.2	93	5.5	5	2	3	8	11	1	0	1	0	2	1	9	17	0	0	1	6	11	11	1	3	3	1	1	5	4				
Binbrook	3	1011.5	-3.1	13.1	1.0	13.4	89	6.5	0	0	9	9	10	2	0	2	2	1	0	2	9	14	0	0	1	7	12	8	2	4	2	1	3	5	9			
	9	1010.9	-	11.3	0.5	12.6	93	5.2	5	2	6	4	13	0	0	1	2	0	0	1	11	17	0	0	0	1	6	12	11	0	5	2	5	2	7			
	15	1011.3	-4.3	13.1	1.2	13.1	87	6.1	0	2	5	14	9	0	0	0	0	0	3	4	10	5	5	0	0	1	9	20	0	4	1	1	1	9	9			
Manby	3	1010.7	-	16.3	2.8	13.3	72	6.4	0	2	4	16	8	0	0	0	0	0	0	3	7	9	7	4	0	2	17	11	0	2	4	0	2	7	6			
	9	1011.6	-	12.6	1.0	12.9	88	4.8	5	4	5	7	9	0	0	1	0	0	2	0	13	10	4	0	0	9	20	1	4	3	0	4	8	8				
	15	1010.8	-	11.1	0.7	12.2	91	5.9	3	2	3	10	12	0	1	0	0	2	3	4	13	3	4	0	0	1	14	14	1	4	1	1	7	11	2			
Suffolk Mildenhall	3	1011.3	-	13.0	1.3	12.7	85	6.2	0	3	4	15	8	0	0	1	0	0	0	1	13	11	4	0	0	1	15	13	1	5	0	2	3	9	3			
	9	1010.7	-	15.7	2.8	12.7	71	6.3	0	1	7	16	6	0	0	0	0	0	0	2	9	10	7	2	0	4	15	11	0	2	4	2	2	8	3			
	15	1011.5	-	12.4	1.1	12.6	86	5.0	2	9	3	6	9	1	0	1	0	0	1	5	9	11	3	0	0	0	14	13	3	5	0	1	2	7	8			
Bedford Cardington	3	1011.0	-3.9	11.3	0.5	12.8	94	5.4	3	5	4	3	14	1	0	1	0	0	4	6	9	4	6	0	1	14	10	2	1	0	4	1	8	5				
	9	1011.5	-	13.9	1.2	13.8	87	6.4	0	2	4	15	9	0	0	0	0	1	1	14	10	2	1	0	1	14	15	0	4	1	2	1	8	5				
	15	1011.0	-	16.5	2.4	14.2	76	6.2	0	0	8	15	7	0	0	0	0	0	1	13	9	6	0	0	0	18	12	0	4	2	3	7	4	5				
3 ENGLAND, E.																																						
Norfolk West Raynham	3	1011.6	-	11.1	0.4	12.7	94	4.5	10	2	1	5	12	0	0	1	0	1	3	3	14	7	1	0	0	1	12	15	2	5	1	1	1	5	13			
	9	1011.9	-3.6	13.7	1.0	14.0	89	6.0	0	4	5	13	7	1	0	0	2	1	2	3	7	8	5	2	0	2	15	11	2	4	1	1	4	7	3			
	15	1011.3	-	16.2	2.4	13.9	76	6.8	0	0	3	19	8	0	0	0	0	0	3	7	13	6	1	1	1	18	10	0	3	3	1	1	6	6				
Coltishall	3	1011.2	-	12.6	0.8	13.3	90	5.6	0	6	6	8	10	0	0	0	0	1	1	2	14	7	4	1	0	1	11	17	1	2	3	2	1	8	9			
	9	1011.3	-	11.8	0.8	12.6	90	4.6	7	3	4	6	9	1	0	1	1	0	3	5	9	8	3	0	0	0	8	12	10	2	2	2	0	3	4			
	15	1011.8	-	14.6	1.6	13.9	83	5.8	0	4	5	14	7	0	0	0	0	1	3	1	9	7	4	5	0	0	11	15	4	3	2	2	3	4	5			
Gorleston	3	1011.2	-	17.1	3.2	13.4	69	6.3	0	3	3	17	7	0	0	0	0	0	3	7	6	11	3	0	1	12	17	0	1	3	3	1	6	5				
	9	1012.1	-	13.3	1.2	13.3	87	4.8	3	7	4	5	11	0	0	1	0	0	1	7	9	5	0	0	0	4	19	7	0	0	3	0	2	5	8			
	15	1011.9	-3.6	13.6	1.0	13.9	89	4.8	8	2	3	8	9	0	0	0	0																					



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	6-7	4-5	1-3	Calm									
																										22-33	11-21	1-10	0										
Number of Observations																																							
4 MIDLAND COUNTIES —cont.																																							
Finningley	14m.	3	1010.7	-	11.0	0.5	12.4	93	5.2	7	3	0	8	9	3	0	3	0	0	2	11	5	6	3	0	0	1	7	14	8	4	0	1	1	6	4	5	1	
		9	1011.2	-3.9	13.5	1.3	18.2	85	6.2	0	4	3	13	10	0	0	0	0	0	3	8	13	3	3	0	0	1	11	13	5	5	1	1	1	8	3	3	3	
		15	1010.6	-	16.7	3.1	13.1	69	6.1	0	1	9	12	8	0	0	0	0	0	0	3	8	11	7	1	0	0	2	13	15	0	3	3	1	1	9	3	7	3
Northampton Wittering	67m.	3	1011.4	-	12.9	1.0	13.1	87	4.8	4	4	6	9	7	0	0	0	0	0	2	5	16	5	2	0	0	0	5	16	9	4	1	0	0	7	4	4	1	
		9	1011.5	-	11.2	0.6	12.4	92	5.4	4	4	3	5	12	2	0	0	0	2	2	1	7	8	5	5	0	0	1	10	16	3	5	0	1	1	6	5	8	1
		15	1011.8	-4.0	13.3	1.1	13.4	87	6.1	0	2	6	14	7	1	0	0	1	1	6	10	6	3	2	0	0	0	14	14	2	4	2	0	5	4	4	9	0	
Warwick Edgbaston	165m.	3	1011.4	-	16.6	3.0	13.3	72	6.7	0	0	5	17	8	0	0	0	0	0	0	2	9	8	8	2	0	0	6	14	0	3	1	1	2	9	2	8	4	
		9	1012.1	-	13.1	1.2	13.2	87	5.5	1	4	7	11	7	0	0	0	0	0	2	6	12	4	6	0	0	0	7	23	0	5	2	0	1	7	8	5	2	
		15	1012.3	-3.6	12.4	1.1	12.6	88	5.9	1	2	6	12	9	0	0	0	0	1	2	6	11	6	4	0	0	0	5	25	0	4	2	1	3	9	4	6	1	
Elmdon	110m.	3	1011.7	-	16.2	3.3	12.3	67	6.0	0	0	13	13	4	0	0	0	0	0	1	0	7	6	12	4	0	0	9	21	0	2	2	2	2	8	3	7	4	
		9	1012.5	-	13.1	1.3	12.9	85	4.7	2	7	7	3	11	0	0	0	0	1	2	14	8	4	1	0	0	3	26	1	2	3	1	3	8	9	2	1		
		15	1011.2	-	10.6	0.3	12.2	94	4.9	6	4	3	5	12	0	0	0	1	0	8	7	4	7	3	0	0	2	20	8	3	1	1	4	6	6	1	0		
Shropshire Shawbury	76m.	3	1011.6	-	12.9	1.2	12.9	87	6.5	0	2	5	12	10	1	0	0	0	1	2	8	10	1	0	0	1	11	18	0	4	1	1	6	7	3	4	4		
		9	1011.1	-	16.1	3.0	12.8	70	6.7	0	0	5	19	6	0	0	0	0	0	0	1	8	12	8	1	0	2	16	12	0	2	2	2	6	4	8	4		
		15	1012.0	-	12.4	1.0	12.7	88	5.0	3	5	6	5	11	0	0	0	0	1	1	7	11	9	1	0	0	0	3	23	4	5	0	0	5	6	8	1	1	
Worcester Pershore	36m.	3	1010.8	-	10.7	0.5	12.1	93	5.3	2	5	5	7	9	2	0	0	0	0	2	3	7	2	5	7	4	0	5	18	7	4	1	1	3	3	5	6	0	
		9	1011.2	-	13.3	1.3	13.1	85	6.1	0	3	6	13	8	0	0	0	0	0	1	6	6	5	8	4	0	1	7	20	2	3	1	1	4	5	4	9	1	
		15	1010.8	-	16.1	2.9	13.0	71	6.1	0	1	7	17	5	0	0	0	0	0	0	1	8	4	9	8	0	1	15	11	3	4	2	0	2	7	2	8	2	
Hereford Ross-on-Wye	69m.	3	1011.6	-	12.2	1.0	12.6	88	4.5	3	8	3	9	7	0	0	1	0	0	0	3	7	6	7	6	0	4	22	4	4	1	0	3	6	7	4	1		
		9	1011.9	-	13.3	1.2	13.2	86	5.8	0	5	4	13	8	0	0	0	0	0	2	3	8	3	10	4	0	1	12	13	4	2	2	4	1	5	4	8	0	
		15	1011.7	-4.4	13.5	1.1	13.1	84	5.8	1	3	6	11	9	0	0	0	0	0	2	3	10	3	11	1	0	0	5	24	1	3	1	2	3	9	7	1		
Gloucester Filton	60m.	3	1011.3	-	16.5	3.1	13.1	70	6.0	0	1	10	12	7	0	0	0	0	0	0	2	11	2	13	2	0	0	5	25	0	3	3	1	0	7	7	9	0	
		9	1012.2	-	12.9	1.1	12.8	85	4.7	4	8	2	6	10	0	0	0	0	0	0	3	9	1	16	1	0	0	5	23	2	0	2	3	1	6	12	4	0	
		15	1011.9	-	12.0	0.5	13.2	93	5.4	5	2	4	5	14	0	0	0	0	0	1	6	8	11	3	0	0	0	7	15	8	3	0	5	0	6	4	4	0	
Gloucester	24m.	3	1012.4	-4.0	14.1	1.4	13.7	85	5.7	1	3	6	13	7	0	0	0	0	0	1	5	9	8	6	1	0	0	7	22	1	1	3	1	3	7	3	9	2	
		9	1012.3	-	16.3	2.7	13.6	73	5.7	0	3	8	12	7	0	0	0	0	0	1	7	6	10	5	0	2	14	13	1	2	3	1	3	5	2	10	3		
		15	1012.9	-	13.3	1.1	13.4	87	4.4	2	7	11	3	7	0	0	0	0	0	5	8	14	3	0	0	0	7	18	5	3	1	0	3	4	8	5	1		
Little Rissington	229m.	3	1011.7	-	12.4	0.8	13.2	91	5.8	4	2	2	11	11	0	0	0	0	1	3	5	10	6	5	0	0	1	5	16	8	4	0	2	3	5	7	0	1	
		9	1012.3	-	14.1	1.5	13.6	84	6.0	0	1	8	13	7	1	0	0	0	1	5	8	7	3	5	0	0	7	20	3	2	2	1	4	6	7	4	1		
		15	1012.0	-	17.4	3.3	13.5	68	6.3	0	0	9	12	9	0	0	0	0	0	0	8	8	7	7	0	0	10	19	1	2	3	1	1	10	9	1	2		
5 ENGLAND, S.E.	26m.	3	1012.6	-	13.8	1.3	13.5	85	4.5	3	9	2	8	8	0	0	0	0	2	3	11	6	7	1	0	0	5	20	5	3	0	1	3	7	10	0	1		
		9	1011.7	-	10.8	0.4	12.5	95	6.0	3	3	2	5	13	4	0	4	1	1	4	4	5	6	4	1	0	1	5	22	2	5	1	2	3	4	8	4	1	
		15	1012.1	-4.2	12.3	0.8	12.9	90	6.3	0	2	7	11	7	3	0	0	2	1	5	7	8	2	4	0	1	12	15	2	4	2	1	2	7	3	8	1		
Greater London Heathrow	10m.	3	1011.7	-	15.3	2.6	12.8	74	6.7	0	0	5	17	8	0	0	0	0	0	0	6	10	9	5	0	1	17	12	0	2	3	1	1	5	6	9	3		
		9	1012.6	-	12.0	0.8	12.7	90	4.7	4	5	6	6	8	1	0	0	0	1	1	5	7	8	7	1	0	0	11	19	0	2	3	1	0	6	10	5	3	
		15	1012.2	-	12.3	0.7	13.2	91	5.7	3	3	4	9	11	0	0	0	0	0	2	5	13	5	5	0	0	1	8	17	4	4	0	3	4	8	3	0		
Kew	10m.	3	1012.4	-	14.4	1.4	13.9	85	6.1	0	2	6	13	8	1	0	0	1	0	1	2	10	10	5	1	0	1	9	20	0	5	1	1	2	5	8	0		
		9	1012.1	-	17.2	3.2	13.6	69	6.2	0	2	6	12	10	0	0	0	0	0	0	1	7	12	5	5	0	1	16	13	0	1	1	1	1	8	6	5	7	
		15	1013.0	-	14.1	1.4	13.8	85	5.4	2	5	3	13	7	0	0	0	0	0	0	5	10	11	4	0	0	0	8	20	2	4	1	0	2	8	9	3	1	
Surrey Gatwick	59m.	3	1012.5	-4.1	14.7	1.5	14.0	83	5.8	0	6	5	10	9	0	0	0	0	0	0	3	12	4	10	1	0	0	4	20	6	3	1	3	2	6	6	1	2	
		9	1012.1	-	17.3	3.2	13.6	69	5.8	0	2	10	13	5	0	0	0	0	0	0	1	9	3	12	5	0	0	8	22	0	3	1	0	2	10	8	2	4	
		15	1013.0	-	14.2	1.4	13.8	85	4.8	4	7	10	5	0	0	0	0	0	0	4	8	7	10	1	0	0	4	21	5	3	1	0	5	9	4	2	1		
Kent D																																							







TABLE VIII—NUMBER OF DAYS IN SEPTEMBER, 1967  
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

STATION	MAXIMUM TEMPERATURE °C.								STATION	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		0-0 or less	-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	Above 10-0
Lerwick .. ..	0	0	0	29	1	0	0	0	Edgbaston .. ..	0	0	0	4	25	1	0	0
Stornoway .. ..	0	0	0	19	11	0	0	0	Kew .. ..	0	0	0	0	27	3	0	0
Craibstone .. ..	0	0	0	14	16	0	0	0	Hastings .. ..	0	0	0	0	30	0	0	0
Rothesay .. ..	0	0	0	11	19	0	0	0	Southampton .. ..	0	0	0	0	26	4	0	0
Abbotsinch .. ..	0	0	0	3	27	0	0	0	Stonyhurst .. ..	-	-	-	-	-	-	-	0
Eskdalemuir .. ..	0	0	0	12	18	0	0	0	Bidston .. ..	0	0	0	9	21	0	0	0
Douglas .. ..	0	0	0	15	15	0	0	0	Valley .. ..	0	0	0	0	28	2	0	0
Cockle Park .. ..	0	0	0	11	18	1	0	0	Falmouth .. ..	0	0	0	0	30	0	0	0
Gorleston .. ..	0	0	0	0	29	1	0	0	Aldergrove .. ..	0	0	0	5	25	0	0	0
Cambridge .. ..	0	0	0	0	28	2	0	0	Armagh .. ..	0	0	0	4	26	0	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, SEPTEMBER, 1967

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 .. ..	295	8	40	17	156.6	30	239	4	41	17	129.1	30	294	4	40	17	155.0	30
Eskdalemuir .. ..	470	13	57	26	240.0	30	232	2	56	26	150.7	30	697	23	66	26	271.0	30
Cambridge .. ..	450	5	78	14	242.2	30	225	2	76	14	157.0	30	-	-	-	-	-	-
London W/Centre ..	417	8	56	24	227.4	29	202	8	54	24	142.3	29	478	8	78	24	262.3	29
Kew .. ..	447	6	61	15	245.5	30	217	2	62	15	153.6	30	532	4	77	15	293.3	30
Bracknell .. ..	479	8	84	14	265.2	30	250	2	83	14	171.3	30	515	8	100	14	288.5	30
Aberporth .. ..	543	8	67	11	308.0	29	235	5	66	11	164.0	29	-	-	-	-	-	-

TABLE II—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	HEIGHT OF VANE IN METRES			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		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 (hr)	No. of days	Duration in Hours					Veer from N	Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1967	Jan. -May	Gatwick	69	10	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Also on 24th, 25th and 27th.

\* Anemograph out of order.

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n			Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	0.1 mm. or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
1967	January	Skegness												25	47	5	5	(14)	(10)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

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# Monthly Weather Report OF THE METEOROLOGICAL OFFICE

Met. O.784

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

Volume 84 Number 10

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## October 1967 — *Very wet generally with stormy periods*

Weather was mainly cyclonic in character throughout the month.

Troughs associated with a complex low pressure area to the north of the British Isles, moving eastwards across the country, brought stormy weather and heavy rain to most districts during the first three days of the month. Portland Bill recorded a gust of 72 kt on the 3rd as a depression crossed northern districts to the North Sea. The 4th and 5th were mainly dry days, although there were scattered showers on the 4th in the northerly airstream behind the depression, and further rain from the Atlantic reached south-west England during the evening of the 5th.

An anticyclone centred off the coast of Portugal drifted north-eastwards to France during the next few days. Temperatures, which had been below average, rose considerably on the 6th, as south-westerly winds from low latitudes spread over the British Isles. The nights were particularly mild and that of the 8th/9th was the mildest October night in central London for 6 years. Although rainfall was mainly slight in southern England, disturbances moving around the northern flank of the anticyclone brought rain, heavy at times, to Scotland and northern England. Unusually heavy falls on the 8th and 9th led to widespread flooding in south-west Scotland and the Lake District; Great Langdale (Westmorland) recorded 146 mm in 24 hours. North Wales suffered considerable flood damage on the 10th as a shallow wave disturbance moved from southern Ireland to the North Sea.

The mild spell came to an end on the 11th as the anticyclone over western Europe moved away eastwards and cooler westerly winds, associated with a deep depression near Iceland, brought temperatures near to the normal and rain to all areas of the British Isles. The rain continued in south-east England throughout the 12th, but many parts of the country had long sunny periods on both the 12th and the 13th.

Generally wet weather, with gales in the west, returned to all areas on the 14th as a deep depression from the Atlantic skirted the coast of north-west Scotland. This depression deepened still further as it turned north-eastwards on the 15th and moved up the Norwegian coast; winds became north-westerly in Scotland and temperature fell sharply. Another depression moving from the south-west across the Midlands made the 16th the stormiest day of the month in England and Wales. The day's rainfall exceeded 50 mm in many parts of the Midlands and 85 mm fell at Llwynon (Brecknock). There was widespread flooding in the Midlands. Gales were severe in places and continued on the 17th from a north-westerly direction behind the depression. Thundery showers spread to all districts in this cold north-westerly airstream, and snow was reported as far south as Ringway (Manchester).

The 18th was a cold, dry and sunny day as a ridge of high pressure moved eastwards across the country but south-westerly winds, associated with a depression off western Scotland, brought milder weather on the 19th. Rain in most areas on the 19th and 20th continued in south-east England on the 21st due to minor disturbances on the trough of the main depression. The next three days were mainly dry in the Midlands and southern England, although weather continued unsettled in the north.

The remainder of the month was very changeable with frequent strong to gale force winds. A deep depression moving eastwards between Scotland and Iceland brought widespread rain on the 25th and showers on the 26th. Stormy weather returned on the 27th as a deepening depression moved quickly from the Irish Sea across northern England. Rain was prolonged and often heavy and there were thunderstorms in south-east England and severe gales in the English Channel. A showery northerly airstream behind the depression reduced temperatures below average on the 28th and 29th. The 30th was quieter and sunny in the south, but rain which reached all districts late in the day continued for most of the 31st as a depression from the Atlantic moved south-eastwards across the Midlands.

**Pressure and Wind** — Mean pressure was well below the 1931-60 average everywhere, the deficit ranging from 15.1 mb at Lerwick to

5.9 mb at Thorney Island. Surface winds were predominantly between west and south-west apart from north-westerlies on the 4th, 5th, 15th-17th and during the last week of the month. Gales were widespread on the 16th and 17th in England and Wales and on the 25th and 26th in Scotland; they occurred on 11 days at St. Catherines Pt, Isle of Wight, mainly during the second half of the month. A gust of 82 kt was reported from Portland Bill on the 27th.

**Temperature** — Mean temperatures were above the 1931-60 average in England and Wales, mainly because of mild nights, but they were below average in Scotland and Northern Ireland. The coolest periods were around the middle of the month and during the last week.

Extremes included: (England and Wales) 21.1°C at Southampton on the 8th, -2.8°C at Moor House on the 18th; (Scotland) 18.9°C at Dunbar on the 9th, -7.2°C at Cairngorm on the 18th; (Northern Ireland) 18.9°C at Tollymore Park on the 8th, -0.6°C at several places on the 16th and 18th.

**Rainfall** — Except for October 1960, this was the wettest October over England and Wales since 1903. Rainfall was more than the 1916-50 average over most parts of the United Kingdom except for a narrow strip in Scotland from east Angus to Dornoch Firth. It was more than twice the average over many western and southern districts of Scotland, parts of north-west England, most of Wales and parts of Devonshire, Gloucestershire and Hampshire.

Thunderstorms were widespread in Scotland on the 2nd and 25th in northern England on the 17th and in southern England on the 27th and 28th.

Snow or sleet (rain or drizzle and snow) fell on the higher ground in the north from the 17th to the 20th; snow lay 5 cm deep at Moor House (Westmorland) on the 17th.

**Sunshine** — In Scotland sunshine was generally above the average except in the Inner Hebrides and the western areas of the mainland north of the Clyde. In England and Wales sunshine was mainly below average apart from the north Midlands and north-east England, where it was above average, percentages ranged from 142 at Huddersfield to 69 at Cardiff.

**Fog** — Fog at 0900 GMT was infrequent; it occurred locally on 4 days in Scotland and was fairly widespread in southern England on the 8th and 22nd.

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

TABLE I—DISTRICT VALUES, OCTOBER, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average						% of Average			
0 SCOTLAND, N.	14.7	-0.5	-0.7	-0.8	-0.8	-0.5	+0.2	+5	143	107
1 SCOTLAND, E.	17.8	-1.1	-0.3	-0.1	-0.2	+0.1	0.0	+3	121	123
2 ENGLAND, N.E.	19.4	1.1	+0.3	+0.5	+0.4	+0.7	+0.5	+3	145	117
3 ENGLAND, E.	20.6	0.6	+0.3	+1.4	+0.9	+0.9	+0.4	+5	179	99
4 MIDLANDS	19.4	1.1	+0.1	+1.5	+0.9	+1.0	+0.5	+8	188	111
5 ENGLAND, S.E.	20.5	0.0	+0.4	+1.7	+1.1	+0.8	+0.3	+6	167	92
6 SCOTLAND, W.	16.6	-2.5	-0.3	-0.2	-0.3	+0.3	+0.1	+6	174	116
7 ENGLAND, N.W. and N. Wales	17.2	1.7	-0.3	+1.0	+0.4	+0.9	+0.6	+7	189	100
8 ENGLAND, S.W. and S. Wales	19.4	1.7	-0.3	+0.8	+0.3	+0.5	+0.3	+9	191	83
N. IRELAND	18.1	-0.6	-0.5	-0.5	-0.5	-	-	+7	143	106
SCOTLAND	17.8	-2.5	-0.4	-0.4	-0.4	-	-	+5	145	115
ENG. and WALES	20.6	0.0	+0.1	+1.1	+0.7	-	-	+6	178	100

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER, 1967

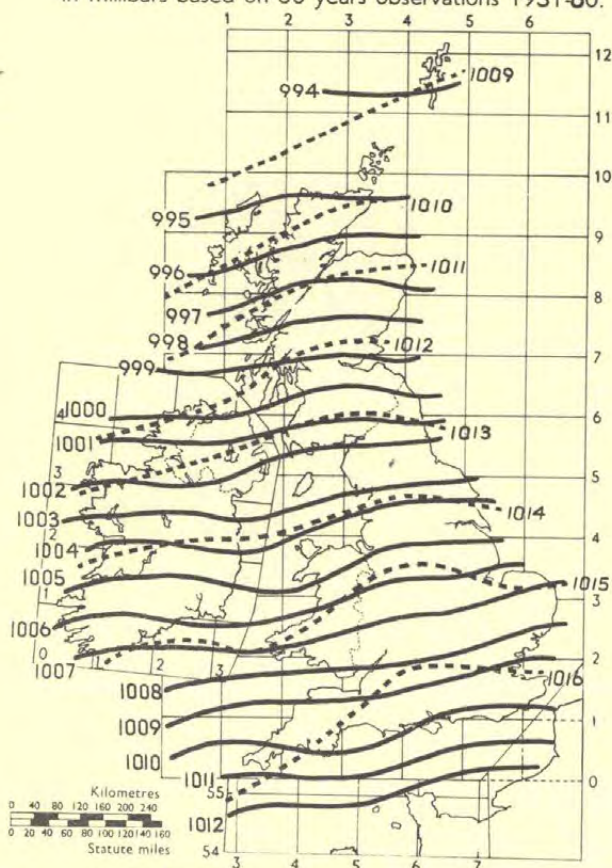
DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		22 to 33 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST					
						Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours	No. of days	Duration in Hours	No. of days		Duration in Hours	Year from N		Speed in knots	Hour ended at day hour	Year from N	Speed in knots	Day and Time	
6	Zetland	Lerwick	93	10	10	4, 26	14	19	175	336	179	40	0	15.8	250	44	26	18	250	70	26	1610
	Orkney	Kirkwall	41	15	10	4, 17, 26	29	22	123	409	146	37	0	15.8	270	39	26	15	260	60	26	1540
	Caithness	Dounreay	34	12	9	4, 17, 18	10	22	149	487	94	0	4	17.1	290	54	17	20	290	77	17	2010
		Wick	45	10	10	17	2	11	88	449	161	44	0	14.1	290	41	17	20	290	68	17	1940
	Sutherland	Shin	24	10	10	-	0	4	13	176	310	242	3	6.9	270	26	26	12	220	46	1	0735
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	1, 12, 14, 17, 22, 23, 25, 26	43	25	211	358	85	47	0	18.6	210	47	25	23	210	67	25	1940
		Duirinish	38	20	17	26	2	15	83	298	262	62	37	12.3	210	36	26	01	210	64	26	0155
	Inverness	Benbecula	16	10	10	15, 17, 25, 26	29	25	248	337	106	24	0	18.6	190	43	25	22	190	64	25	2210
		Fort Augustus (N.S.H.E.A.)	58	16	16	-	0	3	8	146	311	228	51	6.8	230	25	25	23	230	52	25	2135
		Cairngorm	1074	9	9	1-4, 7, 12, 14, 15, 17, 19-26	89	27	319	207	50	10	69	23.7	210	48	26	04	240	83	1	0820
1	Mo'ay	Kinloss	17	13	13	17	5	11	70	363	257	49	0	12.6	280	41	17	22	280	57	17	1930
		Lossiemouth	31	24	18	4, 17	7	9	71	329	269	68	0	12.1	280	41	17	21	270	70	17	2040
	Aberdeen	Dyce	71	9	9	4	1	10	74	364	234	71	0	12.4	340	34	4	09	340	51	4	0805
	Angus	Bell Rock	39	40	38	1, 4, 14, 15, 17, 18, 25, 26	52	27	299	306	67	20	0	20.9	220	48	26	03	220	71	26	0320
	Perth	Rannoch	307	17	17	-	0	1	1	136	418	189	0	6.7	280	22	15	05	260	48	1	0515
		Tunnel Bridge	161	16	16	-	0	14	86	388	222	43	0	13.4	210	39	26	06	210	57	26	0435
	Fife	Leuchars	24	12	12	26	16	24	215	331	125	24	33	17.7	200	39	26	06	200	61	26	0825
	West Lothian	Forth Road Bridge	72	9	72	1, 8, 15, 26	0	10	55	348	291	50	0	11.8	210	30	26	06	200	50	26	0420
	Midlothian	Turnhouse	42	12	10	-	0	10	55	348	291	50	0	11.8	210	30	26	06	200	50	26	0420
		Edinburgh, Blackford Hill	151	15	10	-	0	10	55	348	291	50	0	11.8	210	30	26	06	200	50	26	0420
6a	Argyll	Tiree	27	18	14	1, 4, 13-15, 17, 19, 20, 25, 26	56	27	306	287	62	33	0	20.7	210	45	25	16	200	69	25	1640
	Dunbarton	Cumbernauld	166	10	10	26	1	14	114	325	270	34	0	13.5	210	35	26	06	220	55	26	0605
	Renfrew	Paisley	57	25	9	-	0	6	18	257	350	119	0	9.1	220	27	26	04	220	54	26	0250
		Abbotsinch	16	10	10	-	0	11	62	321	283	78	0	11.3	210	33	26	03	200	55	26	0445
	Lanark	Lowther Hill	736	13	10	5	21	22	191	427	86	8	11	18.2	270	42	8	03	220	60	26	0540
	Ayr	Hunterston	13	9	9	26	1	12	68	403	185	84	3	13.0	190	34	26	02	190	56	26	0155
		Prestwick	21	10	10	-	0	9	56	396	236	56	0	12.4	240	28	26	07	230	53	26	0625
	Dumfries	Chapelcross	94	15	15	Ø	0	15	74	321	221	128	0	11.5	190	33	14	05	200	55	14	0405
		Eskdalemuir	251	15	11	-	0	15	82	441	193	18	10	14.0	220	33	14	03	220	56	14	0210
	Wigtown	West Freugh	25	10	10	-	0	15	82	441	193	18	10	14.0	220	33	14	03	220	56	14	0210
6b	Isle of Man	Ronaldsway	25	10	10	1, 4, 14, 25, 26	21	23	192	395	120	16	0	17.6	220	40	26	05	220	61	26	0455
		Point of Ayre	20	10	10	4, 8, 14, 15, 17, 26	18	24	228	394	95	9	0	18.5	220	38	26	05	220	65	26	0435
2	Durham	Durham	119	16	10	-	0	5	16	356	267	105	0	10.8	270	29	26	11	270	59	26	1040
		South Shields	22	17	13	17	3	7	21	277	363	80	0	9.8	010	39	17	06	350	54	17	0550
	Yorks, N.R.	Leeming	42	10	10	-	0	14	37	370	309	28	0	11.9	240	29	26	10	240	45	26	0930
		Silpho Moor	207	15	9	-	0	14	37	370	309	28	0	11.9	240	29	26	10	240	45	26	0930
	Lincoln	Cranwell	76	12	12	-	0	8	21	289	337	97	0	9.6	230	28	26	11	230	46	26	1045
		Binbrook	118	10	10	-	0	19	120	443	173	8	0	15.1	230	30	26	12	260	45	17	1720
		Manby	26	10	10	-	0	8	30	441	267	6	0	12.6	240	28	26	12	270	42	17	0710
3	Norfolk	Gorleston	16	13	13	17	8	12	88	368	208	9	63	14.1	220	38	17	07	240	56	17	0800
	Suffolk	Mildenhall	30	25	18	-	0	5	25	368	306	45	0	11.3	250	32	17	09	250	57	17	0810
	Bedford	Bedford	98	13	9	-	0	8	48	422	250	24	0	12.8	260	31	17	09	250	54	17	0720
		Cardington	69	41	41	17	7	17	135	427	147	28	0	15.6	220	39	17	06	210	63	3	2000
	Hertford	Garston	94	15	10	-	0	0	0	144	514	84	2	7.4	230	21	17	05	270	43	17	0820
		Rothamsted	141	13	10	-	0	0	0	122	485	137	0	7.1	240	20	17	04	240	50	17	0810
	Essex	Stansted	107	9	9	-	0	8	24	374	311	35	0	11.2	250	31	17	09	270	49	17	1010
		Coryton	20	17	15	-	0	6	27	416	267	6	28	12.2	230	31	27	24	230	62	27	2345
		Shoeburyness	36	32	28	3, 14, 16, 17, 19, 27	29	16	130	489	87	9	0	17.2	210	49	17	04	200	67	17	0305
4	Yorks, W.R.	Sheffield	162	25	11	-	0	1	1	182	318	225	18	6.7	210	22	26	11	210	48	26	1025
	Warwick	Edgbaston	196	36	22	-	0	4	7	347	384	6	0	10.8	270	25	17	08	290	47	17	0800
		Elmdon	105	9	9	-	0	9	33	389	316	6	0	12.3	280	28	17	08	210	51	17	0010
	Buckingham	Amersham	152	15	15	-	0	5	20	214	418	88	4	9.1	230	28	17	06	230	56	17	0400
	Stafford	Keele	215	15	10	-	0	0	0	239	430	75	0	8.9	190	21	25	09	270	43	17	1650
	Worcester	Pershore	47	10	10	-	0	12	69	411	220	44	0	12.9	240	32	17	03	290	50	17	0645
	Gloucester	Avonmouth	28	19	10	-	0	12	69	411	220	44	0	12.9	240	32	17	03	290	50	17	0645
5	Greater London	London W/Centre	93	70	38	-	0	6	25	462	247	10	0	12.1	220	29	17	05	230			



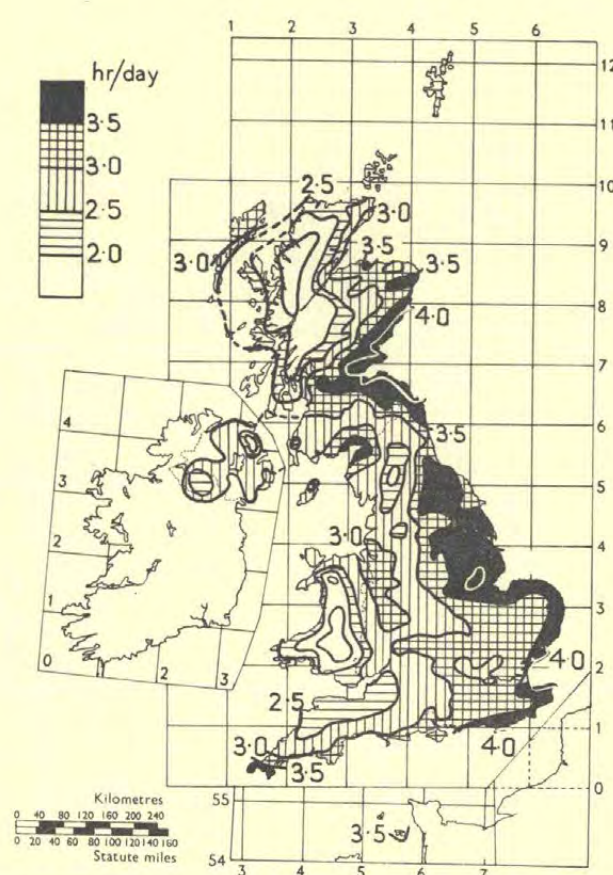
# MONTHLY WEATHER CHARTS OCTOBER 1967

## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

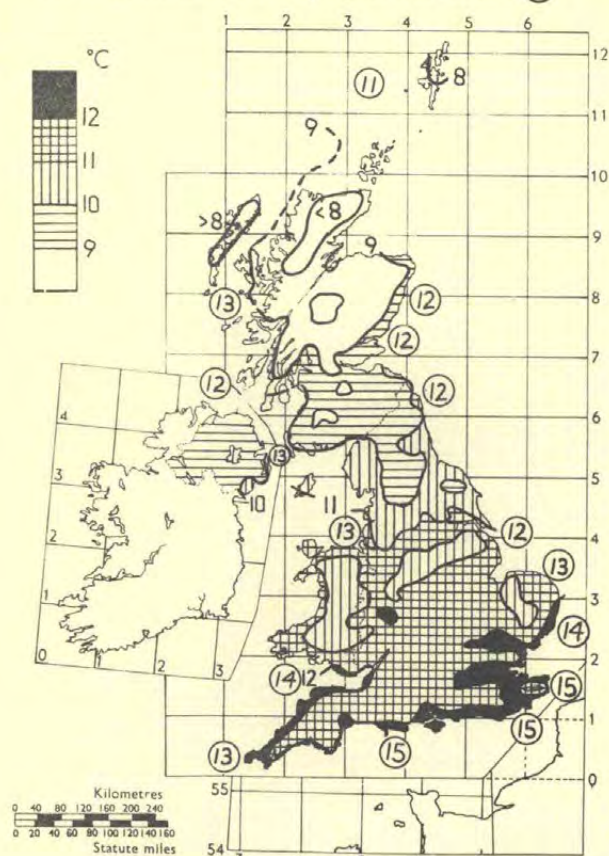


## BRIGHT SUNSHINE



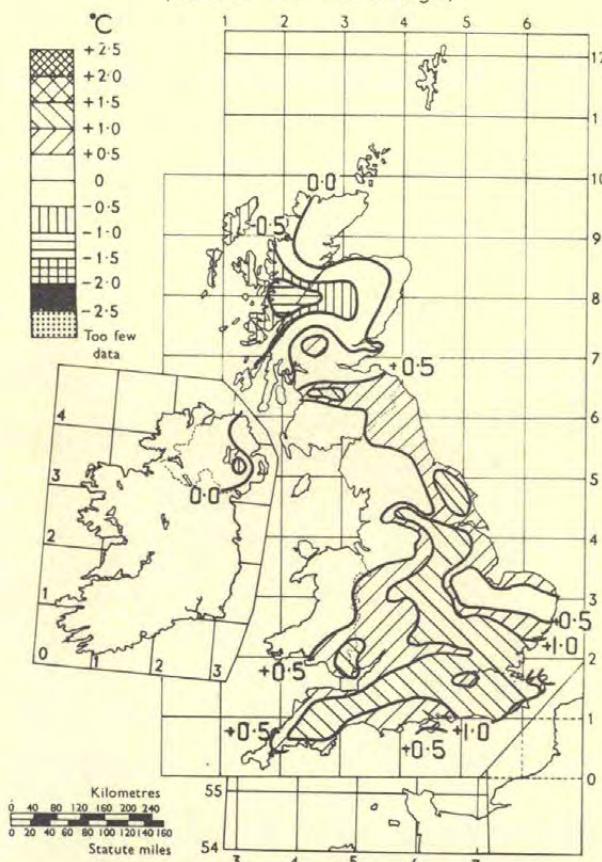
## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100 metres. Sea temperatures are shown by figures in circles thus (10).



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE

(based on 1931-1960 averages)





# RAINFALL

## OCTOBER 1967

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

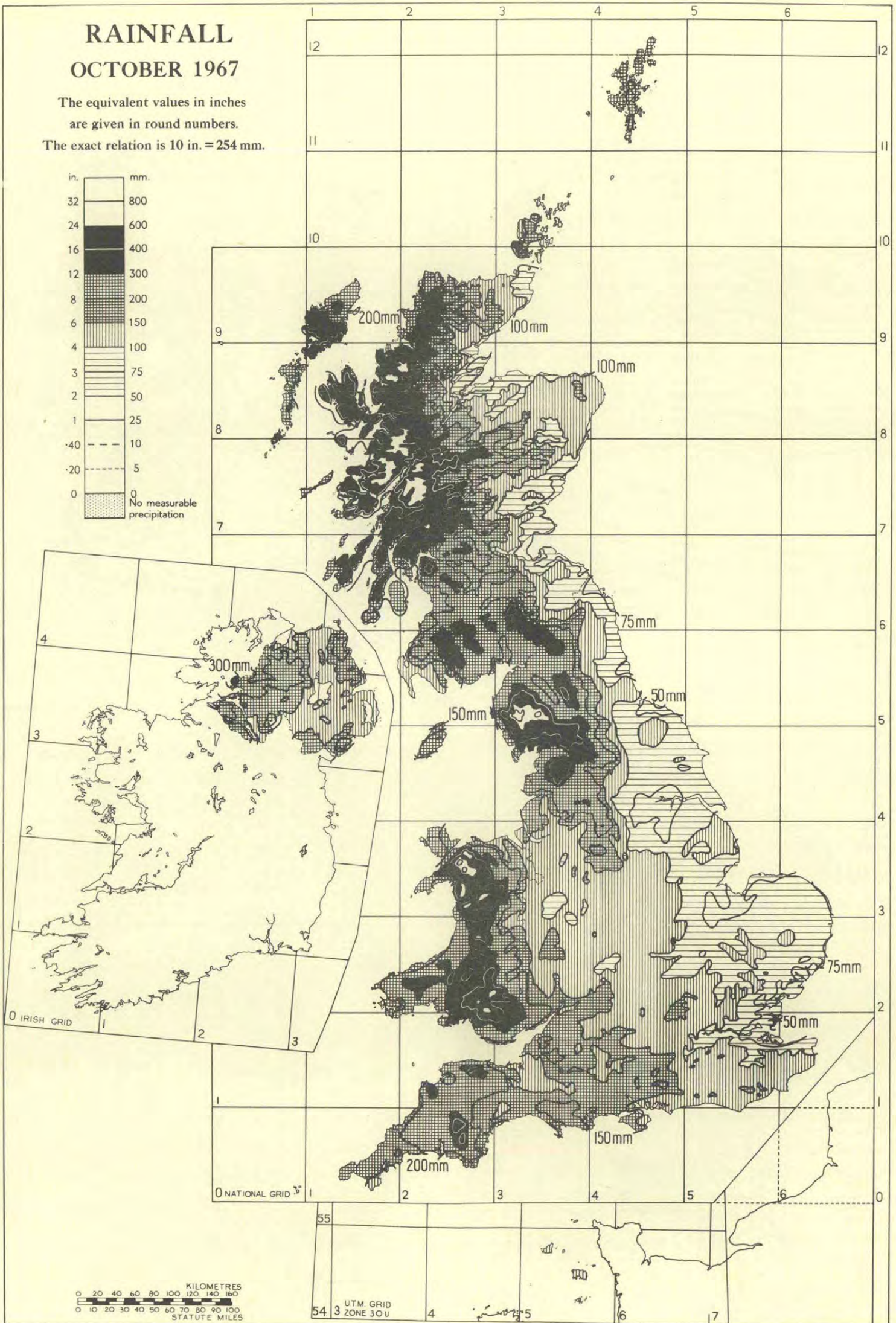
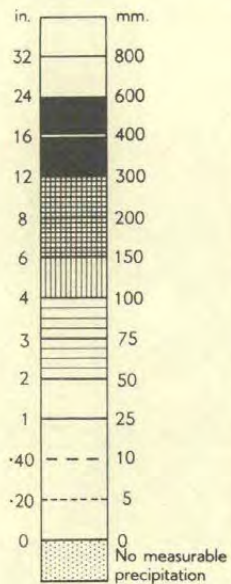




TABLE III

## —SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER												BRIGHT SUNSHINE			
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure	
				A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																		
																	30 cm.	122 cm.													
0 SCOTLAND, N.																															
Zetland	Hamnavoe	99	21	10.4	6.4	8.4	-	13.9	3	0.6	17	-	-	163	-	15	17	27	24	3	0	4	0	1	0	0	-	7	2.34	-	-
	Lerwick	21-9	82	9.5	5.7	7.6	-0.5	13.2	1	-0.3	16	-	-	183	154	18	19	27	23	4	0	2	7	1	0	1	4	4	2.27	105	-
Orkney	Baltsound	99	24	10.1	4.2	7.1	-	12.8	1,7,8	-1.1	17	8.8	-	180	149	19	25	29	26	3	0	0	0	1	0	1	-	1	2.16	-	-
	Sule Skerry	21-9	13	10.6	7.4	9.0	-	13.4	20	0.5	18	-	-	190	-	29	19	29	25	1	0	1	0	0	0	0	5	6	-	-	
Orkney	Stenness	99	23	10.7	5.7	8.2	-	14.4	1,11	1.1	28	9.3	10.2	152	132	17	3	30	26	4	0	0	0	0	0	0	7	5	2.32	-	-
	Evie	99	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caithness	Kirkwall	21-9	26	10.6	5.7	8.1	-0.8	14.6	1	0.4	16	-	-	153	133	25	3	30	22	3	0	5	0	0	0	0	6	3	2.39	96	-
	Dounreay	99	21	11.6	3.8	7.7	-	15.6	7	-1.7	28	-	-	122	-	30	3	28	25	0	0	0	0	0	0	2	2	4	-	-	
Sutherland	Wick	21-9	36	10.8	6.0	8.4	-0.6	14.7	8	0.1	30	-	-	91	115	24	3	27	19	2	0	0	0	0	0	0	6	1	3.01	107	-
	Cape Wrath	21-9	112	9.7	6.2	7.9	-1.5	13.2	20	1.5	17	-	-	183	140	21	3	31	28	0	4	0	0	0	0	0	3	6	2.46	-	-
Ross & Cromarty	Achfary	99	46	10.7	4.9	7.8	-	13.3	8	0.0	16,28	-	-	305	-	27	3	31	31	-	-	-	-	0	0	0	6	-	-	-	-
	Achany	99	85	11.2	3.3	7.3	-	17.2	6	-2.8	17	9.1	10.7	131	110	22	3	30	26	2	0	3	0	0	0	7	21	0	3.39	-	-
Ross & Cromarty	Strathay	99	37	10.7	4.2	7.5	-1.1	15.0	1,6	-1.7	28	-	-	151	123	33	3	29	24	4	0	1	0	0	0	3	-	0	2.54	108	S
	Stornoway	21-9	3	10.8	5.5	8.1	-1.3	14.1	6,7	-0.5	16	-	-	220	198	21	20	30	30	1	0	6	0	0	0	1	6	3	3.21	130	-
Ross & Cromarty	Balmacara	99	4	11.7	6.1	8.9	-	15.0	6	0.0	17	-	-	403	-	46	13	31	29	1	0	0	4	0	0	1	-	1	-	-	-
	Poolwee	99	6	11.4	5.9	8.7	-	15.0	6	1.1	18,28	-	-	342	212	37	12	29	29	-	-	-	-	0	0	1	-	1	-	-	-
Ross & Cromarty	Rudh Re	21-9	16	11.0	7.3	9.1	-	15.5	21	1.4	17	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	4	-	-	-	
	Inverpoll	99	14	11.1	5.7	8.4	-	15.0	6	0.6	17	10.0	-	251	-	19	3	31	30	1	0	0	0	0	0	0	9	3	1.40	-	S
Inverness	Achnashellach	99	67	10.7	4.3	7.5	-1.2	14.4	6	-2.2	17	-	-	369	159	35	13	31	27	1	0	0	0	0	0	1	-	0	-	-	-
	Kinlochewe	99	23	11.2	4.6	7.9	-1.5	15.6	9	-2.2	17	9.6	-	344	156	32	25	29	29	2	0	0	0	0	0	2	9	0	-	-	
Inverness	Fortrose	99	5	11.4	6.9	9.1	-0.6	14.4	1,6,7	0.0	18	-	-	69	97	24	3	23	13	1	0	0	0	0	0	0	-	2	2.99	108	-
	Tarbatness	21-9	18	11.4	6.5	8.9	-0.4	15.0	6,7,8	-0.4	18	-	-	79	127	24	3	22	11	2	0	0	0	0	0	1	-	4	-	-	-
Inverness	Benbecula	21-9	6	11.2	6.7	8.9	-0.9	15.2	5	0.2	17	-	-	254	195	24	13	31	29	2	0	0	5	0	0	0	5	7	2.91	-	-
	Isle of Rhum	99	5	11.4	6.4	8.9	-	14.4	6,8,9	-0.6	17	9.9	11.7	520	178	55	13	31	30	1	0	9	4	2	0	1	6	7	-	-	
Inverness	Prabost	99	67	10.6	5.4	8.0	-	13.3	7,8,9	0.0	17,18	-	-	362	167	51	25	30	28	1	0	0	10	3	0	0	8	7	2.23	-	-
	Duntulm	99	90	10.4	6.1	8.3	-1.1	13.3	6,7	0.0	18	-	-	256	167	31	12	28	28	1	0	13	1	2	0	0	3	6	1.95	87	S
Inverness	Onich	99	15	11.4	5.8	8.6	-0.9	14.4	9,24	0.0	16	-	-	352	152	47	6	29	25	-	-	-	-	0	0	9	-	1.72	83	S	
	Fort William	99	8	11.5	5.8	8.7	-	14.4	6,9,24	-0.6	16,17	9.3	10.7	346	-	36	6	29	25	1	0	0	2	3	0	2	6	5	1.45	-	S
Inverness	Fort Augustus	99	21	11.1	5.1	8.1	-0.7	14.4	6,8,9	-0.6	16,17,18	-	-	250	-	29	25	29	23	1	0	0	0	0	0	3	-	3	1.85	-	-
	Cannich	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverness	Inverness	99	4	11.9	6.2	9.1	-	16.1	6,25	0.0	18	-	-	76	112	17	3	23	16	1	0	0	0	0	0	0	4	0	3.33	-	-
	Coire Cas Shieling	99	762	6.5	1.7	4.1	-	14.4	9	-4.4	18	-	-	213	-	27	3	27	26	7	5	0	1	0	2	8	-	-	-	-	-
Inverness	Cairngorm	99	1090	3.2	-1.1	1.1	-	11.1	8,9	-7.2	18	-	-	-	-	-	-	-	11	15	0	0	0	0	-	23	-	21	-	-	S
	Achnagoichan	99	305	9.9	3.3	6.6	-	15.6	9	-2.2	31	7.9	-	125	-	16	7	27	24	-	-	-	-	-	3	20	-	-	-	-	-
Glenmore Lodge	Glenmore Lodge	99	341	10.2	3.6	6.9	-0.6	15.7	9	-2.0	31	-	-	121	108	22	3	29	20	-	0	-	-	-	0	6	14	-	3.12	-	S
1 SCOTLAND, E.																															
Nairn	Nairn	99	6	11.9	5.4	8.7	-0.5	17.8	6	-0.6	17	-	-	67	97	23	3	25	15	1	0	0	0	0	0	1	8	5	3.36	112	-
	Grantown-on-Spey	99	221	10.6	3.6	7.1	-	15.0	1,9	-1.7	30,31	-	-	98	-	27	3	25	17	1	0	0	0	0	0	6	-	0	-	-	-
Moray	Forres	99	47	11.2	5.2	8.2	-0.9	16.7	6	-1.1	17	9.3	11.0	78	113	34	3	21	13	1	0	0	0	0	0	1	5	0	3.25	108	-
	Kinloss	21-9	5	12.0	5.3	8.7	-0.5	16.9	6	-2.0	31	9.6	-	79	116	36	3	21	14	1	0	0	1	0	0	4	5	3	3.24	-	-
Moray	Elgin	99	15	12.2	5.1	8.7	-	16.7	1,6	-1.7	31	-	-	94	132	40	3	17	14	0	0	0	0	0	0	3	8	0	3.58	-	-
	Lossiemouth	99	6	12.1	4.1	8.1	-1.0	16.7	6	-2.8	31	-	-	119	175	40	3	18	14	1	0	1	0	0	0	5	11	3	-	-	-
Banff	Gordon Castle	99	32	12.1	4.9	8.5	-0.7	17.2	6	-1.1	31	-	-	89	111	26	3	20	14	0	0	0	0	0	0	2	-	0	2.99	104	-
	Glenlivet	99	215	10.7	3.9	7.3	-	16.0	1	-1.9	18	-	-	108	-	36	3	27	19	1	0	0	0	0	0	5	14	0	3.39	-	-
Aberdeen	Banff	99	24	11.9	6.1	9.0	-	16.1	1	0.0	18	-	-	102	-	19	3	22	17	1	0	0	0	0	0	0	3	2.81	-	-	-
	Braemar	99	339	9.6	3.5	6.5	-0.5	14.4	9	-1.7	16	-	-	137	130	17	3	29	21	-	2	-	-	-	0	3	9	-	2.63	-	S
Aberdeen	Balmoral	99	283	10.2	2.6	6.4	-0.8	15.6	9	-2.2	30	-	-	109	116	17	3	28	20	1	0	0	0	0	-	6	15	0	-	-	-
	Dinnet	99	177	11.6	4.1	7.9	-	16.7	9	-1.7	30	8.9	-	74	-	16	3	23	14	0	0	0	0	0	0	3	14	2	3.89	-	-
Aberdeen	Huntly	99	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fyvie Castle	99	66	11.6	3.7	7.7	-	15.6	9	-1.7	30,31	-	-	142	1																



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE			
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-30 average	Most in a day (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
				A Max.	B Min.	Mean Temperature (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																		
				30 cm.	122 cm.																										
1 SCOTLAND, E.—cont.																															
Midlothian	Davidson's Mains	99	61	12.4	5.8	9.1	-0.2	16.7	9	0.0	18	9.2	-	116	157	22	6	25	17	1	0	0	0	0	0	0	7	1	4.13	-	-
—cont.	Penicuik ...	99	189	11.4	4.7	8.1	-0.5	15.6	9	-1.1	18,19	9.8	-	163	166	20	6	22	22	1	0	0	0	1	0	2	10	0	3.15	-	-
	Bush House ...	99	184	11.5	5.1	8.3	-	16.1	9	-0.6	18	9.2	10.8	148	159	22	6	24	20	1	0	1	0	0	0	1	4	1	3.93	-	-
	Edinburgh—																														
	Blackford Hill etc.	99	134	12.3	6.4	9.3	-0.2	16.7	9	0.6	18	-	-	102	142	17	6	22	16	0	0	0	0	0	0	0	4	-	4.34	140	-
	Royal Bot. Gdns.	99	23	12.9	6.1	9.5	-0.1	17.2	9	0.6	18	9.8	-	93	133	18	6	22	14	0	0	0	0	0	0	11	0	4.05	143	-	
E. Lothian	Haddington ...	99	49	12.9	6.2	9.5	-	17.8	9	0.6	18	-	-	70	103	18	16	19	13	1	0	1	0	0	0	0	3	0	3.86	-	8
	Dunbar ...	99	23	12.9	6.8	9.9	+0.1	18.9	9	1.1	18	-	-	63	103	12	16	15	11	0	0	0	0	0	0	0	1	0	4.91	154	-
Berwick	Mertoun ...	99	69	12.7	5.3	9.0	-	16.7	9	0.0	18	-	-	78	-	20	16	22	17	0	-	0	0	0	-	0	11	0	3.70	-	-
	Lauder ...	99	183	11.6	4.2	7.9	-	16.7	1	-0.6	18	-	-	110	-	21	16	25	19	1	0	0	0	0	1	12	2	3.77	-	-	
	Marchmont ...	99	152	11.8	5.3	8.5	-0.2	16.1	9	0.0	18	-	-	96	116	21	16	27	19	0	0	0	0	0	0	-	6	2.94	120	8	
	Whitchester ...	99	255	11.3	4.2	7.7	-	15.6	9	-1.1	18	-	-	111	123	25	16	28	17	2	1	0	0	0	-	2	0	-	-	-	
	St. Abb's Head ...	99	75	12.2	6.6	9.4	-	17.6	9	2.0	18	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	2	-	-	-	
Peebles	Stanhope Farm ...	99	226	11.2	5.4	8.3	-	16.1	8	-1.7	18	-	-	226	184	34	8	24	23	0	0	0	0	0	0	1	12	1	-	-	-
	Blyth Bridge ...	99	253	10.7	4.7	7.7	-	15.6	8,9	-1.1	18	-	-	159	169	21	8	26	22	0	0	0	0	0	0	1	13	2	2.88	-	-
	West Linton ...	99	244	11.2	4.3	7.7	-	15.6	9	(-2.8)	18	8.7	11.0	170	167	23	8	26	21	0	0	0	0	0	0	2	4	0	-	-	-
	Glentworth ...	99	177	12.2	5.2	8.7	-	16.7	9	-0.6	18,29	-	-	129	155	21	16	24	19	0	0	0	0	0	0	2	-	0	-	-	-
Selkirk	Bowhill ...	99	183	11.7	5.3	8.5	-	15.6	8,9	0.6	18,30	-	-	134	146	24	16	24	22	1	0	0	0	0	0	-	3	-	-	-	-
Roxburgh	Wauchope ...	99	171	11.7	5.4	8.5	-	15.6	8,9	-1.7	18	-	-	157	171	18	16	27	21	0	0	1	0	0	0	2	-	3	-	-	-
	Kelso ...	99	35	12.9	5.8	9.3	-	18.3	9	0.0	18	-	-	74	-	19	16	22	12	0	0	0	0	0	0	0	7	1	3.39	-	-
	Sourhope ...	99	274	11.1	5.2	8.1	-0.2	15.6	9	-1.1	18	-	-	115	-	42	16	22	17	0	0	2	0	0	0	1	6	1	3.05	-	-
6a SCOTLAND, W.																															
Argyll	Tiree ...	21-9	9	11.6	7.1	9.3	-1.1	14.7	7	1.8	17	-	-	199	153	21	18	30	28	1	0	0	6	0	0	0	3	7	2.53	95	-
	Rhuvaal ...	21-9	20	11.7	7.1	9.4	-	16.4	9	2.2	17	-	-	308	174	32	1	29	29	0	0	4	0	1	0	0	0	3	-	-	-
	Colonsay ...	99	27	11.9	6.8	9.3	-0.9	15.0	8,9	0.0	16	-	-	234	146	24	13	30	28	1	-	5	0	0	0	0	-	5	-	-	-
	Craighouse ...	99	3	12.2	6.7	9.5	-	15.6	7,8,9	1.1	17	-	-	289	-	27	18	30	27	-	0	-	-	-	0	0	1	-	-	-	-
	Machrihanish ...	21-9	10	12.3	7.6	9.9	-	17.5	9	2.5	17,18	-	-	185	-	33	18	28	25	0	0	6	1	0	0	0	3	3	3.01	-	-
	Campbeltown ...	99	3	13.1	7.7	10.4	-	17.2	8,9	3.9	16,18	-	-	167	-	19	8	26	24	0	0	0	0	0	17	0	-	0	2.67	-	-
	Polloch ...	99	10	11.8	5.0	8.4	-	15.0	1,8	-1.7	17	-	-	423	-	35	24	31	30	0	-	0	0	0	-	2	7	0	-	-	-
	Achaglachgach ...	99	12	12.1	5.8	8.9	-	16.1	9	0.0	16	-	-	235	125	43	8	28	24	0	-	1	0	0	0	0	4	0	-	-	-
	Lepinmore ...	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Glenbranter ...	99	24	11.5	5.7	8.6	-	17.2	1	-0.6	16,30	-	-	404	-	42	8	29	27	0	0	1	0	0	0	2	6	0	-	-	-
	Benmore Y.B.G.*	99	12	11.7	6.3	9.0	-	16.1	9	0.0	16	-	-	389	141	40	8	29	26	1	0	1	1	1	1	1	7	0	-	-	-
Bute	Kildonan ...	99	18	12.2	8.0	10.1	-	15.0	9	1.5	18	-	-	177	-	33	8	27	25	0	-	0	0	2	0	0	1	12	-	-	-
	Brodie Castle ...	99	15	12.9	7.1	10.0	-	16.7	8,9	2.2	16,18	10.8	-	364	-	36	8	30	28	0	0	0	0	0	0	0	5	2	-	-	-
	Rothsay ...	99	43	12.0	7.1	9.5	-0.1	15.6	6,8,9	1.1	18	9.7	11.2	243	144	26	8	27	25	1	0	0	0	0	0	0	3	0	1.98	83	-
	Millport ...	99	5	12.4	7.5	9.9	-0.7	15.0	7,8,9	1.7	18	-	-	218	166	31	8	28	26	0	0	1	0	0	0	0	-	1	-	-	-
Dunbarton	Finnart ...	99	15	11.7	6.1	8.9	-	15.6	9	1.1	16,18,29	-	-	322	-	28	6	28	25	1	0	0	0	0	-	0	-	0	-	-	-
	Helensburgh ...	99	89	11.6	5.8	8.7	-0.4	15.0	8,9	0.0	17,18	-	-	266	158	31	6	28	27	1	0	0	0	0	0	2	-	1	2.93	136	-
	Sloy ...	21-9	12	11.5	6.5	9.0	-	15.2	6,9	0.6	16	-	-	478	-	57	6	28	24	1	-	1	0	0	0	0	-	1	-	-	-
	Cumbernauld ...	99	94	11.4	4.7	8.1	-	15.6	9	-1.7	30	-	-	222	-	46	6	27	24	0	0	0	0	1	0	3	5	1	-	-	-
Stirling	Earl's Hill ...	21-9	335	9.2	3.7	6.5	-	14.4	9	-3.4	18	-	-	247	-	31	13	28	23	-	-	-	-	2	3	8	-	3.17	-	-	-
	Stirling ...	99	46	12.2	5.5	8.9	-0.5	16.7	9	(-0.6)	30	9.8	12.1	186	175	25	25	26	21	0	0	0	0	0	0	1	8	0	3.81	-	-
	Falkirk Swge. Wks.	99	3	12.8	5.8	9.3	-	16.7	9	-0.6	16,17	-	-	177	-	33	6	21	20	0	0	0	0	0	1	2	-	0	-	-	-
	Grangemouth ...	99	4	12.6	6.2	9.4	-	16.7	9	0.6	30	-	-	166	-	33	6	23	18	0	0	0	0	0	0	0	4	0	-	-	-
Renfrew	Greenock ...	99	61	11.5	6.9	9.2	-0.6	15.6	9	0.6	18	-	-	313	166	34	8	27	25	1	0	0	0	0	0	0	6	1	2.97	-	-
	Paisley ...	99	32	11.9	6.7	9.3	-0.5	16.1	9	0.6	18	10.4	11.4	257	198	45	6	27	25	2	0	3	0	0	1	0	4	1	3.61	156	-
	Barrhead ...																														



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE		
					MEANS OF		Mean Temperature (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Cale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
					A Max.	B Min.			Maximum	Date	Minimum	Date																				
					2 ENGLAND, N.E.																											
Northumberland	Kielder Castle ...	99	201	11.5	4.4	7.9	-	15.6	8,9	-1.7	16,18,30	10.5	-	292	232	36	16	27	21	0	0	1	0	0	0	1	3	12	0	-	-	-
	Haydon Bridge ..	99	79	12.9	6.2	9.5	-	20.0	9	-0.6	18	10.3	11.8	163	-	45	16	24	18	0	0	0	0	0	0	1	3	1	-	-	-	
	Corbridge ...	99	49	13.3	6.2	9.7	-	18.9	9	0.0	16	-	-	107	-	42	16	21	14	0	0	0	0	0	0	0	3	0	-	-	-	
	Berwick-on-Tweed †	99	23	12.6	6.8	9.7	+0.2	17.8	9	1.7	18	-	-	62	102	14	16	16	9	0	0	0	0	0	0	0	3	1	4.33	133	-	-
	Cockle Park †	99	99	(13.7)	(6.0)	(9.9)	+0.9	20.6	9	0.0	18	(9.3)	-	(49)	(138)	41	16	(24)	(12)	0	-	0	0	-	1	3	1	(3.43)	(111)	-	-	
Durham	Acklington ...	21-9	42	12.8	6.0	9.4	-	19.9	9	0.8	12	-	-	76	117	35	16	19	13	1	0	0	1	0	0	0	6	2	3.77	-	-	
	Tynemouth ...	21-9	29	12.8	7.9	10.3	-0.1	18.0	9	1.5	18	-	-	75	119	30	16	15	11	0	0	0	0	0	0	0	1	1	3.23	108	-	-
	Seahouses ...	21-9	11	13.7	7.0	10.3	-	18.6	9	1.4	18	-	-	74	-	25	16	12	9	0	0	0	0	0	-	0	-	4	3.90	-	-	
	Chopwellwood ...	99	136	12.5	6.0	9.3	+0.1	18.3	9	0.6	18	-	-	86	123	41	16	20	14	0	0	0	0	0	0	0	13	1	-	-	S	
	Ushaw College ...	99	181	12.3	5.4	8.9	-0.3	16.7	9	0.6	18	-	-	89	129	42	16	19	12	0	0	0	0	0	1	0	-	1	-	-	-	
Yorks., N. Riding	Houghall ...	99	37	13.3	6.3	9.8	+0.5	17.8	9	1.7	18	-	-	92	137	40	16	18	13	1	0	0	0	0	0	0	10	0	3.50	120	-	S
	Durham †	99	102	12.8	6.1	9.5	+0.1	17.2	9	1.1	18	10.8	12.2	87	143	39	16	18	13	-	-	-	-	-	0	4	-	3.47	115	-	-	
	Hartlepool ...	99	9	13.6	7.6	10.6	-	17.8	8,9	2.2	18	-	-	118	200	47	16	18	11	0	0	0	0	0	0	-	1	3.27	-	-	-	
	Thirsk ...	99	34	13.4	6.4	9.9	-	17.8	8	-0.6	30	-	-	86	-	30	16	20	14	0	0	0	0	0	0	1	3	2	-	-	-	
	Leeming ...	21-9	32	13.5	7.3	10.4	-	17.6	9	1.7	30	-	-	82	-	34	16	20	13	0	0	0	0	0	0	0	1	0	3.87	-	-	-
Yorks., E. Riding	York (Heslington)	99	20	13.9	7.4	10.7	-	17.8	6,8,9	1.7	30	10.8	12.3	80	-	27	16	19	12	-	-	-	-	-	0	0	1	-	3.53	-	-	-
	Ampleforth ...	99	95	12.6	6.7	9.7	+0.2	16.7	8	1.7	18	-	-	104	151	27	16	23	16	0	-	0	0	0	0	0	5	0	-	-	-	-
	Redcar ...	99	8	13.9	7.7	10.8	-	18.3	9	1.7	18	-	-	73	126	34	16	18	13	-	-	-	-	-	0	0	-	3.73	-	-	-	
	Pickering ...	99	44	13.2	6.1	9.1	-	17.2	9	-1.1	30	-	-	84	-	24	16	22	13	0	0	0	0	1	0	1	8	0	-	-	-	
	Whitby ...	99	41	-	-	-	-	-	-	-	-	-	-	75	-	24	16	-	-	0	0	0	0	0	1	0	-	4.15	133	-	-	
Lincoln	Scarborough †	99	36	13.6	-	-	-	17.8	7,9	2.2	18	12.3	12.8	85	132	29	16	17	11	0	0	0	0	1	0	0	1	0	3.71	117	-	-
	Silpho Moor ...	99	203	-	5.7	-	-	16.1	7,8,11	0.6	18	-	-	112	144	39	16	25	17	0	0	0	0	0	0	2	0	3	0	3.44	-	-
	Whitby C'Guard	21-9	63	12.8	7.5	10.1	-	17.3	9	1.4	18	-	-	53	-	20	16	12	8	0	0	0	0	0	0	0	0	7	-	-	-	
	High Mowthorpe	99	175	12.1	6.2	9.1	-	16.7	9	0.6	15,18	10.6	-	88	99	27	16	21	14	-	-	-	-	1	0	5	-	3.05	-	-	-	
	Hull ...	99	2	14.4	8.2	11.3	+0.6	19.4	6	2.2	18	11.6	13.3	89	148	30	16	20	13	0	0	0	0	0	0	0	3	2	3.56	117	-	-
Suffolk	Leconfield ...	21-9	7	13.8	7.8	10.8	-	18.5	6	2.3	18	9.7	-	91	-	25	16	19	11	0	0	0	0	0	0	0	2	0	3.57	-	-	-
	Filey ...	99	37	13.2	6.8	10.0	-	17.8	9	1.1	18	-	-	88	142	36	16	15	10	0	0	0	0	0	0	0	1	0	-	-	-	-
	Bridlington ...	99	48	13.2	6.8	10.0	-	17.8	11	1.1	18	-	-	91	140	24	16	22	14	0	0	0	0	0	0	0	2	2	3.55	-	-	-
	Kilnsea ...	21-9	12	13.5	8.3	10.9	-	18.4	1	3.0	18	-	-	85	-	33	16	21	14	0	0	0	0	1	0	0	-	10	3.47	-	-	-
	Waddington ...	21-9	68	13.7	7.6	10.7	+0.7	18.5	11	2.4	18	-	-	101	-	41	16	21	13	0	0	0	0	1	0	0	0	0	3.87	-	-	-
Cambridge	Lincoln ...	99	7	14.3	7.2	10.7	-	19.4	7	-0.6	30	12.3	12.9	89	168	33	16	23	11	0	0	0	0	0	0	1	6	1	3.85	-	-	-
	Cranwell †	99	62	14.1	7.6	10.9	+0.9	19.2	7	2.2	18	11.3	12.7	86	156	26	16	17	13	0	0	0	0	1	0	0	1	0	4.02	121	-	-
	Brigg ...	99	3	14.3	7.2	10.7	-	18.9	6,11	0.0	30	-	-	92	-	27	16	22	16	0	0	0	0	0	1	0	4	0	-	-	-	-
	Caistor ...	99	30	(14.1)	(6.9)	(10.5)	-	19.4	1	-0.6	30	-	-	102	-	30	16	(21)	(19)	-	-	-	-	-	1	-	-	-	-	-	-	-
	Binbrook ...	21-9	108	13.1	7.2	10.1	-	18.1	11	1.0	30	-	-	110	-	33	16	25	17	0	0	0	0	1	1	0	2	0	-	-	-	-
Hertford	Cleethorpe ...	99	7	14.6	7.9	11.3	+0.7	19.4	1	2.2	18	-	-	-	-	27	16	-	-	-	-	-	-	-	0	0	-	3.49	101	-	-	-
	Manby ...	21-9	17	14.1	7.5	10.8	-	18.9	11	1.3	18	12.1	-	94	177	32	16	21	19	0	0	0	0	1	0	0	2	0	3.70	-	-	-
	Skegness ...	99	5	14.7	7.8	11.3	+0.7	18.9	7,8,9	2.2	30	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	1	-	-	-	-
	Terrington St. Cl.	99	4	14.3	7.7	11.0	-	19.4	7	2.2	18,30	11.7	-	67	140	11	16	22	17	0	0	0	0	0	0	0	0	0	-	-	-	-
	Santon Downham	99	24	14.6	6.9	10.7	-	20.6	7	-1.7	23	12.1	12.7	100	164	17	10	23	16	-	0	-	-	-	-	1	8	-	2.99	-	-	-
Norfolk	West Raynham ...	21-9	76	13.6	7.5	10.5	+0.3	19.0	7	0.9	30	-	-	79	114	17	16	21	15	0	0	0	0	1	0	0	2	1	3.53	-	-	-
	East Dereham ...	99	53	14.4	7.9	11.1	-	19.9	7	1.8	30	-	-	88	-	17	10	20	13	0	0	0	0	0	0	0	1	11	-	-	-	-
	Cromer ...	99	54	14.1	7.2	10.7	-0.4	18.9	7,10	2.8	19	-	-	85	121	14	16	19	18	-	0	-	-	-	0	0	0	-	-	-	-	-
	Sproston †	99	28	14.3	7.9	11.1	+0.6	20.6	7	1.7	30	12.0	-	87	134	18	10	18	14	0	0	0	0	0	0	0	2	1	3.37	98	-	-
	Coltishall ...	21-9	17	14.5	8.3	11.4	-	19.5	7	1.9	19	-	-	86	-	15	31	19	15	0	0	0	0	0	0	0	3	2	-	-	-	-
Suffolk	Burlingham ...	99	27	14.3	8.1	11.2	-	20.6	7	2.2	30	-	-	89	144	19	10	19	14	0	0	0	0	0	0	0	1	1	3.69	-	-	-
	Gorleston †																															



