

Met. O. 800

DUPPLICATE ALSO

METEOROLOGICAL OFFICE



THE
MONTHLY
WEATHER REPORT
1968

VOLUME 85

LONDON: HER MAJESTY'S STATIONERY OFFICE

1969

FH 3A

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, 1968

Volume 85

CONTENTS

Map of Climatological Districts	.. .. .	frontispiece
INTRODUCTION		
A Brief History of the <i>Monthly Weather Report</i>	.. .. .	(v)
General Arrangement of the Monthly Parts	.. .. .	(v)
General Arrangement of the Annual Summary	.. .. .	(vi)
Notes on the Tables	.. .. .	(vi)
Table I. District Values	.. .. .	(vi)
Table II. Summary of Autographic Records of Surface Wind	.. .. .	(vii)
Table III. Summary of Daily Observations	.. .. .	(vii)
Table IV. Summary of Observations at Fixed Hours	.. .. .	(viii)
Table VIII. Number of Days with Maximum and Minimum Temperatures between given limits	.. .. .	(ix)
Table XIII. Solar Radiation and Illumination	.. .. .	(ix)
Heights of Stations above Mean Sea Level	.. .. .	(ix)
High Level Stations—Extremes of Temperature	.. .. .	(ix)
Averages	.. .. .	(ix)
Standards of Time	.. .. .	(x)
Interpolated Values	.. .. .	(x)
Sea Temperatures	.. .. .	(x)
Amendments to List of Stations making returns	.. .. .	(x)
MONTHLY WEATHER REPORTS 1968	.. .. .	1
ANNUAL SUMMARY	.. .. .	193

All inquiries relating to this publication should be addressed to:
The Director-General, Meteorological Office (Met.O.3a),
London Road, Bracknell, Berkshire RG12 2SZ

INTRODUCTION

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

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

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

A BRIEF HISTORY OF THE MONTHLY WEATHER REPORT

Monthly summaries of observations made at stations in connexion with the Meteorological Office were first published in 1869 in the *Quarterly Weather Report*, a publication issued for each of the years 1869 to 1880. The *Monthly Weather Report* commenced in 1884. The gap is bridged for synoptic stations by a supplement to the *Daily Weather Report* and for other stations by tables in *Observations at Stations of the Second Order*. Data on radiation relating to the period 1911–21 was published in the *British Meteorological and Magnetic Year Book*, Part III, Section 2, and for the period 1922–56 in the *Observatories Year Book*; 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 Great Britain broadly grouped according to their general climatic features. The districts and the positions of the stations used in each district are shown on the frontispiece.
3. Table II. Summary of autographic records of surface wind.
4. A plate of four maps showing:
 - (a) The distribution of pressure based on observations at selected stations at 9 h. (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 9 h.
 - (b) The distribution of mean air temperature at sea level over the land. Mean sea temperatures in coastal waters are shown in circles round the coast. The names of the lighthouses and light-ships making these observations are given in the frontispiece of this Introduction.
 - (c) The distribution of bright sunshine in hours per day.
 - (d) 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 temperatures, mean earth temperatures 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 surface wind, made at fixed hours 3, 9, 15 and 21 h. (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.

* London Meteorological Office; *Observer's Handbook*, 2nd Edn. London, HMSO 1956.

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 issue but based on data for the year as a whole.
 3. Table V. Highest and lowest maximum and minimum temperatures 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 surface 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 kt and (b) 47 kt at each anemograph station.
 8. Table XI. Occasions of 'strong gales' during the year.
 9. Table XII. Dates on which gusts exceeded 47 kt during the year.
- Tables IX, X, XI and XII together comprise the surface wind section.

NOTES ON THE TABLES

TABLE I. DISTRICT VALUES

A table in this form was started in 1908, and was revised in 1928, 1941, 1956, 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 values which 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	Acklington	TR - - -	7	1	Newton Rigg	TR - - S
	2	Wick	TR - - S		2	Tynemouth	- - - S		2	Spadeadam	- E1 E2 -
	3	Achany	- E1 E2 -		3	Durham	TR E1 E2 S		3	Stonyhurst	TR - - S
	4	Stornoway	TR - - S		4	Bridlington	TR - - -		4	Nelson	- E1 E2 -
	5	Fortrose	TR - - S		5	Hull	TR E1 E2 S		5	Bidston	TR - - S
	6	Isle of Rhum	- E1 E2 -		6	Lincoln	- E1 E2 -		6	Ringway	TR - - S
	7	Onich	TR - - S		7	Cranwell	TR E1 E2 -		7	Valley	TR - - S
	8	Fort William	- E1 E2 -						8	Wrexham	- E1 E2 -
1	1	Forres	TR E1 E2 S	3	1	Sproston	TR - - S	8	1	Llandrindod Wells	TR - - S
	2	Craibstone	TR E1 E2 S		2	Gorleston	TR E1 E2 S		2	Swansea	- E1 E2 -
	3	Mylnefield	- E1 E2 -		3	Cambridge B.G.	TR E1 E2 -		3	Cardiff	TR E1 E2 S
	4	Dundee	TR - - -		4	Cambridge N.I.A.B.	- - - S		4	Long Ashton	TR - - S
	5	Arbroath	- - - S		5	Woburn	- E1 E2 -		5	Plymouth, The Hoe	- E1 E2 -
	6	Strathyre	- E1 E2 -		6	Rothamsted	TR E1 E2 S		6	Teignmouth	TR - - S
	7	St. Andrews	- E1 E2 -		7	Shoeburyness	TR - - S		7	Rosewarne	- E1 E2 -
	8	Edinburgh	TR - - S		8	Clacton-on-Sea	- E1 E2 -		8	Falmouth	TR - - S
	9	Berwick	TR - - S								
6	1	Tiree	TR - - S	4	1	Huddersfield	- - - S			NORTHERN IRELAND	
	2	Rothsay	TR - - S		2	Bradford	TR E1 E2 -		1	Ballykelly	T - - S
	3	Stirling	- E1 E2 -		3	Buxton	- E1 E2 -		2	Moneydig	T - - S
	4	Paisley	- E1 E2 -		4	Nottingham	TR - - S		3	Aldergrove	T - - S
	5	Abbotsinch	TR - - S		5	Raunds	TR E1 E2 S		4	Hillsborough	- - - S
	6	Auchincruive	- E1 E2 -		6	Oxford	TR E1 E2 S		5	Armagh	T - - S
	7	Dumfries	TR E1 E2 S		7	Ross-on-Wye	TR E1 E2 S		6	Castle Archdale Forest	T - - S
	8	Eskdalemuir	TR E1 E2 S								
				5	1	Kew	TR E1 E2 S				
					2	Wisley	- E1 E2 -				
					3	Margate	- E1 E2 -				
					4	East Malling	TR - - S				
					5	Hastings	TR E1 E2 S				
					6	Southampton	TR - - S				
					7	Bournemouth	- E1 E2 -				
					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 on 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 by the sign ε.

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

TABLE II. SUMMARY OF AUTOGRAPHIC RECORDS OF SURFACE 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 being obtained from pressure-tube anemographs.

DISTRIBUTION OF MEAN HOURLY VALUES OF SURFACE WIND SPEED

The classification of surface wind speed is based on the Beaufort scale of wind force (see *Observer's Handbook*, 1956 ed., page 74). For an anemograph complying with the specification 'head 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' column. 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 ended at exact hours (GMT) in each of which the mean wind velocity was between the stated limits.

HIGHEST VELOCITIES

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

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, Table III and Table IV (see below) 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 gives, in addition, information regarding the duration of bright sunshine, mean earth temperatures at 30 and 122 cm, the number of observations of different ranges of visibility and the number of observations of the different total amounts of cloud.

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 the intervals of 24 hours ending at that time. When the maximum thermometer is read at 9 h. (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 9 h. to 21 h. (GMT) and the night-minimum for the period 21 h. to 9 h. (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.

Mean monthly maximum and minimum temperatures for stations with differing terminal hours, as indicated in col. 2, are not strictly comparable.

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 in a louvered screen on the north wall and about 3 m above the ground in the immediate vicinity, this being a mound on which the observatory is built, and about 5 m above the level of the general lawns. From 1st January 1969, after a two year overlap, measurements will be obtained from an electrical resistance aspirated psychrometer in an open position on the main lawn at 1.2 m above it.

EARTH TEMPERATURE

Measurements of earth temperature are taken at 9 h. (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 9h. to 9h. (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 9 h. (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. All rainfall measurements are given in millimetres.

WEATHER

Number of days of precipitation. Every day when rainfall (over the 24-hour period 9h. to 9h. (GMT)) exceeds the limits 0.2 mm (.01 inch) and 1 mm (.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 9 h. (GMT). Every day when snow is lying at 9 h. (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 9 h. (GMT). The entry of 'fog' implies that regular observations of the range of vision are made. Days of fog are those on which the range of vision is less than 1000 metres (1,100 yards) at 9 h. (GMT). Any variability of the hour of observation may make a great difference to the statistics of fog frequency. When the visibility is different in different directions the observation taken in the direction of worst visibility is used in determining a day of fog.

Air frost. An air frost is counted when the screen minimum temperature, read either at the terminal hour of 9 h. or 21 h. (GMT), was below 0° C.

Grass minimum below 0° C. A day of grass minimum temperature below 0° C is entered when the reading of the grass minimum thermometer at 9 h. (GMT) was below 0° C, the thermometer having been set and exposed at 21 h. (GMT) or soon after sunset the previous evening, or, at stations where this is not possible, at 9 h. (GMT) the previous day. The time of setting the thermometer should not vary from day to day and the entry is credited to the day of reading. The grass minimum temperature refers either to the 24-hour period 9 h. to 9 h. (GMT) or to the shorter period covering the whole night (e.g. sunset to 9 h. (GMT)).

Concrete minimum below 0° C. At a number of stations a minimum thermometer is set and exposed at the same time as the grass minimum thermometer, but with its bulb touching the centre of the smooth surface of a slab of concrete of specified standard size and composition. A day of concrete minimum temperature below 0° C is entered if the minimum temperature, read at 9 h. (GMT), is below 0° C.

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

SUNSHINE

The sunshine recorder is generally insensitive to sunshine when the sun is at an altitude of less than 3°. Where the symbol 'S' occurs it indicates that obstacles obstruct the sun's rays during more than 5 per cent of the period when the sun is over 3° above the horizon.

TABLE IV. SUMMARY OF OBSERVATIONS AT FIXED HOURS

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

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

MEAN AIR PRESSURE

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

HUMIDITY

The values are based on readings of dry- and wet-bulb thermometers in louvered screens and are derived from Hygrometric Tables (based on a formula by Regnault) issued by the Meteorological Office.* 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.

* London, Meteorological Office; *Hygrometric Tables* Part I, 6th edition, HMSO 1964.

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.

SURFACE 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.

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

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

TABLE XIII. SOLAR RADIATION AND ILLUMINATION

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

The instruments used for the radiation records are Moll-Gorczynski solarimeters. Meteorological Office pattern bimetallic actinographs may be used as standby instruments for recording total radiation. Daylight illumination is measured photoelectrically (Kew Mk. V instrument).

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

From January 1, 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

Unless otherwise stated in a footnote the height of a station above mean sea level given in Table III refers to the height above Ordnance Datum of the ground on which the rain-gauge stands, while the 'height of barometer above mean sea level' given in Table IV refers to the height above Ordnance Datum of the barometer cistern or precision aneroid. A note on the errors arising from differences between the old Liverpool Ordnance Datum and the Newlyn Ordnance Datum adopted in Great Britain in 1933 was included in the Introduction for 1953. From January 1, 1964, altitudes in Northern Ireland refer to the Belfast Datum. On the average the Belfast Datum is about 0.3 m lower than the Newlyn Datum. All heights are given in metres.

HIGH LEVEL STATION—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, 1916–50* (M.O.635).

PRESSURE (TABLE IV)

The averages refer to 9 h. (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 1931-60* (M.O.794).

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 Standard Time (1 hour in advance of GMT) was in force after 17 February 1968.

INTERPOLATED VALUES

When the observations from any station for a particular month are incomplete it may be possible to estimate approximate values for the missing observations by using reports from the neighbouring stations. 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 1968 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 or lighthouses.

AMENDMENTS TO LIST OF STATIONS MAKING RETURNS

The complete list of stations for which data is given in the *Monthly Weather Report* was published in 1967. The following amendments should now be made to this list:

1. Delete stations which closed during 1968.

Bovingdon
Morcombelake
Nottingham Training College
Reading S.T.G.
Thirsk

2. Add stations which commenced during 1968

Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
Brize Norton (Oxford)	SaA	1968	51 45N	01 35W	42-289060	Meteorological Office
Cheldon Barton (Devon)	Sb	Not published	50 54N	03 48W	21-734134	Mr. M. L. H. Sampson
Cottesmore (Rutland)	A	Not published	52 43N	00 40W	43-909154	Meteorological Office
Culterty (Aberdeen)	C	Not published	57 19N	02 00W	38-999260	Culterty Field Station
Downside Abbey (Somerset)	C	Not published	51 15N	02 30W	31-656508	Father Joseph Coombe-Tennant
Fowlis Wester (Perth)	C	Not published	56 24N	03 44W	27-928241	Mr. H. C. P. Park
Glen Torridon (Ross and Cromarty)	C	Not published	57 32N	05 27W	18-931565	Mr. W. Wallace
John O'Groats (Caithness)	C	Not published	58 38N	03 04W	39-382725	Mr. J. Will
Kirkintilloch (Dunbarton)	C	Not published	55 57N	04 08W	26-665743	Mr. A McGugan
Lenzie (Dunbarton)	C	Not published	55 56N	04 09W	26-652727	The Rector, Lenzie Academy
Livingston		Not published				
Moel Cynnedd (Montgomery)	C	Not published	52 29N	03 43W	22-843877	Hydrological Research Unit
Morley St. Botolph (Norfolk)	Ag	Not published	52 33N	01 03E	62-061996	Director, Norfolk Agric. Station
Moy (Inverness)	C	Not published	57 23N	04 03W	28-765341	Forestry Commission (Scotland)
Murlough (Down)	C	Not published	54 15N	05 51W	IJ(33)-407352	Queens University
North Heath (Sussex)	Ag	Not published	50 59N	00 29W	51-069227	The Principal, W.S.S.A.
Penmaen (Glamorgan)	Ag	Not published	51 35N	04 07W	21-532888	Mr. J. S. Powell
Whiteford Burrows (Glamorgan)	C	Not published	51 37N	04 15W	21-438941	Mr. C. H. W. Griffiths
Williton (Somerset)	C	Not published	51 08N	03 21W	31-057378	Field Studies Council
Wingerworth (Derby)	C	Not published	53 12N	01 27W	43-371669	Mr. D. S. B. Fellowes
3. Correct the following entries						
Hampstead (Not Hampstead as given)		1910				
Grendon Underwood						The Director, Institute of Hydrology
Luddington			52 10N	01 45W	42-167528	Mr. D. S. Maitland
Oaken						
Portland Bill	A					The Manager, Entertainments and Administration
Redcar						
Reading			51 26N	00 56W	41-736713	The Water Engineer, Liverpool Corporation
Lake Vytwny						The Water Engineer, Liverpool Corporation
Oswestry						Rural District Council
Tavistock						Principal, Mon. College of Agriculture
Usk						Principal, Pershore College of Agriculture
Pershore						

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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



Volume 85 Number 1

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968

January 1968 — Generally cold until the 12th, then rather mild

Weather was cyclonic in character on the 1st-9th and 13th-18th. At other times generally anticyclonic weather prevailed with pressure high to the south, to the west or over the British Isles.

The month began rather cold with a trough of low pressure, accompanied by rain and snow, moving slowly across the country on the 1st and 2nd. The trough was closely followed by a depression which, as it moved eastwards across Scotland on the 3rd, brought heavy snowstorms to the extreme north. The north-westerly airstream behind the depression brought frequent showers to most districts. A frontal system from the Atlantic brought milder weather with periods of rain to southern England on the 4th and 5th but elsewhere it remained cold with snow at times. In parts of Devon afternoon temperatures reaching 14°C contrasted sharply with near freezing conditions in southern Scotland and northern England, where a foot of snow covered the lower hills.

From the 6th until the 12th temperatures in the south-west were well above average. Periods of heavy rain on the 6th led to flooding in some districts as a small depression moved south-eastwards across south-west England into northern France. Northerly winds and occasional snow or sleet showers followed the depression on the 7th, but on the night of the 8th/9th a deepening depression brought heavy rain and widespread floods as it moved south-eastwards across Devon and Cornwall. Many places in the south-west recorded more than 50 mm of rain. Strong to gale force, easterly winds on the northern side of the depression brought heavy falls of snow to parts of the Midlands. On the morning of the 9th much of central England lay under a foot of snow. A ridge of high pressure moving slowly across the country following the disturbance on the 10th, 11th and 12th brought a change to quiet mainly dry weather with well-broken cloud and severe frost at night; at Coltishall temperatures fell to -13°C on the morning of the 13th.

The cold spell came to an end on the 13th as mild south-westerly winds from the Atlantic brought rain to all areas. The rain was heavy at times — falls of 30-40 mm were recorded in north-west England — and was preceded by snow in some eastern districts. This rain, together with a sharp rise of temperature, led to the rapid thaw of lying snow and to widespread floods in Wales and the West Country. During the afternoon of the 14th a depression deepened very rapidly as it moved eastwards towards western Scotland and that night wind reached storm force in most northern districts. A gust of 116 kt at Great Dun Fell, Westmorland, was the highest confirmed wind speed ever recorded in England and Wales. Gale damage was extensive in central Scotland, and Glasgow with gusts exceeding 90 kt in many places, was particularly badly hit. Between 50 and 60 mm of rain were recorded at a number of places in west Scotland. This disturbance was followed on the 16th and 18th by others which brought a renewal of strong to gale force winds and further widespread and occasionally heavy rain.

The weather pattern changed on the 19th as an anticyclone developed over the English Channel bringing the rather wet spell to an end. From the 20th to the 22nd an anticyclone covered the British Isles and weather was mainly dry but dull. Fog forming overnight in the Midlands and eastern England persisted at many places for much of the following day during this period.

The anticyclone retreated westwards on the 23rd and from then until the 26th was centred off the west of Ireland. Rather mild north-westerly winds on the eastern side of the anticyclone brought showers to many places during this period. By the 27th the anticyclone was almost stationary to the north of the Azores and troughs in the associated north-westerly airstream brought periods of continuous rain to most districts of the British Isles. The anticyclone began drifting eastwards again on the 28th which was one of the sunniest days of the month; Ross-on-Wye recorded 8.2 hours of sunshine thus equalling the sunniest January day on record, for the British Isles. During the last three days of the month the anticyclone covered the Bay of Biscay and an increasing part of western Europe. The resulting south-westerly winds originating in low latitudes brought occasional rain, and exceptionally mild weather to the British Isles; temperatures on the 30th reached 14°C at some places.

Pressure and Wind — Mean pressure was above the average everywhere except in the Shetlands, the deviation from average at 0900 GMT ranging from -0.8 mb at Lerwick to +7.1 mb at Scilly. Surface winds were mainly north-westerly at first backing to south-east to east on the 8th and 9th. South-westerly winds on the 13th-22nd were preceded and followed by three days of light variable winds after which winds were generally north-westerly until the 28th and south-westerly during the last three days of the month. Winds reached gale force on 22 days. The gale of the 14th/15th was the most widespread and severe. Gusts exceeding 90 kt were recorded at many places and there was widespread devastation with loss of life. A gust of 102 kt was recorded at Tiree.

Temperature — Temperature was mainly below the average until the 12th except for two days during the first week in south-east England, but during the remainder of the month it was generally above average.

Extremes included:—(England and Wales) 14.4°C at Wintonington and Santon Downham on the 14th and 15th respectively; -14.4°C at Cromer on the 13th; (Scotland) 13.9°C at Glentworth on the 19th; -17.2°C at Braemar on the 10th; (Northern Ireland) 14.0°C at Glenanne on the 14th; -11.1°C at Derrynogd Forest on the 10th.

Rainfall — Rainfall was below the average over most of Britain, but slightly above the average in Lancashire, Cheshire and Shropshire and above average locally in Nottinghamshire, the West Riding of Yorkshire, along the English Channel coast and in parts of the north and west of Scotland. Rainfall was above average over most of Northern Ireland and over Wales except the south-east and south-west. Some places in Northumberland and south-east Scotland had less than half their January average.

Thunder was heard on 8 days and thunderstorms were widespread on the 14th.

Snow or sleet (rain or drizzle and snow) fell over much of the country during the first two weeks and during the last week. Snow cover was deepest around the 10th when it lay 3 to 6 inches deep in south and east England, 6-12 inches over much of the Midlands and western England and 16-20 inches in parts of northern and central Wales.

Sunshine — Sunshine was rather greater in the north and east than in the south and west, percentages of local average ranging from 48 at Sidmouth to 105 at Huddersfield.

Fog — Fog at 0900 GMT was reported from one place or another on 9 days, mist or fog being widespread during the first week. There was considerable hill and coast fog on the 14th and the 20th-23rd was a foggy period, the fog persisting all day in some places in Scotland on the 22nd.

Miscellaneous Phenomena — The aurora was visible in Scotland on the 22nd.

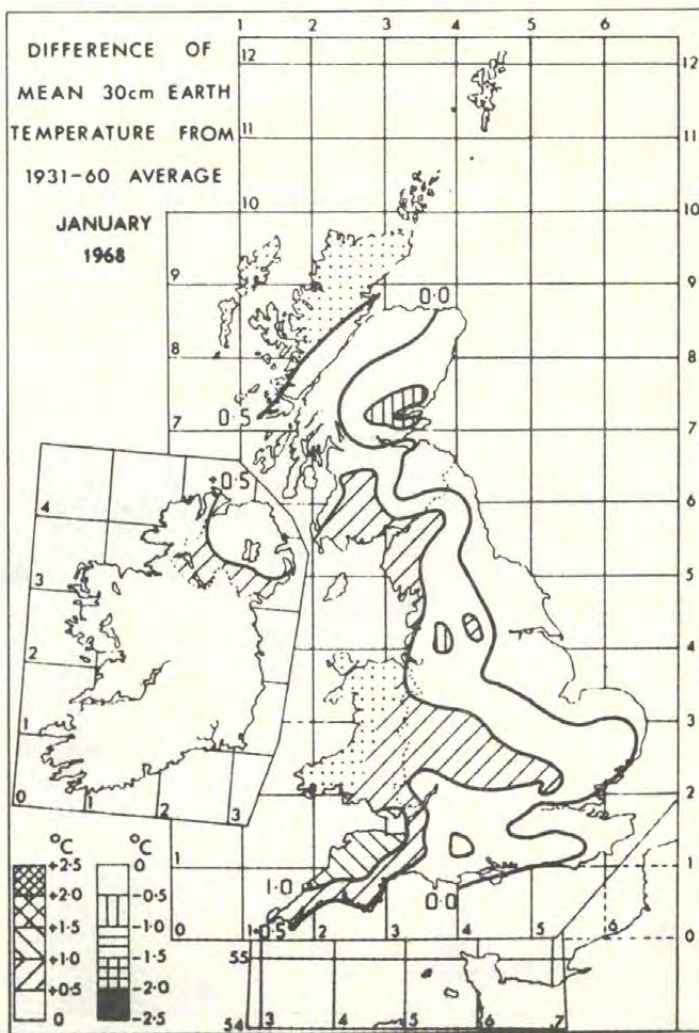
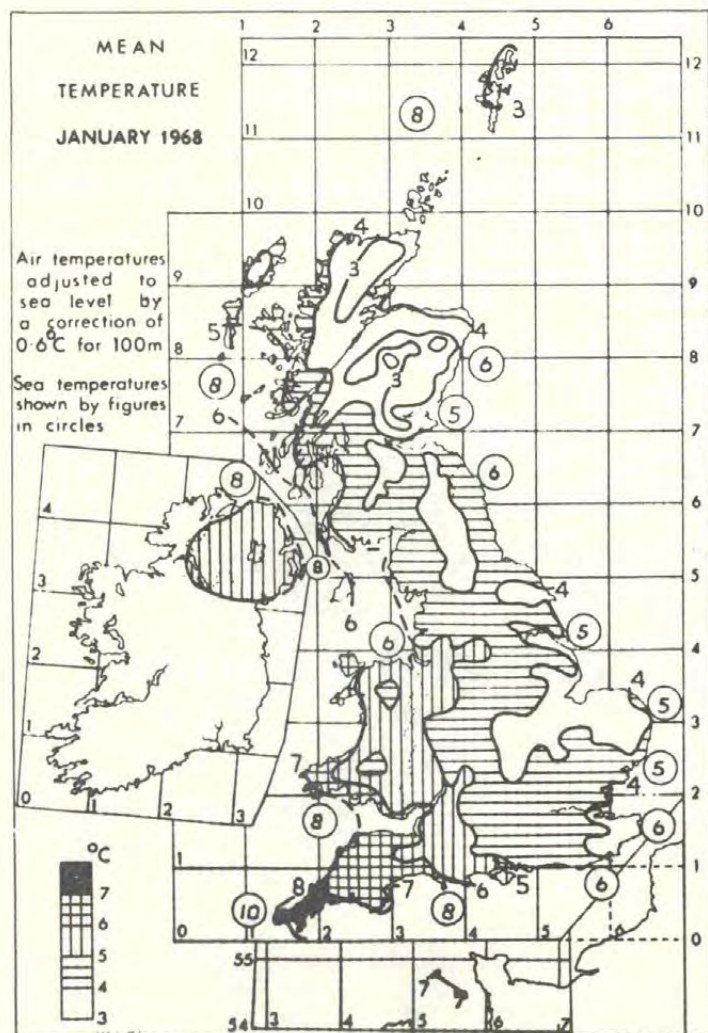
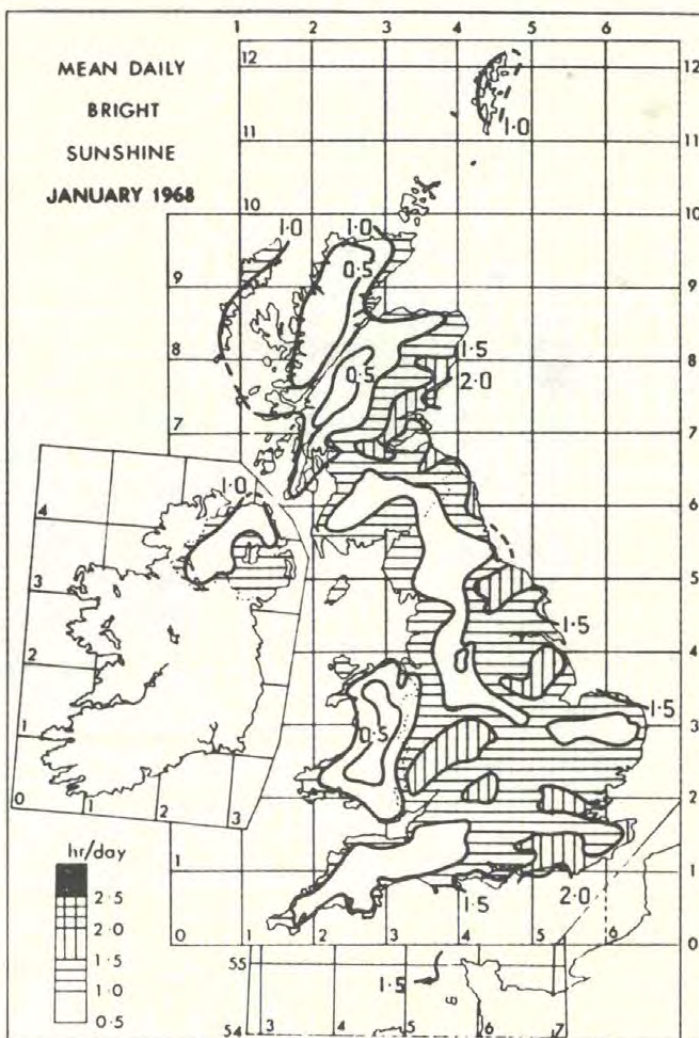
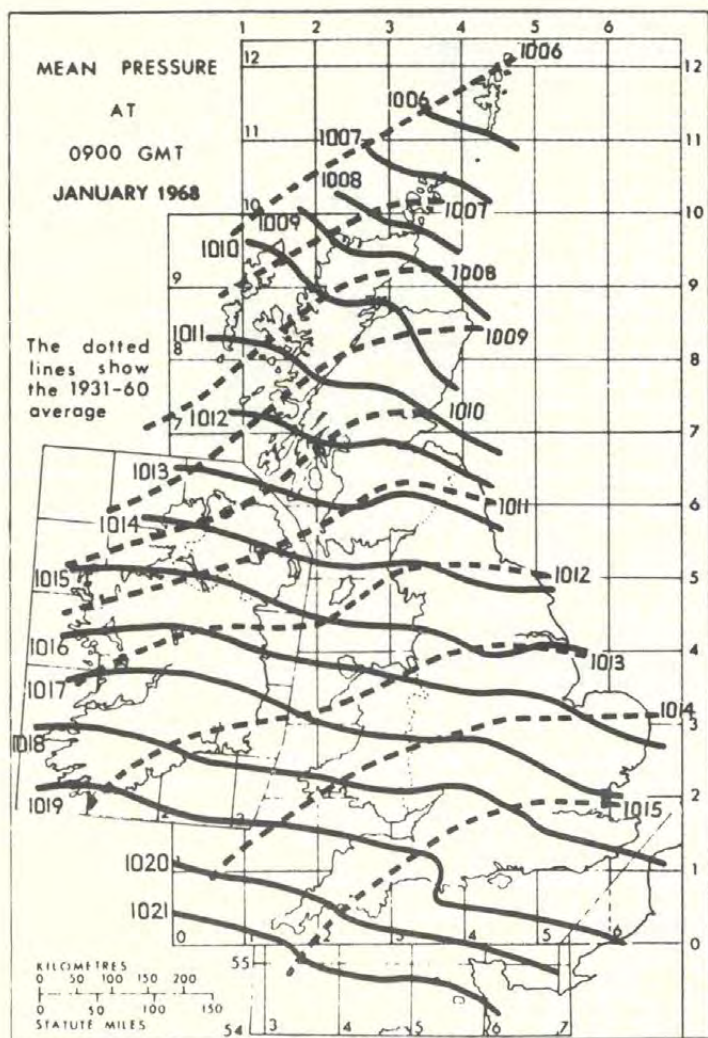
TABLE I—DISTRICT VALUES, JANUARY, 1968

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	-8.6	0.0	-0.2	-0.1	+0.6	+1.0	+3	104	84
1 SCOTLAND, E.	12.2	-7.8	+0.5	+0.4	+0.5	+0.2	+0.2	-1	63	102
2 ENGLAND, N.E.	13.3	-6.5	+0.8	+0.6	+0.7	-0.3	-0.5	-1	57	94
3 ENGLAND, E.	12.8	-13.3	+0.2	+0.2	+0.3	+0.2	-0.3	0	85	69
4 MIDLANDS	12.7	-9.4	+0.8	+1.1	+0.9	+0.4	-0.2	-1	84	89
5 ENGLAND, S.E.	12.8	-11.7	+0.3	+0.4	+0.3	-0.3	-0.3	0	87	78
6 SCOTLAND, W.	12.2	-10.2	+0.7	+1.0	+0.9	+0.1	+0.4	-1	75	87
7 ENGLAND, N.W. and N. Wales	13.4	-8.3	+0.8	+1.2	+1.0	+0.6	+0.1	-1	105	69
8 ENGLAND, S.W. and S. Wales	12.8	-12.2	+0.9	+1.1	+0.9	+0.8	+0.1	-2	83	47
N. IRELAND	13.0	-7.4	+1.1	+1.4	+1.3	-	-	-2	116	69
SCOTLAND	12.2	-10.2	+0.4	+0.4	+0.4	-	-	0	84	91
ENG. and WALES	13.4	-13.3	+0.6	+0.8	+0.7	-	-	-1	85	74

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— JANUARY, 1968

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	knots	knots	knots	knots		knots	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	3, 6, 14, 27, 28, 29	19	21	209	378	110	33	0	17.4	230	42	14	15	250	64	28	0001
	Orkney	Kirkwall	41	15	10	3, 14, 25, 28, 29	24	20	174	379	131	36	0	16.5	350	43	3	12	250	62	29	0710
	Caithness	Dounreay	34	12	9																	
		Wick	45	10	10	3, 25	5	15	102	406	204	27	0	14.5	350	36	3	14	310	54	25	1640
	Sutherland	Shin	24	10	10		0	6	11	203	282	248	0	7.0	280	26	31	23	260	47	26	2040
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	3, 12-14, 19, 20, 24-27, 29	49	27	221	338	86	50	0	18.5	180	42	12	24	180	58	12	2310
		Duirinish	38	20	17		0	9	52	338	231	109	14	11.1	210	31	19	22	DEF	48	31	2042
	Inverness	Benbecula	16	10	10	2, 3, 14, 15, 31	11	20	148	395	173	17	0	15.8	290	40	15	04	180	62	14	2240
		Corrach	23	15	12	14, 15, 29, 31	12	14	82	244	182	223	1	10.7	240	58	15	03	Ø			
		Fort Augustus (N.S.R.E.B.)	58	16	16	15	1	2	4	189	277	240	33	6.7	220	36	15	02	230	59	15	0130
		Dalcross	21	10	10		0	5	21	355	257	109	2	10.2	260	32	15	06	200	46	15	0225
		Cairngorm	1074	9	9	9, 10, 13-15, 18-20, 25-31	126	23	202	218	114	38	46	21.2	280	63	15	04	280	93	15	0330
1	Moray	Kinloss	17	13	13	3, 15, 31	6	14	90	372	242	34	0	13.5	260	40	15	06	260	81	15	0525
		Lossiemouth	31	24	18	3, 15	6	17	76	355	260	47	0	13.1	360	40	3	13	360	57	3	1240
	Aberdeen	Dyce	71	9	9	15	2	9	38	361	193	150	0	10.9	280	36	15	07	290	57	15	0655
	Angus	Bell Rock	39	40	38	3, 15, 29, 31	27	24	180	355	142	40	0	17.0	240	65	15	05	240	96	15	0410
	Perth	Rannoch	307	17	17																	
		Tummal Bridge	161	16	16	15	5	2	8	129	336	266	0	6.3	280	40	15	06	280	70	15	0530
	Fife	Leuchars	24	12	12	15, 31	10	12	49	343	276	66	0	11.8	230	56	15	04	230	92	15	0315
	West Lothian	Forth Road Bridge	72	9	72																	
	Middlethian	Turnhouse	42	12	10	15, 31	14	6	22	259	295	154	0	9.7	250	62	15	05	250	90	15	0430
6a	Argyll	Tiree	27	18	14	1-3, 8, 9, 12-15, 31	60	28	240	296	69	79	0	18.7	240	67	15	03	240	102	15	0225
	Dunbarton	Cumbernauld	166	10	10																	
	Renfrew	Paisley	57	25	9																	
		Abbotsinch	16	10	10	15	8	8	40	243	291	162	0	9.5	250	53	15	03	250	89	15	0255
	Lanark	Lowther Hill	738	13	10																	
	Ayr	Hunterston	13	9	9	3, 15	10	14	51	265	267	127	24	10.9	250	48	15	04	250	83	15	0240
		Prestwick	21	10	10	3, 15	8	9	42	298	249	147	0	10.3	250	50	15	04	260	90	15	0345
	Dumfries	Chapelcross	94	15	15																	
		Eskdalemuir	651	33	33	3, 15, 26, 31	17	15	84	226	216	201	0	10.8	240	49	15	04	250	87	15	0520
	Wigtown	West Freugh	25	10	10	14, 15, 25	11	9	74	349	198	112	0	12.3	270	41	15	04	260	71	15	0035
6b	Isle of Man	Ronaldsway	25	10	10	3, 8, 9, 14, 15, 31	26	17	120	340	201	57	0	14.7	240	42	15	05	230	66	15	0105
		Point of Ayre	20	10	10	2, 3, 8, 9, 15, 15, 17, 31	39	22	180	365	122	38	0	17.5	230	42	15	03	240	69	15	0505
2	Durham	Durham	119	16	10	14, 15	9	10	33	306	261	135	0	10.5	280	45	15	08	280	90	15	0655
		South Shields	39	17	13	15	5	5	34	272	281	152	0	9.9	260	39	15	07	290	73	15	0605
	Yorks, N.R.	Leeming	42	10	10	14, 15	14	10	47	338	233	112	0	11.5	270	43	15	07	260	69	15	0520
		Middlesbrough	23	19	19	3, 7, 14	8	17	86	366	202	44	38	13.6	350	39	7	06	240	71	15	0420
		Silpho Moor	207	15	9																	
	Yorks, E.R.	Leconfield	18	10	10		0	9	63	325	270	86	0	11.4	360	33	7	07	260	64	15	0425
	Lincoln	Cranwell	88	14	14		0	6	31	206	385	122	0	8.6	260	31	15	02	250	52	15	0355
		Binbrook	118	10	10	15	3	15	112	355	182	92	0	13.4	250	39	15	02	250	62	15	0110
		Manby	26	10	10		0	9	48	368	263	65	0	11.8	250	31	15	02	260	50	15	0140
3	Norfolk	Gorleston	16	13	13		0	11	81	345	229	80	9	12.1	060	33	9	15	260	56	15	1115
	Suffolk	Mildenhall	30	25	18		0	5	35	297	274	138	0	9.8	250	30	14	21	250	49	14	2040
	Bedford	Bedford	98	13	9		0	10	59	325	239	121	0	11.3	230	31	14	24	240	52	15	0215
		Cardington	69	41	41	14, 15	9	12	100	341	216	78	0	13.0	250	37	15	02	240	56	14	2025
	Hertford	Garston	94	15	10		0	1	3	170	365	206	0	7.2	240	27	15	05	260	48	15	0605
		Rothamsted	141	13	10		0	1	4	189	411	140	0	8.0	250	24	15	05	250	52	15	0400
	Essex	Stansted	107	9	9		0	4	21	323	286	114	0	9.6	110	28	9	06	250	47	15	0515
		Coryton	20	17	15																	
		Shoeburyness	36	32	28	9	11	12	101	397	176	56	3	14.1	110	41	9	06	110	51	9	0510
4	Yorks, W.R.	Sheffield	162	25	11																	
		Church Fenton	18	10	10	14, 15	13	11	57	299	281	94	0	11.4	260	44	15	07	260	68	15	0555
	Warwick	Edgbaston	196	36	22		0	6	27	312	352	53	0	10.4	230	29	14	21	220	48	16	2315
		Elmdon	105	9	9		0	8	69	329	304	42	0	11.9	240	33	15	01	250	64	15	0120
	Buckingham	Amersham	162	15	15		0	2	14	218	370	134	8	8.6	260	26	15	07	260	53	15	0645
	Stafford	Keele	215	15	10		0	5	15	256	286	187	0	8.5	220	23	14	22	230	53	14	2200
	Worcester	Pershore	47	10	10	15	1	10	64	300	257	122	0	10.9	260</							



RAINFALL

JANUARY 1968

The equivalent values in inches
are given in round numbers.

The exact relation is 10 in. = 254 mm.

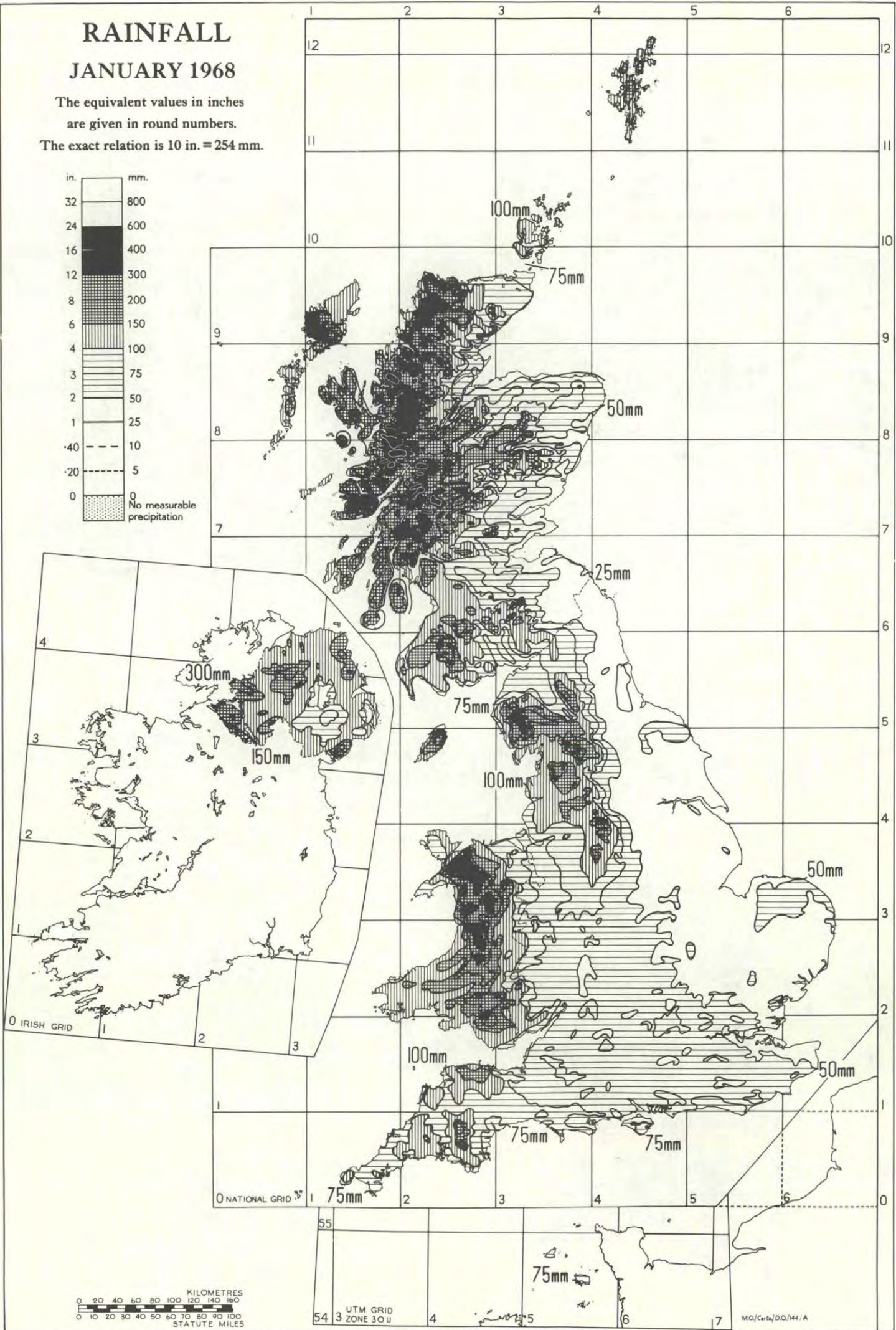
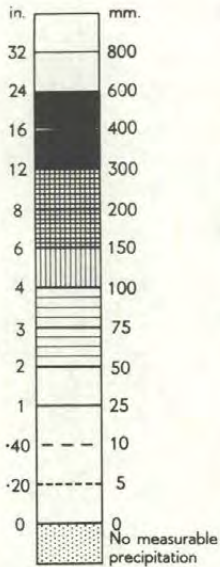


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Most in a day (mm.)	Precip'n (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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure	
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																				
				30 cm.	122 cm.																										
0 SCOTLAND, N.																															
Zetland	Hamnavoe	99	21	5.5	1.1	3.3	-	8.9	19	-3.9	4,(5)	-	123	-	19	31	30	26	21	10	2	8	1	1	13	-	9	0.95	-	-	
	Lerwick	21-9	82	4.5	0.6	2.5	-0.6	9.4	19	-6.0	4	-	143	111	18	31	31	26	19	15	3	17	1	0	16	16	10	0.90	113	-	
	Baltasound	99	24	5.0	-0.6	2.2	-	8.9	18,19	-6.7	9	3.8	162	130	21	3	31	28	13	13	0	13	1	0	15	-	3	0.69	-	-	
	Sule Skerry	21-9	13	6.3	3.6	4.9	-	9.4	26	-8.3	4	-	111	-	23	31	27	22	8	1	0	2	0	0	3	7	5	-	-	-	
Orkney	Stenness	99	23	5.4	0.6	3.0	-	10.6	19	-6.1	6,10	3.6	111	103	21	31	30	22	12	7	0	5	0	0	12	16	2	1.16	-	-	
	Kirkwall	21-9	26	4.9	1.6	3.3	-0.5	10.0	18	-4.7	4	-	106	98	18	31	29	27	16	6	14	0	0	0	10	16	7	1.19	108	-	
Caithness	Dounreay	99	21	7.1	0.3	3.7	-	11.1	18,19,29	-6.1	9,10	-	87	-	18	31	25	24	8	4	4	0	0	0	10	13	4	-	-	-	
	Wick	21-9	36	5.0	0.9	2.9	-0.5	11.1	18	-8.6	8,10	-	77	104	13	31	26	22	12	11	1	10	1	0	12	19	2	1.24	87	-	
Sutherland	Cape Wrath	21-9	112	5.3	2.7	4.0	-0.6	9.1	19	-3.6	4	-	125	98	21	31	26	23	10	4	0	3	0	1	8	11	2	0.64	-	S	
	Achfary	99	46	5.8	0.6	3.2	-	11.1	18,19	-8.3	8	-	290	-	28	29	26	25	4	11	1	0	1	1	9	11	0	-	-	-	
Ross & Cromarty	Achany	99	85	5.2	-1.5	1.9	-	11.7	19	-14.4	8	2.7	108	92	18	31	28	20	16	15	4	0	0	1	14	23	0	-	-	-	
	Strathay	99	37	5.6	-0.1	2.7	0.0	11.1	19,29	-8.9	8	-	97	86	19	31	27	22	15	10	2	2	0	0	12	-	0	0.88	90	S	
	Achentoul	99	137	4.6	-1.7	1.5	-	10.0	19	-13.9	10	-	97	-	15	3	25	22	11	15	0	8	0	0	14	24	5	0.79	-	-	
	Stornoway	21-9	3	6.2	1.9	4.1	-0.2	10.8	18	-7.1	4	-	119	112	18	31	27	23	8	1	0	5	0	0	9	15	4	1.05	93	-	
	Balmacara	99	4	7.2	2.2	4.7	-	10.6	14,18,19	-3.9	4	-	168	-	27	14	27	24	1	1	0	0	0	0	6	-	1	-	-	-	
	Poolewe	99	6	6.9	2.3	4.6	-	11.1	19	-2.8	4	-	148	94	17	31	27	25	-	-	-	-	-	0	7	9	-	0.55	-	S	
	Rudh Re	21-9	16	6.6	3.8	5.2	-	10.0	19	-1.6	3	-	-	-	-	-	-	-	8	0	3	1	0	0	3	6	10	-	-	-	
	Inverpoll	99	14	6.7	1.9	4.3	-	10.6	18,19	-6.1	8	4.6	144	-	20	31	28	25	7	7	5	2	0	-	8	16	2	0.44	-	S	
	Achnashellach	99	67	5.8	0.2	3.0	+0.2	10.6	18	-7.2	8	-	291	129	36	14	25	25	6	12	0	0	1	0	13	-	2	-	-	-	
	Kinlochewe	99	23	6.6	0.6	3.6	+0.2	12.2	18	-6.1	8,10	4.1	222	103	36	29	26	24	8	7	0	0	0	0	11	19	0	-	-	-	
	Knockanrock	99	244	4.8	0.4	2.6	-	10.0	19	-5.6	4,8	-	259	-	36	29	28	27	9	13	0	4	1	-	13	21	4	-	-	-	
	Inverness	Fortrose	99	5	6.1	1.8	3.9	+0.2	10.6	18,29	-4.4	4	-	50	88	12	31	16	11	4	4	0	0	0	0	8	-	0	0.79	51	-
Tarbatness		21-9	18	5.6	2.1	3.9	+0.5	(11.0)	19	-5.0	8	-	30	64	10	31	20	10	8	0	0	0	0	0	7	-	1	-	-	-	
Benbecula		21-9	6	6.6	3.1	4.9	+0.2	9.6	18,19	-2.8	3	-	126	105	27	16	26	20	3	0	0	8	0	0	7	12	6	0.95	-	-	
Isle of Rhum		99	5	7.3	2.8	5.1	-	11.1	19	-3.3	4	4.7	286	104	51	2	28	24	5	1	3	3	0	1	3	14	7	-	-	-	
Prabost		99	67	6.2	1.8	4.0	-	10.6	18	-5.0	4	-	187	91	29	29	30	25	5	4	0	9	1	1	9	19	13	0.92	-	-	
Duntulm		99	90	6.3	2.3	4.3	-0.1	10.0	18	-3.3	4	-	132	89	19	2	25	20	4	0	9	0	2	0	3	13	7	0.73	67	S	
Onich		99	15	6.8	1.2	4.0	+0.4	10.6	18,25	(-6.7)	10	-	228	92	(41)	14	28	24	-	-	-	-	-	-	10	17	-	0.72	74	S	
Fort William		99	8	6.9	1.4	4.1	-	11.7	18	-6.7	4,10	3.6	189	-	41	14	26	22	6	4	0	1	0	0	10	16	6	0.54	-	S	
Corpach		99	8	6.7	1.9	4.3	-	11.7	18	-5.6	4	-	219	-	49	14	25	22	7	1	0	0	0	1	9	18	6	-	-	-	
Fort Augustus		99	21	5.9	0.4	3.1	+0.5	10.6	18,25	-7.2	4	-	109	-	26	14	24	19	2	7	0	1	0	1	13	-	2	0.64	-	S	
Inverness		99	4	6.7	-0.3	3.2	-	12.2	18	-7.8	9	-	53	84	13	14	15	12	2	10	0	0	0	1	15	17	0	0.84	-	-	
Coire Cas Shieling		99	762	2.4	-2.6	-0.1	-	8.9	19	-10.0	4	-	-	-	-	-	-	-	-	10	18	0	0	0	-	23	-	-	-	-	
Cairngorm	99	1090	-0.5	-5.2	-2.9	-	7.8	19	-12.2	4	-	-	-	-	-	-	-	-	11	21	0	0	0	0	28	-	19	-	-	S	
Achnagoichan	99	305	4.8	-0.6	2.1	-	10.6	19	-10.0	8	2.7	-	-	-	-	-	-	-	-	-	-	-	-	15	25	-	-	-	-		
Glenmore Lodge	99	341	4.9	-2.5	1.2	+0.5	10.5	19,20	-13.2	4	-	75	68	19	14	18	14	-	14	-	-	-	-	0	18	23	-	0.58	-	S	
1 SCOTLAND, E.																															
Nairn	Nairn	99	6	5.9	0.7	3.3	+0.2	11.7	19	-7.8	8,9	-	47	92	11	31	19	10	8	4	0	1	0	0	11	18	2	0.97	61	-	
	Grantown-on-Spey	99	229	4.3	-2.6	0.9	-	10.6	29	-16.1	8	-	73	-	13	1	21	14	10	16	0	1	0	1	16	21	0	-	-	-	
Moray	Forres	99	47	5.7	0.7	3.2	+0.3	12.2	19	-7.8	8	2.6	89	83	7	14	17	9	6	13	0	0	0	0	14	19	0	1.05	60	-	
	Kinloss	21-9	5	5.7	0.9	3.3	+0.2	12.0	19	-8.1	8	3.2	43	93	9	31	18	11	9	6	0	10	0	0	14	17	3	1.02	-	-	
Banff	Elgin	99	15	6.1	0.5	3.3	-	12.8	19	-6.7	6,8	-	52	104	10	31	14	13	7	7	0	0	0	0	1	12	18	0	1.26	-	S
	Lossiemouth	99	6	5.9	-0.2	2.9	+0.1	12.2	19	-7.2	8,9	-	50	104	11	31	17	13	12	4	3	1	0	0	13	23	3	-	-	-	
	Gordon Castle	99	32	6.3	0.9	3.6	+0.5	12.8	19	-6.1	8	-	55	92	15	31	20	12	4	12	2	0	0	-	10	-	1	1.08	74	-	
	Glenlivet	21-9	215	4.0	-0.7	1.7	-	11.0	19	-14.7	8	-	76	-	11	14	21	15	15	15	0	0	0	1	15	22	1	0.99	-	S	
	Banff	99	24	6.2	1.1	3.7	-	12.2	19	-5.0	9	-	57	-	11	31	20	15	8	1	0	1	0	1	11	-	3	0.95	-	-	
	Braemar	99	339	4.3	-2.4	0.9	+0.3	9.4	29	-17.2	10	-	71	68	19	14	22	17	-	15	-	-	-	0	17	26	-	0.72	-	S	
	Balmoral	99	283	4.7	-2.9	0.9	+0.3	10.6	19	-15.6	8	-	98	111	35	31	21	14	10	15	0	0	0	-	18	22	0	-	-	-	
	Dinnet	99	177	5.1	-1.5	1.8	-	(12.2)																							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1968

DISTRICT, COUNTY AND PLACE		Max. Temp. 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				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 1.0 mm. or more	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS JANUARY, 1968

DISTRICT, COUNTY AND PLACE	Max. Temp. in 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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 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	Concrete min. below 0°C	Cale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
			Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
6b ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1968

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		Daily Mean (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	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure															
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																				Amount (mm.)	Date	Snow or Sleet	Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
4 MIDLAND COUNTIES																																													
Yorks.	Slaidburn ...	9 9	192	5.6	1.1	3.3	-	11.1	31	-7.2	10	-	-	185	104	41	16	26	19	3	8	0	1	0	3	14	18	-	0	1.21	-	-	-												
W. Riding	Malham Tarn ...	9 9	395	3.9	-0.6	1.7	-	8.3	30	-7.2	4	-	-	172	95	29	16	23	19	6	9	0	0	0	9	17	22	-	1	0.90	-	-	-												
	Huddersfield \$	9 9	99	6.8	1.7	4.3	-	12.8	14	-9.4	10	3.6	5.3	60	70	18	16	17	12	-	8	-	-	-	4	8	16	-	-	0.86	105	-	-												
	" Oakes	21-9	235	5.2	1.6	3.4	-	10.9	15	-5.0	4	3.1	4.9	90	88	26	16	23	16	5	8	0	1	0	3	13	18	-	3	0.97	75	-	-												
	Bradford £	9 9	134	6.2	1.5	3.9	+1.0	12.2	14	-7.2	10	3.5	5.3	61	69	13	16	22	14	7	8	0	0	0	4	10	14	-	2	-	-	-	-												
	Ilkley ...	9 9	96	6.6	1.4	4.0	+1.2	11.7	14,30	-6.7	10	-	-	63	62	11	15	17	15	6	8	0	0	0	6	13	-	-	0.98	71	-	-	-												
	Sheffield ...	9 9	131	(6.7)	(1.9)	(4.3)	(+0.7)	13.9	30	-3.9	13	-	5.7	67	87	12	13	16	12	8	5	0	0	0	-	11	15	-	0	1.16	99	-	-												
	Pontefract ...	9 9	78	6.9	1.5	4.2	+1.1	12.8	14,30	-5.0	10	-	-	32	58	5	1	19	14	4	7	0	0	0	5	10	15	-	1	-	-	-	-												
	Bramham ...	9 9	54	6.5	1.1	3.8	-	12.8	14	-5.0	10	-	-	42	84	9	15	13	10	3	4	0	0	0	6	16	18	-	1	1.39	-	-	-												
	Cawood ...	9 9	6	6.7	-	-	-	12.8	14,30	-6.1	8	2.9	4.7	39	66	7	15	13	9	2	3	0	0	0	1	15	18	-	3	-	-	-	-												
	Asklam Bryan ...	9 9	34	6.6	1.6	4.1	-	13.3	14	-5.0	10	-	-	39	62	10	5	15	10	3	3	0	0	0	5	14	16	-	2	1.37	99	-	-	-											
Derby	Buxton ... £	9 9	307	5.2	0.8	3.0	+1.1	11.1	14	-6.7	10	2.9	4.3	-	-	-	-	-	-	8	8	0	0	0	6	12	15	-	3	-	-	-	-												
	Ashover ...	9 9	186	6.1	1.1	3.6	-	12.2	14	-7.8	10	-	-	70	-	14	8	19	13	8	8	0	0	0	5	13	16	-	2	1.17	-	-	-	-											
	Derby ...	9 9	48	7.0	1.9	4.5	-	13.3	14	-8.3	10	-	-	67	97	12	13	17	13	8	8	0	0	0	6	9	15	-	0	1.05	-	-	-	-											
	Morley ...	9 9	107	6.4	1.1	3.7	-	11.1	30	-7.2	10	-	-	55	75	13	8	14	11	9	0	0	0	-	19	-	-	1	0.83	-	-	-	-												
Nottingham	Sutton Bonington	9 9	48	6.9	1.3	4.1	+1.0	13.3	14	-8.3	10	4.7	6.2	47	85	8	5	17	11	6	8	0	0	0	0	10	20	-	0	1.07	79	-	-	-											
	Wattall ...	21-9	118	6.0	2.0	4.0	+0.8	13.5	14	-5.8	10	-	-	52	76	9	13	17	10	8	7	0	2	0	5	12	17	-	1	0.92	64	-	-	-											
	Nottingham T.C.*	9 9	48	8.1	1.6	4.9	-	13.3	14	-6.9	10	-	-	46	-	8	5	15	9	-	-	-	-	-	4	12	16	-	-	1.06	-	-	-	-											
	Mansfield ...	9 9	110	5.8	1.4	3.6	+0.6	11.7	19	-7.8	10	3.4	-	51	75	10	8	14	12	6	8	0	0	0	7	10	-	0	-	-	-	-	-												
	Nottingham ££	9 9	59	6.8	1.9	4.3	+0.8	12.8	14,30	-5.0	10,11	3.3	4.7	42	72	10	13	14	9	4	6	0	0	0	3	9	17	-	0	1.03	83	-	-	-											
	Warsop ...	9 9	46	6.7	1.2	3.9	-	12.8	30	-10.0	10	-	-	43	80	7	5	15	13	4	4	0	0	0	3	14	19	-	0	1.47	-	-	-	-											
	Finningley ...	21-9	10	7.1	2.7	4.9	+1.6	13.9	14	-5.4	10	-	-	30	-	6	5	14	11	7	6	0	0	0	3	9	14	-	2	1.44	-	-	-	-											
Leicester	Newtown Linford	9 9	119	6.0	0.9	3.5	-	12.2	14	-6.1	12,13	-	-	49	78	10	5	15	11	7	7	0	1	0	2	12	15	-	0	1.14	-	-	-	-											
	Caldecott ...	9 9	53	6.7	0.6	3.7	-	12.8	14	-10.0	10	-	-	44	81	8	5	15	10	-	7	-	-	-	1	16	17	-	-	1.11	-	-	-	-											
Northampton	Bugbrooke Mills	9 9	69	-	-	-	-	-	-	-	-	(4.4)	(6.5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.44	-	-	-	-												
	Raunds ... £££	9 9	59	6.4	0.8	3.6	+0.7	12.2	14	-9.4	10	3.7	6.7	53	100	11	8	18	11	7	6	0	0	0	3	15	20	-	0	1.16	81	-	-	-											
	Wittering ...	9 9	65	6.1	1.7	3.9	+0.6	12.7	14	-7.1	13	-	-	39	74	9	5	14	9	8	7	0	1	0	1	13	18	-	1	1.47	-	-	-	-											
Warwick	Birmingham K.E.S.**	9 9	137	7.2	1.6	4.4	-	12.8	13	-6.1	12	-	-	75	103	21	1	17	13	6	5	0	0	0	2	11	-	-	1	-	-	-	-	-											
	Edgbaston ...	21-9	163	6.3	2.5	4.4	+0.9	12.4	14	-6.2	10	5.5	7.3	74	97	19	1	20	12	9	6	1	0	0	3	9	16	-	0	1.32	96	-	-	-											
	Luddington ...	9 9	56	7.4	1.2	4.3	-	13.3	14	-11.1	10	-	-	56	102	16	8	15	10	6	5	0	2	0	0	11	17	-	0	1.48	-	-	-	-											
	Stratford on Avon	9 9	49	7.3	0.6	3.9	-	13.3	14	-12.2	10	4.2	-	67	146	18	8	16	14	3	5	0	0	0	0	10	21	-	0	1.55	-	-	-	-											
	Elmdon ...	21-9	97	6.7	1.9	4.3	+1.1	13.0	14	-9.4	10,12	-	-	67	105	19	8	18	10	8	6	0	0	0	2	10	15	-	2	1.35	-	-	-	-											
	Shipston on Stour	9 9	111	6.9	1.3	4.1	-	12.8	14	-8.3	10	4.7	-	61	97	14	8	19	14	7	7	0	0	0	1	13	17	-	4	1.86	-	-	-	-											
	Wellesbourne ...	9 9	47	6.9	-	-	-	12.8	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
	Coventry ...	9 9	107	(6.8)	(1.9)	(4.3)	-	12.2	14	-6.7	10,12	-	-	(66)	-	15	1	18	13	4	-	0	0	0	0	7	-	-	0	1.27	-	-	-	-											
	Moreton Morrell	9 9	85	6.9	1.1	4.0	-	12.2	14	-10.6	10	-	-	55	95	11	1	17	15	7	6	0	0	0	2	10	18	-	0	1.34	-	-	-	-											
	Rugby ...	9 9	117	6.6	1.0	3.8	+0.9	10.0	30	-10.6	10	3.6	5.6	55	92	11	8	14	13	7	7	0	0	0	-	12	18	-	2	-	-	-	-	-											
Oxford	Brize Norton ...	21-9	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
	Oxford £££	9 9	63	7.3	2.0	4.7	+1.0	12.8	14	-7.2	10	3.9	5.7	58	97	13	8	17	12	6	7	0	0	0	0	9	17	-	1	1.61	92	-	-	-											
Buckingham	Medmenham	9 9	30	7.4	0.5	3.9	-	12.8	14	-11.7	13	-	-	72	-	22	8	18	10	-	-	-	-	-	-	14	19	-	-	-	-	-	-	-											
	Grendon Underwood	9 9	67	6.8	0.1	3.5	-	12.2	14	-13.9	10	4.1	6.6	52	-	12	1	18	13	5	-	-	-	-	-	13	21	-	-	1.34	-	-	-	-											
	Aylesbury ...	9 9	96	6.6	-	-	-	12.2	14	-12.2	10	-	-	-	-	-	-																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1968

9

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-50 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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1968

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		Daily Mean (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Total fall (mm.)	Percentage of 1911-60 average	Most in a day Amount (mm.)	Date	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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
														30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JANUARY,

1968

DISTRICT, COUNTY AND PLACE		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		Daily Mean (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		Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more																				
				30 cm.	122 cm.																												
8b ENGLAND, S.W.—cont.																																	
Devon	Plymouth, The Hoe	9 9	36	9.2	3.8	6.5	+0.5	11.7	15	-3.3	10,11	6.6	-	88	81	28	8	20	13	0	0	0	0	1	3	15	-	1	1.05	53	-		
	—cont.	Tavistock	9 9	139	8.3	2.4	5.3	+0.3	11.1	13,14	-5.0	10	-	-	101	-	30	8	21	17	4	0	1	0	0	0	9	16	-	1	-	-	
Cornwall	Chivenor	21-9	6	8.7	5.1	6.9	+0.7	12.5	16	-4.3	10	-	-	87	84	39	8	15	10	0	0	0	0	0	0	3	7	-	2	0.99	-	-	
	Ilfracombe	9 9	8	9.0	-	-	-	12.2	14,16	-1.7	10	6.8	-	104	99	40	8	15	13	1	0	0	0	0	0	0	5	-	1	0.98	59	-	
	Totnes	9 9	37	9.4	3.6	6.5	-	11.7	5,13,18	-4.4	10	6.6	8.3	65	30	8	17	12	2	0	0	0	0	0	0	4	9	-	1	1.00	-	-	
	Slapton	9 9	32	8.9	4.2	6.5	-	11.1	5,13,18	-2.8	10	-	-	101	-	29	8	16	13	0	0	0	0	0	0	2	9	-	2	-	-	-	
	Newton Abbot	9 9	83	8.6	3.4	6.0	+0.9	12.2	5	-3.9	10	-	-	78	65	27	8	16	12	1	0	0	0	0	1	6	9	0	1.20	61	-		
	Torbay (Torquay)	9 9	8	9.6	4.4	7.0	+1.1	12.2	5,18	-2.8	10	-	7.9	58	56	17	8	14	12	1	0	0	0	0	0	3	6	-	2	1.21	59	-	
	Teignmouth	9 9	6	9.6	4.6	7.1	+1.0	12.8	5	-2.2	10,11	-	-	52	54	19	8	14	10	1	0	0	0	0	0	2	-	2	1.08	53	-		
	Starcross	9 9	9	9.2	3.9	6.5	-	12.8	5,14	-3.3	10	6.0	-	64	67	27	8	16	11	1	0	0	0	0	0	5	8	-	3	(1.15)	-	-	
	Exeter	21-9	32	8.5	4.4	6.5	-	13.5	5,14	-5.0	10	-	-	69	72	29	8	14	12	1	0	0	0	0	0	4	9	-	2	0.94	-	-	
	Sidmouth	9 9	8	9.2	3.7	6.5	+1.1	12.8	5,13,14	-4.4	10	-	-	87	99	42	8	15	10	-	0	-	-	-	0	5	10	-	-	0.96	48	-	
	Scilly	21-9	48	9.7	6.8	8.3	+0.7	11.5	30	-0.2	10	-	-	83	92	20	8	18	14	0	0	0	0	0	1	1	1	-	2	1.11	56	-	
9 NORTHERN IRELAND	Penzance	9 9	19	10.5	5.8	8.1	+0.9	12.2	13,14,16	-2.2	10	-	-	105	83	24	6	19	15	0	0	0	0	0	0	1	4	-	5	1.24	64	-	
	Gulval	9 9	15	10.0	5.4	7.7	+0.8	12.2	14	-2.2	10,11	-	-	96	79	23	6	18	14	-	0	-	-	-	0	2	4	-	-	1.19	63	-	
	Culdrose	9 9	82	9.3	4.5	6.9	-	11.1	14	-4.1	10	-	-	90	85	21	6	19	14	0	0	0	0	0	2	4	-	3	1.16	-	-		
	Rosewarne	9 9	76	9.4	5.1	7.3	-	11.7	13,14	-4.4	10	7.0	8.3	83	74	18	6	20	14	0	0	1	0	0	1	2	4	-	7	1.05	-	-	
	Lizard	9 9	73	9.3	5.4	7.3	+0.2	11.1	14	-1.2	10	-	-	72	71	18	6	19	12	0	0	0	0	0	-	1	-	-	9	1.15	-	-	
	Falmouth	9 9	51	-	-	-	-	-	-	-	-	-	-	-	-	25	6	21	17	0	0	0	0	0	2	6	-	0	1.18	60	-		
	Newquay	9 9	54	9.5	5.2	7.3	+1.0	12.2	14	-3.9	10	-	-	82	85	21	8	18	12	0	-	0	0	0	2	-	-	3	0.95	50	-		
	St. Mawgan	21-9	103	8.8	5.0	6.9	-	12.0	14	-5.1	10	-	-	99	92	24	8	20	14	2	0	0	2	0	2	5	-	1	1.03	-	-		
	St. Austell	9 9	94	9.1	3.8	6.5	-	11.7	14,15,16	-3.3	10	-	-	120	84	28	8	22	17	0	0	0	0	0	0	3	-	0	-	-	-	-	
	Fowey	9 9	40	9.4	4.2	6.8	+0.3	12.2	14	-3.9	10,11	-	-	99	-	23	8	19	15	0	0	0	0	0	0	3	-	5	-	-	-	-	
	Bude	9 9	15	9.3	3.9	6.6	+0.7	12.2	16	-3.9	10	5.2	-	82	87	24	8	20	15	-	0	-	-	-	6	-	-	-	-	-	-	-	
Ellbridge	9 9	58	9.2	3.1	6.1	+0.8	12.2	14	-4.4	10	-	-	90	76	26	8	22	15	1	1	0	0	0	2	9	14	-	1	1.12	55	-	-	
Antrim	Loughmore Forest	9 9	174	6.7	1.7	4.2	-	11.1	14	-9.4	10	-	-	131	-	16	30	27	23	5	6	0	0	0	1	9	16	-	1	-	-	-	
	Ballykelly	21-9	2	8.0	4.1	6.1	+1.7	13.0	14	-6.2	10	5.4	7.2	107	119	19	30	23	20	7	2	3	1	0	2	4	10	-	3	1.25	79	-	
	Berrynoyd Forest	9 9	88	7.3	2.1	4.7	-	12.2	14	-11.1	10	-	-	170	-	35	8	24	21	3	6	0	0	0	2	7	14	-	0	-	-	-	
	Somerset Forest	9 9	43	7.8	2.3	5.1	-	12.2	14	-6.7	10	-	-	121	-	19	30	24	19	3	1	1	0	0	1	7	10	-	1	-	-	-	
	Garvagh Forest	9 9	91	7.3	2.2	4.7	-	12.8	14	-6.1	10	4.6	6.8	144	-	26	8	25	23	4	6	3	0	0	1	7	13	-	2	-	-	-	
	Moneydig	21-9	34	7.3	3.0	5.1	+1.4	12.9	14	-7.4	10	4.9	-	118	111	22	16	24	21	7	1	3	2	0	1	7	10	-	2	-	-	-	
	Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	99	-	13	8	22	19	-	-	-	-	-	-	-	-	-	0.90	-	-	-	
	Ballymoney	9 9	55	7.7	2.6	5.1	-	12.8	14	-5.6	10	-	-	110	-	16	17	25	21	5	-	0	0	0	2	5	-	2	-	-	-	-	
	Lisnafillan	9 9	38	7.7	1.8	4.7	-	13.3	14	-8.3	10,11	-	-	115	-	14	30	26	20	5	2	0	0	0	3	8	13	-	-	0.97	-	-	
	Aldergrove	21-9	69	7.0	3.0	5.0	+1.3	12.0	30	-5.6	10	4.7	7.0	95	99	26	8	21	18	5	0	1	0	0	2	8	10	-	2	1.07	73	-	
	Greenmount	9 9	32	7.6	2.6	5.1	-	12.8	14	-6.7	10	4.5	-	98	-	24	8	22	18	2	2	0	0	0	7	11	-	-	-	-	-	-	
Down	Altnahinch	9 9	226	6.2	1.4	3.8	-	11.1	14	-6.1	10	-	-	182	-	25	8	24	21	5	8	1	0	0	1	13	20	-	4	0.92	-	-	
	Parkmore Forest	9 9	235	6.0	0.9	3.5	-	10.6	14,30	-6.7	10	3.9	-	238	-	34	8	25	22	7	7	1	0	0	7	10	16	-	2	-	-	-	
	Black Mountain	21-9	295	5.2	1.5	3.3	-	10.2	30	-5.6	10	-	-	117	-	14	8	25	21	5	4	1	0	0	10	13	-	-	4	-	-	-	
	Lowtown	9 9	271	5.6	1.2	3.4	-	10.6	14	-7.8	10	3.9	-	204	-	54	8	25	23	4	7	0	0	0	4	13	15	-	0	0.75	-	-	
	Ballypatrick Forest	9 9	152	6.9	1.9	4.4	-	11.7	14	-4.4	10	-	-	165	-	54	8	25	21	6	6	2	0	0	2	6	12	-	3	0.98	-	-	
	Belfast, Malone **	9 9	35	8.1	2.5	5.3	-	13.3	14	-3.9	10,11	4.6	-	113	-	30	8	20	19	4	-	0	0	0	3	6	12	-	1	1.07	-	-	
	Newtownabbey	9 9	32	8.4	3.5	5.9	-	13.9	14	-3.3	10	5.1	-	125	-	27	8	22	19	6	1	1	0	0	0	3	8	-	3	1.22	-	-	
	Woodburn, North	9 9	217	6.3	1.5	3.9	-	11.7	14	-6.7	10	-	-	129	98	21	8	24	21	4	7	0	0	0	5	13	14	-	0	-	-	-	
	Larne	9 9	43	7.9	2.9	5.4	-	12.2	14	-4.4	10	-	-	115	100	26	8	23	21	4	2	0	0	0	2	4	-	2	-	-	-	-	
	Kilroot	9 9	22	8.1	3.0	5.5	-	13.3	14	-3.3	10	-	-	99	-	25	8	24	18	1	0	0	0	0	1	4	10	-	0	-	-	-	-
	Ballylumford	9 9	24	8.2	3.4	5.8	-	13.3	14	-2.8	10	-	-	112	-	27	8	22	19	1	-	0	0	0	-	4	5	-	-	-	-	-	-
Armagh	Hillsborough	9 9	116	7.4	2.5	4.9	+1.2	12.8	14	-4.4	10	4.9	6.3	78	82	23	8	22	17	2	6	0	0	0	0	8	12	-	1	1.07			

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY,

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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	9-10	11-12	13-14	15-16									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	83m.	3	1005.7	-	2.3	0.7	6.5	88	5.9	1	5	3	9	13	0	0	0	0	0	1	0	11	3	4	9	2	9	14	5	1	4	1	3	0	3	8	7	4	
		15	1005.7	-0.8	2.1	0.6	6.4	87	6.3	0	3	4	14	10	0	0	0	0	0	1	2	7	6	10	5	0	7	15	7	2	2	3	0	2	5	9	3		
		21	1006.0	-	2.2	0.6	6.5	89	6.1	0	3	7	11	5	5	0	1	3	0	1	0	6	8	7	5	1	8	14	6	2	4	1	1	0	6	5	9	3	
		3	1006.5	-	2.7	0.8	6.6	86	5.5	0	7	5	8	10	1	0	0	1	1	1	0	6	9	8	5	0	7	17	7	0	1	2	2	3	2	5	8	6	
		9	1007.3	-	3.5	0.8	6.9	85	5.9	0	3	8	8	12	0	0	0	0	0	0	0	0	10	19	2	1	8	16	6	0	2	1	2	0	9	6	5	6	
Orkney Kirkwall	26m.	3	1007.8	+0.7	3.3	0.7	6.9	87	6.7	0	1	3	16	10	1	0	0	0	1	0	0	0	8	18	4	1	8	13	8	1	3	1	1	0	9	4	7	5	
		15	1008.3	-	3.7	0.9	6.9	84	6.1	0	5	0	20	6	0	0	0	0	1	0	2	6	15	7	4	6	15	5	1	3	2	1	1	4	2	11	6		
		21	1008.2	-	3.2	0.7	6.9	86	5.9	0	2	10	10	9	0	0	0	0	0	0	0	2	10	15	4	0	9	14	7	1	1	0	4	1	4	6	11	3	
		9	1007.8	-	3.1	0.8	6.8	87	5.9	0	7	2	10	12	0	0	0	0	0	0	3	4	18	6	0	5	15	11	0	2	1	1	1	8	8	5	5		
		3	1008.3	+0.7	3.1	0.7	6.8	88	6.2	0	4	3	18	6	0	0	0	0	1	1	2	4	14	9	0	5	18	8	0	3	0	1	0	8	4	12	3		
Caithness Wick	37m.	15	1008.8	-	3.4	0.7	7.0	87	5.8	0	6	2	17	6	0	0	0	0	0	1	3	9	9	9	1	5	16	8	1	3	2	0	2	4	5	13	1		
		21	1008.8	-	3.0	0.7	6.7	86	5.4	1	4	9	9	8	0	0	0	0	0	0	4	4	15	8	0	2	22	7	0	1	2	1	1	9	3	9	5		
		3	1006.8	-	4.4	0.5	7.8	92	6.8	0	0	7	9	14	1	0	0	0	1	1	0	0	3	12	14	0	11	13	7	0	2	2	1	3	2	11	6	3	
		9	1007.8	-	4.5	0.5	7.9	92	6.9	0	0	7	5	18	1	0	0	0	1	0	0	2	3	7	18	0	14	9	6	2	3	2	1	2	1	9	8	4	
		15	1008.3	-	4.4	0.6	7.7	90	6.6	0	1	7	11	11	1	0	0	0	1	0	2	2	6	18	1	14	9	7	0	3	2	2	4	1	7	7	5		
Sutherland Cape Wrath*	113m.	3	1007.6	-	4.0	0.5	7.6	92	6.0	0	3	8	9	9	2	0	1	0	0	1	0	0	1	12	16	0	11	13	5	2	3	1	2	2	10	4	5		
		15	1009.6	-	4.0	0.5	7.7	92	5.8	0	6	6	6	13	0	0	0	0	0	0	4	12	14	1	0	4	15	11	1	4	0	2	0	8	8	6	2		
		21	1010.0	+2.9	4.0	0.6	7.5	90	5.9	0	3	8	12	8	0	0	0	0	0	2	4	8	15	2	0	4	16	10	1	4	1	2	1	6	4	9	3		
		9	1010.1	-	4.8	0.8	7.6	86	5.9	0	6	3	13	9	0	0	0	0	1	1	3	9	11	6	0	4	17	7	3	4	0	2	3	4	7	3	5		
		3	1009.3	-	3.8	0.5	7.5	90	5.4	1	7	3	13	7	0	0	0	0	0	1	5	12	11	2	0	5	16	9	1	3	0	2	3	3	10	6	3		
Ross & Cromarty Stornoway	5m.	3	1009.3	-	5.1	0.6	8.0	89	6.4	0	3	4	11	13	0	0	0	0	1	2	6	10	5	1	7	16	7	0	1	1	1	2	9	6	6	5			
		15	1010.6	+3.2	5.1	0.8	7.8	87	5.9	0	4	5	15	7	0	0	0	0	1	0	3	11	8	8	0	5	19	7	0	3	2	1	4	8	1	8	4		
		21	1010.4	-	5.4	0.9	7.8	85	6.5	0	3	4	11	13	0	0	0	0	0	2	5	7	8	9	0	6	17	8	0	5	1	3	2	6	4	7	3		
		9	1010.6	-	4.9	0.9	7.6	86	6.6	0	2	5	9	15	0	0	0	0	0	0	4	12	10	5	0	10	12	9	0	5	0	1	3	8	8	2	4		
		3	1010.1	-	4.9	0.9	7.6	86	6.6	0	2	5	9	15	0	0	0	0	0	0	4	12	10	5	0	10	12	9	0	5	0	1	3	8	8	2	4		
1 SCOTLAND, E.																																							
Moray Kinloss	6m.	3	1009.6	-	3.2	0.9	6.7	84	6.2	2	2	5	9	13	0	0	0	0	0	2	1	3	11	14	0	3	17	11	0	1	1	1	1	4	17	4	2		
		15	1010.2	+1.6	3.2	0.9	6.7	85	6.0	0	4	3	15	9	0	0	0	0	0	1	0	2	9	19	0	5	15	11	0	0	1	2	2	2	12	10	2		
		21	1010.5	-	4.5	1.3	6.8	79	5.5	0	6	5	17	3	0	0	0	0	0	0	3	3	8	17	-0	6	17	8	0	0	2	0	3	0	3	10	10	3	
		3	1010.3	-	3.3	1.0	6.6	83	5.2	2	4	8	9	8	0	0	0	0	0	0	0	2	9	7	13	0	3	15	12	1	0	1	0	1	7	14	5	2	
		9	1009.5	-	1.8	1.0	5.9	83	5.5	2	1	10	14	4	0	0	0	0	1	1	0	2	12	11	4	0	1	15	9	6	2	0	1	0	1	8	9	4	
Aberdeen Dyce	59m.	3	1009.8	+0.4	2.0	0.9	6.1	84	5.7	0	5	4	16	6	0	0	0	0	0	1	5	4	9	5	7	0	1	14	8	8	1	0	1	1	1	9	6	4	
		15	1009.7	-	3.8	1.2	6.6	80	5.4	0	6	7	12	5	1	0	0	0	1	1	6	5	8	4	6	0	3	19	6	3	3	0	1	2	3	9	7		
		21	1010.1	-	1.8	0.8	6.1	84	5.0	3	5	5	13	4	1	0	0	0	2	1	2	7	12	6	1	0	12	11	7	1	0	0	2	4	3	7	7		
		9	1009.2	-	3.7	0.6	7.3	91	6.0	1	3	5	8	13	1	0	0	1	0	0	0	12	18	0	4	2	10	15	0	2	0	0	0	12	5	9	3		
		3	1009.2	-	4.1	0.4	7.7	93	6.7	0	1	3	14	13	0	0	0	0	1	0	2	12	15	1	5	7	8	11	0	2	0	1	0	8	6	10	4		
Fraserburgh	22m.	15	1009.2	-	4.8	0.5	8.1	92	6.1	0	2	8	14	7	0	0	0	0	0	0	7	12	11	1	5	8	10	0	5	1	1	1	7	1	13	2			
		21	1009.7	-	4.3	0.6	7.6	91	5.3	3	3	6	9	10	0	0	0	0	1	0	0	1	18	11	0	3	7	10	11	0	5	0	1	1	4	4	13	3	
		3	1009.9	-	3.0	1.1	6.3	81	4.8	0	12	3	5	11	0	0	0	0	0	2	1	4	11	13	1	0	14	15	1	3	0	1	0	0	6	14	6		
		15	1010.0	-	3.1	1.0	6.5	83	5.6	0	3	10	10	8	0	0	0	0	0	0	5	7	9	10	1	2	16	9	3	3	0	0	2	0	7	12	4		
		21	1009.9	-	4.7	1.4	6.8	78	4.9	0	6	10	9	6	0	0	0	0	1	1	6	5	7	11	0	2	13	14	2	3	1	1	1	3	13	6			
Fife Leuchars	12m.	3	1010.3	-	3.3	1.0	6.5	81	4.3	2	1	5	1	10	2	0	0	0	1	1	0	4	1	9	15	1	1	10	14	2	3	0	0	2	7	8	6		
		15	1010.7	-	2.6	0.7	6.6	87	6.2	1	2	4	14	10	0	0	0	2	0	1	5	9	5	1	2	13	11	4	0	0	1	0	1	15	7	3			
		21	1011.0	+0.9	2.9	0.8	6.7	85	6.2	0	2	6	16	7	0	0	0	0	0	1	8	7	9	6	1	2	17	6	5	0	0	2	0	1					

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS JANUARY, 1968

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													
																									34 or more	22-33	11-21	1-10	0									
																									Number of Observations													
2 ENGLAND, N.E.																																						
Northumberland Acklington 46m.	3	1012.4	-	3.1	0.9	6.7	84	5.6	1	3	6	13	8	0	0	0	0	0	1	2	4	10	12	2	1	2	5	19	4	2	0	0	1	2	3	17	2	
	9	1012.5	+1.5	3.3	0.9	6.8	86	6.8	0	0	4	20	6	1	0	0	0	1	1	4	3	9	9	6	2	1	2	13	15	0	0	0	1	1	4	4	14	5
	15	1011.8	-	5.2	1.3	7.3	80	6.0	0	3	5	17	6	0	0	0	0	0	0	3	6	9	8	4	0	0	6	12	13	0	0	0	1	3	3	14	7	
	21	1012.5	-	3.7	1.0	6.9	84	4.6	3	8	5	4	11	0	0	0	0	0	2	2	6	11	9	1	0	3	12	16	0	0	0	0	1	4	2	18	3	
	3	1013.1	-	3.9	1.0	7.0	83	5.7	4	0	7	10	10	0	0	0	0	0	1	2	3	18	7	0	0	1	4	11	14	1	0	0	0	1	3	4	17	2
	9	1013.1	+1.6	4.0	1.0	7.0	88	6.3	0	1	7	14	9	0	0	0	0	0	4	6	7	13	1	0	0	1	2	15	13	0	0	1	2	2	2	21	1	
Tynemouth 40m.	3	1012.5	-	5.7	1.3	7.5	80	6.2	0	4	5	8	14	0	0	0	0	1	4	4	11	10	1	0	0	0	6	12	12	1	2	0	1	0	5	3	16	3
	9	1013.2	-	4.7	1.1	7.2	82	5.1	6	2	6	3	14	0	0	0	0	0	0	4	8	17	2	0	1	2	19	9	0	3	1	0	0	6	3	15	3	
	15	1012.3	-	4.2	1.4	6.6	78	5.5	0	7	6	6	11	1	1	0	0	0	1	0	4	18	6	1	2	1	11	16	1	4	0	0	0	3	3	20	0	
	21	1012.0	-	4.1	1.2	6.7	80	5.9	0	1	13	8	8	1	1	0	0	0	1	0	1	11	5	7	5	7	17	1	4	0	0	1	0	3	3	18	1	
	3	1011.8	-	5.8	1.7	7.0	74	5.5	0	5	8	11	7	0	0	0	0	0	2	6	11	11	0	0	1	3	9	16	2	2	1	1	0	4	1	15	6	
	9	1012.3	-	4.6	1.5	6.6	76	4.1	2	13	4	3	9	0	0	0	0	0	2	6	11	11	0	0	1	3	9	16	2	2	0	1	0	4	1	15	6	
Yorks, N. Riding Leeming 33m.	3	1013.8	-	3.8	1.1	6.8	81	5.5	4	4	2	7	13	1	0	0	0	4	1	2	3	9	9	3	1	1	15	10	4	1	0	0	2	4	4	8	8	
	9	1014.0	-	3.7	1.0	6.9	83	6.9	0	1	2	14	13	1	0	1	0	1	5	1	4	8	4	7	1	1	12	11	6	1	1	1	0	6	1	10	5	
	15	1013.4	-	5.8	1.5	7.4	78	6.4	0	3	3	15	10	0	0	0	1	0	2	3	5	3	10	7	0	4	16	8	3	3	1	1	2	4	2	9	6	
	21	1014.0	-	4.1	1.1	6.9	82	5.7	3	4	3	7	14	0	0	0	0	1	2	4	6	5	10	3	1	3	10	13	4	4	0	0	1	6	2	7	7	
	3	1013.4	-	4.1	1.0	6.9	82	5.6	1	3	9	11	6	1	0	1	0	0	0	0	13	15	2	0	4	4	12	11	0	2	0	0	1	8	7	9	4	
	9	1013.6	-	4.0	1.1	6.9	82	6.1	0	2	5	17	6	1	0	1	0	0	0	0	0	10	18	2	0	5	5	11	10	0	2	0	1	2	5	11	8	2
Whitby Coastguard 66m.	3	1013.0	-	5.5	1.2	7.5	81	6.3	0	3	4	15	9	0	0	0	0	0	0	0	9	18	4	0	4	5	11	11	0	0	1	0	1	6	9	8	6	
	9	1013.6	-	4.8	1.2	7.1	80	5.4	2	7	3	9	9	1	0	0	1	0	0	0	11	16	3	0	4	7	12	7	1	1	1	0	2	8	6	9	6	
	15	1014.1	-	3.6	1.0	6.9	84	5.9	2	5	1	9	14	0	0	0	0	3	1	1	9	10	4	3	0	1	16	13	1	0	0	0	1	2	8	10	9	
	21	1014.5	+2.0	3.8	0.9	6.9	85	6.6	0	0	5	19	7	0	0	0	0	2	4	4	5	11	4	1	0	3	10	17	1	1	0	2	0	4	6	12	5	
	3	1013.8	-	5.4	1.2	7.5	81	6.3	0	3	4	12	11	1	0	1	0	1	3	5	10	6	3	2	0	3	16	9	3	0	0	2	0	2	4	12	8	
	9	1014.3	-	4.2	0.9	7.2	85	5.8	2	6	1	11	11	0	0	0	0	0	4	4	4	11	6	2	0	1	16	13	1	1	1	1	5	4	10	7		
Kilnsea 16m.	3	1015.1	+2.5	3.5	0.8	7.0	88	5.7	2	2	10	5	12	0	0	0	0	0	0	3	8	20	0	0	1	6	15	8	1	2	0	0	1	2	5	11	9	
	9	1015.3	-	3.2	0.6	7.1	90	6.7	0	0	7	12	11	1	0	0	0	2	0	3	10	16	0	0	2	5	14	10	0	1	1	2	0	5	4	10	8	
	15	1014.8	-	4.9	0.8	7.7	87	6.9	0	1	5	10	13	2	0	0	2	0	3	5	9	12	0	0	2	9	10	8	2	1	0	1	0	2	3	18	4	
	21	1015.1	-	4.2	0.6	7.6	90	5.8	2	1	8	9	11	0	0	0	0	0	2	3	10	16	0	0	1	8	15	6	1	3	0	1	0	5	6	9	6	
	3	1015.1	-	3.2	0.8	6.8	85	5.9	3	4	3	4	14	3	0	0	2	0	3	3	6	13	1	3	0	2	12	16	1	1	0	2	1	1	11	5	9	
	9	1015.4	+1.8	3.4	0.8	7.1	87	6.7	0	2	3	12	13	1	0	1	1	1	0	9	8	6	5	0	0	2	12	17	0	0	2	0	1	1	2	10	8	7
Lincoln Waddington 69m.	3	1014.8	-	5.1	1.1	7.4	81	6.5	1	0	5	13	11	1	0	1	0	2	1	7	5	12	2	1	0	4	13	14	0	4	1	0	1	3	12	6	4	
	9	1015.3	-	4.0	0.9	7.2	85	6.5	1	1	4	10	15	0	0	0	1	0	4	3	9	10	4	0	0	2	13	16	0	0	0	1	0	2	5	10	4	9
	15	1014.7	-	2.6	0.7	6.7	88	6.1	3	3	2	6	15	2	0	0	2	1	1	1	2	8	9	7	0	3	13	13	2	1	0	0	1	2	11	8	6	
	21	1015.1	-	2.8	0.6	6.9	90	7.0	0	0	3	16	11	1	0	1	1	2	1	3	13	7	3	0	4	13	13	1	1	0	2	0	5	10	8	4		
	3	1014.5	-	4.7	1.0	7.4	85	6.9	0	1	3	15	10	2	0	1	1	1	5	11	10	1	0	9	11	7	4	1	1	0	0	1	10	4	4			
	9	1014.8	-	3.6	0.8	7.1	88	6.7	0	2	4	8	16	1	0	0	1	4	6	9	9	2	0	0	5	17	7	2	1	2	0	0	1	4	7	8	6	
Binbrook 109m.	3	1014.6	-	3.3	0.8	6.9	86	5.5	4	4	3	6	13	1	0	0	1	0	1	2	14	7	5	1	0	2	15	12	2	0	0	0	1	2	7	9	10	
	9	1015.1	+1.9	3.4	0.7	7.1	88	6.8	0	0	4	15	11	1	0	1	0	2	1	3	11	9	4	0	0	2	15	14	0	1	0	2	1	4	5	9	9	
	15	1014.5	-	5.3	1.1	7.7	83	6.8	0	1	4	13	13	0	0	0	1	2	2	3	14	6	3	0	0	1	17	11	2	0	0	2	0	3	6	12	6	
	21	1014.7	-	3.9	0.7	7.3	88	5.8	2	4	3	11	11	0	0	1	0	0	4	3	12	8	2	1	0	3	15	12	1	0	2	0	0	4	7	10	7	
	3	1015.0	-	3.0	0.6	7.0	89	5.5	4	3	5	3	14	2	0	0	2	1	2	3	11	8	3	1	0	2	12	16	1	0	0	0	2	8	10	8		
	9	1015.6	+1.8	3.1	0.6	7.0	89																															

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

JANUARY,

1968

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.	1000-1500 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	3	1014.8	-	4.0	0.9	7.2	85	5.5	5	2	5	5	13	1	0	0	0	1	2	6	6	9	4	3	0	2	13	10	6	0	0	0	1	1	5	7	11	8	
	9	1015.1	+2.0	4.2	0.9	7.3	85	6.8	0	2	4	12	11	2	0	1	1	1	2	7	6	11	2	0	0	2	13	12	4	2	0	1	1	0	4	5	7	8	
	15	1014.6	-	6.2	1.3	8.0	81	6.3	0	4	3	3	12	11	1	0	1	0	1	3	3	10	12	1	0	0	4	15	8	4	2	0	1	1	2	4	11	6	
Northampton Wittering	3	1015.8	-	4.7	0.9	7.5	85	5.5	3	3	6	7	10	2	0	1	0	0	2	7	11	6	1	1	0	0	3	14	11	3	3	0	0	2	4	2	8	9	
	9	1016.2	+2.2	3.5	0.8	7.0	86	6.1	0	2	2	9	18	0	0	0	0	1	4	2	9	8	6	1	0	2	15	12	2	2	0	0	1	2	9	7	8		
	15	1015.6	-	5.3	1.2	7.5	82	6.3	0	4	4	11	12	0	0	0	2	1	0	4	11	8	5	0	0	1	14	14	2	2	0	1	0	4	6	10	6		
Warwick Edgbaston	3	1015.9	-	3.9	0.8	7.2	87	6.1	3	1	4	9	12	2	0	2	1	1	5	9	11	1	0	0	0	1	18	9	3	2	0	0	2	3	8	8	5		
	9	1017.3	+3.2	3.8	0.8	7.2	87	6.9	0	1	2	15	13	0	0	0	1	2	5	3	10	5	5	0	0	1	12	18	0	0	0	1	1	8	7	9	5		
	15	1017.0	-	5.4	1.3	7.4	80	6.6	0	1	4	17	8	1	0	0	1	2	3	1	15	2	7	0	0	0	19	12	0	2	1	0	2	6	5	10	5		
Elmdon	3	1017.1	-	4.4	1.0	7.3	85	6.2	2	2	3	12	12	0	0	0	0	0	4	3	10	9	5	0	0	0	1	14	15	1	1	0	1	0	5	9	9	5	
	9	1016.4	-	3.6	1.1	6.7	83	5.8	3	4	3	6	13	2	0	0	1	1	7	10	10	1	0	0	3	9	18	1	1	0	1	6	6	7	9	6			
	15	1016.9	-	3.7	0.9	7.0	85	6.9	0	1	4	13	12	1	0	0	1	1	3	7	9	10	0	0	0	3	11	13	4	1	0	1	4	9	5	6			
Oxford Brize Norton	3	1016.4	-	5.8	1.6	7.2	76	6.7	0	1	4	15	11	0	0	0	0	1	2	5	11	12	0	0	0	6	14	9	2	0	1	0	6	5	7	10	8		
	9	1016.7	-	4.5	1.0	7.3	85	6.4	1	2	3	11	12	2	0	0	0	1	6	11	10	3	0	0	0	2	13	15	1	1	0	0	2	4	5	10	8		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Shropshire Shawbury	3	1016.1	-	4.1	0.8	7.4	87	6.3	3	2	1	11	13	1	0	1	0	0	1	5	4	6	10	4	1	3	10	12	5	3	0	0	2	3	5	6	7		
	9	1016.6	-	4.4	0.6	7.5	86	7.0	0	1	0	19	11	0	0	0	0	0	1	2	5	7	11	5	0	1	12	15	3	0	0	1	3	4	4	12	4		
	15	1016.4	-	5.8	1.1	7.8	83	7.0	0	1	1	19	10	0	0	0	0	0	3	3	4	4	11	6	0	1	19	9	2	1	0	1	2	4	3	11	7		
Hereford Ross-on-Wye	3	1016.6	-	4.5	0.9	7.5	86	6.9	1	0	3	10	17	0	0	0	0	0	2	3	6	7	10	3	0	1	14	14	2	2	0	0	4	2	8	7	6		
	9	1017.5	+3.2	4.7	0.9	7.6	85	6.8	0	2	5	7	17	0	0	0	1	0	1	2	9	0	17	1	0	0	7	20	4	2	0	1	2	3	9	6	3		
	15	1016.9	-	6.3	1.4	7.7	79	6.4	0	4	3	8	16	0	0	0	0	0	2	1	8	1	18	1	0	0	13	17	1	1	1	2	1	3	10	8	4		
Gloucester Filton	3	1017.4	-	5.2	1.1	7.6	83	7.0	-1	2	1	4	23	0	0	0	0	2	1	6	7	14	0	0	2	4	23	2	3	0	1	2	2	11	8	2			
	9	1017.6	-	4.9	0.7	8.0	89	6.4	2	1	4	8	16	0	0	0	0	0	5	15	7	4	0	0	3	8	12	8	2	0	2	1	2	6	8	2			
	15	1018.3	+3.5	5.0	0.7	8.0	89	7.0	0	1	3	12	15	0	0	1	0	0	1	6	11	9	2	1	0	1	12	12	6	1	3	0	1	1	5	12	2		
Gloucester	3	1017.9	-	6.3	1.0	8.3	85	6.7	0	0	7	10	14	0	0	0	0	0	8	8	11	4	0	0	0	0	16	14	1	1	2	2	3	1	4	11	6		
	9	1018.1	-	5.4	0.8	8.0	86	6.4	3	0	3	9	15	1	0	0	1	0	2	4	12	7	5	0	0	1	11	16	3	2	2	0	2	2	7	12	1		
	15	1018.0	-	4.9	0.8	7.8	88	6.7	2	0	2	11	16	0	0	0	0	1	2	2	8	12	4	2	0	1	9	16	3	2	2	1	1	0	6	9	4		
Little Rissington	3	1017.6	-	6.6	1.3	8.1	81	6.5	0	3	4	8	16	0	0	0	0	2	2	7	6	4	8	4	0	0	13	16	2	1	0	2	3	7	6	3			
	9	1017.8	-	5.2	0.8	8.0	87	6.3	2	2	3	7	16	1	0	0	1	6	4	10	6	3	1	0	1	6	19	5	2	0	0	2	4	10	8	0			
	15	1016.9	-	2.9	0.6	7.0	90	6.6	2	2	2	6	14	5	0	0	1	3	3	3	8	5	5	0	0	3	10	15	3	6	0	2	0	3	5	7	5		
5 ENGLAND, S.E.	3	1017.0	+3.1	3.0	0.6	7.0	90	6.8	0	2	2	13	12	2	0	1	2	0	4	1	6	10	3	4	0	1	12	17	1	3	0	2	1	3	5	11	5		
	9	1017.4	-	4.5	1.0	7.3	83	6.5	0	4	2	10	12	3	0	1	0	2	1	3	5	12	5	2	0	3	14	13	1	3	1	1	2	4	3	11	5		
	15	1017.4	-	3.3	0.6	7.2	90	6.5	2	3	3	3	16	4	0	3	1	2	1	2	7	6	7	2	0	2	12	13	4	2	2	1	2	1	6	7	6		
Greater London Heathrow	3	1017.1	-	4.0	0.7	7.3	87	6.2	3	3	1	8	15	1	0	0	0	1	2	3	8	13	4	0	0	1	10	19	1	2	0	1	3	2	5	11	6		
	9	1017.6	-	3.8	0.7	7.3	87	6.5	0	2	4	12	13	0	0	0	0	0	6	7	4	9	5	0	0	2	12	15	2	1	3	2	0	2	8	7	6		
	15	1017.2	-	6.0	1.2	7.9	81	6.7	0	3	3	9	18	0	0	0	0	0	5	6	5	12	2	1	0	0	18	13	0	2	1	2	0	5	7	9	5		
Kew	3	1017.4	+2.7	4.7	1.0	7.5	84	6.3	2	3	1	10	14	1	0	0	0	2	2	4	11	10	2	0	0	0	14	15	1	1	3	0	4	1	8	8	5		
	9	1017.8	-	4.4	1.0	7.2	83	6.0	0	3	7	11	10	0	0	0	0	0	5	10	7	3	5	1	0	0	9	19	3	1	0	2	1	3	12	6	3		
	15	1017.4	-	6.3	1.5	7.7	78	6.4	0	4	4	6	17	0	0	0	0	0	5	6	7	8	3	2	0	0	12	16	3	2	1	1	2	9	9	3			
Surrey Gatwick	3	1017.5	-	5.2	1.2	7.4	80	6.1	4	0	3	10	4	0	0	0	1	1	4	9	11	5	0	0	1	6	22	2	1	2	1	1	3	9	9	3			
	9	1017.3	-	3.4	0.7	7.2	89	6.5	3	1	2	8	13	4	0	0	3	1	7	8	9	2	0	0	0	6	21	4	4	0	3	1	1	7	5	6			
	15	1018.0	-	3.0	0.4	7.3	91	6.6	0	3	3	9	16	0	0	0	1	5	7	5	12	1	0	0	0	8	21	2	1	2	1	1	1	10	6	7			
Kent Dungeness	3	1017.6	-	5.4	1.0	7.8	84	6.7	0	2	4	8	17	0	0	0	0	4	4	11	8	4	0	0	0														

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

JANUARY,

1968

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	1-3	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	Calm										
																										34 or more	22-33	11-21	1-10	0										
Number of Observations																																								
7a ENGLAND, N.W.																																								
Cumberland Carlisle	28m.	3	1013.6	-	3.5	0.9	7.0	85	6.5	2	2	2	8	17	0	0	0	0	1	1	4	13	6	6	0	0	2	12	9	8	0	0	2	2	1	11	6	1	1	
		9	1013.7	-	3.8	0.7	7.3	88	6.7	0	0	6	15	10	0	0	0	0	1	2	9	9	9	1	0	0	1	12	12	6	0	0	0	6	1	2	8	2		
		15	1013.1	-	5.7	1.2	7.6	81	6.5	0	1	6	13	10	1	0	0	1	0	3	6	13	8	0	0	0	4	11	15	1	0	1	1	5	1	11	9	2		
		21	1014.0	-	4.2	1.0	7.3	84	5.9	2	4	4	8	13	0	0	0	1	1	0	2	12	10	5	0	0	0	2	13	11	5	0	1	2	1	4	7	8	3	
		21	-	-	-1.9	0.0	5.4	97	6.9	4	0	0	1	2	24	10	14	0	0	0	0	0	1	2	4	0	1	12	11	6	1	1	4	0	2	0	3	11	7	3
Westmorland Great Dun Fell	—	3	-	-	-1.3	0.1	5.6	97	7.2	1	1	2	3	2	22	9	13	0	0	0	0	0	2	7	0	5	9	10	6	1	1	2	0	5	1	2	11	8	1	
		9	-	-	-0.4	0.1	6.0	97	7.2	2	0	1	4	2	22	4	19	0	0	1	0	1	2	3	1	4	13	9	3	2	1	2	0	1	3	9	10	3		
		15	-	-	-1.3	0.1	5.6	97	6.6	4	1	1	1	3	21	10	11	0	0	2	0	0	2	6	0	5	13	8	5	0	3	3	0	1	2	13	8	1		
		21	-	-	4.5	0.8	7.5	86	5.8	1	5	3	13	9	0	0	0	0	1	1	5	5	8	10	1	0	3	10	14	4	6	0	2	1	4	3	8	3		
		21	1015.3	-	4.7	0.8	7.7	87	6.7	0	1	3	18	9	0	0	0	2	3	3	8	10	4	1	0	2	13	6	10	1	0	1	3	1	5	6	4			
Lancashire Speke	26m.	3	1015.4	-	6.2	1.2	8.0	82	6.7	0	2	2	19	8	0	0	0	0	1	1	3	7	12	2	5	0	7	13	7	4	2	0	1	3	1	2	11	7	6	
		9	1015.6	-	5.2	0.9	7.8	86	6.2	1	1	6	13	10	0	0	0	0	1	2	5	10	9	2	2	0	3	13	13	2	5	0	0	3	3	5	7	6		
		15	1015.4	-	3.6	0.7	7.2	88	6.6	1	3	2	5	19	1	0	0	0	5	6	8	8	2	2	0	1	8	16	6	1	0	1	1	9	3	5	5			
		21	1015.6	+2.5	3.8	0.6	7.5	90	6.9	0	1	3	12	14	1	0	1	0	1	4	7	10	7	1	0	0	2	12	14	3	0	1	1	2	11	5	2	6		
		21	1015.4	-	5.8	1.2	7.8	82	6.7	0	1	4	16	10	0	0	0	0	1	1	7	14	8	0	0	0	2	16	10	3	0	1	0	2	4	5	8	8		
Cheshire Ringway	76m.	3	1015.7	-	4.5	0.8	7.6	87	6.8	1	2	3	5	20	0	0	0	0	1	7	7	11	4	1	0	0	1	12	16	2	2	0	0	2	9	3	6	7		
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	1015.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7b NORTH WALES																																								
Anglesey Valley	11m.	3	1015.6	-	6.0	0.9	8.2	87	6.9	0	2	3	7	18	1	0	0	0	1	0	1	7	9	8	5	4	3	13	9	2	2	2	1	4	4	8	5	3		
		9	1016.1	+3.8	6.1	0.9	8.3	86	7.1	0	1	2	10	18	0	0	0	0	1	2	1	4	5	15	3	1	10	11	8	1	3	1	2	1	7	6	7	3		
		15	1015.9	-	6.9	1.2	8.3	82	7.0	0	1	2	15	13	0	0	0	0	0	2	7	8	9	5	1	7	17	6	0	2	0	1	2	4	10	5	7			
		21	1016.1	-	6.2	0.9	8.3	85	7.1	0	1	3	6	20	1	0	0	0	1	0	1	6	10	11	2	2	8	11	8	2	3	1	1	1	4	8	8	3		
		21	1015.9	-	6.9	0.6	9.1	90	6.8	2	1	3	4	20	1	0	0	0	1	0	0	1	10	19	0	5	7	12	6	1	4	1	1	2	5	3	10	4		
Caernarvon Bardsey Island	19m.	3	1016.4	-	6.9	0.6	9.1	90	7.1	0	1	3	7	20	0	0	0	0	0	0	0	5	10	14	2	3	11	8	0	0	2	1	1	3	6	4	11	3		
		9	1016.2	-	7.1	0.6	9.3	90	6.9	0	0	6	9	16	0	0	0	0	1	0	0	5	5	18	2	4	9	11	7	0	3	0	2	1	6	6	7	4		
		15	1016.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21	1016.4	-	6.9	0.7	9.0	89	6.7	1	2	3	4	21	0	0	0	0	0	1	0	1	10	19	0	5	6	11	8	1	5	1	0	1	4	6	9	4		
		21	1016.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8a SOUTH WALES																																								
Cardigan Aberporth	134m.	3	1017.2	-	5.5	0.7	8.2	89	6.0	1	6	1	7	15	1	0	0	1	0	1	1	9	12	4	3	1	8	15	7	0	2	0	1	1	8	7	7	5		
		9	1017.6	+3.9	5.6	0.8	8.3	88	7.1	0	1	0	16	14	0	0	0	0	0	1	5	7	8	2	0	11	14	6	0	3	1	0	2	6	8	7	4			
		15	1017.2	-	6.0	1.0	8.1	85	7.1	0	1	1	18	11	0	0	0	0	0	3	8	12	5	3	0	7	22	1	1	2	1	0	1	8	6	5	7			
		21	1017.5	-	5.6	0.9	8.1	87	6.5	3	1	3	3	21	0	0	0	0	0	1	2	10	10	7	1	2	7	14	8	0	1	4	0	1	7	5	8	5		
		21	1018.2	-	6.8	0.9	8.7	87	6.0	2	4	4	3	18	0	0	0	0	0	0	0	16	12	3	0	1	7	11	11	1	1	2	2	1	5	9	8			
Pembroke Milford Haven C.B.	39m.	3	1018.2	-	6.8	0.9	8.7	86	7.0	0	1	3	8	19	0	0	0	0	0	0	3	14	12	1	0	0	8	12	9	2	2	0	4	1	3	4	9	6		
		9	1018.6	-	6.8	0.9	8.7	86	7.0	0	1	3	8	19	0	0	0	0	0	0	1	3	14	12	1	0	0	8	12	9	2	2	0	4	1	3	4	9	6	
		15	1018.1	-	7.4	1.1	8.8	83	6.8	0	1	4	10	16	0	0	0	0	1	3	12	14	1	0	0	5	19	6	1	2	0	4	2	3	5	5	9			
		21	1018.3	-	6.7	1.0	8.5	85	5.8	5	1	5	3	17	0	0	0	0	0	0	1	9	17	4	0	2	3	14	11	1	2	2	3	2	1	6	6	8		
		21	1017.8	-	5.8	0.9	8.1	87	6.8	1	3	1	5	20	1	0	0	2	0	0	10	7	10	2	0	6	10	15	0	3	5	1	0	2	6	11	3			
Glamorgan Mumbles	37m.	3	1018.2	-	5.9	0.9	8.2	86	7.0	0	1	2	14	14	0	0	0	0	2	1	11	15	2	0	0	10	13	8	0	2	0	5	0	1	5	13	5			
		9	1017.8	-	6.5	1.3	8.0	81	6.8	0	0	7	13	11	0	0	0	0	1	1	14	12	0	2	0	11	12	8	0	0	1	5	2	1	5	9	8			
		15	1018.1	-	5.7	0.9	7.9	85	6.3	2	2	4	6	17	0	0	0	1	0	2	8	8	11	1	2	8	9	11	1	0	2	6	0	8	10	4				
		21	1017.4	-	4.8	0.5	8.1	91	6.4	1	3	4	3	20	0	0	0	0	2	6	4	7	11	1	0	5	11	12	3	2	1	4	0	2	2	9	8			
		21	1018.4	+3.5	5.3	0.7	8.2	89	6.9	0	1	4	10	16	0	0	0	0	0	6	7	9	8	1	0	3	15	10	3	0	2	2	2	1	4	12	5			
Rhoose	69m.	3	1017.9	-	6.0	0.9	8.2	86	7.1	0	1	1	15	14	0	0	0	0	3	6	6																			

TABLE VIII—NUMBER OF DAYS IN JANUARY, 1968
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		1	15	15	0	0	0	0	0	0	0	3	10	15	3	0	0	Edgbaston		0	10	15	6	0	0	0	0	0	0	1	8	11	11	0	0
Stornoway		0	11	17	3	0	0	0	0	0	0	2	4	20	5	0	0	Kew		0	11	11	9	0	0	0	0	0	1	5	14	10	1	0	
Craibstone		1	14	13	3	0	0	0	0	0	0	2	13	15	1	0	0	Hastings		0	10	20	1	0	0	0	0	0	0	14	9	8	0	0	
Rothsay		0	9	20	2	0	0	0	0	0	0	0	8	16	7	0	0	Southampton		0	9	14	8	0	0	0	0	0	1	8	15	7	0	0	
Abbotsinch		1	9	16	5	0	0	0	0	0	0	2	9	11	9	0	0	Stonyhurst		0	11	18	2	0	0	0	0	0	2	11	11	7	0	0	
Eskdalemuir		2	12	17	0	0	0	0	0	0	1	5	7	13	5	0	0	Bidston		0	7	17	7	0	0	0	0	0	0	6	13	12	0	0	
Douglas		0	6	22	3	0	0	0	0	0	0	6	14	11	0	0	0	Valley		0	5	25	1	0	0	0	0	0	0	2	13	16	0	0	
Acklington		1	12	11	7	0	0	0	0	0	0	0	12	7	0	0	0	Falmouth		0	5	25	1	0	0	0	0	0	0	2	13	16	0	0	
Gorleston		0	17	8	6	0	0	0	0	0	0	0	11	14	6	0	0	Aldergrove		0	8	18	5	0	0	0	0	0	1	5	15	10	0	0	
Cambridge		0	10	14	7	0	0	0	0	0	0	4	10	12	5	0	0	Armagh		0	6	16	9	0	0	0	0	0	1	8	16	6	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JANUARY, 1968

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	75	28	8	3	29.1	31	49	28	7	3	23.1	31	72	28	8	3	28.3	31
Eskdalemuir	95	28	9	16	42.1	31	65	28	8	16	33.4	31	91	7	7	30	40.6	31
Cambridge	162	28	16	5	63.8	31	77	24	16	5	47.2	31	-	-	-	-	-	-
London/Wy Centre	150	28	10	5	57.4	29	78	29	10	5	42.2	29	162	28	18	5	63.4	29
Kew	121	28	12	20	55.4	29	80	24	13	20	43.7	29	135	28	19	20	65.7	29
Bracknell	163	28	17	14	61.1	31	81	24	18	25	45.5	31	182	28	22	25	68.2	31
Aberporth	131	28	24	6	61.3	31	84	29	24	6	50.7	31	-	-	-	-	-	-
Aldergrove																		

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

YEAR	Range	January	February	March	April	May	June	July	August	September	October	November	December
1962	4 to 10 knots						249	308					191
	Less than 4 knots						145	185					96
1963	34 knots or more											88	
	22 to 33 knots											170	
	11 to 21 knots	278											
	4 to 10 knots	267	243										
	Less than 4 knots	180	190										
1964	22 to 33 knots	157								162		171	
	11 to 21 knots									329			
	4 to 10 knots	227					200					208	
	Less than 4 knots	49					58					62	
1965	22 to 33 knots				150								219
	11 to 21 knots					427							
	4 to 10 knots	178			238	209	211						159
	Less than 4 knots	24					42						
1966	34 knots or more	15				327	394						
	22 to 33 knots	168				187	234						
	11 to 21 knots												
	4 to 10 knots	254	161					237			274		
	Less than 4 knots	31	4					65			71		

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Temp. of Observation	Min. Temp. 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 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	MOST IN A DAY		Precip'n or more or more 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 1931-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					A Max.	B Min.			Maximum	Date	Minimum	Date	30 cm.	122 cm.			Amount (mm.)	Date												0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
1967	January	Garvagh Forest												97	15	27	22																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 133112 K.12. 5/68. Gp. 1708. 72-7-68-1.

Monthly Weather Report

DUPLICATE ALSO OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 2

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



February 1968 — Cold with severe night frosts

Weather was mainly cyclonic in character until the 14th and then anticyclonic until the 19th, after which weather again became cyclonic in the south but remained generally anticyclonic in the north.

The 1st was generally sunny with scattered showers, but during the evening winds veered from west to northwest behind a trough which brought heavy thundery rain and local thunderstorms to many districts. These north-westerly winds brought snow showers, previously confined to Scotland, to all parts of the United Kingdom on the 2nd and 3rd. A rapidly deepening depression moved quickly south-south-east from Iceland on the 4th, and later that day many roads in Scotland and northern England were blocked with snow drifting in gale force winds, as associated fronts moved over the country. Snow lay 6 inches deep over much of Scotland, and 2-4 inches deep in parts of northern England. Frost was widespread on the morning of the 4th, and temperatures as low as -8°C were recorded at places as far apart as Eskdalemuir and Bournemouth.