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	Amount (mm.)	Date	Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
									Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more													
																																	A Max.
4 MIDLAND COUNTIES																																	
Yorks.	Slaidburn	99	192	11.4	6.4	8.9	-	15.0	6.8	0.0	18	-	-	411	232	61	16	31	27	0	0	0	0	0	0	1	3	0	2.82	-	-		
W. Riding	Malham Tarn	99	395	9.2	4.9	7.1	-	13.9	9	-2.2	18	9.8	-	312	184	48	16	27	26	1	0	0	1	0	0	1	7	1	2.78	-	-		
	Huddersfield	99	99	13.4	7.6	10.5	-	17.2	6.8	2.2	18	11.2	12.4	139	176	45	16	23	20	0	0	0	0	0	0	1	-	3.52	142	-			
	Oakes	21-9	235	12.2	6.5	9.3	-	16.9	6	0.8	18	10.1	11.0	190	192	52	16	29	22	0	0	0	1	1	0	0	2	6	3.09	112	-		
	Bradford	99	134	12.8	7.3	10.1	+0.6	16.7	6.8	1.1	18	11.4	12.8	161	192	52	16	29	21	0	0	0	1	0	0	0	4	0	-	-	-		
	Ilkley	99	96	13.1	7.2	10.1	+0.6	17.2	8	1.1	18	-	-	194	202	54	16	21	19	0	0	0	0	0	2	0	0	0	3.39	123	-		
	Sheffield	99	131	13.9	(7.7)(10.8)	(+0.6)	17.8	6.9	2.2	18	11.3	13.0	115	153	39	16	21	18	0	0	0	0	1	0	0	0	0	0	3.56	135	-		
	Pontefract	99	78	13.4	7.3	10.3	+0.4	17.8	6.9	2.2	18	-	-	90	167	44	16	17	14	0	0	0	0	0	0	0	0	0	-	-	-		
	Bramham	99	54	13.1	6.7	9.9	-	17.2	6.8, 9	1.1	18	-	-	95	128	29	16	22	15	0	0	0	0	0	0	0	0	0	-	-	-		
	Cawood	99	6	13.7	7.3	10.5	-	17.8	6.8, 9	1.7	18, 30	10.9	12.6	84	150	30	16	18	14	0	0	0	0	0	0	0	2	0	4.14	-	-		
	Askham Bryan	99	34	13.6	7.1	10.3	-	17.8	6.8, 9	1.7	18	-	-	84	142	28	16	17	14	0	0	0	0	0	0	0	2	0	3.36	124	-		
Derby	Buxton	99	307	11.1	6.4	8.7	+0.3	15.6	7.8	0.6	18	9.7	11.3	207	164	40	16	26	23	1	0	0	0	0	0	0	1	1	2.94	86	-		
	Derby	99	48	14.2	8.3	11.3	-	18.9	7	3.3	18	-	-	130	188	45	16	21	16	0	0	0	1	0	0	0	0	0	3.20	-	-		
	Morley	99	107	13.6	7.1	10.3	-	18.3	7	1.7	18	-	-	139	196	43	16	28	22	-	0	-	-	-	0	0	-	-	-	-	-		
	Chesterfield	99	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Nottingham	Sutton Bonington	99	48	14.4	7.8	11.1	+1.3	18.9	7	2.8	18	11.9	12.9	136	252	56	16	21	16	0	0	0	0	0	0	5	0	3.45	119	-	-		
	Wattall	21-9	118	13.6	7.4	10.5	+0.7	18.5	7	2.1	18	-	-	139	217	46	16	19	15	0	0	0	0	1	0	2	1	3.08	107	-	-		
	Nottingham T.C.*	99	48	14.3	8.2	11.3	-	18.6	7	2.9	18	-	-	116	-	47	16	22	12	-	-	-	-	0	0	1	-	(3.66)	-	-	-	-	
	Mansfield	99	110	12.6	7.7	10.1	+0.3	17.2	7	2.8	18	10.6	-	134	197	44	16	21	15	0	0	0	0	0	2	0	-	0	-	-	-	-	
	Nottingham	99	59	14.2	7.9	11.1	+0.8	18.9	7	2.8	18	11.5	13.3	108	189	44	16	19	14	0	0	0	0	1	0	0	1	1	3.35	124	-	-	
	Warsop	99	46	14.1	6.6	10.3	-	18.9	7	0.6	30	-	-	99	177	40	16	20	13	0	0	0	0	1	0	0	0	6	0	(3.49)	-	-	
	Finningley	21-9	10	14.5	7.7	11.1	+1.0	19.0	6	2.1	30	-	-	80	-	29	16	18	12	0	0	0	0	0	0	0	1	0	3.75	-	-	-	-
Leicester	Newtown Linford	99	119	13.4	7.1	10.3	-	18.3	7	1.7	18	-	-	119	183	27	17	21	17	0	0	0	0	0	0	0	6	0	3.15	-	-	-	-
	Caldecott	99	53	14.9	7.2	11.1	-	19.4	7	1.1	30	-	-	95	176	17	16	23	16	-	0	-	-	0	0	2	-	3.30	-	-	-	-	
Northampton	Bugbrooke Mills	99	69	14.2	-	-	-	20.0	9	-	-	11.9	12.9	104	182	20	16	19	18	-	0	-	-	-	0	-	-	3.03	-	-	-	-	
	Raunds	99	59	14.4	7.7	11.1	+1.2	19.4	7.8	1.7	18	12.3	13.3	93	179	19	16	23	17	0	0	0	0	0	0	3	1	3.04	99	-	-	-	
Warwick	Birmingham K.E.S.**	99	137	13.9	6.8	10.3	-	18.3	7	2.8	18	-	-	-	-	-	-	-	-	-	-	0	0	0	2	0	-	-	-	-	-	-	
	Edgbaston	21-9	163	13.2	8.1	10.7	+0.6	18.7	7	2.5	18	11.1	12.1	140	192	41	16	27	17	0	0	0	0	0	0	0	0	0	2.88	104	-	-	
	Ludington	99	42	14.3	8.1	11.2	-	18.9	8	0.6	30	-	-	84	145	19	16	21	17	0	0	0	0	0	0	0	3	0	2.99	-	-	-	-
	Stratford on Avon	99	49	14.8	7.2	11.0	-	20.0	7.8	-0.6	30	12.5	-	96	148	21	16	21	16	0	0	0	0	0	0	1	4	0	2.94	-	-	-	-
	Elmdon	21-9	97	13.7	7.8	10.7	+1.0	18.8	8	2.3	18	-	-	125	195	37	16	21	14	0	0	0	0	0	0	0	3	0	2.93	-	-	-	-
	Shipston on Stour	99	111	13.8	7.7	10.7	-	18.3	7.8	2.8	18, 30	12.1	-	133	218	28	16	27	18	0	0	0	0	0	0	0	5	5	2.98	-	-	-	-
	Wellesbourne	99	47	14.2	(7.9)(11.1)	-	(19.4)	(7)	(1.7)	(30)	-	-	-	95	158	20	16	23	16	-	-	-	-	0	-	-	0	-	-	-	-	-	-
	Coventry	99	107	13.5	(7.5)(10.5)	-	20.0	8	0.6	18	(11.4)	(12.6)	(11.9)	-	17	10	21	15	0	-	0	0	0	1	0	-	0	(2.39)	-	-	-	-	-
	Moreton Morrell	99	85	14.1	7.8	10.9	-	18.9	7.8	1.7	18	-	-	104	176	23	16	22	16	0	0	0	0	0	0	0	2	1	2.87	-	-	-	-
	Rugby	99	117	13.9	(7.1)(10.5)	(+0.8)	18.3	7.8	1.7	18	11.6	13.4	113	185	20	16	21	14	0	0	0	0	0	0	0	3	0	-	-	-	-	-	-
Oxford	Oxford	99	63	14.2	8.8	11.5	+1.0	18.9	7	2.2	18	12.4	13.6	122	191	24	16	22	18	0	0	0	0	0	0	2	0	3.07	95	-	-	-	-
Buckingham	Medmenham	99	30	14.8	6.9	10.9	-	20.0	7.8	-2.2	30	-	-	126	-	28	16	22	17	-	-	-	-	1	-	-	-	-	-	-	-	-	
	Grendon Underwood	99	67	14.4	7.1	10.7	-	19.4	6	-1.1	30	12.8	13.8	115	-	21	27	19	16	0	0	0	0	-	1	6	0	3.20	-	-	-	-	-
	Aylesbury	99	96	13.9	7.8	10.9	-	18.3	7.8	1.1	18	-	-	115	180	23	16	20	19	0	0	0	0	0	0	1	3	2.94	-	-	-	-	-
	Bletchley	99	86	14.7	8.0	11.3	-	19.4	7	2.8	18, 30	-	-	101	-	21	16	21	16	0	0	0	0	0	0	0	0	-	-	-	-	-	-
Stafford	Keele	99	179	12.8	6.9	9.9	-	17.8	7	2.2	28	11.0	12.2	149	182	33	16	24	19	0	0	0	3	1	0	4	0	2.69	-	-	-	-	-
	Oaken	99	125	13.3	6.6	9.9	-	17.2	6, 7, 13	1.7	18, 19	11.7	-	112	-	30	16	25	20														



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL		WEATHER												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Terminal hour 9 GMT		Number of Days				Percentage of 1931-60 average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					A Max.	B Min.	Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date			Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 average	Amount (mm.)	Most in a day	Precip'n 0.2 mm. or more 1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Cross min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date																						
					8b ENGLAND, S.W. - cont.																													
Devon	Plymouth, The Hoe	9 9	36	14.1	9.5	11.8	-0.1	17.8	7	3.3	22	13.5	14.3	150	155	18	31	27	21	0	0	0	0	0	0	1	-	3.07	83	-	-			
	—cont.																																	
	Tavistock	9 9	139	13.6	7.7	10.7	-0.2	17.2	7	0.6	22	-	-	274	-	37	30	29	25	0	-	3	0	0	0	6	3	-	-	-	-			
	Chivenor	21-9	6	14.7	9.5	12.1	0.0	19.3	9	4.9	22	-	-	171	169	27	16	27	21	0	0	1	3	0	0	0	0	4	2.42	-	-	-		
	Ilfracombe	9 9	8																															
	Princetown	9 9	414																															
	Totnes	9 9	37	14.7	8.2	11.5	-	17.8	7	0.6	22	13.3	13.9	253	218	34	16	29	23	0	0	0	0	0	0	6	0	2.98	-	-	-			
	Slapton	9 9	32	14.3	(9.2)	11.7	-	17.2	7	2.8	18	-	-	222	-	33	30	27	23	0	0	0	0	0	0	0	0	-	-	-	-			
	Newton Abbot	9 9	83	-	8.4	-	-	-	-	2.8	22	-	-	224	229	44	16	23	19	0	0	0	0	0	0	0	0	3.44	97	-	-	-		
	Paignton	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Torquay	9 9	8	14.9	9.3	12.1	+0.2	18.5	7	3.4	29	-	14.8	172	205	28	16	22	20	0	0	0	0	2	0	0	1	2	3.42	89	-	-		
	Teignmouth	9 9	6	14.8	9.4	12.1	+0.1	19.4	8	3.9	29	-	-	137	165	26	16	21	18	0	0	0	0	0	0	0	-	2	3.58	97	-	-		
	Starcross	9 9	9	14.9	9.1	12.0	-	19.4	7	2.8	22	13.0	-	171	201	32	30	24	20	-	-	-	-	-	-	-	-	3.00	-	-	-	-		
	Exmouth	9 9	59	14.6	9.2	11.9	+0.8	20.6	8	3.9	29	-	-	149	182	26	16	22	19	0	0	0	0	0	0	-	2	3.29	90	-	-	-		
	Exeter	21-9	32	14.8	9.0	11.9	-	20.3	8	1.3	22	-	-	131	160	19	16	22	19	0	0	0	1	2	0	0	6	2	2.75	-	-	-	-	
	Sidmouth	9 9	8	14.6	9.1	11.9	+0.3	18.9	7	2.2	29	-	-	140	184	28	30	21	19	-	-	-	-	-	0	0	2	-	2.91	79	-	-	-	
Cornwall	Scilly	21-9	48	14.3	10.5	12.4	-0.3	16.7	6	7.3	18	-	-	148	163	32	16	25	19	0	0	0	0	2	0	0	5	3.84	98	-	-	-		
	Penzance	9 9	19	15.0	9.5	12.3	-0.3	18.3	9	4.4	18	-	-	195	176	31	16	26	21	0	-	1	0	0	0	2	7	3.78	100	-	-	-		
	Gulval	9 9	15	14.4	9.7	12.1	0.0	17.2	6, 7	5.0	18, 22	-	-	184	174	32	16	25	20	-	-	-	-	-	-	0	0	-	3.59	99	-	-	-	
	Culdrose	9 9	82	13.7	9.5	11.6	-	16.1	1, 6, 9	4.4	18	-	-	129	136	17	31	24	20	0	0	1	0	0	3	0	2	2	3.77	-	-	-	-	
	Rosewarne	9 9	76	14.2	9.6	11.9	-	17.2	9	6.1	18, 28	12.4	13.6	186	182	37	16	26	20	0	0	1	0	0	1	0	0	8	3.33	-	-	-		
	Lizard	9 9	73	14.0	9.8	11.9	-0.4	16.2	9	6.0	30	-	-	140	159	21	31	26	18	0	0	0	0	0	-	0	-	13	3.94	-	-	-	-	
	Falmouth	9 9	51	14.3	8.8	11.5	-0.6	17.8	9	5.0	18, 22, 30	-	-	173	148	25	16	24	19	0	0	0	0	0	0	0	0	0	3.49	99	-	-	-	
	Newquay	9 9	54	14.4	9.9	12.1	+0.3	17.8	9	6.7	12, 22, 29	-	-	153	159	30	16	27	21	0	-	1	0	0	-	-	-	4	2.93	83	-	-	-	
	St. Mawgan	21-9	103	14.0	9.8	11.9	-	18.0	9	5.7	28	-	-	164	153	28	16	26	22	0	0	1	0	0	0	0	0	2	2.85	-	-	-	-	
	St. Austell	9 9	94	14.3	8.2	11.3	-	17.8	8	3.9	22	-	-	197	154	28	16	29	25	0	0	0	0	0	1	0	-	0	-	-	-	-	-	
	Fowey	9 9	40	-	-	-	-	17.8	7	2.2	22	-	-	169	-	21	31	25	19	0	0	0	0	0	0	-	9	-	-	-	-	-		
	Bude	9 9	15	14.4	9.9	12.1	+0.4	17.8	9	3.9	22	11.5	-	167	174	19	30	26	22	-	0	-	-	-	-	0	-	-	-	-	-	-		
	Ellbridge	9 9	58	14.1	8.1	11.1	0.0	17.8	7	1.1	22	-	-	211	194	27	30	29	20	0	0	0	0	0	0	2	4	2.74	75	-	-	-	-	
9 NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	174	11.2	5.2	8.2	-	16.1	9	-0.6	16	-	-	203	-	41	30	30	28	1	0	0	0	0	0	1	5	0	-	-	-	-	-	
	Ballykelly	21-9	2	12.5	7.3	9.9	-0.3	18.1	9	1.0	16	10.9	12.4	144	152	26	30	30	23	1	0	0	1	0	0	0	2	1	3.31	118	-	-	-	
	Derrynoyd Forest	9 9	88	12.1	5.6	8.9	-	17.2	9	1.1	16, 18	-	-	208	-	37	30	31	26	1	0	0	0	0	0	0	7	0	-	-	-	-	-	
	Somerset Forest	9 9	43	12.4	6.2	9.3	-	17.2	9	1.7	18	-	-	150	-	28	30	28	26	0	0	2	0	0	0	0	0	1	-	-	-	-	-	
	Garvagh Forest	9 9	91	12.0	5.7	8.9	-	17.2	9	1.7	16, 18	10.5	12.4	175	-	29	30	30	27	1	0	1	0	0	0	0	4	0	-	-	-	-	-	
Antrim	Moneydig	21-9	34	12.4	6.0	9.2	-0.3	17.9	9	0.4	16	11.4	-	144	127	22	30	30	25	1	0	1	0	0	0	0	5	2	-	-	-	-	-	
	Portrush	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Ballymoney	9 9	55	12.3	6.2	9.3	-	17.2	9	1.7	18	-	-	132	-	23	30	30	23	1	-	2	0	0	0	0	-	-	-	-	-	-	-	
	Lisnafillan	9 9	38	12.3	5.6	8.9	-	17.2	9	1.7	16, 18, 30	-	-	129	-	25	30	29	22	0	0	0	0	0	1	0	4	0	2.74	-	-	-	-	
	Aldergrove	21-9	69	11.9	6.6	9.3	-0.4	16.8	9	2.0	18	10.7	12.2	137	136	29	30	26	22	1	0	1	0	2	0	0	4	0	2.65	102	-	-	-	
	Greenmount	9 9	32	12.4	6.4	9.4	-	16.7	8, 9	1.7	18	10.8	-	129	-	25	30	27	22	0	0	0	0	0	-	0	3	-	-	-	-	-	-	
	Altnahinch	9 9	226	10.6	4.8	7.7	-	15.6	8, 9	-0.6	16	-	-	202	-	30	30	31	27	1	0	1	0	0	0	2	6	4	1.76	-	-	-	-	
	Parkmore Forest	9 9	235	10.4	4.6	7.5	-	15.6	8, 9	0.0	18	9.8	-	229	-	34	30	30	26	1	0	0	0	0	0	1	0	7	1	-	-	-	-	
	Black Mountain	21-9	295	9.9	4.9	7.4	-	15.7	9	-0.2	17	-	-	141	-	27	30	30	23	1	0	0	0	0	0	6	1	-	3	-	-	-	-	
	Lowtown	9 9	271	10.6	4.7	7.7	-	15.6	8, 9	-0.0	18	9.6	-	204	-	23	30	28	26	1	0	0	0	0	1	1	4	1	2.03	-	-	-	-	-
Down	Ballypatrick Forest	9 9	162	11.4	5.3	8.3	-	17.2	9	1.1	18	-	-	182	-	25	30	29	27	1	0	6	0	1	0	0	1	4	3.04	-	-	-	-	-
	Newtownabbey	9 9	32	12.8	7.1	9.9	-	18.3	9	2.2	18	10.9	-	135	-	19	30	28	22	1	0	1	0	0	0	0	3	3	2.79	-	-	-	-	-
	Larne	9 9	43	12.9	6.2																													



TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER.

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																	
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	600-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.W.	W.	N.W.	
																										SPEED IN KNOTS												
																										8 or more	6-7	4-5	1-3	0								
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	83m.	3	994.7	-	7.0	0.8	8.8	87	5.3	0	5	8	10	8	0	0	0	0	0	0	0	1	7	13	10	1	3	16	8	3	4	1	1	2	6	9	3	3
		9	994.0	-15.1	7.8	0.9	8.3	86	5.8	0	2	3	16	10	0	0	0	0	0	0	0	7	9	4	11	0	10	14	7	0	5	2	0	3	11	4	2	2
		15	994.2	-	7.9	1.1	9.1	84	6.2	0	3	3	17	8	0	0	0	0	0	1	1	6	13	10	1	7	12	11	0	4	0	5	1	6	6	7	2	1
Orkney Kirkwall	26m.	3	995.3	-	7.1	1.0	8.7	86	5.1	0	7	9	5	10	0	0	0	0	0	0	0	2	6	18	5	1	7	12	10	1	7	1	4	0	4	12	1	1
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Caithness Wick	37m.	3	995.3	-	7.9	1.3	8.9	83	5.5	1	8	0	13	9	0	0	0	0	0	0	1	4	16	10	0	3	17	11	0	1	0	0	5	10	8	2	5	
		9	995.0	-15.0	8.4	1.1	9.5	85	5.4	0	4	8	15	4	0	0	0	0	0	0	1	3	13	14	0	4	20	7	0	4	0	1	4	8	9	4	1	
		15	995.7	-	9.5	1.7	9.3	78	5.8	0	6	3	17	5	0	0	0	0	0	0	3	2	11	15	0	7	15	9	0	2	0	1	12	4	6	5		
Sutherland Cape Wrath*	113m.	3	996.4	-	7.9	1.4	8.7	81	5.0	1	4	10	13	3	0	0	0	0	0	0	1	4	16	10	0	4	17	9	1	2	0	1	4	10	6	2	5	
		9	993.6	-	8.0	0.9	9.4	87	5.9	0	1	10	14	6	0	0	0	0	0	0	0	0	6	25	3	6	11	11	0	1	2	2	4	3	14	1	4	
		15	993.8	-	8.1	0.8	9.7	88	6.2	0	0	11	11	9	0	0	0	0	0	0	0	0	8	23	2	9	11	9	0	2	1	3	4	2	12	4	3	
Ross & Cromarty Stornoway	5m.	3	994.5	-	8.6	0.9	9.9	87	6.3	0	1	6	15	8	1	0	1	0	0	0	0	1	12	17	4	7	10	10	0	3	0	3	0	2	15	3	5	
		9	995.0	-	8.0	0.7	9.7	90	5.3	0	5	9	8	9	0	0	0	0	0	0	0	3	6	22	3	9	6	10	3	0	3	0	1	3	14	1	3	
		15	994.8	-	7.4	0.6	9.5	92	4.8	1	11	2	9	8	0	0	0	0	0	0	7	10	13	1	0	5	12	14	0	1	1	2	1	9	10	2	5	
Inverness Benbecula	6m.	3	995.5	-14.1	8.3	0.8	9.8	89	5.4	0	3	12	12	4	0	0	0	0	0	0	2	10	12	7	0	3	15	13	0	6	1	2	0	8	10	3	1	
		9	996.0	-	9.4	1.4	9.8	83	6.0	0	3	6	16	6	0	0	0	0	1	0	3	8	11	8	0	3	20	7	1	4	0	2	1	6	13	2	2	
		15	996.4	-	7.7	0.8	9.4	89	4.7	1	8	7	7	8	0	0	0	0	0	0	3	14	9	5	0	5	16	8	2	3	0	1	3	9	8	1	4	
Fife Leuchars	12m.	3	994.6	-	8.5	0.8	10.0	89	6.1	0	2	7	15	7	0	0	0	0	0	1	3	8	15	4	0	11	13	6	1	4	1	0	3	5	9	5	3	
		9	995.6	-14.1	9.3	1.2	9.9	84	5.8	0	3	7	16	5	0	0	0	0	2	1	6	14	8	1	9	16	5	0	1	0	1	6	5	9	5	4		
		15	996.0	-	9.6	1.4	9.8	82	6.1	0	0	11	15	5	0	0	0	0	0	4	8	14	5	1	8	18	3	1	5	0	0	4	7	11	2	1		
1 SCOTLAND, E.	6m.	3	996.1	-	8.3	1.0	9.5	86	5.8	0	3	7	13	8	0	0	0	0	0	0	2	9	14	6	2	10	10	8	1	1	0	1	6	10	5	3	4	
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moray Kinloss	6m.	3	996.4	-	7.6	1.2	8.7	82	5.6	0	6	5	7	13	0	0	0	0	0	0	2	0	9	20	0	3	14	14	0	1	0	5	1	11	8	3	2	
		9	996.5	-14.0	8.8	1.7	8.9	78	5.3	0	7	4	18	2	0	0	0	0	0	0	0	5	4	22	0	2	17	10	2	1	0	0	1	8	14	4	1	
		15	997.1	-	10.6	2.4	9.0	70	6.1	0	1	8	19	3	0	0	0	0	0	0	0	2	11	18	0	4	16	11	0	1	2	1	0	3	14	7	3	
Aberdeen Dyce	59m.	3	997.9	-	7.6	1.4	8.5	80	5.1	0	5	9	12	5	0	0	0	0	1	0	0	0	3	9	18	1	1	17	12	0	0	4	1	7	10	5	4	
		9	997.0	-	7.2	1.1	8.7	84	5.5	2	5	5	9	10	0	0	0	0	0	1	5	12	7	6	0	4	14	11	2	1	0	1	1	11	5	5	5	
		15	997.5	-14.5	8.4	1.3	9.1	82	5.4	0	6	4	16	5	0	0	0	0	2	4	6	5	14	0	2	16	12	1	1	0	0	0	9	11	6	3		
Angus Usan	35m.	3	997.5	-	10.5	2.4	9.0	70	6.0	0	4	3	20	4	0	0	0	0	0	0	4	7	13	0	3	17	11	0	2	1	1	0	6	10	7	4		
		9	998.2	-	7.4	1.2	8.6	82	5.0	1	4	11	13	2	0	0	0	0	0	1	1	12	5	12	0	3	11	14	3	0	0	1	1	4	13	4	5	
		15	996.8	-	8.3	1.0	9.6	86	4.6	1	10	6	5	9	0	0	0	0	0	2	1	4	24	1	4	15	11	0	2	0	1	0	6	12	7	3		
Fife Leuchars	12m.	3	997.0	-	9.1	1.2	9.8	84	4.9	0	6	10	10	5	0	0	0	0	0	0	1	4	2	24	0	5	14	11	1	2	0	0	5	8	11	4		
		9	997.7	-	11.1	2.2	9.8	74	5.8	0	3	7	14	7	0	0	0	0	1	0	1	0	9	20	0	5	15	11	0	2	0	0	1	2	14	8	4	
		15	998.3	-	8.6	1.2	9.5	84	3.8	2	14	2	8	5	0	0	0	0	0	0	1	3	27	0	2	14	15	0	2	0	1	1	3	11	10	3		
Midlothian Turnhouse	44m.	3	997.6	-	7.6	1.0	9.1	86	4.9	2	7	4	10	8	0	0	0	0	0	1	1	8	12	9	1	4	17	8	1	0	0	3	3	2	14	8	0	
		9	998.1	-13.8	8.9	1.4	9.4	81	5.0	0	9	5	14	3	0	0	0	0	0	4	8	9	10	0	5	16	9	1	1	0	0	1	4	17	6	1		
		15	998.4	-	11.2	2.3	9.7	72	6.0	0	2	9	15	5	0	0	0	0	0	2	7	12	10	0	3	21	7	0	1	0	1	0	1	20	4	4		
6th SCOTLAND, W.	10m.	3	999.0	-	8.0	1.3	8.9	82	4.6	0	11	7	5	8	0	0	0	0	0	0	1	10	13	7	0	3	15	11	2	0	0	1	1	2	16	6	3	
		9	998.7	-	7.4	1.0	9.1	86	4.8	3	7	3	10	8	0	0	0	0	1	4	15	9	2	0	4	10	15	2	1	1	3	1	3	17	3	0		
		15	999.4	-13.0	9.0	1.3	9.6	83	4.7	0	9	7	12	3	0	0	0	1	2	19	8	0	0	3	13	13	2	0	0	0	0	5	19	4	1			
Argyll Tiree	19m.	3	999.6	-	11.2	2.4	9.5	71	5.9	0	1	10	4	6	0	0	0	0	0	4	11	9	7	0	2	16	13	0	1	1	0	1	2	20	5	1		
		9	1000.2	-	8.0	1.3	8.9	82	4.7	1	10	4	9																									



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

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																					
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-599 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.				
																									SPEED IN KNOTS																
																									8 or more	4-7	4-5	1-3	Calm												
																									24 or more	12-33	11-21	1-10	0												
Number of Observations																																									
2 ENGLAND, N.E.																																									
Northumberland Acklington	3	1000.0	-	7.9	0.9	9.5	87	4.9	4	6	3	8	10	0	0	0	0	0	0	0	1	7	7	12	4	0	5	11	13	2	0	1	0	0	8	8	8	4			
	9	1000.7	-12.1	9.3	1.2	10.0	84	5.8	0	4	4	22	1	0	0	0	0	0	0	0	2	5	9	6	9	1	2	15	13	0	1	0	1	1	5	5	17	1			
	15	1000.9	-	11.5	1.2	10.1	74	6.5	0	0	4	22	5	0	0	0	0	0	0	0	1	3	3	15	9	0	2	20	9	0	1	0	1	1	2	9	13	4			
Tynemouth	3	1001.3	-	8.3	1.1	9.5	86	5.1	3	5	5	8	10	0	0	0	0	0	0	0	2	5	14	10	0	0	3	11	16	1	0	0	1	2	6	14	2	5			
	9	1001.8	-11.4	9.8	1.4	10.1	82	5.9	1	3	5	14	8	0	0	0	0	0	0	7	10	11	3	0	0	6	18	7	0	0	0	1	0	8	5	16	1				
	15	1002.2	-	12.1	2.7	9.8	69	6.0	0	0	11	15	5	0	0	0	0	0	0	1	6	22	2	0	0	8	15	8	0	0	0	1	1	0	7	5	17	0			
Seahouses	3	1002.5	-	9.7	1.5	9.8	80	6.2	1	0	9	9	12	0	0	0	0	0	0	2	8	18	3	0	0	4	14	13	0	0	1	1	0	7	11	8	3				
	9	999.8	-	8.4	1.4	9.1	81	4.5	1	10	5	7	8	0	0	0	0	0	0	1	8	9	9	4	1	2	11	17	0	1	0	1	9	6	11	2					
	15	1000.9	-	11.9	2.8	9.4	67	5.6	0	2	8	19	2	0	0	0	0	0	0	0	2	2	8	19	0	4	12	15	0	2	1	1	0	3	7	17	0				
Yorks, N. Riding Leeming	3	1000.9	-	9.3	1.8	9.1	76	5.0	0	7	10	4	10	0	0	0	0	0	0	0	4	12	13	2	0	1	12	15	3	1	0	1	0	6	7	11	2				
	9	1001.8	-	9.0	1.1	10.0	86	5.1	2	6	8	0	15	0	0	0	0	0	0	1	4	16	4	2	0	1	13	16	1	1	0	0	4	7	10	3					
	15	1002.9	-	10.0	1.4	10.3	83	5.5	0	7	4	15	5	0	0	0	0	0	0	2	1	3	5	9	11	0	2	14	14	1	0	1	0	1	10	6	9	3			
Whitby Coastguard	3	1003.1	-	12.5	2.5	10.4	72	6.1	0	3	5	18	5	0	0	0	0	0	0	1	1	12	7	10	0	2	21	6	2	2	0	0	0	4	9	11	3				
	9	1003.2	-	9.6	1.3	10.1	83	5.9	0	4	6	12	9	0	0	0	0	0	0	1	8	15	4	3	0	0	10	20	1	0	2	0	2	9	9	5	3				
	15	1003.2	-	9.6	1.3	10.1	83	5.9	0	4	6	12	9	0	0	0	0	0	0	1	8	15	4	3	0	0	10	20	1	0	2	0	2	9	9	5	3				
Yorks, E. Riding Leconfield	3	1002.8	-	9.8	1.4	10.0	82	5.0	0	7	8	13	3	0	0	0	0	0	0	0	5	21	5	0	0	7	13	9	0	1	1	0	17	6	5	1					
	9	1003.3	-	12.1	2.5	10.0	70	5.7	0	2	10	15	4	0	0	0	0	0	0	0	3	22	6	0	0	11	9	11	0	1	1	0	2	10	9	7	1				
	15	1003.4	-	9.6	1.3	10.0	83	5.7	2	6	12	9	0	0	0	0	0	0	0	0	10	21	0	0	0	7	14	8	2	0	0	2	1	16	5	4	1				
Kilnsea	3	1002.8	-	9.6	1.1	10.6	86	5.6	1	6	2	11	11	0	0	0	0	0	0	2	6	16	4	3	0	0	0	18	13	0	0	0	0	1	6	15	8	1			
	9	1004.2	-13.0	10.4	1.5	10.5	81	5.5	0	5	6	17	3	0	0	0	0	0	0	1	10	12	3	5	0	4	18	8	1	1	1	0	0	4	11	12	1				
	15	1004.3	-	13.1	2.9	10.3	68	6.1	0	3	5	19	4	0	0	0	0	0	0	1	6	15	4	5	0	3	17	10	1	1	0	0	1	12	15	1					
Lincoln Waddington	3	1004.3	-	9.9	1.3	10.3	83	5.8	3	3	3	11	11	0	0	0	0	0	0	1	9	17	3	1	0	0	18	13	0	0	0	1	2	8	12	6	2				
	9	1004.3	-	10.0	0.9	11.0	88	5.0	6	1	7	8	9	0	0	0	0	0	0	0	4	26	0	1	0	14	15	2	0	0	0	0	6	12	12	1					
	15	1005.2	-9.0	10.2	1.1	11.0	87	5.4	1	3	8	8	11	0	0	0	0	0	0	1	5	25	0	0	2	9	16	4	0	1	0	1	4	8	15	2					
Binbrook	3	1005.6	-	12.7	2.1	11.2	75	6.6	0	0	6	15	10	0	0	0	0	0	0	0	4	27	0	0	1	13	11	6	0	0	0	1	0	13	13	3					
	9	1005.4	-	10.6	1.2	11.0	85	5.7	3	1	7	5	15	0	0	0	0	0	0	0	5	26	0	0	0	11	15	5	0	0	0	0	2	3	14	9	3				
	15	1005.4	-	9.3	0.9	10.6	89	5.2	5	3	3	10	10	0	0	0	0	0	0	0	10	10	10	1	0	3	18	10	0	0	0	0	0	2	5	18	6	0			
Manby	3	1005.5	-9.4	10.1	1.2	10.7	85	5.4	0	6	8	7	10	0	0	0	0	0	0	2	10	6	12	1	0	2	21	8	0	0	1	0	1	4	17	4	4				
	9	1005.3	-	12.7	2.4	10.7	72	6.2	0	3	5	15	8	0	0	0	0	0	0	1	5	9	12	4	0	5	14	12	0	1	0	0	2	3	15	8	2				
	15	1005.4	-	9.8	1.0	10.6	86	6.0	4	2	3	6	16	0	0	0	0	0	0	1	10	5	17	6	1	0	1	18	12	0	0	2	0	11	12	3	3				
Suffolk Mildenhall	3	1003.9	-	8.8	0.9	10.3	89	5.3	3	6	1	9	12	0	0	0	0	0	0	2	10	10	8	1	0	5	21	5	0	0	0	1	7	15	8	0					
	9	1005.0	-	9.4	1.0	10.3	86	5.7	0	7	2	13	9	0	0	0	0	0	0	1	9	11	7	1	0	7	18	6	0	0	0	1	0	7	17	3	3				
	15	1005.0	-	12.1	2.4	10.3	72	6.6	0	2	1	20	8	0	0	0	0	0	0	1	6	15	9	0	0	5	18	8	0	1	0	0	5	16	8	1					
Bedford Cardington	3	1004.3	-	9.3	0.6	11.0	91	5.3	3	6	1	9	12	0	0	0	0	0	0	2	10	8	1	0	0	1	21	9	0	0	0	0	1	9	13	5	2				
	9	1005.3	-9.2	10.4	1.1	11.1	87	5.4	0	7	2	13	9	0	0	0	0	0	0	1	9	11	7	1	0	3	20	8	0	0	0	0	1	6	16	8	0				
	15	1005.4	-	12.9	2.3	11.2	75	6.6	0	2	1	20	8	0	0	0	0	0	0	1	6	15	9	0	0	2	17	12	0	1	0	0	5	14	8	3					
Essex Stansted	3	1005.3	-	10.1	1.0	10.9	87	5.8	4	3	4	4	16	0	0	0	0	0	0	1	13	8	8	0	0	0	16	15	0	0	0	0	1	5	18	3	4				
	9	1006.1	-	9.3	0.6	10.9	91	5.3	6	2	5	5	13	0	0	0	0	0	0	4	10	12	5	0	0	4	19	8	0	1	0	0	1	10	13	6	0				
	15	1006.8	-8.1	10.3	0.9	11.3	88	5.6	0	8	2	11	10	0	0	0	0	0	0	0	3	8	10	7	3	0	6	18	7	0	0	1	0	0	8	13	7	2			
Hertford Bovingdon	3	1006.8	-	12.4	1.8	11.4	78	6.4	0	1	6	16	8	0	0	0	0	0	0	0	5	18	6	2	0	0	7	14	10	0	1	0	1	4	11	13	0				
	9	1006.8	-	9.9	0.8	11.2	89	5.3	2	8	2	6	13	0	0	0	0	0	0	1	0	13	4	0	0	4	16	11	0	0	0	0	1	9	15	4	1				
	15	1006.8	-	10.2	1.2	10.8	85	5.8	6	1	4	8	12	0	0	0	0	0	0	1	0	7	16	6	1	0	2	19	10	0	0	0	0	0	7	15	9	0			
Nottingham Watnall	3	1006.6	-	11.4	1.6	11.0	80	5.8	0	7	2	11	11	0	0	0	0	0	0	2	7	7	11	4																	



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

OCTOBER,

1967

[illegible]



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																						
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-300 m.	400-900 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.								
																										SPEED IN KNOTS																				
																										8 or more	9-10	11-15	16-20	21 or more																
Number of Observations																																														
7a ENGLAND, N.W.																																														
Cumberland Carlisle	28m.	3	1000.8	-	8.6	0.9	10.0	87	5.8	0	5	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	11	13	4	0	1	1	4	4	12	5	0					
		9	1001.9	-	9.7	1.2	10.3	85	5.3	0	4	8	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	10	2	0	0	0	0	4	4	16	6	1					
		15	1001.9	-	11.5	2.0	10.3	75	6.2	0	1	6	18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	11	4	0	0	0	0	0	4	4	16	6	1				
		21	1002.0	-	8.9	1.0	9.9	85	5.7	0	5	6	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	10	2	0	0	0	0	0	4	4	16	6	1			
Westmorland Great Dun Fell	-	3	-	-	3.2	0.0	7.8	100	7.7	1	0	0	0	2	28	17	11	0	0	0	0	0	0	0	0	0	0	0	0	7	12	10	1	1	0	1	1	0	4	16	6	2				
		9	-	-	3.7	0.0	8.1	100	7.6	1	0	1	0	1	28	6	22	0	0	0	0	0	0	0	0	0	0	0	1	9	9	11	2	0	1	1	0	0	2	19	7	1				
		15	-	-	4.4	0.2	8.1	96	7.4	0	1	2	5	4	19	2	17	0	0	0	0	0	0	0	0	0	0	0	2	7	1	6	12	12	1	0	1	0	1	0	2	22	4	1		
		21	-	-	3.4	0.1	7.8	98	7.6	0	0	2	3	0	26	11	15	0	0	0	0	0	0	0	0	0	0	0	2	2	1	4	16	9	2	0	0	1	1	0	6	15	4	3		
Lancashire Squires Gate	11m.	3	1002.2	-	10.6	1.0	11.3	88	6.6	0	1	8	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	10	7	5	0	5	20	6	0	0	0	1	2	7	10	5	0	
		9	1003.8	-10.3	10.9	1.1	11.3	86	6.6	0	0	5	21	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	4	13	8	3	1	2	17	11	0	1	1	0	0	6	8	9	5	
		15	1003.8	-	11.9	1.5	11.5	82	6.6	0	1	5	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	13	8	3	1	2	17	11	0	1	1	0	0	6	8	9	5	
		21	1003.2	-	10.4	1.0	11.1	87	6.5	0	1	5	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	12	7	0	0	5	20	6	0	0	1	1	0	0	6	8	9	5
Speke	26m.	3	1003.3	-	10.3	1.1	10.9	86	5.4	1	7	4	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	11	5	0	0	1	19	11	0	0	0	3	10	9	4	5	
		9	1004.7	-	10.7	1.2	11.0	85	6.2	0	2	5	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	2	7	13	4	5	0	3	12	14	2	1	0	0	0	9	8	10	1	
		15	1004.2	-	12.3	2.0	10.9	76	6.4	0	0	6	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	8	8	0	2	16	11	2	1	0	1	0	1	4	11	6	5
		21	1004.6	-	10.3	1.2	10.8	85	5.8	0	3	8	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	14	11	0	0	1	19	11	0	0	0	1	3	12	7	4	4
Cheshire Ringway	76m.	3	1003.4	-	9.5	0.9	10.6	88	5.6	0	6	6	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	11	9	3	0	0	17	14	0	0	1	3	18	4	5	0		
		9	1005.0	-9.4	10.0	1.2	10.4	84	6.2	0	4	1	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	3	10	15	3	0	0	0	16	15	0	0	1	0	1	6	8	4	1	
		15	1004.8	-	12.0	2.6	9.9	70	6.5	0	1	5	17	8	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	14	10	0	0	1	15	15	0	0	0	1	0	12	10	7	1	
		21	1004.6	-	9.6	1.0	10.5	86	6.3	0	4	5	8	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	16	1	0	1	1	3	17	4	3	1				
7b NORTH WALES																																														
Anglesey Valley	11m.	3	1002.7	-	11.1	1.0	11.8	88	6.6	0	2	4	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	14	2	6	9	10	6	0	0	1	0	0	6	11	8	5	
		9	1004.5	-9.5	11.4	1.2	11.6	85	6.6	0	1	4	17	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	14	8	6	9	9	7	0	3	0	0	5	12	8	3		
		15	1003.9	-	12.2	1.5	11.8	82	6.5	0	2	4	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	8	8	10	5	10	14	2	0	1	2	0	0	5	19	1	3	
		21	1003.3	-	11.3	1.2	11.6	86	6.4	0	2	8	6	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8	14	3	3	16	9	2	1	0	0	0	1	9	11	3	6
Caernarvon Bardsey Island	19m.	3	1003.6	-	11.8	0.9	12.4	89	5.9	1	4	8	3	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	18	0	8	11	9	3	0	2	0	0	0	5	9	14	1	1
		9	1004.8	-	11.9	1.1	12.2	87	6.5	0	0	9	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	13	8	8	8	7	8	0	4	0	0	0	3	9	11	4	
		15	1004.7	-	12.4	1.2	12.5	86	6.4	0	0	9	12	9	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	11	13	5	8	11	9	3	0	2	1	1	0	4	13	8	2	
		21	1004.1	-	12.0	0.9	12.6	89	5.6	1	5	7	2	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	15	1	3	18	8	2	0	1	0	1	0	7	11	7	4	
8a SOUTH WALES																																														
Cardigan Aberporth	134m.	3	1005.3	-	10.2	1.0	11.0	86	5.7	0	7	4	7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	8	9	5	0	9	17	5	0	0	0	0	0	7	11	8	5	
		9	1006.6	-8.1	10.5	1.2	11.0	85	6.5	0	1	5	17	7	1	0	0	1	0	0	0	0	0	0	0	0	0	1	7	7	8	7	1	5	16	9	0	2	0	1	0	8	9	6	5	
		15	1006.3	-	11.6	1.7	11.1	80	6.6	0	2	3	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	9	7	0	11	16	3	1	0	0	0	0	8	13	5	4		
		21	1005.7	-	10.5	1.0	11.2	87	5.7	0	8	3	7	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	11	2	1	7	21	2	0	0	0	1	10	12	4	4	
Pembroke Milford Haven C.B.	39m.	3	1006.0	-	11.8	1.4	11.6	82	5.9	1	11	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	12	9	0	2	10	14	5	0	0	0	0	0	0	2	12	12	5
		9	1007.2	-	11.7	1.3	11.7	84	6.8	0	0	6	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	13	6	0	3	5	14	8	1	2	1	0	0	0	3	12	6	6
		15	1007.0	-	12.6	1.7	11.9	81	6.7	0	0	5	16	9	1	0	0	0	1	0	0	0	0	0	0	0	0	2	9	12	7	0	2	12	13	4	0	0	0	1	1	1	18	4	6	
		21	1006.6	-	12.1	1.4	12.0	83	6.4	2	3	12	1	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	10	9	0	1	12	17	1	0	0	0	0	1	1	20	3	6
Glamorgan Mumbles	37m.	3	1006.5	-	11.7	1.3	11.7	84	6.3	1	5	9	4	12	0	0	0																													



TABLE VIII—NUMBER OF DAYS IN OCTOBER, 1967  
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 .. ..	0	1	16	14	0	0	0	0	0	0	0	1	8	22	0	0	Edgbaston .. ..	0	0	5	17	9	0	0	0	0	0	0	0	0	0	4	21	5	1
Stornoway .. ..	0	1	10	20	0	0	0	0	0	0	0	1	10	20	0	0	Kew .. ..	0	0	2	17	11	1	0	0	0	0	0	0	0	0	3	17	10	1
Craibstone .. ..	0	0	10	20	1	0	0	0	0	0	0	1	14	16	0	0	Hastings .. ..	0	0	1	12	18	0	0	0	0	0	0	0	0	0	3	10	17	1
Rothsay .. ..	0	0	7	21	3	0	0	0	0	0	0	0	7	22	2	0	Southampton .. ..	0	0	1	12	16	2	0	0	0	0	0	0	0	0	4	17	9	1
Abbotsinch .. ..	0	0	5	24	2	0	0	0	0	0	0	4	6	17	4	0	Stonyhurst .. ..	-	-	-	-	-	-	-	-	0	0	0	0	10	17	4	0		
Eskdalemuir .. ..	0	0	11	20	0	0	0	0	0	0	0	2	11	17	1	0	Bidston .. ..	0	0	6	21	4	0	0	0	0	0	0	0	0	4	21	6	0	
Douglas .. ..	0	0	6	25	0	0	0	0	0	0	0	0	4	24	3	0	Valley .. ..	0	0	4	23	4	0	0	0	0	0	0	0	0	1	15	15	0	
Cockle Park .. ..	0	0	6	16	8	1	0	0	0	0	0	1	10	18	2	0	Falmouth .. ..	0	0	0	0	30	0	0	0	0	0	0	0	0	0	14	16	0	
Gorleston .. ..	0	0	3	17	10	1	0	0	0	0	0	2	17	11	1	0	Aldergrove .. ..	0	0	9	20	2	0	0	0	0	0	0	0	0	9	19	3	0	
Cambridge .. ..	0	0	1	18	12	0	0	0	0	0	0	0	6	20	4	1	Armagh .. ..	0	0	5	22	4	0	0	0	0	0	0	0	0	12	17	2	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, OCTOBER, 1967

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 .. ..	228	8	13	25	108.7	31	127	1	12	25	69.5	31	211	2	14	25	107.3	31
Eskdalemuir .. ..	308	4	28	6	143.0	31	143	2	27	6	84.9	31	313	4	34	6	151.4	31
Cambridge .. ..	336	2	34	31	164.3	30	160	3	34	31	94.7	30	-	-	-	-	-	-
London W/Centre .. ..	281	18	47	31	148.4	27	133	2	42	19	82.9	27	314	2	58	19	174.5	27
Kew .. ..	435	26	50	11	176.6	31	132	5	50	11	90.1	31	320	2	64	11	174.1	31
Bracknell .. ..	309	18	50	31	161.1	31	155	5	46	31	97.4	31	320	18	54	31	177.7	31
Aberporth .. ..	332	2	28	31	149.9	31	166	5	29	31	108.2	31	-	-	-	-	-	-

TABLE II - CORRECTIONS TO RHOOSE  
Distribution of Mean Hourly Values of Wind Speed

YEAR	Range	January	February	March	April	May	June	July	August	September	October	November	December
1961	11 to 21 knots			222									297
	4 to 10 knots	379		406									376
	Less than 4 knots	26		114									
1963	11 to 21 knots										316	285	
	4 to 10 knots							455			354	298	
	Less than 4 knots							52					
1964	22 to 33 knots	26							7				
	11 to 21 knots	240			320	286			280		200	370	285
	4 to 10 knots	338	304	315	317	389	390				467	268	352
	Less than 4 knots	140	54	36		15	31				38		
1965	22 to 33 knots	169		77								100	
	11 to 21 knots	326	190	322					302			280	
	4 to 10 knots	223	437	317		388	423	426	399	395			
	Less than 4 knots			28		36	53	45		115			
1966	22 to 33 knots	91	59		36		24					51	
	11 to 21 knots	312	361	268	350	307	249		269		256		280
	4 to 10 knots	303		342	321	306	400		411		443	390	287
	Less than 4 knots			49	13		47		42			48	

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Temp. hr. GMT of Observation Min.	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in A DAY		Precip'n		Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	0.1 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1967	April	Stonyhurst																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

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# Monthly Weather Report

## OF THE METEOROLOGICAL OFFICE

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

Volume 84 Number 11

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### November 1967 — Sunny and rather cold generally

Weather was predominantly cyclonic in character during the first half of the month, but during the second half an anticyclone dominated the situation until the 23rd, after which weather was cyclonic again during the last week.

The unsettled, stormy and rather cold weather of late October continued for most of the first week of November. A deep depression moving eastwards across central districts of England brought widespread gales and periods of heavy rain on the 1st and 2nd; parts of Co. Antrim and Co. Down (Northern Ireland) had more than 60 mm of rain on 1st. The 3rd was brighter with scattered showers, but another depression moving north-eastwards across southern and eastern districts brought a renewal of heavy rain to southern England on the 4th. Winds over the country veered to north-west and reached gale force in many eastern coastal districts on the 6th, as this depression became centred over the North Sea; a gust of 73 kt was recorded at Whitby (North Riding of Yorkshire). There were also sleet showers in parts of north-east England and East Anglia. The next day was sunny and dry in southern and eastern England, but a depression moving south-eastwards from southern Ireland to the Bay of Biscay gave cloudy weather with some rain in the west.

The further southward movement of the Biscay depression brought a change of weather pattern on the 8th as a ridge of high pressure spread southwards over the British Isles. The day was sunny in many eastern and southern districts, but over much of the Midlands overnight fog failed to clear. From the 9th until the 14th pressure was high over France and southern England but depressions moved eastwards between Scotland and Iceland. Troughs associated with these depressions brought gales and periods of heavy rain to northern districts — rainfall exceeded 30 mm in parts of north-west England on the 10th — but in the south rain was only slight. This was also a mild period, the warmest day being the 11th when temperatures in parts of southern England reached 17°C.

Northerly winds on the 15th and 16th brought a general fall of temperature, and this was followed by nearly a week of quiet cold weather as an anticyclone, which had developed to the west of the British Isles, became almost stationary over England. There was some hazy sunshine during the afternoons and weather was mainly dry except for fog night and morning. On the night of the 20th overnight fog was mainly confined to northern districts; on the 21st it was widespread over the Midlands around dawn but cleared during the morning, but on the 22nd it persisted in some northern districts throughout the day. The next morning fog cleared from all areas soon after dawn.

On the 24th the anticyclone moved eastwards into Europe and rain from the Atlantic reached northern districts. The rain spread southwards during the night and on the 25th many places in southern England had their first measurable rain for 11 days. Slight rain continued during the next two days and was preceded by a little snow on the 26th and early on the 27th; parts of Wales were snow-covered for a time on the 26th.

Weather became milder but remained unsettled during the last few days of the month, as, in association with depressions near Iceland, belts of frontal rain alternating with showers and sunny periods moved eastwards across the British Isles.

**Pressure and Wind** — Mean pressure was everywhere above the 1931-60 average, except in the Shetlands, the difference from average ranging from 2.7 mb at Scilly to -1.0 at Lerwick. Surface winds were variable during the first week and south-westerly during the second, apart from north-westerlies on the 5th, 6th, 9th, 14th and 15th. Thereafter light variable winds gave place to westerlies during the last seven days of the month. Winds reached gale force on 14 days, gales being widespread on the 1st and 2nd. Gusts of 65 kt were recorded at Brawdy and Ballykelly on the 1st and one of 77 kt was recorded at Portland Bill on the 2nd.

**Temperature** — Milder weather for a day or two just before the middle of the month, and also at the end, briefly relieved an otherwise

cold month. The 11th was the warmest day; the coldest period was around the 18th. Extremes included: (England and Wales) 16.7°C at Hoddesdon, Caldecott and Dartford on the 11th, -8.3°C at Caldecott on the 18th; (Scotland) 15.3°C at Dyce on the 18th, -8.3°C at Balmoral on the 22nd; (Northern Ireland) 15.6°C at Hillsborough on the 10th, -5.6° at Pubble Forest on the 4th.

**Rainfall** — Rainfall was above the average in parts of the north-west and eastern coastal areas of Scotland, in parts of north-west England, the North Riding of Yorkshire, the Wirral, North Wales and locally in Cornwall, Kent and Norfolk. Elsewhere it was below the average. It was 50 per cent above the average in parts of the North Riding of Yorkshire and Northumberland but less than 50 per cent of the average over parts of south and south-west Scotland and over a wide corridor from south-east Devon to Nottingham. In Scotland the wettest days were the 10th and 27th but in England and Wales most rain fell on the 1st, 3rd and 4th. There was little rain from the 16th to 23rd.

Thunder was heard on 4 days in Scotland and on 5 days in England and Wales. Thunderstorms were widespread on the 2nd.

Snow or Sleet (snow and rain or drizzle) was reported from one place or another daily during the first week except the 2nd and 3rd, or the 16th and 18th and from the 25th until the 28th. Ground was snow-covered at a number of places in Wales on the 26th, and in northern England on the 27th.

**Sunshine** — It was a sunny month generally. In Scotland sunshine was above the average in all eastern districts, over much of the central area and in parts of the south-west but elsewhere it was below average. Excesses of up to 40 hours were recorded in the east, deficits of about 20 hours in the north-west. In England and Wales sunshine was above the average except for a few places in the Midlands and the extreme south-west of Cornwall. It was the sunniest November at Southampton since 1925.

**Fog** — Foggy periods included the 7th-9th and the 20th-24th. Morning fog was reported on 15 days in Scotland and on 19 days in England and Wales. Overnight fog was mainly confined to Scotland on the morning of the 7th; on the night of the 7th/8th it was fairly widespread over the Midlands and on the following night it blanketed most of the country.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on 11 nights.

TABLE I—DISTRICT VALUES, NOVEMBER, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
Difference from Average								% of Average		
0 SCOTLAND, N.	12.8	-3.0	-0.2	-0.6	-0.4	-0.3	+0.1	-1	97	78
1 SCOTLAND, E.	14.4	-2.2	-0.3	-0.8	-0.6	-0.3	-0.2	-1	99	125
2 ENGLAND, N.E.	15.0	-3.6	-1.2	-1.9	-1.5	-0.7	-0.1	-5	94	116
3 ENGLAND, E.	16.1	-3.9	-1.0	-1.6	-1.3	-0.5	-0.1	-2	78	114
4 MIDLANDS	16.1	-5.0	-1.2	-1.5	-1.3	-0.7	-0.2	-1	64	117
5 ENGLAND, S.E.	15.6	-4.5	-0.7	-1.5	-1.1	-0.8	-0.3	-2	65	131
6 SCOTLAND, W.	13.3	-5.6	-0.6	-0.8	-0.6	-0.1	-0.2	-2	76	101
7 ENGLAND, N.W. and N. Wales	14.4	0.0	-1.1	-1.7	-1.4	-0.5	0.0	+1	84	119
8 ENGLAND, S.W. and S. Wales	14.4	-5.0	-1.4	-1.5	-1.5	-0.7	-0.4	-2	55	117
N. IRELAND	13.5	-4.4	-0.5	-1.1	-0.8	-	-	-1	90	119
SCOTLAND	14.4	-5.6	-0.4	-0.7	-0.5	-	-	-1	86	101
ENG. and WALES	16.1	-5.0	-1.1	-1.6	-1.3	-	-	-2	78	119

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

FL 3 A



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER, 1967

DISTRICT COUNTY AND PLACE			HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Sea Level	Above ground	Effective Height	34 knots or more (Gale force)			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 (hr)	No. of days	Duration in Hours				Veer from N		Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time		
									1 to 3	4 to 10	11 to 21	22 to 33										
0	Zetland	Lerwick	93	10	10	11, 17, 30	6	18	219	277	201	17	0	16.3	250	37	11	09	250	58	11	1135
	Orkney	Kirkwall	41	15	10	1, 2, 11, 15, 18	23	16	140	347	185	25	0	15.6	260	56	11	20	260	88	11	1935
	Caithness	Dounreay	34	12	9	11, 12, 14	12	16	137	425	143	1	2	16.5	290	48	11	22	290	70	11	2120
		Wick	45	10	10	11	3	7	76	313	259	69	0	12.5	260	39	11	21	260	60	11	2000
	Sutherland	Shin	24	10	10	-	0	2	17	138	256	307	2	6.2	220	33	14	12	260	55	11	1810
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	1, 2, 10, 11, 14, 15, 17, 24, 26, 27, 28, 30	61	22	215	355	53	36	0	19.6	210	46	14	05	210	63	14	0405
		Duirinish	38	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Inverness	Benbecula	16	10	10	1, 2, 11, 14, 15	24	17	157	373	145	21	0	16.6	060	40	1	2000	280	63	11	1445
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	1	1	128	222	369	0	5.0	220	23	14	11	220	42	14	1020
		Cairngorm	1074	9	9	10-14, 27, 28, 30	67	19	157	258	177	9	72	18.8	220	54	14	11	220	80	14	1050
1	Moray	Kinloss	17	13	13	-	0	10	66	318	281	55	0	11.9	270	32	11	23	250	53	11	1811
		Lossiemouth	31	24	18	11	2	10	66	325	254	73	0	11.8	290	35	11	23	290	59	11	2210
	Aberdeen	Dyce	71	9	9	-	0	6	20	269	270	161	0	9.4	210	29	14	14	210	47	14	1320
	Angus	Bell Rock	39	40	38	-	0	1	1	90	298	331	0	4.8	280	23	18	03	280	47	11	1705
	Perth	Rannoch	307	17	17	-	0	11	67	210	226	213	4	9.0	270	33	11	19	270	60	11	1540
		Tummel Bridge	161	16	16	-	0	1	1	90	298	331	0	4.8	280	23	18	03	280	47	11	1705
	Fife	Leuchars	24	12	12	-	0	5	43	228	355	94	0	10.0	050	29	2	03	050	47	2	0225
	West Lothian	Forth Road Bridge	72	9	72	1, 11	10	14	100	266	252	80	12	12.7	240	42	11	06	240	57	11	0540
	Midlothian	Turnhouse	42	12	10	-	0	4	29	173	409	109	0	8.4	240	27	11	07	050	49	2	0305
		Edinburgh, Blackford Hill	151	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
6a	Argyll	Tires	27	18	14	2, 11, 14, 15	34	24	222	314	73	77	0	17.5	350	42	15	10	350	62	15	0910
	Dunbarton	Cumbernauld	166	10	10	-	0	8	49	180	346	137	8	9.4	240	31	11	07	240	47	11	0555
	Renfrew	Paisley	57	25	9	-	0	2	3	125	280	312	0	5.6	290	22	11	01	290	47	11	2130
		Abbotsinch	16	10	10	-	0	6	23	167	309	221	0	7.3	250	29	11	02	280	54	11	2155
	Lanark	Lowther Hill	736	13	10	1, 11	8	14	110	372	197	33	0	14.3	260	37	11	14	270	54	11	1600
	Ayr	Hunterston	13	9	9	-	0	5	27	267	194	232	0	8.8	250	28	11	17	270	42	11	1945
		Prestwick	21	10	10	-	0	4	15	212	303	190	0	8.0	080	27	1	16	090	43	1	1545
	Dumfries	Chapelcross	94	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Eskdalemuir	251	15	11	-	0	4	15	161	188	356	0	6.0	210	28	13	21	280	52	11	1415
	Wigtown	West Frouth	25	10	10	-	0	5	11	329	271	108	1	10.1	130	28	1	13	140	43	1	1150
6b	Isle of Man	Ronaldsway	25	10	10	1	1	12	64	316	265	74	0	11.9	120	34	1	14	120	46	1	1335
		Point of Ayre	20	10	10	1	3	17	174	337	178	28	0	15.6	110	37	1	14	120	52	1	1455
2	Durham	Durham	119	16	10	-	0	8	24	203	329	164	0	8.5	300	26	11	20	310	53	11	2120
		South Shields	22	17	13	5	14	6	29	119	447	111	0	8.4	360	39	5	10	330	53	5	1732
	York, N.R.	Leeming	42	10	10	-	0	3	23	227	315	160	0	8.6	290	30	11	16	290	44	11	1510
		Silpho Moor	207	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Lincoln	Cranwell	76	12	12	-	0	2	6	82	339	293	0	5.6	230	24	11	02	290	39	6	0115
		Binbrook	118	10	10	-	0	5	23	278	317	102	0	9.7	300	30	5	23	310	46	5	2220
		Manby	26	10	10	-	0	2	13	207	393	107	0	8.4	300	27	6	03	300	37	6	0235
3	Norfolk	Gorleston	16	13	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Suffolk	Mildenhall	30	25	18	-	0	1	8	114	416	182	0	6.7	290	27	6	05	290	46	6	0250
	Bedford	Bedford	98	13	9	-	0	3	12	245	447	15	1	9.7	280	30	6	04	280	46	6	0315
		Cardington	69	41	41	-	0	2	4	187	423	106	0	8.5	280	26	6	04	240	44	1	1640
	Hertford	Garston	94	15	10	-	0	0	0	48	413	259	0	5.2	290	17	6	06	280	30	6	0510
		Rothamsted	141	13	10	-	0	0	0	54	531	135	0	5.8	290	15	6	06	290	33	6	0600
	Essex	Stansted	107	9	9	-	0	1	1	127	508	84	0	7.2	270	22	6	04	280	39	6	0345
		Coryton	20	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Shoeburyness	36	32	28	2	2	6	47	434	230	7	0	12.8	190	36	2	09	180	56	2	0820
4	York, W.R.	Sheffield	162	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Warwick	Edgbaston	196	36	22	-	0	2	3	168	497	52	0	8.1	300	23	6	01	300	39	6	0035
		Elmdon	105	9	9	-	0	4	18	224	383	95	0	9.0	320	28	5	21	320	44	5	2030
	Buckingham	Amersham	152	15	15	-	0	0	0	96	459	165	0	6.6	190	16	2	02	190	37	2	0200
	Stafford	Keele	215	15	10	-	0	1	1	95	422	202	0	6.2	330	23	5	12	330	44	5	1140
	Worcester	Pershore	47	10	10	-	0	1	5	216	360	139	0	8.2	340	24	5	16	340	38	5	1535
	Gloucester	Avonmouth	28	19	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5	Greater London	London W/Centre	93	70	38	-	0	0	0	218	479	23	0	9.2	230	19	2	15	230	34	2	1425
		Heathrow	35	10	10	-	0	1	1	150	495	65	0	8.0	220	22	2	14	230	34	2	1345
		Hampton	42	31	30	-	0	0	0	107	326	287	0	5.4	270	21	2	15	270	38	2	1420
		Kew	28	23	15	-	0	0	0	82	426	212	0	5.7	210	15	2	15	250	40	1	1640
	Surry	Gatwick	69	10	10	-	0	0	0	102	392	226	0	5.8	190	18	2	07	190	39	2	0700
	Kent	Isle of Grain	15	12	10	-	0	1	1	144	471	104	0	7.6	230	28	2	10	200	48	2	0835
		Dover	21	12	19	2	2	3	25	201	329	139	24	8.6	190	36	2	05	200	52	2	0720
	Sussex	Thorney Island	16	10	10	-	0	3	26	207	362	125	0	9.0	210	33	2	06	220	55	2	0120
	Berkshire	Abingdon	90	12	12	-	0	0	0	140	369	211	0	6.4	250	19	11	14	250	31	11	1535
	Hampshire	Hurn	26	16	14	-	0	2	2	167	345	206	0	7.1	280	24	5	19	230	48	2	0040
		Calshot	15	13	10	-	0	2	9	207	455	49	0	8.9	220	30	2	05	220	44	2	0100
		S. Farnborough	97	21	11	-	0	3	14	238	340	128	0	9.0	240	30	2	14	260	42	1	1610
	Wiltshire	Larkhill	145	13	10	-	0	2	2	192	414	112	0	8.1	240	24	2	12	260	40	1	1455
		Boscombe Down	130	16	16	-	0	6	22	319	327	52	0	10.4	280	27	3	03	290	42	3	0300
		Porton	120	10	10	-	0	2	3	235	394	88	0	8.8	280	23	3	03	200	38	1	2350
7a	Cumberland	Sellafield	25	12	11	-	0	1	1	206	220	193	0	7.9	120	22	1	14	120	40	1	1345
		Carlisle	42	13	9	-	0	3	20	210	261	229	0	7.7	240	32	11	13	230	50	11	0705
		Spadesdam	292	16	15	-	0	4	18	173	330	199	0	7.7	240	27	11	11	250	49	11	1230
	Westmorland	Great Dun Fell	857	10	10	4, 5, 10-13	35	17	163	352	136	34	0	16.7	320	42	5	24	250	56	11	

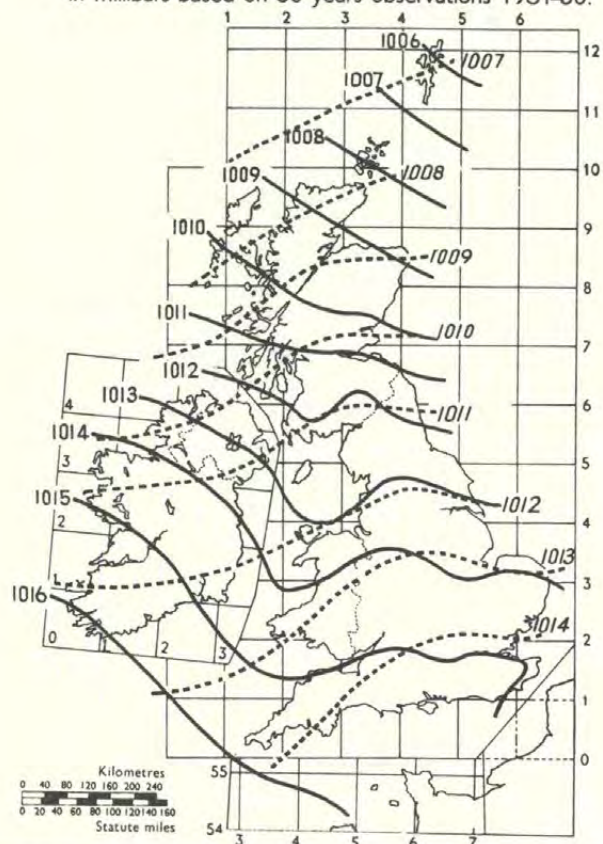
7 Anemograph dismantled for re-erection

Ø Record ceased

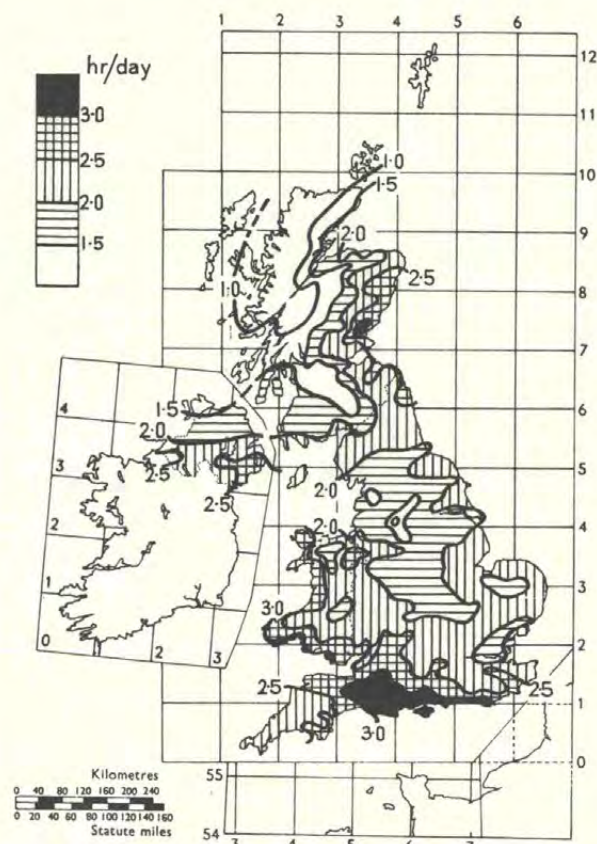


## MEAN PRESSURE AT 9 G.M.T.

The dotted lines show the normal distribution of pressure in millibars based on 30 years observations 1931-60.