During the next three or four days the British Isles was covered by a complex area of low pressure, and weather continued rather cold with snow at times; a fall of 12-18 inches in parts of the Midlands on the 6th, caused considerable disruption of traffic. The rather persistent cloud-cover broke on the evening of the 7th and that night fog and frost became widespread. Freezing fog persisted in parts of central and north-west England throughout the 8th; at Manchester Airport, after a night of severe frost, afternoon temperatures failed to rise above -2°C .

The low pressure area over the country drifted away south-eastwards on the 9th, and weather became less cold with rain at times in the south and east during the next two days, but it was mainly dry with good sunny periods in Scotland and northern England. On the 12th a frontal trough, associated with a complex depression near the Azores, moved north-eastwards over the British Isles bringing rain to southern districts and sleet or snow to the Midlands and the North. The 13th was dull, wet and somewhat milder as a depression moved towards south-west England and winds backed towards the south-east. By the 14th a trough, associated with this depression, lay quasi-stationary along the English Channel while a ridge of high pressure covered northern England and Scotland. Winds were generally easterly, and weather was dull and wet in the south, though sunny in the north.

Easterly winds gave place to light but predominantly northerly winds on the 15th and weather became generally sunny and dry as a ridge of high pressure spread southwards from Iceland to cover the British Isles. An anticyclone covered the country from the 16th to 18th and weather continued fine, but on the 19th the anticyclone declined, and weather became dull over much of England with rain in the extreme south-west associated with a disturbance over northern France. Overnight fog persisted in many Midland areas throughout both the 19th and 20th, and slow-moving fronts over northern France and near the south coast of England on the 21st and 22nd, brought rain and snow to much of southern England. In Scotland, the 18th to 22nd was generally cold with sunny periods and snow showers, but longer periods of snow on the 19th, associated with a weak front over northern Scotland, spread to southern Scotland on the 20th.

On the 23rd an anticyclone developed over the British Isles. Generally dry, cold weather with long sunny periods, continued in most districts until nearly the end of the month, but on the 28th the anticyclone moved eastwards to the North Sea, and weather became milder with increasing southerly winds, and by the 29th rain from the Atlantic spread into western Scotland.

Pressure and Wind — Mean pressure was mainly above average in Scotland and in parts of north-east England, but was below average elsewhere in the United Kingdom, the deviation at 0900 GMT ranging from $+3.4$ mb at Lerwick to -5.7 at Scilly. Surface winds, westerly at first, freshened from south on the 4th. From then until the 19th winds were mainly light and variable, except for a spell of south-easterlies from the 9th to 13th, and winds were also mainly east or south-east from the 20th until the end of the month. Winds reached gale force

locally on 9 days in Scotland, and on 14 days in England and Wales. Gales were widespread over the whole of the United Kingdom on the 4th when a gust of 88 kt was recorded at Stornoway.

Temperature — Mean monthly temperatures were well below the 1931-60 average in all areas. The warmest days were on the 1st, around mid-month and during the last few days of the month. Frost was widespread during the third week.

Extremes included: (England and Wales) 12.8°C at Boxworth on the 14th and at Penzance on the 12th, -11.7°C at Moor House on the 16th and 25th; (Scotland) 12.2°C at Poolewe on the 28th, -18.3°C at Braemar on the 21st; (Northern Ireland) 9.4°C at Derrynoyd Forest on the 1st and at Ballylumpford on the 17th and 18th, -11.1°C at Loughermore Forest on the 6th.

Rainfall — Rainfall was below the 1916-50 average over most of the United Kingdom except for a few areas bordering the coast. It exceeded 150 per cent of the average east of an approximate line from Gorleston to Worthing, and also at a few places in south-east Scotland, but was less than 50 per cent of the average over a large part of Lincolnshire and Wales, and less than 35 per cent in western Tyrone (Northern Ireland).

Thunder was reported locally from one place or another on 9 days, mostly during the first two weeks of the month.

Snow and sleet (rain or drizzle with snow) were widespread in Scotland during the earlier part of the month, and ground was snow-covered throughout the month in some northern and upland areas. In England and Wales snow fell widely on the 1st-7th, 12th, 15th-17th and 20th-22nd. By the end of the first week snow lay 4-6 inches deep over much of the Midlands, and 9-12 inches deep in parts of Staffordshire and Derbyshire. At both Onecote and Buxton level snow was reported to be 15 inches deep on the 7th, and the ground snow-covered from the 3rd until the end of the month.

Sunshine — Monthly sunshine totals were very varied but were generally greater in the western part of the country than in eastern, central or northern districts. They exceeded the average over the whole of Scotland except in the Central Lowlands. Percentages in Scotland ranged from 86 at Perth to 161 at Duntulm, and in England and Wales from 38 at Raunds to 141 at Ringway.

Fog — In Scotland morning fog occurred on 16 days but was widespread only on the 19th. In England and Wales fog at 0900 GMT was reported from one place or another on 20 days and was widespread on the 7th, 8th, 19th, 20th and 29th.

Miscellaneous Phenomena — The aurora was seen in Scotland on 14 nights.

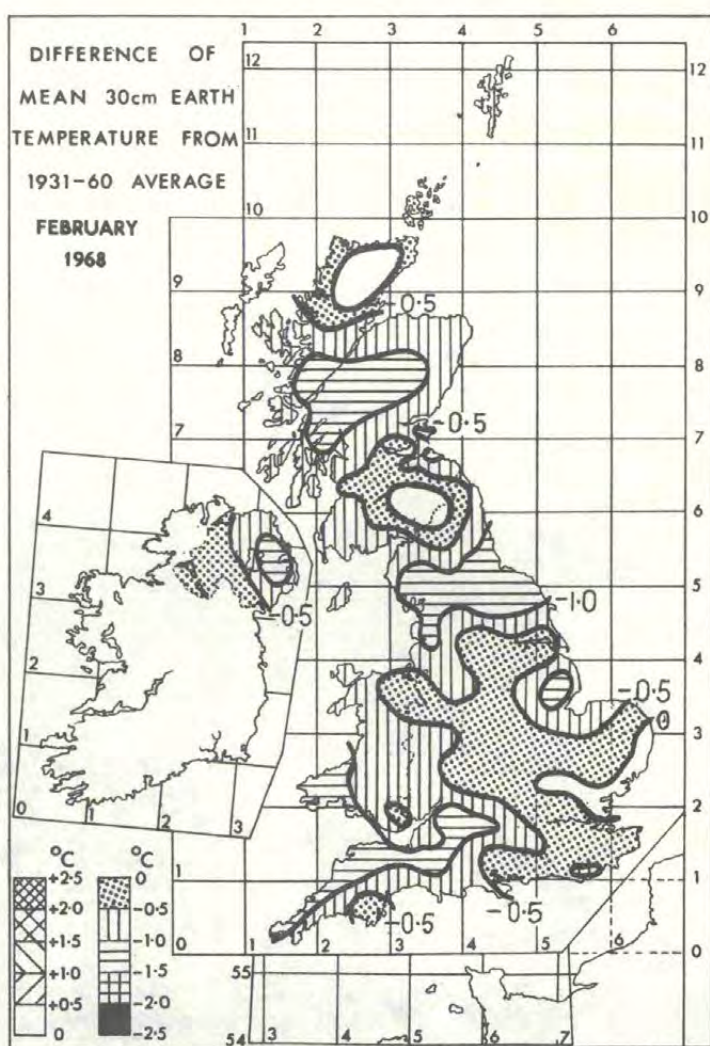
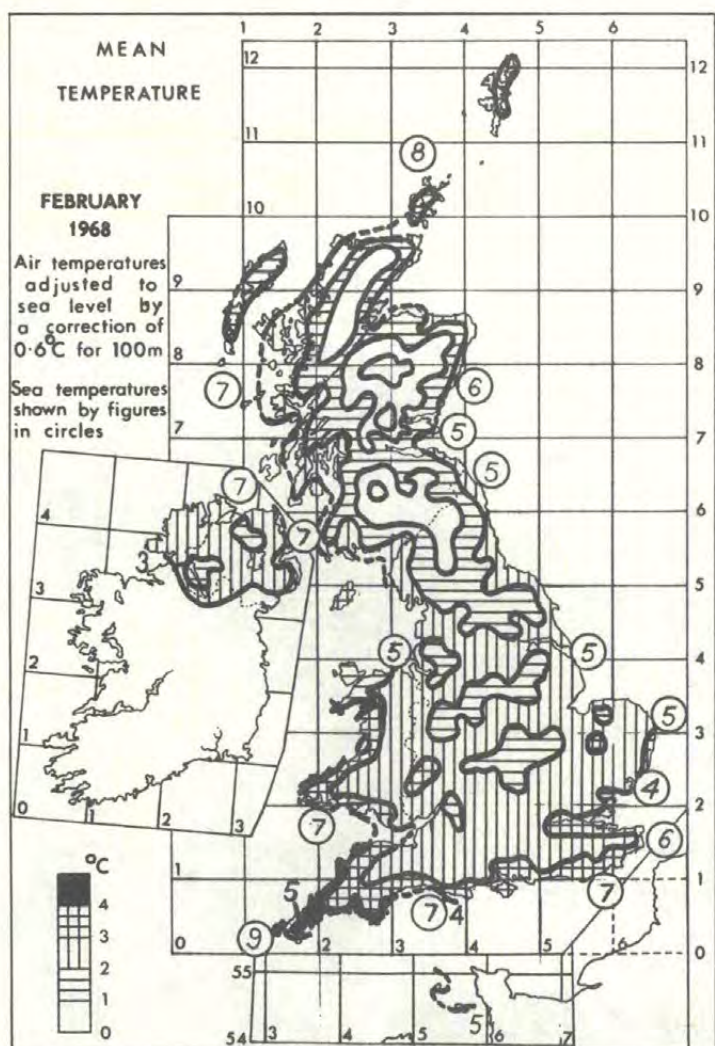
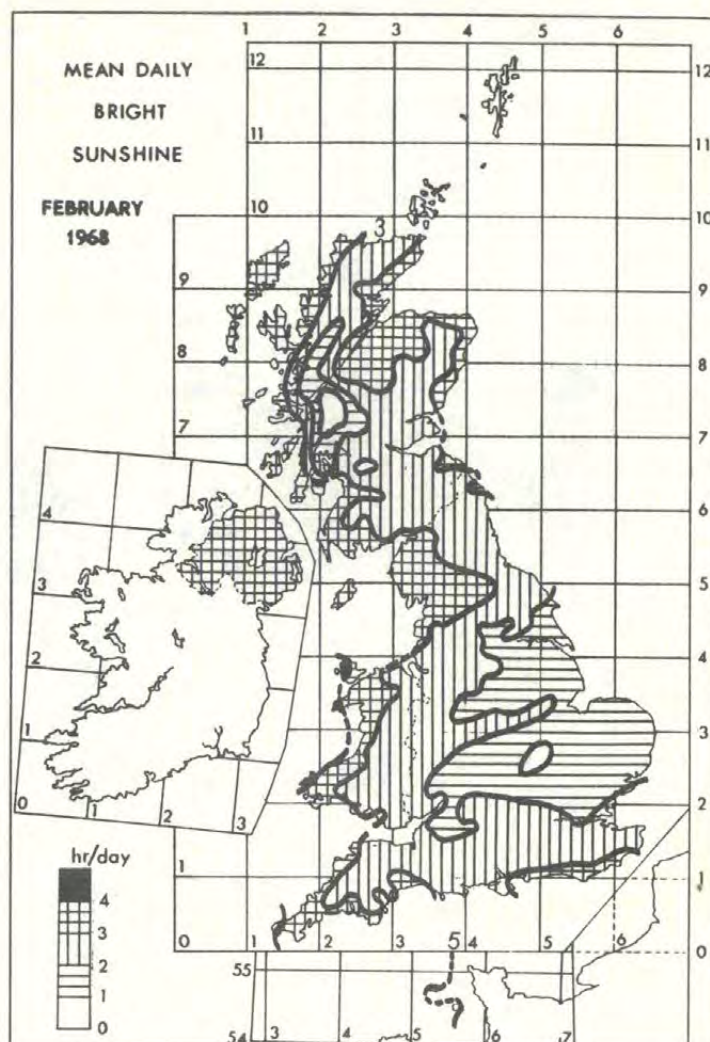
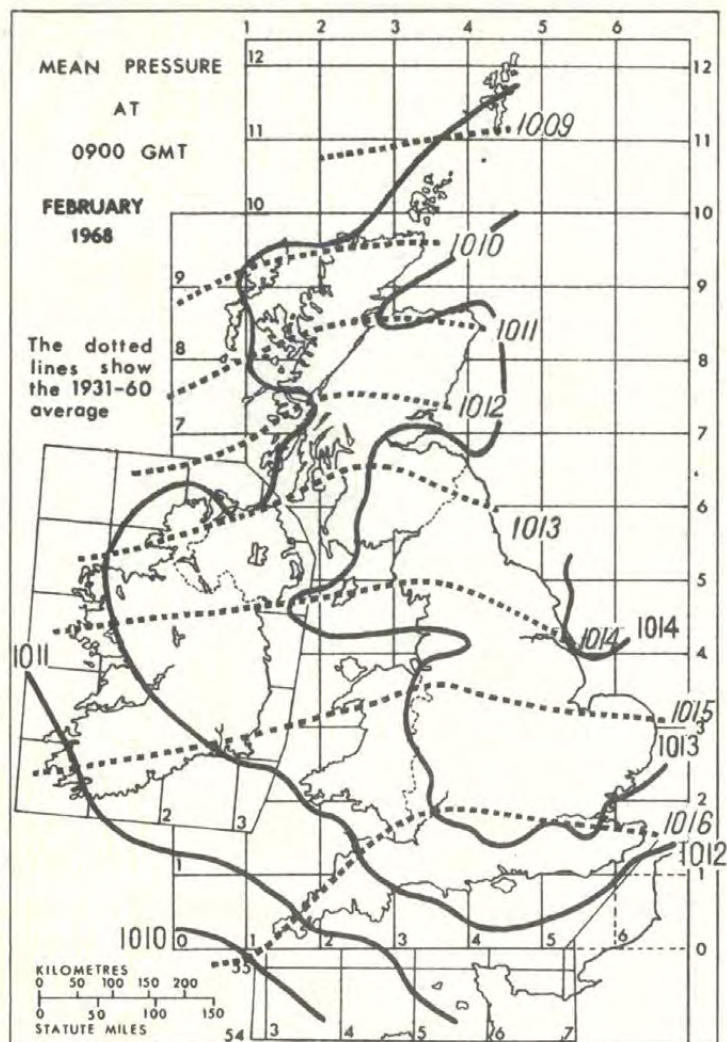
TABLE I—DISTRICT VALUES, FEBRUARY, 1968

DISTRICTS	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									
0 SCOTLAND, N.	9.3	-6.5	-1.7	-1.9	-1.8	-0.7	+0.4	-1	95	139
1 SCOTLAND, E.	8.9	-6.7	-2.0	-1.8	-1.9	-0.7	-0.2	0	95	112
2 ENGLAND, N.E.	9.5	-6.1	-1.9	-1.7	-1.8	-1.0	0.0	-1	82	84
3 ENGLAND, E.	8.1	-6.1	-2.0	-0.8	-1.4	0.0	+0.2	-2	82	66
4 MIDLANDS	8.3	-6.1	-2.4	-1.1	-1.7	-0.4	+0.1	-3	67	79
5 ENGLAND, S.E.	10.0	-6.7	-1.5	-1.1	-1.3	-0.4	-0.1	-1	94	102
6 SCOTLAND, W.	9.1	-10.2	-2.1	-2.5	-2.3	-0.5	0.0	-4	66	108
7 ENGLAND, N.W. and N. Wales	10.8	-6.7	-1.6	-2.0	-1.9	-0.3	+0.2	-6	66	135
8 ENGLAND, S.W. and S. Wales	11.7	-6.7	-2.2	-2.0	-2.0	-0.6	0.0	-4	65	93
N. IRELAND	9.3	-8.4	-1.7	-3.3	-2.5	-	-	-3	54	137
SCOTLAND	9.3	-10.2	-1.9	-2.1	-2.0	-	-	-2	77	120
ENG. and WALES	11.7	-6.7	-1.9	-1.5	-1.7	-	-	-3	72	93

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— FEBRUARY, 1968

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	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		
0	Zetland	Lerwick	93	10	10	1, 4	22	12	60	318	269	27	0	13.4	180	47	4	11	170	67	4	1210	
	Orkney	Kirkwall	41	15	10																		
	Caithness	Dounreay	34	12	9	4	10	14	64	394	211	17	0	13.8	160	45	4	06	160	57	4	0615	
		Wick	45	10	10	4	1	7	39	329	233	94	0	11.1	150	34	4	10	150	56	4	1030	
	Sutherland	Shin	24	10	10																		
	Ross &	Stornoway (C'Guard)	37	12	11	3, 4, 8, 27-29	43	14	110	282	123	138	0	14.6	170	68	4	06	170	88	4	0530	
	Cromarty	Duirinish	38	20	17	-	0	2	5	103	264	257	67	5.9	200	25	29	02	200	44	29	0225	
	Inverness	Benbecula	16	10	10	4	6	8	56	265	292	77	0	11.1	170	45	4	05	170	65	4	0445	
		Corpach	23	15	12																		
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	2	3	60	241	392	0	3.9	210	22	4	05	200	50	4	0755	
		Dalcross	21	10	10	-	0	2	5	194	298	185	14	7.5	190	25	4	05	200	47	4	0635	
		Cairngorm	1074	9	9	1, 4, 28, 29	33	11	107	217	167	132	40	13.0	220	51	4	09	230	73	4	0630	
1	Moray	Kinloss	17	13	13	1	1	2	10	218	371	96	0	8.9	250	35	1	01	180	51	4	0905	
		Lossiemouth	31	24	18	1	1	2	12	208	347	128	0	8.8	290	35	1	02	280	59	1	0040	
	Aberdeen	Dyce	71	9	9	-	0	2	15	188	326	167	0	8.0	170	30	4	10	170	48	4	0905	
	Angus	Bell Rock	39	40	38																		
	Perth	Rannoch	307	17	17	4	1	6	29	176	179	311	0	6.9	190	34	4	09	280	60	1	0001	
		Tummel Bridge	161	16	16	-	0	1	1	26	265	404	0	3.3	280	22	1	01	160	42	4	0720	
	Fife	Leuchars	24	12	12	-	0	4	19	179	394	104	0	8.4	180	31	4	08	260	49	1	0100	
	West Lothian	Forth Road Bridge...	72	9	72	*																	
	Midlothian	Turnhouse	42	12	10	-	0	2	14	100	382	200	0	6.5	170	30	4	12	240	54	1	0135	
6a	Argyll	Tiree	27	18	14	3, 4, 28	24	12	100	269	203	100	0	13.3	180	48	4	07	180	72	4	0700	
	Dumfries	Cumbernauld	166	10	10	f																	
	Renfrew	Paisley	57	25	9	-	0	1	3	21	232	440	0	3.2	190	25	4	10	190	47	4	1030	
		Abbotsinch	16	10	10	-	0	1	2	95	390	209	0	5.7	190	23	4	12	190	41	4	1130	
	Lanark	Lowther Hill	736	13	10	f																	
	Ayr	Hunterston	13	9	9	-	0	7	26	207	213	236	14	8.1	160	26	7	24	240	37	1	0230	
		Prestwick	21	10	10	-	0	2	7	99	330	260	0	6.1	190	27	4	10	190	47	4	0935	
	Dumfries	Chapelcross	94	15	15	f																	
		Eskdalemuir	851	33	33	-	0	3	6	103	268	319	0	5.6	200	23	4	15	240	39	1	0110	
	Wigtown	West Freugh	25	10	10	4	3	2	7	231	270	185	0	8.6	200	38	4	10	200	60	4	0945	
6b	Isle of Man	Ronaldsway	25	10	10	4	5	8	46	269	285	91	0	10.9	190	42	4	11	190	59	4	1100	
		Point of Ayre	20	10	10	4	3	11	72	323	243	55	0	12.5	170	37	4	12	170	57	4	1135	
2	Durham	Durham	119	16	10	-	0	0	0	78	242	372	4	4.3	300	21	2	02	300	43	2	0135	
		South Shields	33	17	13	-	0	3	9	138	351	198	0	6.8	090	23	5	24	130	43	4	1430	
	Yorks, N.R.	Leeming	42	10	10	-	0	2	8	103	331	254	0	5.8	260	26	1	13	270	41	1	2255	
		Middlesbrough	23	19	19	4	1	4	19	225	329	122	0	9.0	170	34	4	16	170	53	4	1630	
		Silpho Moor...	207	15	9	*																	
	Yorks, E.R.	Leconfield	18	10	10	-	0	1	9	135	273	258	21	6.4	180	30	4	18	180	43	4	1705	
	Lincoln	Cranwell	88	14	14	-	0	0	0	69	442	185	0	5.6	230	21	6	05	230	34	6	0415	
		Binbrook	118	10	10	4	1	2	16	194	318	167	0	8.0	170	35	4	18	170	48	4	1720	
		Manby	26	10	10	-	0	1	6	198	373	119	0	8.3	160	25	4	19	160	35	4	1805	
3	Norfolk	Gorleston	16	13	13	4, 5	8	9	107	252	281	32	16	13.1	180	39	4	21	180	53	4	2035	
	Suffolk	Mildenhall	30	25	18	-	0	1	1	126	392	177	0	6.4	180	23	4	19	180	45	4	1830	
	Bedford	Bedford	98	13	9	-	0	1	6	180	423	87	0	8.2	160	28	4	19	160	42	4	1840	
		Cardington	69	41	41	-	0	3	9	252	365	70	0	9.6	180	25	4	21	180	42	4	2005	
	Hertford	Garston	94	15	10	-	0	0	0	25	445	226	0	5.2	190	17	4	20	180	30	4	1730	
		Rothamsted	141	13	10	-	0	0	0	97	470	129	0	6.6	040	15	23	13	200	35	4	1655	
	Essex	Stansted	107	9	9	-	0	0	0	164	408	124	0	7.4	170	20	4	20	170	31	4	1945	
		Coryton	20	17	15	*																	
		Shoeburyness	36	32	28	4, 5	7	9	73	375	212	26	3	13.8	180	39	4	24	170	50	4	2040	
4	Yorks, W.R.	Sheffield	162	25	11																		
		Church Fenton	18	10	10	-	0	2	6	110	440	140	0	6.9	260	26	1	14	160	39	4	1520	
	Warwick	Edgbaston	196	36	22	-	0	1	4	82	494	116	0	6.4	160	23	4	17	170	39	4	1545	
		Elmdon	105	9	9	-	0	2	8	139	452	97	0	7.6	180	28	4	17	180	45	4	1625	
	Buckingham	Amersham	152	15	15	-																	
	Stafford	Keele	215	15	10	-	0	0	0	110	325	261	0	5.7	170	20	4	15	170	42	4	1415	
	Worcester	Pershore	47	10	10	-	0	2	8	193	325	170	0	7.9	180	28	4	16	180	46	4	1610	
5	Greater	London/W. Centre	93	70	38	-	0	0	0	288	379	29	0	9.8	180	21	4	18	180	35	4	1740	
	London	Heathrow	35	10	10	-	0	1	8	244	390	54	0	9.1	180	25	4	20	180	38	4	1740	
		Hampton	42	31	30	-	0	1	1	178	386	131	0	7.5	200	22	4	21	200	39	4	2025	
		Kew	28	23	15	-	0	0	0	184	366	146	0	7.5	180	19							



RAINFALL

FEBRUARY 1968

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

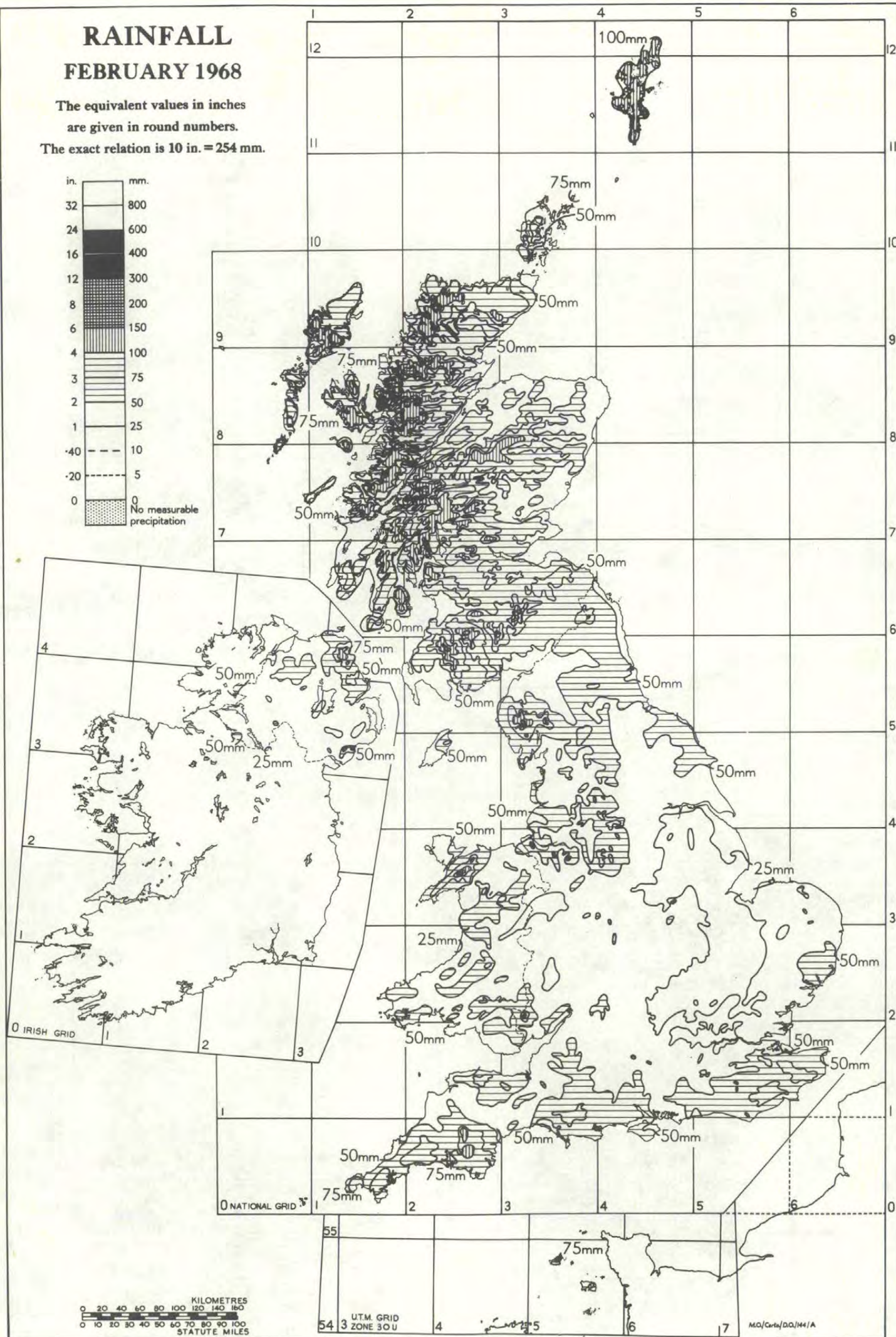
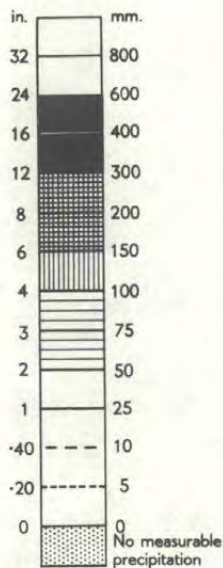


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY,

1968

DISTRICT, COUNTY AND PLACE	Max. 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		Daily Mean (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 (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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure					
			Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																								
0 SCOTLAND, N.																																		
Zetland			99	21	4.6	0.4	2.5	-	7.8	26,29	-3.3	16	-	-	104	-	29	4	22	15	14	9	2	3	0	0	11	-	-	2	2.61	-	-	
			95	21-9	82	3.2	-0.6	1.3	-1.6	7.8	29	-5.0	19,20	-	120	117	26	2	19	16	19	13	0	12	0	1	17	19	-	4	2.69	149	-	
			99	24	4.3	-1.0	1.7	-	8.9	26	-5.6	16,22	2.9	-	124	125	38	2	26	18	13	14	0	6	0	0	18	-	3	2.10	-	-		
Orkney			21-9	13	5.3	2.5	3.9	-	8.0	26	-1.2	13	-	-	47	-	8	4	18	14	7	2	0	0	0	0	2	12	-	1	-	-	-	
			99	23	4.7	-0.9	1.9	-	8.9	26	-8.9	20	2.8	4.8	59	76	10	6	22	13	8	9	0	3	0	0	17	28	-	1	2.91	-	-	
			21-9	26	4.4	0.1	2.3	-1.5	8.9	26	-4.0	20	-	-	59	74	8	23	15	14	18	9	8	2	0	0	16	25	-	3	3.30	150	-	
Calthness			99	21	4.9	-1.2	1.9	-	9.4	29	-4.4	5,14,20	-	-	67	-	9	7	18	14	9	9	3	0	0	0	20	26	-	1	-	-	-	
			21-9	36	4.1	-0.4	1.9	-1.6	8.5	26	-4.8	3	-	-	52	102	6	16	19	15	14	9	0	8	0	1	18	23	-	1	3.26	129	-	
Sutherland			21-9	112	4.1	1.1	2.6	-1.7	9.6	28	-2.0	13	-	-	60	72	7	14	22	16	16	6	1	2	0	0	9	20	-	1	3.05	-	-	
			99	46	4.7	-1.1	1.8	-	10.0	28	-7.2	14	-	-	111	-	22	14	14	14	5	13	0	0	0	1	17	22	-	0	-	-	-	
			99	85	3.9	-3.3	0.3	-	10.0	29	-9.4	21	1.9	4.2	59	69	10	8	19	13	15	14	2	1	0	1	23	27	-	0	3.28	-	-	
			99	37	3.7	-2.6	0.5	-2.4	8.3	28	-8.3	22	-	-	81	100	8	8	22	18	15	10	2	3	0	2	25	-	0	2.78	139	S		
			99	137	3.2	-4.2	-0.5	-	9.4	28	-12.2	22	-	-	77	-	11	8	19	18	12	25	0	5	0	2	25	28	-	1	2.94	-	-	
Ross & Cromarty			21-9	3	5.2	-0.5	2.3	-2.1	9.3	29	-6.5	3	-	-	58	85	11	3	19	16	13	3	0	5	0	0	18	20	-	4	3.38	155	-	
			99	4	5.9	-0.6	2.7	-	11.1	28	-5.0	14	-	-	47	-	11	3	10	10	7	4	0	0	0	0	16	-	0	-	-	-	-	
			99	6	5.8	-0.4	2.7	-	12.2	28	-5.0	14	-	-	56	48	11	4	14	12	-	-	-	-	0	18	25	-	-	3.92	-	-	-	
			21-9	16	5.1	1.4	3.3	-	8.6	28	-3.0	14	-	-	-	-	-	-	-	-	-	12	4	5	0	0	7	12	-	3	-	-	-	
			99	14	5.5	-1.1	2.2	-	8.3	29	-6.1	14	3.6	-	65	63	(13)	3	17	13	6	4	0	0	1	-	19	27	-	0	3.46	-	S	
			99	67	4.6	-3.1	0.7	-2.4	11.7	28	-7.2	14	-	-	90	52	22	3	17	14	9	10	0	0	0	0	24	-	0	-	-	-	-	
			99	23	5.1	-2.9	1.1	-2.6	10.6	28	-7.8	14	3.0	-	62	38	15	3	13	12	6	8	0	0	0	0	24	27	-	0	2.90	-	S	
			99	244	3.2	-1.8	0.7	-	11.1	28	-6.7	14	-	-	63	-	10	1	18	14	16	23	0	1	0	-	22	29	-	0	-	-	-	
			99	5	4.3	-0.1	2.1	-2.0	8.3	28,29	-3.9	21	-	-	33	77	6	8	16	12	8	5	0	0	0	1	14	-	0	3.03	122	-	-	
Inverness			21-9	18	4.6	0.0	2.3	-1.4	9.0	28,29	-4.0	14	-	-	38	112	8	6	13	10	8	0	0	0	0	1	13	-	3	-	-	-	-	
			21-9	6	5.6	0.3	2.9	-2.0	9.1	29	-5.0	14	-	-	66	87	23	3	19	13	6	1	2	1	0	0	17	22	-	1	3.89	-	-	
			99	5	5.8	-0.7	2.5	-	8.3	28	-5.0	21	3.0	6.2	121	63	33	3	17	15	7	8	4	1	0	0	19	25	-	3	-	-	-	
			99	67	4.9	-0.7	2.1	-	8.9	29	-3.9	3,14	-	-	63	44	23	3	18	11	11	8	0	6	0	1	19	28	-	5	3.88	-	-	
			99	90	4.8	0.2	2.5	-1.9	7.8	28	-3.3	14	-	-	68	68	21	3	18	15	9	6	8	0	0	0	11	24	-	4	3.49	161	-	
			99	15	5.2	-1.4	1.9	-2.0	9.4	28,29	-6.1	17	-	-	74	42	24	3	17	10	-	2	-	-	-	0	16	28	-	-	2.87	141	S	
			99	8	4.8	-2.4	1.2	-	9.4	28	-7.8	17,21	1.9	3.9	44	-	10	3	16	9	11	4	0	1	0	0	19	27	-	1	2.72	-	S	
			99	8	5.1	-1.3	1.9	-	10.6	28	-6.7	21	-	-	50	-	12	3	13	10	7	3	0	1	0	1	19	28	-	1	-	-	-	
			99	21	4.4	-2.6	0.9	-2.3	9.4	28	-9.4	21	-	-	46	-	12	3	17	12	8	8	0	0	0	1	23	-	0	3.20	-	S	-	
			99	4	4.8	-1.8	1.5	-	10.6	28	-4.4	14	-	-	36	82	8	9	11	9	10	4	0	0	0	1	25	29	-	1	3.20	-	-	
			99	762	0.7	-5.0	-2.1	-	8.3	27	-8.3	14,21,23	-	-	-	-	-	-	-	-	-	10	29	0	0	0	28	-	-	-	-	-	-	
			99	1090	-2.8	-7.2	-5.0	-	3.9	27,28	-11.1	21,22	-	-	-	-	-	-	-	-	-	10	29	0	0	0	0	29	-	5	-	-	S	
			99	305	2.3	-4.2	-0.9	-	7.2	29	-12.2	21	1.4	-	44	64	8	8	14	12	-	-	-	-	-	27	-	-	-	-	-	-	-	
			99	341	2.5	-5.7	-1.6	-2.7	7.9	28	-14.5	21	-	-	49	65	9	4	18	14	-	28	-	-	-	5	27	28	-	-	3.06	-	S	
1 SCOTLAND, E.																																		
Nairn			99	6	4.1	-1.8	1.1	-2.5	9.4	28,29	-7.8	21	-	-	35	92	7	8	21	11	10	8	0	1	0	2	18	27	-	1	3.29	129	-	-
Moray			99	229	3.2	-5.3	-1.1	-	6.7	26,28,29	-12.8	23	-	-	35	-	7	8	16	11	19	25	0	0	0	0	27	29	-	0	-	-	-	-
			99	47	4.2	-1.7	1.3	-2.0	8.9	29	-6.7	21	1.7	4.2	35	97	6	19	16	12	9	12	0	0	0	1	22	28	-	1	3.30	124	-	-
			21-9	5	4.7	-2.2	1.3	-2.2	9.8	28	-7.2	21	2.5	-	35	103	7	19	17	10	15	10	0	6	0	1	26	29	-	1	3.50	-	-	-
			99	15	4.8	-1.6	1.6	-	10.6	28	-5.6	21	-	-	44	119	8	19	15	14	9	11	0	0	0	0	20	27	-	0	3.81	-	S	-
			99	6	4.9	-2.4	1.3	-1.9	10.0	28	-7.8	21	-	-	42	117	10	18	11	13	9	0	2	0	1	24	28	-	2	-	-	-	-	
Banff			99	32	4.6	-1.3	1.7	-1.8	10.6	28	-5.0	21	-	-	43	92	7	8	17	11	8	12	0	0	0	-	20	-	-	1	3.04	122	-	-
			21-9	215	3.4	-3.5	-0.1	-	10.0	28	-11.2	21,23	-	-	46	-	10	8	20	11	20	21	0	0	0	3	27	29	-	1	3.44	-	-	-
			99	24	4.5	-0.4	2.1	-	9.4	29	-2.8	4,17,21	-	-	40	-	10	6	18	11	9	6	0	0	0	1	18	-	0	3.47</				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY,

1968

[illegible]

* Younger Botanic Gardens

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY, 1968

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (meters)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)		WEATHER Number of Days										BRIGHT SUNSHINE						
				MEANS OF		Daily Mean (Mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Most in a day	Precip'n				Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm.	1.0 mm.					Snow or more	Snow or Sleet	Snow lying at 9hr.												
																					30 cm.											
6b ISLE OF MAN																																
Ronaldsway ...		21-9	17	5.8	1.3	3.5	-	8.8	18	-3.5	24	-	-	29	47	11	4	12	7	7	0	1	4	0	1	14	20	-	1	-	-	-
Douglas ...		9 9	87	-	0.7	-	-	-	-	-2.8	24	-	-	48	61	16	5	14	9	3	3	4	0	0	2	8	21	-	2	3.18	126	-
Point of Ayre ...		21-9	9	5.4	1.3	3.3	-	7.4	17,18	-4.2	24	-	-	38	72	19	5	10	7	5	0	3	0	0	2	5	-	2	3.42	-	-	-
2 ENGLAND, N.E.																																
Northumberland		9 9	201	2.9	-4.1	-0.6	-	9.4	28	-9.4	17	2.5	-	51	57	14	5	14	11	14	18	0	1	0	5	26	29	-	0	-	-	-
Kielder Castle ...		9 9	79	4.3	-3.2	0.5	-	9.4	28	-7.8	23	2.4	4.2	59	-	17	5	15	12	11	11	0	0	0	4	26	29	-	0	-	-	-
Corbridge ...		9 9	49	4.4	-2.3	1.1	-	9.4	28	-6.7	23,24,25	-	-	58	-	19	5	14	11	7	5	0	2	0	5	21	24	-	0	-	-	-
Berwick-on-Tweed †		9 9	23	4.6	-0.4	2.1	-1.7	8.3	28	-3.3	4,24,26	-	-	31	81	10	7	16	9	9	2	2	0	0	0	16	25	-	0	2.87	106	-
Cockle Park ...		9 9	99	4.2	-1.3	(1.4)	-1.6	8.9	29	-5.0	4	(2.1)	-	58	121	15	7	15	10	10	5	1	0	0	0	17	23	-	0	2.48	92	-
Acklington †		21-9	42	4.8	-1.3	1.7	-1.8	9.5	19	-6.0	4	-	-	31	72	8	7	13	8	11	4	1	5	0	1	20	21	-	1	2.74	-	-
Tynemouth †		21-9	29	4.6	0.7	2.7	-1.7	8.0	28	-3.0	17	-	-	50	119	13	7	14	9	12	2	4	0	0	0	11	22	-	1	2.51	107	-
Seahouses ...		21-9	11	4.6	-0.1	2.3	-	7.1	19	-4.0	4	-	-	37	-	13	7	15	8	10	2	0	0	0	1	14	21	-	1	3.00	-	-
Durham		9 9	136	3.9	-1.8	1.1	-2.0	8.3	28,29	-5.0	16	-	-	53	106	11	7	17	11	8	12	0	0	0	2	25	29	-	0	-	-	-
Ushaw College ...		9 9	181	3.7	-1.6	1.1	-1.9	7.8	1,19,28	-5.6	4	-	-	66	124	21	4	11	7	10	12	0	0	0	4	23	-	-	0	-	-	-
Houghall ...		9 9	37	4.8	-1.9	1.5	-1.7	8.3	19	-9.4	14	-	-	65	137	14	5	17	11	8	7	1	2	0	0	22	25	-	0	2.30	99	-
Durham †		9 9	102	4.6	-2.0	1.3	-2.0	7.8	19	-6.1	24	1.3	4.8	54	120	13	5	14	9	-	8	-	-	-	7	23	21	-	-	2.39	98	-
Hartlepool ...		9 9	9	5.1	0.3	2.7	-	8.3	28	-3.3	4,24	-	-	56	148	17	7	14	11	5	2	0	0	0	3	13	-	-	0	2.35	-	-
Thirsk ...		9 9	34	4.4	-1.2	1.6	-	7.8	18	-5.6	4	-	-	31	-	7	12	12	7	9	4	0	0	0	4	22	25	-	0	-	-	-
Leeming ...		21-9	32	4.7	-1.1	1.8	-	7.5	1,2	-5.5	24	-	-	31	-	10	4	11	6	12	6	0	4	0	3	20	22	-	0	3.06	-	-
York (Heslington)		9 9	20	4.4	-0.7	1.9	-	7.2	1	-5.6	4	2.4	4.5	28	-	9	5	11	6	-	3	-	-	-	10	17	23	-	-	-	-	-
Ampleforth ...		9 9	95	4.2	-1.2	(1.5)	-1.6	6.9	24	-5.6	4	-	-	33	61	17	5	9	6	6	0	0	0	0	2	22	26	-	0	1.99	84	-
Redcar ...		9 9	8	5.3	0.0	2.7	-	10.0	28	-3.9	4,24	-	-	58	145	12	5	16	11	-	0	-	-	-	2	12	-	-	-	2.49	-	-
Pickering ...		9 9	44	4.2	-2.1	1.1	-	6.8	18	-10.4	4	-	-	47	-	9	5	14	8	6	8	1	3	0	0	22	27	-	0	-	-	-
Whitby ...		9 9	41	5.1	-0.4	2.3	-	11.1	1	-5.6	4	-	-	49	101	14	7	12	8	-	-	-	-	-	15	-	-	-	-	2.78	122	-
Scarborough ...		9 9	36	4.9	0.8	2.9	-1.6	7.2	15	-2.8	4	4.3	5.4	45	98	11	7	11	9	7	1	0	1	0	0	8	16	-	1	2.04	89	-
Silpho Moor ...		9 9	203	3.4	-2.0	0.7	-	8.3	29	-5.6	4	1.9	-	65	105	12	7	20	11	9	12	0	1	0	5	28	29	-	0	2.51	-	-
Whitby C'Guard		21-9	63	4.2	-0.2	2.0	-	6.4	1,28	-5.6	4	-	-	45	-	17	7	11	7	7	2	0	1	0	0	14	20	-	2	-	-	-
High Mowthorpe		9 9	175	2.3	-1.6	0.3	-	5.0	1,2	-5.6	4	1.9	-	52	101	14	6	15	9	14	13	0	2	0	6	24	28	-	0	2.03	-	-
Hull ... †		9 9	2	4.7	0.3	2.5	-1.7	7.2	1	-3.3	4	3.3	6.5	32	67	8	5	14	6	5	5	0	0	0	4	13	21	-	0	1.36	63	-
Leconfield ...		21-9	7	4.4	-0.4	2.0	-	6.8	1	-5.6	4	-	-	26	-	5	5	13	6	9	1	0	3	0	3	15	24	-	0	1.67	-	-
Filey ...		9 9	37	4.4	-0.6	1.9	-	6.1	1	-5.0	4,20	-	-	52	111	14	7	14	10	8	4	0	1	0	1	18	20	-	0	1.89	-	-
Bridlington †		9 9	48	4.2	-0.4	1.9	-1.6	6.7	1,2	-4.4	4	-	-	53	107	11	4	15	9	8	1	0	2	1	1	14	20	-	2	1.82	70	-
Kilnsea ...		21-9	12	4.5	1.0	2.7	-	7.2	1	-2.5	20	-	-	28	-	8	4	14	6	5	0	0	0	0	2	8	-	-	5	1.71	-	-
Lincoln		21-9	68	4.0	-0.6	1.7	-1.9	7.2	1	-4.6	20	-	-	17	-	9	5	11	3	1	2	0	1	0	7	18	22	-	0	1.82	-	-
Waddington ...		9 9	7	4.6	-1.3	1.7	-	7.8	1,7,18	-6.7	4	3.3	4.8	19	45	10	5	9	4	1	1	0	0	0	5	17	25	-	0	1.57	-	-
Lincoln ... †		9 9	7	4.6	-1.3	1.7	-	7.8	1,7,18	-6.7	4	3.3	4.8	19	45	10	5	9	4	1	1	0	0	0	5	17	25	-	0	1.57	-	-
Cranwell †		9 9	62	4.1	-0.9	1.6	-1.9	7.6	1	-4.4	4	2.7	5.0	17	41	7	5	7	5	5	1	0	1	0	6	19	26	-	0	2.05	81	-
Brigg ...		9 9	3	4.7	-0.9	1.9	-	7.8	1	-5.0	4	-	-	22	-	9	5	13	4	4	3	0	0	0	6	17	22	-	-	-	-	-
Caistor ...		9 9	30	(4.4)	(-1.5)	(1.5)	-	7.2	1	-7.2	4	-	-	20	-	9	5	10	3	-	-	-	-	-	21	-	-	-	-	-	-	-
Binbrook ...		21-9	108	3.4	-0.5	1.5	-	6.8	1	-4.9	4	-	-	21	-	8	5	12	5	2	3	0	1	0	8	16	24	-	1	-	-	-
Cleethorpes ...		9 9	7	4.6	0.4	2.5	-1.5	8.9	1	-3.9	4	-	-	27	61	8	4	10	6	-	1	-	-	-	5	8	25	-	-	1.74	71	-
Manby ...		21-9	17	4.6	-0.4	2.1	-	7.6	27	-5.1	4	3.5	-	27	66	11	5	15	4	8	2	0	3	0	4	17	26	-	0	1.72	-	-
Skegness ...		9 9	5	4.6	0.5	2.5	-1.2	8.3	1	-3.9	4	-	-	25	64	8	5	10	7	1	0	0	0	0	2	13	24	-	0	1.74	70	-
3 ENGLAND, E.																																
Norfolk		9 9	4	4.2	0.4	2.3	-	7.2	1	-3.3	4	3.2	-	24	69	5	5	13	7	1	0	0	0	0	5	15	24	-	0	1.57	-	-
Terrington St. Cl.		9 9	24	4.9	2.0	2.9	-	7.8	1	-6.7	4,20	3.4	5.1	31	69	9	7	13	6	-	2	-	-	-	19	25	-	-	1.27	-	-	-
Santon Downham		9 9	53	(3.6)	-0.3	1.7	-	8.2	8	-3.4	4,20	-	-	45	-	15	7	13	5	7	2	1	0	0	18	15	23	-	2	-	-	-
East Dereham ...		9 9	76	3.8	-0.8	1.5	-1.7	6.5	1	-5.3	20	-	-	33	64	8	7	13	7	11	3	1	3	0	6	21	25	-	0	1.42	-	-
West Raynham ...		21-9	76	3.8	-0.8	1.5	-1.7	6.5	1	-5.3	20	-	-	33	64	8	7	13	7	11	3	1	3	0	6	21	25	-	0	1.42	-	-
Cromer ...		9 9	54	4.3	(0.3)	(2.3)	-1.6	7.2	1,18	-3.9	5	-	-	41	86	16	7	13	6	-	0	-	-	-	0	7	24	-	-	1.58	61	-
Sprawston †		9 9	28	4.3	0.3	2.3	-1.3	7.2	1	-3.3	20	3.6	-	41	94	17	7	10	7	6	1	0	2	0	-	13	24	-	0	1.21	50	-
Coltishall ...		21-9	17	4.7	0.4	2.5	-	8.6	1	-3.3	4	-	-	46	-	20	7	12	7	9	1	0	3	0	1	13	23	-	0	-	-</	

* Training College ** King Edward School

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-50 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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more			Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

FEBRUARY,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure		
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date					Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more													Snow or Sleet	
7a ENGLAND, N.W.—cont.																																	
Lancashire		99	21	(5.6)	(-1.2)	(2.2)	-	8.9	1	-5.6	24	-	-	32	51	16	5	7	5	-	1	-	-	-	5	23	26	-	-	3.14	-	-	
—cont.		99	54											38	-	10	6	7	7	-	4	-	-	8	12	22	-	-	2.37	-	-		
		99	7	5.1	-0.2	2.5	-1.4	9.4	28	-3.3	24	-	-	36	55	15	5	9	6	3	0	1	1	0	3	15	-	0	3.33	136	-	-	
		99	15	4.4	-0.3	2.1	-	7.8	18	-4.4	4, 24	3.5	5.7	39	-	10	6	7	7	-	4	-	-	8	12	22	-	0	-	-	-	-	
		99	33	5.2	-1.1	2.1	-	10.0	28	-5.0	24, 25	-	-	39	57	23	5	7	6	5	0	8	1	9	18	23	-	0	-	-	-	-	
		99	107	4.3	-1.1	1.6	-	8.9	28	-5.6	4	2.7	-	55	-	20	5	8	8	-	-	-	-	2	20	26	-	-	(2.33)	-	-	-	
		99	115	4.8	-1.2	1.8	-1.5	10.6	28	-5.6	20	-	-	31	33	10	5	9	6	-	5	-	-	7	21	26	-	-	3.02	144	-	-	
Manchester/W. Centre		99																															
Helmshore		99	260	(3.2)	-1.8	(0.7)	-	8.9	28	-8.3	9	2.4	-	61	49	18	5	8	6	-	11	-	-	8	21	25	-	-	2.41	-	-	-	
Burnley		99	200	4.1	-1.9	1.1	-	10.0	29	-6.7	24	2.9	5.2	49	-	14	4	12	6	6	7	1	1	0	5	23	28	-	0	2.78	-	-	-
Nelson		99	165	3.5	-1.5	1.0	-	8.9	28	-5.7	24	2.3	5.0	48	52	19	5	8	6	-	8	-	-	9	22	29	-	-	2.50	-	-	-	
Rochdale		99	110	4.7	-1.3	1.7	-	11.1	28	-5.6	4, 24, 25	-	-	49	55	19	14	7	6	6	3	2	0	0	5	18	25	-	0	2.50	-	-	-
Cheshire		99	8	5.1	-0.3	2.4	-	8.3	1	-6.1	25	-	-	57	-	36	5	8	7	-	5	-	-	-	13	21	-	-	2.60	-	-	-	
		99	60	4.1	0.3	2.2	-2.0	6.7	1, 28	-2.8	8, 25	-	-	51	104	32	5	7	6	-	-	-	-	5	11	17	-	-	2.53	109	-	-	
		99	55	4.7	-1.0	1.8	-	7.8	1	-4.4	8, 24	-	-	45	-	27	5	11	9	-	-	-	-	-	19	26	-	-	-	-	-	-	
		99	20	5.1	-0.2	2.5	-	8.9	1	-3.9	24, 25	-	-	66	123	46	5	9	6	6	7	0	0	1	8	11	22	-	0	-	-	-	-
		99	65	4.6	-1.0	1.8	-	9.4	28	5.4	24	2.2	4.7	59	100	37	5	8	6	-	11	-	-	-	19	25	-	-	-	-	-	-	
		99	76	4.4	-0.7	1.9	-1.8	10.8	28	-5.0	20	-	-	40	67	18	5	8	6	10	7	2	1	4	18	24	-	0	2.89	147	-	-	
		99	152	3.9	-1.1	1.4	-1.7	8.3	28	-5.6	9	-	-	45	65	23	5	8	6	9	11	1	0	0	2	19	-	0	-	-	-	-	-
7b NORTH WALES																																	
Flint		99	9	5.5	0.3	2.9	-2.0	10.0	28	-5.0	25	-	-	46	97	20	5	7	6	4	2	1	0	0	3	11	-	0	2.98	121	-	-	
		99	4	5.4	-0.2	2.6	-	10.0	28	-5.6	25	-	-	45	89	16	5	10	6	2	5	1	0	0	1	13	-	0	2.92	128	-	-	
		99	5	4.6	-0.6	2.0	-2.5	8.3	1	-5.6	24, 25	-	-	44	88	28	5	11	7	4	1	0	1	0	4	15	-	0	-	-	-	-	-
Anglesey		21-9	10	6.3	1.1	3.7	-1.7	9.5	13	-4.4	24	-	-	44	76	19	4	10	8	4	2	3	0	1	1	8	19	-	1	4.06	145	-	-
Denbigh		99	36	5.5	0.3	2.9	-2.3	11.1	28	-4.4	25	4.3	-	56	102	18	4	11	9	4	1	1	0	0	0	12	-	0	2.89	119	-	-	
		99	335	3.6	-3.7	-0.1	-	8.9	29	-10.6	24	-	-	36	35	12	4	12	9	-	-	-	-	-	27	29	-	-	-	-	-	-	
		99	76	5.1	-0.8	2.1	-	8.9	29	-5.6	24, 25	-	-	24	-	7	13	8	8	-	1	-	-	-	1	18	-	-	-	3.02	-	-	-
		99	210	3.7	-2.2	0.7	-	6.7	18	-8.3	8	2.5	4.8	41	-	13	13	9	8	6	11	0	0	0	4	24	23	-	0	2.51	-	-	-
		99	386	-	-2.4	-	-	-	-	-8.3	24	2.7	-	54	65	16	13	12	11	-	15	-	-	-	5	29	29	-	-	-	-	-	-
Caernarvon		99	84	4.8	-1.1	1.9	-	8.8	1	-5.3	24	3.1	5.2	29	48	10	5	8	6	2	0	0	0	5	21	26	-	0	-	-	-	-	-
		21-9	18	6.2	3.0	4.6	-	8.3	16	0.0	24	-	-	43	-	19	4	11	10	-	0	-	-	0	0	12	-	-	-	-	-	-	-
		99	34	6.2	0.7	3.7	-	8.9	28	-3.9	24	4.3	6.7	77	-	30	6	11	9	5	1	0	0	0	0	9	25	-	1	4.02	-	-	-
		99	84	5.9	0.4	3.1	-	11.7	28	-3.3	24	-	-	58	66	17	5	11	7	5	7	1	1	0	2	13	29	-	0	3.36	-	-	-
		99	18	6.2	0.6	3.4	-2.0	11.7	1	-3.3	28	-	-	55	70	18	5	10	9	6	2	1	0	0	1	11	25	-	0	2.64	131	S	-
Merioneth		99	186	5.4	0.7	3.1	-	11.1	28, 29	-5.6	25	-	-	38	-	10	4	10	9	-	3	-	-	0	19	26	-	-	-	-	-	-	-
		99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	
		99	144	5.2	-1.7	1.7	-	9.4	28, 29	-7.2	24	-	-	38	42	15	4	10	10	7	4	0	0	0	-	20	29	-	0	-	-	-	S
Montgomery		99	61	5.3	-1.1	2.1	-	8.9	18, 28	-6.7	24, 25	-	-	41	-	10	4	12	8	-	-	-	-	0	18	24	-	-	-	-	-	-	-
		99	303	2.9	-1.8	0.5	-	6.7	18	-5.6	4, 24	2.6	-	52	34	14	13	12	10	6	11	0	2	0	4	24	27	-	0	-	-	-	-
8a SOUTH WALES																																	
Cardigan		21-0	133	5.5	0.6	3.1	-1.7	9.3	28	-2.8	25	-	-	30	38	8	4	11	8	6	0	0	7	0	1	10	20	-	2	3.90	-	-	-
		99	138	5.6	-0.4	2.6	-1.7	11.1	28	-3.9	24	-	-	29	39	8	6	12	8	5	2	0	0	0	0	17	23	-	1	3.28	124	-	-
		99	31	6.2	-0.7	2.7	-	11.7	28	-6.7	24	-	-	30	38	12	6	12	6	2	1	4	0	0	0	17	23	-	0	2.91	-	-	-
		99	165	5.1	-1.1	2.0	-	11.7	29	-7.2	24	-	-	33	33	6	4, 11	13	8	-	1	-	-	0	19	27	-	-	3.36	-	-	-	-
		99	61	6.2	-1.1	2.5	-	11.7	29	-7.8	24, 25	4.9	-	33	-	9	4	10	9	2	0	1	0	0	0	16	24	-	0	3.24	-	S	-
		99	290	3.8	-0.8	1.5	-	9.4	28	-5.0	24	-	-	34	31	10	6	10	9	4	4	0	0	0	0	19	25	-	1	3.32	138	-	-
		99	301	3.7	-1.6	+1.1	-	8.3	28, 29	-5.0	24, 29	-	-	40	-	9	13	10	9	3	4	0	0	0	-	22	24	-	0	-	-	-	-
Pembroke		99	33	6.3	1.7	4.0	-	9.4	1, 12	-2.2	24, 25, 26	4.5	-	39	-	9	7	11	6	0	0	1	0	0	0	5	15	-	2	3.50	-	-	-
		21-9	37	6.1	1.4	3.7	-	9.5	12	-3.5	26	-	-	46	-	12	4	10	5	2	0	0	0	0	0	8	17	-</					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS FEBRUARY, 1968

DISTRICT, COUNTY AND PLACE		Max. Temp. 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				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	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure				
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																							
8b ENGLAND, S.W.—cont.																																		
Devon —cont.	Plymouth, The Hoe	9 9	36	6.8	1.1	3.9	-1.9	10.8	12	-2.2	7	5.2	-	77	99	17	4	12	10	4	0	0	0	0	2	11	22	-	0	-	-	-		
	Tavistock	9 9	139	6.8	-0.3	3.3	-1.5	11.1	12	-3.3	4,8,16	-	-	69	-	25	4	10	10	3	2	0	1	0	1	15	24	0	-	-	-	-		
	Chivenor	21-9	6	6.7	1.2	3.9	-2.2	12.1	12	-2.7	20	-	-	39	59	10	4	10	8	4	0	0	0	0	0	11	18	0	3.15	-	-	-		
	Ilfracombe	9 9	8	6.3	2.2	4.3	-1.7	11.1	12	-1.1	20,29	-	8.5	48	68	12	4	11	9	0	0	0	0	0	4	15	-	0	2.99	117	-	-		
	Totnes	9 9	37	6.8	-0.2	3.3	-	12.2	12	-5.6	8	5.1	7.6	83	85	26	4	15	9	0	0	0	0	0	2	16	21	0	2.51	-	-	-		
	Slapton	9 9	32	7.0	1.7	4.3	-	11.7	12	-1.7	4,7	-	-	-	-	-	-	1	1	0	0	0	0	1	5	20	0	-	-	-	-			
	Newton Abbot	9 9	83	6.0	0.4	3.2	-1.8	11.7	12	-3.3	4,8	-	-	66	81	19	4	10	8	1	0	0	0	0	1	13	20	0	3.09	110	-	-		
	Torbay (Torquay)	9 9	8	6.9	1.5	4.2	-1.5	11.7	12	-2.8	4	-	7.1	74	101	18	3,13	13	10	1	0	0	0	0	0	10	16	-	0	2.94	102	-	-	
	9 NORTHERN IRELAND																																	
Londonderry	Teignmouth	9 9	6	6.8	1.3	4.1	-1.7	11.7	12	-2.2	8	-	-	56	88	15	8	11	8	0	0	0	0	0	1	11	-	-	1	2.70	95	-	-	
	Starcross	9 9	9	6.5	0.0	3.3	-	10.0	1,12	-3.9	16	4.8	-	49	76	14	13	9	7	0	0	0	0	1	3	15	21	-	0	2.88	-	-	-	
	Exeter	21-9	32	6.4	0.0	3.2	-	10.6	12	-4.3	4	-	-	42	61	16	13	10	8	4	0	0	0	0	0	14	21	-	0	3.06	-	-	-	
	Sidmouth	9 9	8	6.5	0.5	3.5	-1.8	9.4	1	-2.8	4,26	-	-	46	76	15	13	10	8	-	1	-	-	-	0	13	22	-	-	3.17	110	-	-	
	Scilly	21-9	48	7.9	4.4	6.1	-1.2	11.7	12	1.0	25	-	-	81	117	27	12	14	12	0	0	0	2	1	0	0	7	-	2	2.72	95	-	-	
	Penzance	9 9	19	7.9	2.0	4.9	-1.9	12.8	12	-1.7	7,9,17	-	-	78	87	25	12	15	12	0	0	0	4	0	0	0	11	17	-	2	3.20	109	-	-
	Gulval	9 9	15	7.7	2.3	5.0	-1.5	12.2	12	-1.1	17,24	-	-	77	91	23	12	17	12	-	0	-	-	-	0	5	19	-	-	3.02	107	-	-	
	Culdrose	9 9	82	7.0	1.2	4.1	-	10.8	12,13	-3.4	25,26	-	-	75	101	22	12	15	12	0	0	4	2	0	0	0	9	15	-	0	3.30	-	-	-
	Rosewarne	9 9	76	7.2	2.1	4.7	-	12.2	12	-2.2	24,25	4.8	7.3	75	93	24	4	13	8	4	0	7	0	0	0	8	19	-	2	3.49	-	-	-	
	Lizard	9 9	73	7.5	2.9	5.2	-1.3	10.9	12	-2.2	24	-	-	69	95	21	12	16	13	1	0	2	0	0	-	2	-	-	5	3.17	-	-	-	
Falmouth	9 9	51	7.2	1.5	4.3	-2.0	12.2	12	-3.3	25	-	-	-	-	-	-	-	0	0	1	0	0	0	7	14	-	-	0	2.72	98	-	-		
Newquay	9 9	54	7.3	1.4	4.3	-1.6	11.7	12	-2.2	16	-	-	35	51	9	12	12	9	0	-	0	1	0	-	12	-	-	3	3.50	127	-	-		
St. Mawgan	21-9	103	6.9	0.9	3.9	-	11.3	12	-4.0	27	-	-	40	53	10	4	12	7	3	0	3	0	0	0	12	19	-	0	3.63	-	-	-	-	
St. Austell	9 9	94	(6.3)	0.9	(3.6)	-	10.6	12	-2.8	24	-	-	82	79	21	4	16	11	0	0	0	0	0	1	10	-	-	0	-	-	-	-		
Fowey	9 9	40	7.2	0.9	4.1	-2.1	10.6	12	-3.3	7	-	-	69	-	14	4	13	11	0	0	2	0	0	1	16	-	-	4	-	-	-	-		
Bude	9 9	15	6.9	1.3	4.1	-1.4	11.1	4	-2.8	16	3.4	-	30	47	7	4	10	7	-	0	-	-	-	-	11	-	-	-	-	-	-	-		
Ellbridge	9 9	58	6.8	0.3	3.5	-1.7	11.7	12	-3.9	8	-	-	74	90	22	4	14	9	1	0	0	0	0	1	17	23	-	1	3.22	111	-	-	-	
Antrim	Loughmore Forest	9 9	174	4.8	-2.6	1.1	-	8.3	17	-11.1	6	-	-	57	-	10	1	14	10	8	6	1	0	1	1	22	27	-	1	-	-	-	-	
	Ballykelly	21-9	2	6.0	-1.2	2.4	-2.4	9.3	28	-7.7	6	3.5	6.5	39	63	8	3	13	8	6	2	0	5	1	1	18	26	-	0	3.59	133	-	-	
	Derrynoyd Forest	9 9	88	5.6	-1.8	1.9	-	9.4	1	-8.3	6	-	-	47	-	9	7	16	11	6	4	1	0	0	2	21	27	-	0	-	-	-	-	
	Somerset Forest	9 9	43	5.5	-2.0	1.7	-	8.9	1	-5.6	6,16,23	-	-	36	-	8	1	14	12	2	1	0	0	0	0	22	29	-	0	-	-	-	-	
	Garvagh Forest	9 9	91	4.9	-1.8	1.5	-	7.8	17	-7.2	6	2.9	6.1	68	-	22	3	17	12	5	4	1	0	0	0	22	25	-	0	-	-	-	-	
	Moneydig	21-9	34	5.4	-1.8	1.8	-2.4	8.5	17	-8.4	6	3.6	-	48	66	11	1	16	11	9	3	1	2	0	3	22	26	-	0	-	-	-	-	
	Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	39	-	7	2	16	10	-	-	-	-	-	-	-	-	-	-	3.39	-	-	-	
	Ballymoney	9 9	55	5.9	-1.1	2.4	-	8.9	17,18,19	-6.1	6	-	-	46	-	10	3	14	11	3	-	0	0	0	2	14	-	-	0	-	-	-	-	
	Lisnafillan	9 9	38	5.5	-2.2	1.7	-	8.3	17,19	-6.7	23	-	-	45	-	9	3	16	12	4	2	0	0	0	8	22	25	-	-	3.43	-	-	-	
	Aldergrove	21-9	69	5.3	-1.2	2.1	-2.1	8.0	28	-6.1	6	3.3	6.5	47	69	10	8	14	13	11	1	3	0	1	5	21	26	-	0	3.38	148	-	-	
Down	Greenmount	9 9	32	5.4	-1.4	2.0	-	8.9	24	-6.1	23	3.2	-	44	-	8	8	15	13	3	2	0	0	0	-	19	28	-	-	-	-	-	-	
	Altnahinch	9 9	226	3.3	-1.2	1.1	-	6.1	28,29	-5.6	6	-	-	96	-	17	3	20	18	12	10	0	0	0	0	22	29	-	0	3.22	-	-	-	-
	Parkmore Forest	9 9	235	3.4	-1.5	0.9	-	6.7	19	-6.7	6	2.8	-	51	-	14	8	15	14	8	5	1	0	1	8	22	-	-	0	-	-	-	-	
	Black Mountain	21-9	295	3.2	-1.0	1.1	-	5.9	18	-4.5	6	-	-	82	-	18	0	20	14	10	11	1	0	0	4	24	26	-	0	-	-	-	-	
	Lowtown	9 9	271	3.0	-1.4	0.8	-	6.7	19	-3.9	6,23	2.6	-	70	-	16	3	18	14	6	1	4	0	1	0	18	24	-	2	3.01	-	-	-	
	Ballypatrick Forest	9 9	152	4.3	-1.1	1.6	-	7.2	28	-5.6	6,23	-	-	34	-	5	8	15	12	4	-	0	0	0	4	20	27	-	0	2.75	-	-	-	
	Belfast, Malone	9 9	35	5.4	-1.1	2.1	-	7.8	15,18	-5.6	24	3.3	-	53	-	8	7	15	12	12	2	1	0	0	2	13	24	-	0	3.02	-	-	-	
	Newtownabbey	9 9	32	5.7	0.4	3.1	-	8.3	18	-2.2	16,17,20	3.9	-	69	76	15	6	18	13	9	8	0	0	0	5	21	26	-	0	-	-	-	-	
	Woodburn, North	9 9	217	3.8	-1.4	1.2	-	6.7	18	-5.0	6,26	-	-	59	79	11	6	17	11	6	0	0	0	0	1	18	-	-	0	-	-	-	-	
	Larne	9 9	43	5.8	-0.3	2.7	-	8.9	15,17,18	-2.8	6,16,27																							

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY,

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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														
																										3 or more	4-7	8-10	11-15	16-20										
Number of Observations																																								
0 SCOTLAND, N.																																								
Zetland Lerwick	83m.	3	1011.4	-	1.0	0.9	5.9	88	5.7	2	4	3	10	0	0	0	0	0	0	0	0	0	4	6	11	8	1	3	11	14	0	0	8	2	3	2	2	5	3	4
		9	1012.2	+3.4	1.4	0.7	5.9	87	6.3	0	4	3	12	9	1	0	0	0	1	1	3	5	9	9	9	9	1	5	14	8	1	6	1	2	2	3	3	7	4	
		15	1012.1	-	2.3	0.8	6.2	84	5.5	1	6	3	12	7	0	0	0	0	0	0	0	2	9	13	5	2	1	17	9	0	3	0	4	1	3	3	7	8		
Orkney Kirkwall	26m.	3	1012.7	-	1.3	0.5	6.1	90	5.6	2	4	5	8	10	0	0	0	0	0	1	0	8	5	9	6	1	2	9	14	3	4	2	2	3	1	3	3	7	4	
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Caithness Wick	37m.	3	1011.6	-	1.7	0.9	5.9	85	5.5	3	3	4	12	7	0	0	0	0	0	0	0	6	7	11	5	0	2	16	11	0	1	4	4	0	8	2	5	5		
		9	1012.6	+2.5	1.3	0.8	5.8	85	5.3	1	5	5	14	4	0	0	1	0	0	1	0	3	9	4	11	1	1	14	13	0	4	2	3	3	2	5	3	9	1	
		15	1012.5	-	3.4	1.3	6.2	79	5.1	1	7	5	12	4	0	0	0	0	0	0	0	2	9	4	14	0	3	11	15	0	3	3	3	1	8	2	7	2		
Sutherland Cape Wrath*	113m.	3	1012.9	-	1.5	0.9	5.7	83	4.7	2	6	6	12	3	0	0	0	0	0	0	0	1	9	10	9	0	1	14	12	2	1	4	4	0	4	4	8	2		
		9	1011.1	-	2.6	0.9	6.2	84	5.7	0	3	8	11	7	0	0	0	0	0	0	0	2	6	21	1	5	8	14	1	1	4	3	2	5	8	2	3			
		15	1011.7	-	2.4	0.9	6.1	84	5.4	0	4	8	11	6	0	0	0	0	0	0	0	1	2	7	19	1	4	9	14	1	0	5	5	4	3	8	0	3		
Ross & Cromarty Stornoway	5m.	3	1012.0	-	3.4	1.1	6.3	81	5.5	0	5	6	12	6	0	0	0	0	0	0	0	0	1	8	20	0	3	8	16	2	1	3	3	3	4	11	1	1		
		9	1012.2	-	2.9	0.8	6.6	87	5.1	0	5	9	8	7	0	0	0	0	0	0	0	0	0	7	22	0	4	10	13	2	0	4	2	2	3	11	3	2		
		15	1012.0	-	1.5	0.6	6.1	89	4.0	2	7	11	4	5	0	0	0	0	0	0	2	0	8	16	3	1	4	7	11	6	3	2	5	1	4	4	0	4		
Inverness Benbecula	6m.	3	1012.4	+2.3	1.8	0.6	6.3	89	5.3	0	6	7	12	4	0	0	0	0	0	0	5	7	9	8	0	2	15	7	5	2	5	3	2	5	4	1	2			
		9	1012.6	-	4.3	1.2	6.7	81	4.4	1	9	5	12	2	0	0	0	0	0	1	3	5	10	10	0	4	9	12	4	1	3	4	2	6	7	1	1			
		15	1013.2	-	2.0	0.6	6.4	90	4.4	6	3	5	12	3	0	0	0	0	0	0	6	4	14	5	0	4	9	9	7	2	3	3	1	5	4	2	2			
1 SCOTLAND, E.	6m.	3	1011.5	-	2.0	0.7	6.2	87	4.9	1	8	4	12	4	0	0	0	0	0	0	1	3	4	10	11	1	1	11	14	2	5	7	2	1	8	2	2	0		
		9	1011.8	+1.4	2.3	0.8	6.3	87	5.3	0	5	8	15	1	0	0	0	0	0	0	1	7	7	14	0	1	12	13	3	6	2	3	7	3	2	2	0			
		15	1012.1	-	4.5	1.4	6.6	78	5.1	0	7	5	15	2	0	0	0	0	0	0	2	6	9	12	0	2	12	14	1	4	5	5	2	5	6	1	0			
Moray Kinloss	59m.	3	1012.7	-	2.2	0.7	6.3	88	5.0	3	4	4	14	4	0	0	0	0	0	0	5	4	10	10	0	3	8	14	4	2	3	5	3	7	3	2	0			
		9	1012.5	-	0.6	0.8	5.4	85	5.6	4	1	5	11	8	0	0	1	0	0	0	2	4	4	9	9	0	1	10	16	2	1	2	6	0	5	8	4	1		
		15	1013.2	+2.4	0.6	0.7	5.6	87	5.1	2	4	5	12	6	0	0	1	0	0	0	1	12	3	7	5	0	1	6	22	0	1	5	1	1	8	11	2	0		
Aberdeen Dyce	22m.	3	1013.8	-	3.8	1.5	6.1	77	5.0	1	5	7	12	4	0	0	0	0	0	0	0	6	2	9	12	0	2	11	16	0	2	3	3	1	3	7	5	5		
		9	1013.8	-	0.4	0.7	5.5	87	4.2	5	7	4	8	5	0	0	0	1	0	0	0	7	7	6	8	0	0	7	19	3	0	1	7	0	8	7	2	1		
		15	1012.0	-	0.1	0.7	5.3	85	4.2	7	4	3	3	10	5	0	0	0	1	0	0	9	4	10	5	0	1	8	11	9	2	0	1	1	4	1	8	3		
Fraserburgh	35m.	3	1012.7	+1.1	0.7	0.7	5.5	86	5.8	1	3	4	17	3	1	0	1	0	0	5	10	6	3	4	0	0	1	8	14	6	4	1	1	5	3	6	2			
		9	1012.5	-	3.7	1.7	5.8	73	4.8	1	8	6	9	5	0	0	0	0	0	0	4	7	7	6	5	0	0	1	6	22	0	4	4	2	1	5	3	5		
		15	1013.2	-	0.4	0.8	5.3	84	3.7	5	10	2	9	3	0	0	0	0	0	0	4	10	8	4	3	0	0	5	16	8	1	2	2	1	1	5	6	3		
Angus Usan	12m.	3	1012.2	-	2.6	0.8	6.5	87	5.1	3	5	6	3	12	0	0	0	0	0	2	0	9	18	0	1	5	10	11	2	1	1	4	0	4	10	3				
		9	1012.9	-	2.4	0.7	6.3	87	5.9	1	1	7	11	9	0	0	0	0	0	0	1	5	12	10	1	0	4	11	14	0	3	3	3	1	7	2	9	1		
		15	1012.9	-	4.0	1.2	6.6	81	5.1	1	4	10	7	7	0	0	0	0	0	0	1	7	1	19	1	0	6	10	12	1	5	0	5	1	7	2	6	2		
Fife Leuchars	44m.	3	1013.5	-	2.7	0.9	6.3	85	4.2	4	6	8	5	6	0	0	0	0	0	0	0	2	11	16	0	0	3	11	13	2	2	1	3	2	5	2	8	4		
		9	1011.8	-	1.2	1.0	5.5	81	3.9	6	8	2	7	6	0	0	0	0	0	0	0	4	6	6	13	0	1	10	17	1	2	3	2	2	1	3	6	9		
		15	1012.4	-	1.4	0.9	5.7	83	5.5	0	4	8	7	10	0	0	0	0	0	0	1	4	7	8	9	0	2	7	18	2	4	2	1	2	2	3	5	8		
Midlothian Turnhouse	12m.	3	1012.1	-	3.8	1.4	6.2	77	4.9	0	9	5	8	7	0	0	0	0	0	0	5	5	11	8	1	0	8	17	3	4	4	1	3	2	7	1				
		9	1012.8	-	1.7	1.0	5.7	82	3.6	6	10	1	6	6	0	0	0	0	0	0	0	6	4	11	8	0	0	5	8	17	4	4	1	4	1	4	6	4		
		15	1012.4	-	-0.2	0.5	5.4	88	4.9	4	7	1	6	11	0	0	0	0	0	0	1	7	8	11	2	0	1	5	20	3	1	4	2	3	1	4	11	0		
Argyll Tiree	10m.	3	1012.8	+0.6	0.8	0.7	5.6	85	5.5	1	4	5	14	5	0	0	0	0	0	1	2	4	10	7	5	0	2	4	20	3	3	3	2	2	1	8	7	0		
		9	1012.5	-	3.9	1.4	6.2	77	5.7	0	5	6	11	7	0	0	0	0	0	1	1	8	8	3	0	1	8	18	2	1	6	5	0	1	6	7	1			
		15	1013.2	-	0.7	0.6	5.7	88	4.9	4	6	1	10	8	0	0	0	0	0	1	2	10	6	8	2	0	0	6	15	8	3	3	3	1	0	6	4	1		
Dumfriesshire Turnhouse	44m.	3	1013.0	-	0.0	0.5	5.5	89	5.2	4	5	11	8	0	0	0	0	0	1	1	0	3	10	11	3	0	0	1	5	17	6	0	2	6	0	2	6	7	0	
		9	1013.3	+0.5	0.1	0.7	5.4	86	5.6	1	4																													

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

FEBRUARY,

1968

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													
																									0-10	11-20	21-30	31-40	41-50									
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington 46m.	3	1012.9	-	0.2	0.6	5.6	88	5.1	1	7	7	3	10	1	0	1	0	0	1	3	12	4	6	2	0	1	4	21	3	3	0	0	4	0	5	2	10	2
	9	1013.2	+0.5	0.8	0.6	5.8	89	6.1	0	3	3	16	7	0	0	0	0	0	1	6	8	10	2	2	0	2	5	20	2	2	1	5	5	2	4	7	2	2
	15	1012.5	-	4.0	1.5	6.1	76	5.6	1	5	5	9	9	0	0	0	0	0	0	5	7	6	7	4	0	0	2	8	18	1	1	5	5	2	4	7	2	2
	21	1013.6	-	0.9	0.6	5.9	89	4.9	4	7	1	8	9	0	0	0	0	0	5	1	8	11	4	0	0	0	4	21	4	3	3	3	2	1	3	1	8	4
	3	1013.2	-	1.9	1.1	5.7	81	4.9	6	1	7	5	9	1	0	1	0	0	2	2	4	15	5	0	0	0	1	12	14	2	0	3	11	14	1	4	1	8	4
Tynemouth 40m.	9	1013.4	+0.2	1.9	1.0	5.8	82	6.1	1	2	6	8	12	0	0	0	0	0	4	4	12	4	5	0	0	3	11	14	1	2	2	6	1	4	1	8	4	1
	15	1012.9	-	3.7	1.4	6.1	76	5.9	3	1	6	7	12	0	0	0	0	0	2	3	11	4	9	0	1	1	13	12	2	6	3	3	6	4	0	4	5	3
	21	1013.8	-	2.7	1.0	6.2	83	5.6	4	2	4	5	14	0	0	0	0	0	1	8	9	6	5	0	0	1	14	9	5	2	3	3	2	3	3	5	3	
	3	1013.1	-	1.5	0.6	6.0	88	4.7	1	9	3	7	9	0	0	0	1	0	2	3	9	13	4	0	0	2	3	22	2	2	0	3	5	1	4	3	10	1
	9	1013.2	-	1.5	0.6	6.1	88	5.7	0	6	5	8	10	0	0	0	1	1	2	8	8	5	4	0	0	6	21	2	2	2	3	3	3	4	0	6	2	
Seahouses 12m.	15	1012.9	-	3.8	1.1	6.6	82	5.7	0	7	3	9	10	0	0	0	0	0	1	3	7	6	6	6	0	2	5	19	3	2	2	3	3	3	4	0	9	1
	21	1013.6	-	2.2	0.8	6.2	86	4.5	1	9	6	6	7	0	0	0	0	1	3	7	6	6	6	0	2	5	19	3	2	2	3	3	3	4	0	6	2	
	3	1013.1	-	0.4	0.5	5.7	90	5.5	5	3	1	8	11	1	0	0	1	3	4	7	7	4	0	0	0	4	22	3	2	2	1	1	6	1	4	4	7	1
	9	1013.4	-	0.5	0.6	5.7	89	6.3	0	3	5	9	11	1	0	0	1	2	3	4	12	2	4	1	0	0	4	18	7	7	1	2	2	5	0	3	2	
	15	1012.5	-	4.1	1.5	6.2	76	6.2	0	3	6	10	10	0	0	0	1	5	6	6	6	4	0	1	7	19	2	4	6	4	2	6	0	3	2	4	0	
Yorks, N. Riding Leeming 33m.	21	1013.6	-	1.3	0.6	5.9	88	5.7	2	4	3	7	13	0	0	0	1	3	4	10	7	4	0	0	3	19	7	5	2	2	2	7	0	4	4	0	0	
	3	1013.5	-	1.1	0.9	5.5	83	4.2	4	4	11	4	6	0	0	0	0	0	0	12	17	0	0	0	3	5	19	2	0	4	3	4	8	4	4	0	0	
	9	1013.7	-	1.5	1.0	5.7	83	6.0	0	2	8	10	9	0	0	0	0	0	0	11	14	4	0	0	3	6	19	1	2	3	3	4	8	5	3	0	0	
	15	1013.3	-	3.7	1.4	6.2	77	6.3	0	1	8	9	11	0	0	0	0	0	1	12	12	4	0	0	2	10	15	2	2	4	6	3	7	1	1	3	0	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Yorks, E. Riding Leconfield 9m.	3	1013.4	-0.5	1.2	0.7	5.9	88	6.4	0	4	1	12	12	0	0	0	1	2	6	2	10	6	2	0	0	4	17	8	3	2	4	0	1	4	6	1	1	
	9	1012.9	-	3.6	1.3	6.2	78	6.8	0	2	2	13	12	0	0	0	0	2	4	9	8	2	4	0	1	10	17	1	3	2	10	2	4	2	1	4	2	
	15	1013.7	-	1.6	0.7	6.0	87	5.8	2	5	1	10	11	0	0	0	1	2	5	8	7	4	2	0	0	5	16	8	4	3	2	3	2	3	1	7	3	
	21	1013.8	-	2.2	0.7	6.2	86	5.8	2	1	9	4	11	2	0	2	0	0	1	2	6	18	0	0	0	3	12	14	0	1	3	8	3	3	1	7	3	
	3	1014.3	+0.3	2.2	0.7	6.2	86	6.4	0	1	5	12	9	2	0	1	1	0	1	3	7	16	0	0	0	4	13	10	2	1	3	8	2	2	5	4	2	
Kilnsea 16m.	15	1013.6	-	3.6	1.0	6.6	83	6.8	0	0	6	11	12	0	0	0	1	0	3	12	13	0	0	0	6	10	9	4	2	2	7	2	5	1	4	2	2	
	21	1014.2	-	3.0	0.9	6.4	84	5.7	2	4	5	3	14	1	0	1	0	0	1	9	17	0	1	1	3	14	7	4	0	2	10	3	4	2	2	2	2	
	3	1013.0	-	0.8	0.5	6.0	91	5.6	4	1	5	7	9	3	0	3	1	0	4	7	2	6	4	2	0	6	22	1	4	6	4	2	1	4	6	1		
	9	1013.5	-1.4	0.7	0.4	5.9	92	6.5	0	2	4	10	10	3	0	3	1	3	3	4	7	5	3	0	0	7	21	1	3	6	4	2	3	3	4	3		
	15	1012.6	-	3.5	1.1	6.4	82	6.6	0	1	5	13	10	0	0	0	1	0	2	6	7	4	4	5	0	2	12	15	0	1	7	7	0	6	2	3		
Lincoln Waddington 69m.	21	1013.4	-	1.4	0.6	6.1	90	6.3	2	3	0	7	14	1	0	3	0	0	1	4	8	7	4	2	0	2	5	22	0	1	9	5	4	3	4	2	1	
	3	1013.0	-	0.7	0.4	5.9	92	6.0	4	3	0	7	11	4	0	3	2	0	3	3	9	5	4	0	0	5	21	3	3	4	3	3	2	7	2	2	2	
	9	1013.5	-	0.8	0.5	5.8	89	6.3	0	3	4	13	6	3	0	4	0	4	2	2	5	11	1	0	0	1	8	17	3	2	6	3	1	5	5	2	2	
	15	1012.8	-	2.9	1.1	6.2	83	7.2	0	1	1	13	13	1	0	0	1	2	1	3	10	8	2	2	0	1	11	14	3	1	6	7	1	3	3	3		
	21	1013.5	-	1.4	0.6	6.0	89	6.2	2	3	3	4	16	1	0	1	0	3	1	5	6	9	3	1	0	1	8	16	4	1	7	6	0	4	3	2		
Binbrook 109m.	3	1012.9	-	1.0	0.4	6.1	92	5.6	4	2	6	3	12	2	0	1	1	2	1	4	9	5	5	1	0	7	19	3	2	4	4	2	4	4	5	1	1	
	9	1013.5	-0.9	1.4	0.6	6.0	89	6.9	0	1	3	13	11	1	0	1	0	3	3	2	10	5	3	2	0	0	8	19	2	2	6	4	2	3	4	5	1	
	15	1012.9	-	4.0	1.1	6.7	82	7.1	0	0	3	14	12	0	0	0	0	0	4	15	3	3	4	0	0	13	15	1	1	4	7	4	3	5	1	3		
	21	1013.5	-	1.8	0.6	6.3	90	5.3	4	3	4	9	9	0	0	0	1	1	2	2	10	6	6	1	0	1	8	17	3	0	6	8	2	4	4	1	1	
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
3 ENGLAND, E.																																						
Norfolk West Raynham 80m.	3	1012.7	-	0.8	0.4	6.0	92	5.8	4	2	3	4	15	1	0	2	0	1	4	5	8	8	1	0	0	7	22	0	2	10	6	1	1	3	6	0	2	
	9	1013.3	-1.3	1.1	0.4	6.1	92	7.0	0	1	3	12	12	1	0	3	1	2	1	5	6	9	2	0	0	9	19	1	1	9	5	4	1	2	5	4	2	
	15	1012.6	-	3.2	1.1	6.3	82	7.2	0	0																												

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

FEBRUARY,

1968

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														
																									34 or more	22-33	11-21	1-10	0										
Number of Observations																																							
4 MIDLAND COUNTIES —cont.	Finningley 14m.	3	1013.0	-	1.1	0.4	6.2	93	5.4	6	2	1	6	10	4	0	2	1	1	2	7	10	2	4	0	0	0	2	17	10	6	1	1	2	2	3	1	0	1
		9	1013.5	-0.8	0.9	0.4	6.0	92	6.3	0	4	1	15	7	2	1	2	0	4	3	8	7	4	0	0	0	0	6	12	11	6	1	3	1	3	2	2	1	
		15	1012.6	-	4.2	1.2	6.7	81	6.0	1	3	6	7	12	0	0	0	0	1	2	4	10	9	3	0	0	0	15	11	3	3	6	7	0	2	4	1	1	
	Northampton Wittering 67m.	21	1013.6	-	1.8	0.5	6.4	91	5.8	5	1	3	6	13	1	0	1	1	3	5	12	4	2	0	0	0	0	4	14	11	5	2	4	0	4	1	1	1	
		3	1012.9	-	0.8	0.5	5.9	90	5.7	3	3	2	9	10	2	0	0	2	1	0	2	7	7	3	0	0	0	5	23	1	5	4	6	1	0	4	6	2	
		9	1013.4	-1.8	0.8	0.4	6.0	91	6.8	0	1	3	12	9	4	0	3	2	3	4	5	6	4	2	0	0	0	7	17	5	2	7	2	2	2	2	5	3	
	Warwick Edgbaston 165m.	15	1012.5	-	3.6	1.2	6.3	79	6.9	0	0	5	10	13	1	0	1	0	1	2	5	7	9	4	0	0	0	13	16	0	0	2	5	2	2	2	5	3	
		21	1013.2	-	1.3	0.5	6.1	90	6.2	3	1	2	9	12	2	0	2	0	0	6	5	7	9	0	0	0	0	5	22	2	2	7	5	3	2	2	2	3	
		9	1014.0	-1.4	0.7	0.5	5.8	91	6.6	0	3	2	11	9	4	0	0	3	5	6	9	3	0	0	0	0	0	2	24	3	3	6	4	0	5	3	2	3	
	Elmdon 110m.	15	1012.8	-	3.1	1.4	5.9	78	6.3	1	2	5	11	10	0	0	0	0	4	4	3	10	6	2	0	0	0	7	22	0	2	5	7	3	5	3	2	2	
21		1013.7	-	1.4	0.6	6.0	89	5.5	4	4	2	7	10	2	0	0	1	4	3	7	11	2	1	0	0	0	2	27	0	1	4	12	1	4	2	3	2		
9		1013.1	-	-0.1	0.6	5.3	86	5.5	4	3	3	4	10	5	2	2	1	0	7	3	9	4	1	0	0	0	4	17	8	1	8	3	2	3	2	2	0		
Oxford Brize Norton 84m.	15	1013.5	-	0.6	0.3	5.7	89	6.8	0	2	2	11	8	6	0	2	3	4	7	7	3	0	0	0	0	0	5	18	6	4	5	3	3	4	1	1	2		
	21	1012.4	-	3.2	1.5	5.7	74	5.5	1	2	3	9	13	1	0	0	1	3	1	4	12	7	1	0	0	1	11	17	0	2	6	8	2	5	4	1	1		
	9	1013.3	-	0.8	0.5	5.8	89	5.2	5	4	2	6	9	3	1	0	2	2	6	8	8	2	0	0	0	0	4	19	6	1	9	4	2	1	2	3	1		
Shropshire Shawbury 76m.	3	1013.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1013.5	-	0.6	0.4	5.8	91	6.4	2	1	3	11	10	2	0	1	0	2	6	3	7	4	5	1	0	0	5	14	10	3	1	6	1	2	4	0	2		
	15	1012.3	-	3.8	1.3	6.3	78	6.2	0	3	4	11	10	1	0	0	0	2	1	6	9	6	3	2	0	0	8	19	2	1	6	7	1	5	2	2	3		
Hereford Ross-on-Wye 69m.	21	1013.4	-	0.9	0.5	5.9	90	5.5	5	1	5	6	9	3	0	3	0	2	3	4	9	1	6	1	0	0	0	6	18	5	0	5	6	9	0	2	5	0	
	9	1013.0	-2.6	1.1	0.6	6.0	90	6.9	0	1	3	9	13	3	0	2	1	8	1	8	3	5	0	0	0	0	6	18	5	0	5	6	9	0	2	5	0		
	15	1011.6	-	3.9	1.3	6.3	78	6.6	0	1	5	8	15	0	0	0	1	2	3	2	13	3	2	0	0	0	6	20	3	1	8	8	1	1	3	2	2		
Gloucester Filton 60m.	21	1012.7	-	1.5	0.6	6.1	88	5.1	5	5	1	4	12	2	0	2	0	0	4	3	11	4	5	0	0	0	2	25	2	2	11	6	1	1	3	3	0		
	3	1012.8	-	0.7	0.4	5.9	91	4.7	5	5	6	1	10	2	0	1	1	1	2	8	6	2	0	0	0	0	6	16	7	3	11	2	0	0	3	3	0		
	9	1013.1	-3.0	1.2	0.5	6.1	91	6.9	0	0	5	10	11	3	0	3	0	1	4	6	7	6	2	0	0	0	7	18	4	3	10	5	1	2	1	3	0		
Gloucester 24m.	15	1011.7	-	4.4	1.1	6.8	81	6.2	0	3	5	9	12	0	0	0	0	0	4	4	10	9	1	1	0	1	12	14	2	2	10	7	1	2	0	5	0		
	21	1012.6	-	2.1	0.6	6.3	88	4.2	7	5	3	6	7	1	0	1	0	1	5	4	11	6	1	0	0	0	8	17	4	4	12	4	0	0	1	4	0		
	9	1013.2	-	0.7	0.4	5.9	91	4.9	7	1	4	6	9	2	0	1	1	0	3	5	7	7	5	0	0	0	0	20	9	5	5	1	1	5	2	0	1		
Little Rissington 229m.	15	1013.5	-	1.4	0.6	6.1	89	6.6	1	2	2	11	10	3	0	0	2	2	5	5	8	4	3	0	0	0	2	19	8	7	4	2	1	4	2	1	0		
	21	1012.2	-	4.5	1.5	6.4	76	6.3	0	2	5	12	8	2	0	0	0	4	3	5	9	3	2	0	0	0	8	19	2	7	6	4	1	3	3	1	2		
	9	1013.0	-	2.0	0.7	6.2	87	4.8	7	3	4	1	11	3	0	1	2	1	6	2	14	0	3	0	0	0	3	20	6	7	8	3	0	0	5	0	0		
S ENGLAND, S.E.	15	1012.9	-	-0.2	0.3	5.6	93	5.3	4	4	3	5	11	2	0	3	2	1	2	2	8	6	4	1	0	0	6	20	3	4	8	5	1	0	4	4	0		
	9	1013.3	-2.3	-0.2	0.2	5.8	95	7.1	0	0	4	10	10	5	0	4	2	4	3	4	4	5	3	0	0	0	7	18	4	3	7	5	1	3	2	4	0		
	15	1011.9	-	2.3	1.0	6.0	82	6.8	0	1	4	10	10	4	0	5	0	0	2	1	7	10	3	1	0	1	11	13	4	1	9	6	1	1	3	2	2		
Greater London Heathrow 26m.	21	1012.9	-	0.7	0.5	5.8	90	5.0	4	6	4	1	12	2	0	3	2	0	1	4	9	7	3	0	0	0	8	17	4	3	11	5	0	0	1	4	1		
	3	1012.5	-	1.8	0.6	6.2	88	5.7	2	5	1	10	11	0	0	0	0	0	1	10	7	10	1	0	0	0	6	21	2	7	8	4	0	2	2	4	0		
	9	1013.0	-	1.9	0.6	6.2	87	6.6	1	2	3	8	13	2	0	1	1	0	2	12	6	6	1	0	0	0	9	18	2	5	7	5	1	3	2	4	0		
Kew 10m.	15	1012.0	-	4.9	1.7	6.4	73	6.1	2	3	2	8	14	0	0	0	0	0	3	3	9	13	1	0	0	0	14	15	0	4	10	5	1	4	3	1	1		
	21	1012.5	-	2.8	0.9	7.3	83	6.2	2	3	2	5	17	0	0	0	0	0	3	6	13	7	0	0	0	1	11	17	0	3	8	6	1	4	1	3	3		
	9	1013.0	-3.0	2.6	1.0	6.2	83	6.2	0	4	3	10	11	1	0	1	0	1	8	5	11	3	0	0	0	0	5	23	1	2	9	6	1	4	2	0	0		
Surrey Gatwick 59m.	15	1012.0	-	5.0	1.8	6.3	72	5.9	1	4	4	5	15	0	0	0	0	0	3	6	9	6	5	0	0	0	10	18	1	2	7	8	1	3	4	0	3		
	21	1012.6	-	3.2	1.1	6.2	80	5.9	3	2	3	6	15	0	0	0	0	1	2	4	14	6	2	0	0	0	10	19	0	1	9	7	2	4	1	2	3		
	9	1012.3	-	1.2	0.5	6.0	89	5.8	5	1	3	4	16	0	0	0	0	1	3	7	8	10	0	0	0	0	2	24	3	4	9	4	0	3	2	2	2		
Kent Dungeness 7m.	15	1012.9	-	1.3	0.5	6.1	89	6.0	1	3	4	6	13	2	0	2	0	1	5	7	5	9	0	0	0	0	3	21	5	2	10	4	1	2	3	2	0		
	21	1011.8	-	4.9	1.6	6.5	76	6.2	0	4	4	7	14	0																									

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS FEBRUARY, 1968

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	23-33	11-21	1-10	0									
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1013.1	-	-0.1	0.5	5.5	90	3.9	6	7	5	4	4	3	0	1	2	0	2	3	10	9	2	0	0	0	5	11	13	0	5	3	5	0	0	2	1	0
		9	1013.6	-	0.3	0.6	5.5	88	5.2	2	4	6	10	5	2	0	1	1	1	2	7	6	10	1	0	0	0	3	14	12	2	3	3	5	1	2	1	0	
		15	1012.7	-	4.1	1.7	5.9	73	5.5	0	6	6	10	7	0	0	0	0	1	0	5	7	10	5	1	0	0	0	5	17	7	1	4	6	3	2	1	4	1
		21	1013.7	-	1.1	0.8	5.7	86	4.8	5	3	6	6	7	2	0	2	0	0	2	8	7	9	1	0	0	0	0	3	17	9	0	5	8	3	2	1	1	0
		3	-	-	-3.9	0.1	4.4	94	6.5	5	0	1	0	4	19	8	11	0	0	0	0	2	3	5	0	0	0	0	4	12	8	5	0	6	4	2	3	5	2
Westmorland Great Dun Fell	—	9	-	-	-3.9	0.1	4.3	94	5.6	6	0	4	1	2	16	5	11	0	0	0	0	0	0	13	0	0	0	4	15	9	1	2	7	8	1	3	2	5	0
		15	-	-	-2.5	0.1	4.9	95	6.0	6	0	2	3	2	16	4	11	1	0	1	0	3	0	7	2	2	4	12	8	3	3	5	5	2	4	2	1	1	
		21	-	-	-3.6	0.1	4.5	94	6.0	7	0	0	1	1	20	10	10	0	0	1	0	0	2	6	0	0	4	12	8	3	3	5	5	2	4	2	1	1	
		3	1012.9	-	1.1	0.5	6.0	89	5.5	2	5	2	10	7	3	0	0	1	3	2	5	12	4	2	0	0	0	6	13	10	1	4	4	3	3	1	2	1	
		9	1013.1	-	1.0	0.6	5.8	88	5.9	2	3	2	13	7	2	1	1	0	3	6	7	6	3	2	0	0	0	10	12	7	2	5	3	6	2	1	2	1	
Lancashire Speke	26m.	15	1012.1	-	3.9	1.3	6.3	79	6.0	0	4	4	13	7	1	0	0	1	1	1	8	12	3	1	2	0	0	1	12	12	4	1	2	10	4	2	0	3	3
		21	1013.1	-	1.5	0.6	6.0	88	5.2	0	8	4	8	6	3	0	1	2	2	4	8	8	3	1	0	0	0	5	19	5	1	5	5	6	2	1	3	1	
		3	1012.9	-	0.7	0.6	5.7	89	5.2	3	6	3	5	7	5	0	3	0	1	4	2	9	6	4	0	0	0	4	18	7	1	5	6	1	5	1	3	0	
		9	1013.2	-1.4	1.1	0.6	5.8	87	6.0	1	5	0	12	9	2	0	2	1	1	3	12	5	5	0	0	0	0	7	17	5	0	5	4	3	6	3	2	1	
		15	1012.2	-	3.8	1.6	5.9	75	5.8	0	4	6	10	7	2	0	0	2	1	7	14	5	0	0	0	0	1	11	15	2	0	6	5	2	5	5	1	3	
21	1013.2	-	1.6	0.8	5.9	85	5.5	2	4	5	7	8	3	0	0	2	3	3	10	10	1	0	0	0	0	0	4	20	5	2	6	6	4	3	2	1	0		
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1012.3	-	2.5	0.9	6.2	84	4.0	7	6	2	9	5	0	0	0	0	1	2	4	13	9	0	0	0	3	9	14	3	1	4	11	1	2	2	3	2	
		9	1012.4	-1.9	2.7	0.9	6.2	84	5.7	2	2	7	10	7	1	0	0	0	1	1	1	9	9	7	1	1	1	9	16	2	2	3	12	1	4	1	2	2	
		15	1011.6	-	5.6	1.6	6.8	75	5.1	1	4	8	12	4	0	0	0	0	0	1	10	8	6	4	0	0	1	14	13	1	3	7	5	1	3	3	4	2	
		21	1012.5	-	2.8	0.9	6.4	85	4.2	3	7	6	10	3	0	0	0	0	0	1	2	11	7	8	0	0	2	12	11	4	2	7	6	2	2	1	3	2	
		3	1012.0	-	4.0	2.4	7.1	86	3.9	10	2	3	9	5	0	0	0	0	0	0	1	2	11	7	8	0	0	6	11	12	0	3	4	8	4	2	0	6	2
Caernarvon Bardsey Island	19m.	9	1012.1	-	3.9	2.7	7.0	86	5.5	0	4	8	9	8	0	0	0	0	1	0	1	9	17	1	1	1	3	13	10	2	1	1	13	3	4	0	2	3	
		15	1011.3	-	5.5	1.1	7.5	82	5.6	1	2	9	9	8	0	0	0	0	0	0	2	10	12	5	0	0	3	10	13	3	3	7	6	2	0	4	1		
		21	1012.0	-	4.5	0.9	7.2	84	4.0	10	2	5	4	8	0	0	0	0	0	0	3	12	11	3	0	0	2	11	15	1	5	5	9	1	2	0	3	3	
		3	1012.2	-	1.6	0.9	5.7	83	3.4	7	9	4	3	6	0	0	0	0	1	1	10	8	4	5	0	0	1	14	13	1	0	4	7	5	7	1	3	1	
		9	1012.3	-2.8	1.8	0.9	5.8	83	5.0	4	5	3	9	8	0	0	0	0	1	0	2	7	10	3	6	0	0	3	12	12	2	1	3	5	5	10	1	1	1
Pembroke Milford Haven C.B.	39m.	15	1011.0	-	4.9	1.8	6.3	72	5.4	2	3	6	13	5	0	0	0	0	1	0	9	10	6	3	0	0	1	17	11	0	2	6	9	0	5	0	5	2	
		21	1012.3	-	2.6	1.1	5.9	80	3.7	6	7	8	2	6	0	0	0	0	0	0	13	8	4	4	0	0	2	10	16	1	1	3	9	5	3	2	5	0	
		3	1012.1	-	3.0	1.0	6.3	83	3.4	8	8	3	3	7	0	0	0	0	0	0	15	8	6	0	0	0	1	16	10	2	0	8	10	2	0	2	3	2	
		9	1012.2	-	2.9	0.8	6.5	86	5.5	4	2	3	10	10	0	0	0	0	0	3	19	3	4	0	0	0	2	13	13	1	1	10	11	1	1	1	2	1	
		15	1011.2	-	5.8	1.8	6.8	73	5.4	2	3	8	9	7	0	0	0	0	0	1	17	7	4	0	1	1	15	11	1	2	4	9	5	0	3	2	3		
Glamorgan Mumbles	37m.	21	1012.1	-	3.7	1.2	6.4	80	3.4	12	4	2	1	10	0	0	0	0	0	0	16	8	5	0	0	0	2	11	12	4	2	8	8	1	1	1	2	2	
		3	1011.9	-	3.0	1.2	6.1	80	4.1	9	3	4	4	9	0	0	0	0	0	1	11	10	6	1	0	0	6	14	8	1	0	7	13	1	1	0	5	1	
		9	1012.2	-	3.0	1.1	6.2	81	5.6	1	6	4	7	11	0	0	0	1	0	1	16	6	4	1	1	1	4	16	8	0	2	9	11	1	2	1	1	2	
		15	1011.0	-	5.0	1.6	6.5	74	5.6	3	5	6	12	0	0	0	0	0	2	19	5	2	1	0	0	7	15	6	1	3	3	15	1	1	1	3	1		
		21	1011.8	-	3.5	1.2	6.3	79	2.9	12	5	4	4	4	0	0	0	0	0	5	10	9	4	1	0	0	4	14	11	0	1	10	10	0	0	5	3		
Rhoose	69m.	3	1012.4	-	1.0	0.5	5.9	89	4.2	8	4	2	6	8	1	0	1	0	1	0	7	5	6	9	0	0	0	10	18	1	0	9	12	0	0	3	1	3	
		9	1012.5	-3.5	1.7	0.6	6.1	89	5.9	1	3	6	9	9	1	0	0	1	1	4	6	4	9	0	0	0	0	11	15	3	0	8	12	0	2	0	2	2	
		15	1011.3	-	4.2	1.3	6.5	78	6.0	0	4	13	8	9	0	0	0	0	1	2	4	10	6	4	2	0	1	19	7	2	0	6	14	0	1	0	3	3	
		21	1012.3	-	2.1	0.7	6.2	86	4.1	6	7	3	3	8	9	1	0	0	2	2	4	6	6	5	2	0	0	15	12	2	1	8	11	0	1	0	3	3	
		8b ENGLAND, S.W.																																					
Somerset Yeovilton	23m.	3	1012.5	-	0.7	0.5	5.9	91	4.8	7	3	3	4	11	1	0	2	0	2	1	10	14	0	0	0	0	0	4	17	8	1	8	6	0	2	1	3	0	
		9	1012.8	-	0.9	0.4	6.1	91	5.6	2	3	5	8	11	0	0	1	0	2	5	6	7	8	0	0	0	0	5	13	11	0	8	4	2	0	1	1	2	
		15	1011.7	-	5.2																																		

TABLE VIII—NUMBER OF DAYS IN FEBRUARY, 1968
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	4	17	8	0	0	0	0	0	0	0	2	13	14	0	0	0	Edgbaston	1	23	5	0	0	0	0	0	0	0	0	0	13	16	0	0	0
Stornoway	0	12	17	0	0	0	0	0	0	0	2	13	14	0	0	0	Kew	0	9	20	0	0	0	0	0	0	0	0	0	7	20	2	0	0
Craibstone	0	22	7	0	0	0	0	0	0	0	0	21	8	0	0	0	Hastings	0	9	20	0	0	0	0	0	0	0	0	9	19	1	0	0	
Rothsay	0	19	10	0	0	0	0	0	0	0	0	12	17	0	0	0	Southampton	0	7	22	0	0	0	0	0	0	0	0	17	11	1	0	0	
Abbotsinch	0	18	11	0	0	0	0	0	0	0	8	10	11	0	0	0	Stonyhurst	0	20	8	1	0	0	0	0	0	0	3	19	7	0	0	0	
Eskdalemuir	2	26	1	0	0	0	0	0	0	1	13	9	6	0	0	0	Bidston	0	26	3	0	0	0	0	0	0	0	13	16	0	0	0	0	
Douglas	-	-	-	-	-	-	-	-	0	0	0	12	17	0	0	0	Valley	0	6	23	0	0	0	0	0	0	0	7	20	2	0	0	0	
Acklington	0	18	11	0	0	0	0	0	0	0	1	18	10	0	0	0	Falmouth	0	13	16	0	0	0	0	0	0	0	3	17	9	0	0	0	
Gurleston	0	21	8	0	0	0	0	0	0	0	0	8	21	0	0	0	Aldergrove	0	13	16	0	0	0	0	0	0	0	3	17	9	0	0	0	
Cambridge	0	17	12	0	0	0	0	0	0	0	1	18	10	0	0	0	Armagh	0	11	18	0	0	0	0	0	0	0	2	21	6	0	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, FEBRUARY, 1968

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	234	29	10	4	101.0	29	105	24	10	4	58.9	29	223	28	12	4	101.6	29
Eskdalemuir	299	23	32	4	151.2	29	156	29	48	4	91.2	29	271	27	22	4	132.5	29
Cambridge	321	25	21	9	106.0	27	137	26	21	9	79.5	27	-	-	-	-	-	-
London/ W Centre	241	25	15	14	101.4	29	111	18	18	14	71.9	29	241	27	23	14	109.2	29
Kew	264	27	10	10	109.4	27	124	25	11	10	76.3	27	281	27	13	10	118.5	27
Bracknell	280	27	18	14	123.2	29	275	25	19	14	97.7	29	296	27	23	21	134.6	29
Aberporth	316	28	40	14	161.6	28	123	17	41	14	88.8	28	-	-	-	-	-	-
Aldergrove																		

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Temp. 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		Daily Mean (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 Frosty	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more															
1967	June	Whitby			16.2	(8.4)	12.3	-	21.7	18, 19	2.2	2	-	-	(16)	(35)	8	25	5	3	0	0	0	0	0	1	0	-	0	-	-	-	
	September	Dovercourt																															
	October	Silpho Moor			11.7		8.7						9.4		88	160			(18)	(15)													
		Cleethorpes													92	180	19	16	22	16													
		Skegness																															
		Terrington St. Clement													(152)	-	30	16	21	19													
		Brooms Barn																															
		Luton																															
		Letchworth																															
		Bramham																															
		Birmingham KES													117	160	36	16	20	14													
		Gillingham			15.6	8.9	12.3	-	20.0	8	3.3	30	-	-	84	133	15	16	16	15													
		Corwen			-	-	-	-	-	-	-	-	-	-																			
		Ilfracombe			14.4	10.4	12.4	+0.1	17.8	9	5.6	29, 30	13.3	14.7	286	258	45	16	28	28	0	0	0	0	0	0	0	0	2	2.20	67	-	-
		Portrush													132	133	28	30															
		Pickering					9.7																										
		Houghall			8.7		4.6	-1.3							(94)	(138)			(15)	10										(2.26)	(133)		
		Redcar			9.4		6.0																										
		Whitby C. G.				2.6	5.4				-3.0	27																					
		Skegness													43	73	9	4	12	10													
		Coltishall																						0	1								
		Boxworth			8.4	1.6	5.0				-6.7	18			52	98			17	10													
		Monkswood			8.4		5.1																										
		Luton			(8.7)	(2.5)	(5.6)																										
		Stansstead Abbots			-	-	-																										
		Malham Tarn			5.8	0.5	3.1		10.0	30					48	55	18	1	15	10	-	-	-	-	-	-	10						
		Lyonshall			7.9	2.3	5.1	-1.2	13.9	11	-3.3	18	-	-	74	68	18	1	19	15	0	0	0	0	0	0	0	7	-	2.53	134	-	-
		Ilfracombe			10.3	5.8	8.1	-1.3	12.8	10, 11	1.7	18	8.5	12.1	180	-	29	2	18	18	-	-	-	-	-	-	-	-	-	-	-	-	-
		Princetown			-	-	-	-	-	-	-	-	-	-	81	95	17	28	22	19	-	-	-	-	-	-	-	16					5
		Glenmore Lodge			4.8	-1.2	1.8	-0.4	11.4	21	-11.7	20	-	-																			
		Ushaw				0.5	3.4	-0.4																									
		Clee Hill													83		16	18	17	14													
		Preston Wynne													78	130	14	22	17	14													

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1:
423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1:
109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by KeySwift Ltd., Edgware. Dd. 133112 K.12. 6/68. Cp. 1708. 72-7-68-2.

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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



Volume 85 Number 3

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968

March 1968 — *Dry in the South, wet in the North*

An anticyclone to the west and south-west of the British Isles dominated the weather pattern until the 12th. From then until the 25th weather was generally cyclonic in character, after which it became anticyclonic in the south but continued cyclonic in the north.

The first two days were generally dry but cold after widespread night frosts. On the 3rd an anticyclone in the western Atlantic intensified as it moved eastwards to become centred off south-west Ireland on the 4th and 5th. Weather was generally dry and sunny during these three days but troughs farther north gave some rain in Scotland. An airstream from the Atlantic moving round the northern and eastern sides of the anticyclone off south-west Ireland brought freshening north-westerly winds and a general rise of temperature on the 4th; gales in Scotland on the 5th were associated with the movement south-eastwards of deepening depressions from the Faroes towards southern Scandinavia.

The next two days were colder as winds everywhere veered to the north following the north-westward movement of the anticyclone which, on the 6th, became slow-moving about 500 nautical miles to the west of the British Isles. Gales, and snow showers spread from Scotland to all eastern districts of England as a deep depression formed over the southern Baltic. The snow showers continued throughout the night of the 6th and for much of the 7th.

A ridge of high pressure moving southwards over the country on the 8th brought a resumption of dry sunny weather and a general rise in temperature. Light frontal rain moving round the periphery of the now declining anticyclone reached Scotland on the 9th. Although this rain spread to many Midland and eastern districts on the 10th, and persisted in the extreme east on the 11th, there were good sunny periods, especially in south-east England, from the 9th to the 12th.

The Atlantic anticyclone then drifted away south-westwards, and a cold front moving steadily southwards over the country on the 13th brought Chivenor its first measurable rain for 28 days. This was the beginning of about 12 days of unsettled, often stormy, weather as a series of vigorous troughs, associated with deep depressions to the north of Scotland, moved eastwards across the British Isles. Winds reached gale force in many parts of the country from the 16th to the 23rd. On the 17th widespread gales, occasionally reaching storm force, were accompanied by snow and hail in the north, and snowdrifts blocked many roads in Scotland. Duststorms occurred in parts of East Anglia on the 17th and 18th.

From the 24th until the 29th weather continued generally unsettled with heavy rain at times in Scotland, Northern Ireland and the extreme north of England. The wettest day was the 26th when rainfall exceeded 100 mm in many places in north and west Scotland; Glen Etive recorded 164 mm and Kinlochewe 159 mm. On the other hand, central and southern England came under the influence of a large anticyclone over France and Germany during this time. Winds backed to south, and afternoon temperatures reached unusually high values for the time of year; on the 29th East Dereham reported a maximum of 24.9°C almost equalling the highest previously recorded March temperature for the United Kingdom. Night frost led to a diurnal range of temperature at many places of more than 20 deg C; at Cardington a range of 25 deg C was recorded. Winds in the south veered to north-west on the 30th, and during the last two days of the month temperature was about average and there was rain at times.

Pressure and Wind — Mean pressure was generally above average in the south-west, but below in the north and east, the difference from average at 0900 GMT ranging from +4.6 mb at Scilly to -9.0 mb at Lerwick. Surface winds, light and variable at first, were mostly north-westerly from the 3rd to the 12th (except for northerlies on the 6th and 7th) and thereafter mainly between west and south-west until the end of the month although southerlies predominated in southern England from the 27th to the 29th. Gales were reported on 17 days and were widespread from the 16th until the 19th. Great Dun Fell reported a gust of 75 kt on the 16th.

Temperature — Mean temperature was about average in the west, but above average in eastern districts. The month began rather cold, but there was an unusually warm spell in the south from the 27th to the 29th.

Extremes included: (England and Wales) 25.0°C at Santon Downham and Cromer on the 29th, -9.4°C at Moor House on the 1st; (Scotland) 16.1°C at Banff, Elgin and Lossiemouth on the 27th, -7.8°C at Cairngorm on the 17th, Balmoral and Buddon Ness on the 21st; (Northern Ireland) 17.2°C at Armagh on the 28th, -5.0°C at Lisnaffillan on the 1st and 3rd.

Rainfall — Rainfall was generally above average in the north and west, but below in the south and east. In Scotland, while some places in the east had only half their March average, large areas in the north and west had more than twice their average, and three times the average was reported from some places. Rainfall was also above the average over Northern Ireland, north-west England and over most of Wales. Over most of England, apart from the north-west, rainfall was below average, and was less than 50 per cent of the average in the south Midlands and in coastal areas from Devon to Kent.