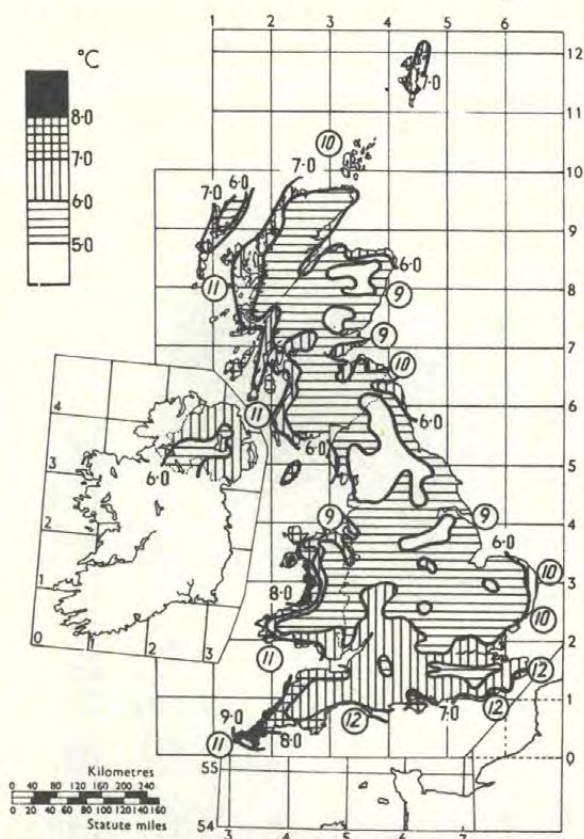


## BRIGHT SUNSHINE

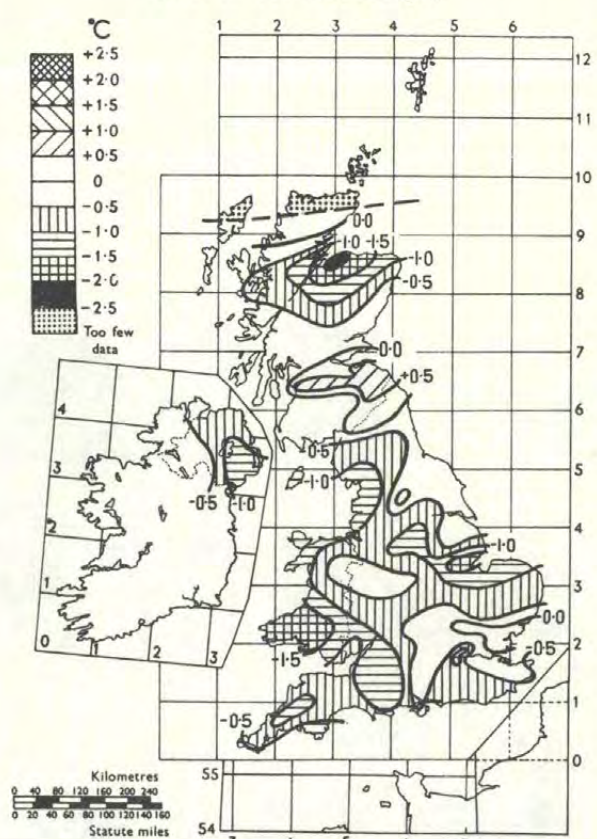


## MEAN AIR TEMPERATURE

Reduced to sea level by a correction of 0.6°C for 100metres  
Sea temperatures are shown by figures in circles thus (10)



## ANOMALY OF MEAN 30cm EARTH TEMPERATURE (based on 1931-1960 averages)





# RAINFALL

## NOVEMBER 1967

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

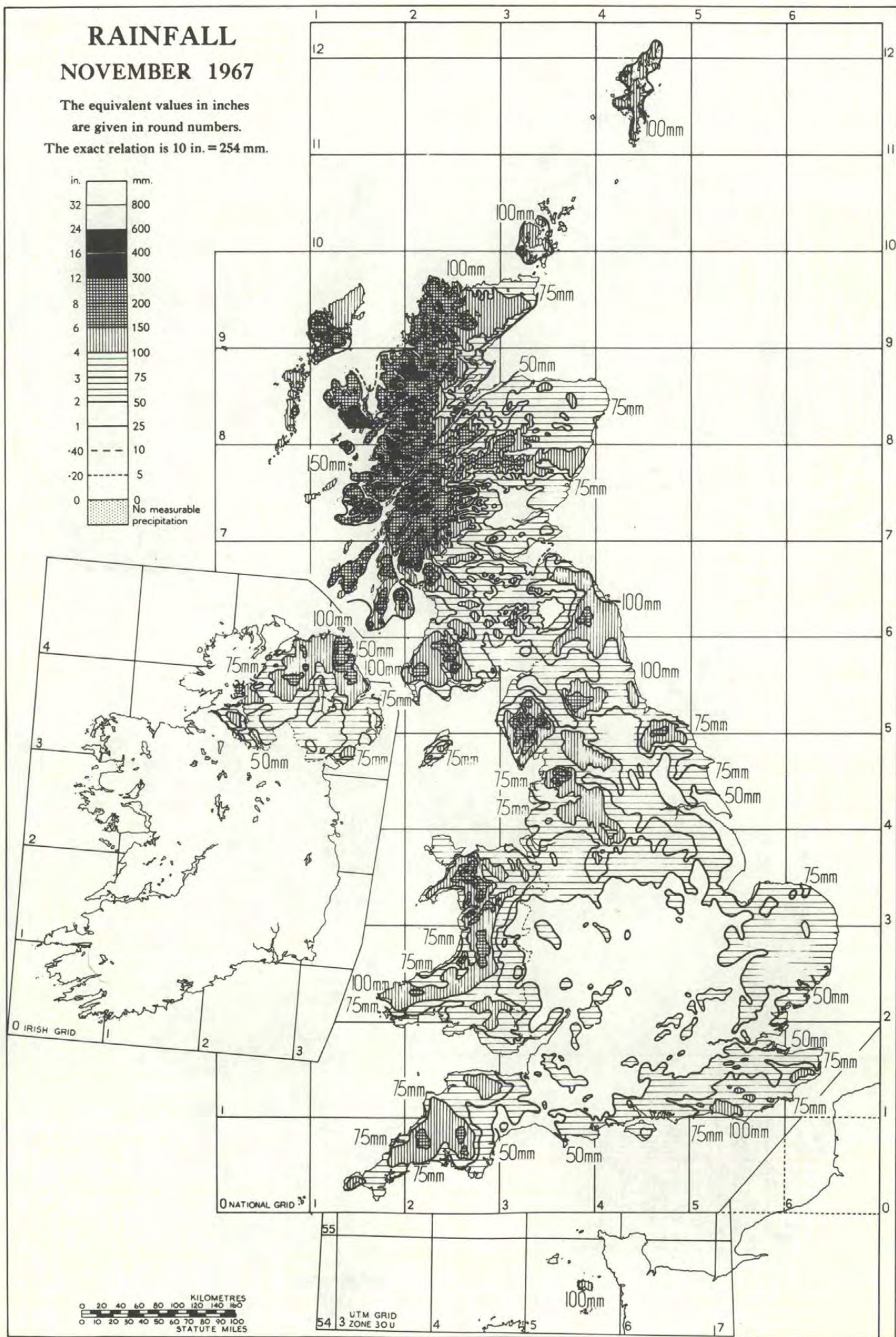
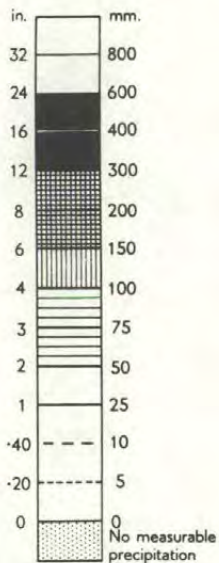




TABLE III

—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-60 average	Most in a day (mm.)	Precip'n		Snow or sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date						0.2 mm. or more	1.0 mm. or more														
0 SCOTLAND, N.																																
Zetland		Hannavae ...	9 9	21	9.1	4.9	7.0	-	10.6	10,11,30	(0.0)	27	-	-	98	-	14	10	29	17	2	0	2	1	0	0	0	-	3	0.64	-	-
		Lerwick ...	21-9	82	7.7	4.7	6.2	+0.3	10.5	10	-0.3	26	-	-	120	95	19	3	25	21	4	0	1	5	1	1	6	5	0.68	62	-	
		Baltasound ...	9 9	24	8.4	3.5	5.9	-	10.6	10,30	-0.6	27	6.9	-	112	86	15	3	28	21	2	0	0	0	0	1	1	3	0.72	-	-	
Orkney		Sule Skerry ...	21-9	13	9.1	5.7	7.4	-	12.8	23	0.9	16	-	-	137	-	21	10	23	17	0	0	0	0	0	0	0	5	-	-	-	
		Stenness ...	9 9	23	8.6	4.1	6.3	-	11.1	10,30	-0.6	26	6.8	8.2	118	104	15	10	28	19	2	0	2	0	1	0	1	8	3	0.65	-	-
		Evie ...	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Kirkwall ...	21-9	26	8.2	4.4	6.3	-0.4	11.4	30	-0.6	26	-	-	106	95	25	10	26	18	8	0	5	0	2	0	1	9	6	0.67	48	-
Caithness		Dounreay ...	9 9	21	9.6	2.4	6.0	-	13.3	18	-1.7	27	-	-	85	-	14	3	23	15	1	0	1	0	0	1	3	5	3	-	-	
		Wick ...	21-9	36	8.1	3.2	5.7	-0.7	12.4	30	-1.9	26	-	-	81	101	17	1	21	15	0	0	0	6	0	1	3	11	1	1.60	92	-
Sutherland		Cape Wrath ...	21-9	112	8.0	4.9	6.5	-0.7	10.5	11	1.2	12	-	-	121	89	28	10	26	20	1	0	1	0	0	0	0	0	7	0.56	-	S
		Achfary ...	9 9	46	8.4	2.8	5.6	-	11.7	10,27	-1.1	8	-	-	237	-	59	10	25	23	-	-	-	-	2	1	13	-	-	-	-	
		Achany ...	9 9	85	8.1	0.9	4.5	-	12.2	30	-5.6	23	5.6	8.0	106	104	38	1	22	15	6	0	4	0	0	1	11	27	0	-	-	
		Strathy ...	9 9	37	8.8	2.4	5.6	-0.2	13.9	18	-1.7	22,27	-	-	93	79	14	14	21	18	7	0	3	2	0	0	4	-	0	1.31	104	S
Ross & Cromarty		Stornoway ...	21-9	3	8.6	4.0	6.3	-0.7	11.6	10,30	-3.0	8	-	-	120	104	17	10	22	18	2	0	0	4	0	0	2	8	4	1.21	81	-
		Balmacara ...	9 9	4	9.8	4.1	6.9	-	12.8	10,15	0.6	26	-	-	159	-	30	13	21	18	0	0	1	0	0	0	0	-	3	-	-	-
		Poolewe ...	9 9	6	9.5	4.3	6.9	-	12.2	10,30	0.6	26	-	-	215	146	37	10	26	23	-	-	-	-	0	0	2	-	0.59	-	S	
		Rudh Re ...	9 9	16	9.1	6.1	7.6	-	11.7	10	2.0	8	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	11	-	-	-	
		Inverpolly ...	9 9	14	9.2	3.9	6.5	-	11.7	10,13,30	-1.1	26	7.4	-	150	-	31	10	27	23	0	0	2	9	0	-	1	12	2	-	-	S
		Achnashellach ...	9 9	67	8.2	2.0	5.1	-0.5	11.7	10	-1.1	27	-	-	271	133	43	10	26	23	1	0	0	0	0	0	3	-	0	-	-	-
		Kinlochewe ...	9 9	23	9.1	2.2	5.7	-0.6	13.3	30	-1.7	4	6.7	-	229	120	33	27	25	18	4	0	0	1	0	0	3	12	1	0.62	-	S
		Fortrose ...	9 9	5	8.8	4.2	6.5	-0.3	12.2	10,30	1.7	23,26	-	-	48	84	17	1	17	9	0	0	0	0	0	1	0	-	1	1.56	92	-
		Tarbatness ...	21-9	18	7.9	3.7	5.8	-0.5	12.5	10	0.0	26	-	-	45	90	12	1	13	10	1	0	0	0	0	1	0	-	2	-	-	-
Inverness		Benbecula ...	21-9	6	8.7	5.4	7.1	-0.2	10.9	10,11	-0.2	8	-	-	123	96	21	27	28	21	3	0	0	6	0	0	1	6	6	1.18	-	-
		Isle of Rhum ...	9 9	5	9.4	4.3	6.9	-	12.2	29	0.6	26,27	7.2	9.5	290	105	46	27	24	23	0	0	3	2	0	0	0	13	0	-	-	-
		Prabost ...	9 9	67	8.4	3.6	6.0	-	11.1	10,30	0.0	8	-	-	255	127	34	13	28	26	0	0	0	10	0	0	0	17	9	0.91	-	-
		Duntulm ...	9 9	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Onich ...	9 9	15	9.1	2.7	5.9	-0.5	12.8	10	-0.6	5,26,27	-	-	204	102	32	13	20	17	-	-	-	-	-	3	18	-	0.77	63	S	
		Fort William ...	9 9	8	8.8	2.8	5.8	-	12.2	10,13	-1.1	1,6	6.3	7.9	157	-	34	13	22	17	1	0	0	0	0	1	5	11	3	0.57	-	S
		Fort Augustus ...	9 9	21	8.1	2.3	5.2	-0.4	12.2	30	-1.1	5,26,27	-	-	97	-	11	10,14	23	17	1	1	0	0	0	3	5	-	2	1.08	-	S
		Cannich ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Inverness ...	9 9	4	9.1	3.1	6.1	-	13.9	30	0.0	24,27	-	-	47	81	9	2	17	14	0	0	0	0	0	0	0	8	0	1.66	-	-
		Coire Cas Shieling	9 9	762	6.1	0.1	3.1	-	11.7	18,30	-5.0	27	-	-	132	-	41	1	18	17	7	7	0	0	0	5	14	-	4	-	-	
		Cairngorm ...	9 9	1090	3.3	-2.5	0.4	-	10.0	19	-7.8	27	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	13	-	-	S	
		Achnagoichan ...	9 9	305	7.3	0.3	3.8	-	12.2	10,30	-3.9	23	5.1	-	61	-	14	1	14	12	-	-	-	-	-	-	10	28	-	-	-	-
		Glenmore Lodge	9 9	341	7.2	-0.3	3.5	-0.3	12.1	10	-5.8	27	-	-	81	84	23	15	17	12	-	0	-	-	-	1	14	26	-	1.42	-	S
1 SCOTLAND, E.																																
Nairn		Nairn ...	9 9	6	8.7	2.8	5.7	-0.3	12.8	10,30	-1.7	23,27	-	-	44	79	10	1	21	12	0	0	0	0	0	1	3	11	1	1.94	110	-
		Grantown-on-Spey	9 9	221	6.9	0.1	3.5	-	12.2	10	-5.0	22	-	-	65	-	15	15	19	13	4	0	0	1	0	2	12	-	0	-	-	-
Moray		Forres ...	9 9	47	8.4	2.2	5.3	-0.5	13.9	30	-1.7	23	5.7	8.2	51	94	15	1	18	11	0	0	0	0	0	1	6	12	0	2.22	105	-
		Kinloss ...	21-9	5	8.5	2.5	5.5	-0.4	13.6	30	-3.2	22	6.5	-	55	102	20	1	17	11	2	0	0	5	0	1	8	12	2	1.74	-	-
		Elgin ...	9 9	15	8.9	1.8	5.3	-	13.9	30	-3.3	23	-	-	67	112	17	1	18	15	0	0	0	0	0	1	8	15	0	1.76	-	S
		Lossiemouth ...	9 9	6	8.8	1.7	5.3	-0.5	13.3	30	-3.9	23	-	-	57	98	10	2	18	13	1	0	2	2	0	1	7	14	3	-	-	-
		Gordon Castle ...	9 9	32	9.2	2.8	6.0	0.0	13.9	29,30	-1.1	23	-	-	85	116	16	1	17	14	0	0	0	0	0	-	3	-	0	1.98	117	-
Banff		Glenlivet ...	9 9	215	7.3	1.3	4.3	-	13.4	18	-6.9	22	-	-	76	-	17	1	20	13	1	0	0	0	0	0	9	21	0	2.09	-	S
		Banff ...	9 9	24	8.8	3.4	6.1	-	13.3	11	0.0	27	-	-	87	-	14	5	21	16	1	0	0	0	0	1	1	-	2	1.69	-	-
Aberdeen		Braemar ...	9 9	339	7.2	-0.5	3.3	-0.5	12.2	18	-7.8	22,23	-	-	79	81	33	1	13	12	-	2	-	-	-	0	14	22	-	1.56	-	S
		Balmoral ...	9 9	283	7.1	-1.4	2.9	-1.0	12.8	18	-8.3	22	-	-	91	107	45	1	18	10	2	2	0	0	0	-	18	23	0	-	-	-
		Dinnet ...	9 9	177	8.4	0.9	4.7	-	15.0	18	-5.6	22	5.1	-	63	-	21	1	16	8	0	0	0	0	0	0	8	23	0	2.62	-	-
		Huntly ...	9 9	123	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Fyvie Castle ...	9 9	66	8.0	0.1	4.1	-	14.4	11	-6.1	22	-	-	111	119	19	15	20	18	1	-	0	0	0	-	12	26	2	2.37	-	S
		Craibstone ...	9 9	91	8.1	2.2	5.1	-0.6	14.4	18	-1.7	22	5.6	7.6	99	110	22	2	17	11	2	1	0	0	0	0	5	15	0	2.58	130	-
		Dyce ...	21-9	58	8.3	1.8	5.1	-0.5	15.3	18	-5.6	22	-	-	98	105	27	2	13	10	3	1	0	0	0	0	9	14	0	2.67	-	-
		Aberdeen ...	9 9	52	8.1	1.6	4.9	-0.8	13.9	30	-3.3	22	-	-	86	100	24	2	15	9	1	0	0	1	0	1	6	15	0	2.56	141	S
		Udny ...	9 9	107	8.0	1.9	4.9	-	15.0	18	-1.7	26,27	-	-	83	81	17	5	15	10	0	0	0	0	0	0	3	17	0	2.86	-	-
		Rattray Head ...	9 9	26	8.9	3.4	6.1	-0.4	12.5	30	-1.5	27	-	-	85	108	11	5,15	19	18	-	0	-	-	-	-	1	-	-	2.30	-	-
Kincardine		Fettercairn																														



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1967

DISTRICT, COUNTY AND PLACE		Max. Temp. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Most in a day (mm.)	Precip'n			Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date						0.2 mm. or more	1.0 mm. or more	Snow or Sleet														
1 SCOTLAND, E.—cont.																																	
Midlothian		99	61	8.2	2.7	5.5	-0.4	12.8	10	-1.7	26	5.7	-	47	76	20	1	17	7	0	0	0	0	0	0	3	3	20	0	2.10	-	S	
—cont.		99	189	7.7	1.4	4.5	-0.7	11.7	10,11	-2.8	19,23	6.1	-	63	73	21	1	12	11	1	0	0	0	0	2	9	19	0	2.00	-	-		
Bush House		99	184	8.2	1.8	5.0	-	12.8	10	-3.3	23	5.4	7.7	52	64	16	1	12	9	0	0	0	0	0	0	8	14	0	2.05	-	-		
Edinburgh—		99	134	8.5	3.2	5.9	-0.4	12.8	11	-1.1	23	-	-	45	74	18	1	14	6	0	0	0	0	0	2	3	10	-	2.40	126	-	-	
Blackford Hill		99	23	8.9	2.7	5.8	-0.3	13.3	10,13	-2.2	26	6.3	-	46	77	18	1	13	6	0	0	0	0	0	1	5	18	0	2.16	130	-	-	
Royal Bot. Gdns.		99	49	8.7	2.2	5.5	-	13.3	10,11,13	-2.8	26	-	-	88	147	27	1	18	9	0	0	0	0	0	2	8	14	0	1.95	-	S	-	
E. Lothian		99	23	9.0	3.3	6.1	-0.6	13.9	11	-0.6	20,23	-	-	63	115	19	1	17	10	0	0	0	0	0	1	3	6	0	2.89	138	-	-	
Dunbar		99	69	8.7	0.7	4.7	-	13.3	10	-3.9	23,26	-	-	48	-	19	1	14	9	0	-	0	0	0	-	14	21	0	2.38	-	-	-	
Berwick		99	183	7.8	0.1	3.9	-	12.8	11,12	-5.0	23	-	-	80	-	34	1	19	11	4	1	0	0	0	4	13	26	0	2.87	-	-	-	
Lauder		99	152	8.0	1.2	4.6	-0.8	13.3	10,(11)	-2.2	23,26	-	-	87	114	23	1	21	14	1	0	0	0	0	2	8	-	0	2.08	132	S	-	
Marchmont		99	255	7.8	1.2	4.5	-	12.2	11,18	-2.8	26	-	-	103	126	28	1	20	13	2	1	0	0	0	-	6	-	0	-	-	-	-	
Whitchester		99	75	8.1	4.3	6.2	-	14.0	11	-0.3	27	-	-	-	-	-	-	-	-	1	0	0	0	0	1	1	5	6	-	-	-	-	
St. Abb's Head		99	226	7.5	1.1	4.3	-	12.2	10,11	-6.1	20,23	-	-	80	71	41	1	19	12	1	0	0	0	0	1	10	26	0	-	-	-	-	
Peebles		99	253	7.4	1.3	4.3	-	12.2	11	-3.3	23	-	-	54	62	22	1	14	10	2	0	0	0	0	2	10	22	0	1.55	-	-	-	
Blyth Bridge		99	244	7.5	0.6	4.1	-	11.1	13	-4.4	23	4.9	7.9	76	82	27	1	19	13	0	0	0	0	0	2	10	15	0	-	-	-	-	
West Linton		99	177	8.7	1.2	4.9	-	13.3	11	-5.0	23	-	-	55	73	32	1	16	8	0	0	0	0	0	2	10	-	0	-	-	-	-	
Gleintress		99	183	7.8	0.9	4.3	-	13.3	10	-3.9	19	-	-	44	53	25	1	15	9	2	0	0	0	0	1	3	11	-	0	-	-	-	
Selkirk		99	171	8.0	-0.2	3.9	-	12.8	10	-6.1	26	-	-	65	81	15	1	17	13	0	0	0	0	0	0	13	-	2	-	-	-	-	
Roxburgh		99	35	8.7	0.9	4.8	-	13.9	11	-4.4	26	-	-	59	-	21	1	13	9	1	0	0	0	0	1	12	21	0	2.08	-	S	-	
Kelso		99	274	7.8	1.1	4.5	-0.4	12.2	10	-4.4	26	-	-	178	-	44	2	15	12	2	0	0	0	0	0	9	21	0	2.43	-	-	-	
Sourhope		99	274	7.8	1.1	4.5	-0.4	12.2	10	-4.4	26	-	-	178	-	44	2	15	12	2	0	0	0	0	0	9	21	0	2.43	-	-	-	
6a SCOTLAND, W.																																	
Argyll		21-9	9	9.1	5.7	7.4	-0.5	11.5	10	1.7	8	-	-	120	102	16	12	25	20	0	0	0	5	0	0	0	0	6	3	1.17	73	-	-
Tiree		21-9	20	9.5	5.8	7.7	-	12.0	11	2.3	26	-	-	148	92	18	3	24	19	0	0	4	0	0	0	0	0	1	-	-	-	-	-
Rhuvaal		99	27	9.6	5.0	7.3	-0.2	11.7	10	1.7	8	-	-	144	100	19	10	25	20	2	-	1	0	0	0	2	0	-	2	-	-	-	-
Colonsay		99	3	9.7	5.1	7.4	-	12.2	11	1.7	26	-	-	181	-	30	14	26	19	-	0	-	-	-	1	0	3	-	-	-	-	-	-
Craighouse		99	3	9.7	5.1	7.4	-	12.2	11	1.7	26	-	-	181	-	30	14	26	19	-	0	-	-	-	1	0	3	-	-	-	-	-	-
Machrihanish		21-9	10	9.3	5.6	7.5	-	12.6	13	0.4	22	-	-	116	-	16	10	23	16	0	0	4	0	0	0	0	6	2	1.78	-	-	-	-
Campbeltown		99	3	9.9	4.9	7.4	-	12.8	12	0.6	24	-	-	78	-	11	10	20	19	0	0	0	0	0	13	0	-	0	1.83	-	-	-	-
Polloch		99	10	9.5	2.1	5.8	-	12.2	10,12,13	-1.1	5,8,26	-	-	234	-	36	10	23	20	0	-	0	0	1	-	6	17	0	-	-	-	-	-
Achaglachgach		99	12	9.1	2.9	6.0	-	12.2	30	-2.2	27	-	-	180	109	24	14	22	20	0	-	3	0	0	0	3	16	0	-	-	-	-	-
Lepinmore		99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Glenbranter		99	24	8.2	2.2	5.2	-	12.2	10	-2.2	7	-	-	185	-	26	10	20	15	1	0	0	0	0	1	5	17	0	-	-	-	-	-
Benmore Y.B.G.*		99	12	9.0	3.0	6.0	-	12.8	10	-2.2	26	-	-	183	72	29	10	20	17	1	0	0	0	0	3	5	19	0	-	-	-	-	-
Bute		21-9	18	9.3	5.1	7.2	-	12.3	10	0.6	26	-	-	109	-	19	10	19	12	0	-	0	0	0	0	0	2	4	-	-	-	-	-
Kildonan		99	15	10.0	4.3	7.1	-	12.8	10	-0.6	22	7.1	-	136	-	21	10	17	16	0	0	0	0	1	0	1	15	0	-	-	-	-	-
Brodick Castle		99	43	8.9	4.1	6.5	-0.4	11.7	10,11,30	0.6	26	6.4	8.6	138	93	23	10	19	18	0	0	0	0	0	1	0	0	8	0	1.73	109	-	-
Rothsay		99	5	9.8	5.0	7.4	-0.5	13.3	10	1.1	26,27	-	-	93	79	12	10	18	15	0	0	0	0	0	0	0	0	1	-	-	-	-	-
Dunbarton		99	15	8.9	3.7	6.3	-	12.8	30	0.6	22,26	-	-	125	-	16	10	18	14	0	0	0	1	0	-	0	-	0	-	-	-	-	-
Finnart		99	89	8.2	2.4	5.3	-0.7	11.7	10	-1.7	26	-	-	92	62	11	12	19	14	0	0	0	0	0	1	6	-	0	1.35	94	-	-	-
Helensburgh		21-9	12	8.7	4.1	6.4	-	13.4	30	-0.9	26	-	-	186	-	33	10	19	15	1	-	0	0	0	0	4	-	0	-	-	-	-	-
Sloy		99	94	7.7	1.1	4.4	-	12.2	10	-3.9	26	-	-	80	-	14	1	18	14	0	0	0	0	0	0	8	18	0	-	-	-	-	-
Cumbernauld		99	94	7.7	1.1	4.4	-	12.2	10	-3.9	26	-	-	80	-	14	1	18	14	0	0	0	0	0	0	8	18	0	-	-	-	-	-
Stirling		21-9	335	5.9	1.5	3.7	-	10.1	11	-2.7	16	-	-	76	-	13	13	17	14	-	-	-	-	-	4	9	16	-	2.02	-	-	-	-
Earl's Hill		99	46	8.5	2.0	5.3	-0.7	13.3	30	-2.8	26	5.7	9.7	44	46	7	12	19	12	1	0	0	0	0	5	7	18	0	1.85	-	-	-	-
Stirling		99	3	8.9	2.7	5.8	-	12.8	10,11	-1.7	26																						



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931—40 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931—40 average	Most in a day (mm.)	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9 hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931—40 average	Exposure			
				A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																				
2 ENGLAND, N.E.																																	
Northumberland	Kielder Castle ...	9 9	201	7.1	-0.3	3.4	-	11.1	11,13	7.2	26	6.5	-	103	90	29	1	22	16	2	1	0	0	0	6	15	25	0	-	-	-		
	Haydon Bridge ..	9 9	79	8.0	0.2	4.1	-	12.8	10,11,13	-3.9	19,27	5.6	7.9	78	-	32	1	16	10	0	0	0	0	0	8	14	20	0	-	-	-		
Durham	Corbridge ...	9 9	49	8.4	0.5	4.5	-	13.9	11	-4.4	27	-	-	71	-	24	1	11	9	0	0	0	0	0	5	13	20	0	-	-	-		
	Berwick-on-Tweed †	9 9	23	8.4	2.3	5.3	-1.2	14.4	10,11	-2.2	23	-	-	80	140	24	5	16	13	0	0	0	0	0	2	8	16	0	2.42	119	-		
	Cockle Park †	9 9	99	-	-	-	-	-	-	-	-	5.3	-	102	146	46	5	16	13	0	0	0	0	0	-	16	0	2.53	123	-	-		
	Acklington ...	21-9	42	8.4	1.9	5.1	-	13.4	13	-3.1	26	-	-	105	164	56	5	14	12	0	0	0	0	1	0	2	7	16	4	3.07	-		
	Tynemouth ...	21-9	29	8.0	3.4	5.7	-1.6	13.6	11	-0.6	24	-	-	79	125	22	5	15	13	0	0	0	0	0	1	3	9	4	2.28	141	-		
	Seahouses ...	21-9	11	8.6	3.1	5.9	-	14.0	13	-1.4	23	-	-	111	-	52	5	13	13	0	0	0	0	0	2	3	-	4	2.73	-	-		
	Chopwellwood ...	9 9	136	8.3	1.4	4.9	-1.1	13.9	30	-3.3	24	-	-	83	119	34	1	16	9	0	0	0	0	0	0	8	23	0	-	-	S		
	Ushaw College ...	9 9	181	8.2	1.1	4.7	-1.1	13.3	11	-2.8	26	-	-	80	108	38	5	13	(8)	0	0	0	0	0	0	2	8	-	0	-	-		
	Houghall ...	9 9	37	-	0.5	-	-	15.0	11	-5.0	18	-	-	-	-	35	5	-	-	0	0	0	0	0	5	12	20	1	-	-	-		
	Durham †	9 9	102	8.6	-	-	-	14.4	11	-3.3	18,27	6.2	9.2	81	78	36	5	14	9	-	0	0	0	0	0	9	19	-	2.38	125	-	-	
Yorks., N. Riding	Hartlepool ...	9 9	9	8.8	2.4	5.6	-	14.4	11	-1.7	27	-	-	93	148	32	5	13	11	0	0	0	0	0	4	5	-	1	1.90	-	-		
	Thirsk ...	9 9	34	7.7	0.4	4.1	-	13.3	11	-4.4	17,19,27	-	-	79	-	24	5	15	10	0	0	0	0	0	9	12	15	0	-	-	-		
Yorks., E. Riding	Leeming ...	21-9	32	7.9	1.9	4.9	-	14.8	11	-6.0	19	-	-	54	-	17	4	14	10	0	0	0	0	0	8	8	16	0	2.07	-	-		
	York (Heslington)	9 9	20	8.1	1.3	4.7	-	13.9	11	-4.4	19	5.4	8.3	45	-	17	4	16	9	-	0	0	0	0	11	9	14	-	1.81	-	-		
	Ampleforth ...	9 9	95	7.7	(1.2)	(4.5)	(-1.6)	12.2	11,13	-2.8	4,18	-	-	73	96	23	5	15	11	1	0	0	0	0	8	8	16	0	-	-	S		
	Redcar ...	9 9	8	-	2.6	-	-	13.9	11,13	-0.6	17,21,27	-	-	100	156	33	4	17	10	-	0	0	0	0	0	0	5	-	-	2.22	-	-	
	Pickering ...	9 9	44	7.9	-0.1	3.9	-	13.0	11	-5.9	27	-	-	66	-	21	5	18	8	1	1	0	0	0	6	16	21	0	-	-	-		
	Whitby ...	9 9	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	6	16	21	0	-	-	-		
	Scarborough †	9 9	36	8.5	3.1	5.8	-1.6	13.3	11	-1.1	27	7.8	9.8	80	123	28	5	10	8	0	0	0	0	0	1	1	5	0	1.99	118	-		
	Silpho Moor ...	9 9	203	7.5	1.1	4.3	-	12.2	30	-2.8	18	5.4	-	141	164	45	5	18	9	1	0	0	0	0	0	7	9	23	0	2.40	-	-	
	Whitby C'Guard	21-9	63	8.2	-	-	-	13.5	11	-	-	-	-	75	-	21	5	11	10	0	0	0	0	0	0	0	0	0	5	-	-	-	
	High Mowthorpe	9 9	175	7.1	1.9	4.5	-	12.8	11	-1.7	17,27	6.2	-	76	106	20	4	19	10	-	0	0	0	0	0	6	5	16	-	2.10	-	-	
Lincoln	Hull ... †	9 9	2	(8.4)	2.6	(5.5)	(-1.6)	15.0	11	-2.2	17,19,27	6.7	10.8	47	72	10	4	13	9	0	0	0	0	0	4	7	13	0	1.68	108	-		
	Leconfield ...	21-9	7	8.2	2.7	5.5	-	15.0	11	-3.6	27	-	-	50	-	14	4	12	8	0	0	0	0	0	2	6	14	0	2.08	-	-		
	Filey ...	9 9	37	8.0	1.5	4.7	-	13.9	11	-3.3	27	-	-	81	111	27	5	13	10	0	0	0	0	0	1	8	11	0	-	-	-		
	Bridlington ...	9 9	48	8.0	1.7	4.9	-	13.3	11	-3.3	27	-	-	91	123	27	5	14	13	0	0	0	0	0	3	5	14	1	2.05	-	-		
	Kilnsea ...	21-9	12	8.2	3.7	5.9	-	14.0	11	-0.5	26,27	-	-	38	-	10	4	13	7	0	0	0	0	0	2	2	-	3	1.95	-	-		
	Waddington ...	21-9	68	7.7	2.5	5.1	-1.3	15.0	11	-3.1	19	-	-	70	-	19	4	12	8	0	0	0	0	0	4	7	8	0	2.10	-	-		
	Lincoln ...	9 9	7	8.1	0.6	4.3	-	15.6	11	-7.2	17	7.2	9.4	78	120	19	4	18	9	0	0	0	0	0	5	12	20	0	1.73	-	-		
	Cranwell †	9 9	62	8.1	1.9	5.0	-1.4	15.0	11	-3.6	19	5.9	9.0	51	86	12	5	13	9	0	0	0	0	0	2	8	12	0	2.25	112	-		
	Brigg ...	9 9	3	8.2	1.4	4.8	-	16.1	11	-4.4	17	-	-	62	-	15	4	17	10	0	0	0	0	0	9	6	14	0	-	-	-		
	Caistor ...	9 9	30	(8.2)	(0.8)	(4.5)	-	15.6	11	-5.6	17	-	-	51	-	14	4	16	10	-	0	0	0	0	0	-	10	-	-	-	-	-	
Cambridge	Binbrook ...	21-9	108	7.3	2.4	4.9	-	14.6	11	-3.0	27	-	-	64	-	16	5	18	9	1	0	0	0	0	5	5	16	0	-	-	-		
	Cleethorpes ...	9 9	7	8.6	2.8	5.7	-1.3	16.1	11	-2.2	27	-	-	44	72	11	5	10	10	-	0	0	0	0	2	4	17	-	1.87	99	-		
	Manby ...	21-9	17	8.3	2.4	5.3	-	15.3	11	-3.8	27	6.9	-	41	69	11	4	13	9	0	0	0	0	0	3	6	19	0	2.19	-	-		
	Skegness ...	9 9	5	8.6	2.3	5.5	-1.4	15.0	11	-2.8	27	-	-	-	-	-	-	-	0	0	0	0	0	0	7	5	14	0	2.18	107	-		
	3 ENGLAND, E.	Norfolk	Terrington St. Cl.	9 9	4	8.4	2.2	5.3	-	14.4	11	-2.2	18	6.8	-	51	98	14	5	15	11	0	0	0	0	0	5	9	14	0	1.95	-	-
			Santon Downham	9 9	24	8.9	0.3	4.6	-	14.4	11	-7.2	17,18	7.2	9.2	66	100	20	5	18	11	-	0	0	0	0	0	14	19	-	1.94	-	-
			West Raynham ...	21-9	76	8.3	2.2	5.3	-1.2	14.6	11	-3.3	27	-	-	88	119	26	5	15	12	1	0	0	0	0	4	8	13	0	2.22	-	-
			East Dereham ...	9 9	53	9.0	2.2	5.6	-	14.9	11	-4.0	18	-	-	62	-	16	5	16	12	0	0	0	0	0	5	9	14	1	-	-	-
			Cromer ...	9 9	54	8.6	3.3	5.9	-1.4	13.9	11	-2.8	27	-	-	67	89	15	5	15	12	-	0	0	0	0	0	2	13	-	-	-	-
		Suffolk	Sproston †	9 9	28	9.0	2.1	5.5	-1.4	14.4	11	-3.9	18	7.4	-	58	85	15	5	14	10	0	0	0	0	0	0	6	15	0	2.03	111	-
Coltishall ...			21-9	17	9.0	2.3	5.7	-	14.8	11	-3.4	18	-	-	63	-	15	4	14	11	1	0	0	0	0	3	10	15	0	-	-	-	
Burlingham ...			9 9	27	9.1	2.6	5.9	-	14.4	11	-2.2	27	-	-	60	86	15	4	14	11	0	0	0	0	0	1	6	15	0	2.52	-	-	
Gorleston †			21-9	4	8.6	3.6	6.1	-1.6	14.6	11	-3.6	27	7.7	10.4	57	81	22	4	12	10	0	0	0	0	0	2	1						



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS							MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM					Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date																					
				4 MIDLAND COUNTIES																												
Yorks.	Slaidburn ...	99	192	7.2	0.8	4.0	-	11.7	11	-3.9	17	-	-	153	95	23	1	24	19	0	0	0	0	0	6	13	20	0	1.77	-	-	
	W. Riding	Malham Tarn ...	99	395	-	-	-	-	-	-	-3.3	26,27	5.4	-	104	65	13	17	22	19	2	1	0	0	0	7	10	26	0	1.77	-	-
Derby	Huddersfield §	99	99	7.9	1.4	4.7	-	13.3	11	-3.9	17,19	6.0	9.2	90	108	28	4	18	11	-	0	-	-	-	10	10	18	-	1.56	125	-	
	" Oakes	21-9	235	6.7	1.9	4.3	-	12.2	11	-2.0	19	5.3	8.0	91	92	23	4	22	15	0	0	1	0	0	5	10	20	0	1.55	98	-	
	Bradford ¶	99	134	7.6	1.9	4.7	-1.5	13.3	11	-2.8	17	6.5	9.6	75	84	19	4	18	8	0	0	0	0	0	5	11	13	0	-	8	-	
	Ilkley ...	99	96	7.9	1.5	4.7	-1.4	12.8	11	-4.4	19	-	-	71	73	26	4	15	13	0	0	0	0	0	6	10	17	0	1.64	101	8	
	Sheffield ...	99	131	8.3	2.3	5.3	-1.6	15.6	11	-3.3	19	-	9.8	71	87	21	5	12	7	0	0	0	0	0	6	17	0	1.68	119	-		
	Pontefract ...	99	78	8.0	1.9	4.9	-1.6	13.9	10,11	-3.9	19	-	-	70	119	22	4	14	7	0	0	0	0	0	6	6	8	0	-	-	-	
	Bramham ...	99	54	7.7	0.8	4.3	-	13.9	11	-4.4	19	-	-	49	84	14	4	14	10	0	0	0	0	0	12	17	0	1.84	-	-		
	Cawood ...	99	6	8.2	1.4	4.8	-	13.9	11	-3.9	17,19	5.9	8.9	54	90	22	4	13	10	0	0	0	0	0	4	10	19	0	2.12	-	-	
	Askham Bryan ...	99	34	7.9	(1.3)	(4.6)	-	13.9	11	-3.9	19	-	-	(54)	86	24	4	19	8	0	0	0	0	0	12	7	15	0	1.93	122	-	
	Buxton ... €	99	307	6.3	0.8	3.5	-1.8	12.2	11	-5.0	18,19	4.6	7.6	99	79	22	4	21	17	0	0	0	0	0	7	13	16	0	-	-	-	
	Morley* ...	99	48	8.6	2.3	5.5	-	15.6	11	-5.6	19	-	-	38	51	21	4	15	7	0	0	0	0	0	3	7	12	0	1.59	-	-	
Nottingham	Chesterfield ...	99	91	-	-	-	-	-	-	-	-	-	-	47	64	21	5	13	10	0	0	0	0	0	8	13	0	1.57	-	-	-	
	Sutton Bonington	99	48	8.5	1.8	5.1	-1.3	15.6	11	-6.1	18	7.3	9.8	41	73	19	4	16	8	0	0	0	0	0	2	9	15	0	1.62	98	-	
	Waltham ...	21-9	118	7.9	2.2	5.1	-1.4	14.4	11	-3.9	19	-	-	53	78	22	4	14	7	2	0	0	0	0	5	8	14	0	1.51	89	-	
	Nottingham T.C.*	99	48	9.0	2.6	5.8	-	15.3	11	-4.8	18	-	-	37	-	14	4	11	7	-	-	-	-	-	6	10	-	1.75	-	-	-	
	Mansfield ...	99	110	(7.2)	2.3	(4.7)	(-1.6)	13.9	11	-3.9	19	5.4	-	69	96	22	4	13	7	0	0	0	0	0	11	5	-	-	-	-	-	
	Nottingham ¶	99	59	8.6	2.7	5.7	-1.2	15.6	11	-3.3	18	6.0	9.1	42	72	16	4	14	7	0	0	0	0	0	4	6	10	0	1.73	117	-	
	Warsop ...	99	46	8.2	0.8	4.5	-	15.0	11	-6.7	19	-	-	69	113	22	4	14	6	-	0	-	-	-	6	9	19	-	1.63	-	-	
	Finningley ...	21-9	10	8.3	2.4	5.3	-1.4	16.0	11	-4.0	18	-	-	88	-	23	13	7	0	0	0	0	0	0	6	7	11	0	1.84	-	-	
	Newtown Linford	99	119	7.8	1.3	4.5	-	15.0	11	-5.6	18	-	-	57	85	28	4	16	10	0	0	0	0	0	4	9	13	0	1.84	-	-	
	Caldecott ...	99	53	9.1	0.9	5.0	-	16.7	11	-8.3	18	-	-	41	71	10	5	15	11	-	0	-	-	-	2	10	15	-	1.63	-	-	
Northampton	Bugbrooke Mills	99	69	8.8	-0.1	4.3	-	15.6	11	-7.2	17,18	7.1	10.0	25	42	7	4	11	6	-	0	-	-	-	5	10	-	-	1.86	-	-	
	Raunds ... ¶	99	59	8.2	1.6	4.9	-1.4	16.1	11	-5.0	17	6.9	10.7	39	67	13	2	16	8	0	0	0	0	0	4	8	13	0	1.69	-	-	
Warwick	Birmingham K.E.S.**	99	137	7.9	2.2	5.1	-	11.7	10,13,28	-3.9	18	-	-	52	67	16	5	14	9	0	0	0	0	0	8	6	-	-	-	-	-	
	Edgbaston ...	21-9	163	7.8	3.3	5.5	-1.2	14.7	11	-1.5	18	7.3	9.8	44	55	16	4	17	8	2	0	0	0	0	5	2	9	0	1.92	121	-	
Oxford	Luddington ...	99	42	8.6	1.9	5.3	-	15.0	11	-5.0	18	-	-	45	79	27	4	13	8	0	0	0	0	0	3	8	16	0	1.97	-	-	
	Stratford on Avon	99	49	8.8	1.3	5.1	-	15.6	11	-6.1	18	6.8	-	45	83	25	4	13	9	0	0	0	0	0	2	10	20	0	2.01	-	-	
	Elmdon ...	21-9	97	8.1	2.5	5.3	-1.3	15.6	11	-6.3	18	-	-	41	60	20	4	12	8	1	0	0	0	0	4	7	11	0	1.71	-	-	
	Shipston on Stour	99	111	8.2	2.3	5.3	-	15.0	11	-3.3	17,18	7.4	-	53	78	24	4	15	7	0	0	0	0	0	5	7	16	0	2.30	-	-	
	Wellesbourne ...	99	47	(8.3)	(2.2)	(5.3)	-	15.0	11	-5.0	18	-	-	34	55	15	4	12	7	-	-	-	-	-	6	-	-	-	-	-	-	
	Coventry ...	99	107	(7.8)	(2.2)	(5.0)	-	13.3	10,11	-3.9	18	(6.4)	(9.4)	(34)	-	(10)	(4)	13	11	0	-	0	0	0	0	10	7	-	-	-	-	5
	Moreton Morrell	99	85	8.1	2.2	5.1	-	15.0	11	-5.0	18	-	-	33	53	13	4	12	6	0	0	0	0	0	5	6	15	0	2.04	-	8	
	Rugby ...	99	117	8.6	(2.2)	(5.4)	-0.8	15.0	14	-3.3	18	6.0	9.6	33	51	12	4	14	8	0	0	0	0	0	2	6	12	0	-	-	-	
	Oxford ¶	99	63	8.9	3.0	5.9	-1.1	15.0	11	-3.3	17	6.8	9.7	29	44	6	2	15	6	0	0	0	0	0	4	5	11	0	2.31	113	-	
	Buckingham	Medmenham	99	30	10.1	0.8	5.5	-	16.1	11	-5.6	17,18	-	-	47	-	16	1	13	10	-	-	-	-	-	13	-	-	-	-	-	-
Grendon Underwood		99	67	8.8	0.8	4.9	-	15.0	11	-7.2	17	7.4	10.6	33	-	7	2	14	8	0	0	0	0	0	11	19	0	2.18	-	-		
Stafford	Aylesbury ...	99	96	8.6	1.9	5.3	-	15.0	11	-5.0	17,18	-	-	40	58	9	1	13	8	0	0	0	0	0	5	8	13	0	2.08	-	-	
	Bletchley ...	99	86	9.1	1.8	5.5	-	15.0	11	-4.4	17	-	-	34	-	8	4	14	7	0	0	0	0	0	2	8	-	-	-	-	-	
	Keble ...	99	179	7.3	1.8	4.5	-	12.8	11	-2.2	19	6.1	9.3	65	82	14	4	18	13	0	0	0	0	0	6	5	15	0	1.81	-	-	
	Oaken ...	99	125	(8.0)	(1.1)	(4.5)	-	14.4	11	-6.1	17	6.7	-	36	-	14	4	17	7	-	-	-	-	-	7	20	-	-	-	-	-	
	Stone ...	99	107	7.8	1.0	4.4	-	13.9	11	-5.6	18	-	-	53	72	14	4	15	9	0	-	0	0	0	7	8	15	0	1.73	-	-	
	Penkridge ...	99	101	8.0	1.6	4.8	-	15.0	11	-6.7	18	-	-	41	61	16	4	16	9	-	0	-	-	-	3	6	13	-	-	-	-	
	Onecote ...	99	411	5.8	0.3	3.1	-	10.6	11	-2.8	17,24	5.2	8.3	88	79	18	4	25	18	3	1	0	0	0	12	13	21	1	2.08	-	-	
	Oswestry ...	99	174	7.9	1.8	4.9	-	13.9	11	-4.4	24	-	-	54	57	17	5	19	13	0	0	0	0	0	6	7	16	0	2.52	-	-	
	Church Stretton	-	177	-	-	-	-	-	-	-	-	-	-	73	78	29	5	17	12	-	-	-	-	-	-	-	-	-	2.33	-	-	
	Shrewsbury ...	99	55	8.5	1.5	5.0	-1.8	14.4	11	-6.7	18	6.7	9.6	38	60	14	5	18	11	0	0	0	0	0	3	10	8	0	2.02	120	-	
Worcester	Shawbury ...	21-9	72	7.9	2.3	5.1	-1.5	15.5	11	-7.6	18	-	-																			



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days														BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1931-60 average	Most in a day (mm.)	Date	Precip'n				Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				A Max.	B Min.			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more					Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				30 cm.	122 cm.			30 cm.	122 cm.	30 cm.	122 cm.	0.2 mm. or more	1.0 mm. or more					Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE							
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1911-50 average	Most in a day Amount (mm.)	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure				
				A Max.	B Min.	Mean of A & B	Difference from 1911-60 average	Maximum	Date	Minimum	Date																							
7a ENGLAND, N.W.—cont.																																		
Lancashire —cont.	Grizedale ...	99	91	8.1	-0.3	3.9	-	11.7	11,12,23	-7.2	24	-	-	159	-	31	10	20	18	1	1	0	0	0	4	18	24	0	-	-	-			
	Speke ...	21-9	22	8.4	3.3	5.9	-	14.5	11	-3.9	19	-	-	70	93	13	5	20	17	0	0	1	3	0	3	4	10	0	2.07	-	-	-		
	Kirkham ...	99	24	8.2	2.1	5.1	-	12.8	11	-2.8	18	-	-	89	95	10	10	21	20	0	0	0	0	2	0	7	10	17	0	1.58	-	-		
	Garstang ...	99	21	7.9	1.4	4.7	-	12.8	11	-3.9	24	-	-	114	121	17	10	22	22	-	0	-	-	-	5	12	16	-	1.53	-	-			
	Morecambe ...	99	7	7.3	2.6	4.9	-2.2	11.7	11	-2.9	19	-	-	90	92	26	10	22	18	0	0	0	0	0	5	9	-	0	1.63	92	-	-		
	Penketh ...	99	15	8.2	1.7	4.9	-	12.2	10,13	-6.1	19	7.1	9.4	64	-	8	15	19	17	0	0	0	0	0	6	7	9	0	1.79	-	-	-		
	Preston ...	99	33	7.9	2.3	5.1	-	13.3	11	-3.3	18	-	-	91	92	12	4	22	19	0	0	1	0	0	12	9	16	0	-	-	-			
	Stonyhurst §§	99	115	-	1.6	-	-	-	-	-	-3.3	26	-	-	114	95	16	27	20	16	-	0	-	-	-	7	10	11	-	(1.30)	81	-	-	
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helmshore ...	99	260	6.8	1.3	4.1	-	14.4	11	-3.9	27	5.7	-	155	96	35	4	22	20	-	0	-	-	-	3	10	17	-	1.73	-	-	-	-	
	Burnley ...	99	200	7.4	1.3	4.3	-	12.2	11	-3.9	17	6.1	8.7	103	-	20	4	23	21	1	0	1	0	0	10	11	18	0	2.02	-	-	-	-	
	Nelson ... €	99	165	6.8	1.1	3.9	-	12.2	11	3.6	17	5.4	9.0	107	91	23	4	21	17	-	0	-	-	-	10	12	17	-	1.63	-	-	-	-	
	Rochdale ...	99	110	7.4	0.9	4.1	-	12.8	11	-3.9	18,19	-	-	103	86	20	4	22	18	0	0	0	0	0	9	12	20	0	-	-	-	-	S	
	Cheshire	West Kirby Park	99	8	8.9	3.0	5.9	-	14.4	11	-1.7	4	-	70	-	11	2	20	15	-	0	-	-	-	-	5	12	-	-	1.90	-	-	-	-
		Bidston §§	99	60	8.1	3.7	5.9	-1.3	13.9	11	0.0	24	-	71	100	13	5	20	16	-	-	-	-	-	5	1	5	-	1.98	110	-	-	-	
Ness Gardens ...		99	55	8.4	1.8	5.1	-	14.4	11	-3.3	17	-	73	-	23	5	20	16	-	-	-	-	-	6	23	-	-	-	-	-	-	-		
Winnington ...		99	20	8.8	2.6	5.7	-	15.6	17	-3.3	18,19	-	54	73	8	28	19	15	0	0	1	0	0	5	5	9	0	-	-	-	-	-		
Knutsford ...		99	65	8.2	1.7	4.9	-	14.3	11	-4.6	19	6.1	9.6	66	81	13	4	20	19	-	0	-	-	-	9	19	-	-	-	-	-	-	-	
Ringway §§		21-9	76	7.7	2.4	5.1	-1.6	14.4	11	-5.2	19	-	55	71	13	4	19	15	0	0	1	0	0	6	8	13	0	1.88	131	-	-	-		
Macclesfield ...		99	152	7.5	1.3	4.4	-1.7	13.3	11	-3.3	19	-	79	91	21	4	19	14	0	0	1	0	0	8	8	-	0	-	-	-	-	-		
7b NORTH WALES																																		
Flint	Rhyl ...	99	9	9.7	3.3	6.5	-1.4	15.0	11	-2.2	18,19	-	-	61	94	14	25	20	18	0	0	1	2	1	2	6	5	1	2.07	114	-	-	-	
	Prestatyn ...	99	4	9.6	3.1	6.3	-	15.0	10	4.4	24	-	-	66	94	12	2	20	18	0	0	1	0	0	1	6	-	0	2.15	126	-	-	-	
	Hawarden Bridge €	99	5	9.1	2.4	5.7	-1.6	15.0	11	-3.9	18,19	-	-	73	104	21	5	19	15	1	0	0	0	0	3	6	-	0	-	-	-	-	-	
Anglesey	Valley ... §§	21-9	10	10.0	5.0	7.5	-1.2	12.9	11	-1.2	19	-	-	80	88	11	6	18	14	0	0	3	0	2	1	1	9	1	2.61	134	-	-	-	
	Denbigh	99	36	9.9	4.1	7.0	-1.3	15.6	11	-1.1	19	7.7	-	81	109	13	2	17	16	0	0	1	3	0	0	3	-	0	2.07	121	-	-	-	
	Alwen ...	99	335	7.6	-0.5	3.5	-	11.1	22	-7.2	18,19	-	-	133	102	20	2	22	18	-	-	-	-	-	17	23	-	-	-	-	-	-	-	
	Ruthin ...	99	76	9.1	1.8	5.5	-	13.9	11	-4.4	18	-	76	-	15	2	20	14	-	1	-	-	-	1	9	-	-	-	2.71	-	-	-	-	
	Loggerheads ...	99	210	8.0	1.2	4.6	-	12.2	11	-5.0	18	5.6	8.3	101	-	23	2	19	16	2	1	0	0	0	3	10	18	0	-	-	-	-	-	
	Bwlchgwyn ...	99	386	7.4	1.4	4.4	-	11.1	23	-2.2	19	5.6	-	120	104	20	2	20	18	2	2	0	0	0	0	9	18	0	-	-	-	-	-	
	Wrexham €	99	84	8.9	2.2	5.5	-	14.7	10,11	-1.4	25	6.7	9.2	82	100	27	5	18	13	0	0	0	0	0	3	4	-	0	-	-	-	-	-	
	Caernarvon	21-9	18	10.0	7.2	8.6	-	12.3	11	3.8	18	-	-	81	-	20	1	19	15	-	0	-	-	-	0	0	4	-	-	-	-	-	-	
	Botwnnog ...	99	34	10.1	3.8	6.9	-	12.8	10,11,22	-1.7	18,19	7.7	10.6	110	-	15	1	19	15	0	0	2	1	0	0	3	12	1	2.66	-	-	-	-	
	Bryn Adda ...	99	84	9.6	3.8	6.7	-	14.4	22	0.0	18	-	-	104	82	14	2	21	20	3	0	1	1	0	0	1	0	16	0	2.40	-	-	-	-
	Aber ...	99	18	10.6	4.2	7.4	-1.1	13.9	10,11	0.1	4,18,23	-	-	86	77	12	2	20	14	0	0	3	0	0	1	0	15	0	1.53	121	S	-	-	
	Llandudno ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Merioneth	99	186	(8.9)	(3.1)	(6.0)	-	12.2	11	-0.6	18,26	-	-	121	-	15	2	19	16	-	0	-	-	-	-	3	15	-	-	-	-	-	-	
	Blaenau Ffestiniog	99	229	(9.2)	(2.7)	(5.9)	-	12.2	20,21,22	0.0	19,21,23	-	-	201	76	30	2	22	20	-	1	-	-	-	3	0	-	-	-	-	-	-	S	
	Corwen ...	99	144	8.3	-	-	-	12.2	10,11	-	-	-	-	95	83	15	28	20	16	1	0	0	0	-	17	23	0	-	-	-	-	W	-	
	Montgomery	99	61	8.6	0.9	4.7	-	13.3	11	-5.6	24	-	-	152	-	22	27	21	19	-	-	-	-	-	1	15	22	-	-	-	-	-	-	
	Lake Vyrnwy ...	99	303	6.9	0.7	3.8	-	11.7	10,30	-5.0	19	5.8	-	101	57	23	1	22	16	1	1	0	0	0	3	15	21	0	-	-	-	-	-	
8a SOUTH WALES																																		
Cardigan	Aberporth ...	21-9	133	8.8	4.4	6.6	-1.5	12.1	11	-0.5	24	-	-	65	55	11	5	19	15	0	0	2	0	1	3	1	11	4	2.57	-	-	-	-	
	Aberystwyth	99	138	9.1	3.2	6.1	-1.5	12.8	22	-1.1	17	-	-	82	77	15	2	18	15	0	0	0	0	0	2	3	15	0	2.79	146	S	-	-	
	Frongoch ...	99	31	9.9	2.1	6.0	-	13.3	22	-3.9	18,24	-	-	84	82	21	2	19	15	0	0	1	0	0	1	13	17	0	2.76	-	-	-	-	
	Gogerddan ...	99	165	8.9	-	-	-	12.2	11	-	-	-	-	124	90	30	2	21	18	-	1	-	-	-	2	-	21	-	3.01	-	-	-	-	
	Swyddfynnon ...	99	61	9.6	1.7	5.7	-	13.3	11	-6.7	17	8.5	-	97	76	20	2	19	16	0	0	0	0	0	0	12	20	0	2.67	-	-	S	-	
	Trawscoed ...	99	290	8.3	2.6	5.5	-	11.7	22	-2.2	24	-	-	133	91	23	2	20	19	0	0	3	0	0	3	7	18	0	2.80	170				



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
				A Max.	B Min.			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				30 cm.	122 cm.			Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER.

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																						
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.								
																										8 or more	6-7	4-5	1-3	Calm																
Number of Observations																																														
0 SCOTLAND, N.																																														
Zetland Lerwick	83m.	3	1005.9	-	6.0	0.7	8.5	90	6.2	0	5	3	6	15	1	0	0	0	1	0	0	3	3	7	9	7	0	9	10	11	0	4	2	1	0	5	6	9	3							
		9	1006.4	-1.0	6.0	0.7	8.4	89	6.3	0	1	4	12	12	1	0	0	1	0	0	3	1	7	13	5	1	7	11	9	2	4	1	1	0	4	6	7	5								
		15	1006.2	-	6.5	0.8	8.6	88	6.3	0	3	4	12	10	1	0	0	1	0	0	3	11	9	5	1	9	12	8	0	4	3	0	1	5	3	12	2									
		21	1006.5	-	6.0	0.7	8.4	88	6.0	0	6	2	9	12	1	0	0	1	0	0	1	7	6	11	4	0	8	14	8	0	4	2	0	0	6	7	9	2								
		9	1007.4	-	6.0	0.8	8.3	88	6.0	0	5	4	11	10	0	0	0	0	0	0	0	2	7	18	3	1	2	16	11	0	1	2	1	0	0	8	3	11	1							
Orkney Kirkwall	26m.	3	1008.0	+0.4	6.5	0.8	8.6	87	6.5	0	2	3	15	10	0	0	0	0	0	0	1	4	4	18	3	1	6	15	7	1	3	3	2	1	4	5	7	4	4							
		9	1007.8	-	7.1	1.0	8.7	85	6.3	0	3	4	13	10	0	0	0	0	0	0	2	4	18	6	1	9	11	7	2	5	0	2	0	6	1	13	1	1								
		15	1008.1	-	6.2	0.8	8.4	87	5.9	0	4	6	11	9	0	0	0	0	0	1	0	6	17	5	2	4	14	10	0	2	1	1	0	7	3	11	5	3								
		21	1007.7	-	5.0	0.6	8.0	91	5.0	1	8	3	11	7	0	0	0	1	1	0	0	1	5	18	4	0	1	16	12	1	2	1	1	1	7	2	12	3	3							
		3	1008.4	+0.3	5.3	0.6	8.2	90	6.2	0	3	5	14	7	1	0	0	1	0	0	1	3	18	7	0	5	9	15	1	2	1	1	1	7	4	9	4	3								
Calthness Wick	37m.	9	1008.2	-	6.9	1.0	8.5	85	5.8	0	4	6	13	6	1	0	0	1	0	0	2	5	8	14	0	4	11	15	0	3	1	1	1	0	9	5	8	3	3							
		15	1008.6	-	5.5	0.7	8.2	89	5.2	0	9	4	9	7	1	0	0	0	1	0	0	2	7	11	9	1	2	13	14	0	3	2	0	10	5	9	1	1								
		21	1006.7	-	6.7	0.7	8.9	89	6.0	0	0	12	6	12	0	0	0	0	0	0	0	2	1	6	21	2	9	12	5	2	2	2	1	2	10	6	3	3								
		9	1007.7	-	7.0	0.8	8.9	89	6.9	0	0	4	13	13	0	0	0	0	0	0	1	2	3	9	15	5	7	10	8	0	6	3	1	1	11	4	3	3								
		15	1007.4	-	7.2	0.7	9.3	90	7.0	0	0	5	7	18	0	0	0	0	0	1	0	2	1	9	17	5	7	11	6	1	2	3	1	0	11	8	3	3								
Sutherland Cape Wrath*	113m.	21	1007.6	-	6.9	0.7	8.9	89	6.3	0	1	8	10	11	0	0	0	0	0	0	1	0	10	19	2	11	10	6	1	3	2	1	0	2	11	6	4	2	2							
		3	1008.7	-	5.9	0.4	8.9	94	5.1	2	7	4	10	7	0	0	0	0	0	0	5	8	17	0	1	4	10	14	1	3	2	1	1	4	8	5	5	5								
		9	1009.6	+1.9	6.4	0.6	9.0	92	6.1	0	2	6	16	6	0	0	0	0	0	0	1	3	7	16	3	0	4	13	12	1	4	1	1	0	4	9	8	2	2							
		15	1009.3	-	7.3	0.7	9.3	90	6.1	0	3	6	15	6	0	0	0	0	0	2	3	9	10	6	0	7	12	10	1	4	0	1	0	5	9	7	3	3								
		21	1010.0	-	6.2	0.4	9.1	94	5.7	0	7	3	8	12	0	0	0	0	0	0	5	8	15	2	1	4	11	13	1	5	1	0	0	9	6	6	2	2								
Ross & Cromarty Stornoway	5m.	3	1009.1	-	7.0	0.9	8.8	86	6.3	0	4	3	11	12	0	0	0	0	0	2	13	11	2	2	5	17	5	1	7	1	0	2	5	7	5	2	2	2								
		9	1010.0	-	6.2	0.4	9.1	94	5.7	0	7	3	8	12	0	0	0	0	0	0	5	8	15	2	1	4	11	13	1	5	1	0	0	9	6	6	2	2								
		15	1009.3	-	7.0	0.9	8.8	86	6.3	0	4	3	11	12	0	0	0	0	0	2	13	11	2	2	5	17	5	1	7	1	0	2	5	7	5	2	2									
		21	1010.0	-	6.2	0.4	9.1	94	5.7	0	7	3	8	12	0	0	0	0	0	0	5	8	15	2	1	4	11	13	1	5	1	0	0	9	6	6	2	2								
		3	1009.1	+2.2	7.1	1.1	8.6	84	6.1	0	3	6	13	8	0	0	0	0	0	1	5	8	11	0	5	16	7	2	6	1	1	1	0	6	5	6	3	3								
Inverness Benbecula	6m.	9	1009.7	-	7.6	1.2	8.7	82	6.8	0	5	15	9	1	0	0	0	1	1	1	3	8	4	12	0	10	12	8	0	5	0	1	1	9	6	5	3	3								
		15	1010.3	-	7.0	0.8	8.8	87	6.2	0	3	7	7	13	0	0	0	0	0	3	3	6	13	5	1	5	18	4	2	6	1	0	2	5	7	3	4	4								
		3	1009.1	-	4.9	0.9	7.6	87	5.6	2	3	6	11	8	0	0	0	0	1	0	1	5	8	14	0	1	15	14	0	1	1	2	0	4	16	3	3	3								
		9	1009.7	+0.9	5.3	0.9	7.8	87	5.4	0	6	5	16	3	0	0	1	0	0	0	1	2	9	17	0	2	14	14	0	0	1	1	0	6	12	7	3	3								
		15	1009.5	-	7.2	1.4	8.2	81	5.0	0	8	4	14	3	1	0	1	0	0	0	2	2	8	17	0	4	12	12	2	2	1	1	0	4	12	7	1	1								
Aberdeen Dyce	59m.	21	1010.2	-	5.5	1.0	7.8	85	5.4	0	5	9	7	8	1	0	0	0	1	0	0	2	5	11	11	0	4	11	15	0	2	1	1	0	9	10	6	1	1							
		3	1008.8	-	3.9	0.9	7.0	85	4.6	5	5	5	8	7	0	0	0	1	0	1	0	5	10	4	9	0	0	11	13	6	1	1	1	0	4	5	5	7	7							
		9	1009.3	-0.2	4.3	1.0	7.1	85	5.1	0	8	3	14	5	0	0	0	0	0	1	6	5	6	4	8	0	0	9	17	4	1	0	1	0	6	5	6	7								
		15	1009.0	-	6.8	1.4	7.9	79	4.7	0	9	5	13	3	0	0	0	0	0	0	4	5	6	7	8	0	1	13	13	3	3	0	1	1	6	4	9	3	3							
		21	1010.0	-	4.6	1.0	7.3	84	5.1	4	6	0	11	9	0	0	0	0	0	1	7	2	7	10	3	0	2	6	16	6	1	0	1	0	3	4	10	5	5							
Angus Usan	35m.	3	1008.7	-	4.8	0.5	8.0	91	5.1	4	4	6	2	12	2	0	0	2	1	1	0	3	4	4	15	0	1	10	17	2	5	1	0	0	1	9	7	5	5							
		9	1009.3	-	4.6	0.6	7.8	90	5.2	0	8	5	7	9	1	0	1	0	0	2	0	4	3	4	16	0	1	10	13	6	5	0	0	0	7	7	5	5								
		15	1009.2	-	7.3	1.1	8.7	84	5.0	0	9	4	11	5	1	0	1	1	0	0	3	5	5	14	0	2	8	15	5	4	1	1	0	0	8	9	2	2								
		21	1009.6	-	5.4	0.7	8.1	89	4.2	4	10	2	1	12	1	0	0	1	0	2	5	1	6	15	0	2	10	15	3	4	1	1	0	1	4	9	7	2								
		3	1009.4	-	4.6	0.6	7.7	90	6.2	2	3	2	8	12	3	0	1	1	3	0	0	8	7	12	3	0	3	9	17	1	3	1	0	1	0	16	6	2	2							
Fife Leuchars	12m.	9	1010.2	+0.3	4.5	0.5	7.8	91	5.4	0	7	6	7	8	2	0	0	3	1	1	0	4	5	8	8	0	0	10	15	5	2	0	0	0	11	9	3	3								
		15	1010.0	-	7.3	1.3	8.4	82	5.9	0	6	8	9	7	0	0																														



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS · NOVEMBER, 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION														
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																										8 or more	6-7	4-5	1-3	Calm								
																										24 or more	25-33	11-21	1-10	0								
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington 46m.	3	1010.5	-	4.0	0.6	7.5	90	4.5	5	7	4	3	10	1	0	1	0	0	2	5	5	5	8	4	0	0	3	10	17	0	3	0	0	1	3	4	13	6
	9	1011.3	+0.6	4.5	0.6	7.8	91	5.6	0	4	8	10	7	1	0	2	0	0	1	4	4	8	6	4	0	0	2	6	22	0	4	2	0	0	1	3	12	6
	15	1011.0	-	7.2	1.3	8.3	81	5.3	0	5	8	13	4	0	0	0	0	0	3	2	4	6	6	7	0	0	2	11	17	0	4	5	0	1	3	9	5	
	21	1011.7	-	4.6	0.6	7.8	90	5.0	3	6	4	9	7	1	0	1	0	1	1	2	8	12	1	1	1	1	5	5	18	1	4	0	1	0	2	4	17	1
Tynemouth 40m.	3	1011.9	+0.7	5.2	0.7	8.0	89	5.8	1	5	4	11	8	1	0	1	0	0	3	14	3	9	0	0	1	0	13	16	0	2	0	0	1	5	7	13	2	
	9	1011.8	-	7.5	1.3	8.5	81	5.7	1	4	4	14	7	0	0	0	0	2	4	5	12	5	2	0	1	1	14	14	0	4	2	0	1	4	3	14	2	
	15	1012.3	-	5.9	0.8	8.3	88	4.8	6	2	7	4	10	1	0	3	0	1	3	5	9	9	0	0	2	2	12	13	1	3	2	1	1	0	4	4	16	1
	21	1013.0	-	5.3	1.1	7.5	83	4.4	2	11	2	5	9	1	0	1	0	0	1	1	8	11	8	0	0	0	1	8	18	3	3	1	1	0	4	5	11	3
Seahouses 12m.	3	1011.0	-	5.6	1.0	7.8	84	4.8	0	9	6	9	5	1	0	1	0	1	0	3	5	6	9	5	0	2	3	17	9	3	4	2	1	0	4	4	12	0
	9	1011.1	-	7.6	1.6	8.2	78	4.9	0	4	12	11	2	1	0	1	0	0	2	8	6	6	5	0	0	2	3	19	6	1	2	1	0	2	2	15	1	
	15	1011.6	-	5.7	1.2	7.6	82	4.4	3	9	3	7	7	1	0	1	0	0	0	2	9	12	5	1	1	1	5	21	2	2	1	1	2	0	8	13	1	
	21	1011.8	-	3.8	0.7	7.3	89	5.0	8	2	2	3	14	1	0	0	1	4	4	2	7	7	3	2	0	1	9	13	7	2	0	0	0	11	0	7	3	
Yorks, N. Riding Leeming 33m.	3	1012.5	-	4.2	0.7	7.4	88	5.0	1	3	4	12	10	0	0	1	0	7	1	3	4	4	3	7	0	2	12	11	5	2	0	0	5	9	1	4	4	
	9	1012.1	-	7.0	1.3	8.2	82	5.9	0	6	3	11	10	0	0	0	0	4	4	2	7	4	2	7	0	2	8	16	4	4	0	0	4	8	2	4		
	15	1013.0	-	4.4	0.7	7.5	89	5.2	6	4	1	5	8	6	0	5	2	3	2	2	4	4	5	3	0	1	6	17	6	3	0	0	1	8	4	5	3	
	21	1013.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Whitby Coastguard 66m.	3	1012.5	-	5.0	0.6	8.0	90	5.4	0	4	9	12	5	0	0	0	0	0	0	2	13	13	2	0	0	3	15	9	3	1	0	0	1	4	3	6	2	
	9	1012.2	-	7.5	1.2	8.6	82	4.9	1	7	8	6	8	0	0	0	0	0	0	1	11	15	3	0	0	5	11	11	3	1	1	1	1	9	5	5	4	
	15	1012.9	-	5.3	0.7	8.0	89	5.5	7	9	2	5	7	0	0	0	1	1	0	3	11	14	0	0	2	0	15	12	1	1	1	0	0	12	7	6	1	
	21	1012.1	-	4.5	0.6	7.8	91	5.5	4	2	6	13	1	0	0	1	1	4	2	5	9	6	2	0	0	1	7	18	4	2	0	0	0	5	6	9	4	
Yorks, E. Riding Leconfield 9m.	3	1013.0	+1.0	4.7	0.6	7.8	90	6.0	1	5	1	12	10	1	0	0	1	1	7	6	8	3	4	0	0	0	7	16	7	1	0	0	1	5	7	8	1	
	9	1012.5	-	7.3	1.2	8.5	82	5.7	0	6	3	13	7	1	0	0	1	0	5	4	12	5	2	1	0	1	7	18	4	1	3	1	1	3	7	7	3	
	15	1013.3	-	5.1	0.7	7.9	89	5.1	6	4	2	4	12	2	1	1	0	3	5	4	11	2	3	0	0	0	7	18	5	2	0	1	0	6	4	8	4	
	21	1013.0	-	5.4	0.6	8.3	92	4.9	5	2	8	5	10	0	0	1	0	1	1	1	8	18	0	0	0	4	14	10	2	1	0	0	6	5	10	6		
Kilnsea 16m.	3	1013.8	+1.7	5.3	0.5	8.2	91	6.4	9	1	4	3	13	0	0	0	0	0	1	3	9	17	0	0	1	2	13	10	4	2	1	0	0	4	7	11	1	
	9	1013.6	-	7.2	1.0	8.8	86	6.0	1	3	7	5	13	1	0	2	0	0	3	4	10	11	0	0	0	2	16	7	5	1	1	1	1	5	5	8	4	
	15	1014.1	-	6.1	0.7	8.5	90	4.7	9	1	4	3	13	0	0	0	0	0	1	3	9	17	0	0	1	2	14	12	1	1	1	2	0	5	7	9	4	
	21	1012.8	-	3.9	0.5	7.6	98	5.0	10	0	1	4	13	2	0	2	2	0	3	8	7	8	0	0	0	1	7	21	1	2	0	1	2	4	11	6	3	
Lincoln Waddington 69m.	3	1013.5	+0.7	4.6	0.6	7.8	90	6.1	2	4	2	5	17	0	0	3	0	1	3	7	9	5	2	0	0	0	8	21	1	3	0	2	1	5	11	6	1	
	9	1013.1	-	6.7	1.0	8.5	85	5.5	3	5	2	7	12	1	0	0	4	2	1	4	9	10	0	0	0	2	9	18	1	4	0	1	1	6	7	4		
	15	1014.0	-	4.8	0.6	7.9	91	4.7	9	1	4	4	11	1	0	3	1	0	3	6	9	6	2	0	0	0	7	21	2	3	1	0	0	7	9	4	4	
	21	1012.5	-	4.0	0.5	7.6	92	5.7	6	1	2	5	14	2	0	2	1	2	1	5	12	6	0	1	0	1	13	11	5	0	0	0	2	5	9	6	3	
Binbrook 109m.	3	1013.4	-	4.3	0.5	7.7	92	6.2	1	4	1	11	10	3	0	2	2	2	2	7	11	4	1	0	0	1	13	12	4	2	0	0	2	6	9	6	1	
	9	1012.9	-	6.3	0.9	8.3	86	5.7	0	7	2	9	11	1	0	2	0	4	1	3	10	9	1	0	0	1	12	14	3	2	1	0	1	6	8	6	3	
	15	1013.8	-	4.6	0.6	7.8	90	5.0	6	3	6	10	2	0	0	2	1	0	3	16	3	2	0	0	0	1	10	15	4	1	0	0	6	12	4	3		
	21	1012.6	-	4.1	0.3	7.9	95	5.1	7	2	4	3	13	1	1	0	0	1	3	6	14	4	1	0	0	1	9	18	2	0	0	0	1	6	9	7	5	
Manby 14m.	3	1013.4	+0.7	4.7	0.4	8.1	94	6.3	2	2	1	12	12	1	0	1	1	3	5	9	10	0	0	0	1	5	21	3	1	0	0	1	8	5	9	3		
	9	1013.1	-	7.3	1.0	8.8	86	5.7	1	6	4	7	12	0	0	0	0	2	3	1	12	11	1	0	0	1	5	22	0	3	1	0	2	5	7	8	4	
	15	1013.8	-	4.8	0.4	8.1	93	4.5	10	1	3	3	13	0	0	1	3	0	0	4	17	5	0	0	0	0	10	16	4	0	1	0	0	7	6	10	2	
	21	1013.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3 ENGLAND, E.																																						
Norfolk West Raynham 80m.	3	1013.0	-	4.0	0.4	7.8	94	5.2	4	6	2	3	13	2	0	3	1	0	5	7	11	2	1	0	0	1	8	18	3	1	1	2	0	8	8	7	0	
	9	1013.9	+1.0	4.8	0.4	8.2	94	6.4	1	3	2	11	13	0	0	0	1	3	4	4	12	5	2	0	0	1	6	20	3	2	1	2	2	8	7	4	1	
	15	1013.3	-	7.3	0.9	8.9	87	6.0	1	5	0	16	8	0	0	0	0	1	4	1	11	11	2	0	0	0	12	16	2	2	1	5	4	8	6	0		
	21	1014.2	-	4.8	0.4	8.2	94	5.0	5	6	2	3	13	1	0	1	2	4	2	6	10	5	0	0	0	0	7	22	1	1	2	1	3	8	7	5	2	
Coltishall 17m.	3	1012.9	-	4.4	0.5	7.8	91	5.7	4	2	5	4	14	1	0	1	1	3	4	5	11	4	1	0	0	0	7	14	9	1	0	0	1	5	4	8	2	
	9	1013.8	-	5.4	0.6	8.2	90	6.2	1	3	4	8	13	1	0	0	1	2	2	7	13	4	1	0	0	1	6	17	6	2	1	2	3	6	9	0		
	15	1013.4	-	8.2	1.4	8.9	82	6.1	2	3	2	13	10	0	0	0	0	0	2	5	7	10	6	0	0	0	7	20	3	0	1	3	1	7	4	8	3	
	21	1014.2	-	5.6	0.7	8.2	89	5.2	5	6	1	5	13	0	0	0	0	2																				



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

NOVEMBER,

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-3	3-5	5-7	8	9	0-39 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Finningley	14m.	8	1012.5	-	4.3	0.5	7.8	92	5.3	7	2	1	6	12	2	1	1	1	1	4	6	10	5	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 NOVEMBER, 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																				
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-199 m.	200-399 m.	400-999 m.	1000-1999 m.	2000-3999 m.	4-9 km.	10-19 km.	20-39 km.	40 km and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		
																										34 or more	22-33	4-7	4-5	1-3									Calm	
																										SPEED IN KNOTS														
																										34 or more	22-33	11-21	1-10	0										
Number of Observations																																								
7a ENGLAND, N.W.																																								
Cumberland Carlisle	28m.	3	1011.7	-	4.1	0.5	7.7	92	5.7	4	3	1	10	10	2	0	0	2	2	1	5	6	9	4	1	0	0	0	7	12	11	1	0	1	2	6	3	6	0	0
		9	1012.6	-	4.0	0.6	7.5	90	6.3	0	2	5	13	6	4	0	4	0	0	2	7	5	4	3	5	0	0	2	3	14	11	1	1	2	1	3	4	7	0	0
		15	1012.3	-	6.9	1.2	8.4	83	5.8	1	5	3	13	5	3	0	4	0	0	2	0	3	18	3	0	0	0	0	8	12	10	3	0	3	0	1	6	7	0	0
Westmorland Great Dun Fell	-	3	1013.1	-	4.8	0.6	7.9	90	5.9	1	5	4	6	12	2	0	1	0	1	2	6	10	10	0	0	0	0	1	7	15	7	2	0	2	3	3	6	5	2	1
		9	-	-	1.2	0.8	5.8	89	6.2	6	0	1	0	4	19	12	7	0	0	0	0	1	5	5	0	1	8	10	9	2	4	0	0	0	4	13	6	5	2	2
		15	-	-	1.4	0.8	5.8	87	6.0	4	2	3	1	1	19	6	13	0	0	0	0	1	0	1	7	2	2	1	5	16	8	0	3	2	1	0	5	11	5	3
Lancashire Squires Gate	11m.	3	1012.3	-	5.0	0.6	8.0	91	6.2	3	1	4	7	13	2	0	2	1	2	2	5	5	6	4	3	0	0	0	13	16	1	4	1	3	7	4	1	5	4	5
		9	1013.0	+1.1	5.2	0.6	8.2	92	6.3	1	4	1	10	12	2	0	2	0	2	8	4	5	6	3	0	0	0	12	17	1	3	1	4	7	4	0	5	5	5	
		15	1012.6	-	7.3	1.0	8.8	89	6.2	1	3	3	18	5	0	0	0	0	1	6	6	9	7	1	0	0	0	1	13	14	2	6	0	1	6	3	2	8	2	2
Speke	26m.	3	1013.7	-	5.5	0.7	8.2	89	5.3	4	5	2	7	10	2	1	0	0	6	4	7	4	5	3	0	0	0	0	10	19	1	5	1	2	6	5	1	6	3	5
		9	1012.9	-	5.0	0.7	7.8	89	5.6	2	4	3	11	9	1	0	1	1	2	5	5	6	5	4	0	0	0	13	13	4	1	2	0	5	7	3	3	5	4	
		15	1013.6	-	5.0	0.6	8.0	90	6.2	1	2	5	10	11	1	0	1	0	2	7	3	7	7	3	0	0	0	0	13	13	4	1	2	0	3	9	3	4	4	4
Cheshire Ringway	76m.	3	1013.1	-	7.5	1.3	8.6	82	5.9	1	2	6	10	10	1	0	0	1	0	3	3	10	8	4	1	0	0	2	11	13	4	3	0	0	4	6	2	8	3	2
		9	1014.3	-	5.5	0.8	8.1	88	5.4	3	3	5	9	9	1	1	0	0	4	6	10	5	4	0	0	0	0	10	11	9	2	0	0	4	6	3	2	4	3	
		15	1013.0	+1.2	3.9	0.5	7.6	93	5.9	5	0	4	6	14	1	0	1	2	0	4	6	11	5	0	1	0	0	0	5	19	6	1	1	2	1	11	3	10	1	5
21	1013.6	-	4.1	0.5	7.8	93	6.4	2	1	3	12	8	4	1	2	1	2	5	4	11	4	0	0	0	0	0	0	5	21	4	2	1	2	3	10	1	5	2	3	
	15	1013.1	-	6.8	1.3	8.1	81	6.0	2	3	3	12	8	2	1	1	1	4	9	5	8	0	0	0	0	0	0	10	13	7	2	0	0	2	6	4	6	3	1	
	21	1014.3	-	4.6	0.6	7.8	90	5.7	3	3	4	5	11	4	1	1	4	0	7	6	9	2	0	0	0	0	0	6	15	9	3	0	0	0	12	1	4	1	1	
7b NORTH WALES																																								
Anglesey Valley	11m.	3	1012.7	-	6.4	0.8	8.7	89	4.8	5	3	6	6	10	0	0	0	0	2	2	7	6	8	5	0	7	9	9	5	3	2	2	1	2	6	5	4	2	2	
		9	1013.5	+1.9	6.9	0.9	8.8	87	5.9	1	2	6	12	9	0	0	0	0	1	0	2	5	3	13	6	0	5	12	10	3	4	3	2	2	2	4	8	2	2	
		15	1013.2	-	9.1	1.5	9.3	79	6.0	2	1	6	15	6	0	0	0	0	0	0	3	4	7	9	7	0	6	14	5	5	3	0	0	3	4	7	3	2	4	
Caernarvon Bardsey Island	19m.	3	1013.9	-	7.4	1.0	9.0	86	5.5	4	1	7	6	12	0	0	1	0	2	0	5	10	8	4	0	0	7	11	10	2	4	3	0	4	3	8	2	2	4	
		9	1012.8	-	8.5	0.8	10.0	89	5.0	3	4	8	3	12	0	0	0	0	1	0	3	8	16	2	0	6	11	10	1	2	4	2	2	4	5	7	3	3	3	
		15	1013.5	-	8.5	0.8	9.8	88	6.1	1	0	9	11	9	0	0	0	0	0	1	5	5	13	6	2	10	8	9	1	5	2	3	2	3	4	6	4	6	4	
21	1013.4	-	9.3	1.0	10.2	86	5.8	0	4	9	9	8	0	0	0	0	0	0	0	3	4	16	7	3	8	8	10	1	5	0	2	2	4	3	7	6	6	6	6	
	15	1014.0	-	9.0	0.9	10.1	87	4.8	5	3	8	3	11	0	0	0	0	0	0	3	5	18	4	2	6	9	11	2	5	0	3	3	6	1	7	3	3	3		
	21	1014.0	-	9.0	0.9	10.1	87	4.8	5	3	8	3	11	0	0	0	0	0	0	3	5	18	4	2	6	9	11	2	5	0	3	3	6	1	7	3	3	3		
8a SOUTH WALES																																								
Cardigan Aberporth	134m.	3	1013.7	-	6.1	1.2	7.9	82	4.7	4	6	4	4	11	1	0	0	0	1	0	4	4	12	5	4	0	3	14	12	1	2	0	4	3	8	5	5	2	2	
		9	1014.2	+1.6	6.4	1.1	8.1	84	5.8	0	5	4	15	3	3	0	2	1	0	0	5	8	10	4	1	6	11	12	0	5	2	5	4	3	2	7	2	7	2	
		15	1014.2	-	7.9	1.7	8.3	77	5.7	1	4	5	14	6	0	0	0	1	1	1	4	10	8	5	0	5	14	8	3	3	4	1	1	5	3	7	3	2	7	
Pembroke Milford Haven C.B.	39m.	3	1014.9	-	6.7	1.3	8.1	81	4.5	4	8	3	4	11	0	0	0	0	1	1	8	9	7	3	1	3	16	9	1	3	0	2	5	8	1	6	4	1	6	4
		9	1014.4	-	7.0	1.1	8.5	84	4.4	8	1	8	3	10	0	0	0	0	0	0	0	12	12	6	0	0	1	11	17	1	2	4	7	0	1	2	7	6	6	6
		15	1014.8	-	7.3	0.9	9.0	86	5.5	3	3	6	7	11	0	0	0	0	0	0	0	15	11	4	0	0	3	14	12	1	1	4	6	3	1	1	6	7	1	6
Glamorgan Mumbles	37m.	3	1014.4	-	9.1	1.7	9.0	77	5.5	1	3	9	10	7	0	0	0	0	0	0	0	15	10	5	0	0	3	14	12	1	2	1	7	2	1	2	6	8	8	8
		9	1015.4	-	7.6	1.1	8.9	83	4.1	8	4	6	3	9	0	0	0	0	0	0	2	12	11	5	0	1	0	11	17	1	1	7	4	0	1	4	4	8	8	
		15	1014.5	-	6.8	0.9	8.3	84	4.3	7	6	2	4	10	1	0	0	0	2	0	3	7	8	9	1	1	1	18	10	0	7	5	0	1	5	7	5	1	5	7
Rhoose	69m.	3	1014.5	-	6.9	0.9	8.7	86	5.7	2	4	5	7	12	0	0	0	1	1	5	8	9	6	0	0	4	14	12	0	4	5	7	0	1	0	10	3	3	3	
		9	1014.4	-	8.7	1.9	8.5	75	5.7	0	3	9	10	7	1	0	0	0	1	3	11	8	7	0	0	4	20	5	1	5	1	4	3	2	2	9	3	9	4	
		15	1014.9	-	7.4	0.7	8.5	82	4.4	6	5	6	0	12	1	0	0	1	1	2	11	7	7	1	1	1	13	15	0	2	3	7	0	2	3	9	4	4		
21	1014.3	-	5.1	0.5	8.2	92	4.6	7	5	2	3	12	1	0	1	0	2	3	5	8	7	1	0	1	10	18	1	1	4	7	1	2	2	5	7	1	6			



TABLE VIII—NUMBER OF DAYS IN NOVEMBER, 1967  
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	0·0 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	0·0 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 .. ..	0	2	28	0	0	0	0	0	0	0	0	0	1	14	15	0	0	Edgbaston .. ..	0	5	22	3	0	0	0	0	0	0	0	0	0	2	21	7	0	0	
Stornoway .. ..	0	1	21	8	0	0	0	0	0	0	0	0	2	17	11	0	0	Kew .. ..	0	0	21	8	1	0	0	0	0	0	0	0	5	13	12	0	0		
Craibstone .. ..	0	2	22	6	0	0	0	0	0	0	0	0	5	24	1	0	0	Hastings .. ..	0	0	16	14	0	0	0	0	0	0	0	0	1	24	5	0	0		
Rothsay .. ..	0	0	23	7	0	0	0	0	0	0	0	0	0	23	7	0	0	Southampton .. ..	0	0	9	20	1	0	0	0	0	0	0	0	4	21	5	0	0		
Abbotsinch .. ..	0	1	22	7	0	0	0	0	0	0	0	0	5	19	5	1	0	Stonyhurst .. ..	-	-	-	-	-	-	-	-	-	-	0	0	0	13	14	3	0	0	
Eskdalemuir .. ..	0	7	21	2	0	0	0	0	0	0	0	0	12	16	2	0	0	Bidston .. ..	0	2	22	6	0	0	0	0	0	0	0	4	17	9	0	0			
Douglas .. ..	0	0	23	7	0	0	0	0	0	0	0	0	0	21	9	0	0	Valley .. ..	0	0	15	15	0	0	0	0	0	0	0	0	3	11	14	2	0		
Cockle Park .. ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Falmouth .. ..	0	0	14	16	0	0	0	0	0	0	0	0	0	14	16	0	0		
Gorleston .. ..	0	3	21	7	0	0	0	0	0	0	0	0	1	20	10	0	0	Aldergrove .. ..	0	1	24	5	0	0	0	0	0	0	0	0	4	19	16	1	0		
Cambridge .. ..	0	4	19	6	1	0	0	0	0	0	0	0	8	18	4	0	0	Armagh .. ..	0	0	23	7	0	0	0	0	0	0	0	0	8	20	2	0	0		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, NOVEMBER, 1967

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 .. ..	133	1	11	24	36.3	29	50	1	11	24	29.2	29	131	1	12	24	36.6	29
Eskdalemuir .. ..	152	4	9	13	63.1	27	92	7	8	13	43.8	26	157	4	11	13	64.7	26
Cambridge .. ..	172	11	21	25	83.6	28	93	6	21	25	53.5	28	-	-	-	-	-	-
London W/Centre .. ..	103	8	19	25	81.8	27	106	7	18	25	55.0	27	194	8	26	25	103.0	27
Kew .. ..	148	3	16	25	82.3	29	97	6	17	25	55.8	29	172	3	22	25	96.1	29
Bracknell .. ..	186	7	20	25	92.8	30	97	12	21	25	58.8	30	202	7	25	25	100.8	30
Aberporth .. ..	194	8	36	30	98.1	30	124	7	33	18	64.5	30	-	-	-	-	-	-

TABLE II - CORRECTIONS TO MILDENHALL  
Distribution of Mean Hourly Values of Wind Speed

YEAR	Range	January	February	March	April	May	June	July	August	September	October	November	December
1960	11 to 21 knots 4 to 10 knots Less than 4 knots								62 419	370 253	452 143	299 367	202 372
1961	22 to 33 knots 11 to 21 knots 4 to 10 knots Less than 4 knots			257 385 88	143 411 106	210 400 126	8 422 204				259 335 144	190 370 142	339 233
1962	11 to 21 knots 4 to 10 knots Less than 4 knots		321 254	129 377 234		196 385 162		513 129			332 325		
1963	11 to 21 knots 4 to 10 knots Less than 4 knots			245 420	171 362 182	176 420	327 216	87 375			218 443 82	232 343	138 505
1964	22 to 33 knots 11 to 21 knots 4 to 10 knots Less than 4 knots	5 122 465			346 309 57		113 413 194		79 429 250	114 404 200			26 229 263 226
1965	11 to 21 knots 4 to 10 knots Less than 4 knots		296 277				246 277	488 102	439 161				
1966	11 to 21 knots 4 to 10 knots Less than 4 knots		296			355 184		423 179					

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE									
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 average	MOST IN A DAY		Precip'n 0.2 mm. or more	0.1 mm. or more	Snow or Sleet	Snow lying at 8hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 8hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure						
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date																								
1967	January	Castle Arch. For													67	66	21																					
	February	West Lavington													49	-	10	17	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	July	Dall			16.2	9.1	12.7	-	20.6	5	4.4	22	-	-	105	-	10	11	24	24	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	August	Craighouse			17.0	10.4	13.7	-	20.0	31	5.6	2	-	-	61	-	21	15	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Dall			17.2	8.3	12.7	-	23.3	21	1.1	18	13.6	-	61	-	21	15	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		Largs			11.4	14.9	-0.3																															
		Craighouse			17.5	10.1	13.8	-	20.0	1,21,25	7.2	27	-	-	73	-	13	28	19	10	-	0	0	-	-	0	0	0	0	0	0	0	0	0	0	0		
		Millport			17.4	11.9	14.7	-0.1	20.6	22,23,24	7.8	5	-	-	61	64	19	11	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Aberdeen			17.2	10.1	13.7	0.0	21.7	23	6.1	18	-	-	33	45	8	14	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Penkridge													46	70																						
		Birmingham K. & S.													35	50																						
		Binbrook													44																							
		Cambridge Bot. Gdn.													31	65																						
	September	Achany																																				
		Rudh Re			14.7	10.4	12.5	-	19.0	28	8.2	8	-	-							0	0	0	0	0	0	0	0	0	0	0	2	3.31		-	-		
		Inverpoll																																				
		Balmoral													63	87	14	26	19	17																		
		Dinnit			16.6	7.1	11.9	-	21.7	13	0.6	8	12.3	-	66	-	13	26	21	14	0	0	0	0	0	0	0	2	0	0	0	0	3.45	-	-	-		
		Aberdeen			15.3	9.0	12.1	+0.3	17.8	2	3.3	15	-	-	70	93	14	26	17	12	0	0	0	0	0	0	0	0	0	0	0	3.77	89	-	-	-		
		Whitehills													126	-	28	24	22	17																		
		Dall			-	-	-	-	-	-	-	-	-	-	113	-	29	11	19	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

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## December 1967 — *Sunny. Heavy snowfall in Wales*

Anticyclonic weather predominated during December apart from cyclonic interludes with pressure low to the north or east of the British Isles on the 5th-8th, 21st-25th and 27th-31st.