Thunder was heard on 8 days in Scotland and on 14 days in England and Wales. Thunderstorms were widespread in eastern England on the 15th and in Scotland on the 17th.

Snow or sleet (rain or drizzle with snow) fell in Scotland during the first few days and again during the second fortnight but did not lie to any great extent, except around the 17th when ground was snow-covered to a depth of 15 cm over a wide area. In England and Wales snowfall was mainly confined to the 6th/7th and 14th to 22nd.

Sunshine — In Scotland sunshine was generally below average except for small areas in the Central Lowlands and near the east coast. In north and west Scotland several places had their dullest March for 20 years. In England and Wales sunshine was generally below average in the north and west but above in the south and east. Percentages ranged from 53 at Newton Rigg to 195 at West Malling.

Fog — Fog at 0900 GMT was less frequent than usual and very localized. It was reported from one place or another on 8 days in Scotland and on 16 days in England and Wales.

Miscellaneous Phenomena — The aurora was seen in Scotland on 12 nights.

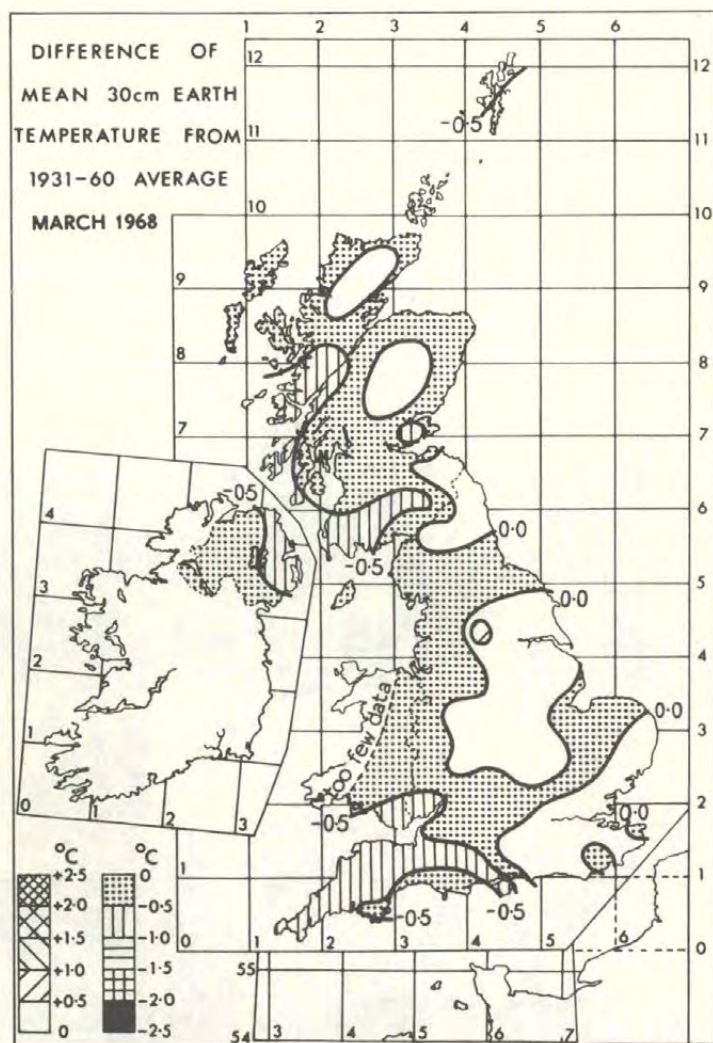
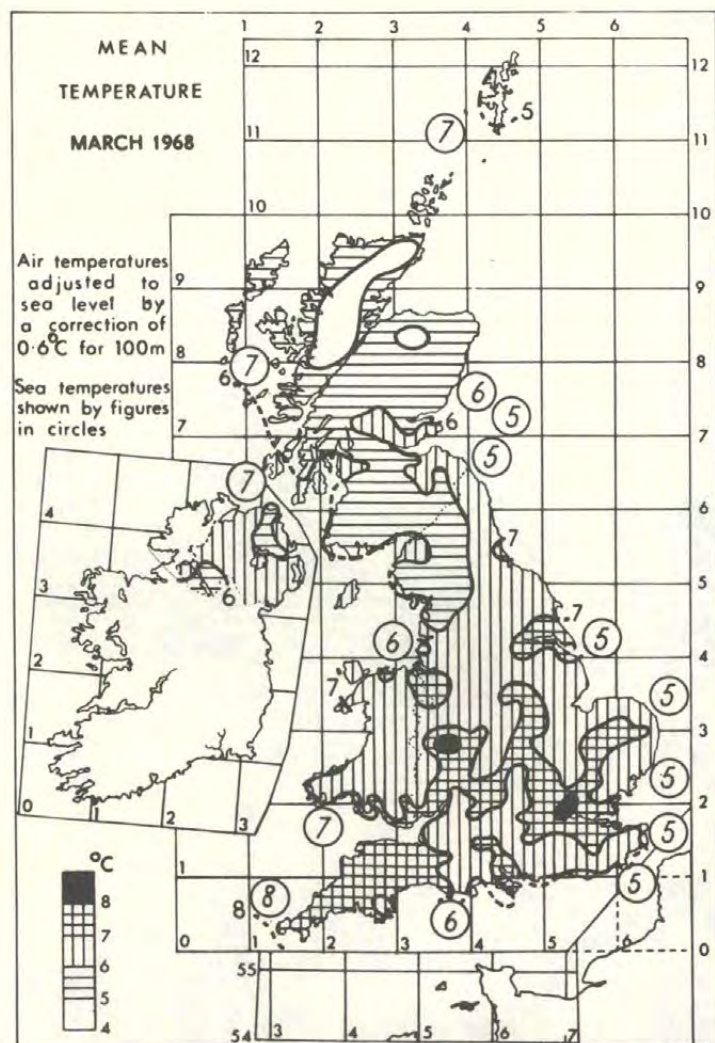
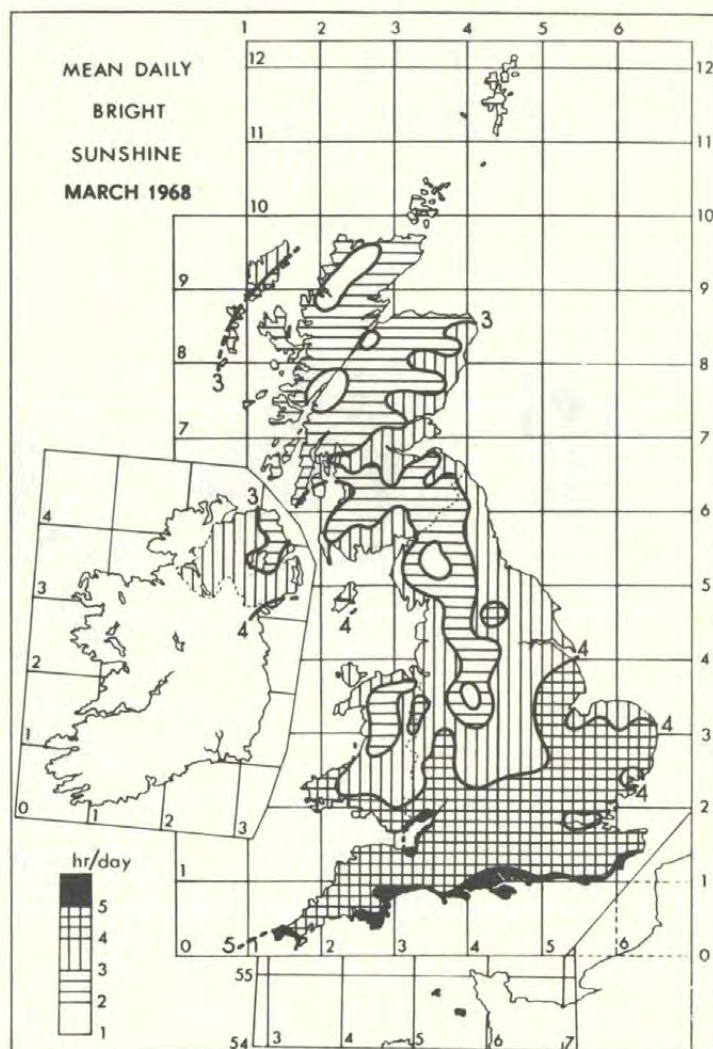
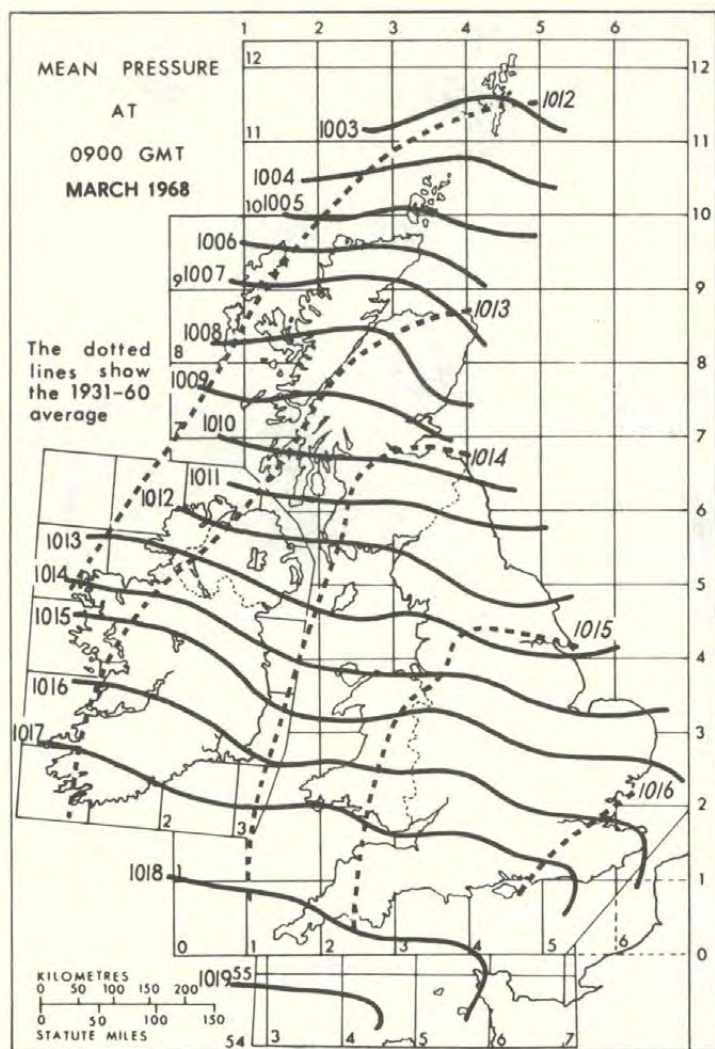
TABLE I—DISTRICT VALUES, MARCH, 1968

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.	13.3	-2.5	+0.3	-0.2	0.0	-0.2	-0.2	+5	155	81
1 SCOTLAND, E.	14.4	-2.2	+0.5	+0.5	+0.5	-0.1	-0.5	0	98	91
2 ENGLAND, N.E.	22.0	-3.3	+1.4	+0.6	+1.0	0.0	-0.1	-1	83	105
3 ENGLAND, E.	23.9	-2.2	+0.9	+0.9	+0.9	+0.1	-0.1	0	61	107
4 MIDLANDS	23.9	-2.6	+0.6	+0.8	+0.7	0.0	-0.3	0	96	112
5 ENGLAND, S.E.	20.7	-3.5	+0.5	+0.8	+0.7	-0.1	-0.3	0	56	131
6 SCOTLAND, W.	13.9	-6.1	+0.1	+0.2	+0.1	-0.3	-0.5	+2	160	96
7 ENGLAND, N.W. and N. Wales	19.0	-4.8	0.0	+0.4	+0.2	0.0	-0.4	+1	140	85
8 ENGLAND, S.W. and S. Wales	21.1	-4.4	+0.2	-0.1	0.0	-0.4	-0.4	-2	84	112
N. IRELAND	17.2	-4.9	+0.1	-0.3	-0.1	-	-	+1	126	95
SCOTLAND	14.4	-6.1	+0.3	+0.2	+0.2	-	-	+2	147	89
ENG. and WALES	23.9	-4.8	+0.6	+0.6	+0.6	-	-	0	98	109

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— MARCH, 1968

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	No Record	Veers from N	Speed in knots	Hour ended at day hour	Veers from N	Speed in knots			Day and Time					
8	Zetland	Lerwick	93	10	10	5, 12, 15-18, 26, 27	21	19	194	267	208	54	0	15.4	190	39	16	12	330	62	5 1700	
	Orkney	Kirkwall	41	15	10	4-6, 16-18	40	20	172	332	163	37	0	16.6	290	40	5	13	290	64	5 1150	
	Caithness	Dounreay	34	12	9	5, 17, 18, 23	16	23	192	420	96	5	15	17.5	300	39	18	07	300	58	18 0650	
		Wick	45	10	10	5, 18	8	17	123	380	205	28	0	14.9	280	38	5	12	280	56	5 1010	
	Sutherland	Shin	24	10	10	-	0	6	39	254	270	176	5	9.0	250	29	17	09	260	53	17 1105	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	5, 14, 16, 17, 26	34	19	190	368	97	55	0	17.6	200	42	26	11	240	70	17 1405	
		Duirinish	38	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness	Benbecula	16	10	10	16, 17	21	17	130	409	133	51	0	15.5	250	42	17	09	260	70	17 1125	
		Corrach	23	15	12	5, 16, 17, 26, 27	34	13	66	249	227	156	12	11.5	170	40	17	17	170	74	16 1325	
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	2	5	193	292	254	0	6.9	220	26	16	09	220	45	26 1040	
		Dalcross	21	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Cairngorm	1074	9	9	4, 5, 13, 16-18, 22, 23, 25-28	117	22	195	274	70	43	45	21.9	-	59	26	21	-	88	27 1900	
1	Moray	Kinloss	17	13	13	5	2	14	132	373	188	49	0	14.4	280	35	5	14	280	56	5 1330	
		Lossiemouth	31	24	18	5	1	14	115	378	183	67	0	13.8	340	35	5	22	340	57	5 2105	
	Aberdeen	Dyce	71	9	9	5	1	12	76	392	204	71	0	12.9	330	34	5	23	300	53	18 0955	
	Angus	Bell Rock	39	40	38	5, 6, 16, 17, 26, 27	43	22	176	314	151	60	0	16.8	260	40	17	11	260	55	17 2005	
	Perth	Rannoch	307	17	17	16, 17	3	15	157	284	190	94	16	13.7	260	38	17	18	250	60	17 1720	
		Tummal Bridge	161	16	16	-	0	4	11	202	357	168	6	7.7	270	25	27	13	230	51	16 1335	
	Fife	Leuchars	24	12	12	-	0	13	116	355	226	47	0	13.5	290	32	5	12	290	52	5 1125	
	West Lothian	Forth Road Bridge...	72	9	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Midlothian	Turnhouse	42	12	10	16	2	9	92	301	284	65	0	12.3	250	35	16	18	260	59	17 1410	
6a	Argyll	Tiree	27	18	14	16-18, 22, 23, 26, 27	46	19	161	369	100	68	0	17.1	250	43	17	17	270	83	17 0415	
	Dumfries	Cumbernauld	166	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Paisley	57	25	9	-	0	3	12	232	327	173	0	8.4	290	24	16	18	300	62	16 1725	
		Abbotsinch	16	10	10	-	0	6	68	337	264	75	0	11.9	240	33	17	13	230	56	17 1240	
	Lanark	Lowther Hill	738	13	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ayr	Hunterston	13	9	9	16, 17	4	9	77	306	218	121	18	11.9	-	40	16	18	240	57	17 0920	
		Prestwick	21	10	10	16, 17	5	6	45	346	257	91	0	11.5	260	37	16	19	260	68	17 1650	
	Dumfries	Chapelcross	94	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Eskdalemuir	851	33	33	5, 27	8	17	148	267	203	118	0	13.1	310	38	5	18	310	61	5 1800	
	Wigtown	West Freugh	25	10	10	5	2	9	61	395	220	66	0	12.1	320	38	5	19	320	60	5 1805	
5b	Isle of Man	Ronaldsday	25	10	10	17	3	21	161	352	200	28	0	15.3	250	35	17	14	250	57	17 1145	
		Point of Ayre	20	10	10	6, 16-18, 23	21	20	168	394	139	22	0	16.9	240	37	17	23	230	77	16 1720	
2	Durham	Durham	119	16	10	-	0	9	92	276	217	159	0	11.3	260	33	16	18	270	59	16 1650	
		South Shields	33	17	13	6	6	6	58	288	313	79	0	11.2	350	35	6	18	330	58	6 0150	
	Yorks, N.R.	Leeming	42	10	10	6, 17, 18	5	13	118	289	270	62	0	13.0	260	35	17	23	010	52	6 1010	
		Middlesbrough	23	19	19	6, 26	21	18	141	375	186	21	0	15.8	340	43	6	17	350	66	6 1920	
		Silpho Moor...	207	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Yorks, E.R.	Leconfield	18	10	10	6	5	11	97	293	294	55	0	12.6	360	38	6	16	360	57	6 1550	
	Lincoln	Cranwell	88	14	14	-	0	7	30	220	329	165	0	8.7	240	32	20	11	230	51	20 0945	
		Binbrook	118	10	10	6, 18, 20, 23	12	16	184	368	169	11	0	16.6	340	42	6	16	350	65	6 1545	
		Manby	26	10	10	6, 20	3	13	119	375	239	8	0	14.3	350	37	6	16	360	58	6 1555	
3	Norfolk	Gorleston	16	13	13	6, 7	14	11	136	366	194	22	12	14.8	360	41	6	19	350	55	6 1630	
	Suffolk	Mildenhall	30	25	18	-	0	9	83	296	301	64	0	12.0	250	32	20	12	360	62	6 1550	
	Bedford	Bedford	98	13	9	6	2	11	103	330	291	18	0	13.6	340	34	6	18	340	59	6 1755	
		Cardington	69	41	41	18	2	16	156	331	238	17	0	15.2	270	34	18	13	360	57	6 1745	
	Hertford	Garston	94	15	10	-	0	4	5	231	417	91	0	8.9	250	26	18	12	340	46	6 1750	
		Rothamsted	141	13	10	-	0	3	7	260	437	40	0	9.8	220	26	23	24	220	48	23 2355	
	Essex	Stansted	107	9	9	-	0	4	19	332	320	73	0	10.4	330	28	6	17	330	54	6 1640	
		Coryton	20	17	15	-	0	4	8	321	313	44	58	10.7	320	27	6	17	340	56	6 1650	
		Shoeburyness	36	32	28	6, 16, 23	12	13	172	407	139	12	2	16.2	330	38	6	17	330	67	6 1645	
4	Yorks, W.R.	Sheffield	162	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Church Fenton	18	10	10	6, 17, 18, 20	11	13	113	269	322	29	0	13.4	240	37	20	11	250	60	18 0140	
	Warwick	Edgbaston	196	36	22	-	0	8	19	334	382	9	0	10.9	340	24	6	20	250	44	16 2145	
		Elmdon	106	9	9	-	0	13	98	369	258	19	0	13.5	200	31	23	24	220	57	20 0755	
	Buckingham	Amersham	152	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Stafford	Keele	215	15	10	-	0	7	21	330	315	78	0	10.7	210	28	20	09	220	55	20 0845	
	Worcester	Pershore	47	10	10	-	0	14	152	310	202	80	0	13.8	210	33	24	01	240	59	20 0750	
5	Greater London	London/W. Centre	93	70	38	-	0	9	33	428	271	12	0	12.7	220	28	23	17				



RAINFALL

MARCH 1968

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

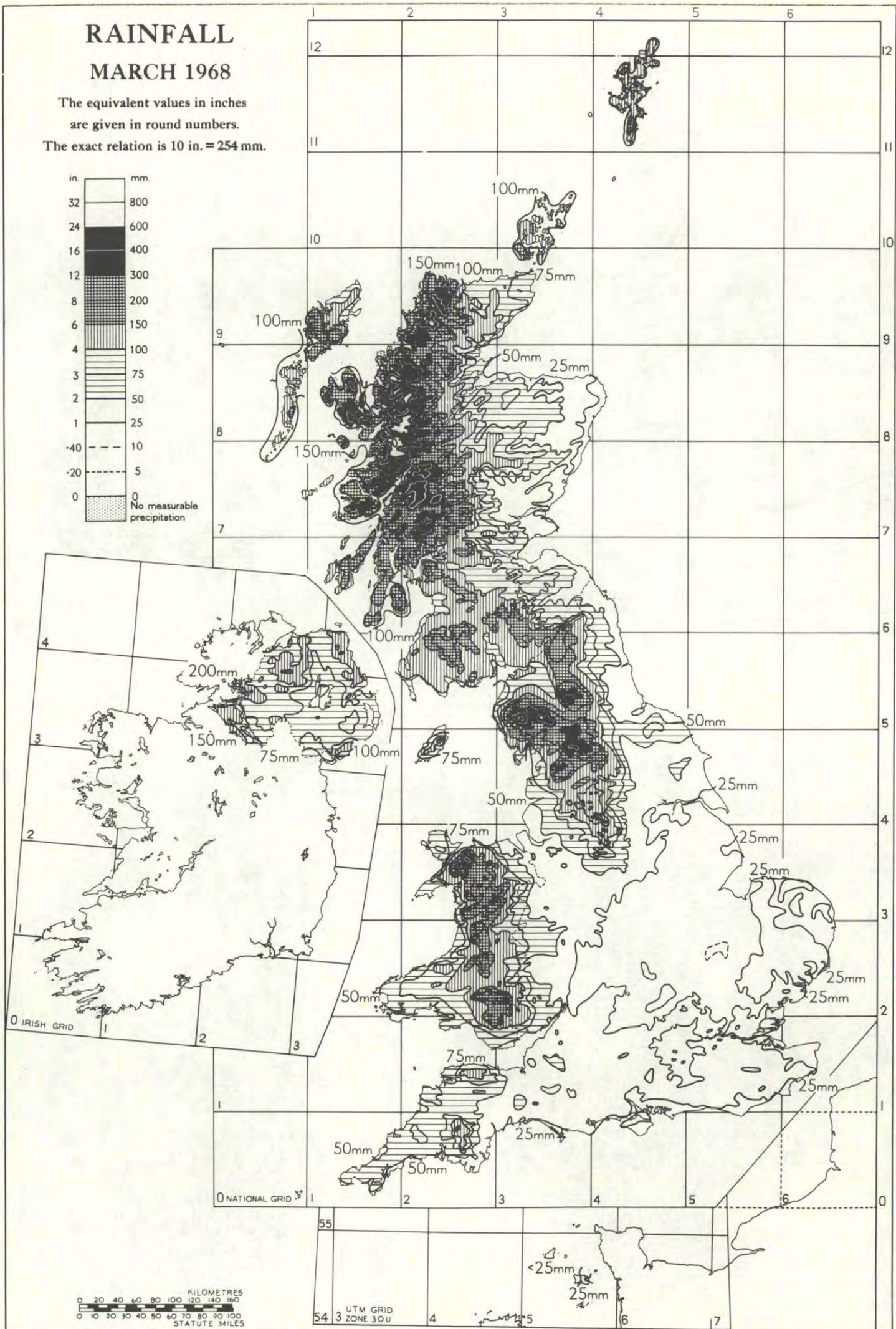
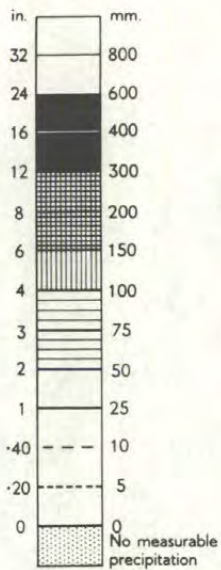


TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1968

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		Daily Mean (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-50 average	Amount (mm.)	Date	Precip'n 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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	30 cm.	122 cm.																				
1 SCOTLAND, E.—cont.																																	
Midlothian	Davidson's Mains	99	61	9.3	2.4	5.9	+0.6	15.0	28	-2.2	21	4.0	-	52	127	10	16	12	9	4	1	0	2	1	1	4	18	-	1	2.99	-	S	
—cont.	Penicuik ...	99	189	8.4	1.2	4.8	+0.4	13.9	28	-3.9	1	3.8	-	78	130	18	16	12	10	5	3	3	0	1	0	10	22	-	1	3.04	-	-	
	Bush House	99	184	8.4	1.0	4.7	-	13.3	28	-3.3	1,21	3.6	3.4	76	131	16	16	14	11	2	6	0	0	0	0	13	22	-	0	3.54	-	-	
	Edinburgh—																																
	„ Blackford Hill	99	134	9.3	2.7	6.0	+0.8	14.4	28	-1.7	1	-	-	45	110	10	16	13	10	-	1	-	-	-	0	3	15	-	-	3.47	97	-	
	„ Royal Bot. Gdns.	99	23	9.6	2.4	6.0	+0.6	15.0	28	-2.2	3,21	4.3	-	49	126	10	16	12	9	3	0	0	0	0	0	4	22	-	0	3.14	100	-	
E. Lothian	Haddington ...	99	49	9.6	2.4	6.0	-	14.4	28	-2.8	1	-	-	44	107	9	16	13	10	3	0	0	0	1	0	5	15	-	2	2.95	-	S	
	Dunbar ...	99	23	9.4	2.1	6.3	+0.8	14.4	28	-0.6	3	-	-	35	92	8	17	11	7	1	0	0	0	0	0	1	12	-	0	3.87	107	-	
Berwick	Mertoun ...	99	69	9.3	1.7	5.5	-	14.4	28	-3.3	9,21	-	-	58	-	11	19	14	8	2	-	0	0	0	-	8	18	-	0	2.72	-	-	
	Lauder ...	99	183	8.5	1.0	4.7	-	12.8	11,28	-2.8	21	-	-	72	-	16	17	14	12	6	2	0	0	0	0	11	23	-	0	3.29	-	-	
	Marchmont ...	99	152	8.2	2.0	5.1	+0.4	12.8	28,30	-2.2	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2.86	91	S	
	Whitchester ...	99	255	7.7	1.2	4.5	-	12.8	29	-3.3	21	-	-	65	120	14	16	16	10	9	3	1	0	0	-	11	-	-	-	-	-	-	
	St. Abb's Head ...	99	75	8.4	3.0	5.7	-	12.6	28	-1.0	18	-	-	-	-	-	-	-	-	-	-	-	-	-	0	3	4	-	4	-	-	-	
Peebles	Stanhope Farm ...	99	226	7.8	1.0	4.4	-	13.3	28	-5.0	1	-	-	118	162	27	16	15	11	6	3	0	0	0	0	9	21	-	0	-	-	-	-
	Blyth Bridge ...	99	253	7.8	1.0	4.4	-	13.3	28	-2.8	1,3	-	-	82	141	18	17	14	12	9	6	0	3	0	0	12	22	-	1	2.65	-	-	-
	West Linton ...	99	244	8.1	-0.1	4.0	-	(13.3)	28	-3.3	1,21	2.8	3.3	86	134	16	16	17	12	6	5	0	0	0	0	20	21	-	0	-	-	-	-
	Glenstress ...	99	177	9.1	1.3	5.2	-	15.6	28	-3.9	3	-	-	59	120	12	16	11	10	-	2	-	-	-	0	10	-	-	-	-	-	-	-
Selkirk	Bowhill ...	99	183	8.6	1.7	5.1	-	13.3	28	-3.9	1	-	-	74	130	18	16	13	10	6	1	0	0	2	1	8	-	-	3	-	-	-	-
	Galashiels ...	99	198	7.9	1.7	4.8	-	12.8	28,29	-2.8	1,21	-	-	67	-	14	17	14	11	6	1	0	1	0	1	8	11	-	1	3.16	-	-	-
Roxburgh	Wauchope ...	99	171	8.2	1.0	4.6	-	13.9	28	-4.4	1	-	-	98	161	23	17	17	13	3	6	2	0	1	0	11	-	-	2	-	-	-	-
	Kelso ...	99	35	9.6	2.1	5.9	-	13.9	28	-3.3	21	-	-	48	-	8	23	11	7	2	1	0	2	0	0	7	18	-	0	2.77	-	-	-
	Sourhope ...	99	274	7.7	1.3	4.5	+0.6	13.3	28	-3.9	1	-	-	55	-	8	31	17	11	5	1	0	1	0	0	11	18	-	1	2.46	-	-	-
6a SCOTLAND, W.																																	
Argyll	Tiree ...	21-9	9	8.5	3.7	6.1	-0.2	10.2	26	-0.3	21,22	-	-	101	153	21	26	24	29	3	0	3	9	0	0	2	13	-	6	2.54	68	-	-
	Rhuvaal ...	21-9	20	8.3	3.6	5.9	-	13.0	27	0.2	20,21	-	-	155	185	33	26	23	19	5	0	5	2	2	0	0	7	-	3	-	-	-	-
	Colonsay ...	99	27	8.4	2.8	5.6	-0.5	11.7	27	-1.7	2,7	-	-	142	180	29	26	28	18	7	-	4	0	0	1	3	-	-	2	-	-	-	-
	Aros ...	99	37	8.7	1.8	5.3	-	11.1	27	-2.8	16	-	-	208	-	57	26	27	22	5	1	2	2	0	0	11	15	-	4	-	-	-	-
	Craighouse ...	99	3																														
	Machrihanish ...	21-9	10	8.8	3.5	6.1	-	13.3	27	-2.5	7	-	-	123	-	21	31	20	16	3	0	0	7	2	0	3	13	-	4	2.95	-	-	-
	Campbeltown ...	99	3	9.3	3.3	6.3	-	13.9	27,28	0.0	7,22	-	-	133	-	22	17	18	14	7	0	0	0	0	9	0	-	-	0	3.21	-	-	-
	Polloch ...	99	15	8.7	1.3	5.0	-	12.2	27	-3.9	7	-	-	252	-	70	26	25	23	-	-	-	-	-	-	8	20	-	-	-	-	-	-
	Achaglachgach ...	99	12	9.3	1.7	5.5	-	12.2	28	-2.2	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	17	-	0	-	-	-	
	Knapdale Forest ...	99	40	8.4	1.4	4.9	-	11.1	27	-3.3	7,8	-	-	173	-	39	26	24	18	5	0	3	0	3	0	12	20	-	2	-	-	-	-
	Glenbranter ...	99	24	8.2	1.7	4.9	-	11.7	27	-3.3	7	-	-	242	-	62	26	25	21	-	0	-	-	-	1	10	18	-	-	-	-	-	-
	Glen Etive ...	99	24	8.4	2.0	5.2	-	12.8	8	-2.8	2,16	-	-	429	-	164	26	27	25	2	0	1	0	0	-	6	11	-	0	-	-	-	-
	Benmore Y.B.G.*	99	12	8.8	2.3	5.5	-	12.8	8	-2.8	7	-	-	219	137	42	26	25	20	7	0	3	2	1	0	7	23	-	0	-	-	-	-
Bute	Kildonan ...	21-9	18	8.5	3.8	6.1	-	11.5	8,10,11	-0.5	17	-	-	120	-	17	31	18	16	4	-	3	1	2	0	1	4	-	4	-	-	-	-
	Brodick Castle ...	99	15																														
	Rothsay ...	99	43	8.7	3.3	6.0	+0.3	12.2	27	0.6	14,17,22	4.6	4.8	140	165	17	31	19	17	4	0	0	5	2	0	0	14	-	0	2.87	91	-	-
	Millport ...	99	5	8.8	3.7	6.3	-0.2	12.2	26	0.6	7	-	-	112	160	18	26	15	14	6	0	1	3	0	0	0	-	-	2	-	-	-	-
Dunbarton	Finnart ...	99	15	8.6	2.9	5.7	-	13.3	26	-0.6	7	-	-	193	-	43	26	23	20	3	0	2	0	1	-	1	-	-	2	-	-	-	-
	Helensburgh ...	99	89	8.7	2.0	5.3	+0.2	12.2	11,28	-2.8	7	-	-	119	128	21	26	19	15	0	-	0	0	0	0	9	-	-	0	2.88	96	-	-
	Sloy ...	21-9	12	8.6	3.1	5.9	-	13.0	27	-1.7	16	-	-	281	-	61	26	22	18	8	-	3	0	2	0	7	-	-	0	-	-	-	-
	Cumbernauld ...	99	94	8.8	1.1	4.9	-	14.4	28	-3.9	7	-	-	113	-	18	19	16	12	7	4	0	0	1	0	14	19	-	0	-	-	-	-
Stirling	Earl's Hill ...	21-9	335	5.9	0.2	3.1	-	11.1	28	-4.1	7	-	-	153	-	21	16	17	15	-	-	-	-	-	1	18	21	-	-	3.34	-	-	-
	Stirling ...	99	46																														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1968

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 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
6b	ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1968

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 1910-50 average	Most in a day Amount (mm.)	Precip'n 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1910-50 average	Exposure	
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1910-50 average	Maximum	Date	Minimum																						Date
4 MIDLAND COUNTIES																																	
Yorks.	Slaidburn	99	192	8.2	(1.4)	(4.8)	-	17.8	28	-3.3	1,8	-	-	214	233	54	19	19	17	3	1	1	3	0	2	10	24	-	1	3.00	-	-	
W. Riding	Malham Tarn	99	395	6.4	0.7	3.5	-	15.0	28	-5.0	1	2.9	-	190	213	47	19	18	17	7	3	2	0	0	6	9	23	0	2.59	-	-		
	Huddersfield	99	99	2.8			-	20.6	28	-3.3	1	4.6	4.8	103	195	37	19	19	14	-	0	-	-	-	1	4	12	-	2.86	117	-		
	Oakes	21-9	235	8.7	2.3	5.5	-	20.2	28	-2.7	1	4.1	4.5	148	231	54	19	22	16	9	1	1	3	4	0	6	21	-	7	2.94	100	-	
	Bradford	99	134	9.2	2.7	5.9	+0.9	19.4	28	-2.2	1	4.5	4.5	140	260	51	19	19	16	7	1	4	2	0	1	6	14	-	3	-	8		
	Ilkley	99	96	9.6	2.4	6.0	+0.9	19.4	28	-2.2	1,8,16	-	-	109	182	25	19	17	15	8	1	1	2	0	1	6	-	0	3.12	101	-		
	Sheffield	99	131	(9.7)			-	19.4	28,29	-1.7	1	4.8	5.1	64	125	15	19	18	13	6	1	0	0	0	-	5	10	-	0	3.17	112	-	
	Pontefract	99	78	9.7	2.8	6.3	+0.9	18.3	28,29	-2.2	1	-	-	31	89	8	24	14	8	5	0	0	1	0	1	2	9	-	0	-	-		
	Bramham	99	54	9.8	2.2	6.0	-	18.9	28	-2.8	1	-	-	55	117	16	19	17	10	2	0	1	0	0	1	5	11	-	2	3.44	-		
	Cawood	99	6	10.3	(3.0)	(6.7)	-	18.3	28	-2.2	8	4.7	4.7	38	103	11	19	11	7	1	0	0	0	0	0	6	16	-	4	3.65	-		
	Ashham Bryan	99	34	10.1	(8.0)	(6.5)	-	18.3	28	-1.7	1	-	-	38	100	12	19	14	7	3	0	0	0	0	0	7	16	-	0	3.43	109	-	
Derby	Buxton	99	307	7.7	1.9	4.8	+0.8	17.2	28	-1.7	8	3.4	3.6	109	149	24	23	17	12	5	2	0	0	0	6	5	10	-	2	-	-		
	Ashover	99	186	8.8	2.3	5.5	-	17.8	28,29	-2.8	1,8	-	-	47	-	11	24	14	10	5	1	0	2	0	1	5	16	-	4	3.36	-		
	Derby	99	48	10.6	3.1	6.9	-	20.6	28,29	-3.9	3	-	-	28	61	9	24	13	12	2	0	0	2	0	0	3	9	-	3	3.13	-		
	Morley	99	107	10.1	2.5	6.3	-	21.7	29	-5.6	1	-	-	-	-	-	-	-	-	0	2	1	1	-	-	4	14	-	4	3.03	-		
Nottingham	Sutton Bonington	99	48	10.5	3.1	6.8	+1.2	20.6	29	-2.8	3	5.2	5.6	21	-	4	22	15	8	1	0	0	0	0	0	4	19	-	0	(3.19)	(97)		
	Wattall	21-9	118	10.2	2.8	6.5	+0.9	21.0	29	-2.3	1	-	-	28	64	6	24	14	8	4	0	3	0	1	0	6	18	-	0	3.05	93	-	
	Nottingham T.C.*	99	48	10.8	2.5	6.7	-	20.6	29	-2.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5	-	-	3.20	-	-		
	Mansfield	99	110	9.3	2.1	5.7	+0.1	20.0	29	-3.9	1	4.8	-	40	89	11	24	15	7	0	0	0	0	0	1	7	-	-	0	-	-		
	Nottingham	99	59	10.6	2.8	6.7	+0.7	21.1	29	-2.2	1	4.8	4.6	16	43	4	22	10	7	0	0	0	0	0	1	5	12	-	1	3.09	104	-	
	Warsop	99	46	10.6	2.1	6.3	-	20.6	29	-3.9	8	-	-	28	73	10	24	12	8	0	0	0	0	0	0	9	18	-	0	3.62	-	-	
	Finningley	21-9	10	10.7	3.5	7.1	+1.3	21.0	29	-1.1	8	-	-	24	-	8	24	12	7	3	0	0	0	2	0	0	3	8	-	4	3.41	-	
Leicester	Newtown Linford	99	119	10.2	2.2	6.2	-	20.6	29	-3.3	3	-	-	21	48	5	20	12	8	3	0	1	0	0	1	7	18	-	0	3.48	-	-	
	Caldecott	99	53	11.0	2.2	6.6	-	22.8	29	-3.3	3	-	-	19	51	3	22	11	8	-	0	-	-	-	2	9	17	-	-	3.95	-		
Northampton	Bugbrooke Mills	99	69	10.4	2.4	6.4	-	21.7	29	-2.8	1,3	5.2	5.6	12	31	3	21	8	6	-	0	-	-	-	0	6	-	-	-	4.10	-		
	Raunds	99	59	10.8	2.4	6.6	+0.9	23.9	29	-2.2	3	5.3	5.8	17	46	4	24	12	9	2	0	2	0	1	1	9	19	-	2	3.86	110	-	
	Wittering	99	65	10.8	2.6	6.7	+1.0	23.1	29	-2.4	3	-	-	17	48	3	22	12	7	6	0	0	4	2	1	6	15	-	3	4.12	-		
Warwick	Birmingham K.E.S.**	99	137	9.8	3.1	6.5	-	20.0	28	-2.8	1,2	-	-	39	82	10	23	14	9	0	0	0	3	0	0	4	-	-	-	0	-	-	
	Edgbaston	21-9	163	9.6	3.4	6.5	+0.6	20.3	28	-2.4	1	5.6	6.5	27	56	8	24	13	10	6	0	2	3	0	0	3	11	-	0	3.33	105	-	
	Luddington	99	56	10.6	2.7	6.7	-	21.1	29	-2.8	3	-	-	9	-	2	14	9	5	0	0	0	0	0	0	8	17	-	0	3.87	-		
	Stratford on Avon	99	49	10.8	0.3	5.5	-	21.1	28,29	-5.0	3	5.3	-	14	34	3	15	9	7	2	0	0	0	2	0	0	8	20	-	0	3.64	-	
	Elmdon	21-9	97	10.1	2.7	6.4	+0.8	20.6	29	-2.8	8	-	-	24	55	5	24	10	8	2	0	4	1	0	0	9	15	-	2	3.74	-		
	Shipston on Stour	99	111	10.1	2.8	6.5	-	20.6	28,29	-2.2	1	4.8	-	19	45	4	20	14	7	1	0	5	0	0	0	6	18	-	4	4.14	-		
	Wellesbourne	99	47	(10.6)	(2.3)	(6.5)	-	20.6	28	-3.9	4	-	-	11	28	4	20	10	4	-	-	-	-	-	-	8	-	-	-	-	-		
	Coventry	99	107	9.6	2.8	6.2	-	20.0	29	-0.9	8	-	-	18	-	4	25	9	8	0	-	0	0	0	5	6	-	-	0	(3.51)	-		
	Moreton Morrell	99	85	10.3	2.8	6.5	-	21.1	28,29	-2.2	1,3,8	-	-	19	45	5	20	10	6	0	0	0	0	0	1	7	20	-	4	4.01	-		
	Rugby	99	117	10.2	2.5	6.3	+0.7	21.1	29	-2.2	1,4,8	5.2	5.4	21	53	5	21	11	7	1	0	1	0	0	0	7	13	-	2	-	-		
Oxford	Brize Norton	21-9	84				-	21.1	29	-1.7	1	5.4	5.5	19	45	4	24	14	8	1	0	0	0	0	0	5	16	-	0	4.79	123	-	
	Oxford	99	63	10.8	3.6	7.2	+0.8	21.1	29	-1.7	1	5.4	5.5	19	45	4	24	14	8	1	0	0	0	0	0	5	16	-	0	4.79	123	-	
Buckingham	Medmenham	99	30	11.4	2.1	6.7	-	22.9	29	-3.9	3	-	-	22	-	6	20	14	8	-	-	-	-	-	-	7	18	-	-	-	-		
	Grendon Underwood	99	67	10.9	1.8	6.3	-	22.2	29	-5.0	3	5.3	5.7	25	-	6	24	15	8	0	0	1	0	1	-	10	19	-	0	4.68	-		
	Aylesbury	99	96	10.3	2.6	6.5	-	22.2	29	-2.2	3	-	-	19	47	4	21	14	7	5	0	2	0	0	0	7	16	-	1	4.17	-		
	Bletchley	99	86	11.0	3.0	7.0	-	22.8	29	-1.7	1	-	-	22	-	6	24	15	7	3	0	0	4	0	0	5	-	-	-	0	-	-	
Stafford	Keele	99	179	9.0	2.2	5.6	-	18.9	28	-3.3	1	4.3	4.7	42	90	11	24	19	13	4	0												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-30 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.	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH,

1968

DISTRICT, COUNTY AND PLACE		Max. Temp. in 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				HIGHEST MAXIMUM AND LOWEST MINIMUM								Precip'n												Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				Max. (A)	Min. (B)	Daily Mean (mean of A & B)	Difference from 1911-60 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	Concrete min. below 0°C							
7a ENGLAND, N.W.—cont.																																	
Lancashire —cont.	Garstang	99	21	9.4	2.1	5.7	-	17.8	28	-3.9	1,3,8	-	-	92	176	19	22	16	12	-	0	-	-	-	1	7	16	-	-	3.35	-	-	
	Bailrigg	99	54	9.4	2.0	5.7	-	17.5	28	-4.2	9	-	-	82	-	17	23	16	12	-	0	-	-	-	2	9	16	-	-	3.26	-	-	
	Morecambe	99	7	8.7	3.2	5.9	0.0	18.3	28	-2.2	9	-	-	93	172	21	23	18	13	1	0	2	0	0	1	3	-	0	3.45	92	-	-	
	Penketh	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Preston	99	33	9.5	2.8	6.1	-	18.3	28	-3.9	8	-	-	72	131	20	19	17	11	5	0	0	3	0	2	5	14	-	0	-	-	-	
	Bolton	99	107	9.2	2.4	5.8	-	18.3	28	-2.8	1	4.2	-	102	-	24	19	16	15	-	1	-	-	-	2	7	14	-	-	2.99	-	-	
	Stonyhurst	99	115	8.8	2.1	5.5	+0.3	18.3	28	-2.2	1,8,9	-	-	-	-	-	-	-	-	-	1	-	-	-	2	7	12	-	-	(2.89)	(88)	-	
	Manchester/W. Centre	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore	99	260	7.5	1.9	4.7	-	16.7	28	-2.8	1	3.9	-	158	171	35	19	19	16	-	1	-	-	-	6	4	20	-	-	2.42	-	-	
	Burnley	99	200	8.5	1.9	5.2	-	17.8	28	-3.3	8	4.1	4.7	123	-	30	23	20	17	3	0	0	2	0	2	7	16	-	3	2.50	-	-	
Nelson	99	165	8.3	2.2	5.3	-	18.2	28	-3.4	1	3.8	4.5	130	214	31	23	17	15	-	0	-	-	-	2	6	15	-	-	2.60	-	-		
Rochdale	99	110	9.3	2.1	5.7	-	18.3	28	-2.8	8	-	-	132	200	29	19	19	17	3	0	3	0	0	2	8	15	-	1	2.45	-	-		
Cheshire	West Kirby Park	99	8	9.9	3.8	6.9	-	18.9	28	-2.8	8	-	-	38	-	10	19	15	12	-	0	-	-	-	-	2	8	-	-	3.85	-	-	
	Bidston	99	60	8.9	3.8	6.3	+0.3	18.3	28	-1.7	1	-	-	32	75	7	19	16	13	-	-	-	-	0	1	3	-	-	3.37	95	-	-	
	Ness Gardens	99	55	(9.9)	(3.1)	(6.5)	-	18.3	28	-2.2	1	-	-	31	-	8	19	11	11	-	-	-	-	-	2	13	-	-	-	-	-	-	
	Winnington	99	20	10.6	3.6	7.1	-	20.0	28	-3.3	1	-	-	46	102	11	19	16	12	0	0	0	1	0	2	3	11	-	0	-	-	-	
	Knutsford	99	65	10.1	2.3	6.2	-	20.2	28	-3.2	1	4.7	4.8	53	110	13	24	18	12	-	0	-	-	-	-	9	18	-	-	-	-	-	
	Ringway	99	76	9.5	2.9	6.2	+0.4	19.0	28	-3.3	1	-	-	59	131	16	19	17	12	4	0	2	0	0	2	5	9	-	1	3.12	97	-	
	Macclesfield	99	152	8.9	2.4	5.7	+0.2	18.3	28	-5.0	1	-	-	53	103	11	24	18	15	5	0	2	0	0	3	5	-	1	-	-	-	-	
7b NORTH WALES																																	
Flint	Rhyl	99	9	9.4	3.9	6.7	+0.1	21.1	28	-2.2	8	-	-	49	116	20	19	14	12	3	0	0	2	0	0	3	3	-	2	3.62	95	-	
	Prestatyn	99	4	9.7	4.1	6.9	-	20.0	28	-2.2	1,8	-	-	38	84	11	19	14	11	1	0	2	0	0	0	2	-	-	4	3.43	95	-	
Anglesey	Hawarden Bridge	99	5	(10.4)	(3.9)	(7.1)	+0.8	18.9	28	-2.2	8	-	-	30	70	9	19	14	9	-	0	-	-	-	0	3	-	-	-	-	-	-	-
	Valley	21-9	10	9.3	4.2	6.7	-0.1	17.0	28	-4.8	1	-	-	53	101	16	19	13	12	2	0	3	0	0	0	3	6	-	7	3.74	91	-	
Denbigh	Colwyn Bay	99	36	9.9	4.3	7.1	+0.3	21.1	28	-2.2	1	5.8	-	70	149	19	23	14	12	2	0	2	0	0	0	2	-	-	0	3.79	96	-	
	Alwen	99	335	7.3	0.6	3.9	-	18.9	28	-7.8	8	-	-	160	200	44	19	16	15	-	-	-	-	-	-	13	19	-	-	-	-	-	
Caernarvon	Ruthin	99	76	9.2	2.7	5.9	-	19.4	28	-4.4	8	-	-	74	-	27	19	14	11	-	0	-	-	-	0	8	-	-	-	3.24	-	-	
	Loggerheads	99	210	8.5	2.4	5.5	-	18.3	28	-5.6	8	4.1	4.8	51	-	12	19	15	13	5	0	0	1	0	2	6	12	-	1	2.75	-	-	
	Bwchgwyn	99	386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Wrexham	99	84	10.3	3.3	6.8	-	19.2	28	-2.5	1	4.7	5.1	49	96	11	19	12	9	0	0	0	0	0	2	5	8	-	0	-	-	-	
	Bardsey Island	21-9	18	8.6	5.4	7.0	-	14.8	28	1.5	8	-	-	58	-	19	19	10	8	-	0	-	-	-	0	0	1	-	-	-	-	-	
	Botwnnog	99	34	9.3	3.8	6.5	-	18.3	28	-1.7	1,8	6.4	6.6	61	-	19	19	13	12	2	0	1	0	0	1	2	11	-	-	-	-	-	
	Bryn Adda	99	84	9.3	3.4	6.3	-	18.9	28	-1.1	8	-	-	86	117	29	23	16	12	1	0	0	3	0	0	3	15	-	3	3.40	-	-	
Merioneth	Aber	99	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Trawsfynydd	99	186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Montgomery	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corwen	99	144	9.2	1.8	5.5	-	20.0	28	-5.6	1,8	-	-	119	173	36	19	16	13	3	0	0	3	0	-	9	18	-	0	-	-	S	
	Ceintrws	99	61	9.9	1.4	5.7	-	21.1	28	-5.0	8	-	-	196	-	59	23	15	15	-	-	-	-	-	1	10	14	-	-	-	-	-	
Cardigan	Lake Vyrnwy	99	303	7.6	1.6	4.6	-	16.7	28	-4.4	1	3.7	-	228	226	64	23	18	15	3	2	2	0	0	1	6	17	-	2	-	-	-	
	8a SOUTH WALES																																
Pembroke	Aberporth	21-9	133	8.5	3.9	6.2	-0.5	19.2	28	-4.2	1	-	-	49	70	17	23	15	11	0	0	0	3	0	1	2	7	-	8	4.20	-	-	
	Aberystwyth	99	138	8.6	2.6	5.6	-0.6	21.1	28	-3.9	1	-	-	58	72	14	23	15	12	0	0	0	0	1	2	4	12	-	0	3.62	90	-	
	Frongoch	99	31	9.5	2.5	6.0	-	21.7	28	-6.1	9	-	-	63	102	15	23	16	13	0	0	0	0	0	0	11	18	-	2	3.67	-	-	
	Gogerddan	99	165	9.0	1.8	5.4	-	20.6	28	-5.6	9	-	-	107	132	31	23	17	14	-	0	-	-	-	2	9	18	-	-	3.82	-	-	
	Swyddffynnon	99	61	9.5	2.1	5.8	-	21.1	28	-5.0	8,9	5.8	-	83	115	22	23	15	13	0	0	0	0	0	0	8	16	-	0	3.43	-	-	
	Trawcoed	99	290	7.8	2.2	5.0	-	19.4	28	-3.3	1	-	-	87	105	22	23	15	14	0	0	2	0	0	2	3	12	-	0	3.09	82	-	
	Llety-evan-hen	99	301	7.7	1.1	4.4	-	18.9	28	-3.9	1	-	-	143	-	38	23	16	15	0	0	0	0	0	-	11	15	-	0	-	-	-	
	Cwmystwyth	99	33	9.6	4.8	7.2	-	16.1	28	-0.6	1,2	6.4	-	33	-	8	24	13	10	0	0	3	0	0	1	2	4	-	2	4.80	-	-	
	Dale Fort	99	37	9.4	4.5	6.9	-	15.0	28	-1.6	1	-	-	48	-	12	23	14	9	1	0	1	0	0	1	2	6	-	7	-	-	-	
	Milford Haven	21-9	110	8.9	3.2	6.1	-	17.2	28	-3.9	1	-	-	61	80	19	23	13	11	0	0	1	1	0	0	3	8	-	6	4.61	-	-	
Carmarthen	Brawdy	99	61	-	(3.6)	-</																											

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MARCH.

1968

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		Daily Mean (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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																						30 cm.	122 cm.
8b ENGLAND, S.W.—cont.																																			
Devon	Plymouth, The Hoe	99	36	10.7	4.2	7.5	-0.1	16.1	28	-0.6	1	6.6	7.4	45	64	9	24	12	11	0	0	2	0	0	0	1	18	-	1	5.03	118	-			
	Tavistock	99	139	10.6	2.7	6.7	-0.2	18.9	28	-3.9	1,2	-	-	79	-	17	24	14	13	0	0	5	0	0	0	5	20	-	3	-	-	-			
	Chivenor	21-9	6	10.4	4.3	7.3	-0.4	18.5	28	-2.5	4	-	-	43	76	10	24	12	10	0	0	2	0	0	0	4	9	-	1	4.61	-	-			
	Ilfracombe	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Totnes	99	37	10.8	2.7	6.7	-	16.1	29	-5.0	4	6.3	7.1	57	65	13	24	12	11	0	0	0	5	0	0	7	16	-	1	4.64	-	-			
	Slapton	99	32	10.2	4.0	7.1	-	14.4	29	0.0	22	-	-	-	9	20	12	9	0	0	0	0	0	0	0	12	-	0	-	-	-				
	Newton Abbot	99	83	10.2	3.4	6.8	0.0	15.0	27,29	-1.7	1	-	-	55	75	12	24	11	10	0	0	1	0	0	0	4	17	-	0	5.11	125	-			
	Torbay (Torquay)	99	8	10.8	4.2	7.5	+0.2	15.0	31	-0.4	16	-	7.2	41	62	8	20	13	9	0	0	0	0	0	0	0	15	-	5	5.06	118	-			
Cornwall	Teignmouth	99	6	10.8	4.2	7.5	+0.1	15.6	31	0.0	1,4	-	-	29	46	8	20	13	8	0	0	0	0	0	0	0	-	-	1	5.07	121	-			
	Starcross	99	9	10.8	3.3	7.1	-	15.0	26	-2.2	4	6.4	-	29	45	8	20	11	10	0	0	1	0	0	0	4	13	-	1	4.58	-	-			
	Exeter	21-9	32	10.7	3.3	7.0	-	16.3	28	-3.2	4	-	-	26	44	7	20	12	8	0	0	3	0	0	1	5	15	-	2	4.32	-	-			
	Sidmouth	99	8	10.4	3.7	7.1	+0.3	13.9	31	-1.1	1	-	-	24	43	8	20	11	7	-	-	-	-	-	0	5	12	-	-	4.35	105	-			
	Scilly	21-9	48	10.2	5.9	8.1	-0.4	13.0	31	3.6	1,8	-	-	40	62	10	24	11	10	0	0	1	0	0	0	0	1	-	1	5.01	120	-			
	Penzance	99	19	10.6	4.8	7.7	-0.6	13.9	28	1.1	4,9	-	-	15	25	-	-	-	0	0	3	0	0	0	0	13	-	2	5.27	126	-				
	Gulval	99	15	10.2	4.9	7.5	-0.5	14.4	28	0.6	4	-	-	58	76	13	23	11	11	-	-	-	-	0	0	8	-	-	5.07	124	-				
	Culdrose	99	82	9.7	3.9	6.8	-	14.4	29	-0.8	9	-	-	57	82	12	23	12	9	0	0	4	1	0	0	3	5	-	2	4.97	-	-			
	Rosewarne	99	76	9.8	4.8	7.3	-	15.6	29	0.0	4	6.5	7.1	52	70	13	23	13	10	2	0	6	0	0	0	11	-	3	4.77	-	-				
	Lizard	99	73	9.7	4.6	7.1	-0.6	12.9	29	0.5	2	-	-	46	76	14	23	11	8	0	0	1	0	0	-	-	-	8	4.93	-	-				
	Falmouth	99	51	10.0	4.2	7.1	-0.7	13.9	29	0.0	2	-	-	53	65	13	23	12	10	0	0	0	1	0	0	0	9	-	0	4.78	119	-			
	Newquay	99	54	9.8	4.6	7.2	-0.3	15.6	29	-1.1	2,7	-	-	48	81	14	24	12	11	0	-	1	0	-	-	2	0	-	2	4.66	109	-			
	St. Mawgan	21-9	103	9.4	4.2	6.8	-	16.5	28	-2.4	1	-	-	50	75	16	24	12	11	0	0	0	4	0	0	2	7	-	0	4.84	-	-			
	St. Austell	99	94	9.8	3.6	6.7	-	13.9	28	-0.6	2	-	-	11	23	-	-	-	-	0	0	0	0	0	0	1	-	-	0	-	-	-			
Fowey	99	40	10.8	3.8	7.3	-0.5	14.4	31	0.0	1,2,4	-	-	40	-	9	23	12	8	0	0	1	0	0	0	3	-	5	-	-	-	-				
Bude	99	15	9.8	4.5	7.1	-0.1	21.1	28	-3.9	4	5.1	-	44	80	12	24	11	11	-	-	-	-	-	4	-	-	-	-	-	-	-				
Ellbridge	99	58	10.5	3.1	6.8	-0.3	17.2	28	-2.8	1	-	-	53	74	13	24	12	10	0	0	1	0	0	0	7	17	-	0	4.43	-	-				
9 NORTHERN IRELAND																																			
Londonderry	Loughmore Forest	99	174	8.3	1.4	4.9	-	14.4	28	-4.4	1	-	-	111	-	29	31	26	18	3	1	0	0	0	3	10	21	-	0	-	-	-			
	Ballykelly	21-9	2	9.7	3.5	6.6	+0.1	16.0	28	-3.0	3	5.9	6.2	73	138	22	31	21	13	6	0	4	3	1	0	5	13	-	3	3.23	89	-			
	Derrynoyd Forest	99	88	9.5	2.4	5.9	-	15.6	28	-1.7	2,21	-	-	106	-	25	31	20	14	5	1	0	1	0	0	5	17	-	0	-	-	-			
	Somerset Forest	99	43	9.5	2.3	5.9	-	16.1	28	-3.3	1	-	-	103	-	25	31	23	18	2	0	1	0	0	0	6	16	-	1	-	-	-			
	Garvaghy Forest	99	91	9.2	2.3	5.7	-	15.6	28	-2.8	1	5.3	5.8	100	-	22	31	20	17	6	0	3	0	0	0	8	13	-	1	-	-	-			
	Moneydig	21-9	34	9.8	2.4	6.1	+0.1	15.6	28	-4.9	1	5.2	-	73	109	16	31	18	15	7	0	1	3	0	1	8	15	-	2	-	-	-			
	Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	76	-	22	31	22	13	-	-	-	-	-	-	-	-	-	3.06	-	-	-			
	Ballymoney	99	55	9.9	2.6	6.3	-	15.6	28	-4.4	1	-	-	81	-	16	17	26	14	6	-	1	0	0	1	5	-	0	-	-	-	-			
Antrim	Lisnafillan	99	38	9.4	1.3	5.3	-	15.0	28	-5.0	1,3	-	-	73	-	20	31	16	12	1	0	0	0	1	10	15	-	-	3.40	-	-				
	Aldergrove	21-9	69	9.3	2.2	5.7	-0.2	15.7	28	-3.2	7	5.2	6.2	60	105	13	22	15	12	5	0	3	1	0	1	6	14	-	2	3.06	91	-			
	Greenmount	99	32	9.6	2.2	5.9	-	15.6	28	-3.3	1,3	4.9	-	59	-	12	22	17	14	2	0	0	0	-	4	15	-	-	-	-	-	-			
	Altnahinch	99	226	7.5	1.6	4.5	-	14.4	28	-1.7	22	-	-	111	-	21	31	24	20	10	4	0	0	2	3	13	20	-	3	2.69	-	-			
	Parkmore Forest	99	235	8.1	1.2	4.7	-	13.3	28	-2.8	2	4.0	-	171	-	40	31	26	17	5	4	1	0	0	1	11	21	-	1	-	-	-			
	Black Mountain	21-9	295	7.2	1.2	4.2	-	13.8	28	-2.1	7	-	-	73	-	18	22	19	14	6	3	0	0	0	7	13	-	4	-	-	-	-			
	Lowtown	99	271	7.3	1.2	4.3	-	13.3	28	-1.7	17,22	3.9	-	114	-	28	31	20	18	3	3	0	0	0	2	14	21	-	0	2.76	-	-			
	Ballypatrick Forest	99	152	7.9	1.8	4.9	-	14.4	28	-2.2	2	-	-	114	-	31	31	24	17	8	1	4	0	3	1	8	14	-	3	2.78	-	-			
	Belfast, Malone	99	35	9.8	2.1	5.9	-	15.0	28	-3.3	2	5.3	-	-	-	3	-	1	0	0	4	7	14	-	-	-	0	-	-	-	-				
	Newtownabbey	99	32	9.9	3.4	6.7	-	15.6	28	0.0	21	5.7	-	97	-	17	17	16	12	7	1	3	0	0	1	0	12	-	3	3.52	-	s			
	Woodburn, North	99	217	8.2	1.2	4.7	-	14.4	28	-3.9	2	-	-	101	133	17	31	19	13	7	4	1	1	0	3	13	19	-	0	-	-	-			
	Larne	99	43	9.9	2.2	6.1	-	16.1	28	-1.7	2,21	-	-	108	165	21	31	17	14	5	1	1	0	0	1	6	-	2	-	-	-	-			
	Kilroot	99	22	9.7	2.5	6.1	-	13.9	28	-2.2	2	-	-	81	-	12	22	15	14	2	1	1	0	0	1	4	17	-	1	-	-	-			
	Down	Ballylumford	99	24	9.4	3.4	6.4	-	14.4	28	0.0	1,21	-	-	78	-	15	31	16	14	3	-	0	0	-	0	8	-	-	-	-	-	-		
Hillsborough		99	116	8.9	2.0	5.5	-0.1	14.4	28	-2.8	1,2	4.9	5.3	64	119	17	17	18	12	2	1	0	0	0	3	7	16	-	0	3.15	97	-			
Kilkeel		21-9																																	

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH.