An anticyclone moving slowly eastwards across the British Isles maintained generally mild, dull weather with widespread and locally dense fog on the 1st and 2nd, which persisted for much of both days. A deep depression moving south-eastwards on the 3rd and 4th from the region of Jan Mayen towards the Baltic, brought gale force winds and occasional rain to northern Scotland, but in England and Wales weather was dry with good sunny periods. On the 5th a belt of rain, associated with a complex depression over the Baltic, moved slowly southwards over the British Isles clearing southern England during the morning of the 6th.

The cold northerly airstream behind the rain persisted for several days, pressure for most of the time being high from Greenland to the coast of Portugal. Frost was widespread and severe at night but the days were sunny. Snow spread to all areas, and small polar depressions moving SSE from western Scotland in the airstream brought moderate falls to many western districts on the 7th and 8th. On the morning of the 9th snow lay 17 to 20 inches deep in parts of northern and central Wales and 6 to 9 inches deep in the west Midlands and Devon. The cold weather continued in most districts throughout the 10th, but by then pressure was falling rapidly in the region of Iceland, and on the 11th mild air from the Atlantic spread round the northern side of an anticyclone situated off south-west England bringing rain, preceded by snow, to many districts.

There was little snow left, except over high ground, on the 12th, but the rain and rapid thaw led to floods in the west. The anticyclone off south-west England moved across southern England on the 13th and 14th, and weather became mainly dry apart from some overnight fog and coastal drizzle.

A fresh outbreak of northerly winds from high latitudes on the 15th was preceded by the movement of a deep depression across the Norwegian Sea to Scandinavia and the subsequent rapid increase of pressure to the west of Ireland. Cold-front rain moving southwards over the country cleared most of southern England early on the 16th, which was a generally sunny but cold day. By the 17th an anticyclone covered most of the British Isles, but later that day mild south-westerly winds from the Atlantic brought rain to south-west England. There were scattered snow showers in many northern and eastern districts on the 17th and 18th, but rain spread across southern England during the night of the 18th/19th. The high pressure over the country was very persistent, however, and the 19th and 20th were mainly dry and cold.

The cold spell came to an end on the 21st as frontal rain, associated with a deep depression approaching Iceland, spread over the British Isles. Winds freshened from the south-west and temperatures increased rapidly. The mild Atlantic airstream with drizzle and coastal fog continued over England and Wales throughout the 22nd making this the mildest day of the month at many places. Scotland had some heavy frontal rain.

A belt of cold-front rain moving south-eastwards across the country on the 23rd was followed by north-westerly winds and showers on the 24th and 25th, though a depression in the North Sea gave more continuous rain in eastern districts. The 26th was dry in most areas, but another outbreak of northerly winds on the 27th brought temperatures, which had been decreasing during the previous few days, below the average again. Showers in the northerly airstream on the 28th and 29th were of snow in some eastern districts, and a trough moving southwards over the country brought further falls of rain and snow during the last two days of the month.

**Pressure and Wind** — Mean pressure was everywhere above the 1931-1960 average, the excess at 0900 GMT ranging from 2.8 mb at Gorleston to 9.0 mb at Scilly. Surface winds were mainly north or north-west apart

from light variable winds on the 1st, 2nd and 20th-24th, and south-westerly on the 14th-19th. The predominating north to north-westerly airstream is probably responsible for the marked lee-trough along the English Channel in the pressure map.

**Temperature** — Mild spells alternated with cold periods. The first major cold spell was centred around the 9th when Worthing had its coldest December night since 1908.

Extremes included: (England and Wales) 14.4°C at Durham and Houghall on the 1st and at Gillingham on the 22nd, -13.3°C at Wallingford on the 9th and at Corwen on the 10th; (Scotland) 13.9°C at several places on the 1st and at Glenlee on the 2nd, -14.4°C at Carnworth on the 10th and at Grantown-on-Spey on the 20th; (Northern Ireland) 13.9°C at several places on the 22nd, -12.2°C at Lisnafillan on the 9th.

**Rainfall** — In England and Wales rainfall was generally below the average, but was above the average in a wide corridor from the London area extending north-westwards and covering the northern half of Wales and parts of Northern Ireland. In Scotland a few places in the extreme north-west had twice the December average, but rainfall was less than half the average over large areas of central Scotland, and less than a quarter in central Perthshire.

Snow fell over much of the country from the 6th until the 11th, and drifting in gale force winds caused many blocked roads. There was further snow around mid-month and towards the end of the month.

Thunder was heard on 9 days somewhere in England and Wales.

**Sunshine** — A feature of the month was the large amount of sunshine. In Scotland, although it was below average north and west of a line from Rattray Head to Fort William, sunshine was more than twice the December average elsewhere and three times the average in the Glasgow area. At Paisley it was the sunniest December since records began in 1885. In England and Wales percentages of the local average ranged from 229 at Huddersfield to 75 at Aber and Penzance.

**Fog** — Fog at 0900 GMT was reported on 8 days in Scotland but was very local. In England and Wales it was fairly widespread on the 1st, 2nd, 12th and 13.

**Miscellaneous Phenomena** — The aurora was seen in Scotland on 13 nights.

TABLE 1—DISTRICT VALUES, DECEMBER, 1967

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average							% of Average		
0 SCOTLAND, N.	12.2	-10.6	-0.7	-0.7	-0.7	+0.5	+0.6	+2	112	84
1 SCOTLAND, E.	13.3	-6.1	0.0	+0.2	+0.1	+0.1	-0.1	0	80	134
2 ENGLAND, N.E.	14.4	-5.6	-0.3	-1.2	-0.7	-0.7	-0.3	-4	68	146
3 ENGLAND, E.	13.3	-7.8	-0.8	-0.8	-0.8	-0.1	-0.2	+2	90	140
4 MIDLANDS	13.1	-8.4	-0.4	-0.5	-0.5	-0.2	-0.2	-1	83	163
5 ENGLAND, S.E.	13.9	-9.5	-0.6	-0.6	-0.6	-0.5	-0.4	+2	85	117
6 SCOTLAND, W.	13.4	-10.1	-0.1	-0.2	-0.1	-0.1	-0.1	-2	60	171
7 ENGLAND, N.W. and N. Wales	12.8	-7.2	-0.3	-0.2	-0.2	+0.1	-0.1	-1	84	159
8 ENGLAND, S.W. and S. Wales	13.3	-8.9	-0.3	-0.1	-0.2	+0.3	-0.2	+1	74	110
N. IRELAND	13.4	-10.2	-0.1	0.0	-0.1	-	-	-1	94	110
SCOTLAND	13.4	-10.6	-0.3	-0.2	-0.2	-	-	0	81	130
ENG. and WALES	14.4	-9.5	-0.5	-0.6	-0.5	-	-	0	88	139

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



TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— DECEMBER 1967

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES			DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES						
		Above Mean Sea Level	Above ground	Effective Height	24 Knots or more (Gale force)		22 to 23 knots		11 to 21 knots	4 to 10 knots	Less than 4 knots	No Record	HIGHEST HOURLY WIND			HIGHEST GUST						
					Dates of Occurrence	Duration (hr)	No. of days	Duration in Hours				Year from N	Speed in knots	Hour ended at day hour		Year from N	Speed in knots	Day and Time				
8	Zetland	Lerwick	93	10	10	2, 3, 4, 5, 7, 8, 14, 15	43	22	183	352	147	19	0	17.8	280	42	3	12	290	74	3	1235
	Orkney	Kirkwall	41	15	10	3-8, 15, 28	59	20	198	339	133	15	0	18.6	260	48	4	10	280	85	3	0815
	Caithness	Dounreay	34	12	9	3-8, 15, 27, 28	57	21	225	356	87	0	19	19.8	300	48	3	13	300	69	3	1215
		Wick	45	10	10	3, 28	10	14	152	328	225	29	0	15.0	290	42	3	15	280	72	3	1235
	Sutherland	Shin	24	10	10	4	1	7	33	237	250	222	1	8.0	270	34	4	13	260	61	4	1215
	Ross & Cromarty	Stormoway (C'Guard)	37	12	11	2, 3, 4, 5, 14, 20, 21, 22, 28	61	21	190	332	112	49	0	18.1	280	46	3	10	280	61	3	0905
		Duirinish	38	20	17	28	2	13	107	311	244	70	10	12.9	020	35	28	16	020	61	28	1525
	Inverness	Benbecula	16	10	10	3, 25, 28, 30, 31	18	20	235	357	109	25	0	17.8	270	42	3	05	270	62	3	0425
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	2	4	117	265	357	1	5.3	240	25	4	10	240	40	2	2345
		Cairngorm	1074	9	9	2-5, 14-15, 20, 22, 26-27	87	15	131	297	141	11	77	19.2	290	54	15	04	290	86	15	0130
1	Moray	Kinloss	17	13	13	3, 4	6	14	129	415	185	9	0	15.2	270	36	3	12	260	58	3	0750
		Lossiemouth	31	24	18	3, 6, 15, 28	9	18	175	367	177	16	0	16.1	250	36	15	02	290	65	3	1430
	Aberdeen	Dyce	71	9	9	-	0	11	60	397	204	83	0	12.3	310	30	8	05	310	50	5	0735
	Angus	Bell Rock	39	40	38	4, 6-9, 15, 28, 29	33	27	241	425	44	1	0	20.0	360	40	8	07	360	54	8	0735
	Perth	Rannoch	307	17	17	-	0	3	16	172	350	202	4	7.3	280	27	4	20	280	50	4	1735
		Tummel Bridge	161	16	16	-	0	7	51	419	266	8	0	12.7	280	32	15	05	280	47	15	0540
	Fife	Leuchars	24	12	12	-	0	7	51	419	266	8	0	12.7	280	32	15	05	280	47	15	0540
	West Lothian	Forth Road Bridge	72	9	72	-	0	5	35	299	349	61	0	10.4	250	30	4	18	260	53	4	2220
	Midlothian	Turnhouse	42	12	10	-	0	5	35	299	349	61	0	10.4	250	30	4	18	260	53	4	2220
		Edinburgh, Blackford Hill	161	15	10	-	0	5	35	299	349	61	0	10.4	250	30	4	18	260	53	4	2220
6a	Argyll	Tiree	27	18	14	3, 6-8, 20, 25, 28-31	56	23	240	325	92	31	0	19.3	350	43	28	18	320	63	25	0535
	Dumarton	Cumbernauld	166	10	10	-	0	1	1	168	398	177	0	7.3	320	22	3	14	290	45	4	0700
	Renfrew	Paisley	57	25	9	-	0	4	22	246	366	110	0	9.1	250	28	4	22	280	42	4	0740
		Abbotsinch	16	10	10	-	0	4	22	246	366	110	0	9.1	250	28	4	22	280	42	4	0740
	Lanark	Lowther Hill	736	13	10	3, 4, 5, 25	13	23	168	429	109	4	21	17.4	280	48	5	02	270	71	5	0150
	Ayr	Hunterston	13	9	9	-	0	9	26	352	303	63	0	11.4	260	32	4	21	260	45	4	2010
		Prestwick	21	10	10	-	0	4	17	336	292	99	0	10.1	250	27	4	23	260	45	4	2305
	Dumfries	Chapelcross	94	15	15	-	0	9	23	338	250	133	0	10.2	270	28	5	03	270	56	4	2400
		Eskdalemuir	251	15	11	-	0	12	39	385	244	76	0	11.7	DEF	27	25	10	DEF	55	25	0650
	Wigtown	West Freugh	25	10	10	-	0	16	118	365	214	47	0	13.9	320	32	25	11	310	52	25	0900
6b	Isle of Man	Ronaldsway	25	10	10	-	0	22	232	384	108	15	0	18.1	300	35	25	07	310	53	31	0510
		Point of Ayre	20	10	10	25, 31	5	22	232	384	108	15	0	18.1	300	35	25	07	310	53	31	0510
2	Durham	Durham	119	16	10	-	0	5	14	385	273	72	0	11.0	270	28	22	09	290	50	4	2220
		South Shields	22	17	13	-	0	6	23	336	342	43	0	10.7	350	30	9	17	020	51	29	0450
	Yorks, N.R.	Leeming	42	10	10	-	0	7	26	322	258	138	0	10.3	260	29	15	09	260	45	15	0825
		Silpho Moor	207	15	9	-	0	7	26	322	258	138	0	10.3	260	29	15	09	260	45	15	0825
	Lincoln	Cranwell	76	12	12	-	0	1	4	168	472	100	0	7.5	240	26	23	11	240	40	23	1115
		Binbrook	118	10	10	-	0	13	58	469	174	43	0	13.3	280	31	5	02	280	48	5	0115
		Manby	26	10	10	-	0	4	11	442	256	35	0	11.6	250	25	23	12	260	35	23	1240
3	Norfolk	Gorleston	16	13	13	-	0	3	20	364	304	46	10	10.9	020	33	9	22	350	50	29	1240
	Suffolk	Mildenhall	30	25	18	-	0	1	2	245	376	121	0	8.3	250	24	23	12	250	39	23	1135
	Bedford	Bedford	98	13	9	-	0	2	5	336	368	35	0	10.5	330	24	29	11	330	35	29	1040
		Cardington	69	41	41	-	0	4	18	380	279	67	0	11.1	230	28	23	12	230	41	23	1130
	Hertford	Garston	94	15	10	-	0	0	0	112	430	202	0	6.4	340	19	25	18	250	35	23	0855
		Rothamsted	141	13	10	-	0	0	0	113	515	116	0	7.1	260	18	23	10	260	41	23	1045
	Essex	Stansted	107	9	9	-	0	0	0	227	373	144	0	8.0	350	20	25	19	340	38	25	1815
		Coryton	20	17	15	-	0	0	0	227	373	144	0	8.0	350	20	25	19	340	38	25	1815
		Shoeburyness	36	32	28	-	0	6	21	488	212	22	1	12.8	330	25	29	14	330	40	29	1355
4	Yorks, W.R.	Sheffield	162	25	11	-	0	1	2	314	409	19	0	10.2	320	23	25	14	290	45	25	1000
	Warwick	Edgbaston	196	36	22	-	0	1	2	314	409	19	0	10.2	320	23	25	14	290	45	25	1000
		Elmdon	105	9	9	-	0	3	15	363	308	58	0	10.6	310	25	25	09	310	40	25	0910
	Buckingham	Amersham	152	15	15	-	0	0	0	154	448	142	0	7.5	20	25	15	240	42	23	1030	
	Stafford	Keele	215	15	10	-	0	1	3	174	388	179	0	7.4	330	22	25	12	320	44	25	1035
	Worcester	Pershore	47	10	10	-	0	3	16	276	297	155	0	9.0	340	28	25	18	340	43	25	1650
	Gloucester	Avonmouth	28	19	10	-	0	0	0	297	404	43	0	9.3	330	19	25	20	250	33	23	0910
5	Greater London	London W/Centre	93	70	38	-	0	0	0	237	425	82	0	8.5	320	21	25	15	330	35	25	1520

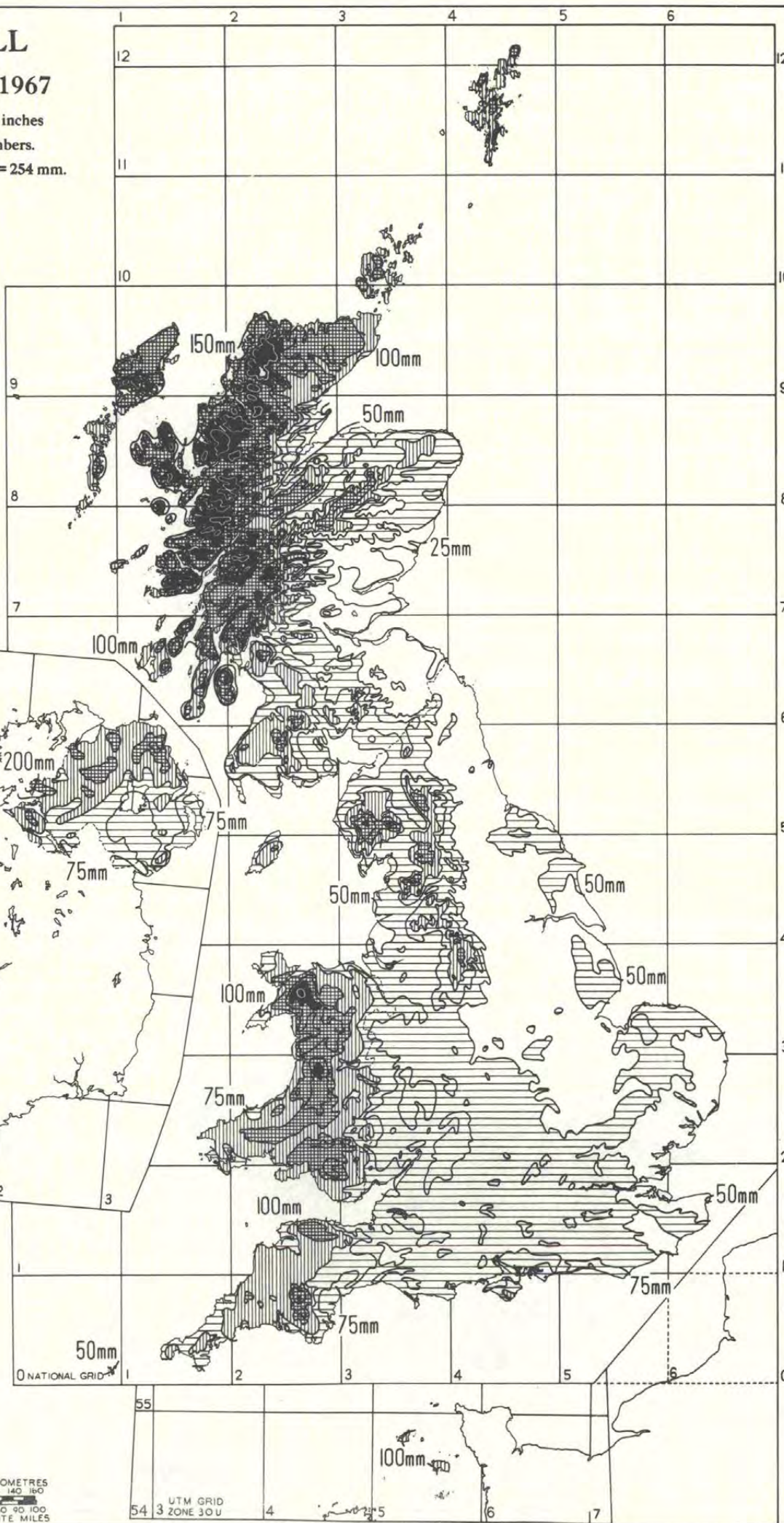
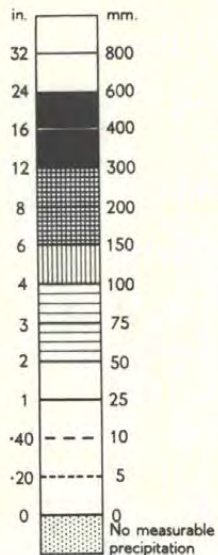


# RAINFALL

DECEMBER 1967

The equivalent values in inches  
are given in round numbers.

The exact relation is 10 in. = 254 mm.





# MONTHLY WEATHER CHARTS

# DECEMBER 1967

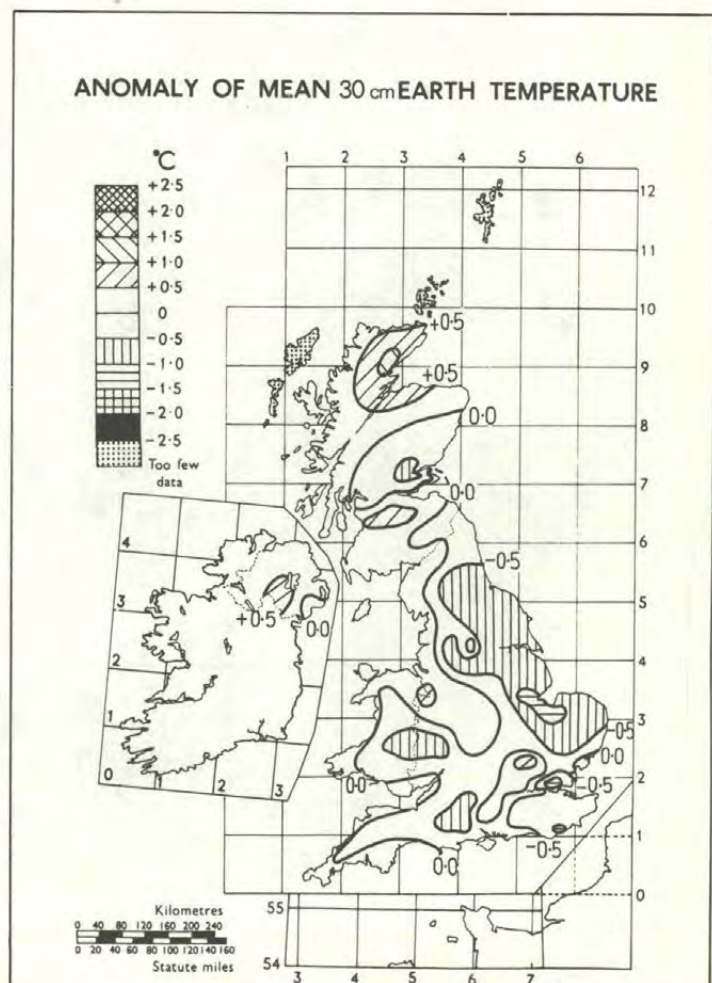
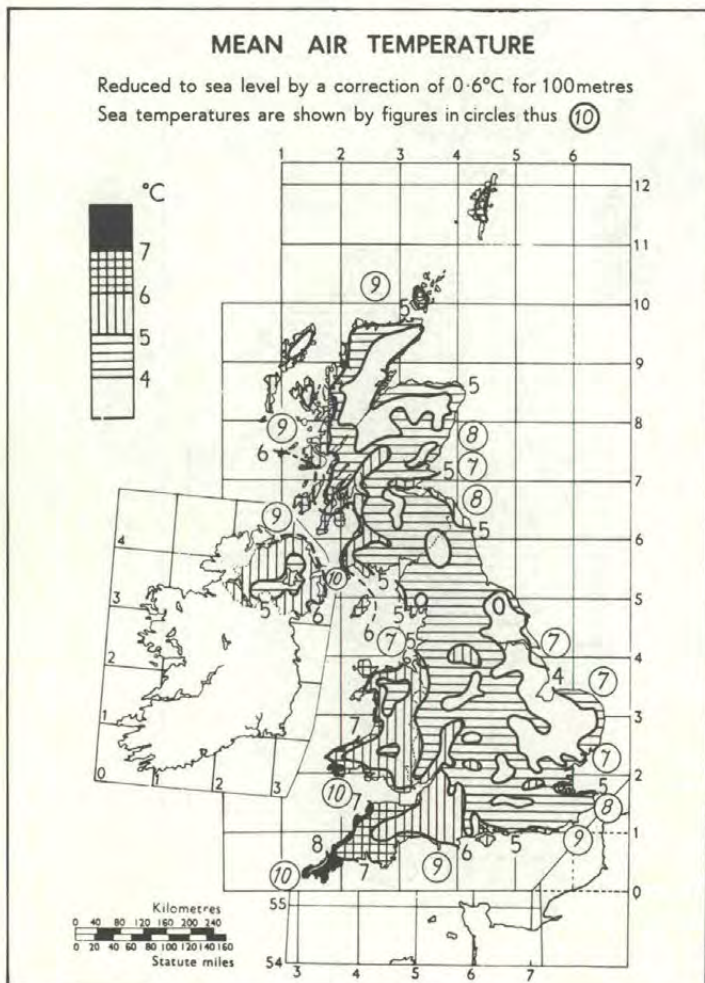
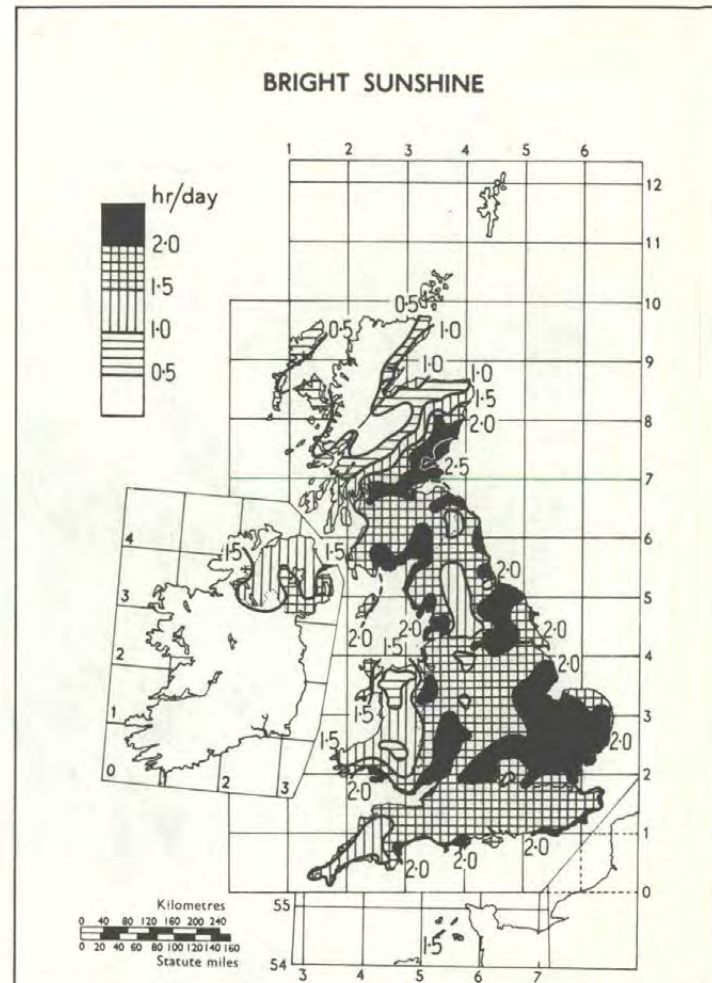
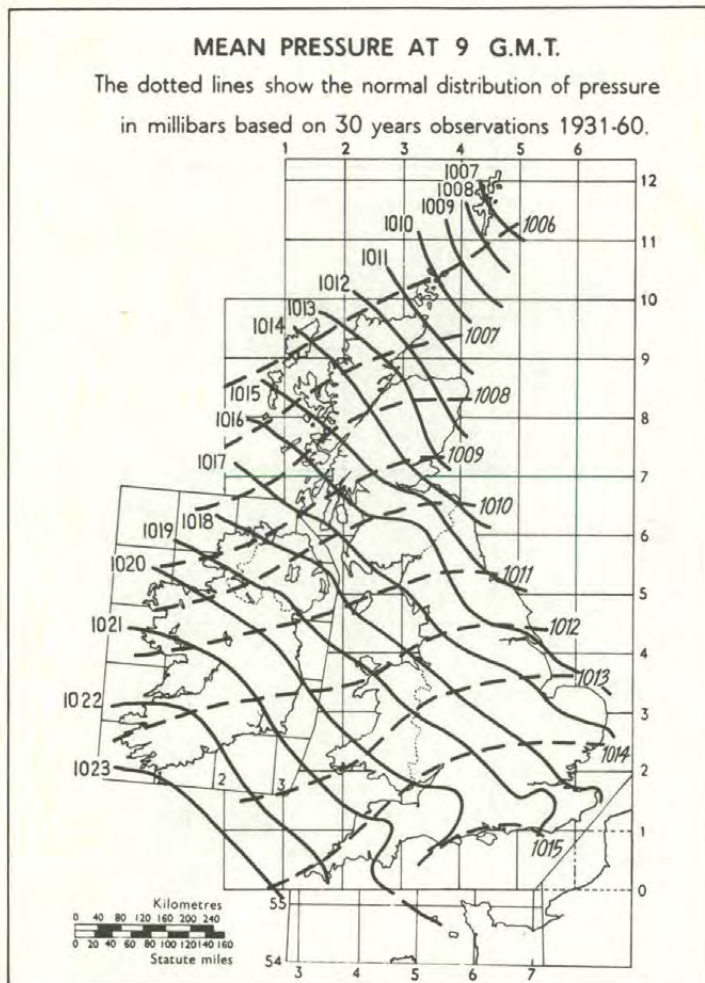




TABLE III

—SUMMARY OF DAILY OBSERVATIONS

DECEMBER

1967

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DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day	Precip'n	Number of Days										Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					A Max.	B Min.			Maximum	Date	Minimum	Date	4 amount (mm.)	Date					0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C				Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER

1967

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
					A Max.	B Min.			Maximum	Date	Minimum	Date																						
1 SCOTLAND, E.—cont.																																		
Midlothian				61	6.6	1.9	4.3	0.0	12.8	22	-6.1	20	4.1	-	27	48	11	22	12	6	2	2	0	0	0	0	12	20	0	1.82	-	-	S	
—cont.				189	5.8	0.9	3.3	-0.1	11.1	22	-8.9	20	4.0	-	47	57	13	11	12	9	3	3	0	0	0	0	13	20	0	1.64	-	-	-	
				184	6.4	0.8	3.6	-	10.6	1,4	-11.1	20	3.5	5.7	45	63	18	22	11	6	3	3	0	0	0	0	15	17	0	1.95	-	-	-	
				134	6.7	2.2	4.5	-0.1	12.8	22	-4.4	9	-	-	30	57	11	22	9	7	3	2	0	0	0	0	12	15	-	1.93	137	-	-	
				23	7.1	1.8	4.5	+0.2	12.8	22	-7.8	20	4.2	-	33	62	10	22	10	6	2	2	0	0	0	0	11	19	0	1.72	167	-	-	
E. Lothian				49	6.9	1.8	4.3	-	12.8	22	-7.8	20	-	-	37	73	11	22	12	8	1	1	0	0	0	0	11	14	2	(1.50)	-	-	S	
				23	7.6	2.7	5.1	+0.2	13.3	22	-4.4	20	-	-	24	52	6	22	12	6	1	0	0	0	0	0	10	15	0	1.84	120	-	-	
Berwick				69	7.0	0.6	3.8	-	13.9	1	-11.1	20	-	-	34	-	11	22	14	8	3	-	1	0	0	-	13	23	0	1.82	-	-	-	
				183	6.6	0.1	3.3	-	11.1	1,22,26	-9.4	21	-	-	36	-	9	11	17	12	7	3	0	0	0	0	14	23	1	2.18	-	-	-	
				152	6.2	1.1	3.7	+0.1	12.8	1	-6.1	17	-	-	36	60	10	11	13	6	2	3	0	0	0	0	12	-	0	1.70	147	S	-	
				255	5.8	0.5	3.1	-	12.2	1	-6.7	9	-	-	34	51	5	22	20	12	5	4	2	0	0	-	15	-	2	-	-	-	-	
				75	6.7	3.6	5.1	-	12.0	1	-2.5	31	-	-	-	-	-	-	-	3	1	2	0	0	0	7	15	7	-	-	-	-	-	
Peebles				226	5.7	-0.2	2.7	-	11.1	22	-11.1	8	-	-	69	61	11	24	19	13	3	3	0	0	0	0	15	22	0	-	-	-	-	
				253	5.6	-0.2	2.7	-	11.7	22	-9.4	20	-	-	55	64	10	11	17	13	6	3	0	3	0	0	15	21	1	1.46	-	-	-	
				244	5.8	0.1	2.9	-	10.6	22	-10.6	20	3.0	5.4	58	65	11	22	21	12	3	4	0	0	0	0	13	15	0	-	-	-	-	
				177	6.7	-0.1	3.3	-	10.6	2,23,27	-11.1	20	-	-	45	61	10	11	15	10	-	3	-	-	-	0	15	-	-	-	-	-	-	
Selkirk				183	6.3	0.8	3.5	-	12.2	1	-8.9	20	-	-	40	48	14	22	16	9	7	1	0	0	0	0	15	-	2	-	-	-	-	
Roxburgh				171	6.2	-0.6	2.8	-	11.7	1	-9.4	20	-	-	37	46	11	22	12	8	2	1	0	0	0	1	16	-	0	-	-	-	-	
				35	6.9	0.7	3.8	-	13.3	1	-7.8	20	-	-	28	-	9	22	13	6	2	0	0	1	1	0	15	21	0	1.29	-	-	S	-
				274	5.7	0.6	3.1	0.0	12.8	1	-7.2	9	-	-	53	-	(10)	9	17	12	3	3	0	1	0	1	15	19	0	1.37	-	-	-	-
6a SCOTLAND, W.																																		
Argyll				9	7.4	4.4	5.9	-0.5	11.1	22	-2.1	9	-	-	103	87	14	20	27	17	6	2	1	12	0	1	6	10	8	0.63	67	-	-	
				20	7.9	4.7	6.3	-	12.5	22	-1.6	9	-	-	119	74	17	20	25	18	3	0	9	0	0	0	5	6	6	-	-	-	-	-
				27	7.8	3.9	5.9	0.0	11.7	22	-2.8	9,20	-	-	125	87	18	20	28	24	3	-	3	0	0	1	5	-	1	-	-	-	-	-
				3	7.9	4.1	6.0	-	12.2	22	-2.8	9	-	-	209	-	27	20	26	23	-	5	-	-	-	0	4	9	-	-	-	-	-	-
				10	7.8	4.3	6.1	-	13.5	22	-3.1	10	-	-	102	-	11	23	25	17	6	0	5	2	0	0	9	12	0	1.17	-	-	-	-
				3	8.9	4.1	6.5	-	13.3	22	-1.7	9	-	-	106	-	13	23	24	21	2	0	0	0	0	11	3	-	0	1.07	-	-	-	-
				10	7.5	2.3	4.9	-	12.8	21,22	-7.8	9	-	-	246	-	26	21	28	24	4	-	0	0	0	-	10	14	0	-	-	-	-	-
				12	7.4	2.2	4.8	-	12.2	14,22	-7.2	9	-	-	199	114	30	20	24	19	3	-	1	0	0	0	11	17	0	-	-	-	-	-
				9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
				24	6.7	1.4	4.1	-	11.7	22	-8.3	20	-	-	203	-	36	22	22	18	4	3	1	0	0	0	14	19	0	-	-	-	-	-
Bute				12	7.5	2.4	4.9	-	13.3	22	-6.7	20	-	-	191	70	25	22	23	18	4	0	0	2	0	1	13	17	0	-	-	-	-	-
				18	7.5	4.4	5.9	-	11.4	22	-3.5	9	-	-	141	-	30	22	21	16	5	-	1	0	0	0	4	8	1	-	-	-	-	-
				15	8.3	3.5	5.9	-	12.8	22	-3.3	20	5.4	-	165	-	21	24	23	18	4	1	0	0	0	0	9	14	1	-	-	-	-	-
				43	7.3	3.3	5.3	0.0	12.8	22	-3.9	9	4.9	6.9	113	75	31	20	22	17	4	1	1	0	0	0	6	13	0	1.31	134	-	-	-
				5	8.1	3.9	6.0	-0.1	12.2	1,22	-2.2	9,10	-	-	85	69	24	20	18	14	3	0	2	0	0	1	4	-	0	-	-	-	-	-
Dunbarton				15	8.1	3.3	5.7	-	13.3	22	-3.9	20	-	-	123	-	22	21	19	14	3	0	1	0	0	-	10	-	2	-	-	-	-	-
				89	7.0	1.8	4.4	+0.2	11.1	1,22	-5.6	20	-	-	87	56	17	22	20	14	1	1	0	0	0	0	15	-	0	1.86	245	-	-	-
				12	7.5	3.4	5.5	-	12.4	21	-6.5	20	-	-	204	-	37	21	20	16	7	-	0	0	0	0	9	-	1	-	-	-	-	-
				94	5.9	-0.4	2.7	-	11.7	22	-9.4	20	-	-	76	-	18	21	17	12	4	4	0	0	0	0	15	22	0	-	-	-	-	-
Stirling				335	4.3	0.4	2.3	-	9.6	22	-7.5	7	-	-	51	-	13	22	18	13	-	-	-	-	-	4	16	16	-	2.37	-	-	-	-
				46	7.7	1.9	4.8	+0.5	12.2	1,22	-7.2	20,21	3.6	7.8	33	34	10	22	17	7	2	3	0	0	0	0	12	22	0	1.87	-	-	-	-
				3	7.5	1.5	4.5	-	12.8	22	-8.3	21	-	-	35	-	13	22	13	7	5	1	0	0	0	0	12	-	0	-	-	-	-	-
				4	7.3	0.2	3.7	-	12.8	22	-10.0	20	-	-	30	-	12	22	12	8	3	2	0	0	0	0	13	16	0	-	-	-	-	-
Renfrew				61	7.2	3.2	5.2	0.0	11.7	22	-3.3	9,20	-	-	102	57	21	22	15	15	4	1	0	0	0	0	9	16	0	1.38	-	-	S	-
				32	7.1	2.6	4.9	+0.1	11.7	1,22	-6.7	20																						



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER

1967

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days												BRIGHT SUNSHINE					
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n 0.2 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.																				
2 ENGLAND, N.E.																																	
Northumb- erland	Kielder Castle ...	99	201	5.4	-1.1	2.1	-	12.2	1	-10.6	20	3.9	-	68	61	24	22	18	15	3	3	0	1	0	9	17	24	0	-	-	-		
	Haydon Bridge ...	99	79	6.5	-0.2	3.1	-	11.1	1,22	-10.6	20,21	3.7	5.7	39	-	13	22	15	12	3	3	0	0	0	0	15	20	0	-	-	-		
	Corbridge ...	99	49	6.9	0.7	3.8	-	12.2	1,22	-8.9	20	-	-	41	-	10	9	15	9	1	3	0	0	0	0	12	18	0	-	-	-		
	Berwick-on-Tweed †	99	23	7.2	2.5	4.9	+0.2	12.8	1	-4.4	20,21	-	-	34	79	6	22	17	9	5	1	0	1	0	0	9	15	0	1.97	135	-	-	
	Cockle Park †	99	99	-	-	-	-	-	-	-	-	-	(3.4)	-	33	52	7	28	10	9	-	-	-	-	-	-	-	-	-	2.28	149	-	-
Durham	Acklington ...	21-9	42	6.5	2.0	4.3	-	13.3	1	-4.7	20	-	-	31	53	6	9	13	10	11	3	1	5	1	1	13	14	3	2.48	-	-	-	
	Tynemouth ...	21-9	29	6.5	2.7	4.6	-0.8	12.0	23	-4.0	9	-	-	48	79	12	9	15	11	8	2	4	0	2	1	10	14	3	1.90	178	-	-	
	Seahouses ...	21-9	11	7.3	2.9	5.1	-	13.9	1	-3.0	9	-	-	40	-	8	9	14	8	8	0	5	0	1	1	9	11	2	1.87	-	-	-	
	Chopwellwood ...	99	136	6.6	1.1	3.9	-0.1	12.2	1	-5.6	8	-	-	38	59	7	28	14	9	4	4	0	1	0	1	12	23	0	-	-	8		
	Ushaw College ...	99	181	6.3	-	-	-	12.8	1	-5.0	8,9	-	-	32	50	9	22	12	9	4	3	0	0	1	1	-	-	0	-	-	-		
	Houghall ...	99	37	7.2	0.2	3.7	-0.2	14.4	1	-7.2	20,21	-	-	38	62	12	9	14	8	5	3	1	2	1	1	12	25	0	2.45	206	-	-	
	Durham †	99	102	7.0	0.2	3.6	-0.5	14.4	1	-5.6	20	3.8	6.7	34	59	10	9	14	7	-	-	-	-	-	-	13	13	-	2.35	165	-	-	
Yorks., N. Riding	Hartlepool ...	99	9	7.1	1.7	4.4	-	12.8	22	-3.3	8,9,20	-	-	44	86	13	9	13	11	5	1	3	0	0	2	10	-	0	1.47	-	-	-	
	Thirsk ...	99	34	6.4	-0.3	3.1	-	12.2	1,22	-6.7	20	-	-	42	-	11	9	16	10	7	6	1	0	0	2	17	22	0	-	-	-	-	
Yorks., E. Riding	Leeming ...	21-9	32	7.1	1.3	4.2	-	14.2	1	-6.5	20	-	-	33	-	7	9	12	9	7	3	1	1	0	1	14	20	0	2.49	-	-	-	
	York (Heslington)	99	20	6.5	0.3	3.4	-	12.8	22	-4.4	9,20	3.0	5.7	37	-	6	28	15	12	-	-	-	-	-	7	15	21	-	-	-	-	-	
	Ampleforth ...	99	95	(6.3)	0.6	(3.5)	-0.5	11.7	1,22	-5.0	8,9	-	-	56	85	12	28	(17)	(15)	5	-	0	0	0	3	13	23	0	-	-	8		
	Redcar ...	99	8	7.9	2.2	5.1	-	13.3	5	-2.8	9,17,20	-	-	50	102	13	28	15	12	-	-	-	-	-	0	9	-	-	2.15	-	-	-	
	Pickering ...	99	44	6.0	-0.5	2.7	-	11.7	22	-6.4	20	-	-	53	-	10	28	17	15	7	8	0	5	0	1	17	23	0	-	-	-	-	
	Whitby ...	99	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Scarborough †	99	36	6.9	1.9	4.4	-0.9	11.1	1,5,23	-2.8	8,9	5.4	7.4	48	77	10	28	14	11	3	2	1	0	0	0	8	12	0	1.48	124	-	-	
	Silpho Moor ...	99	203	6.0	-0.1	2.9	-	11.1	4	-5.6	8	3.2	-	76	94	21	25	19	14	5	3	1	1	0	1	17	23	0	2.34	-	-	-	
	Whitby C'Guard	21-9	63	6.8	2.6	4.7	-	12.0	1,23	-4.0	20	-	-	32	-	6	8	14	10	3	0	2	0	0	0	0	8	13	13	-	-	-	-
	High Mowthorpe	99	175	4.9	0.2	2.5	-	11.1	22	-5.6	8	3.5	-	45	60	(10)	9	6	6	-	-	-	-	-	-	1	15	23	-	1.86	-	-	-
Lincoln	Hull ... †	99	2	6.6	1.2	3.9	-1.0	12.2	22,23	-3.9	8,18,21	4.1	8.6	36	63	7	9	16	13	4	2	0	0	0	2	14	22	0	1.58	152	-	-	
	Leconfield ...	21-9	7	6.2	1.8	4.0	-	12.6	23	-5.0	20	-	-	45	-	14	9	16	10	7	3	3	3	0	2	9	21	0	1.95	-	-	-	
	Filey ...	99	37	6.5	0.6	3.5	-	11.7	22	-3.9	20,21	-	-	48	71	9	9	19	13	4	6	2	1	0	0	13	18	0	-	-	-	-	
	Bridlington ...	99	48	6.1	0.7	3.4	-	11.7	22	-4.4	8	-	-	51	74	13	25	20	13	5	3	0	4	0	1	11	17	0	2.14	-	-	-	
	Kilnsea ...	21-9	12	6.1	2.1	4.1	-	11.5	23	-5.0	8	-	-	47	-	10	9	18	12	5	0	4	0	0	4	10	-	6	1.81	-	-	-	
	Waddington ...	21-9	68	5.8	1.8	3.8	-0.4	12.2	23	-4.5	8	-	-	44	-	8	5	15	12	8	3	0	1	0	3	12	14	0	1.76	-	-	-	
	Lincoln ... †	99	7	5.7	0.8	3.3	-	12.2	22,23	-8.3	20	4.4	6.6	46	90	8	5	16	13	3	2	0	0	0	4	18	21	0	1.61	-	-	-	
	Cranwell †	99	62	6.2	1.0	3.6	-0.6	12.6	22	-4.4	8,11	4.1	6.6	44	90	11	5	14	10	6	3	0	0	0	3	12	17	0	2.22	141	-	-	
	Brigg ...	99	3	6.2	0.0	3.1	-	12.8	22,23	-7.8	20	-	-	47	-	7	24	16	11	4	3	0	0	0	4	15	19	0	-	-	-	-	
	Caistor ...	99	30	-	-	-	-	-	-	-	-	-	-	49	-	11	9	(17)	(11)	-	-	-	-	-	-	-	-	-	-	-	-	-	
3 ENGLAND, E.	Binbrook ...	21-9	108	5.1	1.3	3.2	-	11.5	23	-5.0	8	-	-	52	-	7	5	17	14	8	3	0	5	0	2	14	17	2	-	-	-	-	
	Cleethorpes ...	99	7	(6.3)	1.4	3.9	(-0.9)	11.7	4,22,23	-3.9	8	-	-	45	87	11	9	12	11	-	-	-	-	-	3	12	21	-	1.94	136	-	-	
	Manby ...	21-9	17	6.1	1.6	3.9	-	12.2	23	-4.2	8,11	4.5	-	48	91	10	25	13	10	6	3	0	3	0	3	10	21	0	2.04	-	-	-	
	Skegness ...	99	5	6.3	0.6	3.5	-1.2	12.8	22,23	-5.6	8,9	-	-	-	-	-	-	-	-	-	-	-	-	-	1	15	20	0	2.15	144	-	-	
	Norfolk	Terrington St. Cl.	99	4	5.7	0.6	3.1	-	12.8	22,23	-6.7	11	4.4	-	45	102	7	5	17	13	3	3	0	0	0	6	15	18	0	2.09	-	-	-
	Santon Downham	99	24	6.2	-0.5	2.9	-	12.8	22,23	-11.1	8	4.8	7.0	61	109	9	25	20	12	-	4	-	-	-	-	16	21	-	1.73	-	-	-	
	West Raynham ...	21-9	76	5.5	1.3	3.4	-0.8	12.4	23	-5.6	20	-	-	76	125	14	10	18	13	8	3	1	3	0	5	14	17	0	2.14	-	-	-	
	East Dereham ...	99	58	6.2	1.1	3.7	-	12.6	22	-5.0	8	-	-	58	-	8	22	18	13	7	4	1	1	0	8	12	15	5	-	-	-	-	
	Cromer ...	99	54	6.4	1.8	4.1	-0.9	12.2	22	-4.4	21	-	-	63	97	11	5	16	13	-	0	-	-	-	0	7	15	-	-	-	-	-	
Sprowston †	99	28	6.2	1.4	3.8	-0.8	13.3	22,23	-3.9	8,9,20	5.2	-	49	84	7	22	19	12	6	3	2	0	0	-	11	19	-	1.65	119	-	-		
Coltishall ...	21-9	17	6.4	2.0	4.2	-	13.5	23	-4.6	20	-	-	55	-	7	22	22	15	1	2	4	1	2	10	19	0	-	-	-	-	-		



DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Date	Precip'n				Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					A Max.	B Min.			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER

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DISTRICT, COUNTY AND PLACE			Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					MEANS OF		Mean Temperature (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a DAY Amount (mm.)	Date	Precip'n 0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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5 ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER

1967

DISTRICT, COUNTY AND PLACE		Max. Temp. hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days												BRIGHT SUNSHINE				
				MEANS OF		Mean Temperatures (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day Amount (mm.)	Date	Precip'n			Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				A Max.	B Min.			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more	Snow or Sleet													
7a ENGLAND, N.W.—cont.																																	
Lancashire —cont.	Grizedale	99	91	6.8	-0.6	8.1	-	10.6	4.5	-7.2	20	-	-	124	-	26	22	20	15	2	1	0	0	0	1	17	25	0	-	-	-	-	
	Speke	21-9	22	7.1	2.9	5.0	-	12.7	22	-5.5	20	-	-	60	83	8	30	19	16	5	4	0	5	0	2	10	12	0	-	-	-	-	
	Kirkham	99	24	7.0	1.3	4.1	-	11.1	22	-6.7	20	-	-	53	60	9	24	14	14	2	0	0	0	0	2	12	20	0	1.94	-	-	-	
	Garstang	99	21	(7.3)	(1.2)	(4.3)	-	12.2	25	-6.1	9	-	-	60	67	11	22	16	13	-	2	-	-	3	13	18	-	2.10	-	-	-	-	
	Morecambe	99	7	6.4	2.1	4.3	-0.7	10.6	22	-3.9	9,20	-	-	72	78	13	22	17	13	2	1	0	1	0	1	8	-	2.00	172	-	-	-	
	Penketh	99	15	6.9	1.5	4.2	-	12.8	22	-6.7	20	5.7	7.4	62	-	8	24	15	14	-	0	-	-	4	11	15	-	1.66	-	-	-	-	
	Preston	99	33	6.9	1.6	4.3	-	12.2	22	-5.6	9	-	-	64	70	10	24	19	16	4	2	1	1	0	5	11	16	0	-	-	-	-	
	Stonyhurst	99	115	(6.6)	(1.1)	(3.9)	-0.4	11.7	5	-5.6	20	-	-	106	94	18	22	19	15	-	1	-	-	-	4	15	16	-	1.67	153	-	-	-
	Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore	99	260	5.1	0.7	2.9	-	10.6	22	-5.6	9	-	-	123	88	22	27	21	17	-	6	-	-	-	5	13	20	-	1.72	-	-	-	-
	Burnley	99	200	5.6	0.7	3.1	-	11.1	22	-6.1	8,17	4.4	6.8	90	-	17	27	24	13	6	3	0	0	0	5	14	19	0	1.71	-	-	-	-
	Nelson	99	165	5.6	0.7	3.1	-	11.3	22	-7.2	18	3.6	6.7	82	77	14	22	19	13	-	6	-	-	-	5	13	18	-	1.21	-	-	-	-
	Rochdale	99	110	6.3	1.0	3.7	-	11.7	22	-5.6	20	-	-	89	82	17	22	18	14	5	3	0	0	0	6	13	19	0	-	-	-	-	-
	Cheshire	West Kirby Park	99	8	7.7	2.7	5.2	-	12.2	23	-4.4	20	-	-	63	-	8	7	19	15	-	0	-	-	-	-	10	10	-	1.71	-	-	-
Bidston		99	60	7.1	3.5	5.3	0.0	12.8	22	-2.8	8,9	-	-	46	69	8	24	17	15	-	-	-	-	2	5	9	-	1.97	155	-	-	-	
Ness Gardens		99	55	7.2	1.6	4.4	-	13.3	22	-7.2	9	-	-	69	-	8	30	20	16	-	-	-	-	9	20	-	-	-	-	-	-	-	
Winnington		99	20	7.4	1.9	4.7	-	12.8	22	-5.6	20	-	-	63	91	10	22	18	14	4	4	1	0	1	4	11	15	0	-	-	-	-	-
Knutsford		99	65	6.7	1.1	3.9	-	12.1	22	-6.1	20	4.3	7.3	69	92	12	22	17	13	-	2	-	-	-	12	-	-	-	-	-	-	-	
Ringway		21-9	76	6.5	2.4	4.5	0.0	12.5	22	-5.6	20	-	-	62	89	14	22	16	12	6	2	2	1	1	2	10	13	0	1.82	178	-	-	-
Macclesfield	99	152	5.8	0.9	3.3	-0.7	11.7	22	-6.1	9	-	-	77	96	17	24	17	12	5	5	0	0	0	1	12	-	0	-	-	-	-	-	
7b NORTH WALES																																	
Flint	Rhyl	99	9	8.2	3.6	5.9	-0.1	13.3	22	-3.3	11,20	-	-	82	130	14	7	16	14	3	3	0	5	0	1	6	6	0	1.15	86	-	-	-
	Prestatyn	99	4	8.1	3.6	5.9	-	13.3	22	-3.9	20	-	-	59	87	9	24	18	16	4	2	0	0	0	0	5	-	0	1.34	109	-	-	-
	Hawarden Bridge	99	5	8.1	2.5	5.3	+0.1	13.3	27	-7.8	8	-	-	89	110	9	7	19	14	4	4	0	3	0	1	9	-	0	-	-	-	-	-
Anglesey	Valley	21-9	10	8.1	5.1	6.6	-0.3	11.6	5	-2.2	9	-	-	81	90	12	31	20	15	5	4	4	0	0	0	6	7	6	1.86	134	-	-	-
	Denbigh	99	36	8.4	4.3	6.3	-0.2	13.9	22	-2.2	9	6.4	-	101	135	14	5	18	16	3	4	1	2	0	0	5	-	0	1.06	85	-	-	-
Caernarvon	Alwen	99	335	5.4	0.2	2.8	-	10.6	22	-9.4	20	-	-	132	138	33	22	24	20	-	-	-	-	-	-	14	18	-	-	-	-	-	-
	Ruthin	99	76	7.5	1.6	4.5	-	12.8	22	-11.1	9	-	-	93	-	16	22	19	14	-	4	-	-	-	0	10	-	-	1.34	-	-	-	-
	Loggerheads	99	210	6.2	1.1	3.7	-	11.7	22	-10.6	10	4.8	6.7	120	-	20	24	21	17	8	5	0	1	0	1	10	13	0	1.03	-	-	-	-
	Bwlchgwyn	99	386	5.3	0.5	2.9	-	10.6	22,23	-7.8	10,11	4.8	-	132	123	18	22	21	19	7	7	0	0	0	2	13	18	0	-	-	-	-	-
	Wrexham	99	84	7.9	(2.1)	(5.0)	-	12.8	5,27	-9.4	9	5.5	7.3	86	125	12	7	16	13	5	4	1	0	0	2	9	14	0	-	-	-	-	-
	Bardsey Island	21-9	18	8.5	6.1	7.3	-	11.7	1	-1.3	9	-	-	78	-	13	31	17	16	-	1	-	-	-	0	2	3	-	-	-	-	-	-
	Botwnnog	99	34	8.3	4.1	6.2	-	11.7	22	-1.7	9	6.7	8.7	89	-	13	31	20	16	3	1	3	2	0	0	6	11	0	1.87	-	-	-	-
	Bryn Adda	99	84	7.4	3.2	5.3	-	11.7	22	-2.2	9,10	-	-	156	126	21	7	20	16	5	4	0	4	0	0	8	16	0	1.11	-	-	-	-
	Aber	99	18	8.4	3.9	6.1	-0.7	12.2	20	-2.2	9	-	-	161	148	32	8	21	15	5	4	3	0	0	0	7	10	0	0.46	78	S	-	-
	Llandudno	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Merioneth	Trawsfynydd	99	186	-	-	-	-	-	-	-	-	-	-	188	-	25	22	24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	289	115	61	22	28	26	-	-	-	-	-	-	-	-	-	-	-	-	-	S
Montgomery	Corwen	99	144	6.6	0.6	3.6	-	12.8	22	-13.3	10	-	-	128	115	35	22	20	17	5	8	0	2	0	-	12	9	0	-	-	-	-	S
	Ceinws	99	61	7.3	1.6	4.5	-	12.8	1	-8.3	9	-	-	269	-	62	22	23	20	-	-	-	-	-	5	10	14	-	-	-	-	-	-
	Lake Vyrnwy	99	303	5.6	1.2	3.4	-	11.1	22	-6.1	9	4.8	-	190	104	55	22	25	18	8	8	0	0	0	2	10	19	0	-	-	-	-	-
8a SOUTH WALES																																	
Cardigan	Aberporth	21-9	133	7.6	4.8	6.2	0.0	12.0	22	-1.4	17	-	-	65	57	13	22	21	15	4	1	6	2	0	1	6	8	6	1.21	-	-	-	-
	Aberystwyth	99	138	7.1	2.5	4.8	-1.0	11.7	22	-5.0	9,10	-	-	127	109	34	18	23	19	5	4	1	0	0	2	10	14	0	1.50	99	S	-	-
	Frongoch	99	31	8.2	2.4	5.3	-	12.8	22	-7.8	10	-	-	118	117	29	18	23	18	4	4	3	0	0	1	9	13	0	1.43	-	-	-	-
	Gogerddan	99	165	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Swyddfynnon	99	61	7.4	1.7	4.5	-	12.8	22	-11.1	9	7.1	-	183	148	27	18	22	19	4	4	0	0	0	0	9	16	0	1.17	-	-	-	S
	Trawscoed	99	290	6.4	2.0	4.2	-	11.1	22	-6.1	9	-	-	165	117	28	18	24	22	4	5	3	0	0	2	11	14	0	1.44	109	-	-	-
	Llety-evan-hen	99	301	6.3	1.4	3.9	-	13.3	23	-8.9	9	-	-	278	-	35	22	22	21	6	8												



TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER

1967

DISTRICT, COUNTY AND PLACE		Max. Terrestrial hr. GMT Min.	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Mean Temperatures (mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-20 average	Most in a day Amount (mm.)	Date	Precip'n 0.2 mm. or more 1.0 mm. or more	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
				A Max.	B Min.			Maximum	Date	Minimum	Date																							
														30 cm.	122 cm.																			
8b ENGLAND, S.W. - cont.																																		
Devon	Plymouth, The Hoe	9 9	36	9.1	4.1	6.6	-0.3	12.2	1,22	-5.6	11	7.4	9.3	84	74	26	18	22	15	3	1	0	0	0	2	7	13	1	1.67	96	-	-		
	Tavistock ...	9 9	139	8.2	2.8	5.5	-0.4	13.3	1	-4.4	9	-	-	115	-	29	18	22	21	2	-	1	0	0	1	9	15	0	-	-	-	-		
—cont.	Chivenor ...	21-9	6	8.7	4.9	6.8	-0.3	13.2	22	-3.1	11	-	-	84	82	28	18	20	16	4	1	5	1	0	0	8	9	2	1.55	-	-	-		
	Ilfracombe ...	9 9	8	9.4	5.7	7.5	+0.1	13.3	22	-0.6	11	7.6	10.4	85	77	26	18	16	12	0	0	0	0	0	1	7	1	1.48	110	-	-	-		
	Princetown ...	9 9	414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes ...	9 9	37	9.1	2.9	6.0	-	12.8	22	-8.3	11	7.3	9.6	89	62	28	22	18	13	2	5	0	0	0	1	10	16	0	1.94	-	-	-		
	Slapton ...	9 9	32	8.8	4.1	6.5	-	12.8	22	-3.9	10	-	-	79	-	28	18	18	7	3	5	0	1	0	2	5	11	0	-	-	-	-		
	Newton Abbot ...	9 9	83	8.5	3.6	6.1	0.0	12.8	23	-3.3	10,11,17	-	-	63	53	16	22	20	12	3	4	0	0	0	1	8	11	0	2.33	128	-	-		
	Paignton ...	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Torquay ...	9 9	8	9.3	4.2	6.7	-0.1	13.3	22	-2.7	11	-	9.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Teignmouth ...	9 9	6	9.3	4.4	6.9	-0.2	13.3	22	-2.8	9	-	-	45	46	10	18	19	10	3	4	0	0	0	1	6	-	0	2.25	120	-	-	-	
	Starcross ...	9 9	9	9.1	3.4	6.3	-	13.9	22,23	-6.1	11	6.6	-	60	63	20	18	18	12	5	4	2	0	0	0	9	13	2	1.90	-	-	-	-	
	Exmouth ...	9 9	59	8.4	3.3	5.9	-0.2	13.3	22	-3.9	9	-	-	55	59	16	18	16	11	5	4	1	0	0	1	9	-	1	2.07	110	-	-	-	
	Exeter ...	21-9	32	8.0	3.6	5.8	-	13.9	22	-6.8	11	-	-	60	64	19	18	16	12	4	1	3	0	2	9	13	3	1.68	-	-	-	-		
Cornwall	Sidmouth ...	9 9	8	9.1	3.4	6.3	-0.2	13.9	22,23	-3.9	9	-	-	66	76	25	18	16	13	-	4	-	-	-	0	9	13	-	1.85	99	-	-	-	
	Scilly ...	21-9	48	9.6	7.3	8.5	-0.1	12.7	2	2.0	9	-	-	72	81	22	18	23	14	2	0	1	1	0	3	0	0	0	1.52	83	-	-	-	
	Penzance ...	9 9	19	10.2	5.8	8.0	0.0	13.3	1	-1.1	11	-	-	114	93	30	18	22	20	1	1	6	0	0	0	3	9	4	1.38	75	-	-	-	
	Gulval ...	9 9	15	9.8	5.7	7.7	-0.1	12.8	1,21,22	-1.1	9	-	-	107	91	32	18	24	19	-	-	-	-	-	0	2	6	-	1.42	82	-	-	-	
	Culdrose ...	9 9	82	9.1	4.6	6.9	-	12.2	1,22	-2.8	10	-	-	99	93	26	18	24	17	2	4	4	0	0	2	4	9	2	1.45	-	-	-	-	
	Rosewarne ...	9 9	76	9.3	5.6	7.5	-	12.8	22	-0.6	10,11	7.3	9.0	99	88	27	18	26	17	4	1	4	0	1	4	3	8	3	1.11	-	-	-	-	
	Lizard ...	9 9	73	9.4	5.1	7.3	-0.7	12.4	1	-3.1	10	-	-	74	75	17	18	25	15	3	2	1	2	0	-	2	-	7	1.55	-	-	-	-	
	Falmouth ...	9 9	51	9.4	4.9	7.1	-0.4	12.8	1,22	-1.1	11	-	-	95	71	27	18	24	17	2	0	0	0	0	0	3	7	0	1.48	81	-	-	-	
	Newquay ...	9 9	54	9.5	5.7	7.6	+0.4	12.8	22	-0.6	11,17	-	-	84	87	21	18	21	15	1	-	2	1	0	-	2	-	2	1.18	68	-	-	-	
	St. Mawgan ...	21-9	103	8.8	5.4	7.1	-	13.2	1,22	-1.0	8,17	-	-	98	86	25	18	21	17	2	0	5	1	3	3	7	0	1.27	-	-	-	-	-	
	St. Austell ...	9 9	94	8.9	4.2	6.5	-	13.3	1	-2.2	9	-	-	123	86	26	18	25	20	1	3	0	0	0	0	5	-	0	-	-	-	-	-	
	Fowey ...	9 9	40	9.4	4.3	6.9	-0.5	13.9	1	-3.3	11	-	-	94	-	21	18	21	17	2	3	3	0	0	-	6	-	6	-	-	-	-	-	
	Bude ...	9 9	15	9.4	4.4	6.9	0.0	13.3	1	-3.3	11	5.9	-	102	105	30	18	20	18	-	0	-	-	-	6	-	-	-	-	-	-	-	-	
	Ellbridge ...	9 9	58	8.8	3.4	6.1	0.0	13.3	22	-2.8	9,11,18	-	-	94	75	26	18	22	16	0	4	0	1	0	2	8	13	0	1.61	88	-	-	-	
9 NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	174	6.6	2.1	4.3	-	12.2	1	-5.0	9,20	-	-	143	-	19	31	27	23	7	5	0	0	1	2	8	15	0	-	-	-	-	-	
	Ballykelly ...	21-9	2	7.8	4.1	5.9	+0.3	13.4	22	-5.0	20	6.3	8.4	118	126	23	22	21	18	9	5	3	5	0	0	6	10	1	1.22	97	-	-	-	
	Derrynoyd Forest	9 9	88	7.3	2.7	5.0	-	12.2	1,2	-4.4	9,20	-	-	152	-	22	8	24	18	6	6	1	0	0	1	8	15	0	-	-	-	-	-	
	Somerset Forest	9 9	43	7.8	2.9	5.3	-	12.2	22	-5.0	20	-	-	147	-	21	22	24	23	4	1	0	0	0	7	12	0	-	-	-	-	-	-	
	Garvagh Forest	9 9	91	7.2	2.7	4.9	-	12.8	22	-4.4	20	5.8	8.4	150	-	18	7	26	22	7	5	3	0	2	1	7	11	0	-	-	-	-	-	
	Moneydig ...	21-9	34	7.2	3.3	5.3	+0.4	13.2	22	-5.7	20	6.1	-	123	111	15	7	23	21	10	5	9	2	2	2	8	13	1	-	-	-	-	-	
Antrim	Portrush ...	-	9	-	-	-	-	-	-	-	-	-	-	124	131	21	7	23	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ballymoney ...	9 9	55	7.7	2.8	5.3	-	12.2	1	-3.3	9	-	-	131	-	16	6	25	21	4	-	0	2	0	0	5	-	0	-	-	-	-	-	
	Lisnafillan ...	9 9	38	7.5	1.3	4.4	-	12.8	22	-12.2	9	-	-	100	-	15	31	26	20	4	5	0	0	0	1	11	14	0	1.35	-	-	-	-	
	Aldergrove ...	21-9	69	6.6	2.6	4.6	-0.3	12.3	23	-10.2	9	5.4	8.2	95	96	13	7	22	15	9	5	5	0	0	4	9	13	0	1.41	127	-	-	-	
	Greenmount ...	9 9	32	7.1	1.6	4.3	-	12.8	22	-11.1	9	5.5	-	89	-	13	31	23	16	4	5	0	0	-	11	16	-	-	-	-	-	-	-	
	Altnahinch ...	9 9	226	6.1	2.1	4.1	-	12.8	1	-6.1	9	-	-	172	-	18	10	25	23	8	8	1	0	0	9	10	17	5	0.97	-	-	-	-	-
	Parkmore Forest	9 9	235	5.9	1.6	3.7	-	12.2	1	-7.2	9	5.2	-	199	-	23	24	24	21	5	8	0	0	0	1	9	18	2	-	-	-	-	-	-
	Black Mountain	21-9	295	4.9	1.0	2.9	-	11.4	22	-4.4	9	-	-	120	-	21	8	25	15	8	4	0	0	0	10	15	-	1	-	-	-	-	-	
	Lowtown ...	9 9	271	5.3	1.2	3.9	-	11.1	22	-7.2	9	5.1	-	147	-	16	24	25	21	5	6	0	0	0	8	13	18	0	1.14	-	-	-	-	-
	Ballypatrick Forest	9 9	152	6.9	2.6	4.7	-	13.3	1	-3.3	9	-	-	145	-	16	15	25	22	3	3	4	0	0	0	8	10	1	1.09	-	-	-	-	-
	Newtownabbey ...	9 9	32	7.9	3.6	5.7	-	13.9	22	-3.9	9	6.2	-	90	-	12	31	20	17	6	5	1	1	0	0	7	11	2	1.55	-	-	-	-	-
	Larne ...	9 9	43	8.0	3.2	5.6	-	12.8	1,22	-1.7	9,20	-	-	96	83	15	7	20	19	5	6	1	0	0	0	4	-	0	-	-	-	-	-	-
Down	Kilroot ...	9 9	22	7.9	2.9	5.4	-	13.3	22	-2.2	9,20	-	-	84	-	16	7	19	17	5	5	0	0	0	0	7	14	1	-	-	-	-	-	-
	Newry Abbey ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Hillsborough ...	9 9	116	6.9	2.3	4.6	-0.2	12.8	22	-6.7	9	5.9	7.4	85	92	16	31	21	17	3	6	0	0	0	2	8	12	0	1.35	113	-	-	-	-
	Kilkeel ...	21-9	18	7.5	3.8	5.7	-	12.4	22	-3.8	9	-	-	66	-	15	31	19	12	4	2	0	0	0	0	5	12	0	1.92	-	-	-	-	-
	Tollymore Park	9 9	76	7.9	2.8	5.3	-	13.3	22	-5.6	9	-	-	73	50	13	31	20	15	3	4	0	0	0	0	8	17	0	-	-	-	-	-	-
	Rosetta ...																																	