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (G.M.T.)	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.									
																									8 or more	6-7	4-5	1-3	Calm																	
Number of Observations																																														
0 SCOTLAND, N.																																														
Zetland	3	1003.2	-	3.1	0.6	7.0	91	5.8	1	5	6	4	15	0	0	0	0	0	0	1	7	8	13	2	0	5	11	12	3	2	1	0	1	4	6	10	4	3								
Lerwick	9	1003.1	-9.0	3.9	0.7	7.2	88	6.6	0	0	5	12	11	3	0	0	0	0	0	1	2	9	11	3	1	10	13	5	2	5	1	0	1	2	6	10	8	3								
83m.	15	1002.4	-	4.9	1.0	7.3	83	6.5	0	3	3	11	14	0	0	0	0	0	0	8	6	9	8	3	7	15	6	0	5	1	0	0	6	10	6	3										
21	1003.0	-	2.9	0.5	6.9	90	6.2	0	5	3	9	14	0	0	0	0	0	0	2	10	4	12	3	1	4	9	15	2	5	0	1	1	6	6	7	3										
Orkney	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
Kirkwall	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
26m.	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
Caithness	3	1005.8	-	3.4	0.8	6.8	86	5.2	2	7	2	13	7	0	0	0	0	0	0	3	8	14	6	0	6	11	14	0	1	1	2	1	3	4	16	3										
Wick	9	1005.7	-6.7	4.8	1.0	7.2	83	6.2	0	3	5	15	8	0	0	0	0	0	0	2	5	9	15	0	7	16	7	1	4	0	0	0	6	9	8	3										
37m.	15	1004.8	-	6.3	1.4	7.5	79	6.8	0	1	3	14	13	0	0	0	0	0	0	3	8	11	9	1	6	17	7	0	3	1	0	3	6	2	12	4										
21	1005.4	-	4.2	0.9	7.1	85	5.5	0	7	4	9	11	0	0	0	0	0	0	4	8	14	5	0	3	19	9	0	2	1	1	2	4	7	11	3											
Sutherland	3	1005.3	-	4.5	0.8	7.4	87	6.2	0	3	7	8	12	1	0	0	1	1	0	1	0	9	19	3	6	11	11	0	2	0	1	3	0	11	8	6										
Cape Wrath*	9	1005.1	-	4.9	0.8	7.6	87	7.1	0	2	1	8	19	1	0	1	0	0	0	2	8	8	12	3	6	15	5	2	0	1	1	2	2	11	8	4										
113m.	15	1004.3	-	5.9	1.0	7.9	86	6.8	0	0	8	5	18	0	0	0	0	0	0	4	1	11	15	6	3	10	11	1	1	1	1	1	14	5	6											
21	1004.8	-	4.8	0.8	7.6	87	6.0	0	3	7	10	11	0	0	0	0	0	0	2	3	11	15	5	5	8	13	0	2	0	1	3	1	13	6	5											
Ross & Cromarty	3	1007.3	-	4.1	0.5	7.7	92	4.9	3	6	7	5	10	0	0	0	0	0	0	1	3	9	16	2	0	3	12	13	3	2	0	1	4	6	10	4										
Stornoway	9	1006.8	-5.1	5.6	0.7	8.2	89	6.2	0	4	4	14	9	0	0	0	0	0	0	5	12	10	4	0	5	15	8	3	1	0	0	1	6	8	7	5										
5m.	15	1006.0	-	7.0	1.1	8.5	84	6.2	0	2	6	14	9	0	0	0	0	0	0	5	9	13	4	0	7	14	9	1	2	0	0	2	5	5	9	7										
21	1007.0	-	4.5	0.6	7.8	92	4.7	1	11	4	5	10	0	0	0	0	0	0	5	10	14	2	0	4	12	13	2	3	0	1	2	3	7	9	4											
Inverness	3	1008.0	-	5.0	0.7	7.8	89	5.3	1	6	5	11	8	0	0	0	0	0	1	3	7	14	5	0	7	13	6	5	1	0	0	2	3	5	12	3										
Benbecula	9	1007.5	-4.3	6.0	0.9	8.1	86	6.2	0	4	4	13	10	0	0	0	0	0	2	5	6	15	3	1	6	18	4	2	1	0	0	1	8	6	10	3										
6m.	15	1006.9	-	6.9	1.1	8.4	84	6.7	0	1	4	20	6	0	0	0	0	0	2	3	13	12	1	1	8	15	7	0	1	0	0	2	2	11	7	8										
21	1007.8	-	5.0	0.8	7.6	86	5.0	1	7	7	10	6	0	0	0	0	0	0	2	0	2	11	12	4	1	5	13	9	3	1	1	1	3	0	7	10	5									
1 SCOTLAND, E.																																														
Moray	3	1007.8	-	3.8	0.8	7.0	86	5.9	1	3	4	12	10	1	0	0	0	0	0	3	2	3	14	9	0	3	17	10	1	0	1	0	1	2	16	7	3									
Kinloss	9	1007.9	-4.6	5.2	1.4	7.1	79	6.3	0	3	3	18	7	0	0	0	0	0	0	2	2	3	7	17	0	5	14	10	2	1	0	0	1	3	15	8	1									
6m.	15	1006.7	-	7.4	1.9	7.5	74	6.6	0	2	3	15	11	0	0	0	0	0	0	3	6	7	15	0	8	16	7	0	2	0	1	0	4	8	14	2										
21	1007.3	-	4.8	0.9	7.4	85	6.0	0	3	5	17	6	0	0	0	0	0	0	1	3	4	13	10	0	6	14	8	3	1	1	3	1	0	12	6	4										
Aberdeen	3	1007.1	-	3.7	1.1	6.6	81	5.1	4	4	4	13	5	1	0	0	1	0	0	2	2	6	10	10	0	1	17	9	4	2	1	0	1	5	11	6										
Dyce	9	1007.4	-6.2	5.3	1.7	6.7	74	6.2	0	3	5	20	3	0	0	0	0	1	1	0	2	5	9	13	0	3	11	12	5	1	0	0	1	2	4	13	5									
59m.	15	1006.0	-	7.7	2.4	7.1	67	6.5	0	2	4	17	8	0	0	0	0	0	0	4	8	11	8	0	6	18	7	0	3	0	2	0	7	6	6	7										
21	1006.8	-	4.6	1.2	7.0	81	5.2	1	7	5	12	5	1	0	0	1	0	0	6	11	8	5	0	3	13	13	2	2	1	1	0	5	7	8	5											
Fraserburgh	3	1006.8	-	4.8	1.0	7.2	83	5.5	0	6	7	6	11	1	0	0	1	0	0	3	8	19	0	3	6	9	13	0	2	1	0	2	4	4	16	2										
22m.	9	1006.9	-	5.0	1.3	7.0	79	6.1	0	3	5	13	9	1	0	0	1	0	0	5	7	16	2	3	8	10	10	0	4	0	0	0	8	2	16	1										
21	1006.0	-	6.7	1.6	7.6	78	6.8	0	0	4	13	14	0	0	0	0	0	0	3	10	15	3	3	5	12	11	0	2	0	0	1	9	2	14	3											
Angus	3	1006.4	-	5.3	1.1	7.4	83	5.8	0	5	6	7	13	0	0	0	0	0	0	2	14	15	0	2	7	11	11	0	2	1	1	0	7	4	14	2										
Usan	9	1007.0	-	3.9	0.9	6.9	85	3.7	5	7	9	6	4	0	0	0	0	0	0	4	1	7	19	1	3	10	14	3	4	0	0	0	2	4	14	4										
35m.	15	1007.6	-	5.1	1.3	7.1	80	5.9	0	4	8	11	8	0	0	0	0	0	0	1	3	4	11	12	0	3	11	9	8	3	0	0	0	7	10	3										
21	1006.1	-	7.8	2.1	7.5	70	6.2	0	3	6	11	11	0	0	0	0	0	0	1	1	6	9	14	0	7	15	6	3	5	0	1	0	3	6	11	2										
Fife	3	1006.9	-	5.6	1.4	7.3	80	5.0	2	6	6	8	9	0	0	0	0	0	0	0	6	10	15	0	5	13	9	4	3	1	0	0	2	5	11	5										
12m.	9	1008.4	-	3.3	0.8	6.8	86	4.9	3	7	2	12	7	0	0	0	0	0	1	2	4	9	14	0	2	14	11	4	2	0	0	1	1	14	8	1										
Leuchars	15	1008.7	-5.0	5.4	1.2	7.4	82	6.1	0	3	5	16	7	0	0	0	0	0	1	0	3	7	8	12	0	6	10	12	3	2	1	1	0	1	13	10	0									
21	1007.4	-	8.4	2.2	7.8	71	6.5	0	1	7	11	12	0	0	0	0	0	0	1	4	5	8	13	0	8	16	7	0	1	0	3	0	3	10	10	4										
Midlothian	3	1007.9	-	5.3	1.1	7.4	82	5.4	0	5	7	10	9	0	0	0	0	0	0	2	7	10	12	0	6	13	9	3	1	0	1	1	1	14	7	3										
Turnhouse	9	1009.7	-	3.7	1.0	6.7	84	4.5	2	9	6	7	7	0	0	0	0	0	0	1	3	15	11	1	0	2	13	9	7	1	0	0	0	17	5	1										
44m.	15	1009.8	-4.2	5.5	1.4																																									

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

MARCH,

1968

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 more	4-7	8-10	11-16	17-20																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
																									21-23	24-26	27-30	31-33	34-36																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Number of Observations																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
2 ENGLAND, N.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
Northumberland Acklington	3	1009.9	-	4.2	0.9	7.1	86	5.5	2	5	5	8	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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

MARCH,

1968

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.	400-990 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											
																									34 or more	22-33	11-21	1-10	0											
Number of Observations																																								
4 MIDLAND COUNTIES —cont.	Finningley 14m.	3	1012.6	-	5.0	1.2	7.2	81	4.3	9	2	5	6	9	0	0	0	0	0	0	0	0	0	0	4	9	8	8	2	0	0	4	12	13	2	4	0	0	1	4
		9	1013.3	-	6.7	1.6	7.7	78	5.3	0	5	9	12	5	0	0	0	0	0	0	0	0	0	0	14	11	8	8	0	0	0	5	13	12	1	4	0	0	1	0
		15	1012.5	-1.8	9.7	3.0	7.6	63	6.5	0	1	5	14	11	0	0	0	0	0	0	0	0	0	0	16	4	1	1	0	0	6	15	9	0	6	1	1	0	0	
	Northampton Wittering 67m.	3	1012.8	-	6.7	1.5	7.8	78	5.2	5	1	7	10	8	0	0	0	0	0	0	0	0	0	0	14	12	1	0	0	0	4	10	16	1	3	0	1	1	5	
		9	1013.7	-	4.2	1.0	7.0	83	4.4	5	5	7	7	7	0	0	0	0	0	0	0	0	0	0	11	6	9	2	0	0	4	14	11	2	4	0	1	1	2	
		15	1014.6	-1.0	6.1	1.6	7.3	77	5.2	1	7	5	11	6	1	0	0	0	0	0	0	0	0	0	3	16	10	8	3	1	3	14	13	0	2	1	1	0	4	
	Warwick Edgbaston 165m.	3	1013.7	-	9.6	3.2	7.2	61	6.5	0	0	8	12	11	0	0	0	0	0	0	0	0	0	0	12	7	7	0	0	0	8	13	10	0	5	2	0	0	1	
		9	1014.1	-	6.2	1.7	7.3	76	4.9	6	4	2	10	9	0	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	3	11	16	1	2	2	0	1		
		15	1015.6	0.0	5.3	1.3	7.2	81	5.5	2	4	6	12	7	0	0	0	0	0	0	0	0	0	0	2	9	10	6	0	0	2	9	20	0	3	0	1	0	9	
	Elmdon 110m.	3	1014.7	-	8.8	3.0	7.0	62	6.0	0	1	10	14	6	0	0	0	0	0	0	0	0	0	0	3	9	10	6	0	0	1	18	12	0	3	0	1	1	6	
		9	1015.1	-	6.3	1.6	7.4	77	4.7	4	6	6	6	7	0	0	0	0	0	0	0	0	0	0	1	6	11	12	1	0	0	3	11	17	0	2	0	0	1	
		15	1014.4	-	4.4	1.3	6.7	79	5.0	2	7	6	6	9	1	0	0	0	0	0	0	0	0	0	4	11	12	3	0	0	4	13	14	0	4	0	1	2		
	Oxford Brize Norton 84m.	3	1015.2	-	5.9	1.7	7.0	75	5.8	0	5	5	11	10	0	0	0	0	0	0	0	0	0	0	7	18	0	0	0	0	0	2	17	11	0	2	2	0	1	
		9	1014.2	-	9.2	3.4	6.7	58	6.2	0	3	5	13	10	0	0	0	0	0	0	0	0	0	0	6	19	4	0	0	0	6	21	4	0	4	2	0	0		
		15	1014.7	-	6.3	1.7	7.2	74	4.8	3	8	4	6	10	0	0	0	0	0	0	0	0	0	0	5	13	13	0	0	0	5	13	13	0	1	1	1	1		
5 ENGLAND, S.E.	Shropshire Shawbury 76m.	3	1014.3	-	4.4	0.8	7.4	87	5.2	5	5	1	8	11	1	0	1	0	0	0	0	0	0	2	0	9	14	4	0	0	0	13	15	3	3	0	0	2	4	
		9	1015.0	-	5.8	1.2	7.7	83	5.9	1	4	4	13	9	0	0	0	0	0	0	0	0	0	3	4	5	11	8	0	0	1	18	11	1	3	0	2	1	2	
		15	1014.1	-	9.1	2.6	7.7	67	6.5	0	1	4	19	7	0	0	0	0	0	0	0	0	0	1	7	14	8	0	0	5	19	7	0	4	1	1	0	2		
	Hereford Ross-on-Wye 69m.	3	1014.5	-	5.7	1.2	7.6	83	4.8	5	3	7	10	6	0	0	0	0	0	0	0	0	0	2	4	3	13	9	0	0	4	10	15	2	3	1	1	3		
		9	1015.8	+0.4	6.1	1.5	7.3	77	5.2	1	8	4	10	8	0	0	0	0	0	0	0	0	0	0	3	20	1	0	0	0	1	11	18	2	3	1	1	0	2	
		15	1014.9	-	9.5	3.0	7.4	62	5.9	0	3	9	7	12	0	0	0	0	0	0	0	0	0	0	6	4	19	2	0	0	1	19	11	0	7	2	0	1		
	Gloucester Filton 60m.	3	1015.3	-	6.7	1.6	7.7	77	4.9	3	7	4	6	11	0	0	0	0	0	0	0	0	0	0	10	4	17	0	0	0	1	9	21	0	3	2	2	0	5	
		9	1015.6	-	5.3	1.1	7.6	84	5.2	3	4	6	8	10	0	0	0	0	0	0	0	0	0	0	2	9	18	2	0	0	3	8	16	4	3	2	0	1		
		15	1016.0	+1.1	6.4	1.4	7.7	79	5.6	0	3	9	11	8	0	0	0	0	0	0	0	0	0	0	1	8	16	4	1	0	2	16	10	3	6	2	0	1		
	Gloucester 24m.	3	1016.2	-	9.4	2.5	8.1	69	5.9	0	3	7	11	10	0	0	0	0	0	0	0	0	0	0	2	17	6	4	0	0	3	19	9	0	4	2	0	1		
		9	1016.2	-	6.9	1.5	7.9	79	5.8	1	5	6	6	13	0	0	0	0	0	0	0	0	0	0	1	3	12	10	4	1	0	3	11	12	5	5	1	0		
		15	1015.5	-	5.3	1.1	7.6	83	5.2	4	5	5	4	13	0	0	0	0	0	0	0	0	0	0	7	11	8	2	0	0	3	9	15	4	3	1	2	1		
	Little Rissington 229m.	3	1016.5	-	6.4	1.4	7.7	79	5.8	1	3	5	15	6	1	0	0	0	0	0	0	0	0	0	2	7	8	11	0	0	2	11	13	5	3	3	0	1		
		9	1015.8	-	10.2	2.9	8.1	64	6.5	0	1	7	13	10	0	0	0	0	0	0	0	0	0	0	3	9	8	9	0	0	5	15	10	1	4	1	0			
		15	1015.8	-	7.1	1.4	8.1	80	4.7	5	5	5	5	11	0	0	0	0	0	0	0	0	0	0	1	3	6	14	4	3	0	4	7	17	3	5	1	0		
5 ENGLAND, S.E.	Greater London Heathrow 26m.	3	1014.9	-	3.9	0.8	7.0	86	4.9	5	6	2	7	10	1	0	0	0	0	0	0	0	0	1	5	11	8	5	0	5	8	17	1	6	1	1	1			
		9	1015.8	+0.3	5.1	1.3	7.2	81	5.5	2	2	7	14	6	0	0	0	0	0	0	0	0	0	3	4	6	12	6	0	5	13	13	0	6	2	0	1			
		15	1014.9	-	8.3	2.7	7.1	65	6.5	0	8	13	10	0	0	0	0	0	0	0	0	0	0	1	4	7	12	0	0	7	16	8	0	4	2	0	0			
	Surrey Gatwick 59m.	3	1015.3	-	5.4	1.2	7.3	80	5.0	3	8	2	8	10	0	0	0	0	0	0	0	0	0	1	7	9	5	9	0	0	3	17	11	0	7	2	0	0		
		9	1015.1	-	5.2	1.1	7.5	84	4.6	6	4	5	9	7	0	0	0	0	0	0	0	0	0	0	4	9	11	7	0	0	2	11	18	0	5	1	0			
		15	1016.1	-	6.6	1.6	7.5	76	5.3	0	7	4	16	4	0	0	0	0	0	0	0	0	0	0	4	7	12	7	1	0	3	8	19	1	5	2	0			
	Kent Dungeness 7m.	3	1015.3	-	10.2	3.4	7.3	59	6.1	0	0	10	14	7	0	0	0	0	0	0	0	0	0	0	1	2	13	13	2	0	0	4	20	7	0	3	2	0		
		9	1015.9	-	6.9	1.6	7.7	77	5.2	3	3	12	8	0	0	0	0	0	0	0	0	0	0	0	4	7	13	7	0	0	3	13	15	0	2	3	0			
		15	1016.3	-0.4	7.0	1.9	7.4	74	5.4	0	7	6	11	7	0	0	0	0	0	0	0	0	0	0	1	4	8	9	8	1	0	1	9	20	1	9	0	1		
	Sussex Thorney Island 4m.	3	1015.4	-	10.3	3.5	7.2	58	5.9	0	2	9	13	7	0	0	0	0	0	0	0	0	0	0	2	4	6	15	4	0	0	1	16	14	0	3	3	1		
		9	1015.9	-	7.4	1.8	7.7	74	4.7	6	3	6	8	8	0	0	0	0	0	0	0	0	0	0	2	10	8	11	0	0	1	11	18	1	5	2	0			
		15	1016.5	-	4.1	0.7	7.3	88	4.5	6	4	4	11	6	0	0	0	0	0	0	0	0	0	0	1	6	10	9	4	0	0	1	8	17	5	1	0	0		
	Eastbourne C'Guard 7m.	3	1015.5	-	6.4	1.4	7.8	80	5.8	1	2	6	15	7																										

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

MARCH,

1968

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	0-39 m.	40-150 m.	200-350 m.	400-550 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	9-11	12-14	15-17	18-20									
																										24 or more	25-33	34-40	41-47	48-54									
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1011.4	-	4.2	0.9	7.2	86	5.1	2	6	5	11	6	1	0	1	0	0	0	1	9	12	8	0	0	3	12	11	5	1	0	1	2	4	8	8	2	
		9	1011.8	-	5.3	1.1	7.5	84	6.8	0	0	4	16	10	1	0	1	0	0	0	1	3	4	14	7	1	0	3	13	10	5	2	0	2	0	4	9	9	0
		15	1010.8	-	8.1	2.0	7.9	73	6.4	0	3	3	17	8	0	0	0	0	0	0	0	0	5	7	15	4	0	4	19	8	0	2	0	0	2	13	10	3	
		21	1011.2	-	5.6	1.1	7.7	83	5.6	2	6	2	9	12	0	0	0	0	0	0	1	8	17	5	0	0	3	12	12	4	1	0	2	1	0	12	10	3	
Westmorland Great Dun Fell	—	3	-	-	-0.9	0.1	5.6	97	6.7	5	0	0	0	5	21	9	13	0	0	0	0	2	1	6	0	5	6	12	8	0	4	0	1	1	5	9	6	6	
		9	-	-	-0.6	0.1	5.8	97	6.9	3	0	2	2	4	20	8	14	0	0	0	0	0	4	3	2	4	11	5	10	1	2	1	1	2	13	6	4		
		15	-	-	0.7	0.2	6.3	96	7.2	0	0	6	3	8	14	6	9	0	0	0	0	2	2	12	0	10	7	12	2	0	1	1	0	1	13	10	4		
		21	-	-	0.0	0.1	6.0	97	7.1	3	0	1	1	6	20	9	11	0	0	0	0	0	2	2	7	0	9	7	11	2	2	2	1	0	0	2	13	6	5
Lancashire Speke	26m.	3	1013.4	-	5.1	1.0	7.5	85	5.0	4	6	2	11	7	1	0	1	0	0	0	1	3	11	10	5	0	3	15	10	3	2	0	0	2	3	6	6	9	9
		9	1013.9	-	6.3	1.2	7.9	82	6.1	0	3	7	12	9	0	0	0	0	0	0	3	9	7	8	4	0	4	16	10	1	4	0	1	5	3	11	5	5	
		15	1013.3	-	9.0	2.4	8.0	70	5.8	1	5	2	15	8	0	0	0	0	0	1	0	3	13	6	8	0	5	21	5	0	2	1	0	1	3	7	6	11	
		21	1013.5	-	6.4	1.4	7.7	80	4.9	4	6	4	10	7	0	0	0	0	0	0	2	8	12	7	2	0	5	15	9	2	1	0	0	2	4	9	9	9	
Cheshire Ringway	76m.	3	1013.4	-	4.4	0.7	7.5	89	5.9	2	4	4	8	11	2	1	1	1	0	0	4	7	9	7	0	0	1	11	15	4	1	0	0	1	6	7	5	5	
		9	1013.9	-1.0	5.4	1.0	7.7	85	6.3	0	4	4	9	13	1	0	1	0	1	3	6	9	8	3	0	1	3	11	13	3	2	1	1	0	8	4	10	2	
		15	1013.1	-	8.7	2.3	8.0	70	6.7	1	0	3	16	11	0	0	0	0	0	0	1	11	14	5	0	0	3	23	5	0	1	1	1	0	3	7	9	9	
		21	1013.4	-	6.1	1.2	7.8	82	5.9	2	4	3	7	15	0	0	0	0	0	1	4	15	8	3	0	0	3	14	12	2	1	1	0	1	6	8	8	4	
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1013.9	-	5.4	0.9	7.8	86	3.9	7	8	3	5	8	0	0	0	0	1	0	3	1	9	13	4	2	6	12	9	2	4	1	0	1	6	3	8	6	6
		9	1014.5	+0.5	6.4	1.1	8.0	83	6.0	0	2	6	18	5	0	0	0	0	0	1	1	3	5	16	5	2	8	10	8	3	3	0	0	0	7	5	8	5	
		15	1013.8	-	8.4	1.7	8.6	77	6.2	0	3	6	12	10	0	0	0	0	0	1	2	4	6	11	7	3	6	16	5	1	2	1	0	0	5	8	8	6	
		21	1014.0	-	6.7	1.1	8.3	84	5.6	0	9	1	11	10	0	0	0	0	0	0	2	2	9	15	3	2	7	12	8	2	5	1	0	0	7	5	8	3	
Caernarvon Bardsey Island	19m.	3	1014.3	-	6.4	0.8	8.6	88	4.4	9	2	7	1	12	0	0	0	0	0	0	0	1	11	19	0	3	6	9	12	1	8	1	0	0	2	3	14	2	2
		9	1014.9	-	6.6	0.8	8.6	87	5.9	1	4	5	9	12	0	0	0	0	0	0	0	2	5	23	1	4	8	9	10	0	8	0	0	3	2	3	12	3	3
		15	1014.3	-	7.8	1.0	9.1	85	6.1	0	2	8	9	12	0	0	0	0	0	1	0	1	10	15	4	4	10	7	10	0	5	0	1	0	5	10	5	5	
		21	1014.4	-	7.1	0.9	8.9	88	5.0	5	2	9	4	11	0	0	0	0	0	0	0	1	10	20	0	4	5	11	11	0	8	0	0	1	4	6	10	2	2
8a SOUTH WALES																																							
Cardigan Aberporth	134m.	3	1015.2	-	5.3	0.9	7.8	86	4.7	8	4	2	4	12	1	0	0	0	1	0	1	6	9	9	5	0	10	13	8	0	4	1	1	3	1	8	6	7	7
		9	1016.0	+1.7	5.9	1.1	7.8	83	5.8	0	5	4	14	7	1	0	1	0	0	0	3	0	18	6	3	1	7	15	7	1	5	0	0	0	6	6	8	5	5
		15	1015.4	-	7.7	1.7	8.1	77	5.7	0	4	8	12	7	0	0	0	0	0	0	1	3	13	4	10	0	9	14	7	1	3	1	0	1	3	7	7	8	2
		21	1015.6	-	6.0	1.0	8.0	85	5.4	3	4	6	8	10	0	0	0	0	0	1	0	2	5	8	9	6	1	7	15	7	1	5	1	0	1	6	7	8	2
Pembroke Milford Haven C.B.	39m.	3	1015.9	-	6.2	1.0	8.1	84	3.6	11	2	6	4	8	0	0	0	0	0	0	0	6	17	8	0	0	6	12	13	0	5	2	3	0	2	5	6	8	4
		9	1017.2	-	6.7	1.1	8.3	84	5.2	3	1	10	13	3	1	0	0	0	1	0	0	7	17	5	1	0	3	15	12	1	5	1	4	0	1	6	9	4	4
		15	1016.3	-	8.9	1.8	8.8	77	5.1	1	4	12	8	6	0	0	0	0	0	0	2	7	15	6	1	1	6	20	4	0	6	2	1	0	1	9	7	5	5
		21	1016.2	-	7.0	0.9	8.7	85	5.2	8	5	3	8	7	0	0	0	0	0	0	0	8	14	9	0	1	5	13	8	4	5	0	0	1	4	7	6	4	
Glamorgan Mumbles	37m.	3	1015.7	-	5.7	1.1	7.7	83	4.2	8	4	4	8	7	0	0	0	0	0	0	1	5	12	13	0	3	16	8	1	5	2	3	0	1	6	9	4	4	
		9	1016.6	-	6.2	1.3	7.7	80	5.5	0	4	11	8	8	0	0	0	0	0	0	3	12	12	3	1	1	5	11	14	0	3	2	4	0	0	6	12	4	4
		15	1015.9	-	8.3	2.0	8.1	74	5.7	0	2	10	13	6	0	0	0	0	0	0	1	8	15	5	2	2	8	16	4	1	4	2	2	0	1	9	8	4	
		21	1016.1	-	6.9	1.4	8.1	80	4.5	5	7	3	8	8	0	0	0	0	0	0	0	11	15	5	0	2	4	14	11	0	4	2	0	3	7	5	12		
Rhoose	69m.	3	1015.8	-	4.5	0.8	7.4	86	4.5	10	1	3	7	10	0	0	0	0	0	0	1	4	9	13	4	0	1	12	17	1	2	4	1	2	1	3	11	6	6
		9	1016.8	+1.3	6.1	1.3	7.7	81	5.5	0	5	8	11	7	0	0	0	0	0	0	1	3	16	8	3	0	3	13	12	2	1	4	0	1	1	6	11	5	5
		15	1016.1	-	8.3	2.0	8.1	74	5.4	0	6	7	12	6	0	0	0	0	0	0	0	4	9	11	7	0	2	21	7	1	2	2	1	1	1	2	20	1	1
		21	1016.3	-	6.2	1.2	7.9	82	5.0	2	7	6	3	13	0	0	0	0	0	0	0	10	10	5	6	0	2	17	11	1	4	3	0	1	2	6	7	7	
8b ENGLAND, S.W.																																							
Somerset Yeovilton	23m.	3	1016.4	-	4.3	0.9	7.3	87	4.8	7	2	7	3	12	0	0	0	0	1	0	7	18	5	0	0	1	2	7	14	7	3	0	2	0	5	5	8	1	1
		9	1017.4	-	5.9	1.3	7.5	80	5.5	1	3	9	10	7	1	0	1	0	0	1	4	11	14	0	0	0	2	8	15	6	3	1	0	0	5	6	6	4	4
		15	1016.8	-	9.6	2.7	7.8	65	6.2	0	1	9	13	8	0	0																							

TABLE VIII—NUMBER OF DAYS IN MARCH, 1968
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	10	20	1	0	0	0	0	0	0	0	7	21	2	0	0	Edgbaston	0	3	16	9	2	1	0	0	0	0	0	0	3	23	4	1	0
Stornoway	0	1	25	5	0	0	0	0	0	0	0	9	15	7	0	0	Kew	.. ..	0	3	6	18	3	1	0	0	0	0	0	2	16	12	1	0	
Craibstone	0	5	19	7	0	0	0	0	0	0	0	7	21	3	0	0	Hastings	.. ..	0	3	19	7	2	0	0	0	0	0	0	1	20	9	1	0	
Rothsay	0	1	26	4	0	0	0	0	0	0	0	0	23	8	0	0	Southampton	.. ..	0	2	6	20	3	0	0	0	0	0	0	3	20	8	0	0	
Abbotsinch	0	1	19	11	0	0	0	0	0	0	0	9	16	6	0	0	Stonyhurst	.. ..	0	3	19	8	1	0	0	0	0	0	0	8	20	3	0	0	
Eskdalemuir	.. ..	0	4	21	6	0	0	0	0	0	0	2	9	19	1	0	0	Bidston	.. ..	0	2	21	7	1	0	0	0	0	0	2	23	6	0	0	
Douglas	-	-	-	-	-	-	-	-	0	0	0	2	23	6	0	0	Valley	.. ..	0	1	24	5	1	0	0	0	0	0	0	3	12	16	0	0	
Acklington	0	2	15	13	1	0	0	0	0	0	0	4	22	5	0	0	Falmouth	.. ..	0	1	17	13	0	0	0	0	0	0	0	1	21	9	0	0	
Gorleston	.. ..	0	3	16	11	1	0	0	0	0	0	0	1	25	5	0	0	Aldergrove	.. ..	0	0	21	10	0	0	0	0	0	0	7	20	4	0	0	
Cambridge	.. ..	0	3	10	15	1	2	0	0	0	0	0	6	20	4	1	0	Armagh	.. ..	0	0	15	15	1	0	0	0	0	0	5	21	5	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MARCH, 1968

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																		
Eskdalemuir																		
Cambridge																		
London/ W Centre																		
Kew																		
Bracknell																		
Aberporth																		
Aldergrove																		

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		Daily Mean (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 lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure			
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more	Snow or Sleet																
1967	January	Lisnaffillan			7.3																												1.65		
	March	West Linton																																	
	April	Castle Archdale													73																				
	May	Castle Archdale													187																				
	June	Stanhope Farm			16.9		11.8																												
	November	Whitby			(8.5)	(1.5)	(5.0)	-	13.3	11	-2.2	27	-	-	106	158	36	5	11	10	-	0	-	-	3	5	-	-	2.35	71	-				
		Ushaw													84	113			14	9															
	December	Parkmore Forest											3.4		215			25	22																
		Cupar																																	
		Whitby			7.1	1.4	4.3	-	12.2	22	-3.9	20	-	-	60	94	11	26	18	14	-	-	-	2	10	-	-	-	-	-	-	-			
		Dovercourt			(6.5)	(1.3)	(3.9)	(-1.0)	12.2	22	-5.0	9	-	-	(42)	(82)	7	18	(18)	(13)	5	-	0	0	5	14	13	-	1.99	-	-	-			
		Kensington Palace													62	111			20	14															
		St. James Park													64	125			19	15															
		Rodney Stoke			8.4		5.3		13.3	22,23																									
		Princetown													197	-	69	18	22	20															
		Gorleston											8.1																						
		Whitehilllocks													42	-	13	9	17	10															
		Pomeroy Forest													107				25	23															
1968	January	Benmore Y. B. G.																			13														
		Achnary																																	
		Achnagoichan													73	74	(18)	14	17	14															
		Polloch			7.1	1.1	4.1	-	11.1	18	-0.1	10	-	-	201	-	29	14	26	22	1	-	0	0	0	-	11	15	-	1	-				
		Morley																															0.98		

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazenose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 133112 K.12. 7/68. Gp. 1708. 72-7-68-3.

Monthly Weather Report

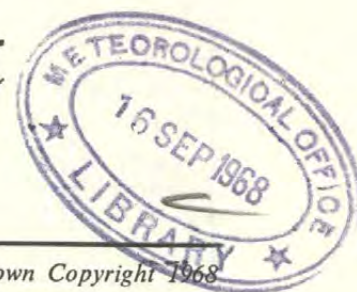
OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 4

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



April 1968 — Cold until mid-month, then much warmer

Weather was mainly cyclonic in character except from the 7th-15th when an anticyclone was centred first over southern England and later over the North Sea, and from the 24th-26th when another anticyclone moved from southern England to the Low Countries.

The month began dull and wet as a depression moved eastwards across southern Scotland. By the 2nd this depression was centred over the North Sea, and associated northerly winds brought snow and a very sharp fall of temperature, first to Scotland, and then to most parts of the United Kingdom. At Beer, Devon, temperature fell from 9°C to -1°C in two hours, and at Ross-on-Wye, Herefordshire, the snowfall was estimated to have been the heaviest for early April since 1922. At other places wind reached gale force at times, a gust of 70 kt being recorded at Lerwick. During the next few days a depression moved slowly northwards over Scandinavia while pressure remained high from Greenland to the Azores. Consequently a cold northerly airstream continued over most districts until the 5th and during this period snow, sleet, scattered thunderstorms and severe night frosts were experienced in many places.

On the 6th pressure rose over southern England and weather became bright and sunny in England and Wales; more than 11 hours of sunshine were recorded in many places and the snow showers were again confined to Scotland. By the 7th an anticyclone covered most of the country, and as this development drifted slowly north-eastwards to the northern North Sea, weather continued generally cold, dry and sunny for about a week. In Scotland afternoon temperatures rose to values above average after the 9th, but in southern England easterly winds maintained below average temperatures until the 14th.

A week of warm unsettled weather began on the 15th as a deep depression, then about 500 nautical miles to the south-west of Ireland, moved northwards. The associated frontal troughs crossing the country brought rain, which was heavy at times, and also scattered thunderstorms, to most districts. The southerly winds persisted, and on the night of the 21st heavy thunderstorms led to flooding in the West Country. The 22nd was unusually warm in central and eastern England in the afternoon, temperatures reaching 25°C in some places.

Pressure rose steadily on the 23rd and the next day an anticyclone covered most districts. Dry sunny weather continued until the 25th, but temperature fell rapidly, on the 23rd and day maximum temperatures in southern England were about 7°C lower than on the previous day. There was a good deal of sea-fog along western coasts and in the English Channel.

On the morning of the 26th light frontal rain, associated with a depression to the south of Iceland, reached Devon and Cornwall, and as the front became slow-moving occasional rain spread to many other parts of the country and continued for about two days. The 28th was a generally showery day with scattered thunderstorms, but by the 29th a complex low-pressure system covered the country, and the last two days of the month were cold and wet; on the 29th 42 mm of rain were recorded at Brawdy.

Pressure and Wind — Mean pressure was mainly above the 1931-60 average in the north and east, but below average in the south and west of the country. The deviation at 0900 GMT ranged from +2.6 mb at Lerwick to -1.7 mb at Chivenor. Surface winds, northerly for most of the first week, were followed by easterlies and then south-south-easterlies from the 16th until the end of the month apart from spells of light variable winds from the 7th-9th and from the 20th-24th. Gales were reported on 7 days in Scotland and on 4 days in England and Wales; they were fairly widespread on the 1st and 2nd.

Temperature — The first two weeks were cold with hard night frosts, but temperature was well above average during the third and fourth weeks. The 21st was the warmest day with afternoon temperatures in central and eastern England reaching 25°C.

Extremes included: (England and Wales) 25.6°C at Santon Downham and Camden Square on the 21st, -11.4°C at Great Dun Fell on the 2nd; (Scotland) 20.6°C at Kinlochewe and Fyvie Castle on the 26th, -10.6°C at Achnagoichan on the 2nd; (Northern Ireland) 17.7°C at Ballykelly on the 25th, -6.1°C at several places on the 2nd and 8th.

Rainfall — In England and Wales rainfall was above average over much of western England and South Wales, in a broad corridor extending from the south coasts of Devon and Dorset north-eastwards to the Humber and Wash, and in parts of south-east England and the Thames Valley. Elsewhere it was below the average. In Scotland rainfall was below the average in the west but above in the east. Rainfall was 150 per cent of the average in parts of Sussex, the Severn and Avon valleys and in east Scotland, but was less than 50 per cent of the average in parts of Norfolk.

Snow and sleet (snow with rain or drizzle) was mainly confined to the first week. Snow-cover was not extensive or prolonged, but snow lay about 5 cm deep in parts of the Midlands on the 2nd.

Thunder was reported on 10 days in Scotland and on 14 days in England and Wales. Thunderstorms were fairly widespread on the 17th and 18th in eastern England and on the 30th in Scotland.

Sunshine — Sunshine was above the average over the whole of Scotland except for a few places near the east coast. Excesses of 40 to 50 hours were recorded in the Central Highlands and in many western districts. Sunshine was also mostly above the average over England and Wales, except in the south-west. Percentage of average amounts ranged from 82 at Sidmouth to 138 at Ringway.

Fog — Localized fog at 0900 GMT was reported on 18 days in Scotland and on 21 days in England and Wales. It was mainly confined to the last week of the month and was fairly widespread on the 25th. There was a great deal of sea fog along the south coast on the 22nd and 23rd.

Miscellaneous Phenomena — The aurora was seen in Scotland on 14 nights.

TABLE I—DISTRICT VALUES, APRIL, 1968

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.	16.9	-8.6	-0.2	-0.6	-0.5	+0.1	-0.5	-5	92	111
1 SCOTLAND, E.	19.4	-6.7	-0.6	-0.6	-0.6	-0.2	-0.5	-1	131	112
2 ENGLAND, N.E.	20.9	-5.6	+0.2	-0.6	-0.2	+0.6	+0.1	-2	117	133
3 ENGLAND, E.	25.0	-6.1	-0.1	-0.2	-0.2	+0.2	-0.1	-1	87	116
4 MIDLANDS	23.3	-7.2	-0.1	-0.4	-0.2	+0.3	0.0	0	105	111
5 ENGLAND, S.E.	23.9	-4.4	-0.3	-0.6	-0.4	-0.2	-0.2	0	122	108
6 SCOTLAND, W.	17.7	-8.6	-0.1	-0.5	-0.3	-0.2	-0.4	-3	75	114
7 ENGLAND, N.W. and N. Wales	19.9	-7.2	+0.4	-0.5	0.0	-0.3	-0.2	0	114	117
8 ENGLAND, S.W. and S. Wales	20.0	-4.4	-0.9	-1.1	-1.0	-0.9	-0.5	0	125	97
N. IRELAND	17.7	-5.6	+0.1	-1.0	-0.4	-	-	+1	88	113
SCOTLAND	19.4	-8.6	-0.3	-0.6	-0.5	-	-	-3	89	112
ENG. and WALES	25.0	-7.2	-0.1	-0.6	-0.3	-	-	-1	109	114

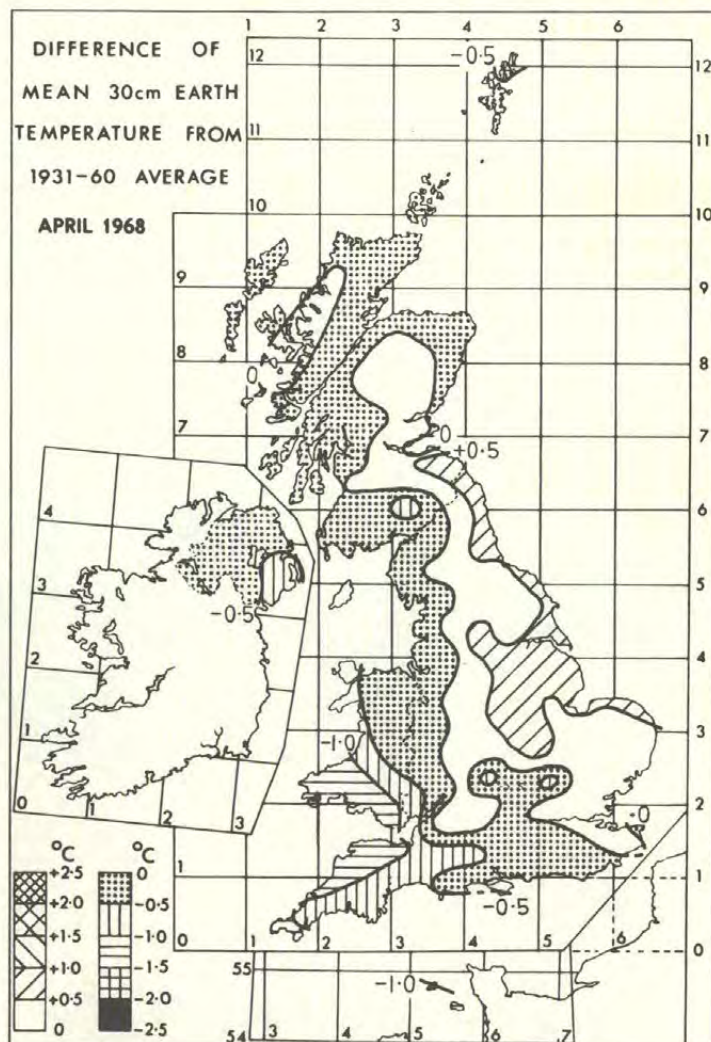
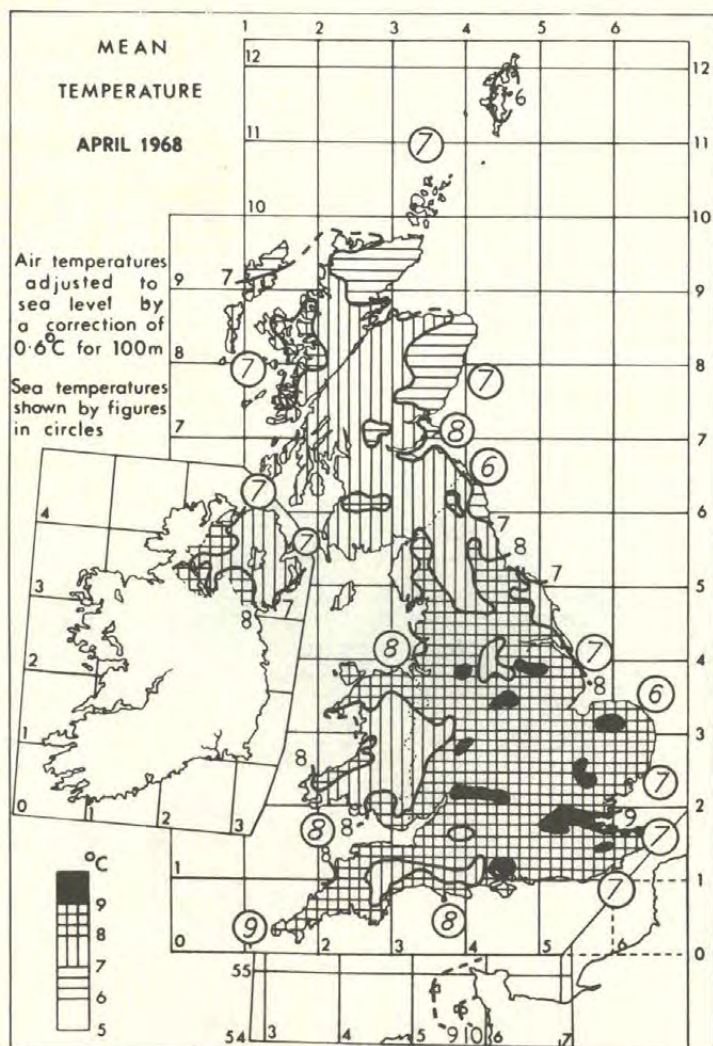
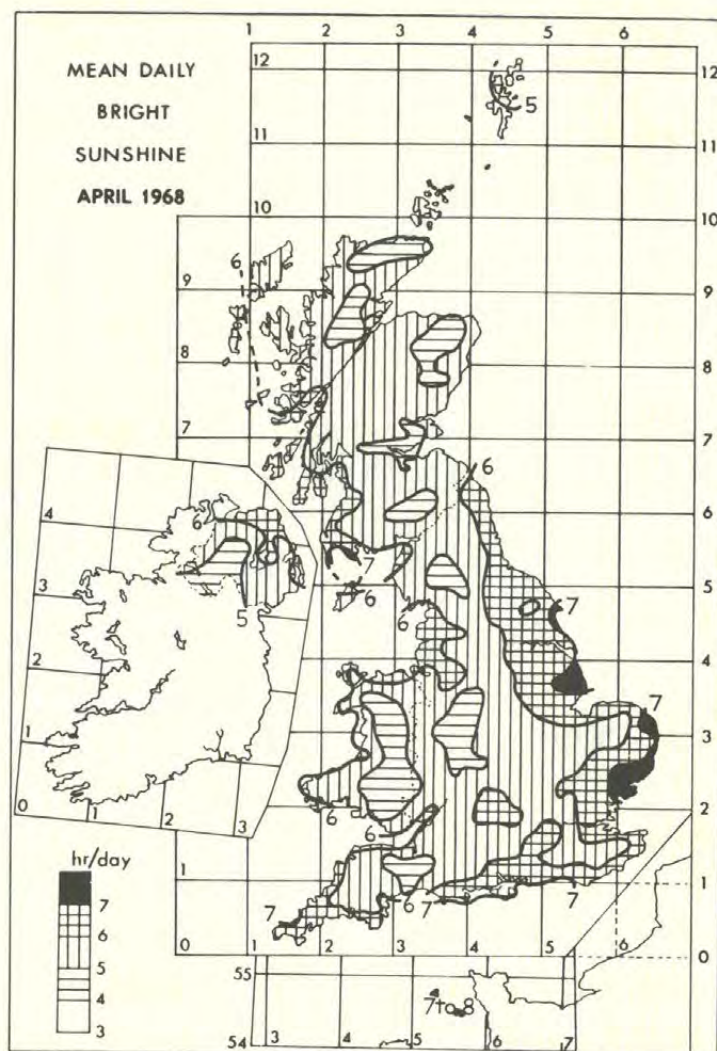
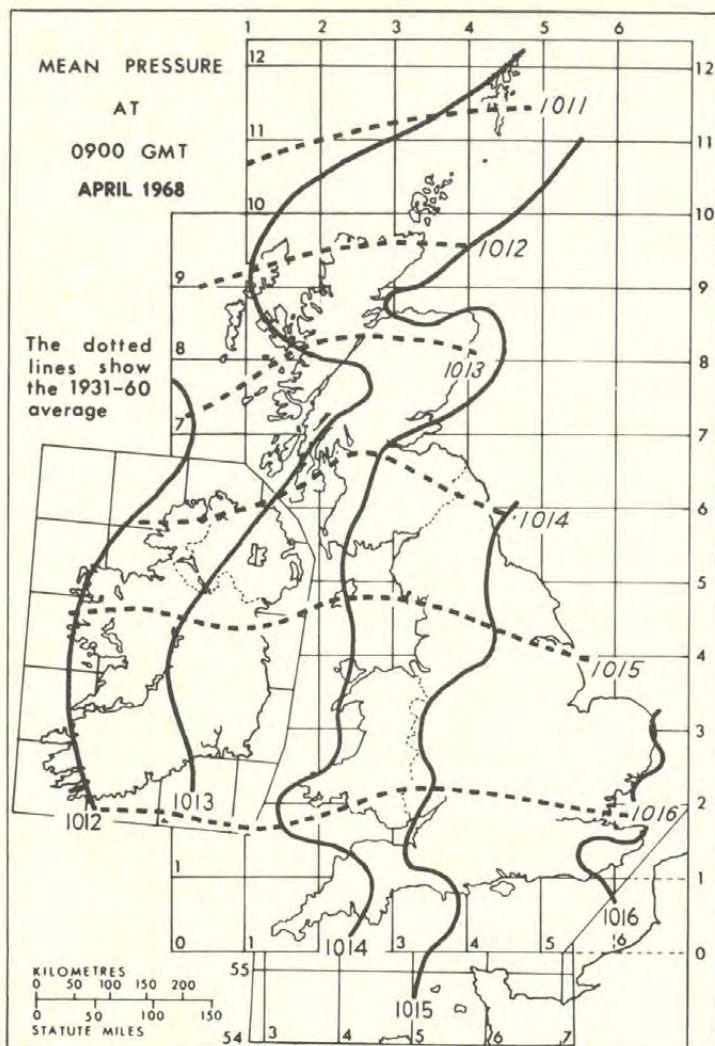
* Highest Max. and Lowest Min. of the District Value Station.