(-) † ¶ § € S See Notes on Tables in the Introduction

\* Sunshine figures are for Cross Island



TABLE IV

## —SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION															
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BRAUFOUR FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	22-33	11-41	1-10	0									
																										Number of Observations													
0 SCOTLAND, N.																																							
Zetland Lerwick	83m.	3	1007.1	-	3.6	0.5	7.3	90	6.4	0	2	6	8	13	2	0	1	0	1	0	0	13	5	10	1	1	9	13	8	0	7	0	1	0	3	2	12	6	
		9	1007.2	+1.5	3.5	0.6	7.3	90	6.6	0	1	7	7	16	0	0	0	1	1	1	1	1	9	7	6	5	3	7	12	7	2	10	1	0	0	0	4	10	4
		15	1007.6	-	3.5	0.6	7.2	88	7.0	0	1	3	13	12	2	0	1	1	1	0	1	10	5	8	4	3	9	12	7	0	5	1	0	0	0	4	10	10	
Orkney Kirkwall	26m.	21	1007.5	-	3.6	0.6	7.3	89	6.1	0	5	4	10	11	1	0	1	0	1	0	2	9	7	11	0	3	8	14	6	0	10	0	0	0	2	5	5	9	
		3	1010.0	-	4.6	0.8	7.5	86	6.2	0	5	2	12	12	0	0	0	0	0	0	2	4	9	14	2	3	9	13	6	0	11	0	0	0	3	6	10	1	
		9	1010.1	+4.0	4.4	0.8	7.5	87	6.5	0	1	6	15	9	0	0	0	0	0	0	1	4	9	16	1	5	7	10	8	1	6	1	0	0	4	3	10	6	
Caithness Wick	37m.	15	1010.5	-	4.7	0.8	7.6	86	6.4	0	0	8	17	6	0	0	0	0	0	0	1	5	8	14	3	3	9	12	7	0	6	0	0	0	4	3	11	7	
		21	1010.5	-	4.3	0.8	7.4	86	5.9	0	3	9	10	9	0	0	0	0	0	0	1	4	8	16	2	2	8	16	5	0	5	1	0	0	3	4	10	8	
		3	1010.8	-	3.7	0.5	7.4	90	6.1	0	2	8	12	8	1	0	1	0	0	0	0	2	12	14	2	1	4	14	12	0	4	0	0	1	5	3	13	5	
Sutherland Cape Wrath*	113m.	9	1011.0	+4.3	3.5	0.6	7.2	90	6.2	0	3	3	20	4	1	0	0	0	1	0	0	0	4	7	11	8	1	4	17	9	0	5	0	0	2	11	8		
		15	1011.1	-	4.2	0.8	7.4	87	6.0	0	1	8	18	4	0	0	0	0	0	0	0	6	8	8	9	1	6	12	12	0	3	0	0	4	3	14	7		
		21	1011.3	-	3.7	0.6	7.4	90	5.7	0	6	4	12	9	0	0	0	0	1	0	5	8	12	5	0	5	12	14	0	1	1	0	1	5	3	10	10		
Ross & Cromarty Stornoway	5m.	3	1010.3	-	5.3	0.8	7.9	87	6.4	0	2	8	6	14	1	0	1	0	0	0	0	1	3	14	12	4	14	8	4	1	6	1	0	0	1	9	7	6	
		9	1010.9	-	5.3	0.9	7.8	85	6.0	0	0	4	13	13	1	0	1	1	0	0	1	1	1	12	15	5	9	9	7	1	2	3	0	0	1	9	5	10	
		15	1011.3	-	5.3	0.7	8.1	89	7.1	0	0	2	15	9	5	0	1	1	3	0	1	0	3	6	16	3	11	8	9	0	4	1	0	0	10	4	12		
Inverness Benbecula	6m.	21	1010.8	-	5.1	0.7	8.0	89	6.6	0	0	9	6	13	3	0	1	1	1	0	0	0	2	9	17	4	9	11	7	0	8	0	1	1	11	6	4		
		3	1013.3	-	4.5	0.4	8.1	92	4.3	2	8	4	7	10	0	0	0	0	0	0	0	7	9	13	2	0	6	13	10	2	8	0	0	5	5	6	5		
		9	1013.9	+7.9	4.7	0.7	7.8	88	5.8	0	0	15	13	3	0	0	0	0	0	0	0	3	16	9	3	0	5	15	7	4	6	1	0	0	2	7	6	5	
Fife Leuchars	12m.	15	1013.9	-	5.2	0.6	8.2	90	6.2	0	2	5	18	6	0	0	0	0	0	0	2	6	10	9	4	1	5	12	12	1	5	0	0	0	4	7	5	9	
		21	1013.4	-	4.5	0.3	8.2	93	5.3	0	9	4	6	12	0	0	0	0	0	0	0	6	12	11	2	0	5	16	5	5	5	1	0	0	4	5	7	4	
		3	1014.3	-	5.5	0.8	8.1	87	6.0	0	4	6	11	10	0	0	0	0	0	0	2	6	14	3	3	10	11	6	1	9	0	0	0	4	7	6			
Angus Usan	35m.	9	1015.0	+8.7	5.4	0.9	7.9	85	5.9	0	2	11	11	6	1	0	0	0	1	2	4	1	5	11	7	1	6	19	4	1	6	2	0	0	3	6	7	6	
		15	1015.0	-	5.8	1.0	8.1	85	6.3	0	0	7	20	4	0	0	0	0	1	3	3	6	9	8	1	8	16	5	1	5	2	2	0	3	8	5	5		
		21	1014.4	-	5.4	0.7	8.1	87	5.7	0	5	6	10	9	1	0	0	0	1	1	2	4	6	10	7	0	10	14	6	1	5	2	0	2	5	3	7	6	
1 SCOTLAND, E.																																							
Moray Kinloss	6m.	3	1012.9	-	4.6	0.9	7.5	85	6.0	1	1	8	12	9	0	0	0	0	0	0	0	6	10	15	0	6	16	9	0	1	0	0	1	3	14	6	6		
		9	1013.1	+5.7	4.5	1.0	7.3	84	6.3	0	1	7	19	3	1	0	0	0	1	0	0	1	4	10	15	0	5	18	8	0	1	0	0	1	15	8	6		
		15	1013.2	-	5.4	1.4	7.3	79	6.1	0	2	6	20	3	0	0	0	0	0	0	0	2	1	8	20	1	5	15	10	0	2	0	0	0	1	15	8	5	
Aberdeen Dyce	59m.	21	1013.2	-	4.7	1.0	7.4	84	5.9	0	4	6	11	10	0	0	0	0	0	0	0	5	6	10	10	0	5	16	10	0	1	0	0	2	13	10	5		
		3	1011.8	-	3.3	0.9	6.7	85	5.3	2	3	6	14	6	0	0	0	0	0	1	1	7	8	7	7	0	3	14	11	3	1	1	0	0	3	6	7	10	
		9	1011.8	+3.3	3.1	0.9	6.6	85	5.4	0	8	2	19	2	0	0	0	0	0	1	4	14	5	7	0	3	18	5	5	1	0	1	0	3	9	12			
Fife Leuchars	12m.	15	1011.9	-	4.5	1.3	6.9	79	5.4	0	1	16	12	2	0	0	0	0	0	1	6	11	7	6	0	2	19	8	2	0	0	0	2	1	4	10	12		
		21	1012.2	-	3.3	1.1	6.4	81	5.1	0	8	7	13	3	0	0	0	0	0	3	5	12	7	4	0	2	16	9	4	2	0	0	0	3	4	9	9		
		3	1012.2	-	4.4	1.0	7.2	83	4.4	2	8	6	8	7	0	0	0	0	0	0	3	3	6	19	0	2	12	17	0	6	0	1	0	1	6	13	4		
Angus Usan	35m.	9	1012.1	-	3.9	1.2	6.7	80	5.0	0	7	9	9	6	0	0	0	0	0	0	0	6	11	14	0	3	15	11	2	6	0	0	0	2	13	8			
		15	1012.4	-	5.3	1.5	7.1	76	4.2	0	11	8	9	3	0	0	0	0	0	0	2	4	10	15	0	1	20	8	2	9	0	0	0	1	4	11	4		
		21	1012.7	-	4.1	1.2	6.7	79	4.4	4	6	8	6	7	0	0	0	0	0	0	0	2	5	9	15	0	1	16	13	1	4	0	0	1	7	11	7		
Fife Leuchars	12m.	3	1013.2	-	4.3	1.0	7.3	83	5.0	2	8	2	10	9	0	0	0	0	0	0	5	3	10	13	0	4	17	9	1	2	0	0	0	0	13	11	4		
		9	1013.3	+4.2	3.8	0.9	7.1	84	5.3	0	7	4	16	4	0	0	0	0	0	0	4	5	7	15	0	1	22	8	0	2	0	0	0	0	13	14	2		
		15	1013.5	-	5.3	1.4	7.3	78	4.8	0	11	5	12	3	0	0	0	0	0	1	2	5	11	12	0	1	19	11	0	0	0	0	0	0	16	7	8		
Midlothian Turnhouse	44m.	21	1013.7	-	3.7	1.0	7.0	83	4.8	2	8	5	10	6	0	0	0	0	0	1	4	6	12	8	0	3	17	9	2	2	0	0	0	9	17	8	2		
		3	1014.9	-	3.9	0.9	7.3	84	5.1	4	5	8	9	0	0	0	0	0	1	5	16	8	1	0	2	13	14	2	0	0	0	0	1	15	11	2			
		9	1015.0	+5.4	3.4	1.0	6.9	83	5.7	0	3	9	14	5	0	0	0	0	0	0	4	16	8	3	0	1	14	12	4	0	0	0	0	17	8	2			
Argyll Tiree	10m.	15	1015.0	-	5.5	1.5	7.2	76	5.4	0	5	8	14	4	0	0	0	0	0	1	7	13	2	8	0														



TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktaa)					VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-30 m.	40-100 m.	200-300 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Northumberland Acklington	3	1014.5	-	4.0	0.9	7.3	86	4.9	3	6	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

DECEMBER

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										SPEED IN KNOTS													
																										8 or more	6-7	4-5	1-3	Calm									
																										22-33	11-21	1-10	0										
Number of Observations																																							
4 MIDLAND COUNTIES —cont.																																							
Finningley	14m.	8	1016.9	-	4.1	0.9	7.2	84	5.5	6	2	1	10	11	1	0	0	1	1	1	4	10	10	4	0	0	1	11	18	1	5	0	0	0	2	4	10	9	
		9	1016.7	+4.3	4.0	0.9	7.2	85	5.3	1	7	4	11	7	1	0	1	1	1	3	0	13	9	3	0	0	1	14	11	5	4	0	0	0	0	6	10	6	
		15	1016.1	-	5.9	1.3	7.7	80	5.4	1	7	1	18	6	0	0	0	0	0	2	4	5	10	7	2	1	0	1	19	6	5	7	0	0	0	1	2	7	9
Northampton Wittering	67m.	3	1017.6	-	3.3	0.6	7.2	89	5.4	6	2	4	14	1	0	1	0	0	0	4	5	10	8	3	0	0	0	16	14	1	3	1	0	0	0	1	3	13	9
		9	1017.5	+4.1	3.0	0.6	7.0	88	5.3	0	6	8	11	5	1	0	2	0	1	2	3	8	7	8	0	0	0	19	10	2	3	0	0	0	1	5	12	8	
		15	1016.9	-	5.3	1.1	7.6	82	5.7	0	6	6	7	12	0	0	0	0	1	1	4	16	5	4	0	0	0	17	12	2	6	1	0	0	1	4	11	6	
Warwick Edgbaston	165m.	3	1017.3	-	3.6	0.7	7.2	87	5.0	5	3	6	6	10	1	0	1	0	1	4	5	14	4	2	0	0	0	19	11	1	3	1	0	0	0	1	3	15	7
		9	1019.2	+5.6	3.6	0.7	7.2	87	5.8	1	2	8	13	7	0	0	0	0	1	2	9	13	3	3	0	0	0	12	19	0	2	1	0	0	1	4	6	10	7
		15	1018.5	-	5.3	1.3	7.4	80	5.2	2	5	4	15	5	0	0	0	0	0	4	5	15	7	0	0	0	0	16	15	0	1	1	0	0	5	5	7	12	
Elmdon	110m.	3	1019.1	-	4.3	0.8	7.5	87	4.5	5	7	3	7	9	0	0	0	0	0	1	6	4	7	8	5	0	0	0	14	17	0	3	1	0	1	2	4	13	7
		9	1018.7	-	3.8	0.7	7.3	87	6.2	2	3	2	7	16	1	0	0	1	1	5	9	9	4	2	0	0	0	12	13	6	3	1	0	0	1	8	3	9	
		15	1018.7	-	3.4	0.8	7.1	86	5.8	0	6	3	15	7	0	0	0	0	0	2	11	11	7	0	0	0	2	10	15	4	2	1	0	0	1	6	5	12	
Shropshire Shawbury	76m.	3	1018.0	-	5.4	1.4	7.3	78	5.6	0	5	5	16	5	0	0	0	0	0	2	12	12	5	0	0	0	0	21	9	1	4	0	0	0	2	7	6	11	
		9	1018.5	-	3.9	0.7	7.4	87	4.6	7	4	3	7	10	0	0	0	0	0	1	10	9	9	2	0	0	0	11	18	2	3	0	0	0	1	2	5	11	7
		15	1018.7	-	4.0	0.7	7.5	89	6.1	3	1	5	8	14	0	0	1	1	2	2	1	3	7	10	4	0	0	10	18	3	5	0	1	1	2	3	11	5	
Worcester Persore	36m.	3	1018.7	-	3.8	0.7	7.4	88	6.1	0	5	3	16	5	2	1	0	0	0	3	3	8	14	1	0	2	9	16	4	1	1	0	0	3	3	9	10	11	
		9	1018.1	-	5.5	1.0	7.8	83	5.5	0	8	3	11	9	0	0	0	0	3	0	2	5	8	7	6	0	1	12	17	1	5	0	1	0	2	2	9	11	
		15	1018.6	-	4.1	0.7	7.5	88	5.7	3	4	3	10	11	0	0	0	2	1	1	3	7	4	11	2	0	0	7	20	4	3	0	1	0	1	6	11	5	
Hereford Ross-on-Wye	69m.	3	1019.1	-	3.6	0.7	7.3	88	6.2	0	4	4	14	8	1	0	0	1	2	2	3	4	13	4	2	0	1	9	17	4	6	1	0	0	1	9	7	3	
		9	1019.4	+5.6	4.0	0.7	7.5	88	6.3	0	5	2	11	12	1	0	1	0	2	2	1	6	3	15	1	0	0	4	22	5	3	3	1	0	0	7	8	4	
		15	1018.5	-	6.1	1.2	7.9	80	5.1	2	9	2	7	11	0	0	0	0	0	0	4	6	2	18	1	0	0	7	24	0	4	1	0	0	3	9	10	4	
Gloucester Filton	60m.	3	1019.2	-	4.6	0.9	7.5	85	4.8	4	8	2	6	11	0	0	0	1	0	1	1	10	2	16	0	0	0	5	21	5	3	1	0	0	1	12	8	1	
		9	1019.8	-	4.9	0.7	8.1	89	6.0	1	4	3	8	14	1	0	1	0	1	0	5	2	6	15	2	0	0	8	21	2	4	0	3	0	1	7	10	4	
		15	1019.8	+5.5	4.6	0.6	7.9	90	6.5	0	1	5	15	9	1	0	0	1	1	4	4	8	11	2	0	0	0	19	4	5	1	2	0	2	4	9	4		
Gloucester	24m.	3	1019.1	-	6.2	1.0	8.2	83	5.6	0	4	8	12	7	0	0	0	0	0	0	10	6	8	6	1	0	0	11	18	2	8	0	0	1	1	4	12	3	
		9	1019.8	-	5.1	0.7	8.0	87	5.1	4	4	8	2	13	0	0	0	0	2	6	9	12	2	0	0	0	8	18	5	3	2	0	0	1	5	11	4		
		15	1019.6	-	4.4	0.6	7.8	89	5.7	6	1	2	5	17	0	0	0	2	0	4	11	9	5	0	0	0	0	5	16	10	2	0	0	3	10	4	2		
Little Rissington	229m.	3	1019.7	-	4.5	0.7	7.9	89	6.2	0	2	6	12	7	4	0	1	1	5	0	4	5	4	9	2	0	0	6	17	8	5	4	0	0	7	4	3	3	
		9	1019.0	-	6.4	1.3	8.1	80	5.5	1	6	4	12	8	0	0	0	0	3	0	6	3	9	8	2	0	0	11	15	5	4	0	0	3	9	4	6		
		15	1019.6	-	4.8	0.8	7.8	87	4.9	6	3	5	5	12	0	0	0	0	1	7	4	10	6	3	0	0	0	6	19	6	1	0	0	1	4	10	7	2	
5 ENGLAND, S.E.	Greater London Heathrow	26m.	3	1019.0	-	3.7	0.6	7.4	89	5.7	3	5	2	4	15	2	0	1	1	0	4	0	9	10	4	2	0	10	18	3	6	0	0	1	5	9	7		
			9	1019.1	+5.0	3.4	0.6	7.2	89	6.3	0	3	4	15	8	1	0	2	0	2	0	2	8	10	4	3	0	1	10	16	4	9	1	0	0	4	10	3	
			15	1018.3	-	4.5	0.9	7.4	85	5.5	0	7	4	12	6	2	0	2	0	1	1	3	10	6	3	5	0	0	9	21	1	7	1	0	0	2	6	8	6
Surrey Gatwick	59m.	3	1019.0	-	3.5	0.5	7.5	90	5.7	3	0	8	14	1	0	2	0	0	3	5	12	7	2	0	0	0	6	21	4	2	1	0	1	1	9	8	5		
		9	1019.0	-	3.3	0.5	7.4	91	7.0	0	2	1	12	16	0	0	0	0	1	5	8	8	5	4	0	0	0	4	22	5	3	2	1	0	1	8	5	6	
		15	1018.1	-	5.7	1.1	7.8	81	5.9	0	4	8	9	10	0	0	0	2	3	3	13	7	3	0	0	0	0	7	23	1	5	2	0	0	2	5	9	7	
Kent Dungeness	13m.	3	1018.8	-	3.6	0.5	7.5	90	5.1	3	5	6	7	10	0	0	1	0	4	8	10	8	0	0	0	0	0	4	26	1	6	1	0	1	9	10	2		
		9	1018.3	-	3.9	0.6	7.6	90	4.9	7	4	3	2	15	0	0	0	0	3	2	18	4	4	0	0	0	3	11	17	0	14	1	0	3	3	9	0		
		15	1018.4	-	3.7	0.5	7.5	90	6.3	0	4	5	8	14	0	0	0	3	0	3	12	10	3	0	0	2	10	18	1	0	1	0	0	2	1	12	3		
Deal	10m.	3	1017.4	-	5.7	0.9	8.0	85	5.1	0	11	3	7	9	1	0	0	1	0	3	2	10	11	4	0	0	1	18	12	0	9	2	0	0	2	14	4		
		9	1017.9	-	4.4	0.7	7.7	89	5.5	6	1	5	2	17	0	0	0	0	2	3	14	5	7	0	0	0	16	15	0	10	1	0	0	1	4	9	6		



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

DECEMBER

1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Okta)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
			At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	Mean	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	BEAUFORT FORCE					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																										3 or more	4, 5	6, 7	8, 9	10									
																										0 or less	1-5	6-10	11-15	16-20									
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1016.7	-	3.4	0.6	7.3	89	5.4	3	5	3	8	12	0	0	0	0	0	0	4	10	8	9	0	0	3	7	13	8	0	0	1	0	0	9	10	3	
		9	1016.5	-	3.3	0.7	7.1	88	5.7	0	7	2	14	8	0	0	0	0	0	0	3	6	11	8	3	0	0	11	17	3	0	1	0	2	3	8	10	4	
		15	1016.2	-	5.4	1.2	7.5	80	5.6	0	5	6	13	7	0	0	0	0	0	0	4	8	13	6	0	0	2	8	17	4	3	0	0	1	6	14	3		
		21	1016.8	-	3.9	0.9	7.1	85	5.0	3	6	6	5	11	0	0	0	0	0	0	3	8	14	6	0	0	0	10	18	3	2	0	0	1	1	12	8	4	
Westmorland Great Dun Fell	—	3	-	-	-1.1	0.0	5.7	96	6.0	7	0	1	1	0	22	14	8	0	0	0	0	1	1	5	2	4	11	10	5	1	5	1	0	0	0	10	9	5	
		9	-	-	-1.2	0.1	5.7	97	6.0	4	1	5	1	0	20	2	18	0	0	0	1	0	1	8	1	3	11	14	2	1	5	1	0	0	1	8	9	6	
		15	-	-	-0.7	0.1	5.9	97	6.2	3	2	4	2	3	17	3	15	0	0	0	0	2	1	8	2	2	13	12	3	1	4	1	0	0	2	7	12	4	
		21	-	-	-1.4	0.1	5.5	96	6.4	5	0	1	4	0	21	11	10	0	0	0	0	0	4	5	1	1	10	16	2	2	6	1	0	0	8	11	3		
Lancashire Squires Gate	11m.	3	1017.6	-	4.5	0.7	7.7	88	5.8	0	4	8	7	12	0	0	0	0	0	1	3	7	8	4	0	0	3	13	11	4	5	1	2	2	2	1	10	4	
		9	1017.5	+5.6	4.6	0.9	7.6	86	6.1	0	5	2	14	9	1	0	1	0	2	2	3	7	7	2	0	0	3	16	12	0	6	1	4	1	0	4	8	7	
		15	1017.1	-	5.8	0.9	8.1	85	5.9	1	5	2	14	9	0	0	0	0	3	1	7	7	12	1	0	0	2	15	13	1	7	2	1	1	2	2	6	9	
		21	1017.6	-	4.7	0.7	7.8	88	5.7	3	4	3	5	16	0	0	0	0	1	1	7	10	11	1	0	0	0	15	14	2	6	3	2	1	0	3	6	8	
Speke	26m.	3	1018.1	-	4.9	0.9	7.8	87	6.3	1	2	3	12	13	0	0	0	2	3	0	5	11	8	2	0	0	1	10	13	7	3	1	0	1	1	3	8	7	
		9	1018.0	-	4.4	0.8	7.5	86	5.6	0	7	3	14	7	0	0	0	1	1	3	4	14	6	1	0	0	2	10	16	3	7	0	2	3	2	3	6	5	
		15	1017.6	-	6.1	1.2	8.0	82	5.4	0	7	5	14	5	0	0	0	0	1	1	5	10	11	3	0	0	2	16	10	3	9	0	2	1	2	2	6	8	
		21	1018.1	-	5.0	0.9	7.8	85	5.3	4	4	4	8	11	0	0	0	1	0	3	5	10	9	3	0	0	1	11	15	4	7	1	1	2	0	6	8		
Cheshire Ringway	76m.	3	1018.0	-	3.7	0.5	7.5	91	6.6	2	1	3	7	16	2	0	1	1	0	5	12	4	1	2	0	0	0	12	15	4	1	1	0	0	6	6	7	6	
		9	1017.9	+5.2	3.5	0.6	7.3	89	5.8	1	6	4	8	11	1	0	2	0	0	5	2	13	9	0	0	0	0	11	14	6	0	1	1	0	6	2	8	7	
		15	1017.3	-	5.4	1.1	7.7	83	5.7	0	5	5	15	5	1	0	0	0	2	3	8	14	4	0	0	0	0	12	19	0	0	1	0	1	6	3	10	10	
		21	1017.9	-	4.2	0.7	7.6	89	5.9	5	1	2	7	14	2	0	0	0	4	4	10	13	0	0	0	0	0	12	16	3	3	0	1	0	4	4	8	8	
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1019.0	-	6.3	0.9	8.5	87	6.6	0	5	2	7	16	1	0	0	0	1	0	4	4	10	10	2	1	10	9	9	2	6	2	0	1	3	5	7	5	
		9	1019.1	+7.4	6.3	1.0	8.3	84	6.6	0	1	5	16	9	0	0	0	0	0	1	2	5	5	14	4	0	9	16	6	0	5	2	3	0	3	4	5	9	
		15	1018.8	-	7.2	1.3	8.5	81	6.2	0	3	5	14	9	0	0	0	0	0	1	0	5	7	11	7	0	8	15	7	1	6	1	0	1	3	6	5	8	
		21	1019.0	-	6.5	0.9	8.5	85	6.7	0	1	6	5	18	1	0	0	0	0	0	3	5	9	10	4	1	9	12	6	3	3	1	2	0	2	4	9	7	
Caernarvon Bardsey Island	19m.	3	1019.1	-	7.5	0.7	9.4	89	6.6	1	2	4	6	18	0	0	0	0	0	1	1	12	17	0	3	7	12	7	2	8	4	1	0	1	3	9	3		
		9	1019.1	-	7.5	0.9	9.2	87	6.6	0	0	8	9	14	0	0	0	0	0	0	0	3	5	21	2	4	7	14	5	1	5	1	2	1	2	2	11	6	
		15	1019.1	-	7.8	0.9	9.4	87	6.6	0	1	9	8	13	0	0	0	0	1	0	0	10	12	8	1	11	12	7	0	8	1	1	1	3	0	10	7		
		21	1019.0	-	7.7	0.9	9.3	87	6.7	1	0	6	4	20	0	0	0	0	0	0	0	1	9	21	0	2	6	13	10	0	13	1	0	1	2	1	10	3	
8a SOUTH WALES																																							
Cardigan Aberporth	134m.	3	1019.7	-	6.0	0.7	8.7	90	6.9	0	2	2	10	17	0	0	0	0	0	2	11	6	7	5	0	11	12	7	1	5	1	0	1	6	6	7	4		
		9	1019.9	+7.1	6.0	0.5	8.7	90	6.9	0	2	3	17	8	1	0	1	0	0	1	7	10	8	3	0	7	20	4	0	5	1	1	2	4	3	7	8		
		15	1019.4	-	6.4	1.0	8.4	85	6.6	0	1	6	16	7	1	0	1	0	0	2	9	10	3	6	1	5	19	5	1	6	2	0	1	4	3	8	6		
		21	1020.0	-	6.3	0.8	8.5	86	6.7	0	2	4	6	17	2	0	1	1	0	0	1	8	9	5	6	0	8	16	5	2	5	1	2	0	3	8	7		
Pembroke Milford Haven C.B.	39m.	3	1020.5	-	7.3	0.9	9.1	86	6.0	3	1	6	6	15	0	0	0	0	0	3	6	18	3	1	0	7	9	12	3	5	1	4	0	2	3	8	5		
		9	1020.6	-	6.9	1.0	8.8	86	6.2	0	2	8	8	13	0	0	0	0	1	2	8	16	4	0	0	3	16	11	1	6	2	3	1	0	3	4	11		
		15	1020.3	-	7.8	1.2	9.0	83	6.2	0	1	8	10	12	0	0	0	0	1	1	10	14	5	0	0	2	16	12	1	8	1	3	1	1	4	5	7		
		21	1020.9	-	7.3	1.1	8.8	84	6.0	3	1	7	4	15	1	0	0	0	1	0	9	15	6	0	0	0	2	15	13	1	5	3	1	0	2	3	9	7	
Glamorgan Mumbles	37m.	3	1020.0	-	6.3	0.9	8.5	86	6.1	2	3	3	3	20	0	0	0	0	0	1	7	9	13	1	0	4	11	15	1	3	1	2	1	0	4	13	6		
		9	1020.2	-	6.0	1.0	8.2	85	6.0	0	3	8	8	12	0	0	0	1	0	0	12	13	3	0	1	2	14	13	1	3	2	3	2	1	3	8	8		
		15	1019.7	-	6.7	1.2	8.2	81	6.1	0	3	8	9	10	1	0	0	1	0	1	13	10	3	2	0	3	21	7	0	7	1	4	0	2	11	6			
		21	1020.4	-	6.2	1.0	8.2	83	5.4	4	4	3	15	1	0	0	1	1	1	1	5	10	11	1	0	0	2	18	10	1	5	2	1	0	1	4	10	7	
Rhoose	69m.	3	1019.9	-	4.8	0.6	8.1	90	5.6	2	6	4	5	12	2	0	0	0	2	2	2	4	11	9	1	0	0	11	18	2	2	4	1	0	2	3	13	4	
		9	1020.1	+6.0	4.7	0.7	7.9	89	6.2	0	6	2	8	14	1	0	0	1	0	1	5	7	7	3	0	2	11	16	2	3	2	3	1	0	2	9	9		
		15	1019.5	-	5.9	0.9	8.2	85	5.8	0	8	3	9	11	0	0	0	1	1	2	9	6	8	4															



TABLE VIII—NUMBER OF DAYS IN DECEMBER 1967  
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 .. ..	2	12	7	0	0	0	0	0	0	0	0	13	9	9	0	0	Edgbaston .. ..	1	11	15	4	0	0	0	0	0	0	1	8	12	9	1	0
Stornoway .. ..	1	11	13	6	0	0	0	0	0	1	0	8	12	10	0	0	Kew .. ..	1	8	16	6	0	0	0	0	0	0	1	9	9	10	2	0
Craibstone .. ..	1	13	11	6	0	0	0	0	0	0	1	13	13	4	0	0	Hastings .. ..	1	8	17	5	0	0	0	0	0	0	1	11	10	9	0	0
Rothesay .. ..	0	9	17	5	0	0	0	0	0	0	0	9	8	14	0	0	Southampton .. ..	0	6	15	10	0	0	0	0	0	0	1	10	12	7	1	0
Abbotsinch .. ..	1	11	11	8	0	0	0	0	0	1	7	5	6	13	0	0	Stonyhurst .. ..	1	10	17	3	0	0	0	0	0	4	10	10	7	0	0	
Eskdalemuir .. ..	3	11	16	1	0	0	0	0	0	0	5	10	9	7	0	0	Bidston .. ..	0	8	19	4	0	0	0	0	0	0	7	12	11	1	0	
Douglas .. ..	0	6	20	5	0	0	0	0	0	0	0	7	12	12	0	0	Valley .. ..	0	5	18	8	0	0	0	0	0	0	6	7	17	1	0	
Cockle Park .. ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Falmouth .. ..	0	1	17	13	0	0	0	0	0	0	0	3	12	16	0	0	
Gorleston .. ..	0	11	16	4	0	0	0	0	0	0	2	8	15	6	0	0	Aldergrove .. ..	0	10	17	4	0	0	0	0	0	1	1	6	11	12	0	0
Cambridge .. ..	1	10	14	6	0	0	0	0	0	0	4	11	11	5	0	0	Armagh .. ..	0	8	16	7	0	0	0	0	0	0	1	9	14	7	0	0

## TABLE II—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	HEIGHT OF VANE IN METRES			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES					
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)			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 (hr)	No.of days	Duration in Hours				Veer from N		Speed in knots		Hour ended at day hour	Veer from N	Speed in knots	Day and Time		
1958 1966	February	Durham	389	53	33						342	219										
	May	Elmdon	343	31	31							375	68									
	May	Heathrow	115	33	33							364	67									
	May	Aberporth	483	41	41							242	151									
	June	Elmdon	343	31	31								77									
	August	Mount Batten	209	42	42			24			207											
	September	Heathrow	115	33	33						247											
	November	Boscombe Down	425	53	53						171	420										
	December	Kew	92	75	50						351	270										
	December	Moor House	1960	50	45	1, 5, 17, 18, 23	28	25	230	373	52	8	53	19.5	[260	45	23	08]	[200	63	23	0740]
			Height of vane In metres																			
1967	January	Rhoose	78	11	10							493	58									
	February	Rhoose	78	11	10					84	278	259	46									
	May	Prestwick	21	10	10						382	96										
	May	Cardington	69	41	41	4	3	13	91	359	227	64	0	12.9	160	38	4	13	170	57	4	1225
	June	Stornoway	37	12	11				97	274												
	June	Prestwick	21	10	10						332	110										
	June	Cardington	69	41	41	-	0	5	14	300	328	78	0	9.8	230	28	25	16	250	41	25	1605

### TABLE IV—ADDITIONS AND CORRECTIONS

[illegible]

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

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1967. An unsettled and windy late winter and spring, followed by a dry but cool summer, and a wet autumn.

1967 was a rather wet year, but temperatures were about average and sunshine a little above average in England and Wales, though a little below in Scotland. Over the country as a whole temperature was above average during the first three months of the year but below or within 2 deg C of the average, during the remaining months, except during July and October in England and Wales where it was 0.6 deg C and 0.7 deg C respectively above average. Rainfall was below average during the summer months of June, July and August and also during January, April, November and December, but May and October were unusually wet. Both spring and summer began with sunny months but ended rather dull. Autumn, on the other hand, began dull but ended sunny, and this sunny weather continued into early winter.

### NOTABLE FEATURES OF THE WEATHER

In March rainfall in parts of western Scotland was exceptionally high; many places had four times their average amount of rain, and parts of Inverness-shire and Wester Ross had their wettest March for 40 years. It was unusually sunny in parts of Yorkshire, however, - Rotherham, for example, had its sunniest March since records began there in 1940. A gust of 145 kt recorded in the Cairngorms in March was the highest confirmed wind speed ever recorded in the British Isles. May was an exceptionally wet month, rainfall being more than three times the average over large areas of northern England; over the country as a whole it was the wettest May since 1773. The 14th and 15th were the wettest days and noteworthy falls in many parts of the country included one of 22 mm in 15 min at Wolterton Park, Norfolk on the 14th. Heavy thunderstorms led to widespread flooding in Lancashire between

the 8th and 10th of August; at Hornby 75 mm of rain was recorded in 15 mins. In September the extreme north of Scotland and the Northern Isles of Scotland were unusually dull, and the total sunshine at Lerwick was lower than that of any other year since records began there in 1923. October was both unusually wet and unusually sunny; for example, the Glasgow records show that their total sunshine was greater than in any other year since 1881 and also that their total rainfall was higher than that in any other year since 1886.

### Synoptic Features

There were 224 days on which the synoptic chart showed weather to be of a cyclonic character over Britain and only 141 days when the situation was mainly anticyclonic.

January, February and March. Anticyclones dominated the weather during the first half of both January and February though there were short cyclonic interludes in January on the 1st/2nd and 6th/7th. The second half of each month was mainly cyclonic in character, and this type of weather prevailed during March before and after an anticyclonic spell lasting from the 13th until the 24th. January, February and March had 20, 13 and 18 cyclonic days respectively.

April, May and June. April weather was anticyclonic after the 2nd, apart from cyclonic interludes when pressure was low to the south and east of the country on the 5th-11th, and to the north and east on the 19th-21st. Weather became cyclonic again on 30 April and continued so throughout May with two ridges of high pressure on the 18th and 31st. In June weather was anticyclonic until the 18th and then mainly cyclonic. April, May and June had 12, 29 and 12

FH3A



cyclonic days respectively.

**July, August and September.** During July weather was predominantly cyclonic in character although anticyclones influenced conditions in the south and south-west until the 12th. The generally cyclonic weather continued during August and September except on 5 and 19-28 August when high pressure was centred over the east and south-east of the country, and also on the 7-16 September when a ridge of high pressure extended from the Azores, across the British Isles, to southern Scandinavia. July, August and September had 13, 20 and 20 cyclonic days respectively.

**October, November and December.** Weather was cyclonic in character throughout October and for most of November, except for an anticyclonic spell during 16-23 November. In December anticyclonic weather was broken by cyclonic periods on the 5th-8th, 21st-25th and 27th-31st when pressure was low to the north or east of the British Isles. October, November and December had 31, 22 and 14 cyclonic days respectively.

#### General Weather

**January** Cold northerly winds dominated the weather over the British Isles during the first 10 days. Temperatures rose slowly during this time and after the 4th were a little above freezing during the afternoons. There were long sunny periods. Snow was widespread on the 6th and 7th and freezing fog blanketed parts of the north-west on the 9th. From the 10th until the 17th weather was generally cloudy, mild and mainly dry, but after the 17th periods of rain alternated with brighter spells, and winds from the south-west brought exceptionally mild weather to southern districts, especially during the last few days of the month.

**February** The first half of the month was mainly dry but the second half was unsettled and stormy. The very mild weather at the end of January persisted for the first two or three days of February and was then slowly replaced by cooler conditions; by the 5th overnight fog and frost was widespread in England and Wales and this fog persisted in parts of south-east England throughout the 6th. From the 7th to the 10th weather was generally dry, apart from slight rain in Scotland, but on the 11th south-easterly winds, originating in central Russia, brought a marked drop in temperature, and this cooler weather continued until the 14th with frost night and morning, and scattered snow showers in northern districts. Milder weather on the 15th was preceded by rain, and a further belt of rain on the 17th was followed by showers in the Midlands and southern England. The remainder of the month was generally mild, though unsettled and windy, with south-westerly winds reaching gale force at times. The 22nd, 23rd and 27th were particularly stormy days with heavy rain. On the 27th gusts of 70 kt were recorded at places as far apart as the Lizard and Benbecula.

**March** In Scotland the first four days were stormy with westerly winds and heavy thunderstorms, but in England and Wales weather was mainly sunny and dry with temperature everywhere well above average. This fine weather spread to the whole country on the 5th, but stormy weather was resumed in Scotland the next day with gusts of 80 kt in the Hebrides. The stormy weather moved southwards on the 8th and gales were severe in the English Channel on the 9th and 11th. Winds veered to north-west on the 12th bringing temperatures below normal and snow showers to parts of the Midlands and southern England. Weather was fine and sunny in England and Wales from the 14th to the 24th with temperatures locally as much as 9 deg C above normal, but in Scotland and Northern Ireland it remained unsettled and rather wet. The changeable weather spread to the whole country on the 25th, but during the last few days of the month a northerly air-stream from high latitudes brought a steady fall of temperature with wintry showers of hail and snow to all districts.

**April** On the afternoon of the 1st, after a night of severe frost, heavy rain from the Atlantic reached northern districts and continued with little break for most of the 2nd. The weather was unsettled in Scotland for another three days, but in England and Wales it was sunny and warm with afternoon temperatures in the south reaching 16°C. Widespread rain in eastern districts on the night of the 5th/6th was followed by nearly a week of sunny weather in Scotland and north-west England, but elsewhere it was generally cold, dull and wet. On the 13th the cold weather moved southwards from Scotland to cover the whole country. Day temperatures rose during the next few days and reached 23°C in parts of Hampshire on the 17th. A cold northerly air-stream brought a sharp fall of temperature on the 18th, and although on the 19th there was widespread rain, weather remained generally cool until the 23rd with showers of snow or sleet. A week of changeable weather began on the 24th: the 27th-29th was dull and wet in northern and eastern England but sunny and warm in western England and eastern Scotland. Northerly winds brought scattered snow showers to all districts on the 30th.

**May** The wintry weather at the end of April continued during the first two days of May, but during the next week weather was changeable with rain from the Atlantic alternating with wintry showers. The 9th and 10th were particularly sunny days, but thunderstorms broke out on the evening of the 10th and continued on the 11th with exceptionally heavy rain. The next two days were cooler and drier in the north and west with north-easterly winds, but in the south-east it was very wet until the 16th and 17th when north-westerly winds brought unstable air with scattered showers to all districts. After a generally fine day on the 18th the remainder of the month was generally wet with outbreaks of thunder in many places, rainfall often being widespread and heavy.

**June** For most of the first week weather in England and Wales was dry, warm and sunny, but in Scotland it was generally unsettled. North-westerly winds spreading over the country on the 7th and 8th brought a marked drop in temperature and showers to all districts. The 9th marked the beginning of a spell of quiet, sunny weather which lasted about 10 days: it was followed on the

19th by increasing westerly winds and about three days of widespread, and at times heavy rain. The 23rd was a fine sunny day but thunderstorms broke out in southern England during the evening. These storms continued during the next two days and were accompanied at times by torrential rain which caused widespread flooding. The last five days of the month were mostly wet: rain in Cornwall was persistent and heavy on the 26th and widespread rain on the 28th continued in the south and west for most of the 29th.

**July** The first ten days were cool with weather mainly dry in the south-east, but with occasional rain in the north and west. The 11th and 12th were very warm days with long sunny periods in all districts and afternoon temperatures reached 28°C locally. The 13th marked the beginning of a spell of about 10 days of thundery weather: thunderstorms were widespread on the 14th and 15th. The 17th was the warmest day of the month, temperatures during the afternoon rising to 30°C at places as far apart as London/Heathrow Airport and Fittingly. During the widespread thundery rain along the south coast on the 21st, many resorts, including Ramsgate, Eastbourne and Worthing, had their first measurable rain for 27 days. From the 24th a number of rain-belts spread south-eastwards over the country, but it was sunny in the south and east on the 24th and 26th. The 27th and 29th were wet in all districts and fairly widespread thundery rain or showers occurred during the last two days of the month.

**August** On the 1st weather was warm and humid in south-east England, but otherwise during the first four days it was generally cool and unsettled. This unsettled weather continued in the west during the rest of the first week, but in the south-east it was mainly dry. Thundery outbreaks in a warm southerly or south-easterly air-stream from the 8th until the 11th ended violently and with widespread flooding, especially in parts of Lancashire, where 75 mm of rain fell in 3 hours. North-westerly winds brought cooler weather to most districts on the 12th, but from the 14th until the 18th there was a good deal of rain, especially in Scotland. The 19th to 28th was a generally warm, dry period, although in some places days were cool because overnight fog was slow to clear. The last three days of the month were generally unsettled although south-east England was mainly dry.

**September** The first five days were generally unsettled with frequent and often severe gales. Prolonged rain, heavy at times, was broken by showery weather during the afternoon of the 2nd and during the 4th. Three recorded 75 mm of rain during this period. Although the 10th and 11th were dull, wet days, weather was generally fine from the 6th until the 12th. It was again fine in most districts on the 13th and 14th except in south-east England where there were thunderstorms. After two dull, but mainly dry, days on the 15th and 16th an area of rain moved across most districts on the 17th, and another crossed the country during the night of the 18th/19th. Scattered thunderstorms on the 20th, and heavy showers on the 21st, were followed on the 22nd by a week of southerly winds and warmer weather. However, rain was widespread on the 24th, 25th and 29th although the last day of the month was sunny with scattered showers.

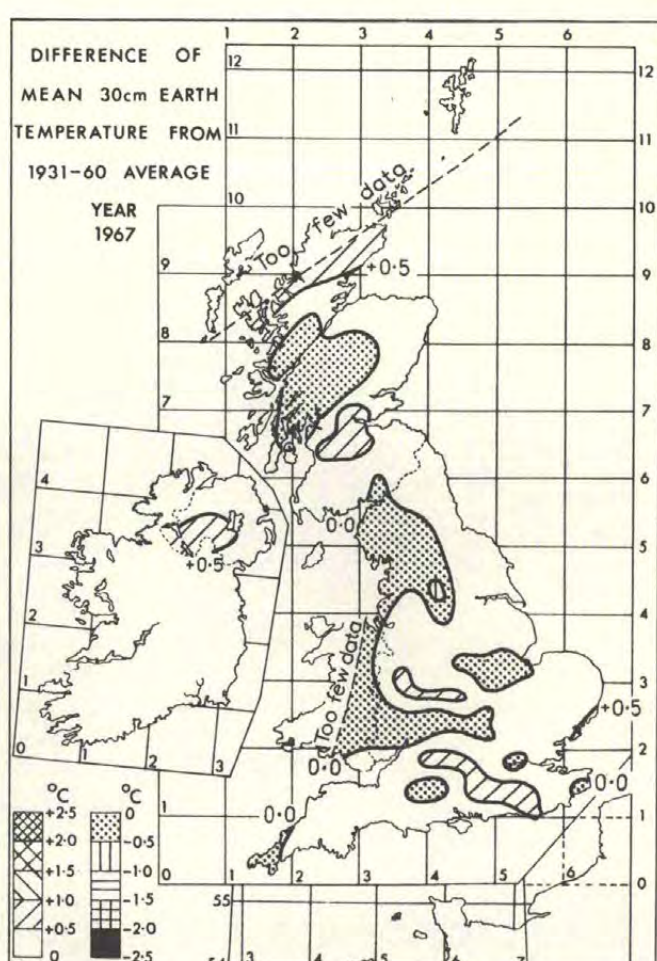
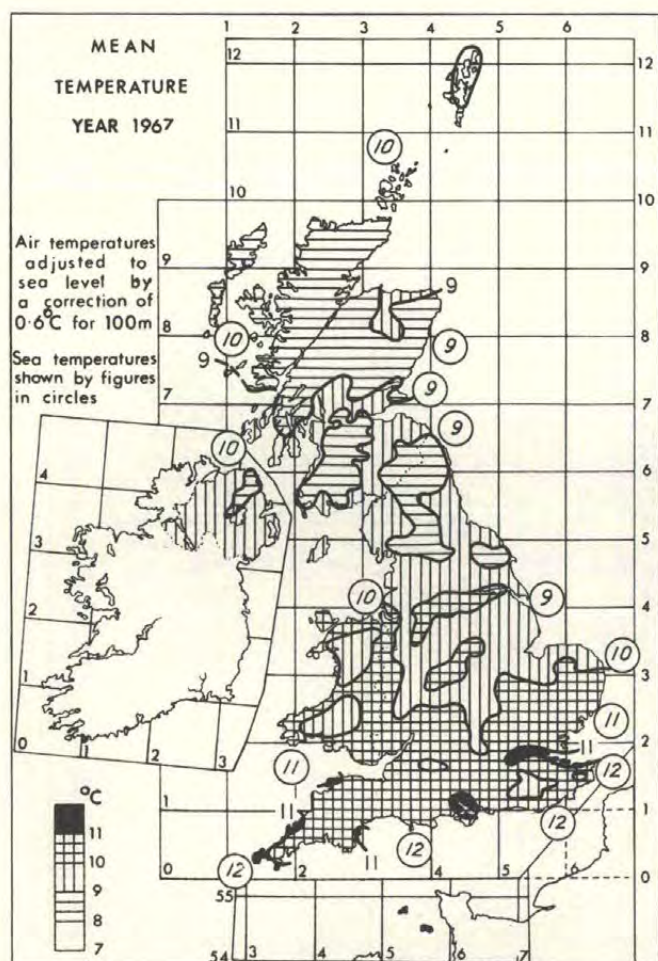
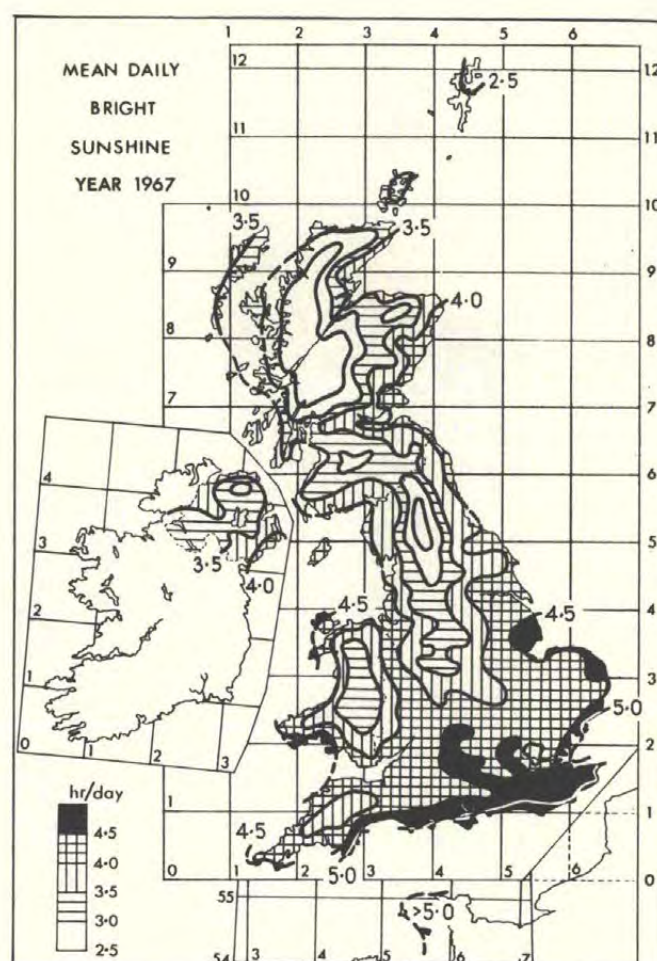
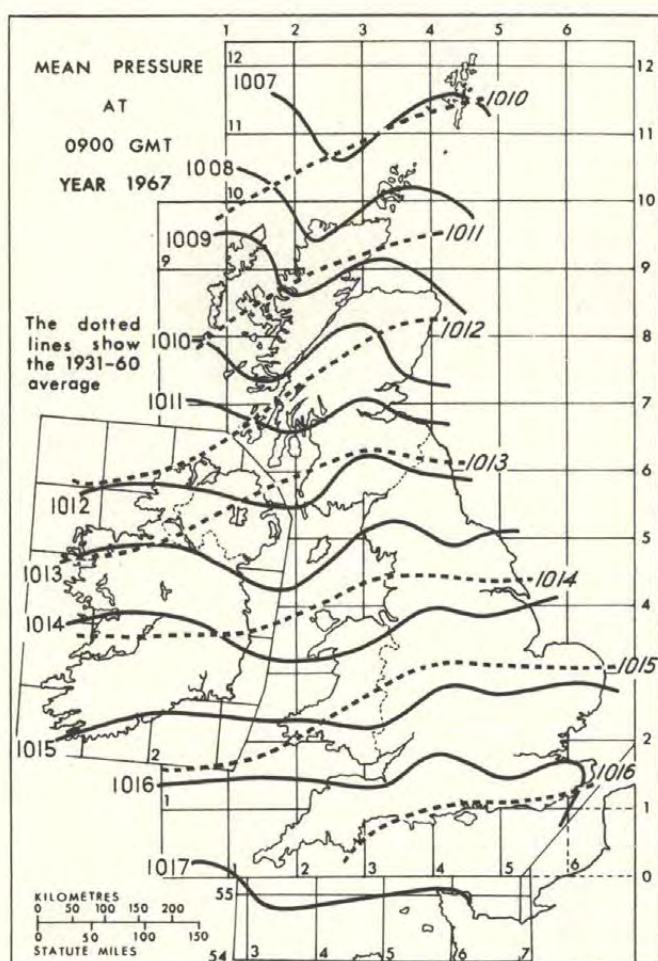
**October** The first three days were cool and stormy with widespread rain and gales; Portland Bill recorded a gust of 72 kt on the 3rd. The next day was bright and showery but further rain reached south-west England from the Atlantic on the 5th. Temperatures rose on the 6th as mild south-westerly winds from the region of the Azores spread over the country. A wet period followed. Heavy rain on the 9th and 10th led to widespread floods in the Lake District, south-west Scotland and North Wales. Cooler westerly winds on the 11th brought further rain and temperatures fell to values near to average. The rain continued in south-east England on the 12th, although most of the country was sunny and dry on both the 12th and 13th. After a wet day on the 14th, northerly winds from high latitudes brought a sharp drop in temperatures on the 15th. The 16th was the stormiest day of the month, and heavy rain led to renewed flooding in Wales and the Midlands. The second half of the month was changeable and rather wet, but there were good sunny periods, and these were especially prolonged on the 18th and 22nd. Temperatures were above average for about a week from the 18th, but the last five days of the month were rather cool with widespread rain on the 27th and 31st.

**November** The unsettled, stormy and rather cold weather continued for most of the first week of the month. Rain was widespread, and heavy locally, on most days of this week, but the 3rd was bright and showery. Weather continued unsettled in Scotland until the 14th, but in southern England the second week was generally mild and dry; afternoon temperatures in this area reached 17°C locally on the 11th. Northerly winds brought a general fall of temperature on the 15th and 16th, and this was followed by nearly a week of quiet, dry, but cold weather, with hazy sunshine by day, and fog night and morning. Rain reached northern districts on the 24th and spread southwards over the country bringing to an end a spell of 11 dry days at many places in southern England. From the 27th until the end of the month weather was mild and unsettled with rain alternating with brighter showery periods.

**December** Overnight and locally dense fog was slow to disperse in the Midlands during the first two days. Rain spread south-eastwards across the country on the night of the 2nd, but the 3rd was mainly fine. North-westerly winds reached gale force during the next two days, and rain moving southwards heralded a spell of five days of cold northerly winds which brought snow to all districts. Milder air, with rain in a north-westerly air-stream, on the 11th continued in south-east England for much of the 12th, but the next two days were mainly dry, apart from some overnight fog and coastal drizzle. Temperatures were near normal. Widespread rain on the 15th was followed by a spell of four days of cold weather with snow showers and night frosts. Milder wet weather prevailed from the 21st to the 27th but on the 28th cold northerly winds were re-established and continued, with some snow, until the end of the month.



# ANNUAL WEATHER CHARTS 1967

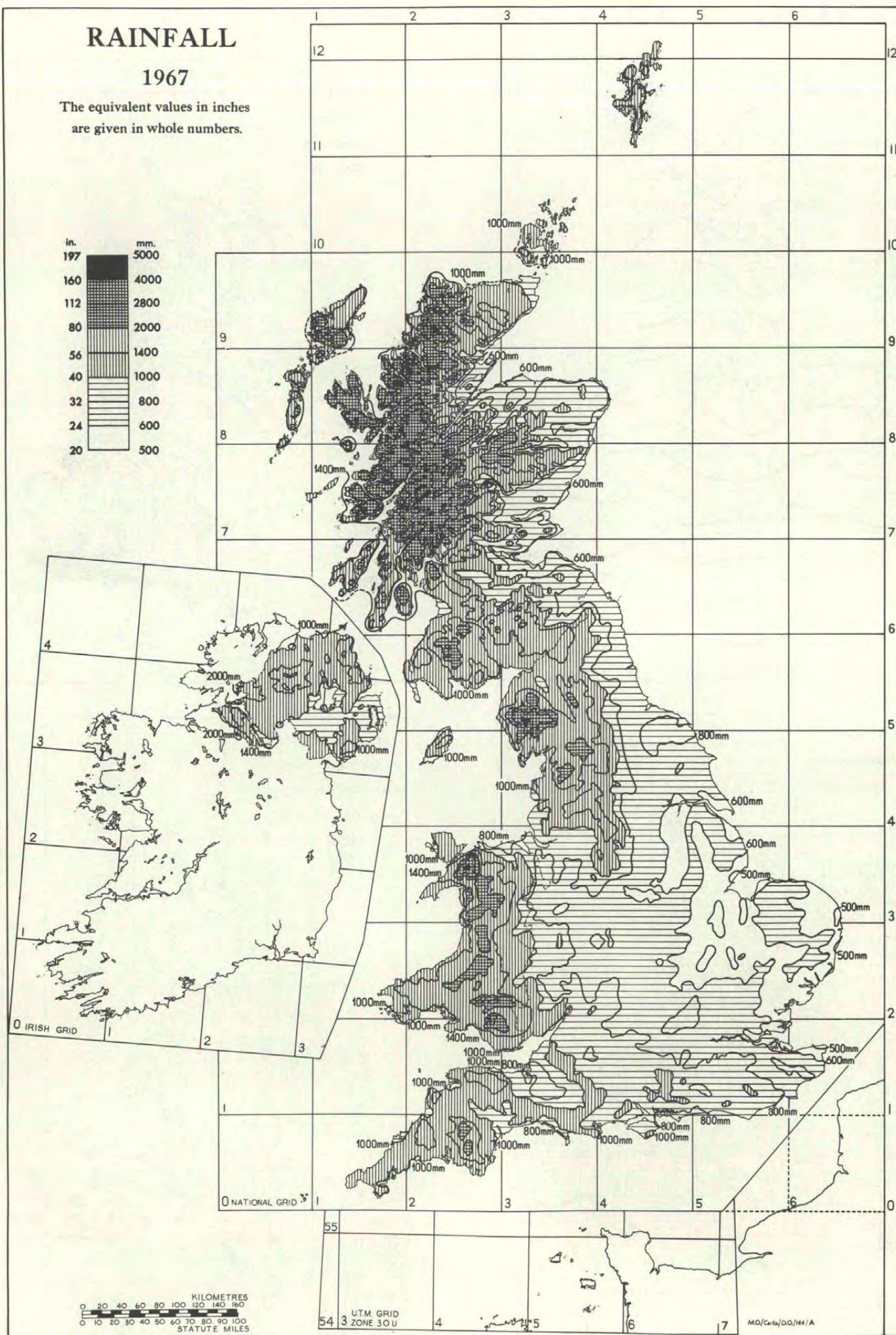
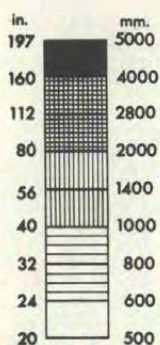




# RAINFALL

## 1967

The equivalent values in inches  
are given in whole numbers.





## Pressure and Wind

### Pressure

Taking the year as a whole mean pressure at 0900 GMT over the United Kingdom was more frequently above than below average. During May and October, however, pressure was substantially below average, and it was a little below average during February and September. It was above average everywhere in January, April, June and December. In March and December pressure was below average in the north but above average in the south, whereas it was below average in the east but above average in the west of the country in July and August.

### Wind direction

Some indication of the general surface wind direction has been given earlier. Winds were generally north-westerly or variable during the first half of January but south-westerly during the second half, apart from northerlies on 7th-10th February and south-easterlies on 11th-16th February. These south-westerlies continued until 14th March. Generally northerly winds during the second half of March continued until 1st April; but during the remainder of April winds were very variable in direction. In May winds from an easterly point predominated until the 17th after which they were mainly between west and south-west or variable until the end of July, apart from southerlies on 15th-19th July. During August winds were from west to north-west until the 17th, apart from southerlies on the 6th to 9th, after which they were variable or westerly until 23rd September, and then southerly until the end of that month. During October winds were mostly south-westerly but in November north-westerly winds predominated. North-westerly or variable winds continued in December except for south-westerlies during the third week and during the last three days of the month.

### Wind speed

In England and Wales surface wind speeds reached gale force on 23 days in October, on 18-21 days in January, February and March, on 14-15 days in November and December, on 10-11 days in April and May, on 6 days in September and on 4 days or less during each of the summer months June, July and August. In Scotland the monthly variation was somewhat similar except that gales were rather more frequent during the summer months.

The gust of 145 kt recorded in the Cairngorms on 6th March was the highest confirmed wind speed ever recorded in the British Isles. A gust of 82 kt was recorded at St. Catherine's Point, Isle of Wight, on 27th October. Gusts exceeding 70 kt included:- 79 kt at Scilly on 19th February; 77 kt at Portland Bill on 2nd November; 76 kt at Benbecula on 27th January and 75 kt at Valley on 5th September. Gusts exceeding 60 kt included:- 67 kt at Dyce on 5th April; 66 kt at Kirkwall on 4th June and 61 kt at Portland Bill on 3rd May.

### Temperatures

Over the year as a whole temperature differed little from the average being, after five years with below average temperature, a little above average in England and Wales, equal to the averages over Scotland, and slightly below average in Northern Ireland. During the first three months of the year temperature was above average in all three countries, but taking the United Kingdom as a whole, temperature during the remaining months of the year, was near or below average.

**January** Mean temperature was above the average generally. The 8th and 9th were the coldest days - on the 9th temperature at Carlisle failed to rise above -3°C. It was exceptionally warm towards the end of the month: on the 27th, and again on the 29th afternoon temperatures exceeded 13°C at many places in southern England. Ross-on-Wye had its mildest January for 10 years.

**February** Temperature was again well above average in all districts; the excess was 1.5 deg C in both Scotland and Northern Ireland. The very mild weather at the end of last month continued until 2nd February, and temperature continued above the average for most of the first week; there was also a warm period at the end of the month. In a cold spell during the second week from the 11th to the 14th, frost was widespread.

**March** Temperature was above average for the third month in succession, the excess being greatest in the eastern part of the country and least in northern Scotland. The warmest periods were during the first 8 or 9 days and around the 20th. Temperature was below average on the 12th and during the last week when frost was fairly widespread.

**April** Temperatures were below average except in eastern Scotland, this excess being due mainly to a very warm spell during the last week when temperature on the 29th and 30th reached 22°C at a number of places. The second and third weeks were the coldest, frost being particularly widespread in Scotland during the second week. There were, however, three warm spells, one around the 4th and 5th which was mainly confined to southern England, another around mid-month and a third towards the end of the month.

**May** Temperature was generally below average, especially in Scotland where it was the coldest May since 1951. This deficit was mainly due to low day temperatures. On the exceptionally cold morning of the 3rd temperature fell to -6°C in parts of north Wales and Northern Ireland; at Kew it fell to -10°C, the lowest May temperature recorded there since 1871. In England and Wales there was a warm spell during the second week when afternoon temperature in south-east England reached 26°C. Scotland had a warm spell towards the end of the month.

**June** This was the third successive month with mean temperature below the average, the deficit, as in the previous months, being greatest in east and north-east England. During a warm spell of about 10 days around mid-month temperatures at a number of places reached 26°C. Cooler periods

around the 7th and 21st preceded and followed this warm spell. In Scotland, Northern Ireland and north-west England mean temperatures were above average by day but below at night.

**July** In England and Wales mean temperatures were generally above average, the excess being greatest in east and south-east England. In Scotland they were below average, but there were several rather warm spells when temperatures reached 24°C at many places. During the second and third weeks afternoon temperatures over much of southern England were 4-6 deg C above average. The warmest day of the month was the 17th when temperatures reached 30°C at places as far apart as London/Heathrow Airport and Fittingly; at Ross-on-Wye this was the warmest day in their records since early September 1961 and their warmest July day since 1959.

**August** Temperature was a little below average, the greatest deficit being in western districts. The warmest day was the 1st when temperature at many places in southern England reached 30°C. During two other rather warm periods on the 6th to 10th and 21st to 28th, temperatures were 2-5 deg C above average. The lowest air temperature recorded during the month was -0.6°C at Balmoral on the 19th.

**September** Mean temperature was again below the average mainly because of low day temperatures. In southern England day temperatures were generally below average until the 23rd, in northern England, on the other hand, the cold weather was broken by milder days from the 11th to the 16th. In Scotland temperature was above average especially in the extreme north. During the last week of the month it was above average almost everywhere in the United Kingdom.

**October** Mean temperature was above the average in England and Wales, but below in Scotland and Northern Ireland. Nights were particularly mild, they were 1.7 deg C above the average for the month in south-east England, and as much as 8-10 deg C above the average over the period 7th to 11th. During the first week, around mid-month and during the last few days, temperature was below average.

**November** Temperature was generally below average, the greatest deficits occurring at night in northern England. There were, however, two short mild spells, one just before the middle of the month, when afternoon temperatures exceeded 16°C at many places in eastern England, and the other at the end of the month. The coldest period was from the 16th until the 19th: on the 17th/18th, the coldest night, temperature at Caldecott fell to -8.3°C, which was about 10 deg C below normal.

**December** Mild spells alternated with cold periods throughout the month. During the first cold period, which was centred around the 9th, Worthing had its coldest December night since 1908. During the second, which lasted from the 15th until the 20th, day temperatures in many northern districts failed to rise above freezing point, - on the night of the 19th/20th temperature fell to -14°C at Grantown-on-Spey. The 11th to 14th and the 21st to 27th were mild spells; on the 23rd temperature reached 14°C at many places.

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

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	Deviation in degrees Celsius												
(a)	+0.7	+1.6	+1.3	-0.5	-0.9	-0.3	+0.6	-0.3	-0.2	+0.7	-1.3	-0.5	+0.1
(b)	+1.0	+1.5	+0.6	0.0	-1.2	-0.1	-0.4	-0.3	+0.2	-0.4	-0.5	-0.3	0.0
(c)	+1.2	+0.9	+0.3	0.0	-1.7	-0.5	+0.1	-0.6	-0.2	-0.5	-0.8	-0.1	-0.2

The following table gives the highest and lowest temperatures recorded each month in (a) England and Wales, (b) Scotland, and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
	Degrees Celsius												
(a) highest	14.4	15.2	19.4	22.2	26.1	26.7	30.2	30.0	24.4	21.1	16.7	14.4	30.2
lowest	-12.2	-8.3	-7.3	-9.4	-6.7	-2.2	+1.1	+1.1	-0.6	-2.8	-8.3	-13.3	-13.3
(b) highest	13.3	13.3	17.2	22.2	21.1	26.7	26.1	25.6	21.7	18.9	15.3	13.9	26.7
lowest	-12.2	-7.8	-7.2	-11.7	-9.4	-2.2	+1.1	-0.6	-2.5	-4.4	-8.3	-14.4	-14.4
(c) highest	13.0	13.3	16.1	21.1	21.6	25.0	25.0	22.8	20.2	18.9	15.6	13.9	25.0
lowest	-7.8	-6.1	-3.9	-4.4	-6.1	0.0	+1.1	+2.8	+1.5	-0.6	-5.6	-12.2	-12.2

### Precipitation

For the third successive year rainfall over England, Wales and Northern Ireland was greater than the average. The main features of the year were a very wet March over Scotland, a very wet May, the wettest for nearly two hundred years over England and Wales, a dry summer (June to August) and a wet autumn, October being particularly wet. As in several recent years there were no very long spells without rain, the longest dry period of the year, about three weeks, occurring in June.

Perhaps the most severe short period rainstorm of the year occurred in Lancashire on 8th August when the village of Wray, in the Lune Valley, was devastated. River flooding, in general, appears to have been more frequent than usual.

The largest total amount over the year was probably 5080 mm (approx) at Sca Fell and the smallest total 443 mm at Ponders Bridge, Cambridgeshire.

**January** Rainfall was well below the average in most districts, though it was above in eastern districts north of the Tay, and also in counties bordering



the English Channel from Cornwall to Hampshire. It was less than half the average, however, in some western and southern inland districts of Scotland, over most of North Wales, Shropshire and Cheshire, over the east Midlands north of Oxfordshire, and over counties adjacent to the Midlands from Bedfordshire to Durham. Most of the rain fell during the second half of the month, but there were no notable falls.

**February** The first half of the month was mainly dry, but heavy rain during the second half brought rainfall totals for the month well above average. In England and Wales rainfall was below average in some eastern coastal areas from the Wash southwards, over much of North Wales, and locally in Lancashire and the Midlands; in Scotland, only the north-east, a small part of Fife, and a narrow strip near the west coast, recorded a deficit. The wettest day was the 27th when Princetown and Ambleside measured 63 and 69 mm of rain respectively.

**March** In Scotland it was the wettest March since 1903, but in England and Wales rainfall was a little below the average. A feature of the month was the exceptionally heavy rainfall in parts of Inverness-shire and Wester Ross where falls exceeded 800 mm and where rainfall was four times the average. On each of the days from 2nd to 5th rainfall exceeded 50 mm. In eastern Scotland, on the other hand, rainfall was below the average. In England and Wales rainfall exceeded the average in the north-west and south of a line from Bristol to London where most of the rain fell between the 7th and the 12th.

**April** A dry month generally, but rainfall exceeded the average in parts of north-east and south-east Scotland, and locally near the Thames Estuary. Most of the precipitation fell in the three periods 1st-2nd, 5th-10th and 20th-24th. The driest period generally was between the 13th and 18th, but much of Wales, the Isle of Man, and the Solway Firth, had two weeks or more without measureable rain from the 3rd.

**May** In England and Wales this was the wettest May since 1773, rainfall being more than twice the average almost everywhere, except for a few coastal districts, and three times the average in parts of Cumberland, Co. Durham, the West Riding of Yorkshire and Leicestershire. In Scotland, where at Blackford Hill, Edinburgh, it was the wettest May since 1906, rainfall was twice the average over much of the south and east, but was less than the average locally in the west and around the Moray Firth. The wettest period was from the 11th to the 14th; at Manchester, on the 11th, 86 mm of rain was recorded in about 6 hours.

**June** A dry month; in Northern Ireland rainfall was little more than half the average. Although rainfall was above average over much of south-east and north-west England, less than 25 per cent of the average fell over parts of the West Riding of Yorkshire and over the extreme east of Norfolk around Gorleston. In some western districts of Scotland north of the Clyde rainfall exceeded the average, but was less than half the average in parts of east and north-east Scotland.

There was little measureable rain from the 9th until the 19th, indeed some places in the south had no rain for 3 weeks from May 30th. Most of the month's rain fell in a thundery spell from about the 23rd to the 25th.

**July** A generally dry month apart from torrential rain during thunderstorms. In England and Wales rainfall exceeded the average north of an approximate line from Liverpool to Redcar, over most of Wales, and also in parts of Oxfordshire, Buckinghamshire and Bedfordshire. It was less than 25 per cent of average over most of Sussex and Kent. In Scotland rainfall was above average generally, except in eastern districts. On the 13th and 14th torrential rain, accompanying thunderstorms, caused widespread flooding in the Oxford area and also in north-east England; over 70 mm was recorded at a number of places. On the night of the 22nd/23rd a fall of 100 mm at West Byfleet caused widespread flooding which affected the London area. During thunderstorms on the 29th parts of Glamorgan also recorded 100 mm of rain.

**August** Rainfall was generally less than average for the third month in succession, but heavy thunderstorms caused local flooding in many parts of the country. In England and Wales rainfall was mainly above average north of an approximate line from the Mersey to the Wash, except in coastal regions and the Scottish border country. It was also above average in south-east England and the extreme south-west of Cornwall. Twice the average fell in parts of the West Riding of Yorkshire but less than half over much of Shropshire, Gloucestershire and Somersetshire. In Scotland rainfall was below average except in the Orkneys and north facing slopes of the mainland. Torrential rain during thunderstorms in Lancashire on the 8th to 10th caused great havoc in the Downham/Burnley area, and flood damage in the Rossendale Valley was estimated at half a million pounds sterling. In the Forest of Bowland and the Lune Valley falls exceeding 76 mm in two hours were recorded, and at Welford, Nottingham 68 mm was recorded in about an hour. It was mainly dry, however, from the 19th until the 24th.

**September** Over eastern coastal districts of England and over Wales, rainfall was below average, but it was above elsewhere and as much as twice the average around Bath and Torquay. On the 20th a heavy fall of 88 mm in the Wirral caused local flooding. In Scotland, only the central Lowlands and parts of the north-east had less than average rainfall. After a rather wet first week there was a brief dry spell over most of the country from the 7th to the 9th, and there was another over the northern half of the country from the 13th to the 16th.

**October** Except for 1960, rainfall over England and Wales was higher than in any other October since 1903. Frequent, heavy and prolonged rain gave more than twice the average in south and west Scotland, parts of western England and over most of Wales; only in a narrow strip from Angus to Dornoch Firth, Scotland, was rainfall below the average. It was heavy and prolonged generally on the 1st, 3rd, 16th, 25th and 27th, and in the Lake

District and counties bordering the Solway Firth on the 8th. Bryn Gwyrrant, Caernarvonshire, measured 107 mm of rain on the 1st, most of it falling in 11 hours. At Great Langdale (Westmorland) 152 mm rain fell in 24 hours during the 8th and 9th. The 16th was the wettest day generally when a general depth of 1.2 inches of rain was estimated to have fallen over England and Wales, and when a fall of 139 mm, the greatest daily amount of the year, was measured in the Brecon Beacons.

**November** November rainfall was generally below average, the deficit being greatest in the Midlands and south-east England. The first five or six days of November were very wet and there was flooding in parts of southern and eastern England towards the end of this spell. Amounts exceeded 50 mm on the 1st widely in southern England, in Ross and Cromarty and in Antrim and Down; on the 4th/5th 102 mm was exceeded in the Upper Tees Valley. The 9th to 16th was a showery period with rainfall amounts mainly small in the south, and this was followed by a week of generally dry weather over most of the country.

**December** Although rainfall was below average taking England and Wales as a whole, it was above average in a wide corridor extending from the northern half of Wales to the London area. In Scotland a few places in the extreme north-west had twice the average, but rainfall was less than half the average in most central and eastern districts, and only a quarter of the average in central Perthshire. Most of the precipitation occurred in a snowy spell from the 6th to the 11th and in a mild spell from the 18th to the 25th.

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.	Sep.	Oct.	Nov.	Dec.	Year
(a)	63	132	97	78	211	75	79	94	128	179	79	88	109
(b)	83	135	205	77	151	77	86	79	109	149	85	81	110
(c)	74	113	131	79	166	56	90	96	145	143	90	94	106

#### Thunder

Thunder was heard more frequently in England and Wales than in Scotland, and was most frequent in May. In England and Wales it was heard 26 days in May on 16-19 days in February, August and September, on 11-12 days in March and July, on 8-9 days in June and December and on 5 days or less during the remaining months of the year. In Scotland the number of days showed a rather similar variation among themselves, except that there were only 21 days in May and 1 and 13 days respectively in January and April against 5 and 4 in England and Wales during these two months. Several stations reported more than 20 days during the year with thunder, and Huddersfield Oakes had as many as 38.

#### Snow

Snowfall was less than usual during the year. During the first three mild months of the year snowfall was less than usual. The worst falls were during December when snow lay 40-50 cm deep in parts of North Wales.

**January** Snow and sleet showers were fairly widespread in Scotland during the first and last weeks, but falls were mainly slight. In England and Wales they were reported during the first week and 22nd/23rd being most frequent in east and north-east England, where in some places level snow was 8 inches deep on the 7th-9th. Ground was mostly clear of snow by the 10th, except for the higher ground in the Pennines.

**February** In Scotland snow and sleet showers were reported on 13 days, mainly during the second half of the month. In England and Wales they fell on the 1st, 13th-23rd, 25th, 27th and 28th (15 days) and ground was snow-covered 3-6 cm deep in parts of south-east England on the 17th and 18th.

**March** Showers of snow or sleet were observed in Scotland during most of the first half of the month and also during the last week. They fell in England and Wales mainly around the 11th and on the 26th-31st when some of the ground was snow-covered for a time.

**April** Snow and sleet showers occurred on about 11 days mainly during the first and fourth weeks; they were most widespread on the 21st. Only the higher peaks in Scotland and Northern Ireland were snow-covered.

**May** Snowfall was mainly confined to the first two or three days, but snow showers were reported over the higher ground in Scotland also around the 17th.

**June** Only over the higher ground in Scotland was there any snow. Derry Lodge, Aberdeenshire, reported sleet and snow at station level (427 metres) on the 7th and 8th. Snow above 2000 ft covered a greater area than ever before at this time of year, and even below 2000 ft, in spite of the above average temperature, patches persisted throughout the month.

**July** Derry Lodge, Aberdeenshire, continued to report large snow-falls on peaks, and also on south and east facing slopes down to 600 metres. The quantity was said to be exceptional for the time of year. Achnagoichan, Inverness-shire, reported many patches of deep snow in gullies at 900 metres.

**August** Derry Lodge, Aberdeenshire, reported sleet at 900 metres on the 28th and 31st. Large areas of snow remained on east facing slopes down to 760 m.



**September** Derry Lodge, Aberdeenshire, reported sleet at 910 m on the 3rd, and, in spite of the warm dry month, reported the continued existence of snow fields down to that level.

**October** Snow fell on the higher ground in Scotland from the 15th until the 20th, and also for a day or two on lower ground in Scotland and northern England around the 17th when snow lay 5 cm deep at Moor House. Scattered snow showers were also reported during the last week, mainly over high ground; on the 28th the summit of Snowdon was covered to a depth of 15 cms.

**November** Snow or sleet was reported over high ground during the first week, on the 16th-18th and on the 25th-28th. During the first half of the month much of the ground above 900 metres became snow-covered, but except for a few places above 1000 metres the snow melted and the hills were free of snow from the 17th until the 20th. Further slight snow showers fell on the 26th-28th the ground becoming snow-covered in hilly parts of North Wales on the 26th.

**December** Snow fell during the following periods: from the 6th to the 11th, from the 16th to the 19th and from the 28th to the 31st. The first period was the worst when snow drifting in gale force winds blocked many roads. By the 9th many places in Scotland, Northern Ireland and the Midlands reported level snow 20-30 cm deep, and parts of northern and central Wales reported a depth of 40-50 cms.

#### Sunshine

Over the year as a whole the general sunshine expressed as a percentage of the 1931-60 average was 109 over England and Wales, 102 over Scotland and 97 over Northern Ireland. January and February were sunny months in England and Wales, but sunshine during January was below average in Northern Ireland as it was in Scotland during February. Over Britain both spring and summer began sunny and ended rather dull, but in Northern Ireland both seasons began with about average sunshine. The generally dull weather continued during the early autumn in Britain though the season ended generally sunny. In Northern Ireland sunshine during the three autumn months was above the average. December was an exceptionally sunny month, especially in southern Scotland, where in the Glasgow area sunshine was three times the average.

**January** A generally sunny month except in the north of Scotland where deficits or more than 20 hours were recorded; Forres had its dullest January since records began there in 1933. Some southern and western coastal districts of England and Wales had less than average sunshine, but elsewhere sunshine exceeded the average, and over much of the east Midlands it was more than 150 per cent of the average. The sunniest periods were during the first four days and from the 19th until the 26th.

**February** In England and Wales sunshine was above average nearly everywhere; the excess was greatest in the Midlands and south-east England. In Scotland it was around or above average in south-eastern and central districts, but below in northern and western parts of the country, where, in parts of Perthshire and Argyll, there were deficits of up to 20 hours.

**March** Sunshine was above average over east and south Scotland with excesses of more than 60 hours, but in west and north-west Scotland it was below average with deficits of up to 50 hours in Inverness-shire and Wester Ross. In England and Wales this was the third successive month with more than average sunshine. Excesses were greatest in the east; at Rotherham it was the sunniest March since records began there more than twenty-five years ago.

**April** Over England and Wales sunshine was generally below average, only a few places along the English Channel coast having more than average sunshine. Percentages ranged from 55 at Watnall to 109 at Brighton. Over Scotland as a whole sunshine was about average; it was below in the south, west and north, but above average in some central and eastern districts. The last week of the month was unusually sunny in south-west England.

**May** Sunshine was below average almost everywhere. In Scotland many places from Braemar southwards recorded their lowest sunshine for more than 30 years with deficits of 60 to 80 hours. At Perth it was the dullest May since records began in 1914, while at Leuchars it was the dullest since 1922. In England and Wales deficits were least in the north-east of England and greatest in the north-west; south of a line from Humber to Plymouth sunshine was 80-100 per cent of the average.

**June** Sunshine was generally above average except for a few isolated areas near the east coast of Scotland, over parts of eastern England mainly in coastal districts, and in the extreme south-east of Cornwall. In northern Scotland excesses of 50 hours and more were recorded, and several places from Strathclyde to Gordon Castle had their sunniest June for about 20 years. In England and Wales percentages of average ranged from 130 at Askham Bryan to 70 at Manchester. The sunniest part of the month was from the 9th until the 18th.

**July** Sunshine was above average over England and Wales especially in the east and south-east but below average over Scotland and Northern Ireland; some places in western Scotland had their lowest sunshine totals for more than 50 years, deficits over a wide area exceeding 60 hours. Fort William had its dullest July since records began there in 1891. In England and Wales sunshine percentages ranged from 140 at Skegness to 81 at Scilly.

**August** In Scotland sunshine was below the average almost everywhere except in Skye, Angus, Fife, East Lothian and in a few inland areas. Although excesses of 25 hours were fairly common, there were deficits of 30 hours in northern Scotland and parts of the Hebrides. In England and Wales sunshine was below the average except in some southern and eastern coastal areas. Percentages of average ranged from 72 at Huddersfield Oakes to 111 at Berwick

on Tweed. There were sunny spells of two or three days around the 4th and 21st.

**September** Sunshine was generally below average in Britain but above in Northern Ireland. In Scotland the dullest parts were in the extreme north-east and in the Northern Isles where deficits of 50-60 hours were recorded. Lerwick had its dullest September since records began there in 1923. There were small excesses in Ayr, Lanark, Dumfries and Moray. Though sunshine was mostly below average in England and Wales, it was above average over most of Cornwall and Devon and in a few other western districts; percentages of local average ranged from 124 at Hartland Point to 68 at Raunds.

**October** Taking England and Wales as a whole sunshine was below average, but it was above average in the north Midlands and in north-east England. It was as much as 142 per cent of the average at Huddersfield but only 69 per cent at Cardiff. In Scotland sunshine was generally above average except in the Inner Hebrides and Western Clyde.

**November** Sunshine during the month was about average in Scotland but was 20 per cent above average in Northern Ireland and in England and Wales. A few places in the Midlands and in the extreme south-west of Cornwall had less than average sunshine, percentages ranged from 84 at Scilly to 170 at Llety-even-hen. It was the sunniest November at Southampton since 1925. In Scotland sunshine was above average in all eastern districts, but elsewhere it was below. Excesses of up to 40 hours were recorded in eastern Scotland and deficits of 20 hours in the west.

**December** Outstanding features of the month's sunshine were the unusually large amounts in the Midlands, in eastern England and in southern Scotland. In England and Wales percentages ranged from 75 at Aber and Penzance to 229 at Huddersfield. In Scotland, although sunshine was below average north and west of a line from Rattray Head to Fort William, it was more than twice the average generally over the rest of the country and three times the average in the Glasgow area. At Paisley it was the sunniest December since records began there in 1885.

The following table gives the 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) for Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Year
(a)	127	119	136	81	85	107	112	91	89	100	119	139	109
(b)	101	96	109	100	83	119	89	95	83	115	101	131	102
(c)	96	113	100	93	86	101	75	95	105	106	119	110	97

The sunniest stations in each month were as follows:-

Month	Station	hours	Month	Station	hours
January	Cawood	91.8	July	Eastbourne	308.8
February	Sidmouth	114.5	August	Guernsey	
				L'ancresse	240.5
March	Shanklin	200.0	September	Dale Fort	185.4
April	Jersey Airport	201.3	October	Dunbar	152.3
May	Tiree	246.9	November	Brighton	107.1
June	Aigburth	281.7	December	Arbroath	87.2

The 10 sunniest places over the year as a whole in ranking order were:-

No.	Station	hours	No.	Station	hours
1	Shanklin	1059.1	6	Littlehampton	1004.8
2	Eastbourne	1039.3	7	Worthing	1004.5
3	Bognor	1014.5	8	Jersey (St. Helier)	1000.8
4	Ventnor	1007.8	9	Swanage	998.4
5	Sandown	1005.7	10	Jersey (Gorey Castle)	995.9

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

Scotland			Northern Ireland			Wales		
1	Dunbar	1714.5	1	Kilkeel	1505.5	1	Dale Fort	1707.9
2	Arbroath	1642.1	2	Cross Island	1414.3	2	Carmarthen	1640.5
3	Leuchars	1580.7	3	Ballyhalbert	1401.1	3	Botwnnog	1623.6

#### Fog

In England and Wales fog at 0900 GMT was less frequent during the spring than in the autumn and winter months; it occurred at one place or another on 23-25 mornings in January, August, September and October, 21 mornings in December, 17-19 in February, April, June and November, and on 14, 11 and 9 mornings in March, May and July respectively. In Scotland the frequency varied greatly from month to month, but over the year fog at 0900 GMT was about half as frequent as it was in England and Wales.

**January** Fog at 0900 GMT was reported on 14 days in Scotland and almost daily after the 5th in England and Wales. Patches of freezing fog persisted throughout the 9th in north-west England, and there was fog for most of the 14th in parts of Norfolk, on the 15th in the East Riding of Yorkshire and the East Midlands, and on the 24th in parts of the North Midlands.

**February** Early morning fog occurred on 9 days in Scotland, and except for the 14th, daily up to the 18th and also on the 22nd and 27th in England and Wales. Fog forming overnight persisted throughout the 6th in parts of south-east England and for most of the 8th in Lancashire and Cheshire. Although it occurred on the average on 3 or 4 mornings only at any one station, Onecote reported morning fog on nine different occasions during the month.



**March** Fog was less frequent than usual. In Scotland it was observed at 0900 GMT on only two days. Although in England and Wales it was reported from one place or another on 15 days, it was frequently hill fog associated with low cloud and drizzle. It rarely occurred at any one place on more than one day.

**April** In Scotland morning fog occurred on 7 days, but in England and Wales it was much more frequent being reported on 18 days, mainly during the second and fourth weeks. Hill and coast fog were fairly extensive in western districts on the 16th, 17th, 23rd, 24th and 29th.

**May** Morning fog, which was fairly widespread on the 13th and 14th and persisted over the country for much of each day, was reported on 8 days in Scotland and on 14 days in England and Wales. In southern England dense fog patches formed during the night of the 9th/10th and were slow to clear during the day.

**June** Fog was reported at 0900 GMT on 12 days in Scotland and 17 days in England and Wales. It was most widespread on the 4th and 5th in south-west England, and on the 24th and 25th along parts of the south coast from the Isle of Wight to Dover.

**July** A few places in the west and north of Scotland reported morning fog during the third and last week of the month. In England and Wales it was observed on 9 days and was fairly widespread in the south-west on the 30th.

**August** In England and Wales early morning fog was reported from one place or another almost every day after the first week. Hill fog was widespread on the 23rd and 24th and persisted with low cloud and drizzle in some coastal areas for much of both days. In Scotland morning fog was widespread on the 24th.

**September** Fog at 0900 GMT occurred on 3 days in Scotland and on 25 days in England and Wales. Patchy fog developed in northern England and southern Scotland on the night of the 22nd/23rd and persisted locally for much

of the following morning. Fairly widespread fog during the early hours of the 17th in the Midlands, parts of southern England and eastern Scotland was also slow to clear.

**October** Fog was infrequent during the month and mostly in the form of hill and coast fog in south-west England, especially during the 3rd, 8th, 10th and 20th.

**November** Morning fog was reported on 19 days in England and Wales and on 15 days in Scotland. The 7th to 9th was rather a foggy period; extensive overnight fog in the Midlands persisted all day on the 8th. The 19th to 27th was another foggy period, the fog being most persistent and slow to clear during the first few days, though in the Manchester and Carlisle areas patches persisted throughout the 26th.

**December** Local early morning fog was reported on 8 days in Scotland. In England and Wales it occurred on 21 days and was fairly widespread on the 1st, 2nd, 12th and 13th, and there were patches of freezing fog reported on the 11th and 20th.

#### Miscellaneous Phenomena

The aurora was more frequently seen during the late autumn and winter months than during the summer. It was visible in Scotland on 13 days during December and 11 in November. During the summer months it was seen on only two days in June, not at all in July and on only one day in August. A secondary maximum of 9 displays occurred in the late spring during May. Frequencies during the other months were as follows: 8 in January, 6 in February, 3 in March, 1 in April, 5 in September and 4 in October.

The displays were mainly confined to Scotland, but they were also seen from stations further south on several months. The most southerly stations to observe displays during the various months (in brackets) were: Manby (in January), Leeming (in February), Clones (in March), Pershore (in June), Jurby, Isle of Man (in October) and Acklington (in December).

**TABLE I DISTRICT VALUES FOR THE YEAR 1967**

DISTRICT	AIR TEMPERATURE °C					EARTH TEMP °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max	*Lowest Min	Max.	Min.	Mean	Mean 30 cm	Mean 122cm			
	Difference from Average							% of Average		
0 SCOTLAND, N.	22.8	-10.6	-0.1	-0.1	-0.1	+0.2	+0.1	+14	117	93
1 SCOTLAND, E.	25.0	-6.1	0.0	+0.4	+0.2	+0.1	-0.1	+7	96	105
2 ENGLAND, N. E.	28.6	-8.3	-0.1	0.0	-0.1	+0.1	0.0	-7	104	105
3 ENGLAND, E	28.3	-7.8	0.0	+0.3	+0.1	+0.2	+0.1	+3	101	101
4 MIDLANDS	29.4	-8.4	-0.1	+0.4	+0.1	+0.3	+0.2	+10	104	108
5 ENGLAND, S. E.	29.3	-9.5	+0.1	+0.4	+0.2	+0.1	0.0	+6	110	104
6 SCOTLAND, W.	23.9	-10.1	-0.3	+0.1	-0.1	+0.2	-0.1	+13	107	99
7 ENGLAND, N. W. and N. Wales	26.5	-7.2	-0.3	+0.3	+0.1	+0.2	+0.2	+18	116	105
8 ENGLAND, S. W. and S. Wales	27.8	-8.9	-0.2	+0.1	-0.1	0.0	0.0	+13	109	99
N. IRELAND	23.3	-10.2	-0.2	-0.2	-0.2	-	-	+15	106	97
SCOTLAND	25.0	-10.6	-0.1	+0.1	0.0	-	-	+13	106	99
ENG. and WALES	29.4	-9.5	-0.1	+0.3	+0.1	-	-	+7	109	104

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

**TABLE II - SUMMARY OF AUTOGRAPHIC RECORDS OF WIND - THE YEAR 1967**

The summary showing the duration of wind speed between stated limits and extreme speeds at anemograph stations, will be found at Table IX in the Wind Section.



TABLE III SUMMARY OF DAILY OBSERVATIONS FOR THE YEAR 1967

DISTRICT, COUNTY AND PLACE			Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMP °C.		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					Means of			Highest Max. & Lowest Min.	Total fall (mm.)	Percentage of 1916-50 average			Most in a Day		Precip'n		Snow or Sleet Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost †	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					A Max.	B Min.	Mean Temperatures (Mean of A & B)				Difference from 1931 - 60 average	Maximum	Minimum	30 cm.	122 cm.	Amount (mm.)												Date	0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT	Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days								BRIGHT SUNSHINE							
					Means of		Mean Temperatures (Mean of A & B)	Difference from 1931 -60 average	Highest Max & Lowest Min				Total fall (mm.)	Percentage of 1916 - 50 average	Most in a day		Precip'n or more 0.2 mm. or more 1.0 mm. or more	Snow or Sleet Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost r	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure				
					A Max.	B Min.			Maximum	Minimum	30 cm.	122 cm.			Amount (mm.)	Date																
1 SCOTLAND, E-cont																																
Midlothian	Davidson's Mains	99	61	12.0	5.5	8.7	0.0	23.9	-6.1	8.6	-	671	94	22	6 Oct	210	128	18	8	0	10	4	8	40	112	5	3.73	-	S			
- cont	Penicuik . . . . .	99	189	11.3	4.4	7.9	0.0	24.4	-8.9	8.6	-	916	97	29	22 Feb	203	161	29	12	8	0	5	9	59	134	12	3.50	-	-			
	Bush House . . . .	99	184	11.3	4.5	7.9	-	23.9	-11.1	8.5	8.3	862	95	30	22 Feb	204	160	23	9	5	0	1	4	57	115	7	4.07	-	-			
	Edinburgh -																															
	" Blackford Hill W	99	134	11.9	5.9	8.9	+0.2	24.4	-4.4	-	-	637	91	28	22 Feb	185	121	16	8	0	1	1	7	33	89	-	4.08	108	-			
	" Royal Bot. Gdn.	99	23	12.2	5.7	8.9	0.0	23.9	-7.8	9.1	-	623	92	19	15 May } 14 July }	184	114	16	5	2	6	3	7	38	135	7	3.93	108	S	-		
E. Lothian	Haddington . . . .	99	49	12.3	5.5	8.9	-	24.4	-7.8	-	-	702	108	59	14 Aug	187	122	18	6	1	7	5	43	76	12	4.04	-	S	-			
	Dumbar . . . . .	99	23	12.0	6.2	9.1	+0.3	23.9	-4.4	-	-	583	98	27	11 May	176	106	11	0	2	0	1	4	24	59	0	4.70	116	-	-		
Berwick	Mertoun . . . . .	99	69	12.2	4.5	8.3	-	25.6	-11.1	-	-	744	-	30	28 May	203	140	19	-	2	0	7	-	57	137	0	3.61	-	-	-		
	Lauder . . . . .	99	183	11.6	3.7	7.7	-	23.9	-9.4	-	-	914	-	38	22 Feb	234	165	43	11	2	1	8	19	64	-	5	3.88	-	-	-		
	Marchmont . . . .	99	152	11.4	4.7	8.1	0.0	23.9	-6.1	-	-	805	103	30	22 Feb	220	158	21	7	0	0	5	5	40	-	29	3.59	103	S	-		
	Whitchester . . . .	99	255	10.8	4.1	7.5	-	23.9	-6.7	-	-	947	111	33	15 May	231	161	43	23	6	0	10	-	61	-	9	-	-	-	-		
	St. Abb's Head . . .	99	75	10.9	6.3	8.6	-	21.7	-2.5	-	-	-	-	-	-	-	-	10	2	3	0	2	13	12	35	60	-	-	-	-		
Peebles	Stanhope Farm . . .	99	226	10.9	4.1	7.5	-	22.8	-11.1	-	-	1301	114	41	1 Nov	238	200	31	14	5	0	2	2	60	142	3	-	-	-	-	-	
	Blyth Bridge . . . .	99	253	10.5	4.1	7.3	-	22.2	-9.4	-	-	979	107	28	28 Feb	233	188	43	15	7	16	6	6	59	129	16	3.10	-	-	-	-	
	West Linton . . . .	99	244	10.8	3.6	7.2	-	23.3	-10.6	7.6	8.0	998	100	27	1 Nov	256	177	21	16	0	1	2	5	63	93	0	-	-	-	-	-	
	Glentress . . . . .	99	177	11.8	4.2	8.0	-	24.4	-11.1	-	-	892	115	32	1 Nov	222	162	-	10	-	-	-	5	55	-	-	-	-	-	-	-	
Selkirk	Bowhill . . . . .	99	183	11.6	4.5	8.1	-	24.4	-8.9	-	-	968	111	39	27 Feb	219	165	36	6	9	7	12	6	59	-	17	-	-	-	-	-	
Roxburgh	Wauchope . . . . .	99	171	11.5	3.9	7.7	-	25.0	-9.4	-	-	1029	114	34	22 Feb	221	180	28	8	7	0	7	7	74	-	9	-	-	-	-	-	
	Kelso . . . . .	99	35	12.5	4.9	8.7	-	25.0	-7.8	-	-	650	-	31	22 Feb	193	121	14	6	0	11	13	5	58	118	2	3.13	-	S	-	-	
	Sourhope . . . . .	99	274	11.0	4.2	7.6	+0.1	23.9	-7.2	-	-	1047	-	45	15 May	208	151	26	9	3	7	5	3	58	125	3	3.59	-	-	-	-	
6a SCOTLAND, W.																																
Argyll	Tiree . . . . .	21-9	9	11.2	6.8	9.0	-0.3	19.4	-2.1	-	-	1268	114	32	7 July	252	198	22	2	4	67	5	3	11	70	48	3.61	91	-	-	-	
	Rhuvaal . . . . .	21-9	20	11.2	6.9	9.1	-	21.5	-1.6	-	-	1509	102	33	4 Sept	255	204	8	0	43	0	7	2	8	17	28	-	-	-	-	-	
	Colonsay . . . . .	99	27	11.7	6.2	8.9	-0.3	21.1	-3.9	-	-	1373	102	25	4 Sept	277	223	21	-	34	0	2	16	14	-	18	-	-	-	-	-	
	Craighouse . . . .	99	3	12.2	6.4	9.3	-	22.8	-2.8	-	-	1677	-	32	3 Sept	256	224	-	5	-	-	-	2	9	-	-	-	-	-	-	-	
	Machrihanish . . . .	99	10	11.7	6.7	9.2	-	21.1	-4.4	-	-	1176	-	33	18 Oct	248	194	15	0	5	32	6	2	18	51	18	3.62	-	-	-	-	
	Campbeltown . . . .	99	3	12.1	6.7	9.4	-	21.7	-2.8	-	-	1091	-	21	1 Apr } 4 Sept }	236	194	8	0	4	0	0	121	11	-	0	3.55	-	-	-	-	-
	Polloch . . . . .	99	15	11.9	4.9	8.4	-	26.1	-7.8	-	-	2582	-	46	24 Mar	288	260	9	-	4	0	6	-	46	103	1	-	-	-	-	-	
	Achaglachgach . . .	99	12	12.1	4.9	8.5	-	22.2	-7.2	-	-	1680	108	43	8 Oct	259	230	13	-	15	0	0	0	46	115	0	-	-	-	-	-	
	Glenbranter . . . .	99	24	11.4	4.9	8.1	-	23.3	-8.3	-	-	2609	-	55	4 Sept	264	229	18	3	21	0	9	1	52	98	0	-	-	-	-	-	
	Benmore Y.B.G.* . .	99	12	11.9	5.6	8.7	-	23.9	-6.7	-	-	2479	104	43	27 Feb	275	228	20	3	6	15	7	15	45	104	0	-	-	-	-	-	
Bute	Kildonan . . . . .	99	18	11.5	7.1	9.3	-	21.4	-3.5	-	-	1216	-	33	8 Oct	248	197	8	-	10	0	5	1	9	-	47	-	-	-	-	-	
	Brodict Castle . . .	99	15	12.6	6.4	9.5	-	23.3	-3.3	10.2	-	1928	-	38	1 Apr	249	225	11	2	13	0	6	1	23	82	4	-	-	-	-	-	
	Rothsay . . . . .	99	43	11.7	6.3	9.0	0.0	22.2	-3.9	8.8	8.8	1498	105	31	20 Dec	249	210	16	2	1	17	2	2	14	65	0	3.34	94	-	-	-	
	Millport . . . . .	99	5	11.9	-	-	-	21.7	-	-	-	1160	101	31	8 Oct	232	197	15	0	7	8	2	2	-	10	-	-	-	-	-	-	
Dumbarton	Finnart . . . . .	99	15	11.9	6.2	9.1	-	22.8	-3.9	-	-	2074	-	44	3 May	249	214	19	0	25	1	4	-	24	-	10	-	-	-	-	-	
	Helensburgh . . . .	99	89	11.8	5.3	8.5	-0.1	24.4	-5.6	-	-	1314	90	31	6 Oct	250	204	3	1	0	0	0	2	49	-	4	3.12	95	S	-	-	
	Sloy . . . . .	99	12	11.7	6.3	9.0	-	24.1	-6.5	-	-	3068	-	68	5 Mar	257	222	34	-	12	0	4	0	29	-	5	-	-	-	-	-	
	Cumbernauld . . . .	99	94	11.5	4.3	7.9	-	24.4	-9.4	-	-	1185	-	46	6 Oct	233	188	23	15	6	1	6	0	62	109	21	-	-	-	-	-	-
Stirling	Earl's Hill . . . . .	99	335	9.3	3.6	6.5	-	21.9	-7.5	-	-	1391	-	(40)	27 Feb	238	191	-	-	-	-	-	42	80	110	-	3.58	-	S	-	-	
	Stirling . . . . .	99	46	12.4	5.6	9.0	0.0	25.6	-7.2	9.4	9.2	964	99	29	27 Feb	234	162	15	8	1	7	4	15	38	111	8	3.57	-	-	-	-	
	Falkirk Swge.Wks. .	99	3	12.4	5.4	8.9	-	24.4	-8.3	-	-	868	-	33	6 Oct	207	157	-	-	-	-	-	-	43	-	-	-	-	-	-	-	
	Grangemouth . . . .	99	4	12.5	5.8	9.1	-	25.0	-10.0	-	-	815	-	33	6 Oct	202	150	8	2	3	1	3	9	34	-	1	-	-	-	-	-	
Renfrew	Greenock . . . . .	99	61	11.6	6.3	8.9	-0.3	22.2	-3.3	-	-	1705	107	34	8 Oct	237	208	9	3	10	0	3	5	21	78	4	3.48	-	S	-	-	
	Paisley . . . . .	99	32	12.2	6.2	9.2	-0.2	25.6	-6.7	9.5	9.2	1220	109	45	6 Oct	233	189	24	4	13	13	5	18	27	65	6	3.63	109	-	-	-	
	Barrhead . . . . .	99	30	12.0	5.4	8.7	-	23.3	-8.9	-	-	1191	103	44	6 Oct	223	180	20	6	15	0	12	13	46	78	18	-	-	-	-	-	
	Abbotsinch . . . . .	21-9	5	12.2	5.4	8.8	-0.1	23.7	-10.1	-	-	1071	103	51	6 Oct	224	180	29	2	26	2	8	11	52	86	18	3.78	111	-	-	-	-
Lanark	Crossmyloof . . . .	99	23	12.5	5.6	9.1	-	25.6	-8.3	-	-	999	-	40	6 Oct	225	174	8	2	3	0	6	9	43	84	0	3.47	-	-	-	-	
	Thorntonhall . . . .	99	138	11.3	4.5	7.9	0.0	26.7	-7.2	-	-	1265	108	31	8 Oct	229	186	4	9	2	0	6	-	58	115	0	-	-	-	-	-	
	Glasgow																															
	Springburn . . . . .	99	107	11.5	5.4	8.5	0.0	23.9	-6.1	-	-	1084	107	44	6 Oct	237	196	21	12	9	4	4	8	39	126	1	3.33	106	-	-	-	-
	Coatbridge . . . . .	99	78	11.9	5.1	8.5	0.0	24.4	-8.3	-	-	900	100	33	6 Oct	216	165	15	3	3	0	4	5	51	-	1	-	-	-	-	-	-
	Salsburgh . . . . .	99	174	10.0	3.2	6.6	-	22.0	-7.8	-	-	-	-	-	-	-	-	19	-	4	0	5	27	93	123	27	-	-	-	-	-	

\* Younger Botanic Gardens



TABLE III (CONTINUED)

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Means of		Mean Temperatures (Mean of A & B)	Difference from 1931 - 60 average	Highest Max & Lowest Min				Total fall (mm.)	Percentage of 1916 - 50 average	Most in a Day		Precip'n		Snow or Sleet Snow lying at 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost †	Grass min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				A Max.	B Min.			Maximum	Minimum	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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TABLE III (CONTINUED)

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT	Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE					
					Means of		Mean Temperatures (Mean of A & B)	Difference from 1931 - 60 average	Highest Max & Lowest Min.				Total fall (mm.)	Percentage of 1916 - 50 average	Most in a Day		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost †	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure		
					A Max.	B Min.			Maximum	Minimum	30 cm.	122 cm.			Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more														
3 ENGLAND, E.-cont.																																
Essex - cont.	Stansted ...	9 9	101	13.2	6.1	9.7	+0.4	28.2	-7.0	-	-	700	111	48	10 Aug	167	116	21	7	3	1	17	23	48	93	4	-	-	-			
	Writtle ...	9 9	32	(13.7)	6.0	(9.9)	-	27.8	-6.7	10.3	-	588	100	27	25 June	(169)	(115)	7	4	1	3	11	10	44	112	1	4.21	-	-			
	Southend ...	9 9	27	14.5	7.3	10.9	+0.2	30.0	-5.6	-	-	489	91	26	9 April	147	106	12	5	1	(2)	6	17	29	75	7	4.54	101	-			
	Maldon ...	9 9	4	13.9	(6.4)	(10.1)	-	28.3	-6.1	-	-	581	-	32	22 July	208	111	9	-	2	0	14	16	40	-	1	-	-	-			
	Earls Colne ...	9 9	49	(14.1)	(6.0)	(10.1)	-	27.2	-7.8	10.4	10.6	549	90	17	16 Oct	149	121	-	7	-	-	11	38	102	-	-	-	-	-			
	Shoeburyness†	21-9	2	13.7	7.8	10.7	+0.3	28.2	-5.0	-	-	519	101	28	10 Aug	151	106	13	1	0	9	19	8	24	73	7	4.86	108	-			
	Clacton-on-Sea†	9 9	16	13.4	7.6	10.5	-	26.1	-5.6	11.2	11.1	515	94	22	27 Feb } 9 April	150	113	9	7	3	0	10	10	17	51	3	4.90	107	-			
	Walton-on-Naze ...	21-9	5	13.1	7.6	10.3	-	25.6	-5.3	-	-	515	-	25	2 Aug	157	108	18	7	2	3	16	15	22	53	7	5.06	-	-			
Dovercourt ...	9 9	3	13.3	6.3	9.8	-0.4	26.1	-5.6	-	-	543	99	23	22 July	151	119	-	-	-	-	-	-	45	79	-	-	-	-	-			
4 MIDLAND COUNTIES																																
Yorks., W. Riding	Slaiburn ...	9 9	192	11.2	(4.9)	(8.1)	-	23.9	-8.9	-	-	1906	121	61	16 Oct	259	199	22	9	2	1	1	12	54	93	0	3.36	-	-	-		
	Malham Tarn ...	9 9	395	9.3	(4.0)	(6.7)	-	22.2	-8.3	8.2	-	1748	114	48	16 Oct	248	210	26	16	10	1	12	39	68	141	2	-	-	-	-		
	Huddersfield †	9 9	99	(12.7)	(6.1)	(9.4)	-	26.7	-6.1	9.4	9.6	958	121	54	9 Aug	195	148	-	7	-	-	-	28	-	-	-	3.55	115	-	-		
	" Oakes ...	21-9	235	11.7	5.4	8.5	-	25.3	-5.0	8.9	8.7	1144	120	54	27 Feb	235	170	22	6	3	17	38	26	47	115	28	3.41	100	-	-		
	Bradford †	9 9	134	12.0	5.8	8.9	0.0	26.1	-6.1	9.3	9.4	974	114	52	16 Oct	221	156	20	8	15	2	21	17	43	76	10	-	-	-	S		
	Ilkley ...	9 9	96	(12.6)	(5.7)	(9.1)	+0.2	25.6	-6.7	-	-	1084	113	54	16 Oct	181	159	13	10	6	0	19	19	48	-	0	3.63	104	S	-		
	Sheffield ...	9 9	131	(13.0)	(6.4)	(9.7)	+0.1	28.9	-3.9	-	9.9	(802)	(103)	47	14 May	(180)	(142)	15	-	0	2	11	-	34	79	0	3.62	107	-	-		
	Pontefract ...	9 9	78	(12.7)	(6.1)	(9.4)	+0.2	27.2	-4.4	-	-	693	114	45	14 May	173	115	12	7	2	3	17	24	33	46	1	-	-	-	-		
	Bramham ...	9 9	54	12.7	(5.2)	(8.9)	-	26.7	-5.6	-	-	746	111	44	14 May	181	136	18	6	0	3	13	-	46	85	0	3.84	-	-	-		
	Cawood ...	9 9	6	(13.1)	(5.5)	(9.3)	-	27.2	-5.6	9.4	9.7	726	116	41	13 July	165	119	5	4	4	0	11	14	51	98	6	4.50	-	-	-		
	Askham Bryan ...	9 9	34	(12.8)	(5.6)	(9.2)	-	26.7	-5.0	-	-	(672)	(102)	37	14 May	179	113	7	4	0	2	9	24	43	91	0	3.91	110	-	-		
	Derby	Buxton ... †	9 9	307	10.7	4.9	7.8	0.0	23.3	-7.2	8.4	8.8	1254	102	40	16 Oct	226	185	27	9	0	2	6	39	49	66	11	-	-	-	-	
Derby ...		9 9	48	(13.6)	6.4	(10.0)	-	28.9	-7.2	-	-	601	82	45	16 Oct	186	123	12	0	1	2	12	13	40	-	2	3.86	-	-	-		
Chesterfield ...		9 9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Notting- ham	Sutton Bonington	9 9	48	(13.5)	5.7	(9.6)	+0.2	28.9	-6.7	9.8	10.1	605	104	56	16 Oct	192	116	12	5	3	0	14	3	43	128	0	3.92	108	-	-		
	Watnall ...	21-9	118	13.2	5.9	9.5	+0.2	30.2	-5.6	-	-	669	97	46	16 Oct	186	120	26	3	9	6	22	21	44	93	6	3.46	95	-	-		
	Nottingham T.C.*	9 9	48	(13.7)	(6.1)	(9.9)	-	28.3	-7.2	-	-	625	-	47	16 Oct	167	111	-	-	-	-	-	23	38	70	-	3.83	-	-	-		
	Mansfield ...	9 9	110	(12.6)	6.1	(9.3)	(0.0)	27.8	-5.6	9.7	-	700	100	44	16 Oct	164	124	15	9	1	0	2	25	33	-	0	-	-	-	-		
	Nottingham †	9 9	59	(13.4)	6.5	(9.9)	+0.1	28.9	-5.0	9.8	10.0	577	94	44	16 Oct	165	112	11	2	3	3	9	10	32	64	1	3.62	107	-	-		
Leicester	Warsop ...	9 9	46	-	(4.8)	-	28.3	-7.8	-	-	-	618	105	44	14 May	171	108	-	1	-	-	-	-	22	61	129	-	(3.82)	-	-	-	
	Finningley ...	21-9	10	13.8	6.4	10.1	+0.4	30.0	-5.2	-	-	574	-	38	14 May	165	106	17	3	3	5	20	14	36	62	0	3.93	-	-	-		
	Newtown Linford	9 9	119	12.9	5.3	9.1	-	27.8	-6.7	-	-	680	99	35	14 May	195	131	-	4	-	-	-	-	12	42	108	-	3.77	-	-	-	
	Caldecott ...	9 9	53	14.0	5.1	9.5	-	29.4	-8.3	-	-	570	99	18	10 April	167	120	-	3	-	-	-	-	11	56	94	-	3.95	-	-	-	
	Bugbrooke Mills	9 9	69	-	-	-	-	-	-7.2	9.9	10.1	595	99	22	14 May	155	118	-	4	-	-	-	-	17	-	-	-	4.06	-	-	-	
North- ampton	Raunds ... †	9 9	59	13.7	5.6	9.7	+0.2	29.4	-6.1	10.4	10.3	550	95	21	25 June	174	115	-	6	-	-	-	-	18	50	86	-	3.94	105	-	-	
	Warwick	9 9	137	-	-	-	-	-	-5.6	-	-	(775)	(101)	36	16 Oct	189	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stafford	Edgbaston ...	21-9	163	12.6	6.8	9.7	+0.1	27.7	-5.2	9.2	10.0	766	98	41	16 Oct	209	131	29	9	16	3	15	13	26	64	0	3.69	104	-	-		
	Luddington ...	9 9	42	13.8	5.8	9.8	-	28.9	-8.3	-	-	611	102	27	4 Nov	175	122	7	6	3	5	11	10	49	111	0	4.00	-	-	-	-	
	Stratford on Avon	9 9	49	(14.2)	5.2	(9.7)	-	29.4	-8.9	10.7	-	664	109	25	4 Nov	185	125	8	5	2	1	10	9	54	111	4	4.07	-	-	-	-	
	Elmdon ...	21-9	97	13.2	5.8	9.5	+0.3	28.6	-7.6	-	-	754	111	37	16 Oct	194	133	23	6	20	4	16	15	42	93	2	3.88	-	-	-	-	
	Shipston on Stour	9 9	111	13.1	6.0	9.5	-	28.9	-6.7	10.1	-	799	118	34	14 May	199	140	12	7	14	0	16	13	38	101	15	4.16	-	-	-	-	
	Wellesbourne ...	9 9	47	-	-	-	-	28.9	-	-	-	647	102	29	12 May	177	125	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Coventry ...	9 9	107	(12.9)	(5.7)	(9.3)	-	25.6	-6.1	(9.9)	(10.1)	(733)	-	30	27 May	169	137	-	-	-	-	-	-	46	-	0	-	-	-	S	-	
	Moreton Morrell	9 9	85	13.4	5.8	9.6	-	28.3	-7.2	-	-	673	105	24	14 May	171	126	9	6	2	2	16	16	41	91	4	4.19	-	-	-	S	-
	Rugby ...	9 9	117	(13.2)	(5.7)	(9.5)	+0.2	27.8	-7.2	10.2	10.6	678	105	23	14 May	181	127	-	10	-	-	-	-	41	81	-	-	-	-	-	-	
	Oxford	9 9	63	13.8	6.8	10.3	+0.2	28.3	-7.2	10.7	10.8	699	107	44	22 July	181	125	12	8	2	0	15	14	33	73	1	4.46	109	-	-	-	-
	Bucking- ham	Medmenham	9 9	30	14.3	4.8	9.5	-	28.9	-11.1	-	-	770	-	46	22 July	164	122	-	-	-	-										



TABLE III (CONTINUED)

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT	Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURES IN DEGREES CELSIUS						MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					Means of		Mean Temperatures (Mean of A & B)	Difference from 1931 - 60 average	Highest Max & Lowest Min.				Total fall (mm.)	Percentage of 1916 - 50 average	Most in a Day		Precip'n		Snow or Sleet	Snow lying at 9hr.	Hall	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost †	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					A Max.	B Min.			Maximum	Minimum	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE III (CONTINUED)

DISTRICT COUNTY AND PLACE		Max. Terminal hr. GMT	Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS					MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					Means of		Mean Temperatures (Mean of A & B)	Difference from 1931 - 60 average	Highest Max & Lowest Min			Total fall (mm. )	Percentage of 1916 - 50 average	Most in a Day		Precip'n.		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost ↑	Grass min. below 0°C	Gale	Daily Mean (hr. )	Percentage of 1931 - 60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE III (CONTINUED)

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT	Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)				Precip'n.		WEATHER (Number of Days)							BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					means of		Mean Temperatures (Mean of A & B)	Difference from 1931 - 60 average	HighestMax & LowestMin				Total fall (mm.)	Percentage of 1916 - 50 average	Most in a day				Snow or Sleet	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
A Max.	B Min.	Maximum	Minimum	30 cm.	122 cm.	Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more	Snow lying at 9hr.	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931 - 60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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TABLE III (CONTINUED)

DISTRICT, COUNTY AND PLACE			Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS						MEAN EARTH TEMP °C		RAINFALL (Terminal hour 9 GMT)			Precip'n.		WEATHER (Number of Days)								BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					means of		Mean Temperatures (Mean of A & B)	Difference from 1931 - 60 average	Highest Max & Lowest Min				Total fall (mm.)	Percentage of 1916 - 50 average	Most in a day			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost †	Grass min. below 0°C			Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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TABLE IV SUMMARY OF OBSERVATIONS AT FIXED HOURS FOR THE YEAR 1967

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)					WIND SPEED AND DIRECTION																				
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m. 200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	Beaufort Force					N	N.E.	E	S.E.	S.	S.W.	W	N.W.		
																								8 or more	6, 7	4, 5	1-3	Calm										
																								34 or more	22-33	11-21	1-10	0										
																								Number of Observations														
0 SCOTLAND, N.																																						
Zetland	3	1007.1	-	6.4	0.6	9.0	91	6.4	4	34	43	107	157	20	1	14	4	5	7	16	69	87	93	69	10	67	138	133	17	50	16	12	37	66	56	69	42	
Lerwick	9	1007.2	-2.9	7.3	0.8	9.2	88	6.8	1	14	48	140	140	22	2	15	5	8	7	19	62	80	97	70	9	72	163	109	12	45	28	15	36	71	51	77	30	
Orkney	15	1007.4	-	7.8	1.1	9.3	85	6.6	1	19	46	163	122	14	0	10	4	3	9	17	67	75	103	77	14	73	170	105	3	32	31	13	39	68	56	81	42	
	21	1007.7	-	6.7	0.7	9.1	90	6.4	1	42	39	122	141	20	1	15	4	6	10	17	73	83	107	49	11	67	139	134	14	50	19	16	39	61	73	55	38	
	9	1008.0	-	7.0	0.7	9.3	90	5.9	6	59	39	125	129	7	0	2	3	6	5	7	62	83	156	41	12	64	138	135	16	38	10	16	41	74	51	85	34	
	26m.	9	1008.2	-2.2	8.1	1.0	9.6	86	6.2	1	39	44	175	102	4	0	1	2	2	7	3	58	67	147	78	21	70	158	110	6	41	17	23	32	79	46	81	40
Caithness	15	1008.3	-	9.2	1.5	9.7	81	6.0	2	35	63	172	93	0	0	0	0	3	2	49	56	155	100	21	75	166	98	5	37	19	21	48	65	32	98	40		
	21	1008.6	-	7.4	0.8	9.4	88	6.0	3	51	60	127	121	3	0	2	0	1	6	62	81	145	67	15	64	148	122	16	39	15	22	45	62	44	91	31		
	9	1008.2	-	6.7	0.7	9.1	89	5.5	14	67	50	124	97	13	1	7	1	9	6	6	42	77	138	78	2	29	137	190	7	29	9	19	43	76	50	91	41	
	37m.	9	1008.5	-2.4	8.0	1.1	9.4	85	6.0	0	40	64	184	70	7	0	2	1	4	4	9	41	56	116	132	2	44	166	151	2	39	13	19	46	81	40	81	44
Sutherland	15	1008.5	-	9.2	1.6	9.5	79	6.0	1	40	59	193	70	2	0	0	1	2	5	46	63	102	144	7	51	174	133	0	30	18	37	53	63	28	79	57		
	21	1008.8	-	7.4	0.9	9.3	87	5.6	6	63	60	144	84	8	0	3	1	5	8	58	66	121	98	5	28	129	198	5	30	17	22	63	64	48	79	37		
	9	1007.1	-	7.6	0.7	9.6	90	6.3	0	25	81	101	143	15	0	8	4	3	0	0	10	22	106	212	27	92	103	122	21	18	25	31	35	26	127	47	35	
	113m.	9	1007.6	-	8.0	0.8	9.7	88	6.6	0	13	66	130	148	8	0	6	2	2	4	16	38	107	188	35	83	104	118	25	18	26	30	33	20	131	42	40	
Ross & Cromarty	15	1007.8	-	8.5	0.9	10.1	88	6.5	0	17	68	123	143	14	0	8	2	4	2	2	32	116	178	35	84	109	123	14	19	24	36	30	15	135	49	43		
	21	1007.8	-	7.8	0.7	9.8	90	6.3	1	21	83	100	146	14	0	6	4	3	2	0	20	35	103	192	30	83	113	122	17	24	25	38	37	15	127	54	28	
	9	1008.6	-	7.1	0.5	9.6	92	5.3	20	71	52	117	104	1	0	11	0	1	2	45	140	157	18	3	38	138	154	32	31	15	19	27	81	68	49	43		
	5m.	9	1009.1	-1.4	8.6	1.0	9.9	87	6.0	2	28	83	174	78	0	0	0	0	1	5	51	111	131	65	3	48	174	129	11	39	22	27	23	83	72	54	34	
Inverness	15	1009.2	-	9.6	1.4	10.1	82	6.1	2	39	56	175	93	0	0	0	0	0	2	6	41	105	118	93	3	47	205	101	9	28	33	21	24	80	63	69	38	
	21	1009.3	-	7.7	0.7	9.8	90	5.3	18	64	65	119	99	0	0	0	0	0	2	48	131	142	42	1	36	155	153	20	41	22	23	16	91	70	62	30		
	9	1008.7	-	7.9	0.8	9.7	89	5.8	11	41	72	128	112	1	0	0	2	1	15	41	94	146	65	10	75	163	95	22	49	14	15	40	62	68	59	36		
	6m.	9	1009.3	-1.4	9.0	1.1	9.9	84	6.0	1	39	75	172	77	1	0	0	3	3	23	38	89	118	91	7	77	191	81	9	38	20	17	40	70	65	67	39	
Benbecula	15	1009.4	-	9.9	1.5	10.1	81	6.0	3	37	65	186	73	1	0	0	0	2	4	10	48	81	115	105	6	86	208	61	4	35	18	20	31	73	77	74	33	
	21	1009.5	-	8.4	0.9	9.8	87	5.7	4	52	73	139	96	1	0	0	0	2	3	15	35	93	130	87	9	65	181	100	10	50	18	16	43	72	62	61	33	
1 SCOTLAND, E.																																						
Moray	3	1009.3	-	7.1	1.1	8.9	85	5.8	10	44	62	149	99	1	0	1	0	5	1	5	41	53	111	148	2	32	145	175	11	12	7	37	13	64	136	55	30	
Kinloss	9	1009.6	-1.7	8.9	1.6	9.3	79	6.0	2	41	53	206	62	1	0	1	0	1	3	1	35	56	94	174	1	35	173	150	6	28	11	29	15	48	112	89	27	
	15	1009.4	-	10.7	2.4	9.5	73	6.0	1	38	48	224	53	1	0	1	0	2	0	1	30	47	111	173	7	55	183	118	2	41	28	37	19	29	86	87	36	
Aberdeen	21	1009.9	-	8.1	1.2	9.3	83	5.8	6	47	61	155	93	3	0	0	2	4	1	2	46	63	122	125	2	36	143	182	2	20	12	49	18	52	114	75	23	
Dyce	9	1009.2	-	6.5	1.0	8.5	85	5.4	24	50	68	134	83	6	0	13	10	11	22	55	102	69	92	0	23	124	143	75	20	5	5	23	55	66	61			
Angus	9	1009.5	-2.5	8.4	1.7	8.8	78	5.6	1	63	51	179	68	3	0	0	2	1	7	39	49	72	68	127	0	24	166	145	30	30	5	17	26	66	58	77	56	
	15	1009.3	-	10.2	2.3	9.2	72	5.8	0	47	70	186	62	0	0	0	0	2	36	59	73	79	116	0	38	214	105	8	32	5	31	35	84	46	66	58		
	21	1009.8	-	7.5	1.2	8.9	83	5.4	16	64	57	143	82	3	0	0	3	13	50	47	113	62	77	1	13	131	175	45	19	6	12	26	64	56	79	58		
	35m.	9	1009.2	-	7.2	0.8	9.3	88	4.8	25	89	62	71	111	7	0	24	3	6	11	30	43	45	216	3	22	117	180	43	42	7	4	15	30	70	113	41	
Usan	9	1009.7	-	8.5	1.3	9.5	83	5.4	1	65	91	106	92	10	0	16	7	4	6	35	42	73	191	3	25	148	147	42	39	13	8	16	41	74	95	37		
	15	1009.5	-	10.2	1.8	10.0	78	5.6	1	47	90	136	87	4	0	13	3	5	12	42	45	74	180	2	45	149	147	22	40	12	18	24	65	67	93	24		
Fife	21	1009.8	-	8.1	1.0	9.5	85	5.0	21	87	60	74	114	9	1	25	3	3	14	40	33	59	205	1	18	140	171	35	38	21	12	16	38	68	106	31		
Leuchars	9	1009.8	-	8.7	0.9	8.9	87	5.4	18	63	50	125	100	9	0	4	6	4	12	53	72	127	81	1	33	132	167	32	21	13	17	18	13	141	93	17		
Midlothian	9	1010.3	-2.0	8.6	1.5	9.4	81	5.7	1	66	55	157	80	6	0	14	3	5	13	49	77	101	112	0	26	180	135	24	18	15	25	22	22	124	94	21		
	12m.	15	1009.9	-	10.8	2.3	9.7	73	5.8	1	44	74	171	75	0	0	0	2	5	13	37	74	116	118	0	40	207	110	8	13	17	54	21	30	108	85	29	
	21	1010.4	-	7.9	1.2	9.3	83	5.4	16	68	55	118	100	8	0	33	5	3	19	56	84	114	78	0	23	136	175	31	22	26	24	21	22	119	82	18		
	44m.	9	1010.9	-	6.9	0.9	9.0	87	5.6	21	54	44	137	104	5	0	2	2	9	18	69	166	84	13	1	24	10											



TABLE IV (CONTINUED)

DISTRICT, COUNTY STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)										WIND SPEED AND DIRECTION																							
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39 m.	40-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.									
																									34 or more	8 or more	6, 7	4, 5	1-3									Calm								
Number of Observations																																														
6b ISLE OF MAN -cont.	3	1012.3	-	8.5	0.6	10.4	91	5.7	10	46	79	101	129	0	1	0	0	0	4	10	31	76	139	104	13	67	158	118	9	21	24	15	36	43	99	78	40									
Point of Ayre	9	1012.9	-	9.6	0.9	10.7	88	6.2	4	29	58	175	99	0	0	0	0	2	1	11	30	74	183	64	6	79	176	96	8	25	22	8	46	48	84	86	38									
2 ENGLAND, N.E.	15	1012.6	-	11.3	1.6	11.0	81	6.1	2	28	64	181	90	0	0	1	0	0	1	12	30	70	186	65	8	71	182	101	3	20	16	15	49	43	87	90	42									
	21	1012.7	-	9.3	0.9	10.6	88	5.9	5	43	69	128	119	1	1	0	0	0	1	4	30	73	156	100	4	68	174	109	10	21	20	17	30	60	88	83	36									
	Northumberland	3	1011.2	-	6.9	0.7	9.2	89	5.0	27	74	67	84	105	8	0	6	3	9	13	26	66	91	111	40	2	30	103	204	26	29	10	5	18	44	48	143	42								
Acklington	9	1011.6	-1.4	8.8	1.4	9.7	82	5.9	0	41	67	174	81	2	0	0	0	4	5	37	73	85	79	79	3	30	150	174	8	38	19	11	23	49	48	134	35									
Tynemouth	15	1011.3	-	10.6	2.0	9.9	75	5.8	3	36	76	180	70	0	0	0	0	10	31	64	78	97	85	4	42	180	136	3	34	32	16	47	32	55	113	33										
	21	1011.8	-	7.8	0.9	9.6	87	5.2	21	70	164	107	97	6	0	6	1	3	14	37	82	116	80	26	4	24	104	209	24	24	13	7	22	52	48	135	40									
	40m	9	1012.4	-1.0	8.8	1.1	9.5	81	5.8	10	39	76	126	109	5	1	3	0	5	22	58	121	107	48	0	4	44	167	132	18	40	8	8	19	66	45	139	22								
Seabouses	15	1012.1	-	10.5	2.1	9.7	75	5.8	9	21	106	134	92	3	0	1	2	4	15	45	108	131	59	0	7	59	173	118	8	41	19	15	37	64	29	136	16									
	21	1012.4	-	8.9	1.1	9.8	83	5.4	42	34	65	97	122	5	1	6	1	5	14	39	108	169	22	0	3	35	155	146	26	29	12	8	14	71	44	137	24									
	12m	3	1011.1	-	7.7	1.2	9.0	83	4.9	13	98	66	72	109	7	5	0	4	10	14	89	117	110	13	4	21	93	224	23	37	9	6	5	66	46	157	16									
Yorks, N. Riding	15	1011.3	-	10.6	2.2	9.6	73	5.5	0	48	103	141	70	3	1	2	0	6	11	20	81	62	68	114	5	31	126	191	12	46	15	31	20	62	27	136	16									
	21	1011.6	-	8.5	1.5	9.0	80	4.9	10	92	79	74	102	8	1	5	1	8	12	17	81	103	106	31	1	20	97	217	30	32	9	10	16	71	51	126	20									
	33m	3	1012.5	-	7.5	0.9	9.3	86	5.3	38	57	45	89	129	7	0	4	4	11	21	47	70	98	76	34	0	8	101	183	73	37	10	2	20	83	45	69	28								
Leeming	9	1013.0	-	9.0	1.5	9.6	81	6.0	2	50	46	164	102	1	0	2	1	12	14	39	68	71	67	91	1	17	147	172	28	38	22	1	24	93	36	85	38									
	15	1012.5	-	11.8	2.6	10.1	71	5.9	1	47	66	166	85	0	0	1	1	5	10	27	62	90	70	100	0	26	184	142	13	32	34	1	24	66	49	103	43									
	21	1013.0	-	8.8	1.3	9.7	82	5.3	20	65	56	119	95	10	0	5	4	12	18	39	70	93	66	58	0	9	115	193	48	83	4	16	73	52	77	44										
Whitby Coastguard	9	1013.0	-	8.9	1.3	9.9	83	5.6	3	50	75	153	73	11	2	5	2	5	3	6	99	182	60	1	10	57	160	127	11	23	8	16	20	87	82	72	46									
	66m	15	1012.7	-	10.7	1.9	10.2	77	5.6	5	40	95	149	73	3	0	3	0	2	4	6	92	178	78	2	15	71	154	113	12	26	14	34	32	64	57	78	48								
	21	1013.1	-	8.8	1.2	9.9	85	4.9	33	71	69	98	89	5	1	4	1	2	3	12	122	185	35	0	10	44	150	149	12	25	8	12	29	97	83	72	27									
Yorks, E. Riding	3	1013.0	-	7.4	0.8	9.5	89	5.0	33	70	43	94	110	15	0	12	6	7	15	45	107	115	41	17	0	9	134	171	51	23	8	8	15	56	73	105	26									
	9	1013.5	-0.5	9.3	1.4	9.9	81	5.9	4	49	53	166	91	2	0	1	1	5	19	25	101	125	42	46	0	17	175	140	33	29	14	18	16	49	64	117	25									
	15	1013.1	-	11.8	2.6	10.1	71	5.9	1	37	75	179	71	2	0	1	1	2	8	23	77	137	69	47	1	20	202	132	10	30	22	25	25	50	54	123	26									
Kilnsea	21	1013.5	-	8.7	1.2	9.9	85	4.9	38	77	56	82	106	6	1	5	0	8	20	29	124	104	49	25	0	5	134	190	36	25	14	15	30	56	64	102	23									
	3	1013.8	-	8.0	0.7	10.1	90	5.1	51	29	90	68	118	9	0	8	2	4	9	12	75	254	0	1	8	68	174	100	15	21	18	16	10	53	62	125	45									
	16m	9	1014.3	+0.1	9.0	1.1	10.3	86	5.9	18	22	102	98	120	5	0	5	4	6	10	19	92	227	2	0	12	69	174	97	13	31	22	18	15	40	61	137	28								
Lincoln	15	1014.0	-	10.8	1.7	10.6	79	6.1	5	17	98	130	105	10	1	8	5	2	6	24	102	217	0	0	12	76	176	89	12	30	24	24	35	41	52	111	36									
	21	1014.3	-	9.1	1.0	10.5	87	5.2	51	25	90	63	127	9	0	6	2	3	5	14	92	243	0	0	4	69	178	102	12	31	20	20	17	68	46	107	44									
	3	1013.7	-	7.3	0.7	9.6	90	5.2	54	46	43	78	138	6	0	7	8	18	46	101	100	63	14	0	0	11	116	232	6	32	17	11	22	57	126	65	29									
Waddington	9	1014.1	-0.7	9.1	1.3	10.1	84	5.9	10	45	52	146	110	2	0	5	1	5	16	42	102	89	15	0	10	107	173	178	4	34	21	17	20	45	114	81	29									
	15	1013.6	-	11.7	2.3	10.4	72	5.9	7	43	54	172	87	2	0	6	5	3	10	23	77	92	130	25	0	19	193	150	3	32	26	17	19	59	82	83	44									
	21	1014.2	-	8.7	1.1	10.0	85	4.9	45	60	69	87	103	1	0	5	4	4	17	34	88	132	73	8	0	2	133	220	10	22	27	27	20	70	98	53	38									
Binbrook	3	1013.4	-	7.0	0.7	9.4	89	5.5	38	47	44	100	125	11	1	7	5	10	15	37	134	95	51	10	0	22	162	161	20	17	10	13	15	64	116	73	37									
	9	1013.9	-	8.7	1.4	10.3	82	6.0	4	45	48	168	94	6	0	7	4	4	7	36	119	119	63	6	1	32	193	124	15	26	18	14	20	57	103	82	30									
	109m	15	1013.4	-	11.1	2.4	9.8	72	6.1	6	29	65	181	82	2	0	3	0	10	6	23	83	139	79	22	2	39	192	124	8	25	29	24	13	56	87	91	32								
Manby	21	1013.9	-	8.2	1.1	9.6	84	5.3	36	57	52	116	97	7	0	5	5	3	13	32	132	124	45	6	0	18	168	152	27	24	12	18														



TABLE IV (CONTINUED)

DISTRICT, COUNTY STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)					VISIBILITY (Metres and Kilometres)							WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3 - 5	6 - 7	8	9	0-39 m.	4-190 m.	200-390 m.	400-590 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									Speed in Knots													
																									34 or more	22-33	11-21	1-10	0									
																									8 or more	6, 7	4, 5	1-3	Calm									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
4 MIDLAND COUNTIES -cont.																																						
Finningley	14m.	3	1013.4	-	7.6	0.8	9.7	88	5.1	67	42	33	94	119	10	1	8	3	5	20	51	135	104	32	6	0	6	89	210	60	32	1	10	16	83	50	76	37
		9	1013.9	-0.5	9.7	1.6	10.0	80	5.7	16	53	49	139	103	5	1	5	1	7	27	36	129	113	43	3	0	11	146	173	35	47	13	9	19	71	43	91	37
		15	1013.3	-	12.6	2.9	10.3	69	5.8	11	37	68	162	85	2	1	0	1	5	12	25	103	141	66	11	0	21	166	161	17	37	17	17	62	53	101	45	
		21	1013.9	-	9.3	1.3	10.1	83	4.6	60	64	50	101	87	3	0	2	3	5	17	46	163	97	31	1	0	2	118	206	39	32	11	22	24	70	50	86	31
		3	1014.3	-	7.3	0.7	9.7	90	5.3	57	37	47	83	126	15	0	7	9	9	18	62	103	103	50	4	0	9	118	219	19	32	18	12	15	57	75	100	37
		9	1014.7	-0.4	9.4	1.4	10.1	83	5.8	10	43	61	138	104	9	0	8	1	9	19	35	66	112	93	22	0	15	167	168	15	37	20	17	18	55	69	103	31
	67m.	15	1014.2	-	12.4	2.8	10.3	70	6.0	6	38	61	160	99	1	0	1	0	1	4	30	68	108	114	39	1	20	185	149	10	30	30	13	19	54	72	101	36
		21	1014.7	-	9.0	1.2	10.1	84	5.1	32	59	76	95	100	3	0	3	1	3	14	45	108	114	74	3	0	4	133	215	13	22	30	17	20	64	75	80	44
		9	1015.4	+0.2	8.9	1.4	9.7	83	5.7	12	37	80	154	75	7	1	2	5	5	24	46	112	99	55	16	0	2	94	268	1	33	16	21	24	87	80	70	33
		15	1014.7	-	11.8	2.8	9.7	69	5.9	7	23	99	146	86	4	0	0	2	4	20	24	86	85	90	54	0	6	150	209	0	26	17	19	23	79	67	89	45
		21	1015.4	-	9.4	1.5	9.9	81	5.1	30	63	67	95	105	5	0	1	2	6	22	29	118	115	59	13	0	1	101	262	1	29	17	23	21	91	72	71	40
		3	1014.5	-	7.2	0.7	9.5	89	5.4	33	60	44	81	142	5	1	2	4	11	34	58	106	111	34	4	0	5	90	206	64	20	13	9	20	66	89	53	31
165m.	9	1014.9	-	9.2	1.4	9.9	82	6.0	5	49	45	168	90	8	0	2	1	12	15	75	115	135	9	1	0	15	135	198	17	41	21	14	27	68	85	57	38	
	15	1014.3	-	11.9	2.7	10.0	70	6.1	5	25	75	167	92	1	0	1	0	2	11	41	106	165	36	3	0	21	194	142	8	25	25	20	18	61	79	81	48	
	21	1014.9	-	9.0	1.3	9.9	83	5.2	31	55	89	101	106	3	1	0	1	9	41	79	135	90	7	2	0	10	101	220	34	35	11	16	25	71	80	52	41	
	3	1014.1	-	7.4	0.7	9.6	90	5.6	25	42	60	117	116	5	0	5	4	6	17	30	60	89	117	37	0	4	82	217	62	25	6	19	18	57	70	80	28	
	9	1014.6	-	9.3	1.4	10.0	82	6.2	7	34	55	192	72	5	1	3	1	5	9	23	70	84	120	49	0	12	140	183	30	32	9	19	23	55	69	94	34	
	15	1014.0	-	11.9	2.6	10.1	71	6.0	2	34	60	200	68	1	0	1	0	3	9	12	67	82	109	82	0	18	178	154	15	43	10	18	21	60	48	99	51	
76m.	21	1014.5	-	8.7	1.1	10.0	85	5.4	24	48	64	126	102	1	0	3	2	6	16	23	74	78	112	51	0	3	92	236	34	48	5	17	20	61	72	81	27	
	9	1015.2	-	9.7	1.5	10.2	81	5.9	5	44	59	161	92	4	0	1	1	10	10	25	89	97	90	42	0	14	159	159	33	33	24	21	10	42	110	72	20	
	9	1015.1	-0.2	9.8	1.5	10.2	81	5.8	9	48	59	131	114	4	0	2	3	17	16	103	51	157	13	0	1	66	281	17	33	26	21	10	44	116	82	16		
	15	1014.4	-	12.6	2.9	10.2	68	5.8	7	43	83	122	109	1	0	1	0	5	16	83	51	186	23	0	1	115	245	4	27	29	24	9	46	101	101	24		
	21	1015.1	-	9.7	1.4	10.3	82	5.3	25	72	44	95	126	3	0	2	2	1	6	20	106	51	158	19	0	1	56	283	25	16	27	26	12	45	137	66	11	
	3	1015.3	-	8.4	0.7	10.4	90	5.2	47	49	48	88	130	3	0	3	2	4	16	40	133	135	32	0	1	4	79	217	64	28	16	22	16	48	86	72	13	
60m.	9	1015.8	+0.1	10.0	1.3	10.7	84	5.9	9	30	79	143	100	4	0	1	1	8	23	46	92	108	73	13	0	4	132	202	27	34	28	11	19	52	96	79	19	
	15	1015.2	-	12.4	2.5	10.9	74	5.7	2	47	84	145	86	1	0	0	0	1	10	26	75	110	89	54	0	13	171	172	9	36	25	11	17	50	88	101	28	
	21	1015.8	-	9.9	1.2	10.7	85	5.1	33	62	74	86	109	1	1	0	1	9	43	136	133	39	2	0	6	101	213	45	24	22	17	14	56	84	92	11		
	3	1015.2	-	8.7	0.9	10.4	89	5.4	41	43	46	108	120	7	0	4	0	6	19	33	136	103	57	7	0	7	64	212	82	28	13	4	12	80	111	24	11	
	9	1015.6	-	10.3	1.5	10.7	82	6.1	5	34	59	167	91	9	0	2	4	15	12	42	86	98	73	33	0	6	106	203	50	37	24	10	18	65	112	35	14	
	15	1015.1	-	13.3	2.9	10.9	69	6.1	5	28	73	167	89	3	0	1	0	6	7	19	88	91	84	69	0	3	149	197	16	39	29	12	10	69	115	39	36	
24m.	21	1015.6	-	10.3	1.4	10.8	83	5.3	35	48	55	109	114	4	0	2	0	8	23	44	120	89	58	21	0	3	79	225	55	19	18	15	24	83	112	28	11	
	3	1014.9	-	7.2	0.6	9.7	91	5.6	37	51	38	68	146	25	0	19	16	4	16	32	107	98	53	20	1	7	115	224	18	43	23	18	10	40	92	94	27	
	9	1015.3	-0.1	8.5	1.1	10.0	86	6.0	8	38	61	146	93	19	0	16	7	6	16	23	81	91	79	46	0	10	155	186	14	38	32	23	8	42	94	87	27	
	15	1014.6	-	11.2	2.4	9.9	73	6.1	6	26	64	171	89	9	1	9	1	4	5	12	72	88	89	48	1	20	176	163	5	33	38	18	7	41	77	107	39	
	21	1015.4	-	8.5	1.1	9.9	86	5.2	30	63	57	91	114	10	0	6	6	10	10	28	86	114	85	24	0	11	123	224	7	30	25	24	11	45	100	88	35	
	3	1015.3	-	8.4	0.8	10.2	89	5.2	51	49	44	94	122	5	1	2	2	6	15	45	97	143	52	2	0	5	100	228	32	35	16	19	20	62	81	85	15	
Greater London	9	1015.7	-	10.2	1.5	10.5	81	5.8	7	58	47	151	99	3	0	0	1	2	20	41	97	122	75	17	0	5	141	200	19	38	18	16	15	72	79	93	15	
	15	1015.0	-	13.2	3.1	10.4	67	5.9	5	38	72	163	86	1	0	0	0	1	6	20	67	135	98	38	0	9	206	144	6	35	16	18	12	57	90	88	43	
	21	1015.0	-	10.3	1.6	10.5	81	4.8	44	67	58	107	88	1	0	1	0	1	15	42	94	159	50	3	0	7	110	239	9	32	24	20	16	82	84	76	22	
	9	1015.8	+0.1	10.6	1.6	10.5	79	5.5	14	67	54	118	111	1	0	1	1	5	17	22	119	81	103	16	0	0	90	241	34	31	19	21	18	76	90	57	19	
	15	1015.1	-	13.3	3.2	10.4	66	5.7	3	49	79	141	93	0	0	0	0	3	9	17	95	71	115	55	0	4	141	213	7	35	26	19	14	73	86	65	40	
	21	1015.8	-	10.6	1.8	10.5	79	4.3	56	76	71	76	85	1	0	1	1	1	9	22	104	125	91	11	0	3	68	278	18	19	28	30	19	93	79	59	20	
Surrey	3	1015.7	-	7.2	0.5	9.9	93	5.1	56	45	48	82	123	11	1	14	12	10	28	51	124	84	39	2	0	4	49	241	71	22	20	23	5	93	105	64	22	
	9	1016.0	-	19.9	1.3	10.8	84	5.7	9	49	59	149	9																									



TABLE IV (CONTINUED)