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

FH3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— APRIL, 1968

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		Mean Hourly Wind Speed in 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		Veer from N	Speed in knots	Hour ended at day hour	Veer from N	Speed in knots	Day and Time	
0	Zetland	Lerwick	83	10	10	1, 2, 3	24	9	55	268	313	60	0	12.2	020	45	2	15	040	70	2	1630
	Orkney	Kirkwall	41	15	10	1-3, 8	27	11	89	279	298	27	0	13.6	350	43	1	21	050	59	2	0845
	Caithness	Dounreay	34	12	9	1	1	18	198	333	172	6	10	16.4	330	34	1	21	330	49	1	2000
		Wick	45	10	10	-	0	6	50	282	345	43	0	11.3	030	33	2	10	020	53	2	0935
	Sutherland	Shin	24	10	10	-	0	1	187	331	231	0	0	6.3	090	24	1	19	090	44	1	1840
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	1, 2, 26	4	18	144	282	132	158	0	13.2	350	40	1	16	360	61	1	1455
		Duirinish	38	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Inverness	Benbecula	16	10	10	1	4	9	62	363	252	39	0	12.9	360	40	1	17	360	56	1	1620
		Corpach	23	15	12	16	1	3	17	168	235	269	30	7.2	120	36	16	12	120	65	16	1120
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	92	292	331	5	5.0	DEF	18	8	11	DEF	32	8	1110
		Dalcross	21	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Cairngorm	1074	9	9	8, 16, 18, 27	13	11	84	332	170	57	64	13.7	DEF	37	16	13	DEF	56	27	0050
1	Moray	Kinloss	17	13	13	1	1	6	34	312	309	64	0	10.6	320	35	1	21	330	51	1	1930
		Lossiemouth	31	24	18	1	2	6	44	235	321	118	0	9.8	340	42	1	21	340	59	1	2025
	Aberdeen	Dyce	71	9	9	-	0	4	15	245	295	165	0	8.7	360	26	2	16	330	43	2	2345
	Angus	Bell Rock	39	40	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Perth	Rannoch	307	17	17	-	0	6	26	265	262	147	20	9.0	090	29	16	18	090	43	16	1125
		Tummal Bridge	161	16	16	-	0	0	0	88	351	278	3	5.2	090	18	16	12	110	31	16	1005
	Fife	Leuchars	24	12	12	-	0	5	13	346	263	98	0	10.3	240	26	6	14	290	38	3	0145
	West Lothian	Forth Road Bridge	72	9	72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Midlothian	Turnhouse	42	12	10	-	0	3	3	175	429	113	0	7.7	240	23	6	14	240	38	6	1330
6a	Argyll	Tiree	27	18	14	1, 2, 3	14	13	93	339	178	96	0	13.5	350	42	1	20	280	59	2	0645
	Dunbarton	Cumbernauld	186	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Renfrew	Paisley	57	25	9	-	0	0	0	84	336	300	0	5.2	210	19	2	10	220	41	2	0850
		Abbotsinch	16	10	10	-	0	1	1	261	338	120	0	8.5	220	22	2	10	220	38	2	0955
	Lanark	Lowther Hill	736	13	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Ayr	Hunterston	13	9	9	-	0	4	16	290	261	152	1	9.3	240	28	2	11	040	41	16	0610
		Prestwick	21	10	10	-	0	3	7	284	289	140	0	9.0	260	27	2	10	260	45	2	0920
	Dumfries	Chapelcross	94	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Eskdalemuir	851	33	33	-	0	4	19	190	323	188	0	8.0	220	28	2	12	220	42	2	1150
	Wigtown	West Freugh	25	10	10	-	0	2	7	316	295	102	0	9.7	260	26	2	12	260	46	2	1035
6b	Isle of Man	Ronaldsway	25	10	10	-	0	4	28	296	329	67	0	10.4	260	31	2	13	260	45	2	1150
		Point of Ayre	20	10	10	-	0	7	57	340	259	64	0	12.0	250	33	2	13	220	49	1	1155
2	Durham	Durham	119	16	10	-	0	2	5	109	272	334	0	5.4	250	25	20	06	260	51	20	0535
		South Shields	33	17	13	-	0	2	2	166	425	127	0	7.5	350	22	2	18	350	35	5	1200
	Yorks, N.R.	Leeming	42	10	10	-	0	2	6	213	366	135	0	8.2	230	28	1	13	230	44	1	1345
		Middlesbrough	23	19	19	-	0	5	24	328	320	48	0	11.1	230	32	1	15	230	54	1	1425
		Silpho Moor	207	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Yorks, E.R.	Leconfield	18	10	10	-	0	1	6	219	327	168	0	8.1	220	27	1	15	220	42	1	1505
	Lincoln	Cranwell	88	14	14	-	0	1	10	147	405	158	0	7.4	240	28	1	16	240	41	1	1535
		Binbrook	118	10	10	-	0	1	13	269	383	55	0	9.8	230	31	1	11	230	43	1	1250
		Manby	26	10	10	-	0	1	8	230	426	56	0	9.1	240	24	1	12	240	35	1	1625
3	Norfolk	Gorleston	16	13	13	-	0	1	1	339	275	66	39	10.5	220	22	1	24	090	40	17	2200
	Suffolk	Mildenhall	30	25	18	-	0	1	8	151	415	146	0	7.4	250	25	1	16	250	45	1	1655
	Bedford	Bedford	98	13	9	-	0	1	8	183	417	112	0	8.1	230	25	1	16	230	43	1	1555
		Cardington	69	41	41	-	0	4	24	275	354	67	0	9.9	240	29	1	15	240	44	1	1620
	Hertford	Garston	94	15	10	-	0	0	0	39	420	261	0	5.1	220	16	1	19	200	32	18	1900
		Rothamsted	141	13	10	-	0	0	0	61	482	177	0	5.8	080	17	14	13	300	36	3	1340
	Essex	Stansted	107	9	9	-	0	1	1	133	411	175	0	6.8	080	22	14	13	280	40	3	1350
		Coryton	20	17	15	-	0	0	0	82	494	114	30	6.6	230	18	1	19	230	36	1	1750
		Shoeburyness	36	32	28	-	0	8	30	414	229	45	2	12.0	050	26	14	15	300	41	3	1455
4	Yorks, W.R.	Sheffield	162	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		Church Fenton	18	10	10	-	0	2	9	219	373	118	1	8.6	230	27	1	14	240	40	1	1305
	Warwick	Edgbaston	196	36	22	-	0	0	0	89	537	94	0	6.4	230	17	1	21	330	32	2	0550
		Elmdon	105	9	9	-	0	0	0	216	445	59	0	8.6	280	21	3	14	310	44	3	1145
	Buckingham	Amersham	152	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Stafford	Keele	215	15	10	-	0	0	0	120	404	196	0	6.4	230	18	1	13	330	39	2	0600
	Worcester	Pershore	47	10	10	-	0	3	14	245	341	120	0	8.9	240	27	1	16	240	40	1	1540
5	Greater London	London/W. Centre	93	70	38	-	0	0	0	215	455	50	0	8.9	300	18	3	16	330	38	3	1500
		Heathrow	35	10	10	-	0	0	0	23												



RAINFALL

APRIL 1968

The equivalent values in inches
are given in round numbers.

The exact relation is 10 in. = 254 mm.

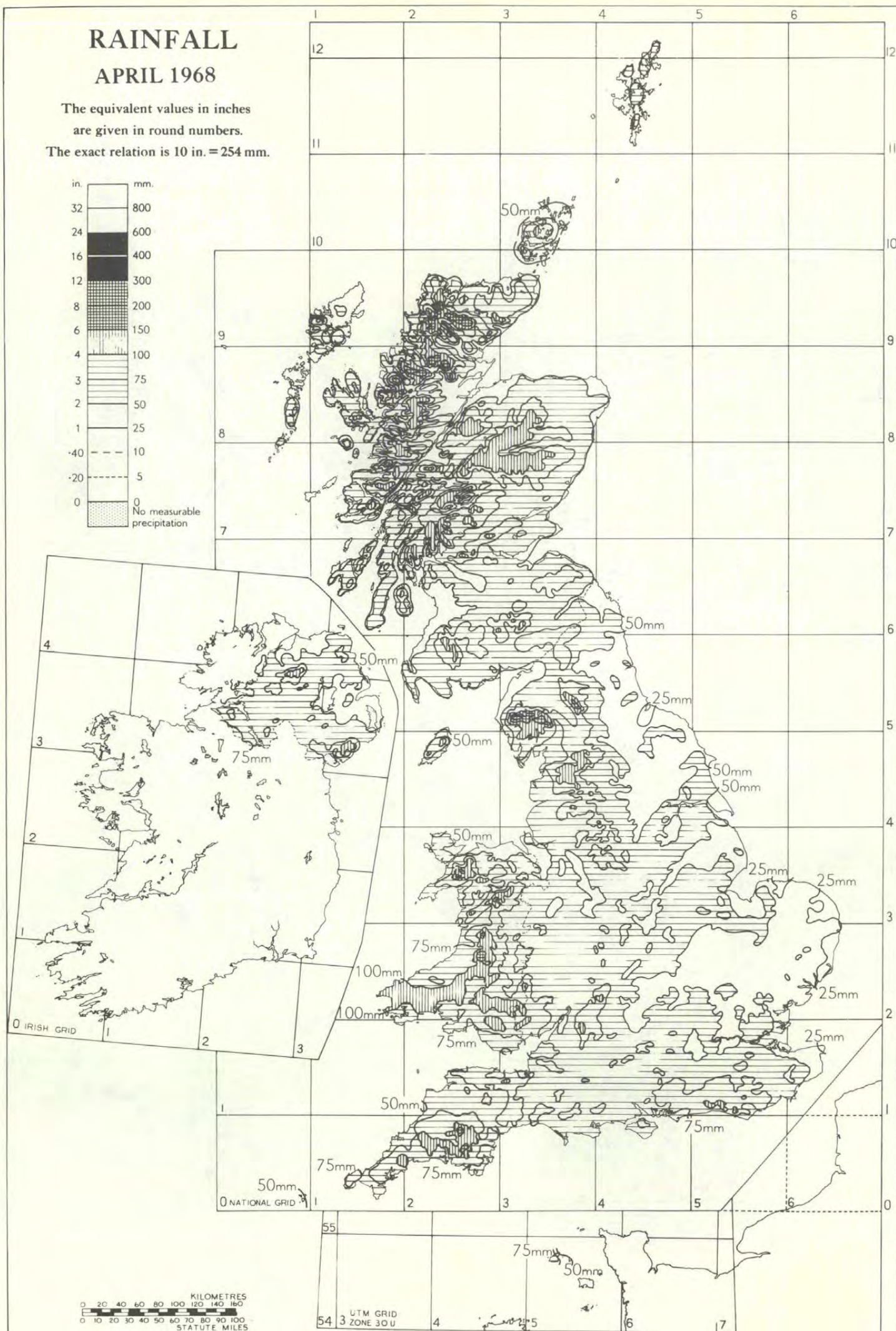
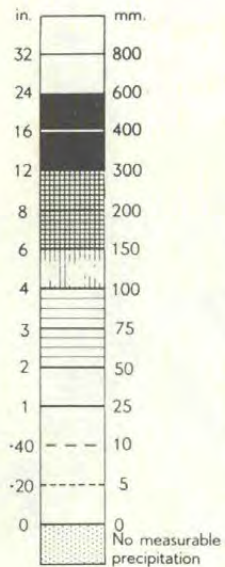


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1968

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 1910-50 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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
			Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																							
0 SCOTLAND, N.																																	
Zetland	...	9 9	21	8.6	3.2	5.9	-	13.3	27,28	-3.9	7	-	-	33	-	9	1	15	10	7	6	5	1	0	0	8	-	-	2	5.50	-	-	
Hamnavoe	...	21-9	82	7.4	2.7	5.1	-0.4	14.1	25	-5.7	7	-	-	55	73	12	1	14	12	8	8	3	4	1	3	9	12	-	4	4.98	113	-	
Lerwick	...	9 9	24	8.9	3.0	5.9	-	14.4	25	-5.0	7	4.8	-	57	76	9	-	16	11	7	6	1	4	1	2	7	-	3	4.28	-	-		
Baltasound	...	9 9	13	8.3	3.7	6.0	-	12.9	26,27	-5.0	2	-	-	52	-	13	19	18	10	7	1	4	0	0	1	7	7	-	3	-	-	-	
Orkney	...	21-9	23	9.6	3.3	6.5	-	17.2	26	-4.4	2	5.9	5.6	87	132	35	1	17	13	7	8	0	0	0	1	9	15	-	1	5.15	-	-	
Stenness	...	9 9	26	9.1	2.9	6.0	-0.3	16.0	26	-4.9	2	-	-	81	123	27	1	14	13	8	5	2	5	0	3	8	14	-	4	4.92	99	-	
Kirkwall	...	9 9	21	10.4	3.2	6.8	-	18.3	27	-4.4	2	-	-	51	-	9	1	15	12	3	2	0	0	0	0	5	11	-	1	-	-	-	
Caithness	...	21-9	36	8.6	3.3	5.9	-0.5	16.9	26	-7.1	2	-	-	65	126	12	18	14	11	7	4	0	6	0	4	8	9	-	2	4.92	97	-	
Wick	...	21-9	112	8.6	4.1	6.3	0.0	14.4	26	-6.0	2	-	-	45	58	10	7	13	10	7	4	0	0	0	0	6	10	-	5	5.57	-	-	
Sutherland	...	9 9	46	10.9	2.1	6.5	-	17.8	29	-7.8	2	-	-	73	-	13	2	13	13	7	7	0	0	1	1	5	13	-	3	-	-	-	
Achfary	...	9 9	85	11.0	1.2	6.1	-	18.3	26	-7.2	2	6.1	5.2	40	52	7	2	15	10	7	7	3	0	0	1	13	19	-	0	-	-	-	
Achany	...	9 9	37	10.9	2.3	6.6	+0.1	18.9	27	-7.2	2	-	-	50	70	10	1	16	13	6	4	1	3	0	2	11	-	0	4.91	118	-	-	
Strathly	...	9 9	137	10.7	1.0	5.9	-	19.4	25	-10.0	2	-	-	73	-	17	1	14	12	7	9	2	5	0	1	13	20	-	1	5.38	-	-	
Achentoul	...	21-9	3	10.3	2.7	6.5	-0.5	15.5	29	-8.6	2	-	-	37	62	7	2	16	9	7	2	0	5	0	0	10	13	-	2	5.49	116	-	-
Ross & Cromarty	...	9 9	4	11.8	4.3	8.1	-	16.7	29	-3.9	2	-	-	53	-	13	2	14	12	3	4	0	0	0	0	3	-	0	-	-	-	-	
Balmacara	...	9 9	6	12.3	4.6	8.5	-	18.9	26	-4.4	2	-	-	53	51	10	2	15	10	6	-	0	2	1	0	3	6	-	0	5.43	-	S	
Poolewe	...	21-9	16	10.2	4.9	7.5	-	16.5	28	-3.8	2	-	-	-	-	-	-	-	-	7	1	5	0	0	0	3	3	-	3	-	-	-	
Rudh Re	...	9 9	14	-	-	-	-	-	-	-	-	-	-	64	68	(18)	2	14	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverpoll	...	9 9	67	12.2	2.9	7.5	+0.6	19.4	26	-6.7	2	-	-	72	51	14	4	15	12	7	8	0	0	0	0	8	-	-	0	-	-	-	
Achnashellach	...	9 9	23	12.9	2.3	7.6	+0.3	20.6	26	-6.1	2	6.8	-	61	43	17	3	15	12	7	6	1	3	1	0	13	12	-	0	4.73	-	S	
Kinlochewe	...	9 9	244	9.3	2.3	5.8	-	16.7	26	-6.7	2,3	-	-	71	-	23	6	17	10	8	10	0	0	-	8	15	-	2	-	-	-	-	
Knockanrock	...	9 9	5	9.8	4.2	7.0	-0.4	15.6	27	-4.4	2	-	-	33	79	9	2	12	5	4	3	0	0	0	0	3	-	-	0	5.38	116	-	-
Fortrose	...	21-9	18	9.5	4.2	6.9	-0.2	18.0	25	-4.0	2	-	-	28	77	8	19	11	6	7	0	0	0	0	2	2	-	2	-	-	-	-	
Tarbatness	...	21-9	6	10.7	4.0	7.3	-0.2	15.8	29	-4.4	2	-	-	46	70	8	3	17	12	7	2	0	7	0	0	6	13	-	2	6.25	-	-	
Inverness	...	9 9	5	11.9	3.6	7.7	-	17.8	29	-3.9	2	8.0	7.0	93	64	14	26	15	13	5	3	0	2	0	0	7	14	-	1	-	-	-	
Isle of Rhum	...	9 9	87	11.6	3.9	7.7	-	17.2	26	-2.2	2	-	-	44	38	14	2	16	10	3	5	0	3	1	0	5	16	-	5	5.67	-	-	
Prabost	...	9 9	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Duntulm	...	9 9	15	11.7	3.4	7.5	+0.1	17.8	26,29	-5.0	2	-	-	58	47	7	20	19	15	-	1	-	-	-	0	8	15	-	-	5.45	136	S	
Onich	...	9 9	8	12.2	3.4	7.8	-	18.3	29	-5.0	2	7.4	6.5	48	-	8	2	19	14	5	2	0	1	0	0	9	13	-	0	5.78	-	-	
Fort William	...	9 9	8	12.6	3.8	8.2	-	17.2	26	-5.6	2	-	-	55	-	9	30	19	15	2	2	0	0	0	0	7	15	-	2	-	-	-	
Corrach	...	9 9	21	11.8	2.8	7.3	+0.2	17.2	25,26	-5.6	2	-	-	34	-	10	2	12	8	5	3	0	0	0	1	12	-	0	5.39	-	-	-	
Fort Augustus	...	9 9	4	11.5	3.7	7.6	-	17.8	25,26	-4.4	2	-	-	32	77	7	6	12	7	6	2	0	0	0	0	3	11	-	0	5.01	-	-	-
Inverness	...	9 9	762	6.6	0.1	3.3	-	12.8	24,25,26	-12.2	2	-	-	-	-	-	-	-	-	3	21	-	-	-	3	10	-	-	-	-	-	-	
Coire Cas Shielling	...	9 9	1090	3.2	-2.7	0.3	-	9.4	25,26	-15.0	2	-	-	-	-	-	-	-	-	21	-	-	-	-	-	17	-	6	-	-	-	-	
Cairngorm	...	9 9	305	10.7	0.9	5.8	-	17.2	26	-10.6	2	5.0	-	72	118	(20)	2	16	11	-	-	-	-	-	-	12	-	-	-	-	-	-	
Achnagoichan	...	9 9	341	10.4	-0.1	5.1	-0.3	17.5	26	-10.1	2	-	-	72	103	21	2	13	12	-	10	-	-	-	-	1	14	22	-	-	6.04	-	-
Glenmore Lodge	...																																
1 SCOTLAND, E.																																	
Nairn	...	9 9	6	10.9	2.8	6.9	-0.4	18.3	25,26	-5.0	2	-	-	43	104	8	18	13	9	5	3	0	1	0	0	9	16	-	0	5.26	111	-	-
Moray	...	9 9	229	11.3	0.5	5.9	-	17.8	26	-9.4	2	-	-	70	-	20	2	14	12	6	9	0	3	0	1	13	21	-	0	-	-	-	-
Grantown-on-Spey	...	9 9	47	10.4	2.9	6.7	-0.6	18.9	26	-5.6	2	7.1	5.8	43	111	9	2	11	7	6	6	1	0	0	1	11	12	-	0	5.24	113	-	-
Forres	...	21-9	5	11.7	2.9	7.3	+0.2	19.0	26	-5.7	2	6.6	-	47	117	9	18	12	8	7	3	0	5	0	0	8	13	-	1	5.51	-	-	-
Kinloss	...	9 9	15	11.8	3.1	7.5	-	20.0	26	-5.6	2	-	-	60	138	14	18	13	12	5	6	0	0	0	1	10	13	-	0	5.79	-	-	-
Elgin	...	9 9	6	11.0	2.3	6.7	-0.4	18.3	25,26,27	-5.0	2	-	-	54	136	12	18	12	10	7	1	3	2	0	0	2	10	13	-	2	-	-	-
Lossiemouth	...	9 9	32	11.5	3.2	7.3	0.0	20.0	26	-6.1	2	-	-	74	157	18	18	13	12	6	3	3	0	0	-	5	-	-	2	5.64	124	-	-
Banff	...	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gordon Castle	...	9 9	24	10.4	3.6	7.0	-	18.9	25	-5.0	2	-	-	56	-	19	18	14	12	6	2	4	0	1	1	7	-	-	4	5.03	-	-	-
Aberdeen	...	9 9	339	10.0	0.3	5.1	-0.1	16.7	26	-9.4	2	-																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total (mm.)	Percentage of 1931-50 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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure	
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-50 average	Maximum	Date	Minimum	Date																				
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-50 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.	Amount (mm.)	Date	0.2 mm. or more	1.0 mm. or more	Thunder heard	Fog at 9hr.	Air Frost	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure					
1 SCOTLAND, E.—cont.																																
Midlothian	Davidson's Mains	99	61	10.8	3.0	6.9	-0.7	18.9	26	-4.4	2	6.4	-	59	141	13	18	16	11	4	3	0	1	0	2	10	12	-	0	4.51	-	S
—cont.	Penicuik ...	99	189	10.8	1.9	6.3	-0.4	17.8	26	-5.6	2	6.7	-	56	101	18	13	10	4	4	0	0	0	1	12	17	-	0	4.92	-	-	
	Bush House ...	99	184	10.2	1.7	5.9	-	17.2	26	-5.6	2	6.2	5.1	54	95	13	18	14	9	3	2	0	0	0	1	11	17	-	0	5.32	-	-
	Edinburgh—																															
	Blackford Hill	99	134	10.7	3.4	7.1	-0.4	18.3	26	-5.0	2	-	-	55	134	13	18	14	9	-	2	-	-	-	2	9	14	-	-	5.23	108	-
	Royal Bot. Gdns.	99	23	10.8	2.7	6.7	-1.0	18.9	26	-4.4	2	7.1	-	50	125	14	18	15	8	2	2	0	0	0	2	10	17	-	0	4.76	99	-
E. Lothian	Haddington ...	99	49	11.4	2.7	7.1	-	18.9	26	-6.1	8	-	-	54	138	21	18	11	8	5	2	0	1	0	0	11	11	-	0	5.57	-	-
	Dunbar ...	99	23	10.2	2.4	6.8	-0.6	18.9	26	-3.9	2	-	-	57	163	15	18	15	8	4	2	1	0	0	0	8	12	-	0	5.45	103	-
Berwick	Mertoun ...	99	69	11.6	1.9	6.7	-	17.8	26	-5.0	7, (8)	-	-	59	-	21	18	13	9	5	-	0	0	1	-	11	18	-	0	5.20	-	-
	Lauder ...	99	183	11.4	0.6	6.0	-	17.8	26	-6.1	8	-	-	79	-	23	18	14	10	4	2	0	0	0	3	13	20	-	0	5.46	-	-
	Marchmont ...	99	152	10.7	2.4	6.5	-0.4	17.8	26	-5.0	2	-	-	66	140	18	18	15	10	5	2	0	0	0	1	9	-	-	0	5.55	117	S
	Whitchester ...	99	255	10.2	1.7	5.9	-	16.7	26	-6.1	2	-	-	81	158	19	18	15	11	6	1	0	0	-	12	-	-	0	-	-	-	-
	St. Abb's Head ...	99	75	9.1	3.6	6.3	-	18.4	26	-4.9	2	-	-	-	-	-	-	-	5	3	1	0	0	3	3	8	-	0	-	-	-	-
Peebles	Stanhope Farm ...	99	226	11.0	1.6	6.3	-	16.1	26, 27	-7.8	7	-	-	71	98	21	18	17	11	2	1	0	0	0	0	11	14	-	0	-	-	-
	Blyth Bridge ...	99	253	10.5	2.1	6.3	-	16.7	26	-6.1	2	-	-	60	101	20	1	13	11	5	2	1	1	0	0	11	18	-	0	5.33	-	-
	West Linton ...	99	244	10.2	1.2	5.7	-	16.7	(17), 26	-6.1	2	5.9	5.1	52	84	17	1	15	9	5	2	0	0	0	1	13	15	-	0	-	-	-
	Glentworth ...	99	177	12.0	1.4	6.7	-	18.3	27	-1.2	8	-	-	62	127	15	18	14	11	-	1	-	-	-	0	11	-	-	0	-	-	-
Selkirk	Bowhill ...	99	183	11.5	2.0	6.7	-	17.2	26	-5.0	2, 7, 8	-	-	66	125	18	18	16	12	4	1	0	0	0	0	11	-	-	0	-	-	-
	Galashiels ...	99	198	10.6	2.2	6.4	-	16.1	26	-5.6	2	-	-	67	-	23	18	14	11	5	2	0	0	0	0	11	11	-	0	4.74	-	-
Roxburgh	Wauchope ...	99	171	11.1	1.4	6.3	-	17.2	26	-5.6	2, (7), 11	-	-	57	103	19	18	15	12	3	0	0	0	0	0	12	-	-	0	-	-	-
	Kelso ...	99	35	12.0	2.4	7.2	-	18.9	26	-5.0	7	-	-	50	-	18	18	12	8	3	1	0	3	1	0	11	13	-	0	5.27	-	-
	Sourhope ...	99	274	11.0	1.8	6.4	+0.1	17.8	26	-7.2	7	-	-	64	-	20	18	13	11	6	1	0	0	0	0	11	15	-	0	5.99	-	-
6a SCOTLAND, W.																																
Argyll	Tiree ...	99	21-9	9	10.4	4.6	7.5	-0.3	15.8	29	-3.8	2	-	33	50	6	22	15	9	6	1	2	4	0	0	4	13	-	2	6.06	106	-
	Rhuvaal ...	99	20	10.8	4.3	7.5	-	14.4	19	-3.6	2	-	-	39	47	9	26	12	9	2	1	0	5	0	0	3	6	-	2	-	-	-
	Colonsay ...	99	27	11.3	4.0	7.7	0.0	16.1	29	-3.3	2	-	-	40	52	9	1	15	10	2	-	3	0	0	0	5	-	1	-	-	-	-
	Aros ...	99	37	12.3	3.2	7.7	-	18.3	29	-4.4	2	-	-	60	-	9	1	16	14	5	2	0	1	1	0	9	15	-	0	-	-	-
	Craighouse ...	99	3	11.4	3.8	7.6	-	14.4	23, 29	-2.8	3	-	-	51	-	(9)	1	13	12	-	0	-	-	-	0	3	10	-	-	-	-	-
	Machrihanish ...	21-9	10	11.2	4.1	7.7	-	15.3	19	-2.5	2	-	-	56	-	15	16	13	9	3	1	0	2	0	0	5	13	-	1	6.57	-	-
	Campbeltown ...	99	3	11.7	4.2	7.9	-	14.4	23	-1.7	8	-	-	39	-	8	19	11	9	2	0	0	0	0	14	2	-	0	6.56	-	-	
	Polloch ...	99	15	12.3	2.9	7.6	-	18.3	29	-6.1	2	-	-	73	-	10	31	18	18	2	-	0	0	0	-	11	15	-	0	-	-	-
	Achaglachgach ...	99	12	11.3	2.8	7.1	-	15.0	24	-4.4	2, 8	-	-	51	54	12	16	14	8	2	-	0	0	0	0	10	14	-	0	-	-	-
	Knapdale Forest ...	99	40	11.7	2.9	7.3	-	16.1	26	-3.9	2, 8	-	-	58	-	9	27	15	11	5	1	0	0	0	0	6	16	-	0	-	-	-
	Glenbranter ...	99	24	11.2	2.4	6.8	-	16.7	26	-5.0	7, 8	-	-	90	-	16	27	15	15	-	3	-	-	-	0	12	13	-	-	-	-	-
	Glen Etive ...	99	24	12.6	3.4	8.0	-	17.8	29	-4.4	2, 7, 8	-	-	67	-	11	3	19	13	3	2	0	0	0	-	8	14	-	0	-	-	-
	Benmore Y.B.G.*	99	12	11.3	3.2	7.3	-	16.1	26	-4.4	2	-	-	84	56	13	27	17	14	3	3	0	0	0	0	10	15	-	0	-	-	-
Bute	Kildonan ...	21-9	18	10.6	4.0	7.6	-	13.0	26	-4.5	2	-	-	45	-	12	19	10	8	3	-	0	1	0	0	2	8	-	0	-	-	-
	Broddick Castle ...	99	15	12.0	3.8	7.9	-	16.1	26	-3.9	2	9.1	-	75	-	17	27	15	11	1	1	2	0	0	0	5	14	-	0	-	-	-
	Rothsay ...	99	43	10.8	4.3	7.5	-0.3	15.6	26	-4.4	2	6.8	6.1	49	59	10	19	13	9	2	1	0	0	0	0	6	13	-	0	5.83	120	-
	Millport ...	99	5																													
Dunbarton	Finnart ...	99	15	10.9	3.4	7.1	-	(15.0)	26	-4.4	2	-	-	86	103	12	1	18	14	0	-	0	0	0	1	7	-	-	0	5.10	109	S
	Helensburgh ...	99	89	11.1	2.7	6.9	-0.5	15.6	24, 26	-5.0	2	-	-	87	-	13	19	18	13	4	-	1	0	0	2	5	-	0	-	-	-	-
	Sloy ...	21-9	12	10.9	3.7	7.3	-	16.0	26	-4.3	2	-	-	70	-	13	19	15	9	2	4	0	0	0	2	12	20	-	0	-	-	-

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1968

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		Daily Mean (Mean of A & B)	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	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 Frosty	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure					
				Max. (A)	Min. (B)		Maximum	Date	Minimum	Date					Amount (mm.)	Date																			
6b ISLE OF MAN																																			
	Ronaldsway ...	21-9	17	10.1	4.3	7.2	15.8	26	-2.2	8	-	-	58	114	13	13	10	4	0	2	2	1	0	3	11	-	0	-	-	-	-	-			
	Douglas ...	9 9	87	9.6	3.9	6.7	14.4	26	-2.2	8	-	-	58	86	12	14	10	2	0	3	0	1	0	4	11	-	0	5.32	90	-	-	-			
	Point of Ayre ...	21-9	9	11.1	4.2	7.7	16.0	23	-3.9	8	-	-	45	99	13	13	6	3	0	0	0	0	5	-	-	2	6.97	-	-	-	-	-			
2 ENGLAND, N.E.																																			
Northumberland	Kielder Castle ...	9 9	201	10.9	0.6	5.7	18.3	26	-8.3	7	6.2	-	79	104	19	18	14	10	3	2	0	1	0	5	12	18	-	0	-	-	-	-			
	Haydon Bridge ...	9 9	79	11.8	1.9	6.9	18.3	26, 27	-5.0	7	7.9	6.8	44	-	17	18	13	8	3	1	0	0	0	11	14	-	0	-	-	-	-	-			
Durham	Corbridge ...	9 9	49	12.0	2.2	(7.1)	19.4	26	-6.7	8	-	-	38	-	13	18	11	8	4	1	0	1	0	1	10	15	-	0	-	-	-	-			
	Berwick-on-Tweed †	9 9	23	9.9	3.3	6.6	-0.8	18.9	26	-3.9	2	-	-	46	135	15	18	13	8	5	1	0	0	0	1	9	11	-	0	6.00	115	-	-		
	Cockle Park ...	9 9	99																																
	Acklington ...	21-9	42	10.9	2.2	6.5	-0.6	19.4	26	-4.6	8	-	-	43	99	11	18	11	8	6	0	0	3	0	2	10	12	-	0	6.19	-	-	-		
	Tynemouth ...	21-9	29	9.8	4.1	6.9	-0.8	19.0	26	-2.5	2.8	-	-	41	100	13	16	14	11	6	0	1	0	2	7	10	-	0	6.61	135	-	-	-		
	Seahouses ...	21-9	11	10.2	3.3	6.7	-	19.3	26	-3.2	2	-	-	46	-	11	18	10	7	4	0	3	0	0	2	7	12	-	0	6.22	-	-	-		
	Chopwellwood ...	9 9	136	12.1	2.6	7.3	-0.1	19.4	26	-3.9	2.7	-	-	46	99	17	16	11	8	5	1	0	0	0	9	20	-	0	-	-	-	-	-		
	Ushaw College ...	9 9	181	11.5	2.6	7.1	-0.1	18.3	26	-3.9	3.8	-	-	52	108	21	16	9	7	3	0	0	3	3	2	10	-	-	-	-	-	-	-		
	Houghall ...	9 9	37	12.3	2.0	7.1	-0.4	19.4	26	-7.2	8	-	-	48	107	20	16	12	6	1	0	3	1	0	11	16	-	0	6.21	136	-	-	-	-	
	Durham	9 9	102	12.2	2.2	7.2	-0.2	18.9	26	-5.6	4	7.9	6.7	47	110	21	16	12	6	-	-	-	-	0	11	13	-	-	6.03	131	-	-	-	-	
Yorks., N. Riding	Hartlepool ...	9 9	9	11.9	4.1	8.0	-	20.0	26	-3.9	8	-	39	95	9	16	14	7	3	0	1	0	1	7	-	-	-	-	-	-	-	-	-		
	Thirsk ...	9 9	34	13.8	2.7	8.3	-	18.9	2, 26, 27	-7.2	8	-	-	52	-	17	16	12	9	2	0	2	0	3	0	11	12	-	0	-	-	-	-	-	
Yorks., E. Riding	Leeming ...	21-9	32	13.4	3.0	8.2	-	19.8	26	-5.7	8	-	38	-	12	18	11	9	5	0	3	0	2	9	14	-	0	6.25	-	-	-	-	-		
	York (Heslington) ...	9 9	20	13.0	3.2	8.1	-	18.9	21	-5.0	8	8.4	7.7	34	-	7	16	14	8	-	-	-	0	10	13	-	-	-	-	-	-	-	-		
	Ampleforth ...	9 9	95	12.1	(3.2)	(7.7)	0.0	18.3	26	-3.9	8	-	-	39	78	10	16	14	11	2	-	0	1	3	0	10	16	-	0	6.24	129	-	-	-	-
	Redcar ...	9 9	8	12.2	(4.2)	8.2	-	21.1	26	-2.2	2.6, 8	-	20	54	7	18	11	10	-	-	-	-	0	6	-	-	-	0	6.10	-	-	-	-	-	
	Pickering ...	9 9	44	12.7	2.3	7.5	-	19.3	25	-7.4	8	-	-	35	-	7	16	13	8	4	1	0	2	0	11	13	-	0	-	-	-	-	-		
	Whitby ...	9 9	41																																
	Scarborough ...	9 9	36	11.9	-	-	19.4	26	-	-	9.7	7.8	36	79	6	16	11	9	3	0	-	-	-	0	-	-	-	-	6.68	133	-	-	-	-	
	Silpho Moor ...	9 9	203	11.1	2.3	6.7	-	18.3	26	-3.9	2.8	6.8	-	49	90	12	17	10	10	2	1	1	0	0	1	10	-	0	6.88	-	-	-	-	-	
	Whitby C'Guard ...	21-9	63	10.6	1.6	(6.2)	-	18.1	25	-7.0	8	-	-	29	-	9	17	10	7	4	0	2	0	1	10	8	-	0	-	-	-	-	-	-	
	High Mowthorpe ...	9 9	175	11.4	(2.7)	(7.1)	-	18.3	26	-5.0	5	6.8	-	50	104	12	17	13	9	-	-	-	-	0	10	13	-	-	5.60	-	-	-	-	-	
Lincoln	Hull ...	9 9	2	13.1	4.4	8.7	0.0	20.0	26	-3.9	8	8.6	7.5	59	128	11	17	11	8	4	0	0	3	0	8	11	-	0	6.45	136	-	-	-	-	
	Leconfield ...	21-9	7	12.7	3.2	7.9	-	18.9	26	-4.5	8	-	71	-	17	30	14	11	4	0	0	2	2	0	10	20	-	0	6.76	-	-	-	-	-	
	Filey ...	9 9	37	10.6	3.4	7.0	-	17.8	26	-5.6	8	-	-	44	91	8	16	15	9	1	-	1	0	0	8	10	-	0	6.62	-	-	-	-	-	
	Bridlington ...	9 9	48	10.8	3.6	7.2	-0.3	18.3	26	-4.4	8	-	-	49	101	9	30	15	10	4	0	1	2	0	6	11	-	0	7.13	134	-	-	-	-	-
	Kilnsea ...	21-9	12	(9.8)	4.6	(7.2)	-	17.3	26	-4.0	8	-	-	47	-	9	16	14	11	4	1	0	1	3	0	5	-	1	6.93	-	-	-	-	-	
	Waddington ...	21-9	68	13.0	3.7	8.3	0.0	20.7	21	-3.9	8	-	-	49	-	15	30	14	10	5	1	0	1	4	0	7	10	-	0	6.88	-	-	-	-	-
	Lincoln ...	9 9	7	13.4	2.1	7.7	-	20.6	21	-8.3	8	8.0	6.0	45	104	12	30	12	10	1	0	0	2	0	12	16	-	0	6.80	-	-	-	-	-	
	Cranwell ...	9 9	62	12.9	3.5	8.2	0.0	20.9	21	-3.5	8	8.6	7.6	61	145	23	30	13	11	3	1	0	4	0	6	13	-	0	6.80	130	-	-	-	-	-
	Brigg ...	9 9	3	13.7	3.5	8.6	-	20.0	21, 25	-6.1	8	-	-	64	-	13	30	15	11	5	1	1	0	4	0	8	16	-	0	-	-	-	-	-	
	Caistor ...	9 9	30	(13.2)	(2.7)	(7.9)	-	20.0	20, 21	-8.3	8	-	-	57	-	16	20	11	9	-	-	-	-	0	10	-	-	-	-	-	-	-	-	-	
Binbrook ...	21-9	108	12.2	4.2	8.2	-	19.3	21	-3.9	8	-	-	46	-	12	30	11	11	6	1	0	2	3	0	8	12	-	0	-	-	-	-	-	-	
Cleethorpes ...	9 9	7	12.5	4.8	8.7	+0.3	20.0	26, 27	-1.7	5, 8	-	-	53	122	12	30	13	11	-	1	-	-	-	6	8	-	-	6.19	117	-	-	-	-	-	
Manby ...	21-9	17	13.0	3.7	8.3	-	20.7	21	-3.8	5	8.8	-	46	109	14	30	12	10	5	0	0	0	3	0	7	13	-	0	6.98	-	-	-	-	-	
Skegness ...	9 9	5	(11.8)	4.3	(8.1)	(0.0)	17.8	26, 27	-4.4	5	-	-	43	106	17	30	11	10	-	0	-	-	0	7	9	-	-	7.09	131	-	-	-	-	-	
3 ENGLAND, E.																																			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1968

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 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1916-50 average	Exposure	
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1916-50 average	Maximum	Date	Minimum	Date																				
4 MIDLAND COUNTIES																																
Yorkshire	Slaidburn ...	99	192	1.3	2.4	(6.9)	-	17.2	25, 26	-5.6	8	-	109	117	31	1	15	12	4	2	0	0	1	1	11	16	-	0	5.99	-	-	
	W. Riding	Malham Tarn ...	99	395	9.7	1.8	5.7	-	16.7	26	-6.1	5	6.6	87	95	21	1	15	12	3	3	0	0	1	0	10	16	-	0	5.36	-	-
	Huddersfield ...	99	99	12.3	(3.3)	(7.8)	-	19.4	26	-5.0	8	8.1	7.0	57	106	16	29	15	10	-	0	-	-	1	7	12	-	-	4.84	121	-	
	" Oakes	21-9	235	11.9	3.0	7.5	-	19.6	26	-3.9	8	7.7	6.4	65	102	15	18	16	11	3	2	0	2	6	2	9	13	-	1	4.85	112	-
	Bradford ...	99	134	11.9	3.4	7.7	0.0	18.9	26	-3.9	8	7.6	6.3	55	93	13	29	16	11	2	1	2	1	3	0	10	17	0	-	-	S	
	Ilkley ...	99	96	-	-	-	-	-	-	-	-	-	-	38	59	11	18	10	9	4	1	1	0	2	-	-	-	-	5.84	127	-	
	Sheffield ...	99	131	12.9	3.9	8.4	0.0	20.0	21.5	-3.9	8	8.1	6.9	47	89	11	18	14	10	3	0	0	2	-	9	11	-	0	5.08	117	-	
	Pontefract ...	99	78	12.5	(3.7)	(8.1)	0.0	18.9	21	-3.3	8	-	-	45	106	14	18	10	9	4	0	1	0	3	0	9	10	-	0	-	-	-
	Bramham ...	99	54	12.9	2.6	7.7	-	20.0	26	-5.6	8	-	-	44	99	10	18	14	10	3	0	0	2	1	0	11	13	-	0	5.98	-	-
	Cawood ...	99	6	13.3	2.5	7.9	-	19.4	26	-6.1	8, 9	8.1	7.1	49	113	14	16	12	8	1	0	0	0	1	0	11	13	-	0	6.01	-	-
	Ashham Bryan ...	99	34	13.1	(3.0)	(8.1)	-	19.4	21	-4.4	8	-	-	46	100	14	16	13	8	2	1	0	0	2	0	11	14	-	0	6.00	128	-
Derby	Buxton ...	99	307	10.2	2.6	6.4	-0.1	18.3	21	-2.8	11	6.3	5.8	80	94	18	1	17	12	6	3	0	0	1	0	10	11	-	0	-	-	-
	Ashover ...	99	186	11.6	2.8	7.2	-	18.9	21	-6.1	8	-	-	71	-	16	18	14	11	4	2	1	0	3	2	10	14	-	0	5.87	-	-
	Derby ...	99	48	13.4	4.1	8.7	-	21.7	21	-5.0	8	-	-	58	116	11	18	14	10	2	0	0	0	3	0	9	10	-	0	5.75	-	-
	Morley ...	99	107	12.8	3.4	8.1	-	20.6	21	-5.0	8	-	-	71	136	15	18	15	13	4	1	0	0	3	-	9	13	-	0	6.08	-	-
Nottingham	Sutton Bonington	99	48	13.3	3.3	8.3	0.0	21.1	21	-6.7	8	8.0	7.2	49	115	9	27	13	9	5	1	0	0	3	0	8	15	-	0	5.48	116	-
	Wattall ...	21-9	118	13.4	3.8	8.6	+0.4	21.5	21	-4.4	8	-	-	56	115	11	27	13	10	6	1	1	2	4	0	9	12	-	0	5.28	111	-
	Nottingham T.C.*	99	48	13.4	3.9	(8.7)	-	21.0	21	-4.2	8	-	-	51	-	10	20	12	9	-	-	-	-	1	7	8	-	-	5.95	-	-	
	Mansfield ...	99	110	12.2	2.9	7.5	-0.7	20.0	21	-4.4	8	8.3	-	63	125	11	30	14	12	2	0	1	0	2	1	10	-	-	0	-	-	-
	Nottingham ...	99	59	12.9	4.7	8.8	+0.1	21.1	21	-2.8	8	8.4	7.2	49	107	10	20	14	9	4	1	1	0	2	0	6	10	-	0	5.07	118	-
	Warsop ...	99	46	12.8	2.1	7.5	-	20.0	21	-6.7	8	-	-	59	148	16	30	15	10	2	0	1	0	1	0	12	18	-	0	5.70	-	-
	Finningley ...	21-9	10	13.9	3.8	8.9	+0.4	20.6	21	-4.6	8	-	-	68	-	16	21	13	11	4	0	1	0	3	0	8	10	-	0	6.38	-	-
Leicester	Newtown Linford	99	119	12.7	3.0	7.9	-	20.6	21	-6.1	8	-	-	51	96	11	27	13	10	2	1	0	0	3	0	9	16	-	0	4.97	-	-
	Caldecott ...	99	53	13.6	2.6	8.1	-	22.8	21	-9.4	8	-	-	62	138	12	20	13	11	-	1	-	-	-	0	10	12	-	-	5.37	-	-
Northampton	Bugbrooke Mills	99	69	-	2.1	-	-	-	-	-6.7	8	8.1	7.2	60	122	9	27	14	12	-	1	-	-	-	1	12	-	-	(5.80)	-	-	
	Raunds ...	99	59	13.4	3.2	8.3	0.0	23.3	21	-7.2	8	9.1	7.3	50	114	9	17	14	11	2	2	1	0	4	0	9	11	-	0	5.12	108	-
	Wittering ...	99	65	12.9	3.6	8.3	-0.1	22.0	21	-5.5	8	-	-	64	142	16	20	15	10	4	2	0	1	5	1	7	15	-	0	5.90	-	-
Warwick	Birmingham K.E.S.**	99	137	12.9	3.3	8.1	-	21.1	21	-3.3	8	-	-	69	118	13	20	17	12	4	2	2	0	6	0	10	-	-	0	-	-	-
	Edgbaston ...	21-9	163	12.0	4.3	8.1	-0.4	20.7	21	-2.9	2	7.4	7.7	76	131	13	20	17	13	4	3	3	2	5	1	5	16	-	0	4.95	107	-
	Luddington ...	99	56	12.7	3.4	8.1	-	21.7	21	-3.9	5, 8	-	-	58	-	12	18	14	11	1	1	0	1	3	3	9	12	-	0	5.16	-	-
	Stratford on Avon	99	49	13.2	2.7	7.9	-	22.8	21	-6.1	8	8.8	-	60	154	11	28	14	11	2	1	0	1	4	2	11	15	-	0	4.43	-	-
	Elmdon ...	21-9	97	12.4	2.8	7.6	-0.3	21.4	21	-6.6	8	-	-	67	134	13	18	17	11	4	1	2	1	5	0	10	17	-	0	5.08	-	-
	Shipston on Stour	99	111	12.3	3.2	7.7	-	22.2	21	-3.3	8	7.5	-	60	119	12	1	13	10	4	3	1	0	4	1	8	21	-	0	5.44	-	-
	Wellesbourne ...	99	47	(12.9)	-	-	-	20.0	21	-	-	-	-	52	109	10	18	11	11	-	-	-	-	-	-	-	-	-	-	-	-	-
	Coventry ...	99	107	(12.3)	(3.5)	(7.9)	-	20.6	21	-3.9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	(3.98)	-	-
	Moreton Morrell	99	85	12.7	2.9	7.8	-	22.2	21	-5.0	8	-	-	54	109	9	18	13	11	2	1	0	1	3	3	10	15	-	0	5.29	-	-
	Rugby ...	99	117	12.6	3.2	7.9	-0.3	21.7	21	-5.0	8	8.6	8.2	80	157	14	1	13	13	3	1	0	0	5	0	8	11	-	0	-	-	-
Oxford	Brize Norton ...	21-9	84	12.7	3.7	8.2	-	21.5	21	-4.0	5	-	-	49	-	8	27	14	11	2	0	1	1	4	1	6	15	-	0	-	-	-
	Oxford ...	99	63	13.0	4.4	8.7	-0.4	22.8	21	-3.3	8	9.1	7.9	46	96	7	28	15	12	1	1	0	1	3	0	6	13	-	0	6.15	116	-
Buckingham	Medmenham	99	30	13.8	2.0	7.9	-	22.8	21	-6.7	8	-	-	50	-	8	28	14	11	-	-	-	-	-	12	21	-	-	-	-	-	-
	Grendon Underwood	99	67	13.2	2.2	7.7	-	22.8	21	-7.2	8	8.7	7.5	51	-	9	17	12	11	1	1	0	0	0	-	11	16	-	0	5.67	-	-
	Aylesbury ...	99	96	12.9	3.1	8.0	-	22.8	21	-6.1	8	-	-	57	117	11	18	11	11	2	0	2	0	3	0	9	16	-	0	5.31	-	-
	Bletchley ...	99	86	-	(3.1)	-	-	-	-	-5.0	8	-	-	45	-	9	29	14	11	2	1	0	2	3	1	-	-	-	-	0	-	-
Stafford	Keele ...	99	179	11.7	3.4	7.5	-	18.9	21	-2.8	8	7.4	6.3	56	111	18	17	12	3	0	0	1	4	0	9	15						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1968

DISTRICT, COUNTY AND PLACE		Max. Min. Terminal hr. GMT of Observation	Height of Station above MSL (meters)	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	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.	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
5 ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL.

1968

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		Daily Mean (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure		
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																						
7a ENGLAND, N.W.—cont.																																		
Lancashire		99	21	12.3	3.4	7.9	-	18.3	21.26	-5.6	6	-	67	132	14	18	14	11	-	1	-	-	-	0	10	15	-	-	6.64	-	-	-		
—cont.		99	54	12.2	3.8	8.0	-	18.2	21.26	-3.2	5	-	71	-	13	18	15	14	-	0	-	-	-	0	9	14	-	-	6.37	-	-	-		
Morecambe		99	7	12.4	4.7	8.5	+0.2	19.4	26	-1.7	5.8	-	59	113	14	18	14	10	0	0	3	0	2	0	5	-	0	6.42	116	-	-	-		
Penketh		99	15																															
Preston		99	33	12.6	3.9	8.3	-	19.4	21	-3.3	8	-	77	137	15	1	16	11	4	0	0	4	6	0	9	12	-	0	-	-	-	-		
Bolton		99	107	12.1	3.4	7.7	-	18.9	21	-3.9	8	7.1	71	-	20	18	15	14	-	1	-	-	-	0	10	15	-	-	5.91	-	-	-		
Stonyhurst		99	115	12.3	(3.1)	(7.7)	(0.0)	18.3	21.25, 26	-3.0	8	-	64	94	23	1	11	10	-	0	-	-	-	0	10	-	-	-	-	-	-	-		
Manchester/W. Centre																																		
Helmshore		99	260	10.7	(2.8)	(6.7)	-	17.8	21	-3.3	2, 6, 8	7.2	96	102	21	18	16	13	-	0	-	-	1	16	-	-	-	5.82	-	-	-	-		
Burnley		99	200	11.8	2.6	7.2	-	18.3	26	-5.6	8	6.7	78	-	18	18	16	13	4	1	0	1	3	0	11	14	-	0	5.88	-	-	-		
Nelson		99	165	11.4	3.1	7.3	-	17.9	26	-4.0	8	7.4	88	129	29	29	15	9	-	2	-	-	-	0	10	12	-	-	6.05	-	-	-		
Rochdale		99	110	12.3	3.2	7.7	-	19.4	21	-4.4	8	-	75	110	15	18	18	14	4	1	2	0	3	0	9	14	-	0	5.62	-	-	-		
Cheshire																																		
West Kirby Park		99	8	13.1	(4.2)	(8.7)	-	20.6	26	-2.2	9	-	41	-	8	18	15	9	-	0	-	-	-	5	10	-	-	6.46	-	-	-	-		
Bidston		99	60	11.8	4.8	8.3	0.0	18.9	21.26	-0.6	3, 8	-	58	134	10	18	15	11	-	-	-	-	0	4	10	-	-	6.35	121	-	-	-		
Ness Gardens		99	55	12.8	(3.4)	(8.1)	-	(20.0)	(26)	-2.2	8	-	48	-	12	18	14	11	-	-	-	-	9	13	-	-	-	-	-	-	-	-		
Winnington		99	20	13.4	4.4	8.9	-	20.0	21	-2.2	9	-	59	124	17	18	16	12	2	0	3	0	4	0	6	11	-	0	-	-	-	-		
Knutsford		99	65	13.4	3.5	8.5	-	21.2	21	-2.9	8	8.2	7.1	52	105	18	18	15	11	-	0	-	-	9	11	-	-	-	-	-	-	-		
Ringway		21-9	76	12.7	4.2	8.5	+0.4	19.6	21	-2.3	6	-	46	95	17	18	16	7	5	1	0	2	4	0	9	12	-	0	6.35	138	-	-	-	
Macclesfield		99	152	12.4	3.7	8.1	+0.2	20.6	21	-2.2	8	-	63	101	17	18	18	11	5	3	0	3	3	0	9	-	0	-	-	-	-	-		
7b NORTH WALES																																		
Flint		99	9	12.3	4.7	8.5	-0.1	20.0	26	-1.7	8	-	34	86	8	20	11	9	3	0	2	2	3	0	3	4	-	0	6.26	115	-	-	-	
Prestatyn		99	4	12.4	(4.4)	(8.4)	-	20.6	26	(-1.1)	(12)	-	48	111	12	22	14	11	3	0	1	0	3	0	3	-	-	6.07	117	-	-	-	-	
Hawarden Bridge		99	5	(13.1)	3.6	(8.3)	(-0.6)	19.4	21.26	-3.9	9	-	(41)	(90)	11	18	14	(11)	2	0	0	2	4	0	6	-	-	0	-	-	-	-		
Anglesey																																		
Valley		21-9	10	11.4	4.8	8.1	-0.4	17.2	21	-1.6	8	-	63	131	11	27	15	13	3	0	3	0	2	0	3	11	-	1	6.04	102	-	-	-	
Denbigh																																		
Colwyn Bay		99	36	11.9	4.4	8.1	-0.6	20.0	26	-0.6	8, 12, 14	8.5	39	88	9	1	13	10	4	0	1	0	2	0	4	-	-	6.64	120	-	-	-	-	
Alwen		99	335	10.1	0.4	5.3	-	17.2	26	-7.8	9	-	-	-	-	-	-	-	-	-	-	-	-	14	15	-	-	-	-	-	-	-		
Ruthin		99	76	12.2	3.3	7.7	-	18.9	26	-2.8	8	-	42	-	6	18	15	10	-	0	-	-	-	0	9	-	-	5.50	-	-	-	-	-	
Loggerheads		99	210	11.2	2.2	6.7	-	18.3	26	-4.4	9	6.9	6.7	44	-	8	20	17	13	5	3	1	1	6	0	12	15	-	0	5.30	-	-	-	
Bwlchwyn		99	386	(7.2)	1.5	(4.3)	-	14.4	26	-3.9	2, 8, 12	5.8	88	120	15	22	18	15	4	4	0	1	2	0	13	16	-	0	-	-	-	-	-	
Wrexham		99	84	12.9	4.0	8.5	-	20.0	21	-3.3	9	7.5	6.9	45	79	12	18	14	9	4	0	0	0	2	3	5	12	-	0	-	-	-	-	
Caernarvon																																		
Bardsey Island		21-9	18	9.9	5.6	7.7	-	13.9	21	-1.0	2	-	77	-	15	2	14	12	-	1	-	-	2	1	6	-	-	-	-	-	-	-	-	
Botwnnog		99	34	11.6	3.9	7.7	-	16.1	20, 21	-1.1	2, 3, 8	9.0	8.2	74	-	16	27	15	14	3	1	2	0	1	2	6	15	-	0	5.80	-	-	-	
Bryn Adda		99	84																															
Aber		99	18																															
Merioneth																																		
Trawsfynydd		99	186	(11.3)	(2.7)	(7.0)	-	18.9	26	-3.3	2	-	60	-	17	1	14	12	-	-	-	-	-	9	15	-	-	-	-	-	-	-	-	
Blaenau Ffestiniog		99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	0	-	-	-	-	-	-	-	-	-	
Corwen		99	144	11.7	2.2	6.9	-	18.9	26	-5.0	9	-	72	107	11	1	16	14	4	4	1	1	3	-	13	17	-	0	-	-	-	-	S	
Montgomery																																		
Ceinws		99	61																															
Lake Vyrnwy		99	303	9.9	1.8	5.9	-	16.7	26	-3.9	8	6.3	-	93	90	21	1	16	12	4	3	0	0	2	0	10	15	-	1	-	-	-	-	
8a SOUTH WALES																																		
Cardigan																																		
Aberporth		21-9	133	10.8	4.3	7.5	-0.7	17.1	26	-1.8	2	-	90	151	33	29	14	12	4	1	3	1	1	1	2	9	-	0	6.32	-	-	-	-	
Aberystwyth																																		
Frongoch		99	138	11.7	3.2	7.5	-0.5	17.8	26	-2.8	5	-	61	104	21	29	17	9	3	2	2	0	2	0	8	14	-	0	5.69	108	-	-	-	
Gogerddan		99	31	12.4	3.1	7.7	-	18.9	26	-3.3	5	-	67	115	20	29	14	8	2	2	1	0	1	0	10	15	-	0	5.93	-	-	-	-	
Swyddffynnon		99	165	11.9	3.2	7.5	-	18.3	26	-3.9	5	-	83	107	23	1	15	13	-	3	-	-	-	0	8	16	-	-	5.84	-	-	-	-	
Trawscoed		99	61	12.1	2.4	7.3	-	18.3	21.26	-5.0	5	8.1	-	-	-	-	-	-	-	0	0	0	0	0	12	17	-	0	6.00	-	-	-	-	