DISTRICT, COUNTY STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)						VISIBILITY (Metres and Kilometres)						WIND SPEED AND DIRECTION																		
		At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1 - 2	3 - 5	6 - 7	8	9	0-39 m.	40-190 m.	200-390 m.	400-990 m.	1000-1900 m.	2000-3900 m.	4-9 km.	10-19 km.	20-39 km.	40 km. and over	Beaufort Force					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	
																									Speed in Knots													
																									34 or more	22-33	11-21	1-10	0									
																									Number of Observations													
7a ENGLAND, N.W. - cont.																																						
Carlisle -cont Westmorland Great Dun Fell	28m.	15	1012.2	-	11.2	2.1	10.3	75	6.0	3	34	73	171	81	3	0	4	0	1	4	16	64	143	87	46	0	20	156	164	25	15	12	33	22	21	124	103	10
	21	1012.6	-	8.5	1.1	9.9	85	5.6	12	58	67	106	116	6	0	2	0	4	4	24	118	132	68	13	0	9	101	199	56	12	16	39	27	27	108	71	9	
	3	-	-	2.7	0.2	7.5	97	6.9	45	1	6	12	17	284	157	129	0	0	1	1	10	26	38	3	40	110	134	63	18	28	21	17	12	43	136	73	17	
	9	-	-	3.3	0.3	7.7	96	6.8	23	9	34	29	17	253	60	194	1	0	1	3	12	21	60	13	45	105	141	62	12	27	28	16	14	54	127	68	19	
	15	-	-	4.4	0.6	8.0	92	6.7	24	9	36	67	51	178	47	130	0	2	1	5	24	49	89	18	50	113	136	55	11	22	23	17	9	46	139	80	18	
Lancashire Squires Gate	21	-	-	3.3	0.2	7.7	96	6.7	38	3	23	28	25	248	123	125	0	2	1	1	15	36	57	7	35	106	146	64	14	21	26	18	14	52	131	74	15	
	9	1013.4	-0.7	9.6	1.2	10.5	85	6.1	9	40	43	158	110	5	0	3	1	8	16	46	86	117	66	22	2	32	184	143	4	28	13	40	35	51	38	109	47	
	11m.	15	1013.2	-	11.3	1.7	11.0	80	5.9	7	48	47	175	88	0	0	0	1	4	11	31	83	114	80	41	0	41	205	115	4	30	9	18	28	35	52	117	72
	21	1013.3	-	9.2	1.0	10.5	87	5.7	19	46	57	130	110	3	1	1	0	8	12	49	100	135	51	8	1	27	164	157	16	28	20	37	33	38	45	92	56	
	3	1013.4	-	8.4	0.9	10.0	87	5.5	20	53	53	148	87	4	0	2	3	6	8	31	84	123	83	25	0	12	130	177	46	20	12	21	37	71	42	70	46	
Speke	9	1013.9	-	9.6	1.4	10.2	82	5.9	7	43	57	170	87	1	0	2	1	9	14	46	90	110	67	26	0	18	136	173	38	28	14	17	32	75	46	79	36	
	26m.	15	1013.5	-	12.0	2.4	10.5	73	5.9	2	36	72	188	66	1	0	0	1	1	7	31	77	95	89	64	0	35	176	135	19	24	10	15	28	54	46	106	63
	21	1013.9	-	9.5	1.3	10.2	83	5.3	15	63	64	140	82	1	1	0	1	1	13	34	112	120	69	14	0	12	132	174	47	27	17	17	25	58	45	81	48	
	3	1013.6	-	7.7	0.8	9.7	89	5.7	24	53	40	100	141	7	0	6	4	4	20	60	120	120	25	6	0	3	109	200	53	10	14	17	28	123	46	55	19	
	76m.	9	1014.1	-0.3	9.1	1.8	9.7	81	6.0	9	41	46	170	90	9	2	4	3	7	17	50	138	124	19	1	0	6	135	193	31	19	17	20	20	95	55	75	33
Cheshire Ringway	15	1013.5	-	11.7	2.7	9.7	69	6.0	7	29	61	189	76	3	1	2	1	5	10	43	113	124	62	4	0	16	169	168	12	10	17	22	15	75	52	116	46	
	21	1014.0	-	9.1	1.4	9.9	82	5.4	23	50	71	97	117	7	1	2	5	7	23	75	146	103	3	0	0	0	116	207	42	18	14	25	22	95	46	71	32	
	7b NORTH WALES																																					
	Anglesey	3	1013.1	-	8.9	0.8	10.4	89	5.6	33	39	61	81	145	6	0	0	2	9	2	17	62	112	127	34	14	73	139	107	32	27	28	18	17	67	76	67	33
	Valley	9	1013.8	-0.2	10.1	1.3	10.7	84	5.9	11	32	71	147	102	2	0	0	0	3	4	13	63	76	147	59	12	82	160	98	13	42	23	14	15	75	83	67	33
Caernarvon Bardsey Island	11m.	15	1013.5	-	11.6	1.9	10.9	78	5.9	8	36	73	150	98	0	0	0	1	6	12	55	79	114	98	14	83	173	88	7	43	26	6	12	83	98	49	41	
	21	1013.6	-	9.7	1.0	10.7	86	5.8	19	36	62	122	122	4	0	1	2	3	4	19	58	103	114	61	9	82	132	119	23	34	24	23	16	78	70	67	30	
	3	1013.5	-	9.7	0.6	11.3	91	5.4	37	38	80	59	143	8	0	3	3	4	2	2	20	115	200	16	35	89	138	88	15	63	21	8	12	65	71	81	29	
	9	1014.0	-	10.2	0.8	11.4	89	5.9	15	22	94	111	116	7	0	4	3	0	0	3	25	88	190	52	32	98	140	85	10	67	11	15	13	80	53	82	34	
	19m.	15	1013.9	-	11.1	1.1	11.8	87	6.1	8	21	95	108	126	7	0	2	1	4	3	1	13	93	180	68	26	103	144	82	10	73	8	8	16	80	74	63	33
21	1013.9	-	10.2	0.7	11.5	90	5.5	37	24	77	75	146	6	0	3	0	3	0	3	20	107	200	29	25	95	132	94	19	67	10	10	13	78	67	72	29		
8a SOUTH WALES																																						
Cardigan	3	1014.3	-	8.5	0.8	10.1	88	5.4	28	60	50	85	138	4	0	2	1	6	5	14	90	130	70	47	2	48	177	118	20	29	7	14	28	94	68	69	36	
Aberporth	9	1014.8	+0.2	9.4	1.6	10.4	85	5.8	7	53	52	162	82	9	0	4	4	3	4	17	66	132	92	43	5	41	187	124	8	40	15	19	21	77	66	80	39	
Pembroke Milford Haven C.B.	134m.	15	1014.5	-	10.7	1.7	10.5	79	5.9	9	44	51	157	98	6	0	5	1	2	8	69	107	95	70	1	52	186	115	11	45	12	4	13	74	54	100	52	
	21	1014.8	-	9.1	1.0	10.3	86	5.4	18	74	53	88	124	8	0	5	3	3	5	17	76	127	75	54	2	45	181	111	26	29	14	16	22	74	84	67	33	
	3	1014.9	-	9.6	1.0	10.7	87	4.9	63	39	66	66	127	4	0	1	2	4	2	7	119	167	62	1	3	51	138	144	29	40	21	23	17	38	62	79	56	
	9	1015.4	-	10.4	1.4	10.9	83	5.9	16	25	79	123	119	3	0	1	3	1	3	7	146	147	57	0	5	41	154	148	17	40	22	27	38	68	65	61		
	39m.	15	1015.2	-	11.9	1.9	11.1	78	5.7	10	33	88	127	104	3	0	1	0	2	3	12	130	137	79	1	4	47	194	117	3	43	9	27	21	44	86	84	48
Glamorgan Mumbles	21	1015.3	-	10.3	1.2	11.0	85	5.1	49	39	81	72	121	3	0	2	0	1	4	10	131	155	62	0	5	42	147	158	13	49	23	18	14	37	83	77	51	
	3	1014.9	-	9.6	1.1	10.6	85	5.4	33	49	67	77	134	5	0	1	1	8	2	8	58	160	107	20	8	61	149	145	2	40	33	34	12	29	70	96	49	
	37m.	9	1015.4	-	10.2	1.4	10.5	82	5.8	11	31	77	138	104	4	0	2	3	6	12	128	153	53	5	6	60	154	137	8	41	1	16	38	19	39	68	98	38
	15	1015.1	-	11.6	2.0	10.7	76	5.8	5	43	80	132	100	5	0	2	2	1	4	14	111	126	76	29	10	81	194	76	4	30	10	24	16	30	101	118	32	
	21	1015.3	-	10.4	1.3	10.7	82	5.2	37	56	70	66	130	6	0	1	4	4	7	9	90	146	75	29	7	68	167	116	7	36	16	21	8	41	84	102	50	
Rhoose	3	1015.1	-	8.4	0.6	10.5	91	5.3	34	60	56	72	134	9	0	2	3	9	7	20	80	123	98	23	2	17	112	212	22	28	27	25	23	28	46	113	53	
	9	1015.6	-0.0	9.9	1.1	10.9	86	5.8	8	44	72	132	105	4	0	1	3	1	6	37	83	109	97	28	0	20	147	183	15	22	24	31	31	40	41	111	50	
	69m.	15	1015.2	-	11.7	1.8	11.3	79	5.6	1	61	74	133	96	0	0	0	0	5	22	67	86	113	69	0	27	196	131	11	9	21	28						



TABLE V WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT AT EACH STATION DURING THE YEAR 1967

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									
0. SCOTLAND, N.									1 SCOTLAND, E. (cont.)																	
Hamnavoe	July 18, Aug. 7	17.8	July 17, 18, Aug. 8, 26, Sept. 18, 19, 20	12.2	Dec. 7	1.7	Dec. 8	-3.9	Lauder	June 14	23.9	July 17, Aug. (9), 25	12.8	Dec. 7	-0.6	Dec. 21	-9.4									
Lerwick	Aug. 23	17.0	Aug. 26	12.1	Dec. 8	-0.8	Apr. 1	-3.9	Marchmont	Aug. 21, 22, 23	23.9	Aug. 25	14.4	Dec. 7	-0.6	Dec. 17	-6.1									
Baltaound	July 19	18.3	July 26	12.8	Mar. 31, Dec. 17	1.7	Dec. 8	(-3.3)	Whitcheater	June 14	23.9	Aug. 25	13.9	Dec. 7	-1.1	Dec. 9	-6.7									
Sule Skerry	July 17	17.5	Aug. 8, 23	12.5	Dec. 7	1.2	Dec. 7	-2.5	St. Abb's Head	July 10	21.7	July 26	15.3	Dec. 7	1.0	Dec. 31	-2.5									
Stenness	Aug. 25	21.1	Aug. 11	14.4	Dec. 7	0.6	Dec. 9	-3.3	Stanhope Farm	Aug. 23	22.8	Aug. 25	13.9	Dec. 18	-2.2	Dec. 8	-11.1									
Kirkwall	Aug. 25	20.3	July 18	12.9	Dec. 8	0.1	Dec. 7	-3.0	Blyth Bridge	June 13, Aug. 22, 23	22.2	July 17, Aug. 25	13.3	Jan. 5, Dec. 7, 8	-1.1	Dec. 20	-9.4									
Dounreay	June 17, July 17	22.8	July 7	15.6	Dec. 7	2.2	Dec. 20	-5.0	West Linton	Aug. 21	23.3	Aug. 9, Sept. 11	12.2	Jan. 5	-1.1	Dec. 20	-10.6									
Wick	July 30	19.9	July 19	13.3	Dec. 7	-1.1	Dec. 31	-4.0	Glenfress	June 18, Aug. 21, 22	24.4	Aug. 25	13.9	Jan. 5, Dec. 7	0.0	Jan. 5, Dec. 20	-11.1									
Cape Wrath	July 17, Aug. 22	18.8	Aug. 26	14.0	Dec. 8	-0.2	Dec. 8	-3.4	Bowhill	June 14	24.4	July 18	14.4	Dec. 7, 8	-0.6	Dec. 20	-8.9									
Achnary	June 13	23.9	Aug. 26	14.4	Dec. 7, 8	-1.7	Dec. 9	-11.1	Wauchope	June 14	25.0	July 30	14.4	Dec. 8	-0.6	Dec. 20	-9.4									
Strathay	July 30	(23.3)	July 17, Aug. 25, 26, Sept. 11	13.3	Dec. 7	0.0	Dec. 20	-5.0	Kelso	Aug. 22	25.0	Aug. 25	15.6	Dec. 7	0.6	Dec. 20	-7.8									
Stormway	June 17	20.7	Aug. 26	13.9	Dec. 8	-0.5	Dec. 9	-10.6	Sourhope	July 17	23.9	July 13, 17	14.4	Dec. 8	-1.1	Dec. 9	-7.2									
Balmacara	Aug. 8	22.2	Aug. 8	14.4	Dec. 7, 8, 9	1.1	Dec. 9	-6.1	6a SCOTLAND, W.																	
Poolwe	Aug. 8	22.2	July 6, 17, Aug. 8	13.9	Dec. 7, 8	0.6	Dec. 9	-8.3	Tiree	Aug. 9	19.4	Aug. 26	14.0	Dec. 8	2.0	Dec. 9	-2.1									
Ruthie	Aug. 9	21.0	Aug. 8	14.5	Dec. 7, 8	2.5	Dec. 9	-2.5	Rhuvaal	Aug. 23	21.5	July 30	14.6	Dec. 8	3.4	Dec. 9	-1.6									
Inverpolly	July 17	22.8	Aug. 26	15.0	Dec. 8	0.0	Dec. 9	-8.3	Colonsay	July 17	21.1	Aug. 25, 26	13.9	Dec. 7	2.2	Jan. 9	-3.9									
Achnashellach	June 13	24.4	Aug. 26, Sept. 11	13.9	Dec. 9	-1.1	Dec. 9	-9.4	Craighouse	July 12	22.8	Aug. 9	13.9	Dec. 7, 8	2.2	Dec. 9	-2.8									
Kinlochewe	June 17, Aug. 22	23.9	Aug. 18, Aug. 26	14.4	Dec. 9	-1.1	Dec. 9, 10	-7.8	Machrihanish	July 12	21.1	July 26	15.2	Dec. 8	2.7	Jan. 9	-4.4									
Fortrose	July 30	(22.8)	July 6, 16, Aug. 26	13.9	Dec. 7, 8	0.0	Dec. 9	-4.4	Campbeltown	June 17	21.7	Sept. 11	14.4	Dec. 7	2.2	Jan. 9	-2.8									
Tarbatness	July 30	24.2	July 30, Aug. 26, 27	14.0	Dec. 7, 27	1.0	Dec. 20	-4.0	Polloch	June 13	26.1	Aug. 25, 26	14.4	Dec. 18	-0.6	Dec. 9	-7.8									
Benbecula	Aug. 8	21.0	Aug. 25	14.0	Dec. 8	1.3	Dec. 9	-5.2	Achnaglachgach	June 25	22.2	July 17, 26, Sept. (28), 29	12.8	Jan. 8	1.1	Dec. 9	-7.2									
Isle of Rhum	June 13	21.7	Aug. 25, 26	14.4	Dec. 8	0.6	Dec. 9, 20	-3.9	Lephinmore	Aug. 23	22.2	Aug. 8, 9, 25, 26	14.4	-	-	-	-									
Prabost	Aug. 8	21.7	Aug. 25	14.4	Dec. 7	0.0	Dec. 9	-3.3	Glenbranter	June 13, 17	23.3	Aug. 9	15.0	Dec. 18, 19	-0.6	Dec. 20	-8.3									
Duntulm	Aug. 8	21.7	Aug. 25	14.4	Dec. 6, 7, 8	2.8	Dec. 10	-3.9	Benmore Y.B.G.	June 17	23.9	Aug. 9	15.0	Dec. 18, 19	0.6	Dec. 20	-6.7									
Onich	June 17, 25, July 17, Aug. 23	21.1	Aug. 9	15.0	Dec. 8	0.0	Dec. 9	-6.7	Kildonan	July 12	21.4	July 30	14.3	Dec. 6	(2.4)	Dec. 9	-3.5									
Fort William	June 17	22.2	Aug. 26	14.4	Dec. 7	0.0	Dec. 9	-9.4	Brodick Castle	June 15	23.3	Aug. 26	15.6	Dec. 7, 17	3.3	Dec. 20	-3.3									
Fort Augustus	Aug. 23	25.6	Aug. 26	15.0	Dec. 9	-2.2	Dec. 9	-10.0	Rothsay	June 17	22.2	Aug. 26	15.0	Dec. 8	0.6	Dec. 9	-3.9									
Inverness	Aug. 22	23.9	Aug. 26	14.4	Dec. 7	-0.6	Dec. 9	-5.0	Millport	June 14, 16	21.7	Aug. 25, 26	15.0	Dec. 8	2.2	Dec. 9, 10	-2.2									
Coire Cas Shelling	June 12	22.8	Aug. 22, 24	12.8	Dec. 7	-7.2	Dec. 9	-10.6	Finnart	June 17	22.8	Aug. 25	14.4	Dec. 18	1.7	Dec. 20	-3.9									
Cairngorm	Aug. 21	18.9	Aug. 24, Sept. 11	10.0	Dec. 7	-10.0	Dec. 9	-12.2	Helensburgh	June 16	24.4	Aug. 9, 25, 26	13.9	Dec. 7, 8, 18	1.7	Dec. 20	-5.6									
Achnagoichan	June 12	25.0	July 17	13.3	Dec. 8	-2.2	Dec. 20	-10.6	Sloy	June 16	24.1	July 26	14.8	Dec. 7	2.0	Dec. 20	-6.5									
Glenmore Lodge	Aug. 21	24.4	July 7	13.0	Dec. 7	-3.8	Dec. 20	-11.7	Cumbernauld	June 14	24.4	Aug. 26	13.9	Dec. 18	-1.1	Dec. 20	-9.4									
1. SCOTLAND, E.									Earl's Hill	June 14	21.9	July 26	12.8	Dec. 7	-2.5	Dec. 7	-7.5									
Nairn	July 26, 30	24.4	July 6, Sept. 11	14.4	Dec. 7	0.6	Dec. 20	-7.2	Stirling	June 18	25.6	July 17, Aug. 9, 25, 26	14.4	Jan. 6, Dec. 8	1.7	Dec. 20, 21	-7.2									
Grantown-on-Spey	Aug. 21	25.6	July 17	14.4	Dec. 7	-2.2	Dec. 20	-14.4	Falkirk Swge. Wks.	June 14, 18	24.4	July 17, Aug. 9, 25, 26	14.4	Dec. 7	1.1	Dec. 21	-8.3									
Forres	July 30	25.0	July 10, 17	15.0	Dec. 7	0.0	Dec. 20	-5.0	Grangemouth	June 14, 18	25.0	Aug. 25, 26	15.6	Dec. 18	-0.6	Dec. 20	-10.0									
Kinloss	July 26	25.0	July 26	15.6	Dec. 7	0.2	Dec. 20	-6.4	Greenock	June 13, 16, 17	22.2	Aug. 26	15.0	Dec. 8	1.1	Dec. 9, 20	-3.3									
Elgin	July 16, 26	24.4	July 10, 17	14.4	Dec. 6, 7	2.2	Dec. 20	-5.0	Paisley	June 16	25.6	Aug. 26	15.6	Dec. 18	0.0	Dec. 20	-6.7									
Lossiemouth	July 25, 26	23.9	July 17	15.6	Dec. 7	0.6	Dec. 20	-6.7	Barrhead	June 16, 17	23.3	July 17, Aug. 26	15.0	Dec. 9	0.6	Dec. 20	-8.9									
Gordon Castle	July 30	24.4	July 7	15.0	Dec. 7	0.6	Dec. 20	-5.6	Abbotsinch	June 16	23.7	Aug. 26	15.4	Dec. 18	-2.2	Dec. 20	-10.1									
Glenlivet	-	-	-	-	Dec. 7	-2.6	Dec. 20	-13.1	Crossmyloof	June 16	25.6	Aug. 26	15.6	Dec. 6	(1.1)	Dec. 20	-8.3									
Banff	July 30, Aug. 22	24.4	July 17	15.6	Jan. 15, Dec. 30, 31	3.3	Dec. 21	-5.0	Thorntonhall	June 14	26.7	Aug. 25	14.4	Dec. 8, 9	0.0	Dec. 20	-7.2									
Braemar	June 13	24.4	Aug. 25	13.3	Dec. 7	-3.3	Dec. 20	-13.3	Glasgow, Springburn	June 13, 16, 18	23.9	Aug. 25	14.4	Jan. 8, Dec. 18	0.0	Dec. 20	-6.1									
Balmoral	Aug. 21	24.4	July (7), 18, Aug. 25	12.2	Dec. 8	-1.7	Dec. 20	-13.3	Coatbridge	June 16	24.4	Aug. 25	14.4	Jan. 5	0.0	Dec. 20	-8.3									
Dinnet	July 5	26.1	July 10, 18, Aug. 25, 26	13.3	Dec. 7	-2.2	Dec. 20	-10.0	Salsburgh	June 13, 14	22.0	July 26, 30	12.6	Dec. 8	-1.4	Dec. 10	-7.8									
Fyvie Castle	July 30	24.4	July 18	13.3	Dec. 7	0.0	Dec. 20	-11.1	Lowther Hill	June 19	21.0	Aug. 24	11.6	Dec. 7, 8	-6.0	Dec. 9	-10.0									
Craibstone	Aug. 23	22.8	July 31	13.9	Dec. 7	-0.6	Dec. 20	-5.6	Leadhills	June 15, Aug. 23	22.8	Aug. 25	12.8	Dec. 8	-3.3	Jan. 6	-10.0									
Dyce	July 10	23.4	July 10	14.1	Dec. 7	-1.4	Dec. 20	-9.9	Crawfordjohn	Aug. 23	22.5	Aug. 25	13.0	Dec. 8	-2.0	Dec. 20	-11.7									
Aberdeen	July 10	22.8	July 10, 17, Aug. 8	13.9	-	-	-	-	Lanark	June 13, 18, Aug. 23	23.9	Aug. 25	13.9	Jan. 5, Dec. 8	-0.6	Dec. 20	-8.9									
Udny	July 30	24.4	July 10	14.4	Dec. 7	-0.6	Dec. 20	-5.6	Carnwath	June 13, 14, 18, Aug. 23	23.9	July 26	(13.3)	Jan. 5	-1.7	Dec. 10	-14.4									
Rattray Head	July 10	21.5	Aug. 8	15.0	Dec. 31	-1.0	Feb. 22	-4.8	Camps Reservoir	Aug. 23	22.2	Aug. 25	12.8	Dec. 7	-2.2	Jan. 5	-10.0									
Fettercairn	Aug. 20	22.8	July 17	12.8	-	-	Apr. 1	-5.6	Hunterston	June 17, Aug. 7	21.1	Aug. 9	14.4	Dec. 8	1.7	Dec. 20	-2.8									
Strachan	July 5, Aug. 23	22.8	Aug. 26	15.0	Dec. 7	-1.7	Dec. 20	-11.1	Largs	June 14, 17	22.8	Aug. 25, 26	15.0	-	-	Dec. 9	-4.4									
Mynefield	June 14	25.6	July 17	14.4	Dec. 7	0.0	Dec. 20, 21	-7.2	Barr	July 12	22.8	July 26, Aug. 7, 8, 26	13.9	Dec. 8, 9	1.1	Jan. 5, Dec. 10	-8.3									
Dundee	Aug. 20	24.4	July 17, 19, 26, Aug. 9, 15, 26	13.9	Dec. 7	0.6	Dec. 20	-6.1	Auchincruive	July 12	22.8	July 17, Aug. 26	14.4	Jan. 8, Dec. 19	1.7	Jan. 5, Dec. 10	-6.1									
Glamis Castle	June 14	25.6	July 17, 19	13.3	Jan. 6, Dec. 7, 8	0.6	Dec. 20	-8.3																		



TABLE V (CONTINUED)

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	Lowest Minimum and date	Highest Maximum and date	Lowest Minimum and date		Highest Maximum and date	Highest Minimum and date	Lowest Maximum and date	Lowest Minimum and date	Highest Maximum and date	Lowest Minimum and date		
2 ENGLAND, N.E. (cont)		°C		°C		°C		°C	4 MIDLAND COUNTIES (cont)		°C		°C		°C		°C
Ushaw	July 17, Aug. 21	23.9	July 31	15.0	Dec. 8	-1.1	Jan. 8, Dec. 8, 9	-5.0	Bugbrooke Mills	-	-	-	Dec. 8	-2.2	Nov. 17, 18, Dec. 9	-7.2	
Houghall	Aug. 21	25.0	July 31	16.7	Dec. 7, 8	0.6	Jan. 8, Dec. 20, 21	-7.2	Raunds	July 17	29.4	July 31	17.2	Jan. 8, Dec. 8	-0.6	Dec. 11	-6.1
Durham	Aug. 21	25.0	July 31	15.6	Dec. 8	-0.6	Jan. 8	-8.3	Birmingham K.E.S.	-	-	-	Dec. 8	-1.7	Dec. 9	-5.6	
Hartlepool	July 17	26.7	July 31	17.2	Dec. 7, 8	0.6	Jan. 8, 9	-3.9	Edgbaston	July 17	27.7	July 31	17.3	Dec. 8	-2.0	Dec. 9	-5.2
Thirsk	July 17	25.6	July 27, 31, Aug. 1	16.7	Dec. 8	0.0	Jan. 8	-9.4	Luddington	July 17	28.9	July 31	18.3	Dec. 8	-1.7	Dec. 9	-8.3
Leeming	July 17	25.6	July 31	17.5	Dec. 20	0.1	Jan. 8	-7.6	Stratford-on-Avon	July 17	29.4	July 31	18.3	Dec. 8	-1.7	Dec. 9	-8.9
York (Heslington)	July 17	27.2	July 31	17.8	Dec. 8	0.6	Jan. 9	-6.1	Elmdon	July 17	28.6	July 31	17.6	Dec. 8	-1.6	Dec. 8	-7.6
Ampleforth	July 18	25.6	July 31	16.7	Jan. 6	0.0	Jan. 8, 9	-5.6	Shipston-on-Stour	July 17	28.9	July 31	16.7	Dec. 8	-2.2	Dec. 9	-6.7
Redcar	July 17	27.2	July 31	17.2	Dec. 7	1.1	Jan. 8	-4.4	Wellesbourne	July 17	28.9	July 14, 17, 18, Aug. 1, 19, Sept. 26, 29	15.0	-	-	-	-
Pickering	July 17	26.1	July 31	17.7	Jan. 8, Dec. 7	0.3	Jan. 9	-8.9	Coventry	July 10, 11, 12	25.6	July 31	17.8	Dec. 8	-2.2	Dec. 9	-6.1
Scarborough	July 30	25.6	July 31	17.8	Jan. 6, Dec. 7	1.1	Dec. 8, 9	-2.8	Morton Morrell	July 17	28.3	Oct. 9	16.1	Dec. 8	-1.7	Dec. 9	-7.2
Silpho Moor	July 30, Aug. 21	24.4	July 31	15.6	Nov. 26	-3.3	Jan. 8	-6.7	Rugby	July 17	27.8	July 27	16.1	Dec. 8	-2.2	Dec. 11	-7.2
Whitby C'Guard	July 30	25.0	July 31	17.9	Jan. 8	1.3	Jan. 8	-6.6	Oxford	July 17	28.3	July 31	17.8	Dec. 8	-1.7	Dec. 9	-7.2
High Mowthorpe	July 17, 30	24.4	July 31	16.7	Dec. 7, 8, 17	-1.1	Jan. 8	-6.7	Medmenham	July 17	28.9	July 31	17.2	Dec. 8	-1.7	Dec. 9	-11.1
Hull	July 30	27.2	July 27, 31	17.8	Dec. 8	0.6	Jan. 9, Dec. 8, 9, 18, 20, 21	-3.9	Gredon Underwood	July 17	28.3	July 31	16.7	Jan. 8, Dec. 8	-0.6	Dec. 9, 12	-10.6
Leconfield	July 17	26.8	July 31	17.5	Dec. 20	0.2	Jan. 9	-6.3	Aylesbury	July 17	28.3	July 31	16.7	Dec. 8	-2.2	Dec. 9	-8.9
Filey	July 30	25.6	July 27	17.2	Jan. 10	-1.1	Jan. 9	-7.2	Bletchley	July 17	29.4	July 31	17.2	-	-	-	-
Bridlington	July 30	26.1	July 31	16.7	Dec. 7	0.0	Jan. 9	-6.1	Keele	July 17	26.1	July 12	16.1	Dec. 8	-1.7	Dec. 8, 9	-6.1
Kilnsea	July 30	25.2	July 31	17.0	Dec. 7	0.5	Dec. 8	-5.0	Oaken	July 17	26.7	July 31	16.1	Jan. 8, Dec. 9, 10	0.0	Dec. 9	-8.3
Waddington	July 17	28.4	July 31	17.2	Jan. 7, Dec. 8	0.4	Jan. 8	-5.5	Stone	July 17	27.2	July 27, Aug. 1	16.1	Dec. 8	-1.7	Dec. 9	-9.4
Lincoln	July 17	28.3	July 27, 31	17.2	Dec. 7	0.6	Jan. 9	-8.9	Penkridge	July 17	27.8	July 31	16.7	Dec. 8	-3.3	Dec. 9	-10.0
Cranwell	July 17	28.6	July 31	17.0	Jan. 7	0.5	Jan. 8	-6.2	Oneote	July 17	23.9	July 12	13.9	Dec. 8	-3.3	Jan. 8, Dec. 9	-7.8
Brigg	July 10, 17	27.2	July 31	17.2	Dec. 8	0.6	Dec. 20	-7.8	Oswestry	July 12	25.0	July 31	16.7	Jan. 8, Dec. 9	0.6	Dec. 11	-6.7
Caistor	July 17	29.4	July 31	(17.8)	-	-	-	-	Shrewsbury	July 17	27.2	July 27, Aug. 1	16.7	Dec. 8	-2.8	Dec. 9, 11	-8.3
Binbrook	July 17	27.1	July 31	16.5	Dec. 7	-0.5	Jan. 9	-5.3	Shawbury	July 17	27.2	July 30	17.7	Dec. 8	-1.7	Dec. 8	-10.1
Cleethorpes	-	-	-	-	Dec. 7, 8, 31	1.1	Dec. 8	-3.9	Clee Hill	July 12	23.0	July 30	14.5	Jan. 8	-3.7	Dec. 9	-8.4
Manby	July 17	28.4	July 31	16.7	Dec. 7	0.8	Jan. 9	-5.2	Newport	July 17	26.7	July 27	16.7	Dec. 8	-2.8	Dec. 9, 10	-10.6
Skogness	July 11, 26	26.1	July 31	17.2	-	-	Dec. 8, 9	-5.6	Malvern	July 17	27.8	July 31	18.3	Dec. 8	-1.1	Dec. 9, 11	-5.0
3 ENGLAND, E.									Pershore Coll. of Hort.	July 17	28.9	July 31	17.8	Dec. 8	-1.7	Dec. 9, 10, 11	-6.1
Terrington St. Clement	July 17	27.2	July 18, 19	16.1	Jan. 8	-1.1	Jan. 8	-7.8	Pershore	July 17	29.3	July 31	18.2	Dec. 8	-2.1	Dec. 9	-11.0
Santon Downham	July 17	28.9	July 18	17.2	Jan. 8	-0.6	Dec. 8	-11.1	Lyonsall	July 12	26.1	July 31, Aug. 1	16.1	Feb. 13, Dec. 8	1.1	Dec. 9	-6.1
West Rainham	July 17	27.7	July 19	16.6	Jan. 8	-0.9	Jan. 7	-6.6	Ross-on-Wye	July 17	27.8	July 30	17.6	Dec. 8	-1.2	Dec. 11	-8.4
East Dereham	July 18, Aug. 1	27.9	July 18, 19	16.6	Jan. 8	-0.2	Jan. 9	-5.1	Preston Wynne	July 17	26.7	Aug. 1	16.7	Jan. 8	0.6	Dec. 9	-8.9
Cromer	Aug. 1	28.3	July 18	16.7	Jan. 6	1.1	Dec. 21	-4.4	Filton	July 17	28.1	July 31	18.0	Dec. 8	-1.4	Dec. 17	-7.5
Sproston	Aug. 1	28.3	July 18, 19	16.7	Jan. 8	0.0	Jan. 9	-5.6	Hempsted	July 17	28.3	July 31	18.3	Dec. 8	-1.1	Dec. 9	-9.4
Coltishall	Aug. 1	28.1	July 31	17.0	Jan. 8	0.5	Dec. 20	-4.6	Gloucester	July 17	28.9	July 31	18.6	Dec. 8	-1.5	Dec. 8	-9.6
Burlingham	Aug. 1	27.8	July 19, 27	17.2	Jan. 8	-0.6	Jan. 9	-4.4	Cheltenham	July 17	28.9	July 31	18.3	Dec. 8	-2.2	Dec. 9	-8.9
Gorleston	July 26	26.5	July 19	18.1	Dec. 7	1.0	Dec. 9	-5.5	Cirencester	July 17	27.8	July 31	17.2	Dec. 8	-2.2	Dec. 9	-10.0
Mildenhall	July 17	28.7	July 18	17.3	Jan. 8	-0.7	Jan. 9	-6.5	Little Rissington	July 17	27.1	July 31	16.9	Dec. 8	-3.1	Dec. 9	-7.3
Broom's Barn	July 17	27.2	July 18	16.7	Jan. 8	-1.7	Jan. 9	-7.2	5 ENGLAND, S.E.								
East Bergholt	Aug. 1	28.3	July 28, 30, 31	16.7	Jan. 8	-1.1	Jan. 9	-9.4	Kensington Palace	July 17	28.3	July 31	17.8	Jan. 8	0.0	-	-
Wattisham	Aug. 1	27.2	July 19	17.0	Jan. 8	-1.7	Jan. 9	-9.2	Hamstead	July 17	27.8	July 31	16.7	Jan. 8	-1.7	Dec. 9	-6.7
Lowestoft	July 26	26.7	July 19, 31	17.2	Jan. 8	0.0	Dec. 9	-5.0	St. James Park	July 17	28.3	July 14	18.3	Dec. 8	-0.6	Dec. 9	-5.6
Boxworth	July 17	28.9	July 19, 27	16.1	Jan. 8	-1.1	Jan. 9, Nov. 18	-6.7	Camden Square	July 17	28.9	July 14, 18, 31	17.8	Dec. 8	-0.6	Dec. 9, 10	-5.0
Cambridge B.G.	-	-	July 18, 31	16.7	Dec. 8	0.0	Jan. 9	-7.2	Greenwich	July 17	28.3	July 18	17.8	Jan. 8	-0.6	Dec. 9	-7.2
Cambridge N.I.A.B.	July 17	28.9	July 18, 19, 27, 31, Aug. 8, Oct. 9	16.1	Dec. 8	0.0	Jan. 8	-6.7	Heathrow	July 17	30.0	July 14, 31	17.3	Dec. 8	-0.6	Dec. 9	-7.3
Monkswood	July 17	28.3	July 18, 19, 27, 31, Oct. 9	15.6	Jan. 8	-0.6	Apr. 1	-6.1	Hampton	July 17	28.3	July 18, 31	17.2	Dec. 8	-0.6	Dec. 9	-6.7
Woburn	July 17	27.8	July 18, 27	16.1	Jan. 8, Dec. 8	-1.1	Dec. 9, 11	-7.2	Southgate	July 17	28.3	July 31	17.2	Jan. 8	0.6	Dec. 9	-6.1
Silsoe	July 17	28.3	July 27, 31	16.7	Dec. 8	-1.7	Dec. 9	-7.2	Kew	July 17	29.3	July 31	17.6	Dec. 8	-0.6	Dec. 9	-6.3
Cardington	July 17	28.7	July 30	16.9	Jan. 8	-0.3	Dec. 11	-7.0	Waddon	-	-	July 31	17.2	-	-	-	-
Luton	-	-	July 31	16.2	Dec. 8	(-2.1)	Dec. 12	-6.6	Addington	July 17	27.2	July 31	16.7	Jan. 8	-1.7	Dec. 9	-7.2
Aldenhall School	July 17	28.3	July 28	16.1	Dec. 8	-1.7	Dec. 9	-8.3	Bromley	July 17	28.3	July 18, 31	17.2	Dec. 8	-1.1	Jan. 9, Dec. 9	-7.2
Garston	July 17	28.2	July 31	17.5	Dec. 8	-1.5	Dec. 9	-7.3	Catwick	July 17	28.1	July 30, 31	16.7	Jan. 8	-0.7	Dec. 9	-9.9
Rothamsted	July 17	27.8	July 31	16.1	Dec. 8	-2.2	Dec. 9	-7.8	Wisleigh	July 17	28.9	July 28, 31	16.7	Dec. 8	-1.1	Dec. 9	-8.9
St. Albans	July 17	28.3	July 31	16.7	Dec. 8	-1.7	Dec. 9, 11	-6.7	Mickleham	July 17	27.8	July 31	17.2	Jan. 8, Dec. 8	-0.6	Dec. 9	-10.0
Letchworth	July 17	28.9	July 31	16.7	Jan. 8	-1.1	Dec. 11	-7.2	Dartford	July 17	28.4	July 18	17.2	Jan. 8			



TABLE V (CONTINUED)

DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date		Highest Minimum and date		Lowest Maximum and date		Lowest Minimum and date	
5 ENGLAND, S.E. (cont)	°C		°C		°C		°C	
Christchurch	July 12	27.2	July 16, 18, 27, 31	16.7	Jan. 8	0.6	Dec. 9	-6.1
Everton	July 12, 13	27.8	July 18, 31	16.7	Jan. 8	0.0	Dec. 9	-6.1
Southampton	July 12	28.3	July 18, 31	17.2	Dec. 8	0.6	Dec. 9	-6.1
Leckford	July 11, 12, 13	27.2	July 31	16.7	Jan. 8, Dec. 8	-0.6	Jan. 9	-6.7
Martyr Worthy	July 12	28.9	July 31	16.7	Dec. 8	0.0	Dec. 10	-11.1
Southsea	July 12	25.6	July 18, 31	17.8	Dec. 9	0.6	Dec. 9	-6.1
Hayling Island	July 12	26.1	July 18	17.8	Jan. 8	0.6	Dec. 9	-7.2
Long Sutton	-	-	July 18, 31	16.1	Dec. 8	-1.1	Dec. 9, 10	-9.4
Allee Holt Lodge	July 17	27.2	July 31	16.7	Jan. 8, Dec. 8	-1.1	Dec. 9	-8.9
South Farnborough	July 17	28.4	July 30, 31	17.0	Dec. 8	-1.9	Dec. 9	-11.9
St. Catherine's Point	July 12	24.5	July 12	16.5	Dec. 9	-1.0	Jan. 9, 10, Dec. 9	-4.0
Ventnor	July 13	23.3	July 12	16.7	Jan. 8, Dec. 9	0.6	Dec. 9	-5.6
Shanklin	July 13, 17, Aug. 23	23.3	July 18, 31	16.7	Jan. 8, Dec. 9	0.6	Dec. 9	-6.1
Sandown	July 17	25.6	July 18, Aug. 1, 8	17.2	Jan. 8	-0.6	Jan. 9	-3.3
Ryde	July 12, 13	25.6	July 18, 31	17.2	Jan. 8	0.6	Dec. 9	-5.0
Lacock	July 17	27.2	July 31	17.8	Dec. 8	-2.2	Dec. 9	-11.1
Lynham	July 17	27.2	July 31	17.2	Dec. 8	-3.0	Dec. 9	-6.9
Larkhill	July 12	27.3	July 31	17.0	Dec. 8	-2.6	Dec. 9	-8.1
Boscombe Down	July 11, 13	26.7	July 31	16.7	Dec. 9	-1.0	Dec. 9	-7.4
Upavon	July 17	27.5	July 31	16.6	Jan. 8	-1.2	Dec. 9	-8.8
Porton	July 13	27.2	July 31	16.5	Jan. 8	-0.8	Dec. 9	-9.5
7a ENGLAND, N.W.								
Sellafield	July 12, 13	23.9	July 13	16.1	Dec. 8	1.7	Jan. 6, Dec. 17	-3.9
Carlisle	Aug. 23	24.9	July 30	15.5	Jan. 9	-2.7	Jan. 9	-7.9
Newton Rigg	Aug. 23	23.9	July 30, Aug. 25	14.4	Nov. 25	-1.1	Dec. 20	-7.2
Spadesdam	Aug. 23	22.8	Aug. 25	13.3	Dec. 7, 8	-1.7	Dec. 8	-8.9
Ambleside	June 14	25.6	July 31, Aug. 8, 25, 26	15.0	Dec. 17	-0.6	Dec. 20, 21	-7.2
Great Dun Fell	Aug. 23	18.6	Aug. 24	11.6	Dec. 8	-7.8	Dec. 8	-11.1
Moor House	July 17	21.1	July 17, Aug. 1, 25, 27, 28	11.7	Dec. 7	-5.0	Jan. 8	-12.2
Squires Gate	July 17	26.3	July 30	16.3	Jan. 8	0.6	Jan. 8	-7.2
Urawick	July 17	25.0	Aug. 26	15.6	Dec. 17	0.6	Jan. 8, 9	-7.2
Southport	July 17	25.6	July 17	15.6	Jan. 8	0.6	Jan. 8	-6.7
Poulton-le-Fylde	July 17	26.1	Aug. 25	16.1	Jan. 8	0.6	Jan. 8, 9	-6.1
Grizedale	June 14, July 13, 17	23.9	July 26	14.4	Jan. 6, Dec. 8	0.6	Jan. 8, Nov. 24, Dec. 20	-7.2
Speke	July 12	26.7	July 17	16.2	Dec. 8	0.1	Dec. 20	-5.5
Kirkham	July 17	25.0	July 26	15.6	Jan. 8	0.0	Jan. 8, 9	-7.2
Garstang	July 17	25.0	July 26, Aug. 8	15.6	Jan. 8	1.1	Dec. 9	-6.1
Morecambe	July 17	26.1	July 17	16.7	Jan. 8	0.0	Jan. 8	-5.0
Penketh	-	-	-	-	Dec. 8, 9	0.6	Jan. 9	-7.2
Preston	July 17	25.6	July 17, 26, Aug. 1, 28	15.6	Jan. 8, Dec. 8	0.6	Jan. 6, 8, 9, 10, Dec. 9	-5.6
Stonyhurst	July 17	24.4	July 17	15.6	Dec. 17	-0.6	Jan. 8	-6.7
Helmsdale	July 17	23.9	Aug. 28	15.0	Dec. 8	-1.7	Jan. 8	-6.7
Burnley	July 17	24.4	July 17, Aug. 28	15.0	Jan. 8, Dec. 8	-0.6	Jan. 8	-7.8
Nelson	July 17	24.6	July 17	15.9	Dec. 8	-1.1	Dec. 18	-7.2
Rochdale	July 17	26.1	Aug. 1	16.1	Dec. 8, 17	0.0	Jan. 9	-7.8
West Kirby Park	July 12	27.2	July 17, 26	16.1	Jan. 8	1.1	Jan. 8, Dec. 20	-4.4
Bidsdon	July 12, 17	26.1	July 17	16.1	Jan. 8, Dec. 8	1.1	Jan. 8, Dec. 8, 9	-2.8
Niss Gardens	July 12, 17	26.1	July 17, 26, 27, 31, Aug. 1	15.0	Jan. 8, Dec. 8	0.6	Dec. 9	-7.2
Winnington	July 12, 17	27.2	July 17	17.2	Dec. 8	0.6	Jan. 9	-6.1
Knutsford	July 17	27.3	Aug. 1	16.6	Dec. 8	0.1	Jan. 9	-6.2
Ringway	July 17	26.5	Aug. 1	16.8	Jan. 8	-0.1	Jan. 9	-6.0
Macclesfield	July 17	26.1	July 27, Aug. 1	15.6	Dec. 8	0.0	Dec. 9	-6.1
7b NORTH WALES								
Rhyl	July 12	27.2	July 17	16.7	Jan. 8	1.7	Jan. 9	-4.4
Prestatyn	July 12	26.7	July 17	16.7	Jan. 8	1.1	Jan. 8	-5.6
Hawarden Bridge	July 12	26.7	July 17	16.7	Jan. 8	0.6	Dec. 6	-7.8
Valley	July 12	25.8	July 13	15.4	Jan. 8	1.3	Jan. 8	-4.1
Colwyn Bay	July 13	24.4	July 17	16.1	Jan. 8	1.7	Jan. 8	-5.0
Alwen	July 12	23.9	July 27	13.9	Dec. 8	-2.2	Jan. 9	-11.1
Ruthin	July 12	25.6	July 27	16.7	Jan. 8, Dec. 8	-0.6	Dec. 9	-11.1
Loggerheads	July 12	25.0	July 27	15.0	Dec. 8	-1.1	Dec. 10	-10.6
Bwlchwyn	July 12, 17	22.8	July 17, 27, Aug. 1, 23	13.9	Dec. 8	-2.2	Jan. 8	-8.3
Wrexham	July 17	25.6	July 27	16.1	Dec. 8	-0.6	Dec. 9	-9.4
Bardsey Island	July 13	22.3	Aug. 26, 27	15.1	Jan. 8	2.4	Dec. 9	-1.3
Botwnnog	July 12	25.6	July 13	16.1	Jan. 8	1.7	Jan. 8, 9	-3.9
Bryn Adda	July 13	25.6	July 13	16.7	Dec. 7	1.1	Jan. 8	-3.9
Aber	July 13	25.0	July 13	16.1	Dec. 7	2.8	Dec. 9	-2.2
Trawsfynydd	July 12	24.4	July 12, 13, 18, 26, 27, Aug. 27	13.9	Jan. 8	-1.1	Dec. 11	-10.6
Corwen	July 12	25.6	July 17, 27	15.6	Dec. 8	-1.1	Dec. 10	-13.3
Ceunws	June 16, July 11, 12	26.1	July 16	15.0	Dec. 8, 17	1.1	Jan. 9	-8.9
Lake Vyrnwy	July 12	24.4	July 17, 27	13.9	Dec. 8	-2.2	Jan. 9	-6.7
8a SOUTH WALES								
Aberporth	July 13	25.5	July 13	17.3	Jan. 8	0.7	Jan. 8	-4.6
Aberystwyth Frongoch	July 12	26.7	July 13, 17	15.0	Jan. 8	0.0	Jan. 9	-5.6
Gogerddan	July 12	27.2	July 13	16.1	Dec. 8	1.1	Dec. 10	-7.8
Swyddymon	July 12	26.1	July 30	16.1	-	-	-	-
Trawasod	July 12	26.1	July 13, 27	15.6	Dec. 8	0.0	Dec. 9	-11.1
Llŷe-erwan-Hen	July 12	24.4	July 13	15.0	Jan. 8	-1.7	Dec. 9	-6.1
Cwmystwyth	-	-	July 12	15.6	Jan. 8, Dec. 8	-1.1	Jan. 9, Dec. 9	-8.9
Dale Fort	July 12	26.7	July 13	15.6	Jan. 8	1.1	Jan. 8, 9	-2.2
Millford Haven C.B.	July 12	26.0	July 13	16.8	Jan. 8	0.5	Jan. 8, 9	-3.5
Brawdy	July 12	25.0	July 13	16.1	Jan. 8	-1.1	Jan. 9	-5.0
Orielton	-	-	July 13	16.1	Jan. 8	0.0	Jan. 9	-5.6
Carmarthen	July 12	27.2	July 13, 27	15.6	Jan. 8, 9	1.1	Jan. 9, Dec. 11	-7.2
Llandrinod Wells	July 11	26.1	July 17, Aug. 1	15.0	Dec. 8	-1.7	Dec. 11	-8.9
Llwynon	July 12	25.0	July 13, 27, 31	14.4	Jan. 8	0.0	Jan. 9	-7.2
Mumbles	July 12	25.0	July 13	17.0	Dec. 8	1.0	Jan. 9	-3.1
Swansea	July 12	26.1	July 13	17.8	Jan. 8, Dec. 8	2.8	Jan. 9, Dec. 9	-3.3
Port Talbot	July 12	27.8	July 13	17.8	Jan. 8	1.7	Jan. 8	-4.4
Neath	July 12	26.7	July 13, 14	16.1	Jan. 8, Dec. 8	1.1	Jan. 9, Dec. 17	-3.9
Rhoose	July 12	26.4	July 30	17.3	Jan. 8	0.3	Jan. 9	-5.3
Cardiff	July 11	27.8	July 12	17.2	Jan. 8	1.7	Dec. 10, 11	-5.0
Tredeggar	July 12	25.6	July 12	15.0	Jan. 8	-1.7	Dec. 17	-6.1
Newport	July 12	27.2	July 31	17.2	Dec. 8	0.0	Dec. 11	-5.6
Usk	July 12	27.8	Aug. 1	16.7	Dec. 8	-0.6	-	-
Crumbland	July 12, 17	25.0	July 31	16.1	Dec. 8	-0.6	Dec. 9, 10	-5.6
8b ENGLAND S.W.								
Hawridge	July 12	23.3	July 31	15.6	Jan. 8	-1.7	Jan. 9	-6.1
8b ENGLAND, S.W. (cont)								
Cannington	July 12	27.8	July 31	17.8	Jan. 8, Dec. 8	0.6	Jan. 9	-5.0
Weston-Super-Mare	July 12	27.2	July 31	17.8	-	-	-	-
Yeoilston	July 13	27.9	July 30	17.4	Dec. 8	-0.1	Jan. 9	-7.4
Rodney Stoke	July 12	27.8	July 31	17.2	Jan. 8	0.0	Jan. 9	-6.1
Long Ashton	July 12	27.8	July 31	17.8	Dec. 8	0.0	Jan. 9	-6.1
West Camel	July 12, 13	27.8	July 31	17.2	Dec. 8	0.0	Jan. 9	-8.9
Wincanton	July 12	27.8	July 31	15.6	Dec. 8	-1.1	Jan. 3, 9	-5.6
Bath C.B.S.	July 12, 17	26.7	July 31	16.7	Dec. 8	-1.7	Jan. 10, Apr. 1, Dec. 9, 18, 19, 20	-5.0
Portland Bill	June 15	21.9	July 12	16.6	Jan. 8	0.5	-	-
Weymouth	June 15, July 24	24.4	Aug. 1	16.7	Dec. 9	0.6	Jan. 9	-6.1
Winfrith	July 12, 13	26.7	Sept. 28	16.7	Jan. 8	0.0	Jan. 9, 10, Dec. 17	-5.6
Shaftesbury	July 12, 13	26.1	Aug. 1	15.0	Dec. 8	-1.7	Jan. 3	-6.7
Swanage	Aug. 23	23.3	July 14, 18, 31, Aug. 1, Sept. 26	16.1	Jan. 8	0.6	Dec. 9	-3.9
Poole	July 12	26.7	July 18, 31, Aug. 1	16.7	Jan. 8	0.6	Jan. 4	-5.6
Hartland Point	July 13	24.6	July 30	16.4	Jan. 8	1.3	Dec. 9	-3.6
Mount Batt	July 12	26.1	July 30, 31	16.0	Jan. 8	0.4	Jan. 10	-3.9
Plymouth Hoe	July 12	26.1	July 31	16.7	Jan. 8	-0.6	Dec. 11	-5.6
Tavistock	June 15, July 11	26.1	July 31	16.7	Dec. 9	1.1	Jan. 9, 10	-5.6
Chivenor	July 12	28.1	July 30	17.2	Jan. 8	1.6	Jan. 9	-6.5
Ilfracombe	July 12, 17	25.0	July 13, 30, 31	17.2	Jan. 8	2.2	Jan. 8	-1.1
Totnes	June 15, Aug. 23, 27	24.4	July 31	17.2	Jan. 8	0.0	Dec. 11	-8.3
Slapton	Aug. 23	24.4	July 31, Aug. 1	17.2	Jan. 8	0.6	Dec. 10	-3.9
Newton Abbott	-	-	July 31	17.2	-	-	Jan. 10	-5.0
Torquay	July 12, Aug. 23	23.9	July 31	17.9	Jan. 8	0.9	Jan. 10	-3.8
Teignmouth	July 23, 31, Aug. 19	23.3	July 31	18.3	Jan. 8	1.1	Jan. 10	-3.3
Starcross	July 12	24.4	July 27, 31	16.7	-	-	Dec. 11	-6.1
Exmouth	June 15	24.4	July 31	16.7	Dec. 9	-1.1	Jan. 9	-5.0
Exeter	July 12	26.7	July 30	18.1	Jan. 8, Dec. 8	0.4	Dec. 11	-6.8
Sidmouth	June 15, July 13	23.9	July 18	16.7	Jan. 8	0.6	Jan. 9, 10, Dec. 9	-3.9
Seilly	Aug. 27	23.3	July 30	16.5	Jan. 8	2.3	Jan. 8	-1.0
Penzance	July 12	23.3	July 30, 31	16.7	Jan. 8	1.1	Jan. 9, 10	-2.8
Guilval	July 11, 17	23.9	July 31	17.2	Jan. 8	1.1	Jan. 9	-2.8
Culdrose	July 11, 12	22.2	July 30, 31	16.1	Jan. 8	0.0	Jan. 8, 9	-3.9
Rosswarne	July 12, Aug. 27	23.9	July 30, 31	16.1	Jan. 9, Dec. 8	4.4	Jan. 9	-3.9
Lizard	June 15	22.6	July 30, 31	16.0	Jan. 8	1.0	Dec. 10	-3.1
Falmouth	June 15, 16	22.2	July 30	16.7	Jan. 8	0.6	Jan. 8, 9	-3.3
Newquay	July 12	23.3	July 31	17.2	Jan. 8	-0.6	Jan. 9	-4.4
St. Mawgan	July 12	26.6						



**TABLE VI NUMBER OF DAYS ON WHICH THE DURATION OF SUNSHINE WAS BETWEEN GIVEN LIMITS IN EACH MONTH OF 1967**

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	18	11	2	0	0	12	9	7	0	0	5	9	15	2	0	4	12	5	4	5	6	7	7	5	6	4	5	5	6	10
Stornoway	20	9	2	0	0	5	12	7	4	0	6	4	20	1	0	2	12	8	4	4	2	5	8	7	9	1	7	3	5	14
Craibstone	13	9	9	0	0	8	8	9	3	0	4	8	4	13	2	4	6	9	6	5	7	7	4	7	6	0	6	5	8	11
Rothsay	11	8	12	0	0	11	9	7	1	0	10	6	9	5	1	8	6	5	4	7	9	5	6	3	8	9	2	1	6	12
Abbotsinch	10	12	7	2	0	9	10	6	3	0	3	14	7	4	3	3	8	5	7	7	5	11	7	3	5	2	7	5	4	12
Eskdalemuir	16	7	3	5	0	7	14	3	4	0	7	8	9	6	1	4	12	5	6	3	6	11	6	4	4	2	7	4	8	9
Douglas	11	10	7	3	0	5	9	7	7	0	4	7	10	7	3	5	3	13	1	8	7	7	5	5	7	1	5	6	5	13
Cockle Park	11	9	8	3	0	5	12	6	5	0	2	7	6	12	4	4	12	(5)	5	4	9	8	3	6	5	1	8	6	4	11
Gorleston	7	15	9	0	0	7	6	10	5	0	0	5	12	13	1	4	8	4	9	5	3	5	6	7	10	2	9	7	5	7
Cambridge (N.I.A.B.)	8	12	7	4	0	5	11	4	8	0	0	4	11	14	2	-	-	-	-	-	3	8	(5)	(6)	9	0	7	6	6	11
Edgbaston	14	8	9	0	0	8	10	8	2	0	0	7	12	12	0	5	14	6	3	2	5	8	6	8	4	4	4	4	6	12
Kew	7	15	6	3	0	5	11	5	7	0	1	5	9	14	2	6	4	5	11	4	4	3	7	8	9	0	6	10	4	10
Hastings	5	15	4	7	0	5	10	6	7	0	2	6	10	10	3	2	5	9	4	10	3	5	7	8	8	1	4	6	7	12
Southampton	13	7	9	2	0	6	9	7	6	0	1	8	7	11	4	4	8	5	9	4	1	7	8	6	9	0	7	4	7	12
Stonyhurst	14	6	11	0	0	7	13	6	2	0	3	10	10	7	1	2	17	5	2	4	4	12	6	6	3	2	7	3	10	8
Bidston	12	7	10	2	0	3	14	8	3	0	0	7	10	10	4	5	11	6	4	4	4	8	7	5	7	1	5	5	6	13
Valley	11	14	5	1	0	5	10	3	10	0	3	10	2	12	4	5	3	8	6	8	5	8	2	8	8	4	4	6	4	12
Falmouth	10	13	7	1	0	11	3	9	5	0	6	4	4	13	4	4	10	5	5	6	4	8	2	8	9	4	7	2	2	15
Aldergrove	10	14	7	0	0	6	12	7	3	0	3	13	13	1	1	2	8	11	5	4	3	6	11	4	7	6	6	3	5	10
Armagh	10	12	9	0	0	5	9	11	3	0	2	11	10	7	1	2	8	11	4	5	3	9	9	7	3	1	10	5	9	5

**TABLE VI (CONTINUED)**

STATION	JULY					AUGUST					SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER				
	Sunless	0.1 - 3.0 hr	3.1 - 6.0 hr	6.1 - 9.0 hr	> 9.0 hr	Sunless	0.1 - 3.0 hr	3.1 - 6.0 hr	6.1 - 9.0 hr	> 9.0 hr	Sunless	0.1 - 3.0 hr	3.1 - 6.0 hr	6.1 - 9.0 hr	> 9.0 hr	Sunless	0.1 - 3.0 hr	3.1 - 6.0 hr	6.1 - 9.0 hr	> 9.0 hr	Sunless	0.1 - 3.0 hr	3.1 - 6.0 hr	6.1 - 9.0 hr	> 9.0 hr	Sunless	0.1 - 3.0 hr	3.1 - 6.0 hr	6.1 - 9.0 hr	> 9.0 hr
Lerwick	4	11	8	5	3	9	11	6	1	4	11	14	5	0	0	8	12	9	2	0	16	12	1	1	0	19	12	0	0	0
Stornoway	2	19	2	4	4	3	14	4	7	3	4	13	6	6	1	2	12	13	4	0	13	12	5	0	0	13	17	1	0	0
Craibstone	3	7	5	10	6	4	9	7	9	2	2	14	5	7	2	2	11	10	8	0	6	10	13	1	0	7	19	5	0	0
Rothsay	13	3	4	7	4	6	7	7	9	2	13	4	7	4	2	18	5	4	3	1	19	2	8	1	0	22	1	8	0	0
Abbotsinch	3	14	5	5	4	3	10	6	7	5	2	10	12	5	1	3	9	14	5	0	13	10	6	1	0	8	13	10	0	0
Eskdalemuir	5	11	8	4	3	4	15	5	4	3	2	16	7	3	2	4	14	9	4	0	9	16	4	1	0	8	11	11	1	0
Douglas	6	6	6	6	7	2	5	5	12	7	2	9	5	8	6	4	12	11	4	0	9	12	6	3	0	8	14	8	1	0
Cockle Park	5	6	4	8	8	4	6	8	7	6	4	11	9	3	3	1	17	5	8	0	5	14	5	6	0	-	-	-	-	-
Gorleston	0	7	4	10	10	0	7	11	6	7	3	8	10	5	4	4	11	6	10	0	13	6	6	5	0	12	10	7	2	0
Cambridge (N.I.A.B.)	0	3	13	7	8	1	12	7	5	6	5	9	9	5	2	5	14	6	6	0	13	8	6	3	0	10	13	4	4	0
Edgbaston	1	6	5	9	10	2	13	9	5	2	4	9	11	6	0	6	10	10	5	0	12	9	6	3	0	12	10	8	1	0
Kew	0	6	5	7	13	2	7	7	7	8	4	9	8	7	2	3	14	7	6	1	7	10	12	1	0	10	14	5	2	0
Hastings	0	2	6	7	16	3	5	4	7	12	2	11	6	9	2	5	12	5	8	1	6	11	8	5	0	8	15	5	3	0
Southampton	3	4	2	7	15	1	8	5	10	7	3	9	8	7	3	5	14	5	7	0	7	9	6	8	0	11	11	8	1	0
Stonyhurst	2	9	9	7	4	3	12	7	7	2	2	15	6	4	3	-	-	-	-	-	15	9	5	1	0	15	7	7	2	0
Bidston	1	6	6	11	7	3	9	7	6	6	1	11	12	4	2	3	14	8	6	0	7	15	6	2	0	10	13	7	1	0
Valley	4	5	8	8	6	3	7	6	7	8	2	7	4	12	5	4	13	10	4	0	5	12	9	4	0	9	14	7	1	0
Falmouth	3	11	5	3	9	1	8	10	7	5	5	4	8	9	4	7	8	9	7	0	12	5	11	2	0	11	14	4	2	0
Aldergrove	2	17	7	5	0	3	12	8	3	5	3	8	11	7	1	4	14	11	2	0	9	10	7	4	0	9	17	5	0	0
Armagh	1	16	10	3	1	1	13	7	7	3	3	7	12	7	1	4	11	12	4	0	7	12	6	5	0	10	15	6	0	0



TABLE VII NUMBER OF DAYS WITH RAINFALL BETWEEN GIVEN LIMITS DURING 1967

STATION	0 - 0.1 mm	0.2 - 1.0 mm	1.1 - 5.0 mm	5.1 - 10.0 mm	10.1 - 15.0 mm	15.1 - 20.0 mm	20.1 - 25.1 mm	> 25.1 mm	STATION	0 - 0.1 mm	0.2 - 1.0 mm	1.1 - 5.0 mm	5.1 - 10.0 mm	10.1 - 15.0 mm	15.1 - 20.0 mm	20.1 - 25.1 mm	> 25.1 mm
Lerwick	90	57	107	67	30	9	3	2	Shoeburyness	213	51	70	19	8	2	1	1
Stornoway	95	57	113	60	27	11	2	0	Edgbaston	156	84	73	32	12	4	2	2
Fort William	92	73	75	58	28	15	8	16	Ross-on-Wye	187	55	74	30	9	4	2	4
Nairn	136	115	85	16	8	1	2	2	Kew	202	45	75	27	11	3	0	2
Craibstone	160	72	74	31	18	5	4	1	Hastings	192	62	67	17	15	4	4	4
Leuchars	186	71	71	26	7	4	0	0	Southampton	184	62	50	39	15	10	3	2
Rothsay	116	46	89	68	28	10	5	3	Moor House	89	48	80	75	28	15	11	19
Abbotsinch	141	48	92	56	19	6	2	1	Stoneyhurst	132	52	94	46	19	9	7	6
Eskdalemuir	126	34	101	49	29	9	5	12	Bidston	172	54	86	37	7	5	3	1
Douglas	150	48	83	42	19	15	5	3	Valley	161	58	80	42	14	5	1	4
Cockle Park	-	-	-	-	-	-	-	-	Llandrindad Wells	153	42	101	34	24	6	2	3
Scarborough	203	48	73	25	8	2	2	4	Long Ashton	164	59	83	30	12	9	3	5
Cranwell	204	54	69	19	13	2	1	3	Falmouth	160	51	96	25	16	8	6	3
Gorleston	188	52	94	25	4	1	1	0	Aldergrove	127	72	91	55	15	2	1	2
Cambridge	203	53	76	19	9	2	2	1	Armagh	124	75	112	36	11	4	0	3

TABLE VIII NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS DURING 1967

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 . . . .	2	46	167	139	11	0	0	0	0	0	0	39	122	165	39	0	Edgbaston	2	30	118	79	87	46	3	0	0	0	1	23	111	131	89	10
Stornoway	1	22	145	133	62	2	0	0	0	1	0	34	130	153	47	0	Kew	2	20	82	101	86	63	11	0	0	0	1	26	81	139	97	21
Craibstone	1	35	133	101	87	8	0	0	0	0	1	48	151	128	37	0	Hastings	2	20	101	94	119	27	2	0	0	0	1	26	102	112	105	19
Rothsay	0	20	143	108	89	5	0	0	0	0	0	18	125	154	68	0	Southampton	0	13	59	123	93	70	7	0	0	0	1	35	94	127	94	14
Abbotsinch	1	23	113	106	105	17	0	0	0	1	9	41	106	147	60	1	Stoneyhurst	-	-	-	-	-	-	-	-	0	0	8	42	128	117	89	1
Eskdalemuir	3	49	135	88	76	14	0	0	0	0	12	53	139	128	33	0	Bidston	0	23	127	99	101	13	2	0	0	0	0	16	113	128	106	4
Douglas	0	14	151	112	84	4	0	0	0	0	0	14	123	151	77	0	Valley	0	9	117	116	106	15	2	0	0	0	0	16	65	170	112	2
Cockle Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Falmouth	0	4	85	137	103	36	0	0	0	0	0	11	87	174	91	2
Gorleston	0	30	106	97	103	26	3	0	0	0	2	21	105	125	85	27	Aldergrove	0	20	130	98	103	14	0	0	0	1	2	26	117	150	67	2
Cambridge	-	-	-	-	-	-	-	-	0	0	5	48	109	119	77	7	Armagh	0	14	108	108	111	24	0	0	0	0	1	37	133	135	59	0

TABLE IX SUMMARY OF AUTOGRAPHIC RECORDS OF WIND FOR THE YEAR 1967

DISTRICT AND STATION				Height of Vane in metres			Distribution of Hourly Mean Values of Wind Speed										Mean Hourly Wind Speed in knots	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	
				Above Mean Sea Level	Above ground	Effective Height	No of Days	Duration		No of Days	Duration in Hours							Veer from N	Speed in knots	Hour end at			Veer from N	Speed in knots	Day and Time		
								1967	AV											Month	Day	Hour			Month	Day	h. m.
0	Zetland	Lerwick	...	93	10	10	39	227	232	176	1738	3768	2565	462	0	15.0	240	53	Mar	6	15	240	77	Mar	6	1415	
	Orkney	Kirkwall	...	41	15	10	56	368	75	179	1560	3845	2515	472	0	15.3	260	56	Nov	11	20	260	88	Nov	11	1935	
	Caithness	Dounreay	...	34	12	9	57	318	-	203	1912	4685	1764	13	68	17.1	290	54	Oct	17	20	290	77	Oct	17	2010	
		Wick	...	45	10	10	19	70	-	111	924	3859	3101	806	0	12.4	280	42	Mar	2	08	310	78	Mar	18	0110	
																	290	42	Apr	5	15						
																			Dec	3	13						
		Sutherland	Shin	...	24	10	10	8	16	-	69	361	2581	2842	2846	114	8.1	270	40	Mar	21	13	260	72	Feb	3	1255
		Ross & Cromarty	Stornoway (C'Guard)	...	37	12	11	60	326	235	219	1974	3919	1649	892	0	15.9	180	52	Jan	27	20	190	78	Mar	6	0230
			Duirinish	...	38	20	17	14	44	-	119	827	3211	3113	1131	434	11.3	220	43	Feb	27	17	-	69	Mar	17	1330
		Inverness	Benbecula	...	16	10	10	38	205	177	203	1911	4532	1811	301	0	16.2	200	47	Jan	27	19	210	75	Jan	27	1850
1		Fort Augustus (N.S.H.E.B.)	...	58	16	16	0	0	-	20	61	2198	3465	2970	66	6.8	220	30	Mar	6	05	220	61	Feb	27	1455	
	Moray	Kinloss	...	17	13	13	18	62	-	130	1005	3884	3239	570	0	12.7	240	42	Feb	21	16	280	64	Mar	17	2310	
		Lossiemouth	...	31	24	18	18	43	-	110	835	3410	3329	1140	3	11.3	280	41	Oct	17	21	270	70	Oct	17	2040	
		Dyce	...	71	9	9	3	13	6	98	539	3873	3019	1316	0	10.9	320	42	Apr	5	20	330	67	Apr	5	2030	
		Angus	Bell Rock	...	39	40	38	62	390	294	233	2359	4178	1280	525	28	17.7	220	48	Oct	26	03	220	71	Oct	26	0320
		Perth	Rannoch	...	307	17	17	18	54	-	125	993	3387	2529	1497	300	11.6	230	46	Mar	6	06	240	76	Mar	6	0420
			Tummel Bridge	...	161	16	16	0	0	-	22	70	1668	4177	2803	42	6.4	260	29	Mar	11	13	240	57	Mar	14	2340
		Fife	Leuchars	...	24	12	12	4	9	13	96	737	3781	3492	741	0	11.6	210	39	Oct	26	06	210	57	Oct	26	0435
		Midlothian	Turnhouse	...	42	12	10	3	9	-	82	596	3091	3907	1155	0	10.3	200	40	Feb	27	13	190	72	Feb	27	1200
	6a	Argyll	Three	...	27	18	14	61	413	136	225	2334	3822	1428	769	0	16.9	210	49	Mar	6	05	200	79	Mar	6	0005



TABLE IX (CONTINUED)

DISTRICT AND STATION				Height of Vane in metres			Distribution of Hourly Mean Values of Wind Speed											Mean Hourly Wind Speed in knots	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								
							No of Days	Duration	No of Days	Duration in Hours					Veer from N	Speed in knots	Hour ended at		Veer from N	Speed in knots	Day and Time						
										1967	AV	No of Days	Duration in Hours				Month				Day	Hour	Month	Day	h.m.		
Renfrew	Paisley	...	...	57	25	9	0	hr.	0.5	29	97	2051	4100	2512	0	7.1	210	32	Feb	27	12	200	59	Feb	27	1200	
Lanark	Abbotsinch	...	...	16	10	10	6	13	3	86	595	2974	3972	1206	0	10.0	250	37	Feb	27	18	270	68	Feb	27	1805	
	Lowther Hill	...	...	736	13	10	50	256	-	190	1664	4172	2001	506	161	15.6	[ 320	62	Mar	19	17 ]	[ 330	86	Mar	19	1745 ]	
Ayr	Hunterston	...	...	13	9	9	9	17	-	97	578	3395	2884	1875	11	10.3	[ 220	38	Feb	27	18 ]	190	64	Feb	27	1505	
	Prestwick	...	...	21	10	10	1	1	9	63	347	3819	3385	1208	0	10.3	200	34	Feb	27	12	260	60	Feb	21	0140	
Dumfries	Eskdalemuir	...	...	251	15	11	6	12	22	82	379	2799	3110	2460	0	8.5	[ 300	39	Mar	19	09 ]	300	65	Mar	19	0900	
6b	Wigtown	West Freugh	...	...	25	10	10	4	13	-	93	477	4186	3274	681	129	11.5	310	44	Mar	19	14	310	67	Mar	19	1625
	Isle of Man	Ronaldsway	...	...	25	10	10	15	47	-	135	1062	3937	2888	826	0	12.7	180	45	Feb	27	11	190	64	Feb	27	1045
2	Durham	Durham	...	...	20	10	10	27	82	57	180	1688	4682	1992	308	8	15.4	180	49	Feb	27	11	190	73	Feb	27	1050
	South Shields	...	...	119	16	10	2	9	5	52	344	2980	3478	1909	40	9.2	300	41	Mar	17	11	300	72	Mar	17	1020	
Yorks, N.R.	Leeming	...	...	42	10	10	2	8	-	72	369	3340	3794	1249	0	9.9	280	45	Mar	17	12	280	62	Mar	17	1150	
	Lincoln	Cranwell	...	...	76	12	12	3	5	4	49	228	2889	4017	1546	75	9.1	210	35	Feb	27	17	300	57	Feb	28	1310
3	Suffolk	Binbrook	...	...	118	10	10	5	13	-	98	663	4206	3267	611	0	12.0	280	41	Feb	23	07	270	65	Feb	23	0550
	Bedford	Manby	...	...	26	10	10	1	1	-	38	192	4004	3888	675	0	10.4	280	34	Feb	23	07	280	50	Feb	23	0605
Hertford	Mildenhall	...	...	30	25	18	0	0	3	20	109	2261	4584	1806	0	7.9	270	33	Feb	28	12	260	60	Feb	23	0540	
	Cardington	...	...	98	13	9	0	0	-	45	281	3508	4334	585	52	10.4	270	33	Feb	23	06	230	55	Feb	23	0420	
Essex	Garston	...	...	69	41	41	9	39	23	105	753	4196	3117	655	0	12.3	270	41	Feb	28	13	210	63	Oct	3	2000	
	Rothamsted	...	...	94	15	10	0	0	-	7	14	1070	5932	1742	2	6.4	280	26	Feb	23	12	210	51	Sept	5	1230	
4	Stansted	...	...	141	13	10	0	0	0	2	5	909	5722	2124	0	6.2	240	24	Feb	23	05	270	54	Feb	28	0620	
	Coryton	...	...	107	9	9	0	0	-	33	168	3237	4441	914	0	9.3	250	31	Oct	17	09	270	53	Feb	28	0635	
5	Shoeburyness	...	...	20	17	15	0	0	0	14	56	2159	4947	1175	423	8.1	[ 230	31	Oct	27	24 ]	[ 230	62	Oct	27	2345 ]	
	Warwick	Edgbaston	...	...	36	32	28	15	73	29	108	725	5283	2414	240	25	13.6	210	49	Oct	17	04	200	27	Oct	17	0305
Buckingham	Elmdon	...	...	196	36	22	0	0	0.7	22	70	2494	5744	452	0	8.9	190	28	Feb	27	16	260	53	Feb	28	1105	
	Amersham	...	...	105	9	9	0	0	-	52	254	3418	4506	582	0	10.2	[ 260	30	Feb	28	11 ]	260	57	Feb	28	1010	
Stafford	Keele	...	...	152	15	15	0	0	-	12	61	1630	5334	1444	291	7.5	[ -	30	Mar	18	03 ]	[ -	58	Feb	27	1500 ]	
	Worcester	Pershore	...	...	215	15	10	0	0	0	12	38	1790	4758	2174	0	7.0	330	27	Mar	19	10	210	58	Feb	23	0205
5	Greater London	London W/Centre	...	...	47	10	10	2	2	-	64	364	3600	3502	1292	0	10.2	220	35	Feb	27	15	280	57	Feb	28	1000
	Heathrow	...	...	93	70	38	0	0	0	21	92	4017	4299	352	0	10.3	220	29	Oct	17	05	230	56	Oct	17	0505	
Surrey	Hampton	...	...	35	10	10	0	0	0.8	30	142	3096	4874	648	0	9.3	[ 220	32	Sept	5	12 ]	210	53	Oct	17	0330	
	Kew	...	...	42	31	30	0	0	0.2	22	107	2365	4408	1880	0	7.9	[ 210	32	Oct	17	04 ]	270	57	Oct	17	0625	
Kent	Gatwick	...	...	28	23	15	0	0	0.1	12	45	2179	4871	1665	0	7.7	200	30	Oct	17	04	200	60	Feb	19	1440	
	Isle of Grain	...	...	69	10	10	0	0	2	20	108	1960	4735	1957	0	7.5	210	32	Oct	16	24	220	54	Oct	17	0250	
Sussex	Dover	...	...	15	12	10	0	0	2	23	112	2473	4083	1788	304	8.1	210	31	Oct	17	04	210	58	Oct	17	0325	
	Thorney Island	...	...	21	12	19	13	31	14	100	769	3967	2916	917	160	12.0	190	40	Feb	27	20	270	59	Oct	17	0745	
Berkshire	Abingdon	...	...	16	10	10	9	36	0.6	65	416	3867	3419	1022	0	10.9	220	40	Oct	17	03	220	62	Oct	17	0235	
	Hurn	...	...	90	12	12	0	0	0.1	21	71	2573	4231	1885	0	8.0	230	29	Feb	23	04	250	50	Oct	27	2310	
Hampshire	Calshot	...	...	26	16	14	0	0	2	42	183	2889	3873	1815	0	8.8	220	32	Feb	20	20	220	55	Oct	27	1650	
	S. Farnborough	...	...	15	13	10	7	19	16	66	331	3556	4040	814	0	10.4	200	38	Feb	27	19	240	60	Oct	27	0905	
Wiltshire	Larkhill	...	...	97	21	11	4	7	4	50	263	3709	3226	1555	0	9.7	230	37	Oct	27	24	260	59	Feb	21	1310	
	Boscombe Down	...	...	145	13	10	0	0	4	34	164	3376	4216	1004	0	9.5	230	32	Oct	17	03	200	69	Feb	27	1620	
7a	Cumberland	Porton	...	...	130	16	16	6	22	25	87	434	4139	3461	704	0	11.1	[ 220	38	Feb	27	17 ]	300	55	Feb	28	1210
	Sellafield	...	...	120	10	10	4	6	3	47	209	3365	3937	1243	0	9.5	230	37	Oct	17	03	230	58	Oct	17	0245	
Lancashire	Carlisle	...	...	25	12	11	1	4	11	58	307	3247	4175	997	30	9.9	240	36	Oct	26	08	260	52	Oct	26	0735	
	Spadeadam	...	...	42	13	9	2	4	-	61	365	3377	3440	1574	0	9.7	[ 230	35	Mar	15	02 ]	210	59	Feb	27	1355	
Westmorland	Great Dun Fell	...	...	292	16	15	5	9	18	84	483	3154	3726	1364	24	10.1	340	40	Apr	5	24	330	65	Apr	5	2240	
	Moore House	...	...	857	10	10	115	948	-	249	2670	3516	1305	311	10	19.9	200	62	Feb	27	15	200	76	Feb	27	1420	
Cheshire	Squires Gate	...	...	597	15	14	49	217	-	199	1909	3642	2094	563	335	15.6	[ 250	50	Oct	5	02 ]	[ 250	74	Apr	5	0140 ]	
	Southport	...	...	27	17	11	13	48	-	128	1134	4543	2576	459	0	13.6	230	40	Sept	5	11	310	59	Feb	23	0350	
7b	Anglesey	Fleetwood	...	...	19	14	11	7	15	81	70	517	2623	3178	2403	24	8.9	280	40	Feb	28	10	260	60	Feb	28	0900
	Merioneth	Speke	...	...	34	15	9	5	11	43	72	461	3071	3479	1737	11	9.6	330	49	Feb	23	04	320	69	Feb	23	0327
8a	Glamorgan	Manchester W/Centre	...	...	30	10	10	7	11	19	78	491	3590	3564	1104	0	10.6	230	39	Mar	14	22	270	63	Feb	28	0850
	Dorset	Bidston	...	...	82	45	17	0	0	-	26	106	2775	4688	1183	8	8.8	250	30	Feb	28	10	270	63	Feb	28	1000
9	Devon	Ringway	...	...	80	20	12	4	9	33	91	580	2950	3927	1108	186	-	[ 270	39	Feb	28	10 ]	[ 270	66	Mar	11	2320 ]
	Cornwall	Valley	...	...	80	10	10	0	0	8	43	175	3221	4052	1312	0	9.3	280	31	Feb	28	11	280	52	Feb	28	1210
10	Cardigan	Aberporth	...	...	26	16	12	49	292	81	193	1919	3681	2104	764	0	15.4	[ 180	51	Feb	27	11 ]	210	73	Sept	5	0530
	Pembroke	Trawsfynydd	...	...	194	10	10	0	0	-	32	95	1788	5288	1572	17	7.7	180	32	Feb	27	12	210	56	Feb	28	0115



TABLE X NUMBER OF HOURS WITH GUSTS EXCEEDING (A) 33KT. AND (B) 47KT. IN EACH MONTH OF 1967

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	207	259	379	209	84	78	34	8	12	167	201	235	1873	25	59	145	46	21	5	0	0	0	16	14	72	403		
	Kirkwall	162	243	340	186	93	88	30	35	37	140	159	247	1760	21	79	164	59	7	20	0	3	4	30	29	109	525		
	Dounreay	147	240	[322]	[143]	71	48	12	32	38	98	110	224	*	7	45	[104]	37	3	5	0	0	6	11	13	64	*		
	Wick	92	80	205	130	56	44	6	15	29	105	82	170	1014	0	12	61	32	1	4	0	1	0	8	7	33	159		
	Shin	25	[99]	[213]	78	17	72	14	12	23	31	28	44	*	0	29	50	19	0	12	0	0	3	0	3	3	119		
	Stornoway	219	234	401	[131]	36	93	103	24	59	249	193	[233]	*	10	57	120	34	0	1	1	0	2	45	39	[53]	*		
	Duirinish	[22]	[160]	[252]	70	5	[45]	48	[10]	[27]	[134]	[102]	147	*	[0]	43	[59]	11	0	0	0	0	2	[20]	[14]	12	*		
	Benbecula	112	241	409	124	37	85	61	33	70	272	164	224	1832	8	71	102	13	0	1	0	0	9	34	30	43	311		
	Fort Augustus	13	53	77	19	0	9	10	3	4	37	13	17	255	0	5	5	0	0	0	0	0	0	2	0	0	12	*	
	Cairngorm	[202]	[374]	[509]	[190]	137	[198]	[180]	45	[145]	[415]	[203]	204	*	[53]	[205]	[361]	82	27	79	[39]	19	[49]	[182]	[91]	109	*		
1	Kinloss	27	135	262	102	14	44	26	11	23	73	54	118	889	1	22	50	24	0	2	0	0	1	6	4	11	121	*	
	Lossiemouth	106	165	332	140	37	58	19	26	[35]	106	85	186	*	1	37	96	42	0	12	1	0	[5]	25	9	36	*		
	Dyce	57	92	168	69	23	10	6	2	13	73	21	68	602	0	13	20	16	0	1	0	0	0	4	0	4	58	*	
	Bell Rock	102	[190]	334	132	91	43	8	11	51	227	99	158	*	9	[34]	69	35	4	0	0	0	3	32	13	11	*		
	Rannoch	18	166	[361]	96	[31]	[72]	24	14	21	[95]	53	[63]	*	0	29	68	12	0	0	0	0	1	11	2	[7]	*		
	Tummel Bridge	8	72	[110]	37	2	8	0	3	8	21	12	40	*	0	4	11	2	0	0	0	0	0	1	0	3	21	*	
	Leuchars	21	98	225	68	9	14	7	3	13	85	41	50	634	0	8	37	2	0	0	0	0	1	7	0	0	55	*	
	Forth Road Bridge	[41]	[167]	[414]	[98]	[19]	[44]	[43]	18	[36]	[185]	69	*	0	33	[108]	13	0	3	1	0	[7]	[22]	7	*	*	*		
	Turnhouse	16	126	292	83	13	33	11	4	16	81	32	40	747	0	16	52	10	0	0	0	0	0	5	2	2	87	*	
	Edinburgh (B.H.)	96	[195]	[261]	6	6	6	6	6	6	6	6	6	6	9	[40]	[89]	6	6	6	6	6	6	6	6	6	6	6	*
6a	Tiree	225	320	455	168	73	55	45	29	128	336	226	282	2342	30	122	162	35	4	0	0	0	11	70	43	75	552	*	
	Cumbernauld	21	125	[290]	[58]	15	34	9	5	27	124	44	[62]	*	0	24	62	[2]	0	1	0	0	2	7	0	1	*	*	
	Paisley	14	95	238	42	9	27	2	9	17	68	27	36	584	1	12	31	1	0	2	0	0	0	7	0	0	54	*	
	Abbotsinch	23	108	311	59	12	36	3	8	20	83	30	28	721	1	27	45	5	0	2	0	0	0	12	2	0	94	*	
	Lowther Hill	129	[234]	[421]	[162]	116	[84]	44	10	81	207	64	[110]	*	31	[77]	[136]	[45]	17	[2]	0	0	2	25	7	[12]	*	*	
	Hunterston	16	121	268	62	17	0	8	2	0	61	27	21	603	1	22	20	0	0	0	0	0	0	7	0	0	50	*	
	Prestwick	30	102	171	28	17	7	0	0	15	81	27	26	504	0	12	12	0	0	0	0	0	0	3	0	0	27	*	
	Chapelcross	4	[39]	136	†	†	†	†	†	†	†	†	†	†	0	10	3	†	†	†	†	†	†	†	†	†	†	†	*
	Eskdalemuir	60	110	295	91	17	39	4	3	44	145	35	94	937	4	13	56	13	0	0	0	0	0	11	1	7	105	*	
	West Freugh	[48]	[99]	[210]	64	51	6	3	2	31	121	22	75	*	3	[18]	25	7	4	0	0	0	1	15	0	5	*	*	
6b	Ronaldsray	31	155	212	74	42	5	0	5	53	180	46	110	913	1	12	4	5	3	0	0	0	9	24	0	7	65	*	
	Point of Ayre	61	[200]	305	76	64	14	5	9	84	204	90	177	*	3	[29]	28	8	7	0	0	0	1	32	5	10	*	*	
2	Durham	22	120	327	102	16	24	15	1	36	94	47	51	855	1	27	[70]	12	2	0	0	0	1	6	10	2	*	*	
	South Shields	11	95	165	61	8	4	0	0	7	33	38	39	461	0	9	12	9	0	0	0	0	0	2	14	2	48	*	
	Leeming	3	62	127	26	10	5	1	1	7	28	26	20	316	0	8	10	0	0	0	0	0	0	0	0	0	18	*	
	Silpho Moor	25	†	[134]	†	†	[19]	8	8	[27]	[110]	[30]	[110]	†	0	†	[5]	†	†	†	†	†	[10]	0	[9]	†	†	†	*
	Cranwell	5	46	[82]	16	26	0	0	1	15	33	5	4	*	0	8	1	0	0	0	0	0	2	0	0	0	11	*	
	Binbrook	7	75	[136]	52	[43]	[2]	0	0	37	89	24	35	*	0	16	[5]	3	0	0	0	0	6	0	0	1	*	*	
	Manby	1	34	30	13	7	0	0	0	11	23	7	5	131	0	2	0	0	0	0	0	0	0	0	0	0	2	*	
3	Gorleston	*	*	*	40	[42]	[1]	0	*	[19]	[79]	[12]	26	*	*	*	6	0	0	0	0	*	8	11	[2]	1	*	*	
	Mildenhall	2	59	46	21	21	2	0	1	20	54	11	6	243	0	8	0	0	0	0	0	0	3	3	0	0	14	*	
	Bedford	3	50	76	39	27	1	2	0	24	71	11	6	310	0	14	3	1	0	0	0	0	3	6	0	0	27	*	
	Cardington	20	108	118	51	88	5	3	12	39	106	5	11	566	0	19	1	0	8	0	0	0	7	8	0	0	43	*	
	Garston	1	42	21	8	6	0	0	0	6	13	0	1	98	0	0	0	0	0	0	0	0	1	0	0	0	1	*	
	Rothamsted	1	51	31	11	11	1	0	0	11	36	0	7	160	0	4	0	0	0	0	0	0	1	1	0	0	6	*	
	Stansted	2	60	31	15	4	0	0	0	11	26	1	2	152	0	4	0	0	0	0	0	0	0	2	0	0	6	*	
	Coryton	2	64	49	16	8	0	1	4	26	[77]	22	7	*	0	8	1	0	0	0	0	0	4	15	0	0	28	*	
	Shoeburyness	15	116	84	46	50	1	0	6	38	114	39	8	517	0	39	12	0	0	0	0	0	11	28	2	0	92	*	
4	Sheffield	[12]	*	[38]	†	†	†	5	2	3	33	†	†	†	0	*	[11]	†	†	†	†	†	0						



**TABLE XI OCCASIONS ON WHICH THE MAXIMUM HOURLY MEAN WIND WAS 41 KNOTS OR MORE (STRONG GALE) DURING 1967**

District and Station	Date	Max. hourly mean wind of 41 Knots or more			Max. Speed in a gust during the day			Hours for which mean speed exceeded 33 Knots on date in second column	District and Station	Date	Max. hourly mean wind of 41 Knots or more			Max. 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		
0 Lerwick	Jan 13	07	280	47	0610	280	66	03-09	Cairngorm - cont.	Mar 13	23	240	44	2245	250	66	20, 23, 24	
	Feb 3	10	240	41	1050	240	60	09-14		Mar 14	23	220	63	2215	220	100	01-24	
	Feb 5	15	240	42	1440	240	59	08, 13-18, 21-23		Mar 15	01	250	50	0020	250	84	01, 02	
	Feb 27	15	160	45	1435	160	70	12-19		Mar 16	24	220	42	2240	220	66	23, 24	
	Mar 6	15	240	53	1415	240	77	09-18		Mar 17	03	250	58	0155	240	88	01-21	
	Mar 15	15	270	42	1430	270	69	07-18		Mar 18	23	250	43	2240	260	59	22-24	
	Mar 17	20	260	45	1940	250	67	04, 05, 13, 14, 16-24		Mar 19	12	290	50	0115	290	75	01-22	
	Mar 21	14	260	47	1355	260	74	09-19, 24		Mar 20	23	260	44	2325	270	75	01, 04-15, 19-24	
	Apr 5	17	010	43	1620	010	64	02-05, 12, 15-23		Mar 21	08	260	54	0705	260	85	01-22	
	Oct 26	18	250	44	1610	250	70	14-23		Mar 24	16	240	46	2100	250	73	12-24	
	Dec 3	12	280	42	1235	290	74	03-18		Kirkwall	Mar 25	02	260	44	0715	240	66	01-11, 16
	Dec 4	11	250	41	1035	250	59	06-15			Mar 27	04	220	42	0250	220	71	01-04
Feb 3	13	260	52	1250	270	81	08-20	Apr 4	18		260	52	1855	260	80	14-24		
Feb 21	21	280	44	2110	280	64	09-12, 21, 22	Apr 5	04		300	44	0345	300	64	01-16		
Feb 27	21	240	44	1405	170	63	11-15, 21-24	Apr 19	12		260	53	2035	280	78	01-24		
Feb 28	19	280	45	1750	280	78	01, 02, 10-12, 14-20, 24	Apr 20	01		280	46	0020	270	69	01, 02		
Mar 3	05	260	48	0435	270	79	01-06	May 4	09		130	42	0820	130	62	01-12		
Mar 6	12	250	51	1310	250	73	11-17	Jun 3	22		250	41	2115	250	66	21-24		
Mar 17	21	280	48	2120	300	77	09, 11-24	Jun 4	04		270	48	0305	270	73	01-12		
Mar 19	16	290	43	1210	290	80	01-08, 12-19	Jun 28	21		260	43	1800	250	69	08-11, 13-16, 18-24		
Mar 21	13	260	47	1220	260	76	06-17	Jun 29	14		270	41	2015	280	64	02-06, 09, 11-15, 17-19, 21-23		
Apr 4	24	290	43	2145	250	70	22-24	Aug 30	19		260	43	1910	270	60	15-22		
Apr 5	17	340	53	1555	340	79	01, 03-06, 09-24	Sept 2	14	270	48	1310	280	79	04-20			
Apr 17	12	300	43	1125	300	60	01-13, 15	Dounreay	Sept 30	21	270	43	2020	270	70	14, 15, 17-24		
Jun 4	08	260	43	0740	270	66	05-11		Oct 1	09	240	45	0820	240	83	02-11		
Nov 11	20	260	56	1935	260	88	07-12, 15, 17, 19-23		Oct 12	17	220	41	1655	220	65	02, 04-07, 10, 12, 16-18		
Dec 3	09	280	45	0815	280	85	02, 04-17		Oct 15	07	270	45	0620	270	67	02-12		
Dec 4	10	260	48	0930	260	75	05-18		Oct 25	23	220	46	2250	220	76	08, 10-13, 18-24		
Feb 3	14	280	45	1330	280	66	07-18		Oct 26	04	210	48	0355	210	78	01-22, 24		
Feb 21	21	280	42	2045	280	60	07, 08, 18-22, 24		Nov 10	23	250	50	2200	250	74	15-24		
Feb 28	17	280	47	1645	280	67	13-20, 24		Nov 11	02	260	53	0235	260	75	01-03, 10-24		
Mar 1	02	280	42	0110	280	66	02, 03		Nov 14	11	220	54	1050	220	80	06-18		
Mar 2	08	300	50	0700	300	76	01, 06-14		Nov 28	05	290	43	0005	250	64	01, 03-11		
Mar 6	11	270	42	1030	270	62	10-14		Dec 3	11	300	45	1020	300	75	10-15, 17, 18, 22-24		
Mar 17	22	290	48	2105	290	72	11-24		Dec 4	13	290	53	1820	290	77	01-24		
Mar 18	01	300	44	0035	300	59	01-07	Dec 14	24	290	46	2340	290	83	21-24			
Mar 19	09	290	46	0820	290	72	01-19	Dec 15	04	290	54	0130	290	86	01-14			
Mar 21	12	280	42	1155	280	62	06, 11-17, 19-21	Dec 20	22	-	42	1855	-	62	18-24			
Apr 4	24	290	42	2330	290	58	24	Dec 22	13	290	43	1105	300	68	02, 03, 07-14, 21-23			
Apr 5	18	330	46	1745	330	65	01-22	Feb 21	16	240	42	1540	250	60	15-18			
Oct 17	20	290	54	2010	290	77	19-24	Mar 17	24	290	41	2310	280	64	23, 24			
Nov 11	22	290	48	2120	290	70	18-24	Oct 17	22	280	41	1930	280	57	20-24			
Dec 3	13	300	48	1215	300	69	07-18	Oct 17	21	280	41	2040	270	70	19-24			
Dec 5	04	300	42	0350	300	64	01-08	Wick	Apr 5	20	320	42	2030	330	67	15-23		
Mar 2	08	280	42	0725	290	62	08		Feb 3	02	230	41	0145	230	56	01-11, 14		
Apr 5	15	310	42	1450	310	63	01, 05, 10-22		Feb 16	02	140	41	0145	140	53	01-11		
Oct 17	20	290	41	1940	290	68	21, 22		Feb 18	23	160	42	2240	160	60	22-24		
Dec 3	15	290	42	1235	280	72	09-17		Feb 20	15	260	44	0930	250	58	09-16		
Jan 15	13	190	41	1935	180	55	11-14, 20-22, 24		Stornoway	Feb 21	16	270	41	1720	270	60	10-21	
Jan 27	20	180	52	1930	180	71	19-21, 23			Mar 6	09	240	45	0905	240	69	03-17	
Feb 3	06	220	46	0525	230	63	04-16			Mar 11	07	220	46	0430	220	62	02-10, 12-20	
Feb 21	15	240	42	1240	260	63	05-08, 12-17			Mar 14	22	240	42	2035	200	56	13, 21-24	
Feb 27	10	130	41	1015	140	55	06-12			Mar 15	02	240	44	0150	250	66	01-04, 14, 15	
Feb 28	16	230	42	1525	260	63	13-17			Mar 17	14	270	41	1315	270	55	01, 02, 05-07, 09-17	
Mar 6	09	210	41	0230	190	78	01, 03-05, 09-13			Mar 26	20	230	44	1830	220	59	15, 18-24	
Apr 4	20	210	41	1930	210	59	16, 17, 19-23	Apr 5		21	310	46	2100	310	69	01, 05, 07, 10, 13-24		
Oct 17	18	320	41	1720	320	55	15-20	Apr 6		07	330	42	0705	330	55	01-14		
Oct 25	23	210	47	1940	210	67	04-24	Apr 19		18	260	43	1755	260	56	10-12, 14-22, 24		
Oct 26	01	210	43	0015	210	57	01-03, 11, 12	Oct 26		03	220	48	0320	220	71	01-13		
Nov 1	22	060	43	2355	050	61	14, 19-24	Rannoch		Feb 21	15	270	42	1720	270	62	14-19	
Nov 2	01	040	43	0100	040	58	01-11		Feb 27	17	270	42	1720	270	62	14-19		
Nov 11	16	280	43	1455	280	61	04-06, 10, 13-21		Mar 6	18	240	42	1820	250	72	15-19		
Nov 14	05	210	46	0405	210	63	03-07, 10, 11		Mar 6	06	230	46	0420	240	76	02-11		
Dec 2	21	210	44	2005	210	60	17, 19-24		Feb 27	19	220	41	1115	-	65	14, 15, 17-20		
Dec 3	10	280	46	0905	280	61	03-14		Mar 6	07	210	41	0315	220	69	01-12		
Dec 4	11	250	42	1035	250	54	03-18		Mar 15	01	200	44	0110	230	66	01-03, 15		
Feb 27	17	220	43	1700	220	67	13, 14, 16-18		Forth Road Bridge	Mar 17	14	240	41	1415	240	57	02-24	
Jan 27	19	200	47	1850	210	75	10-12, 17-20			Mar 19	05	260	44	0330	250	56	04-06, 10-15, 18, 19, 21	
Feb 21	14	270	42	1045	260	69	01-07, 11-17			Mar 21	14	240	46	1340	250	59	01, 13-19	
Feb 28	14	280	45	1335	280	73	07-19, 21, 23			Apr 19	17	220	43	1650	220	56	14-20, 23, 24	
Mar 2	06	270	42	0110	280	66	01-08, 10, 11			Nov 11	06	240	42	0540	240	57	01, 02, 06-10, 14, 15	
Mar 6	08	260	42	0710	260	63	03-10	Feb 27		13	160	51	1245	160	80	10-17		
Mar 17	17	280	43	1445	270	73	07-24	Mar 5		22	160	43	2235	170	69	18, 19, 21-24		
Oct 25	22	190	43	2210	190	64	11-24	Mar 14		24	300	42	2335	300	68	24		
Dec 3	05	27																



TABLE XI (CONTINUED)

District and Station	Date	Max. hourly mean wind of 41 Knots or more			Max. Speed in a gust during the day			Hours for which mean speed exceeded 33 Knots on date in second column	District and Station	Date	Max. hourly mean wind of 41 Knots or more			Max. 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	
Lowther Hill -cont.	Mar 2	14	300	42	1315	300	62	15, 16, 21	Valley-cont.	Oct 13	24	190	43	2330	190	57	14, 15, 17-24
	Mar 3	13	300	42	1205	300	67	01, 03, 05, 10-14		Oct 14	04	190	46	0315	190	64	01-10, 17, 18, 21-24
	Mar 6	04	290	45	0310	290	83	03-08		Oct 19	04	180	45	0235	170	60	01-12, 14
	Mar 17	24	310	47	2240	310	67	07, 08, 10, 12-24		Oct 25	23	220	45	2225	220	54	03-24
	Mar 18	02	320	45	0100	320	70	01-06		Oct 26	05	220	48	0445	220	67	01-13
	Mar 19	17	320	62	1745	330	86	01, 03-21	8a Milford Haven C.B.	Sept 5	09	250	45	0620	250	67	03-10
	Apr 4	24	290	45	2340	290	65	04, 20, 21, 23, 24	Brawdy	Sept 4	23	190	43	2230	190	63	22, 23
	Apr 5	02	300	45	0120	290	68	01-08, 10-20		Sept 5	06	230	41	0610	230	66	04-11
	Apr 20	01	300	42	0045	300	65	01-04		Oct 31	09	330	43	0930	330	65	05-12
	May 3	24	120	41	2255	130	58	23, 24		Dec 8	05	010	45	0730	010	63	05-08
	Oct 8	03	270	42	0235	270	58	02, 04	8b Portland Bill	Dec 9	02	020	54	0140	020	76	02-05
	Oct 26	06	220	41	0540	220	60	03-08, 11-13		Jan 22	24	180	46	2335	180	57	21-24
	Dec 5	02	280	48	0150	270	71	01-06		Jan 23	02	190	46	0105	190	58	01-04
West Freugh	Mar 19	14	310	44	1625	310	67	12-18		Feb 15	08	130	48	0730	130	58	04-21
8b Ronaldsway	Feb 27	11	180	45	1045	190	64	09-14		Feb 18	18	180	41	2325	270	64	17-23
Point of Ayre	Feb 27	11	180	49	1050	190	73	09-14, 17		Feb 19	21	270	47	2005	290	77	07-10, 13-24
2 Durham	Mar 17	11	300	41	1020	300	72	10-17		Feb 20	20	250	58	1720	250	73	01-09, 12, 17-24
Leeming	Mar 17	12	280	45	1150	280	62	09-14		Feb 21	09	280	43	1410	290	60	01, 02, 06-16, 19
Binbrook	Feb 23	07	280	41	0550	270	65	05-09		Feb 22	24	220	44	2250	220	58	17-24
3 Gorleston	Apr 10	09	050	42	0820	050	51	04-11		Feb 23	04	270	55	0155	270	70	01-14
Cardington	Feb 28	13	270	41	1125	270	57	11-15		Feb 27	19	220	56	1825	220	75	10-24
Shoeburyness	Feb 23	04	210	41	0520	240	66	01-07, 14		Feb 28	01	240	48	(0930)	(280)	70	01-17
	Feb 27	20	200	43	2200	210	55	15-24		Mar 9	17	260	50	2335	220	62	09-24
	Mar 9	17	180	44	1605	170	59	15-21		Mar 10	01	230	49	0030	230	77	01-07, 10, 11, 13, 15
	Oct 3	20	200	42	2000	190	52	16-22		Mar 11	10	270	42	1205	280	70	01, 04, 06-17, 19-24
	Oct 16	22	210	42	2135	210	56	19-24		Mar 12	18	080	43	1800	060	53	17-20
7a Great Dun Fell	Oct 17	04	210	49	0305	200	67	01-09		May 3	21	170	46	2110	170	61	17-24
	Feb 20	01	240	44	0115	230	54	01-07, 09-14, 17		May 4	07	170	49	0635	170	60	01-10, 14, 15, 17, 18, 20, 21
	Feb 21	17	250	43	1450	260	60	03, 13-19, 22		May 19	15	230	45	1355	230	55	11-18
	Feb 23	05	320	45	0430	320	58	01, 02, 04-07, 18		Sept 3	23	250	45	2145	250	54	04-11, 13-24
	Feb 27	15	200	62	1420	200	76	05-21, 23		Sept 4	24	190	45	2315	190	60	01-06, 21-24
	Feb 28	15	250	47	1630	260	60	02-06, 10-24		Sept 5	12	230	56	1245	230	70	01-24
	Mar 1	15	240	50	1520	230	61	01-06, 11-24		Sept 19	06	280	41	0545	280	50	02, 06, 07, 17, 20, 21, 23
	Mar 2	07	250	50	0550	250	60	01-24		Oct 1	24	200	42	2350	200	54	13-15, 18-24
	Mar 3	04	260	53	0445	250	72	01-15, 22-24		Oct 2	02	210	46	0215	220	69	01-04
	Mar 4	10	220	42	1010	220	50	01, 04, 06-12, 15, 16		Oct 3	19	210	55	1805	210	72	08, 10-24
	Mar 5	23	220	52	2240	220	63	16-24		Oct 4	11	270	47	1005	260	65	01-16
	Mar 7	03	210	44	0130	210	58	01-05, 07, 09-11		Oct 14	17	200	48	1655	210	63	01-24
	Mar 9	07	060	41	0550	060	48	04-11, 23, 24		Oct 15	01	250	41	0045	250	52	01-10, 14, 15
	Mar 11	07	220	47	0615	220	52	03-24		Oct 16	23	210	53	2315	200	71	13-24
	Mar 12	05	250	42	0925	250	52	01-12		Oct 17	04	240	59	0305	230	78	01-12, 15-22
	Mar 14	21	210	50	2120	210	64	06, 08-24		Oct 19	06	190	41	0700	190	51	01-10
	Mar 15	01	220	51	0055	220	67	01-04, 12, 13, 15		Oct 25	15	210	43	2350	240	58	11-18, 22-24
	Mar 17	19	250	46	1615	260	61	01, 03-05, 09-21		Oct 26	05	250	45	0320	250	58	01-16, 19
	Mar 19	06	270	46	0505	270	64	03-08, 10, 13-16		Oct 27	21	250	65	2050	250	82	07-24
	Mar 21	18	260	41	1645	250	50	01, 14-19, 21-23		Oct 28	01	260	51	0005	260	67	01-05, 09, 11-13, 14, 16-19
	Mar 25	07	220	46	1045	220	60	01-18		Oct 31	11	280	54	1015	280	69	01-20
	Mar 27	15	230	42	1440	220	52	03-05, 10-15		Nov 1	24	220	49	2135	240	67	10, 12-24
	Apr 4	19	250	42	1810	250	54	01, 13, 14, 16-24		Nov 2	01	240	48	0030	250	77	01-05, 07-15, 19-21, 23, 24
	Apr 5	02	250	49	0130	260	64	01-07, 11-16, 24		Nov 3	06	280	45	0430	270	58	01-10
	Apr 6	05	010	45	0425	360	58	01-16		Nov 29	04	280	44	0330	290	69	02-09
	Apr 8	17	040	42	1750	040	48	07-22		Dec 9	08	040	41	0810	040	53	07-09
	Apr 9	10	050	42	0950	050	49	04-23		Dec 23	05	240	44	0120	240	60	01-10, 12, 13, 16-22
	Apr 10	10	060	47	0935	050	56	02-24	Mount Batten	Dec 25	14	310	47	1400	310	65	09-20
	Apr 19	14	240	44	2045	250	60	06, 07, 11-24		Oct 27	15	220	43	1500	220	62	14-20
	Apr 20	09	260	42	0040	250	58	01-05, 08-14	Scilly	Nov 1	23	230	41	2245	230	57	21-23
	May 14	24	050	43	2320	050	52	23, 24		Feb 19	24	280	41	1515	270	79	10, 15-17, 19, 22-24
	Jun 20	14	250	43	1345	250	54	06, 07, 12-18		Feb 20	17	240	44	0055	280	63	01-03, 14-22
	Jun 22	19	210	49	1805	210	64	17-20		Oct 27	17	270	45	1610	270	62	14-21
	Jun 28	13	220	41	1250	210	50	11-16, 21, 22	Lizard	Oct 31	02	290	41	0150	290	58	01-06, 10, 11
	Sept 2	09	250	43	0845	250	61	03-19		Feb 19	24	270	47	2150	260	71	11-24
	Sept 3	18	210	41	1640	220	55	01-03, 05-07, 12, 14-19		Feb 20	01	270	45	0225	270	57	01-04, 15-24
	Sept 5	12	210	42	1045	190	60	02-22		Feb 22	24	220	41	2335	220	60	21-24
	Sept 25	03	210	42	0300	220	52	01-06		Feb 23	02	280	43	0205	300	53	01, 02
	Oct 1	14	210	47	1300	220	65	04-21		Feb 27	14	210	43	1340	210	73	11-22, 24
	Oct 3	13	200	41	1530	220	58	08-16		Feb 28	06	290	44	0520	270	73	05-15
	Oct 8	01	200	43	0040	210	60	01-05		Oct 27	20	280	47	1430	270	67	14-23
	Oct 9	14	210	48	1410	210	59	04-19		Oct 31	02	290	43	0200	300	72	01-16
	Oct 13	24	200	44	2400	210	58	15-24	9 Belfast Harbour	Nov 1	22	250	42	2210	260	65	13-24
	Oct 14	07	200	47	0400	190	64	01-09, 12-14, 21-24	Kilkeel	Mar 11	20	260	43	1840	260	61	18-21
	Oct 15	04	240	47	0300	240	58	01-09, 11, 12		Feb 27	11	190	41	1015	190	55	10-12
	Oct 19	10	210	48	0855	210	65	03-13, 18-24	Jersey	Feb 20	23	260	49	2250	260	69	01-04, 17-24
	Oct 25	16	220	48	1745	230	69	02, 04-24	Airport	Feb 21	01	270	43	0015	270	59	01, 02, 07
	Oct 26	06	220	56	0500	210	72	01-16		Feb 28	06	260	43	0545	260	60	04-09, 11, 12
	Nov 5	24	320	42	1745	340	45	04-08, 18-24		Oct 17	05	250	47	0355	250	68	04-09
	Dec 3	05	260	46	0450	260	61	01-10, 12, 13		Oct 27	11	260	46	1000	260	65	10-12, 18-24
	Dec 4	24	250	49	2340	260	61	06, 14-24		Oct 31	13	290	55	1300	290	76	03-20
	Dec 5	01	260	49	0105	260	63	01-									



## TABLE XII DATES ON WHICH GUSTS EXCEEDED 47KT.(WHOLE GALE) DURING 1967

For an anemograph 33ft. 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 of the Monthly Weather Report.

District and Station	Dates	District and Station	Dates
0 Lerwick	Jan. 1, 2, 13, 22, 29, 30. Feb. 3, 5, 6, 16, 25, 27, 28. Mar. 1-6, 8-10, 13-15, 17-23. Apr. 4-6, 17, 19, 20. May 4-6, 28. June 4, 20. Oct. 1, 4, 25, 26. Nov. 11, 12, 17, 18, 30. Dec. 2-5, 7, 8, 14, 15, 28.	Rothamsted	Feb. 19, 20, 23, 28. Sept. 5. Oct. 17.
Kirkwall	Jan. 1, 2, 13, 23, 27. Feb. 2, 3, 5, 6, 16, 21, 22, 25, 27, 28. Mar. 1-3, 6, 8-12, 14-23. Apr. 4-6, 16, 17, 19, 20, 30. May 4-6. June 4, 21, 29, 30. Aug. 31. Sept. 2. Oct. 4, 17, 25-27. Nov. 1, 2, 11, 12, 15, 17, 18. Dec. 3-8, 14-16, 28.	Stansted	Feb. 23, 28. Oct. 17.
Dounreay	Jan. 13, 23, 27. Feb. 3, 4, 15, 16, 19, 21, 23, 27, 28. Mar. 1-3, 6, 9, 11, 12, 14, 15, 17-19, 21, 23. Apr. 4, 5, 17, 19. May 4. June 4, 20. Sept. 2, 6. Oct. 17, 18, 26. Nov. 11, 12, 14. Dec. 3-8, 15, 27, 28, 30.	Croyton	Feb. 21, 23, 27, 28. Mar. 10. Sept. 5. Oct. 16, 17, 27, 28.
Wick	Feb. 3, 28. Mar. 2, 6, 9, 15, 17, 19, 21. Apr. 4, 5, 6, 17, 19, 20. May 4. June 4, 20. Aug. 31. Oct. 4, 17, 25, 26. Nov. 1, 11. Dec. 3-6, 8, 15-28.	Shoeburyness	Feb. 18, 21-23, 27, 28. Mar. 9-11, 26. Sept. 5. Oct. 3, 14, 16, 17, 27, 28. Nov. 2.
Shin	Feb. 3, 21, 27, 28. Mar. 1-3, 6, 14, 15, 17, 19, 21. Apr. 4, 5, 17, 19. June 4, 28, 29. Sept. 2. Nov. 11, 14. Dec. 4.	Sheffield	Jan. 1. Defective record, Feb. Mar. 3, 15, 17, 18. Oct. 26.
Stornoway	Jan. 1, 13, 15, 27. Feb. 3, 5, 6, 11, 15, 16, 21, 27, 28. Mar. 1-3, 5-8, 14-19, 21, 22, 26, 28. Apr. 1, 4, 5, 19. June 29. July 24. Sept. 2. Oct. 1, 12, 14, 17, 19, 22, 23, 25, 26. Nov. 1, 2, 10-12, 14, 15. Dec. 2-5, 14, 15, 20, 21, 28, 30.	Edghaston	Feb. 27, 28.
Duirinish	Feb. 3, 15, 21, 27, 28. Mar. 1-3, 7, 8, 10-12, 14, 16-19, 28. Apr. 4, 5, 19. Sept. 2. Oct. 1, 25, 26. Nov. 1, 11, 12, 14. Dec. 2, 3, 15, 22, 28, 30.	Elmdon	Feb. 28. Mar. 1, 18. Apr. 5. May 22. Oct. 17, 26.
Benbecula	Jan. 27, 29. Feb. 3, 18, 20, 21, 24, 25, 27, 28. Mar. 1, 2, 5-7, 10, 14, 15, 17-19, 22, 23, 26, 28. Apr. 1, 4, 5, 19. June 20. Sept. 2, 5. Oct. 1, 14, 15, 17, 25, 26. Nov. 1, 2, 11, 12, 14, 15, 28. Dec. 3, 6, 25, 26, 30, 31.	Amersham	Feb. 20, 23, 27, 28. Sept. 5. Oct. 3, 17.
Fort Augustus	Feb. 27. Mar. 6, 14. Oct. 25.	Keele	Feb. 23, 27, 28. Mar. 18, 19. Apr. 5. Sept. 5.
Cairngorm	Jan. 12, 13, 15, 18, 19, 23, 27-29. Feb. 1-6, 14-16, 18-22, 24-28. Mar. 1-22, 24-27. Apr. 1, 3-5, 16-20, 30. May 3-5, 19-21, 23. June 3-7, 20-22, 28-30. July 8-10, 24-26, 30. Aug. 30, 31. Sept. 2, 3, 5, 6, 30. Oct. 1-4, 6, 7, 11-15, 19-26. Nov. 9-14, 24, 27, 28, 30. Dec. 2-5, 14, 15, 20-23, 26, 27.	Pershore	Feb. 19, 22, 23, 27, 28. Apr. 5. May 26. Sept. 5. Oct. 17.
1 Kinloss	Jan. 27. Feb. 3, 21, 23, 27, 28. Mar. 2, 6, 11, 12, 14, 15, 17, 19, 21. Apr. 4, 5, 17, 19, 20. June 4. Sept. 2. Oct. 4, 17, 26. Nov. 11, 12. Dec. 3, 4, 28.	Avonmouth	Jan. 19. Feb. 19-23, 27, 28. Mar. 9, 11, 26, 28. Apr. 20. Anemograph dismantled for re-erection, May - December.
Lossiemouth	Jan. 13. Feb. 3, 20-23, 27, 28. Mar. 1, 2, 6, 7, 11, 12, 14-22. Apr. 4-6, 17, 19, 20. June 4, 20, 29. July 24. Sept. 2. Oct. 4, 15, 17, 18, 25, 26. Nov. 2, 11, 12, 15. Dec. 3-8, 15, 28, 29.	London W/Centre	Feb. 28. Sept. 5. Oct. 3, 17, 27.
Dyce	Feb. 18, 20, 21, 23, 27, 28. Mar. 3, 6, 12, 17-19, 21, 23. Apr. 5, 6, 20. Oct. 4, 17, 25. Dec. 3, 5, 8, 9.	Heathrow	Feb. 23, 28. Sept. 5. Oct. 17.
Bell Rock	Jan. 21, 23, 25, 27. Feb. 3, 15, 16, 18, 20, 21, 23, 28. Mar. 1, 3, 6, 9-11, 14, 15, 17, 19, 26, 27. Apr. 4-6, 19, 20. May 4. Sept. 2, 5. Oct. 1, 4, 14, 15, 17, 18, 25, 26. Nov. 1, 2, 5, 11, 14. Dec. 7-9, 15, 28, 29.	Hampton	Feb. 19, 21-23, 27, 28. Mar. 9. Sept. 5. Oct. 14, 16, 17, 27, 28.
Rannoch	Feb. 3, 15, 20, 21, 27, 28. Mar. 1, 2, 5-7, 10-12, 14, 15, 17-19, 21. Apr. 4-6, 19. Sept. 2. Oct. 25, 26. Nov. 11. Dec. 3, 4, 28.	Kew	Feb. 19, 21, 23, 28. Mar. 11. Sept. 5. Oct. 17, 27.
Tummel Bridge	Feb. 21, 27. Mar. 6, 11, 14, 17, 19, 21. Apr. 19. Oct. 1. Dec. 3, 4.	Gatwick	Feb. 23, 28. Sept. 5. Oct. 16, 17.
Leuchars	Feb. 21, 27, 28. Mar. 3, 5, 6, 11, 14, 15, 17, 19, 21, 26. Apr. 5, 19. Sept. 2. Oct. 25, 26.	Iale of Grain	Feb. 23, 27, 28. Mar. 9, 11. Sept. 5. Oct. 16, 17, 27, 28. Nov. 2.
Forth Road Bridge	Feb. 2, 3, 20, 21, 27, 28. Mar. 1-3, 5-7, 10-12, 14, 15, 17, 19, 21, 22, 26. Apr. 4, 5, 19, 20. June 20, 29. July 3. Sept. 2. Oct. 1, 7, 8, 14, 15, 19, 25, 28. Nov. 11, 14. Defective record Dec.	Dover	Feb. 18-21, 23, 27, 28. Mar. 9, 10, 26, 27. May 4. June 25. Sept. 5. Oct. 3, 16, 17, 27, 28. Nov. 2.
Turnhouse	Feb. 21, 27, 28. Mar. 2, 3, 5-7, 10-12, 14, 15, 17, 19, 21, 25. Apr. 4, 5, 19, 20. Oct. 15, 26. Nov. 2, 11. Dec. 4.	Thorney Island	Feb. 19, 20, 23, 27, 28. Mar. 10, 11. Sept. 5. Oct. 3, 14, 16, 17, 27, 28. Nov. 2.
Edinburgh (B.H.)	Jan. 17-19, 21, 27. Feb. 2, 3, 5, 19-21, 27, 28. Mar. 1-8, 10-15. Anemograph dismantled for re-erection, Apr. - Dec.	Abingdon	Sept. 5. Oct. 27.
6a Tisee	Jan. 1, 23, 27, 29. Feb. 3, 14-16, 18, 20, 21, 23-25, 27, 28. Mar. 1-3, 5-8, 10-12, 14-19, 21-23, 26, 28, 29. Apr. 1, 4-6, 19, 20, 30. May 1, 4, 21. Sept. 2, 5, 6, 24. Oct. 1, 4, 12-15, 17, 19, 20, 25, 26. Nov. 2, 9, 11, 14, 15. Dec. 2, 3, 6-9, 15, 25, 27-31.	Hurn	Feb. 19-21, 23, 27. Mar. 10, 11. Sept. 5. Oct. 16, 17, 27. Nov. 2.
Cumbernauld	Feb. 20, 21, 27, 28. Mar. 2, 3, 6, 7, 11, 12, 14, 15, 17, 19, 21. Apr. 4, 19. June 20. Sept. 2. Oct. 8, 14, 25, 26. Dec. 4.	Calshot	Feb. 23, 27. Mar. 10. Sept. 5. Oct. 16, 17, 27.
Paisley	Jan. 19. Feb. 20, 21, 27, 28. Mar. 1-3, 5-7, 11, 14, 15, 17, 19, 21, 26. Apr. 4. June 20. Oct. 1, 8, 26.	Sth. Farnborough	Feb. 20, 21, 23, 27, 28. Sept. 5. Oct. 16, 17, 27.
Abbotsinch	Jan. 19. Feb. 20, 21, 27, 28. Mar. 1-3, 5-7, 11, 14, 15, 17-19, 21, 26. Apr. 4, 5, 19. June 4, 20. Oct. 8, 14, 25, 26. Nov. 11.	Larkhill	Feb. 19, 20, 22, 23, 27, 28. Sept. 5. Oct. 16, 17, 27.
Lowther Hill	Jan. 11-13, 17, 19, 27, 29, 31. Feb. 2-4, 15, 16, 19-21, 25, 27, 28. Mar. 1-3, 5-7, 10, 11, 14, 15, 17-26. Apr. 3-5, 9, 19, 20. May 3-5, 20-23. June 4, 29. Sept. 5, 30. Oct. 8, 15, 17, 25, 26. Nov. 1, 2, 11. Dec. 3-5.	Boscombe Down	Feb. 20-23, 27, 28. Sept. 5. Oct. 16, 17, 27.
Hunterston	Jan. 19. Feb. 3, 20, 21, 27, 28. Mar. 1, 2, 6, 11, 12, 17, 19, 26. Oct. 25, 26.	Porton	Feb. 23, 28. Sept. 5. Oct. 16, 17, 27.
Prestwick	Feb. 21, 27, 28. Mar. 2, 6, 11, 17, 18, 22, 26. Oct. 26.	Sellafield	Feb. 27. Oct. 26.
Chapelcross	Feb. 21, 27, 28. Mar. 6, 15, 17. Anemograph out of order, Apr. - Dec.	Carlisle	Feb. 27, 28. Mar. 6, 11, 12, 14, 15, 25, 26. Apr. 4, 5, 19. Oct. 8, 15, 26. Nov. 11. Dec. 4, 5, 23.
Eskdalemuir	Jan. 13, 27. Feb. 21, 23, 27, 28. Mar. 2, 3, 6, 12, 14, 17-19, 21, 29. Apr. 4-6. Oct. 14, 17, 25, 26. Nov. 11. Dec. 3-5.	Spadeadam	Feb. 20, 27, 28. Mar. 1, 2, 5, 6, 10, 11, 14, 15, 17, 19, 26. Apr. 5, 6, 19. Oct. 8, 14, 15, 19, 25, 26. Nov. 11. Dec. 28, 29.
West Freugh	Jan. 23. Feb. 15, 16, 18, 21, 27, 28. Mar. 6, 7, 11, 15, 17-19, 28. Apr. 5, 6. May 3. Sept. 4. Oct. 14, 25, 26. Dec. 25, 31.	Great Dun Fell	Jan. 17, 19, 27, 29. Feb. 2, 3, 19-23, 25, 27, 28. Mar. 1-7, 9, 11, 12, 14, 15, 17, 19-22, 24-28. Apr. 4-6, 8-10, 19, 20, 30. May 3, 4, 14, 20-23. June 6, 20-22, 26. July 24. Sept. 2-5. 24-26, 30. Oct. 1-3, 6-9, 13-15, 17, 19, 20, 22, 25, 26. Nov. 10, 11, 13. Dec. 2-5, 15, 22, 23, 27.
6b Ronaldsway	Jan. 19. Feb. 15, 21, 23, 27, 28. Mar. 11, 19. Apr. 5. May 3. Sept. 4, 5. Oct. 3, 4, 14, 15, 17, 25, 26. Dec. 12, 25.	Moor House	Jan. 13. Feb. 2, 18, 20, 21, 23, 27, 28. Mar. 1-7, 10-12, 14, 15, 17-21, 24, 25, 27. Apr. 3-6, 19, 20. June 20, 28. Sept. 2, 3, 5, 6, 24-26. Oct. 1, 9, 13-15, 19, 25, 26. Nov. 11, 12. Dec. 3-5, 15, 20, 27.
Point of Ayre	Jan. 23, 27. Feb. 3, 15, 20, 23, 27, 28. Mar. 2, 6, 7, 10-12, 14, 15, 17, 19, 26, 29. Apr. 5, 19. May 3, 4. Sept. 4. Oct. 7, 8, 14, 15, 17, 18, 25, 26. Nov. 1. Dec. 25, 30, 31.	Squires Gate	Jan. 25. Feb. 18, 21, 23, 28. Mar. 6, 10-12, 15, 18, 26. Apr. 5. Sept. 3, 5. Oct. 1, 17, 25, 26.
2 Durham	Jan. 13. Feb. 3, 21, 23, 27, 28. Mar. 2, 4, 6, 10, 12, 14, 15, 17, 19, 20, 25, 26. Apr. 5, 6, 19, 20. May 20. Sept. 5. Oct. 1, 26. Nov. 5, 11. Dec. 4.	Southport	Jan. 25. Feb. 21, 23, 28. Mar. 11, 12. Apr. 5. May 21. Sept. 5. Oct. 15, 17, 26.
South Shields	Feb. 3, 21, 23, 27, 28. Mar. 6, 11, 17. Apr. 5, 6, 20. Oct. 17. Nov. 5. Dec. 28, 29.	Fleetwood	Feb. 18, 20, 23, 28. Mar. 11. Apr. 5. Sept. 5. Oct. 15, 17, 25, 26. Dec. 31.
Leeming	Feb. 3, 20, 28. Mar. 6, 17.	Speke	Jan. 25. Feb. 18, 23, 27, 28. Mar. 2, 5, 6, 10, 11, 14, 15, 18, 19, 26. Apr. 5, 6. Oct. 17.
Silpho Moor	Anemograph out of order. Feb. Mar. 14, 15, 17. Sept. 5. Oct. 3, 8, 14, 17, 26. Dec. 4, 9, 15, 29.	Manchester W/Centre	Feb. 21, 23, 27, 28. Mar. 2, 9, 11, 12, 14, 17, 26. Apr. 5. May 15, 20. Sept. 5. Oct. 17, 26.
Cranwell	Feb. 23, 27, 28. Mar. 17. Sept. 5.	Bidston	Jan. 25. Feb. 15, 18, 20, 21, 23, 27, 28. Mar. 2, 6, 9-12, 15, 17, 18, 25, 27, 29. Apr. 15, 20. May 3, 20. Sept. 5. Oct. 17, 26. Dec. 31.
Binbrook	Feb. 21, 23, 27, 28. Mar. 2, 9, 11, 17. Apr. 5, 6. Sept. 5. Dec. 5.	Ringway	Jan. 17, 19, 23, 25, 27, 29. Feb. 18-25, 27, 28. Mar. 6, 7, 10, 11, 14, 26, 27. Apr. 6. May 4, 21, 22. Sept. 3-5. Oct. 1, 3, 6-9, 13-15, 17, 19, 25-27. Nov. 1. Dec. 8, 20, 23, 25, 28, 31.
Manby	Feb. 23.	Valley	Jan. 17, 19, 23, 25, 27, 29. Feb. 18-25, 27, 28. Mar. 6, 7, 10, 11, 14, 26, 27. Apr. 6. May 4, 21, 22. Sept. 3-5. Oct. 1, 3, 6-9, 13-15, 17, 19, 25-27. Nov. 1. Dec. 8, 20, 23, 25, 28, 31.
3 Gorleston	Anemograph out of order. Jan. - Mar. Apr. 6, 10. Anemograph out of order. Aug. Sept. 5. Oct. 3, 17, 28. Nov. 2. Dec. 29.	Trawsfynydd	Feb. 22, 23, 27, 28. Sept. 5. Oct. 3, 14, 25.
Mildenhall	Feb. 21, 23, 27, 28. Sept. 5. Oct. 3, 17.	Aberporth	Jan. 22, 27. Feb. 15, 18, 19, 21-23, 27, 28. Mar. 7, 11. May 3, 4. Sept. 4, 5. Oct. 17, 27, 31. Nov. 1, 2, 28. Dec. 6, 8, 9, 25, 28, 31.
Bedford	Feb. 23, 27, 28. Mar. 11, 19, 28. Apr. 6. Sept. 5. Oct. 17.	Milford Haven	Jan. 18, 19, 22, 25, 27. Feb. 18-20, 27, 28. Mar. 9-11. May 3, 4, 21, 22. Sept. 3-5. Oct. 1, 3, 13, 14, 16, 17, 19, 25-27, 31. Nov. 1. Dec. 9.
Cardington	Feb. 20, 21, 23, 27, 28. Mar. 9. May 2-4. Sept. 5. Oct. 3, 17.	Con. Bd.	Jan. 22, 25, 27. Feb. 15, 18-20, 22, 23, 27, 28. Mar. 2, 7, 10, 19. Apr. 6, 10, 21. May 3, 4, 21, 22. Sept. 4, 5. Oct. 3, 4, 13, 14, 19, 25-27, 31. Nov. 1, 2, 29. Dec. 6, 8, 9, 25, 26, 28, 29.
Garston	Sept. 5.	Brawdy	Feb. 19, 23, 28. Mar. 11. Sept. 3, 5. Oct. 16, 17, 25-27. Nov. 2, 28, 29. Dec. 25.
		Port Talbot	Feb. 19, 21, 23, 28. Apr. 20. Sept. 3, 5. Oct. 17, 27.
		Rhoose	Jan. 7, 18, 19, 21-23, 25, 26. Feb. 13, 15, 18-23, 27, 28. Mar. 2, 8-12, 26, 27. Apr. 2, 9, 21. May 3, 4, 19, 20, 22. June 25. Sept. 3-5, 19. Oct. 1-4, 7, 13-17, 19, 25-28, 31. Nov. 1-3, 5, 28, 29. Dec. 6, 8, 9, 18, 23, 25, 31.
		Portland Bill	Jan. 22, 23. Feb. 15, 19, 20, 22, 23, 27, 28. Mar. 9, 26. May 3. Sept. 4, 5. Oct. 3, 4, 16, 17, 27, 30, 31. Nov. 1. Dec. 8, 9, 23, 25.
		Mount Batten	Jan. 19, 21, 22, 24. Feb. 15, 19-23, 27, 28. Mar. 10, 11, 13, 26, 27. May 3, 4, 21, 23. June 25. Sept. 3-5. Oct. 3, 4, 14, 16, 17, 19, 26-28, 30, 31. Nov. 1, 2. Dec. 9, 25.
		Scilly	Jan. 18, 21, 22, 24. Feb. 15, 18-24, 27, 28. Mar. 9, 11-13, 26, 28. Apr. 21. May 3, 4, 21, 22. June 25. Sept. 3-5. Oct. 3, 4, 14, 16, 17, 19, 27, 28, 30, 31. Nov. 1-3, 29. Dec. 6, 8, 9, 23, 25.
		Lizard	Jan. 24. Feb. 15, 19-21, 23, 27, 28. Mar. 9, 10, 12. Apr. 21. May 4. Sept. 4, 5. Oct. 3, 4, 15, 17, 27, 28, 31. Nov. 1-3, 29. Dec. 6, 8, 23-25, 31.
		9 Ballykelly	Feb. 27, 28. Mar. 6. Apr. 20.
		Aldergrove	Feb. 3, 15, 18, 20, 23, 27, 28. Mar. 1, 6, 7, 11, 14, 15, 17, 18, 26. Apr. 5. May 3. Sept. 4. Oct. 17, 25, 26. Nov. 2, 15.
		Belfast Harbour	Jan. 23. Feb. 15, 18, 20, 24, 27, 28. Mar. 6, 7, 11. Apr. 6. May 4, 20. Sept. 4, 5. Oct. 14, 19, 25, 26. Nov. 2, 15. Dec. 28.
		Kilkeel	Jan. 23. Feb. 15, 20, 21, 27, 28. Mar. 5, 6, 11, 14, 17. May 3, 20. Oct. 17. Dec. 25, 28, 30.
		Carrigans	Jan. 27. Feb. 21, 27, 28. Mar. 1, 2, 5, 6, 11, 14. Oct. 25, 26. Dec. 28, 31.
		Castle Archdale Forest	Jan. 22. Feb. 15, 18-21, 23, 27, 28. Mar. 9, 11, 12, 27. Record ceased May.
		Guernsey	Jan. 24. Feb. 15, 19-21, 23, 27, 28. Mar. 9, 10, 12. Apr. 21. May 4. Sept. 4, 5. Oct. 3, 4, 15, 17, 27, 28, 31. Nov. 1-3, 29. Dec. 6, 8, 23-25, 31.
		Jersey Airport	

## TABLE XIII SOLAR RADIATION AND ILLUMINATION FOR THE YEAR 1967

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 . . . . .	785	12 June	1	21 Jan	202.9	362	397	4 July	1	21 Jan	131.8	362	940	12 June	1	21 Jan	225.1	362
Eskdalemuir . . . . .	844	12 June	6	27 Jan	220.7	361	387	27 June	6	27 Jan	135.6	361	889	12 June	8	27 Jan	239.0	361
Cambridge . . . . .	831	18 June	16	16 Jan	269.5	360	390	22 June	16	16 Jan	161.2	360	-	-	-	-	-	-
London W/Centre . . . . .	798	18 June	5	8 Dec	248.9	354	351	19 June	5	8 Dec	143.0	350	920	18 June	9	8 Dec	286.1	350
Kew . . . . .	812	18 June	8	2 Dec	262.0	360	371	3 June	9	2 Dec	148.4	360	948	18 June	13	2 Dec	301.9	360
Bracknell . . . . .	859	18 June	14	2 Dec	275.8	364	426	3 June	15	2 Dec	161.0	364	909	9 July	18	2 Dec	307.6	364
Aberporth . . . . .	846	2 July	10	2 Dec	291.8	355	444	5 June	12	2 Dec	165.7	353	-	-	-	-	-	-



TABLE I ADDITIONS AND CORRECTIONS

DISTRICTS	MONTH	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUN-SHINE
		*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm	Mean 122 cm.			
Difference from Average							% of Average				
0 SCOTLAND, N.	JANUARY	12.8	-3.3	+0.5		+0.9			0	98	68
4 MIDLANDS				+0.8	+1.2						
6 SCOTLAND, W.							0.0	-0.4			
SCOTLAND.		12.8		+0.7					-1	81	101
ENG. and WALES				+0.6						64	
0 SCOTLAND, N.	FEBRUARY						+1.6	+1.2			
1 SCOTLAND, E.							+1.2	+0.6			
4 MIDLANDS				+1.7	+1.8						
SCOTLAND									131		
ENG. and WALES				+1.6					-1		
4 MIDLANDS	MARCH			+0.9	+1.8	+1.4					
SCOTLAND										198	
ENG. and WALES										95	
2 ENGLAND, N.E.	APRIL			-0.8	-0.1	-0.5		-0.1			
4 MIDLANDS				-1.3	+0.1						
SCOTLAND										75	
ENG. and WALES				-0.9							
0 SCOTLAND, N.	MAY										
1 SCOTLAND, E.							-0.4	-0.4			
							-0.7	-0.4			
2 ENGLAND, N.E.									+13	179	70
4 MIDLANDS				-1.7	-0.3	-1.0					
5 ENGLAND, S.E.							-0.4				
8 ENGLAND, S.W. and S.Wales									+10	201	93
SCOTLAND										242	
ENG. and WALES										201	
0 SCOTLAND, N.	JUNE						+0.3	-0.4			
1 SCOTLAND, E.							+0.3	-0.2			
2 ENGLAND, N.E.										74	
8 ENGLAND, S.W. and S.Wales								-0.3			
1 SCOTLAND, E.	JULY										
2 ENGLAND, N.E.											63
5 ENGLAND, S.E.											67
7 ENGLAND, N.W. and N.Wales											116
SCOTLAND											86
ENG. and WALES											112
2 ENGLAND, N.E.	AUGUST									132	96
3 ENGLAND, E.											
5 ENGLAND, S.E.				-0.4	-0.3	-0.3					
8 ENGLAND, S.W. and S.Wales							-0.3	-0.2			
SCOTLAND											
ENG. and WALES											94
2 ENGLAND, N.E.	SEPTEMBER	5.0	-0.7	+0.1	-0.3						
3 ENGLAND, E.											84
5 ENGLAND, S.E.											
7 ENGLAND, N.W. and N.Wales				-0.5							
8 ENGLAND, S.W. and S.Wales											172
SCOTLAND											109
ENG. and WALES											128
2 ENGLAND, N.E.	OCTOBER			-0.7							89
4 MIDLANDS				+0.1	+0.3						143
SCOTLAND											116
ENG. and WALES											149
2 ENGLAND, N.E.	NOVEMBER			+1.2							179
8 ENGLAND, S.W. and S.Wales				-1.0	-2.1	-1.4					101
SCOTLAND				-1.3							115
ENG. and WALES											85
				-1.7							79

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

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

TABLE II ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	HEIGHT OF VANE IN FEET			DISTRIBUTION OF MEAN HOURLY VALUES OF WIND SPEED										Mean Hourly Wind Speed in knots	HIGHEST VELOCITIES								
			Above Mean Sea Level	Above ground	Effective Height	34 Knots or more (Gale force)		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	Dura- tion (hr)	No. of days	Duration in Hours				Veer from N	Speed in knots	Hour ended at day hour		Veer from N	Speed in knots	Day and Time						
1962	Jan	London (Heathrow) Airport	115	33	33					252	291														
1964	June	Thorney Island	75	65	42						378	197													
1965	Nov	Elmdon	343	31	31			12		212															
	Jan	Mount Batten	209	42	42						171	46													
	Mar	Boscombe Down	425	53	53					398	225														
	Mar	Mount Batten	209	42	42					418	208														
1966	Apr	Elmdon	343	31	31						327	117													
	Apr	Boscombe Down	425	53	53					304	284														
	Apr	Aberporth	483	41	41					275	235	109													
	July	Thorney Island	75	65	42					168	378	198													
	Aug	Thorney Island	75	65	42						381	260													
	Sept	Elmdon	343	31	31					176	437														
	Sept	Kew	92	75	50						401	183													
	Oct	Mount Batten	209	42	42					328	309	66													
	Nov	Thorney Island	75	65	42					230	332	124													
	Jan	Mount Batten	209	42	42			86		364	265														
	Feb	Mount Batten	209	42	42						91	7													
	Mar	Elmdon	343	31	31						319	55													
	Mar	Thorney Island	75	65	42					178	297	256													
	Apr	Mount Batten	209	42	42					406	238														
	1967		Height of Vane in metres																						
		Mar	Mount Batten	64	13	13						174	36												
May		Bell Rock	39	40	38		10	17	173	403	121	33	4	16.7	140	40	4	08	140	57	4		0735		
May		Paisley	57	25	9	-	0	0	0	136	325	283	0	5.7	130	20	4	03	130	42	4		0220		
May		Lowther Hill	736	13	10	3, 4, 22	8	12	111	351	203	61	10	13.8	120	41	3	24	130	58	3		2255		
May		Chapelcross	94	15	15	*																			
May		Elmdon	105	9	9					265	421	40													
May		Rhoose	78	11	10				33	233	364	114													
May		Belfast Harbour	21	18	18	3	2	8	62	391	239	50	0	12.4	110	34	3	23		120	53	3		2205	
May		Moor House	597	15	14	-	0	11	91	377	213	37	26	13.4	210	30	8	18	180	47	22		2310		
June		Moor House	597	15	14	20, 28	6	11	91	198	255	122	48	11.4	260	37	20	15	260	54	20		1605		
June		Shin	24	10	10	29	2	6	37	243	249	188	1	9.1	260	37	29	11	250	58	29		1030		
June		Cumbernauld	166	10	10	-	0	6	37	289	319	75	0	10.7	220	31	4	03	260	53	20		1205		
June		Chapelcross	94	15	15	*																			
June		Valley	26	16	12					220	336	106													
June		Rhoose	78	11	10						404	74													
June		Mount Batten	64	13	13						469	59													
June		Belfast Harbour	21	18	18	-	0	2	6	330	295	89	0	9.8	220	23	28	15	230	37	28		1710		
July		Shin	24	10	10	-	0	2	3	253	286	200	2	8.0	270	24	8	15	260	41	8		1325		
July		Bell Rock	39	40	38	-	0	11	78	493	132	41	0	14.4	250	29	10	18	250	39	10		1800		
July		Cumbernauld	166	10	10	Defective record																			
July		South Shields	22	17	13	-	0	1	1	144	413	186	0	6.8	070	22	14	11	240	31	26		1450		
July		Cardington	69	41	41	-			1	4	320	368	52		10.0		23			36					
July		Elmdon	105	9	9					212	476														
July		Moor House	597	15	14	10	2	9	75	418	204	45	0	13.1	210	35	10	04	210	46	10		0355		
July		Ringway	80	10	10					170	444	130													
July		Rhoose	78	11	10					286	395														
Aug		Bell Rock	39	40	38	-	0	4	27	428	216	73	0	11.8	240	33	30	18	240	45	30		1740		
Aug		Turnhouse	42	12	10					142	428	171													
Aug		Prestwick	21	10	10					220	394														
Aug		Moor House	597	15	14	-	0	8	31	314	283	92	24	10.6	260	29	31	01	190	42	1		0915		
Aug		Belfast Harbour	21	18	18	Incomplete record																			
Sept		Wick	45	10	10						225	323													
Sept		Shin	24	10	10	-	0	4	13	121	238	344	4	5.5	250	32	2	11	250	56	2		1015		
Sept		Bell Rock	39	40	38	2, 5	6	12	115	302	178	119	0	13.0	160	38	5	04	150	52	5		0255		
Sept		Cumbernauld	166	10	10	-	0	3	20	175	371	145	9	8.4	240	31	2	12	250	49	2		1250		
Sept		Abbotsinch	16	10	10					134	385	188							160	(55)	5		(0115)		
Sept		Lowther Hill	736	13	10																				
Sept		Eskdalemuir	251	15	11					143		330													
Sept		Thorney Island	16	10	10					329	277														
Sept		Boscombe Down	130	16	16						299	69													
Sept		Moor House	597	15	14	2, 5, 6, 25	15	11	107	227	279	92	0	12.2	240	38	2	08	240	55	2		0915		
Sept	Valley	26	16	12					249	212	77														
Sept	Mount Batten	64	13	13						263	65														
Oct	Eskdalemuir	251	15	11					73	322															
Oct	Moor House	597	15	14	1, 9, 14, 15, 19, 26	30	26	249	357	105	3	0	19.1	210	42	19	20	240	67	15		0555			
Oct	Ringway	80	10	10						398															
Oct	Valley	26	16	12				110		299															
Oct	Mount Batten	64	13	13					146	404															
Nov	Bell Rock	39	40	38	2, 5, 11, 14	39	18	147	300	167	67	0	15.6	230	40	14	14	050	52	2		0250			



**TABLE II CORRECTIONS TO RINGWAY**

Distribution of Mean Hourly Values of Wind Speed

Year	Range	January	February	March	April	May	June	July	August	September	October	November	December
1963	11 to 21 knots 4 to 10 knots Less than 4 knots		213 302					421 224			415 91	263 318 95	392 126
1964	11 to 21 knots 4 to 10 knots Less than 4 knots				279 354 85	335 296 96		169 342 230	144 412 186			295 204	320 171
1965	11 to 21 knots 4 to 10 knots Less than 4 knots			241 414 72		251 398	218 368	116 483 145	190 409 145	217 372 128	211 161	286 283	
1966	11 to 21 knots 4 to 10 knots Less than 4 knots			339 297		317 126	378 70	219 392 132	225 397	168 324	204 347	297 82	
1967	11 to 21 knots 4 to 10 knots Less than 4 knots	186 444				314 345	362 160						

**TABLE III ADDITIONS AND CORRECTIONS**

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH		RAINFALL (Terminal hour 9 GMT)						WEATHER Number of Days							BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Means of		Mean Temperatures (Mean of A & B)	Difference from Average $\beta$	Highest Maximum and Lowest Minimum				TEMPER- ATURES °C		Total fall (inches)	Per cent of Average $\beta$ Amount	Most in a day		Precip'n		Snow or Sleet Snow lying at 9hr.	Hail	Ice Pellets etc. Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily mean (hr.)	Per cent of Average $\beta$ Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
					A Max.	B Min.			Date	Minimum	Date	1 ft.	4 ft.	0.01in(0.2mm) or more			0.04in(1.0mm) or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1966	March	Mount Batten																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	



TABLE III ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal hr. GMT Min. of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE			
					Means of		Mean Temperatures (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day		Precip'n		Snow or Sleet	Snow lying at 9hr	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Gale	Daily Mean (hr.)
					A Max.	B Min.			Maximum	Date	Minimum	Date	Amount (mm.)	Date					0.2 mm. or more	1.0 mm. or more												
1967	January	Stenness																														
	April	Whitby											(39)	105	10	8	(10)	(7)														
	May	Poolewe											43	93	15	22	11	9	0	0	0	0	1	0	0	1	0	6.22	103	-		
	June	Cockle Park	-	-	-	-	-	-	-	-	-	12.8	-	42	-	12	25	8	8	-	-	-	-	-	-	-	-	-	-	-		
		Princetown	-	(1.4)	(4.9)	-	-	-	-	-	-	-	-	42	-	12	25	8	8	-	-	-	-	-	-	-	-	-	-	-	-	
1967	July	West Lavington																														
		Garvagh Forest												37					8													
		Aldergrove												51																		
		Cockle Park	-	-	-	-	-	-	-	-	-	(15.0)	-	(72)	(99)	29	14	16	14	0	-	0	0	0	-	0	0	(5.56)	(106)	-	-	
		Durham																														
		Redcar	20.1		16.1									40	71	10	27	10	8													
		Whitby	20.4	11.9	16.1	-	25.6	6, 10	8.9	9, 22, 29	-	-	(55)	(86)	(19)	14	(10)	(9)	0	0	0	0	0	1	0	-	0	5.77	105	-	-	
		Skegness												51	81			9	6													
		Letchworth																														
		Wrexham	21.3		16.3		25.6	17	7.2	23																						
		Wincanton	21.5	11.3	16.4	-	27.8	12	7.2	6, 9	-	-	42	-	15	29	12	9	0	0	0	0	2	0	0	0	0	-	-	-	-	
		Shaftesbury	20.7	11.2	15.9	+0.4	26.1	12, 13	7.2	3	-	-	72	106	26	22	8	8	-	-	-	-	0	0	-	-	-	-	-	-	-	
		Ilfracombe	19.4	14.2	16.8	-0.5	25.0	12, 17	10.6	15	(18.8)	15.8	89	85	35	29	15	9	0	0	0	0	0	0	0	0	0	6.10	105	-	-	
		Princetown	-	-	-	-	-	-	-	-	-	-	148	-	41	29	14	12	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Woburn																														
		Garvagh Forest												85		42																
		Santon Downham																														
		Aldergrove																														
		Clacton												113																		
		Cockle Park	-	-	-	-	-	-	-	-	-	14.6	-	100	130	18	18	15	12	0	0	0	1	0	2	0	0	0	8.16	119	-	
	High Mowthorpe			10.7	14.9				6.1	20			108	135			18	11														
	Skegness												30	56	10	14	11	8														
	Luton												(55)		22	10	14	13														
	Letchworth												37	71	6	14	14	10														
	Nottingham T.C.	20.5	11.7	16.1	-	24.4	22, 28, 29	6.7	20, 21	-	-	84	-	50	10	14	10		-	-	-	-	0	0	0	-	(4.37)	-	-	-		
	Worcester												40	71	15	13	13	6														
	Bromley	21.1	12.6	16.9	-0.3	27.2	1	8.3	5, 21	-	-	80	145	17	10	14	10		-	0	-	-	1	0	-	-	-	-	-	-		
	Swyddffynnon												99	87	25	11	17	14														
	Cannington												53	74																		
	Wincanton			10.8	15.4																	1	0									
	Princetown	-	-	-	-	-	-	-	-	-	-	-	125	-	23	13	17	17	-	-	-	-	-	-	-	-	-	-	-	-		
	Exmouth	19.3	12.4	15.9	-0.2	22.8	19, 23, 27	8.9	5, 6	-	-	56	82	9	10, 13	14	11	0	0	0	0	1	0	0	-	0	6.61	103	-	-		
	Gulval																															
	Garvagh Forest												121		27																	
1967	September	Bush House	15.1	7.4	11.3	-	18.9	26	1.7	23	12.8	12.9	71	86	12	26	17	15	0	0	0	0	0	0	0	0	0	3.70	-	-	-	
		Wauchope	15.9	7.1	11.5	-	19.4	26	1.7	7, 14	-	-	110	136	23	29	20	16	0	0	0	0	1	3	0	-	-	-	-	-	-	
		Millport	15.7	10.8	13.3	0.0	17.8	12, 15, 21	7.2	7, 8	-	-	107	102	18	24	17	15	0	0	0	0	0	1	0	-	0	-	-	-	-	
		Crossmyloof											79	-	15	4	18	14														
		Lowther Hill	10.4	6.2	8.3	-	14.0	14, 15	3.5	7	-	-	-	-	-	-	-	0	-	0	0	0	20	0	-	2	2.42	-	-	-		
		Hunterston											106	-	19	24	17	15														
		Fort William																														
		West Freugh	15.5	9.0	12.3	-	18.0	15	2.6	8	-	-	127	137	26	24	18	13	-	-	-	-	-	0	-	-	4.54	-	-	-		
		Ushaw																														
		Whitby	15.9	10.1	13.0	-	18.9	10, 26	6.7	7, 9, 23	-	-	-	-	-	-	-	0	0	0	0	0	4	0	-	0	3.26	69	-	-		
		Caistor											(40)	-	7	17	(18)	(12)														
		Cleethorpes											(59)	126	(13)	12	(16)	(13)														
		Skegness											37	73	7	21	14	9														
		Luton											62	-	8	4	17	14														
		Letchworth											37	76	7	4	(15)	(10)														
		Stanstead Abbots											(48)	-	8	14	(15)	(9)														
		Slaidburn																														
		Birmingham K.E.S.											69	111	10	29	17	16														
		Worcester	18.0	9.9	13.9	-							(68)	(131)	(15)	(11)	20	16														
		Bromley	18.4	11.1	14.7	-0.2	22.2	26, 28	5.0	9	-	-	64	131	10	4	19	11	-	0	-	-	2	0	-	-	-	-	-	-		
		Rustington											75	-	34	17	14	11														
		Wakehurst Place		10.1	13.7	-																										
		West Lavington		(10.0)	(13.7)																											
		Bardsey Island	16.2	12.7	14.5	-	18.3	12	9.6	8	-	-	133	-	34	11	20	17	-	0	-	-	-	0	0	0	-	-	-	-	-	
		Trawsfynydd																														



TABLE IV ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Hour of Observation (GMT)	MEAN PRESSURE IN MBS		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT (Oktas)				VISIBILITY (Metres and Kilometres)								WIND SPEED AND DIRECTION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				At Mean Sea Level	Difference from Average	Dry Bulb °C	Depression of Wet Bulb °C	Vapour Pressure (mb)	Relative Humidity %	MEAN	0	1-2	3-5	6-7	8	9	0-39m.	40-190m.	200-390m.	400-990m.	1000-1900m.	2000-3900m.	4-9Km	10-19Km	20-39Km	40Km. and over	Beaufort Force								N.	N.E.	E.	S.E.	S.	S.W.	W.	W.W.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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TABLE IX ADDITIONS AND CORRECTIONS

YEAR	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	Dura- tion	No. of days	Dura- tion	Dura- tion	Dura- tion	Dura- tion	Dura- tion		Veer from N	Speed	Hour ended at	Speed	Day and Time
1958	2 Durham					2045	3503								
1960	3 Mildenhall					2110	4986	1600							
	5 London Airport					2295	4980	1366							
1961	3 Mildenhall				144	2327	4534	1754							
	5 London Airport				153	2382	4590	1635							
	8a Rhoose					3013	4778	804							
1962	3 Mildenhall					2206	4322	2078							
	5 London (Heathrow) Airport					2938	4640	971							
	7b Holyhead (Valley)						2609	1923							
	8a Aberporth						2506	1077							
1963	3 Mildenhall					1851	4613	2205							
	4 Elmdon					2877	4549	1196							
	5 London (Heathrow) Airport				127	2779		843							
	Boscombe Down					2283	4117	2219							
	7a Ringway					2779	4065	1658							
	7b Valley		121		1167	3573	2800	1099							
	8a Aberporth					4234	2278	879							
	Rhoose						3869	417							
1964	3 Mildenhall				63	1942	4451	2328							
	4 Elmdon				132	2853	4423	1376							
	5 London (Heathrow) Airport				94	2553	5113	1024							
	Kew Observatory						4752	1786							
	Thorney Island						3861	2821							
	Boscombe Down					2902	3981								
	7a Ringway					2534	4014	2108							
	7b Valley				1509	3886	2575	650							
	8a Aberporth				1289	4035	2631	786							
	Rhoose				472	3551	4318	436							
1965	3 Mildenhall					1946	4413	2239							
	4 Elmdon					2583	4719	1198							
	5 London (Heathrow) Airport					3241	4557	721							
	Kew Observatory						5140	1254							
	Thorney Island					2161	3850	2616							
	7a Ringway					2605	4378	1571							
	7b Valley					3802	2740	534							
	8a Aberporth					3692	2927	1030							
	Rhoose				770	3186	4225	531							
	8b Mount Batten					3656	3526	751							
1966	3 Mildenhall					2105	4535								
	4 Elmdon					3008	4411	1113							
	5 Heathrow					3079	4631	935							
	Kew						4845	1640							
	Thorney Island					2988	3738	1775							
	Boscombe Down					3938	3582								
	7a Ringway					3486	3785	1250							
	7b Valley		150		1558	3986	2450								
	8a Aberporth						2751	837							
	Rhoose				629	3448	4187	463							
	8b Mount Batten					3768	3458	908							

The following stations, sending in monthly returns of observations which are not published in the M.W.R., should be inserted in the Introduction for 1967:-

Station (County)	Type		Lat.	Long.	National Grid	Authority
Aberfoyle (Perth)	C	Not publ.	56 10N	04 23W	27-526007	The Conservator (West)
Dalcross (Inverness)	A	"	57 32N	04 03W	28-766520	
Gartly (Aberdeen)	C	"	57 22N	02 48W	38-520319	The Conservator (East)
Girvan (Ayrshire)	C	"	55 15N	04 51W	25-184979	Town Council
Kinross (Kinross)	C	"	56 13N	03 25W	37-123032	Sir David Montgomery
Lundin Links (Fife)	C	"	56 13N	02 57W	37-408023	Lundin Golf Club
Mepal (Cambs)	Ag	"	52 26N	00 05E	52-431826	M.A.F.F. Pinner Middx.
Orlockhead	A	"	54 40N	05 35W	LJ(33)-559833	
Repton School (Derby)	C	"	52 50N	01 33W	43-302270	S.T. Whitaker, Repton, Derby
Strathallan (Perth)	C	"	56 21N	03 28W	37-090185	The Bursar, Strathallan School
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