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

APRIL,

1968

DISTRICT, COUNTY AND PLACE	Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (metres)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARLY TEMPERATURES °C		RAINFALL (Terminal hour 0 GMT)		WEATHER (Number of Days)												BRIGHT SUNSHINE					
				MEANS OF				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1915-50 average													Daily Mean (hr.)	Percentage of 1911-50 average	Exposure			
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date					Most in a Day	Precip'n	0.2 mm. or more	1.0 mm. or more	Snow or Sleet	Snow lying at 8hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 8hr.	Air Frosty	Grass min. below 0°C				Concrete min. below 0°C	Gale	
8b ENGLAND, S.W.—cont.																																	
Devon				36	11.6	5.1	8.3	-1.4	15.6	26	-0.6	5	9.4	9.3	89	160	19	20	15	13	1	0	1	0	1	1	1	12	-	0	5.94	98	-
—cont.				139	11.9	3.5	7.7	-1.1	16.1	24,25	-2.2	9	-	-	106	-	15	27	19	15	2	1	2	0	1	0	6	19	-	0	-	-	-
	21-9	6	12.4	4.7	8.5	-1.1	18.3	25	-1.2	5	-	-	-	-	65	117	10	2	15	12	3	1	3	0	1	1	3	12	-	0	5.92	-	-
	99	8																															
	99	37	11.9	3.3	7.6	-	17.2	25	-4.4	9,10	8.9	8.3	89	117	15	28	16	15	2	0	2	0	1	0	7	15	-	0	5.47	-	-	-	
	99	32	11.3	5.2	8.3	-	14.4	24	0.0	3,4	-	-	72	-	9	28	16	15	2	0	2	0	0	2	2	6	-	0	-	-	-	-	
	99	83	11.2	(3.5)	(7.3)	-1.7	15.6	24,25	-2.2	9	-	-	77	122	9	20	16	14	3	0	-	-	2	3	10	8	-	0	6.07	103	-	-	
	99	8	11.6	5.3	8.5	-0.9	16.1	23,24	-0.4	9	-	7.3	57	99	10	27	15	13	2	0	1	0	1	0	1	5	3	7	-	0	6.05	96	-
9 NORTHERN IRELAND																																	
Londonderry				174	11.3	2.4	6.9	-	16.7	25	-5.0	2	-	-	63	-	11	1	17	14	4	3	0	0	0	0	10	15	-	0	-	-	-
	21-9	2	12.5	3.8	8.1	-0.1	17.7	25	-3.1	8	8.5	7.5	41	70	6	19	16	10	5	0	2	3	1	0	7	14	-	0	5.97	114	-	-	
	99	88	12.3	2.5	7.4	-	16.7	25	-4.4	2	-	-	69	-	15	16	18	14	4	3	0	2	1	0	10	18	-	0	-	-	-	-	
	99	43	12.2	2.8	7.5	-	16.1	19	-3.3	8	-	-	36	-	7	1	14	10	2	0	2	0	0	0	9	14	-	0	-	-	-	-	
	99	91	11.7	2.4	7.1	-	16.1	19,25	-3.9	8	7.7	6.8	59	-	8	19	17	12	4	1	5	0	0	0	10	14	-	0	-	-	-	-	
Antrim				34	12.3	2.4	7.3	-0.6	16.5	19	-4.9	13	7.8	-	53	77	10	20	15	11	5	1	4	1	0	10	18	-	0	-	-	-	
	21-9	9	-	-	-	-	-	-	-	-	-	-	40	-	8	3	15	8	-	-	-	-	-	-	-	-	-	-	6.32	-	-	-	
	99	55	11.9	3.2	7.5	-	16.7	19	-2.8	2,13	-	-	48	-	10	20	16	11	3	-	0	0	0	0	9	-	-	0	-	-	-	-	
	99	38	11.8	2.0	6.9	-	15.6	19,20,26	-6.1	8	-	-	59	-	12	27	16	9	0	0	0	0	0	0	11	14	-	-	5.99	-	-	-	
	21-9	69	11.9	3.1	7.5	-0.4	16.3	19	-3.6	2	7.6	6.9	47	76	10	19	15	13	4	0	3	1	1	0	8	13	-	0	6.28	126	-	-	
	99	32	11.9	2.8	7.3	-	16.1	19,24,26	-4.4	8	7.6	-	45	-	10	19	13	11	2	0	0	0	1	-	11	15	-	-	-	-	-	-	
	99	226	10.1	2.7	6.4	-	15.6	26	-3.9	2	-	-	89	-	15	16	17	14	3	3	1	3	0	0	8	14	-	1	6.32	-	-	-	
	99	235	9.7	2.1	5.9	-	14.4	19	-5.6	2	5.9	-	82	-	20	2	16	12	4	3	1	0	0	2	8	13	-	2	-	-	-	-	
	21-9	295	9.4	-2.6	6.0	-	14.2	19	-2.8	2	-	-	54	-	13	27	16	12	2	-	0	0	0	6	7	-	-	2	-	-	-	-	
	99	271	9.5	-2.2	6.9	-	13.9	19,26	-5.6	2	6.0	-	69	-	11	2	14	11	5	1	0	0	0	4	8	14	-	0	5.48	-	-	-	
	99	152	10.4	2.8	6.6	-	15.6	19,25,26	-3.9	2,8	-	-	73	-	15	16	14	11	3	1	1	0	1	0	7	11	-	2	6.75	-	-	-	
	99	35	11.6	3.4	7.5	-	16.7	23	-3.3	2	7.6	-	39	-	9	19	16	9	0	-	0	0	0	3	7	13	-	0	5.51	-	-	-	
	99	32	11.5	4.1	7.8	-	15.6	19,26	-2.8	2	8.2	-	43	-	10	19	16	9	5	0	4	0	1	0	4	15	-	0	5.74	-	-	-	
	99	217	9.9	2.2	6.1	-	14.4	19,26	-6.1	2	-	-	53	67	12	19	15	10	4	2	0	0	1	4	9	16	-	0	-	-	-	-	
	99	43	11.4	3.2	7.8	-	15.6	19,23	-3.3	8	-	-	50	74	12	19	15	13	1	0	0	0	0	0	9	-	-	0	-	-	-	-	
	99	22	11.2	3.2	7.2	-	14.4	19,20,26	-3.9	2	-	-	33	-	9	19	14	9	1	0	0	0	0	0	11	12	-	0	-	-	-	-	
Down				24	11.2	4.1	7.7	-	15.6	19	-2.8	2	-	-	50	-	10	19	15	12	0	-	0	0	-	3	10	-	-	-	-	-	-
	99	116	10.6	3.2	6.9	-0.7	15.0	20	-3.3	2	7.1	6.4	48	86	9	16	17	12	1	0	0	0	0	0	8	12	-	0	5.35	111	-	-	
	21-9	18	9.6	4.0	6.8	-1.3	12.5	9,23	-2.3	2	-	-	61	-	13	19	18	11	2	0	1	0	0	0	4	10	-	1	5.42	-	-	-	
	99	76	10.6	3.6	7.1	-	15.0	23,24	-3.9	2	-	-	109	130	30	19	16	14	2	1	0	0	0	0	6	13	-	0	-	-	-	-	
	99	24	11.3	3.3	7.3	-	15.6	19	-4.4	2	-	-	37	-	10	19	14	9	1	0	0	0	0	0	8	-	-	-	-	-	-	-	
	99	56	11.2	3.5	7.3	-	15.0	19	-3.3	2	7.9	7.2	38	64	12	19	14	7	1	0	0	1	1	1	7	11	-	0	6.00	-	-	-	
	99	36	11.0	3.4	7.2	-	14.4	24	-3.9	2	7.1	-	52	-	13	19	17	8	1	1	0	0	0	1	10	16	-	0	-	-	-	-	
	99	119	10.5	3.3	6.9	-	13.9	19,20	-3.3	2	-	-	38	-	11	19	12	7	2	0	2	0	0	0	6	12	-	0	-	-	-	-	
	99	12	11.0	4.1	7.5	-	14.4	24	-2.8	2	-	-	32	-	10	19	13	8	-	-	-	-	0	5	11	-	-	6.35	-	-	-	-	
	99	43	11.5	4.0	7.7	-	15.6	19	-2.2	2	-	-	39	-	11	19	13	10	2	0	0	2	1	0	4	14	-	0	6.56	-	-	-	-
	21-9	15	9.3	3.9	6.6	-	12.7	23	-3.0	2	-	-	60	-	12	19	13	10	4	1	2	0	0	1	7	10	-	1	-	-	-	-	
	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.65	-	-	-	
Armagh				62	12.4	3.3	7.9	-0.4	17.2	20,24,25	-4.4	2	8.7	7.5	57	107	10	19	17	14	5	0	0	0	0	9	12	-	0	5.06	109	-	-
	99	25	11.8	2.9	7.3	-	16.1	19,20,25	-3.3	2,13	-	-	50	105	11	16	17	12	2	0	0	2	0	1	10	17	-	0	5.48	-	-	-	-
	21-9	134	10.9	3.9	7.4	-	15.4	19	-3.3	2	-	-	59	-	15	19	17	9	4	0	1	1	0	0	5	12	-	0	-	-	-	-	-
	-	76	-	-	-	-	-	-	-	-	-	-	75	125	15	19	18	12	-	-	-	-	-	-	-	-	-	-	5.25	108	-	-	
	99	16	12.1	3.2	7.7	-	16.7	19,20	-3.9	13	9.5	7.7	57	-	15	16	16	12	0	-	0	0	0	-	10	13	-	0	-	-	-	-	
	99	55	11.7	2.9	7.3	-	16.1	20	-3																								

1968

[illegible]

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

APRIL,

1968

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	Caln										
																									34 or more	22-33	11-21	1-10	0										
Number of Observations																																							
2 ENGLAND, N.E.																																							
Northumberland Acklington 46m.	3	1014.3	-	3.6	0.5	7.5	91	4.7	5	5	4	5	11	0	0	0	0	0	3	5	8	8	4	2	0	0	0	0	2	23	5	3	2	0	7	0	1	9	3
	9	1014.4	+0.5	7.2	1.5	8.2	78	5.7	0	5	7	10	6	2	0	1	1	0	1	5	5	9	1	7	0	0	0	12	16	5	3	2	0	7	0	1	9	3	
	15	1013.6	-	9.7	2.5	8.4	69	5.1	1	5	7	14	3	0	0	0	0	0	0	4	5	8	8	5	0	1	18	11	0	3	4	2	2	7	1	2	1		
	21	1014.5	-	5.2	0.8	8.0	88	5.0	2	5	8	8	6	1	0	0	0	1	0	6	15	5	2	1	0	1	2	22	5	2	2	2	2	6	3	1	3		
	3	1015.0	+0.5	6.9	1.4	8.1	80	5.3	3	4	5	7	10	1	0	1	0	0	2	5	13	8	1	0	0	0	10	19	1	1	2	4	3	5	1	13	0		
Tynemouth 40m.	9	1014.2	-	9.0	2.3	8.2	72	5.0	3	4	7	10	6	0	0	0	0	0	3	10	9	8	0	0	0	0	20	9	1	3	0	6	6	4	3	6	1		
	15	1014.8	-	6.7	1.3	8.1	81	5.4	2	3	9	7	8	1	0	1	0	0	1	8	15	5	0	0	1	8	19	2	2	0	5	3	9	0	7	2			
	21	1014.5	-	4.4	0.5	7.9	92	5.2	3	6	3	4	12	2	0	2	0	1	2	1	11	7	5	1	0	0	4	21	5	2	0	3	3	6	1	9	1		
	3	1014.6	-	6.7	1.1	8.5	85	5.0	1	6	7	8	7	1	0	1	0	1	2	3	7	9	4	3	0	0	8	17	5	1	1	4	2	6	1	9	1		
	9	1013.9	-	9.2	2.0	8.8	75	4.8	0	8	8	10	4	0	0	0	0	0	1	3	8	7	3	8	0	0	3	8	19	0	3	0	7	3	7	1	7	2	
Seahouses 12m.	15	1014.3	-	6.5	1.4	7.8	79	4.3	2	9	7	6	5	1	0	0	1	0	0	4	9	5	7	4	0	0	4	19	7	2	0	2	3	7	1	5	3		
	21	1014.4	-	4.8	0.8	7.8	87	4.3	7	5	3	6	9	0	0	0	0	0	1	2	13	8	3	3	0	0	6	16	8	3	0	2	3	7	1	5	3		
	3	1015.0	-	7.9	1.8	8.3	76	5.2	2	5	4	13	6	0	0	0	0	0	1	2	8	9	3	7	0	1	8	20	1	2	2	4	1	10	4	1	5		
	9	1013.6	-	11.8	3.4	8.5	60	5.7	1	2	7	15	5	0	0	0	0	1	1	5	12	6	5	0	0	15	13	2	1	2	1	7	5	6	1	3	3		
	15	1014.2	-	7.4	1.4	8.5	79	4.8	2	8	4	9	6	1	0	0	0	1	1	5	14	5	3	0	0	8	18	4	2	5	2	3	6	2	3	3			
Yorks, N. Riding Leeming 33m.	21	1014.9	-	5.3	0.8	8.1	88	4.6	4	4	7	9	6	0	0	0	0	0	1	10	18	1	0	0	2	10	17	1	1	3	6	4	1	7	9	3	6	0	
	3	1015.6	-	7.5	1.6	8.3	77	5.0	0	6	9	11	3	1	0	1	0	0	1	6	17	5	0	0	2	10	17	1	1	3	6	4	1	7	4	0	3		
	9	1014.9	-	9.4	2.2	8.6	72	5.1	2	4	9	11	4	0	0	0	0	0	1	6	17	5	0	0	3	14	13	0	2	4	5	8	3	3	3	2			
	15	1014.3	-	8.5	2.0	8.4	72	4.2	0	13	3	11	3	0	0	0	0	0	1	13	8	6	2	0	0	9	20	1	1	2	5	4	2	4	9	2			
	21	1014.3	-	11.3	3.3	8.5	61	4.9	0	8	5	15	2	0	0	0	0	0	1	4	16	2	7	0	1	17	12	0	2	1	9	6	3	5	4	0			
Kilnsea 16m.	3	1014.5	-	6.2	0.9	8.4	84	4.5	2	9	5	9	5	0	0	0	0	0	1	2	7	11	2	6	1	0	5	19	6	2	2	4	7	2	0	7	0		
	9	1014.8	-	5.9	0.7	8.5	89	4.5	5	5	8	5	7	0	0	0	0	0	1	9	20	0	0	0	0	2	19	8	1	0	2	6	3	5	3	5	5		
	15	1015.7	+0.8	7.5	1.4	8.6	80	4.9	2	5	9	8	6	0	0	0	0	0	0	1	13	16	0	0	0	3	13	14	0	1	0	10	0	4	2	11	2		
	21	1015.0	-	8.8	1.6	9.0	78	5.4	1	4	10	10	5	0	0	0	0	0	1	10	19	0	0	0	0	3	15	12	0	2	4	5	10	3	1	4	1		
	3	1014.7	-	7.0	1.0	8.7	85	5.5	2	3	6	11	8	0	0	0	0	0	0	2	7	21	0	0	1	4	17	7	1	2	2	9	4	5	2	3	2		
Lincoln Waddington 69m.	9	1014.6	-	5.2	0.7	8.2	88	5.1	6	3	1	14	6	0	0	0	0	2	0	4	13	8	3	0	0	0	7	23	0	2	4	2	3	6	4	6	3		
	15	1015.4	0.0	8.2	1.9	8.4	73	4.5	3	9	2	10	6	0	0	0	0	0	0	0	9	12	6	3	0	0	15	15	0	2	5	4	3	4	6	4	2		
	21	1014.0	-	12.1	3.8	8.3	56	5.0	1	5	9	10	5	0	0	0	0	0	0	2	9	13	6	0	0	2	15	13	0	2	2	7	3	5	5	1	1		
	3	1014.4	-	7.2	1.3	8.6	81	4.9	2	6	6	8	8	0	0	0	0	0	0	2	6	12	9	1	0	1	10	19	0	2	5	8	5	2	3	5	0		
	9	1014.6	-	5.2	0.9	7.9	86	4.9	3	6	6	6	8	1	0	1	0	1	3	10	9	6	0	0	0	10	20	0	2	3	4	3	3	9	2	4			
Binbrook 109m.	15	1015.4	-	7.8	2.0	7.9	72	4.6	2	5	9	10	4	0	0	0	0	0	0	1	12	12	1	4	0	1	12	16	1	2	3	6	1	6	5	5	1		
	21	1014.3	-	11.0	3.8	7.5	55	4.9	0	6	11	8	5	0	0	0	0	0	0	1	3	14	9	3	0	1	14	14	1	1	2	7	2	5	7	5	0		
	3	1014.4	-	7.0	1.4	8.3	80	5.3	1	4	9	9	6	1	0	0	0	1	3	1	12	9	4	0	0	1	9	16	4	3	3	4	7	2	4	1	2		
	9	1014.7	-	5.1	0.7	8.1	89	4.5	6	7	1	9	7	0	0	0	0	1	1	6	9	7	2	4	0	0	7	22	1	4	4	1	1	6	3	7	3		
	15	1015.5	+0.2	9.1	2.1	8.7	71	4.9	3	5	4	15	3	0	0	0	0	0	0	1	8	14	3	4	0	0	12	17	1	2	1	6	2	6	3	8	1		
Manby 14m.	21	1014.6	-	11.6	3.3	8.8	62	5.4	0	5	9	10	6	0	0	0	0	0	0	0	6	10	7	7	0	1	16	13	0	1	3	6	5	3	6	5	1		
	3	1014.5	-	6.7	1.0	8.7	85	5.0	4	4	5	10	7	0	0	0	0	0	1	3	9	10	6	1	0	0	9	18	3	0	3	4	7	3	4	4	2		
3 ENGLAND, E.																																							
Norfolk West Raynham 80m.	3	1014.7	-	5.1	0.7	8.1	89	4.7	7	3	4	8	8	0	0	0	0	0	2	3	11	12	2	0	0	0	10	20	0	3	4	4	2	6	7	3	1		
	9	1015.5	+0.2	8.4	1.8	8.7	76	5.2	3	3	6	13	5	0	0	0	0	1	4	9	2	3	4	0	0	1	9	20	0	1	4	3	3	5	7	5	2		
	15	1014.4	-	11.5	3.5	8.4	60	5.2	0	7	6	11	6	0	0	0	0	0	0	7	10	8	5	0	2	13	15	0	3	5	3	3	4	9	2	1	0		
	21	1014.5	-	6.8	1.2	8.4	83	4.8	4	6	4	8	8	0	0	0	0	0	1	10	12	7	0	0	1	8	21	0	2	5	5	8	3	6	1	0			
	3	1014.7	-	5.5	0.9	8.0	85	5.0	7	2	2	11	8	0	0	0	0	0	0	0	2	10	12	4	2	0	0	4	24	2	2	4	5	3	3	7	4	0	
Coltishall 17m.	9	1015.6	-	9.1	2.2	8.1	70	5.3	4	3	2	17	4	0	0	0	0	0	0	3	11	10	1	5	0	0	8	16	6	1	3	3	4	4	4	3			
	15	1014.7	-	11.5	3.6	8.2	59	5.2	1	6	7	10	6	0	0	0	0	0	0	3	11	10	1	5	0	0	15	14	1	1	7	3	6	3	5	2	2		
	21																																						

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

APRIL,

1968

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.				
																										8 or more	4-7	4-5	1-3	SPEED IN KNOTS												
																														22-33									11-21	1-10	0	
Number of Observations																																										
4 MIDLAND COUNTIES—cont.																																										
Finningley	14m.	3	1014.6	-	5.3	0.8	8.1	87	4.0	9	5	2	8	6	0	0	0	0	0	0	1	6	14	6	3	0	0	0	5	11	14	4	0	0	1	3	2	2				
		9	1015.3	+0.1	8.8	2.1	8.5	71	4.4	5	5	5	11	4	0	0	0	0	0	0	1	17	7	5	0	0	0	10	16	4	4	0	0	2	3	3	3					
		15	1013.9	-	12.9	4.1	8.5	54	5.3	2	2	11	11	4	0	0	0	0	0	0	0	2	14	12	2	0	0	1	14	13	2	2	0	0	1	0	0					
		21	1014.3	-	7.9	1.5	8.9	80	3.8	9	4	5	5	7	0	0	0	0	0	0	0	2	15	11	2	0	0	0	2	21	7	7	0	0	0	1	0	0				
		23	1014.9	-	5.3	0.8	8.1	88	5.4	6	1	3	10	10	0	0	1	1	0	0	8	10	7	2	0	0	0	0	5	15	10	2	2	0	0	3	3					
Northampton Wittering	67m.	3	1015.6	-0.1	8.4	1.8	8.6	76	5.1	2	5	5	10	7	1	0	0	0	1	0	2	12	6	3	0	0	0	0	5	15	10	2	2	0	0	1	3	3				
		9	1014.3	-	11.9	3.6	8.4	59	5.5	0	4	7	13	6	0	0	0	0	0	0	2	12	6	14	14	0	0	1	11	16	2	2	0	0	2	3	3					
		15	1014.4	-	7.4	1.4	8.6	80	4.7	2	5	9	8	6	0	0	0	0	1	1	0	10	15	3	0	0	0	4	20	6	0	0	0	0	5	5	3					
		21	1015.8	-0.1	6.9	1.5	8.0	78	4.9	3	3	7	13	4	0	0	0	0	1	0	4	9	10	5	1	0	0	1	29	0	0	1	4	6	2	9	3					
		23	1014.3	-	11.2	3.9	7.5	55	5.7	0	3	6	19	2	0	0	0	0	0	1	1	8	13	7	0	0	0	8	22	0	0	1	1	7	5	9	3					
Warwick Edgbaston	165m.	3	1014.5	-	8.0	1.9	8.2	75	4.8	4	5	3	13	5	0	0	0	0	1	1	12	11	3	2	0	0	1	29	0	0	1	0	8	5	2	8	3					
		9	1014.7	-	4.9	0.9	7.7	86	5.1	7	0	4	12	7	0	0	0	0	4	4	15	6	1	0	0	0	4	20	6	2	4	0	0	3	4	8	1					
		15	1015.3	-	7.5	1.8	8.0	74	5.1	2	5	7	11	5	0	0	0	0	1	6	11	12	0	0	0	0	11	19	0	0	3	4	4	8	5	1	1					
		21	1014.0	-	11.2	4.0	7.3	53	6.0	0	4	4	17	5	0	0	0	0	0	1	4	18	5	2	0	0	0	15	15	0	0	2	7	6	1	6	4					
		23	1014.2	-	7.3	1.7	8.0	76	4.9	2	7	4	12	5	0	0	0	0	2	7	13	8	0	0	0	0	0	5	21	4	0	7	6	1	6	4	2					
Oxford Brize Norton	84m.	3	1015.0	-	5.3	0.7	8.1	88	4.7	7	3	4	8	7	1	0	0	1	0	1	13	14	0	0	0	0	0	3	22	5	2	7	2	2	3	4	5	0				
		9	1015.6	-	7.9	1.5	8.7	79	4.9	4	4	4	13	5	0	0	0	0	1	0	4	10	12	3	0	0	0	6	21	3	1	4	5	4	5	4	3	1				
		15	1014.2	-	11.7	3.8	8.0	57	5.4	0	4	10	12	4	0	0	0	0	0	0	4	16	7	3	0	0	0	14	14	2	1	3	5	6	5	2	3	3				
		21	1014.4	-	7.9	1.6	8.4	76	4.6	5	4	4	12	5	0	0	0	0	1	0	1	9	14	5	0	0	0	4	24	2	0	7	3	3	7	3	2					
		23	1014.7	-	4.5	0.7	7.7	89	4.6	6	4	4	9	7	0	0	1	0	0	1	3	7	9	8	1	0	0	2	18	10	0	1	2	1	8	1	5	2				
Shropshire Shawbury	76m.	3	1015.2	-	7.6	1.7	8.3	77	5.3	2	3	6	15	4	0	0	0	0	1	1	8	9	7	4	0	0	0	6	24	0	0	2	2	8	1	9	1	7	0			
		9	1013.6	-	11.7	3.6	8.2	57	5.7	0	3	8	15	4	0	0	0	0	0	1	2	11	8	8	0	0	0	13	17	0	0	1	7	6	5	4	3	3				
		15	1013.9	-	7.3	1.5	8.3	79	4.5	5	4	5	14	2	0	0	0	0	0	2	9	11	5	3	0	0	0	5	21	4	2	2	6	4	2	3	4	3				
		21	1015.0	-1.0	7.8	1.6	8.5	78	5.2	0	9	3	9	9	0	0	0	0	1	0	1	14	4	7	3	0	0	0	2	26	2	4	4	6	1	5	4	2	2			
		23	1013.4	-	11.6	3.6	8.2	58	5.7	0	5	5	14	6	0	0	0	0	0	0	4	9	15	2	0	0	0	5	25	0	1	3	6	2	5	6	4	3				
Gloucester Filton	60m.	3	1013.7	-	7.9	1.7	8.4	77	4.2	5	8	2	9	6	0	0	0	0	0	1	9	7	12	1	0	0	0	2	25	3	0	1	6	4	4	7	5	0				
		9	1014.6	-	5.6	0.7	8.3	88	5.0	7	1	3	12	6	1	0	0	1	0	0	2	14	10	3	0	0	0	3	21	6	0	6	4	3	3	5	3	0				
		15	1015.2	-1.1	8.0	1.5	8.7	78	4.9	1	6	10	6	6	1	0	0	1	1	2	7	13	6	0	0	0	0	8	19	3	2	7	2	4	5	2	4	1				
		21	1013.8	-	11.2	3.1	8.5	62	5.6	0	2	12	11	5	0	0	0	0	0	0	3	16	8	3	0	0	1	13	15	1	1	3	5	5	1	5	7	2				
		23	1014.1	-	7.7	1.6	8.4	78	4.4	5	4	6	9	6	0	0	0	0	2	1	12	13	2	0	0	0	0	5	23	2	1	6	2	6	5	4	2					
Gloucester	24m.	3	1014.9	-	6.0	0.7	8.6	89	4.8	7	1	4	11	6	1	0	0	1	0	1	3	15	8	2	0	0	0	3	20	7	2	2	2	6	7	1	1	0				
		9	1015.5	-	8.5	1.6	9.0	79	5.2	1	4	8	11	6	0	0	0	0	2	0	10	8	8	2	0	0	0	6	16	8	2	4	2	2	7	3	0	2				
		15	1014.0	-	12.7	3.7	8.8	58	5.7	0	3	7	17	3	0	0	0	0	0	0	0	11	12	7	0	0	0	11	16	3	1	6	2	7	1	7	3	0				
		21	1014.2	-	8.7	1.6	9.0	78	4.3	8	3	3	13	3	0	0	0	0	1	2	10	10	6	1	0	0	0	7	19	4	1	2	3	7	8	4	0	1				
		23	1014.8	-	4.8	0.6	8.0	90	5.0	6	2	5	7	10	0	0	0	0	3	4	8	7	5	3	0	0	0	7	21	2	1	6	4	1	4	6	3	3				
Little Rissington	229m.	3	1015.3	-0.6	6.6	1.3	8.2	81	4.9	2	8	2	13	4	1	0	1	0	1	0	1	10	5	9	3	0	0	0	12	18	0	1	3	7	4	7	4	3	1			
		9	1013.8	-	10.3	3.2	7.8	60	5.5	0	4	8	15	3	0	0	0	0	0	0	1	10	9	10	0	0	1	13	14	2	0	3	6	5	3	4	3					
		15	1014.2	-	6.8	1.3	8.2	80	4.4	6	3	7	8	5	1	0	0	0	0	0	9	8	6	6	0	1	9	19	1	1	4	5	3	4	4	7	1					
		21	1015.0	-	6.0	1.0	8.3	85	4.5	6	5	4	10	5	0	0	0	0	0	1	4	9	13	2	1	0	0	0	3	26	1	3	5	1	3	6	6	3	2			
		23	1015.5	-	8.8	1.8	8.9	76	5.2	3	5	2	18	2	0	0	0	0	0	1	4	11	9	4	1	0	0	0	9	21	0	3	8	1	3	6	4	4	1			
Greater London Heathrow	26m.	3	1014.1	-	12.6	4.1	8.2	55	5.0	0	6	9	10	5	0	0	0	0	0	0	3	15	10	2	0	0	0	16	14	0	2	2	4	5	5	3	4					
		9	1014.5	-	8.7	2.0	8.5	73	3.9	5	7	6	8	4	0	0	0	0	0	0	3	7	18	2	0	0	0	8	21	1	0	7	4	4	7	4	2	1				
		15	1015.6	-0.5	9.3	2.1	8.8	73	5																																	

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

APRIL.

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (GMT)	MEAN PRESSURE IN MB		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								
Number of Observations																																						
7a ENGLAND, N.W.																																						
Cumberland Carlisle	3	1014.4	-	4.6	0.8	7.6	86	4.6	8	3	2	8	9	0	0	0	0	0	3	14	9	3	1	0	0	9	14	7	2	0	9	4	1	1	6	0		
	9	1014.7	-	7.4	1.6	8.2	77	5.4	2	4	5	12	7	0	0	0	0	0	5	9	9	2	5	0	1	7	21	1	1	7	5	3	7	5	3	1		
	15	1013.6	-	11.5	3.5	8.2	59	4.9	1	4	12	11	2	0	0	0	0	0	1	5	13	8	3	0	0	2	11	17	0	2	0	8	2	3	7	5	3	
	21	1014.2	-	6.9	1.3	8.3	81	4.7	2	8	4	9	7	0	0	0	0	0	0	3	15	8	4	0	0	0	3	18	9	0	2	12	0	1	2	3	1	
Westmorland Great Dun Fell	3	-	-	0.2	0.3	6.0	93	6.1	6	0	1	2	2	19	9	10	0	0	0	0	1	4	6	0	0	0	0	3	18	9	0	2	12	0	1	2	3	1
	9	-	-	1.3	0.3	6.5	94	5.8	6	2	0	3	4	15	0	15	0	0	0	0	2	3	8	2	0	9	13	7	1	1	4	4	1	5	10	2	2	
	15	-	-	4.0	1.0	7.0	88	5.8	4	0	3	14	6	3	0	3	0	0	1	0	2	7	17	0	1	8	15	5	1	1	2	7	3	3	10	1	2	
	21	-	-	1.5	0.4	6.5	93	6.0	5	0	3	4	5	13	3	10	0	0	0	0	2	9	5	1	0	5	12	11	2	5	2	7	4	4	3	3	0	
Lancashire Speke	3	1014.1	-	5.5	0.9	8.0	86	4.2	3	8	6	9	4	0	0	1	0	0	3	9	11	4	1	0	0	10	17	3	2	2	3	8	5	1	4	2	2	
	9	1014.7	-	8.3	1.8	8.4	74	5.0	1	5	10	11	3	0	0	0	0	2	2	10	8	7	1	0	2	10	16	2	1	0	3	8	5	2	7	2		
	15	1013.4	-	12.0	3.5	8.6	60	5.7	0	5	4	17	4	0	0	0	0	1	1	4	13	6	5	0	0	4	13	11	2	1	0	3	8	5	2	7	2	
	21	1013.6	-	8.0	1.7	8.4	77	4.5	5	6	4	10	5	0	0	0	0	0	3	16	9	2	0	0	0	0	10	16	4	1	5	6	3	2	4	1		
Cheshire Ringway	3	1014.3	-	5.4	0.9	8.0	86	4.5	3	10	2	6	9	0	0	0	0	2	3	16	8	1	0	0	0	7	18	5	1	4	4	4	7	0	3	2		
	9	1014.9	-0.3	8.1	2.0	8.1	72	4.7	1	7	8	11	3	0	0	0	0	1	3	15	9	2	0	0	0	0	14	14	2	1	3	4	5	8	3	2		
	15	1013.6	-	11.6	3.8	7.9	56	5.8	0	2	7	17	4	0	0	0	0	0	1	8	18	3	0	0	0	0	19	11	0	2	1	8	4	5	2	8	0	
	21	1013.8	-	8.0	1.7	8.5	77	4.8	3	5	9	5	8	0	0	0	0	2	3	19	6	0	0	0	0	0	8	17	5	0	3	7	6	3	1	5	0	
7b NORTH WALES																																						
Anglesey Valley	3	1013.7	-	5.8	0.9	8.1	86	5.1	4	4	5	7	9	1	0	0	0	1	0	1	7	9	9	3	0	4	9	13	4	2	4	4	3	8	3	0	2	
	9	1014.0	-1.2	8.2	1.7	8.5	79	5.5	1	4	7	13	5	0	0	0	0	0	1	1	7	8	9	4	0	4	15	11	0	2	2	6	1	12	3	0	4	
	15	1013.2	-	9.9	2.1	9.1	74	5.7	1	3	6	14	6	0	0	0	0	1	0	5	15	6	3	0	0	2	13	14	1	1	3	2	1	9	6	2	5	
	21	1013.1	-	7.3	1.2	8.7	83	4.7	3	8	3	8	8	0	0	0	0	1	0	6	12	9	2	0	0	9	17	4	4	4	3	3	5	7	3	0	1	
Caernarvon Bardsey Island	3	1013.4	-	6.6	0.6	9.0	91	4.4	6	4	9	2	8	1	1	0	0	0	1	0	14	12	2	0	1	2	17	8	2	6	0	8	6	4	2	1	0	3
	9	1013.9	-	7.4	0.8	9.2	88	5.9	0	4	6	13	5	2	0	1	0	0	0	0	11	10	7	0	0	3	19	6	2	2	2	4	10	6	1	0	3	
	15	1013.1	-	8.8	1.2	9.6	84	5.6	1	3	7	9	9	1	0	1	0	1	0	1	2	9	10	6	0	2	10	15	3	1	1	5	3	5	5	2	5	
	21	1012.9	-	7.5	0.8	9.3	89	5.0	4	3	6	8	8	1	0	0	0	1	0	0	1	13	12	3	0	0	3	11	11	5	3	5	4	4	4	3	2	0
8a SOUTH WALES																																						
Cardigan Aberporth	3	1013.6	-	5.4	0.9	7.8	85	3.8	9	5	3	6	7	0	0	0	0	0	0	9	11	9	1	0	2	14	14	0	3	0	4	7	12	1	1	2		
	9	1014.0	-1.6	7.5	1.6	8.2	77	5.2	3	3	6	14	3	1	0	1	0	0	0	6	12	6	5	0	2	17	11	0	4	4	2	4	11	1	1	3		
	15	1013.0	-	9.8	2.6	8.4	68	5.4	1	6	5	11	7	0	0	0	0	0	1	3	12	6	8	0	2	16	12	0	3	1	3	5	5	4	5	4		
	21	1013.2	-	6.6	1.1	8.3	84	4.8	3	5	11	6	8	0	0	0	0	1	0	1	6	13	7	2	0	2	9	17	2	3	1	6	4	10	3	0	1	
Pembroke Milford Haven C.B.	3	1013.9	-	6.5	0.6	8.9	90	4.1	7	4	7	3	8	1	0	0	1	0	0	0	13	13	3	0	0	1	13	15	1	3	6	3	6	4	2	2	3	
	9	1014.3	-	7.7	1.2	9.0	84	5.1	3	2	12	6	7	0	0	0	0	0	1	19	5	5	0	0	1	20	7	2	1	3	7	9	2	4	0	2		
	15	1013.6	-	9.7	1.7	9.5	78	5.2	5	1	6	11	6	1	0	0	1	0	1	14	9	5	0	0	1	16	13	0	2	0	3	10	5	4	2	4		
	21	1013.4	-	7.6	1.0	9.1	86	4.6	5	3	8	7	6	1	0	0	1	0	0	9	13	7	0	0	2	6	19	3	4	3	3	4	4	5	0	4		
Glamorgan Mumbles	3	1014.0	-	6.6	0.8	8.6	87	4.8	6	5	3	4	11	1	0	1	0	0	0	5	17	6	1	0	1	18	10	1	2	4	9	1	4	5	3	0	2	
	9	1014.5	-	7.4	1.2	8.6	82	5.3	2	3	8	10	6	1	0	1	0	1	0	14	10	3	0	0	4	14	12	0	3	3	13	1	5	3	0	2		
	15	1013.6	-	8.8	1.8	8.7	76	6.1	2	0	6	14	8	0	0	0	1	1	0	11	10	2	4	0	5	14	11	0	1	0	8	6	2	5	6	2		
	21	1013.5	-	7.7	1.4	8.6	81	4.3	5	8	2	7	7	1	0	0	1	0	0	8	15	6	0	0	3	12	11	4	3	4	7	2	0	5	3	2		
Rhose	3	1014.3	-	5.7	0.7	8.9	89	5.1	8	2	1	6	12	1	0	1	0	0	0	8	9	10	1	0	0	5	21	4	1	6	5	3	3	0	6	2		
	9	1014.8	-1.5	7.2	1.1	8.7	84	5.3	1	6	5	11	5	2	0	1	0	1	0	4	8	7	8	1	0	0	12	17	1	1	7	9	8	0	1	2	1	
	15	1013.7	-	10.2	2.4	8.9	70	5.5	1	3	8	14	4	0	0	0	0	0	1	4	15	7	3	0	1	14	15	0	1	2	7	9	2	2	5	2		
	21	1013.9	-	6.9	1.2	8.4	82	4.7	3	6	4	11	5	1	0	0	1	0	0	1	2	18	8	0	0	1	8	18	3	0	5	5	2	1	4	4	6	
8b ENGLAND, S.W.																																						
Somerset Yeovilton	3	1014.9	-	4.6	0.7	7.9	90	4.0	10	2	5	4	7	2	0	0	0	1	2	0	11	14	2	0	0	0	3	16	11	1	2	2	3	5	2	0	2	
	9	1015.2	-	7.9	1.4	8.8	80	5.3	2	5	4	11	7	1	0	0	0	1	1	3	19	4	2	0	0	2	8	14	6	2	2	7	3	5	1	1	3	
	15	1014.1	-	11.6	3.2	8.7	62	5.1	0	4	13	10	3	0	0	0	0	0	0	1	14	12	3	0	0	2	16	12	0	1	4	3	6	4	4	4		
	21	1014.2	-	6.9	1.3	8.2	80	3.8	7	6	4	8	5	0	0	0	0	1	0	22	6	1	0	0	0	6	15	9	1	3	2	5	3	6	0	1		
Dorset Portland Bill C.G.	3	1014.5	-	6.3	0.6	8.9	91</																															

TABLE VIII—NUMBER OF DAYS IN APRIL, 1968
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	-15-0 to -10-0	-9-0 to -5-0	-4-0 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	-15-0 to -10-0	-9-0 to -5-0	-4-0 to 0-0	0-1 to 5-0	5-1 to 10-0	10-1 to 15-0	Above 15-0	
Lerwick	1	7	14	8	0	0	0	0	0	0	1	8	10	11	0	0	Edgbaston	0	1	9	10	9	1	0	0	0	0	0	0	6	8	15	1	0
Stornoway	0	6	5	18	1	0	0	0	0	0	1	9	9	11	0	0	Kew	0	1	8	9	10	2	0	0	0	0	0	3	19	11	9	0	
Craibstone	0	6	12	9	3	0	0	0	0	0	1	11	8	10	0	0	Hastings	0	0	11	15	4	0	0	0	0	0	0	4	9	16	1	0	
Rothsay	0	2	9	18	1	0	0	0	0	0	0	7	8	15	0	0	Southampton	0	0	4	15	10	1	0	0	0	0	0	8	6	15	1	0	
Abbotsinch	0	2	6	13	9	0	0	0	0	0	1	9	7	12	1	0	Stonyhurst	0	0	11	12	7	0	0	0	0	0	0	10	8	12	0	0	
Eskdalemuir	0	2	7	16	3	0	0	0	0	0	5	8	6	11	0	0	Bidston	0	3	8	15	4	0	0	0	0	0	0	6	8	16	0	0	
Douglas	0	2	15	13	0	0	0	0	0	0	0	6	10	14	0	0	Valley	0	1	9	16	4	0	0	0	0	0	0	3	11	16	0	0	
Acklington	0	2	13	11	4	0	0	0	0	0	0	11	10	9	0	0	Falmouth	0	0	11	19	0	0	0	0	0	0	0	1	15	14	0	0	
Gorleston	0	1	13	13	3	0	0	0	0	0	0	3	11	16	0	0	Aldergrove	0	1	6	17	6	0	0	0	0	0	0	8	10	12	0	0	
Cambridge	0	1	8	8	12	1	0	0	0	0	1	8	8	10	3	0	Armagh	0	0	6	19	5	0	0	0	0	0	0	9	7	14	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, APRIL, 1968

[illegible]

TABLE IV—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	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	0-10 m.	40-100 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	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	Calms											
																								22-33	11-31	1-10	0												
																								Number of Observations															
1908	January	Brize Norton	0300	1017.3	-	3.7	0.7	7.3	89	5.2	3	1	5	5	16	1	0	0	1	1	1	4	10	12	2	0	0	1	3	24	3	23	1	1	1	2	7	8	6
			0900	1017.9	-	3.6	0.7	7.3	88	5.5	0	2	5	9	15	0	0	0	1	2	0	7	9	9	3	0	0	2	6	20	3	1	0	4	0	1	9	7	6
			1500	1017.5	-	5.5	1.1	7.8	83	6.4	0	2	8	6	15	0	0	0	0	2	3	11	11	4	0	0	0	15	13	1	1	2	0	1	3	6	9	6	
			2100	1017.7	-	4.1	0.7	7.5	88	6.2	3	3	1	6	17	1	0	0	1	1	3	5	8	8	5	0	0	1	9	18	3	1	1	3	1	0	8	10	4
	February		0300	1013.0	-	0.6	0.5	5.8	90	5.3	6	3	2	9	10	0	0	0	2	2	3	7	6	7	2	0	0	0	3	23	3	10	5	0	1	4	3	0	
			0900	1013.5	-	0.9	0.5	5.9	90	5.7	0	1	5	11	11	1	0	2	0	2	2	8	7	7	1	0	0	0	5	20	4	2	9	5	1	1	3	4	0
			1500	1012.1	-	3.9	1.4	6.3	78	6.2	0	3	5	10	11	0	0	0	2	0	1	4	11	7	4	0	0	0	11	16	2	2	2	9	6	2	2	2	
			2100	1013.0	-	1.6	0.6	6.2	89	4.8	7	2	5	2	12	1	0	0	0	2	1	6	11	7	0	0	0	0	6	19	4	2	9	6	0	4	2	2	
	March		0300	1015.2	-	4.7	1.0	7.3	85	4.7	6	3	5	6	11	0	0	0	0	1	2	9	15	4	0	0	0	11	18	2	4	2	1	1	0	10	7	4	
			0900	1016.3	-	6.1	1.4	7.5	79	5.5	1	2	11	9	8	0	0	0	0	0	4	8	12	7	0	0	0	1	12	15	3	5	3	0	2	10	6	2	
			1500	1015.5	-	9.5	3.0	7.4	62	6.1	0	1	11	9	10	0	0	0	0	0	1	8	8	13	1	0	0	1	20	10	0	5	2	0	0	3	7	10	4
			2100	1015.8	-	6.4	1.4	7.8	79	4.9	3	6	4	13	5	0	0	0	0	0	2	8	15	6	0	0	0	2	11	17	1	3	1	1	0	4	8	5	
	February	Kirkwall	0300	1011.8	-	1.9	0.8	6.1	86	5.1	2	6	5	5	11	0	0	0	0	0	0	3	8	16	2	0	0	3	12	13	1	3	5	2	1	6	3	4	4
			0900	1012.7	+3.0	1.9	0.8	6.0	85	5.2	1	6	4	13	5	0	0	0	0	0	0	1	9	8	11	1	1	1	1	14	11	2	4	1	3	2	5	3	4
			1500	1012.5	-	3.6	1.3	6.2	78	5.3	1	5	4	14	5	0	0	0	0	0	0	2	3	11	13	1	2	13	11	2	3	1	4	0	5	4	6	4	
			2100	1012.9	-	1.9	0.7	6.2	87	4.5	2	10	3	7	7	0	0	0	0	0	0	3	6	14	6	0	0	1	15	10	3	1	2	6	0	5	3	7	2
			0300	-	-	-3.2	0.0	4.7	97	6.4	2	1	6	1	1	18	0	17	1	2	0	2	0	5	2	1	2	12	13	1	3	3	7	1	4	3	4	3	
			0900	-	-	-3.3	0.0	4.7	97	5.9	1	5	5	1	1	16	0	14	2	0	0	6	0	4	3	0	4	10	14	1	2	4	8	2	5	1	1	5	
			1500	-	-	-1.9	0.1	5.2	97	5.9	1	6	2	3	1	16	0	13	3	0	0	4	0	6	3	0	2	9	16	2	1	5	8	0	5	2	3	3	
			2100	-	-	-2.8	0.0	4.8	97	5.1	3	3	2	3	2	16	0	13	3	0	0	5	0	6	2	0	2	10	16	1	2	5	10	2	2	2	1	4	

TABLE XIII—ADDITIONS AND CORRECTIONS

YEAR	MONTH	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
1967	December	Lerwick	30	31	4	21	14.9	30	24	6	5	21	13.3	30	28	31	4	4	14.9	30
		Eskaðaleiufir	85	7	9	22	47.7	31	47	3	9	22	24.5	31	88	18	10	22	48.7	31
		Cambridge	123	4	16	25	66.6	31	76	5	13	25	40.9	31	-	-	-	-	-	-
		Aberporth	110	10	10	2	49.8	31	69	4	12	2	39.6	31	-	-	-	-	-	-
		London/W. Centre	109	4	5	8	53.4	31	56	6	5	8	34.7	31	123	4	9	8	61.6	31
		Kew	129	4	6	2	56.1	31	65	11	9	2	38.2	31	172	4	13	2	67.3	31
		Bessinghall	195	17	14	2	42.0	31	68	11	15	2	40.1	31	183	4	18	2	68.8	31

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AR; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 133112 K.12. 8/68. Gp. 1708. 72-7-68-4.

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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



3 8078 0006 6179 5

Volume 85 Number 5

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968

May 1968 — Mostly cold and cloudy except during the last few days

Weather was generally cyclonic in character until the 15th but mainly anticyclonic thereafter apart from a cyclonic period on the 24th-27th.

During the first four days of the month a complex area of low pressure extended north-eastwards across the British Isles from the South-West Approaches to Scandinavia. Weather was generally cold and unsettled with scattered thunderstorms. Rainfall was heavy at times, particularly in Scotland, but parts of southern England had 10 hours of sunshine each day.

On the 5th and 6th the main depression was over the northern North Sea, and the associated northerly airstream brought frequent thundery showers and thunderstorms to all parts of the United Kingdom. The 5th was the wettest day of the month in Scotland with rainfall exceeding 30 mm in many places. On the 7th and 8th there were snow showers with northerly winds over Scotland and parts of northern England, but over southern England heavy rain was recorded during the passage of a deep depression from the west of Ireland into the Bay of Biscay. The cold unsettled weather was maintained from the 9th until the 11th by a series of troughs and depressions moving eastwards across the country, but a ridge of high pressure subsequently crossed southern England and gave a fine sunny day on the 12th. The next day a warm moist airstream moving round the northern side of an anticyclone to the south and south-west of the British Isles brought rain and near normal temperatures to the southern half of England, although in Scotland temperatures remained below normal. Patches of sea fog formed off western coasts and in the English Channel, and this fog persisted for much of the 14th and 15th. Away from the coasts weather was mild in the south but continued rather cold in the north.

A ridge of high pressure extending southwards from an anticyclone near Iceland covered the western part of the British Isles from the 16th-18th. Western districts were generally dry and sunny, but northerly winds brought thundery showers and a return of cold weather to eastern districts. The 19th-23rd was a settled period as the anticyclone drifted eastwards from near Iceland to Scandinavia. Weather was mainly cloudy with a few scattered showers, except in the south-west where sunshine exceeded 14 hours on most days. Light northerly winds and temperatures well below average prevailed until the 22nd but on the 23rd winds backed to south-east and temperatures in most districts rose to about normal.

Unsettled weather returned on the 24th as a slow-moving frontal trough brought outbreaks of heavy thundery rain to south-west England, and these outbreaks continued on the 25th-27th as an intense depression off south-west England moved into the Bay of Biscay.

On the 28th a ridge of high pressure extended across the country from the South-West Approaches to Scandinavia, and the last few days of the month were generally sunny and warm with afternoon temperatures reaching 24°C locally on the 29th. Rain spread into Scotland and Northern Ireland on the 31st.

Pressure and Wind — Mean pressure was mainly below the 1931-60 average and rather uniform; at 0900 GMT the difference from this average ranged from +0.9 mb at Stornoway to -1.3 mb at Gorleston. Surface winds were predominantly from a northerly point during the first three weeks after which they were mainly south-easterly or variable. Gales were reported on three days in north and west Scotland and were severe on the 5th. Winds reached gale force almost daily from the 6th to the 13th off the south and west coasts of England and Wales. A gust of 59 kt was reported from Stornoway on the 5th and one of 56 kt from Portland Bill on the 10th.

Temperature — In spite of a warm spell during the last few days of the month, mean temperatures were everywhere below the average. In parts of eastern Scotland it was the coldest May of the century, and at Ross-on-Wye the coldest for 25 years.

Extremes included: — (England and Wales) 24.4°C at Southampton on the 28th and 29th, -5.6°C at Santon Downham on the 8th; (Scotland) 24.4°C at Kinlochewe on the 30th, -7.8°C at Cairngorm on the 8th; (Northern Ireland) 23.7°C at Strabane Convent on the 29th, -3.9°C at Loughmore Forest on the 4th.

Rainfall — In Scotland rainfall was above average except in the south-west and most western districts north of the Clyde. In England and Wales it was less than average in parts of Northumberland, Cumberland and south-west Wales, and also over much of Kent, East Anglia and Lincolnshire. In most other districts it exceeded the average and was 150 per cent of average in parts of the West Riding of Yorkshire and in Staffordshire.

Snow, or rain or drizzle and snow (sleet) fell on a few days, mainly during the first week, in Scotland and northern England, but it lay only over the higher ground.

Thunder was reported on 6 days in Scotland but was widespread only on the 4th. In England and Wales thunder was heard on 15 days, and thunderstorms were widespread on the 5th, 6th and 27th.

Sunshine — Sunshine amounts were below average almost everywhere, percentage of average ranging from 101 at Scilly, Southsea and Stornoway to 60 at Leuchars. It was the dullest May at Dumfries since records began in 1909.

Fog — Fog at 0900 GMT was reported from one place or another on 8 days in Scotland and on 13 days in England and Wales. Sea fog affected south and west coasts on the 14th and 15th and eastern coastal areas during the last week of the month.

Miscellaneous Phenomena — The aurora was visible in Scotland on 3 nights.

TABLE I—DISTRICT VALUES, MAY, 1968

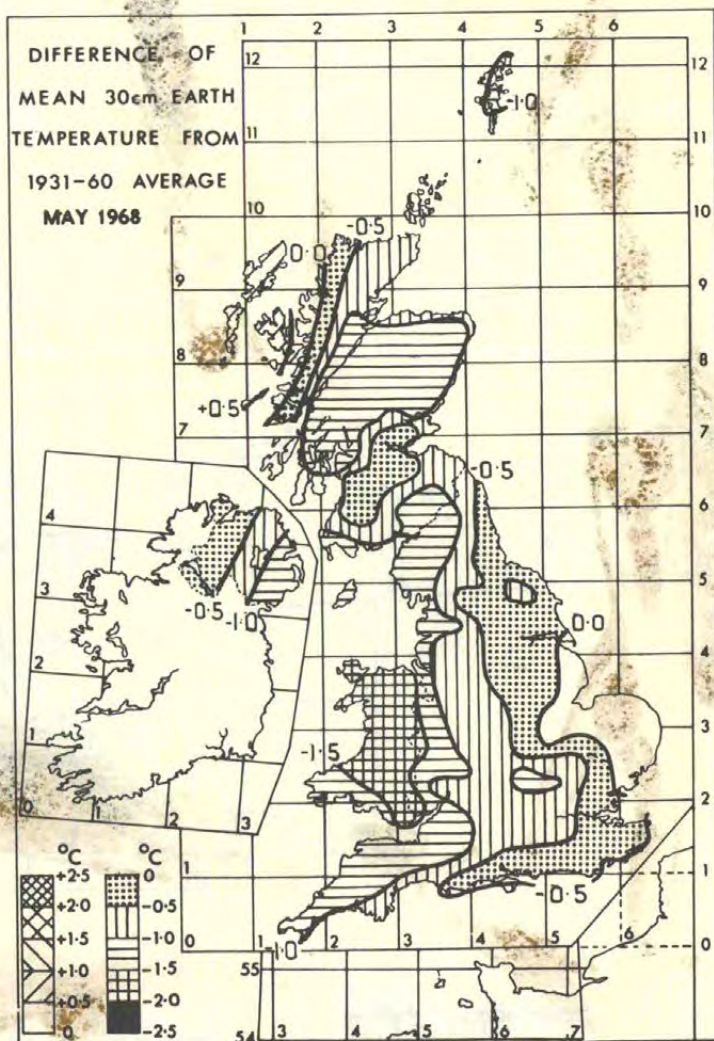
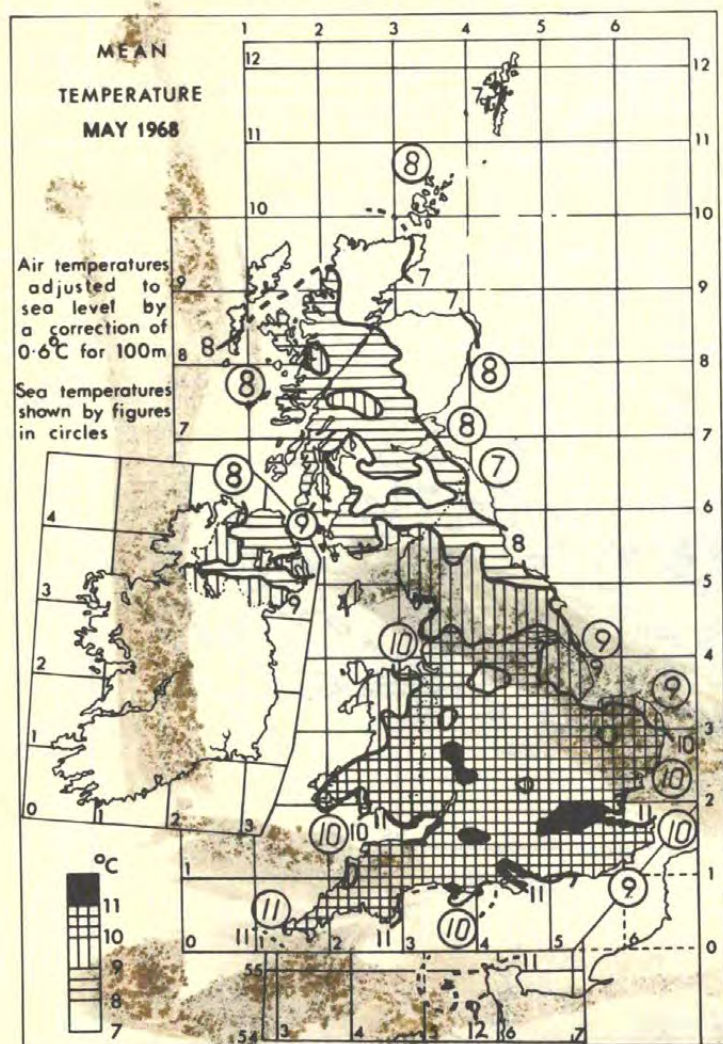
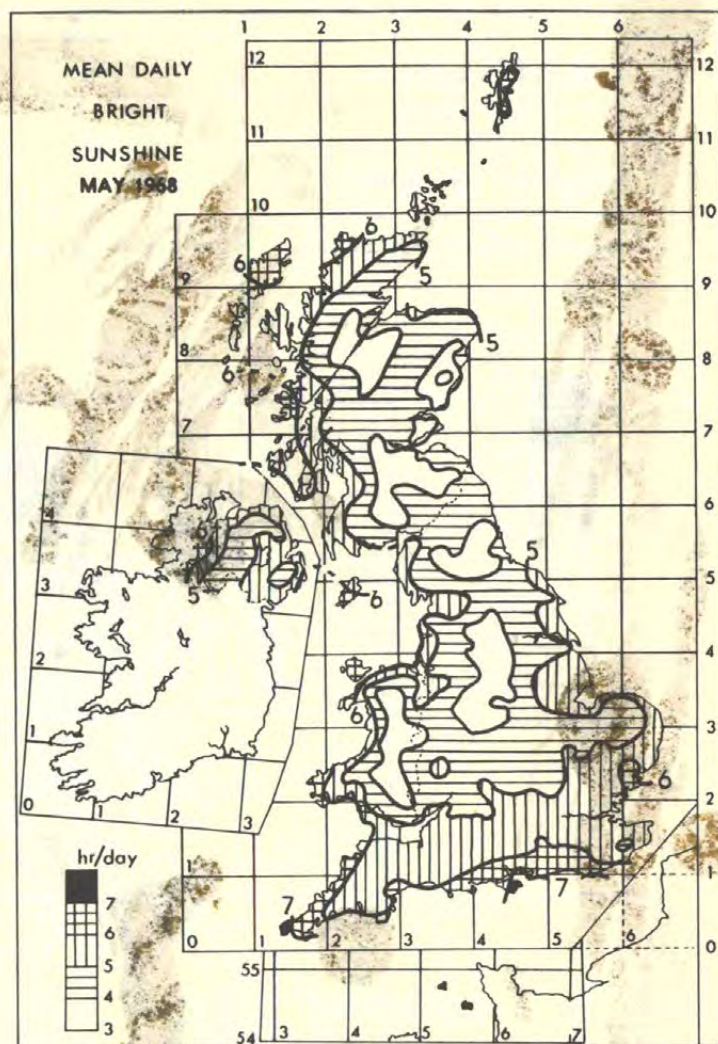
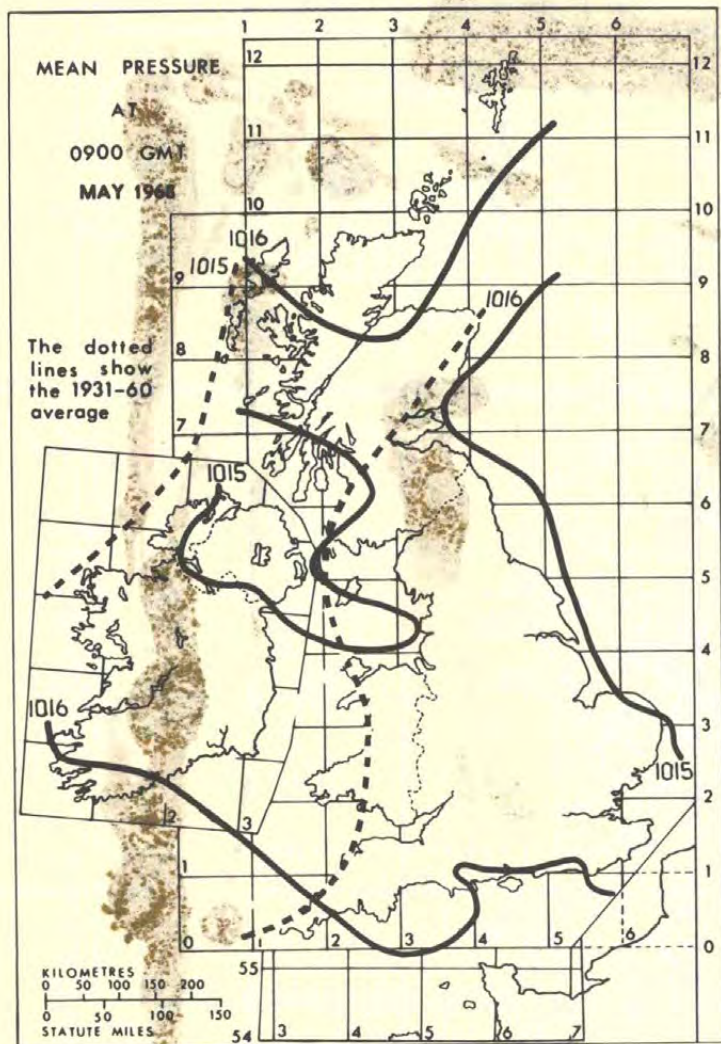
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C.		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average							% of Average		
0 SCOTLAND, N.	22.2	-3.3	-1.8	-1.8	-1.8	-0.5	-0.5	+1	118	89
1 SCOTLAND, E.	22.8	-1.7	-2.9	-1.5	-2.2	-1.0	-0.6	+2	207	73
2 ENGLAND, N.E.	21.1	-2.2	-2.1	-1.2	-1.6	-0.1	+0.2	+2	102	85
3 ENGLAND, E.	22.8	0.0	-1.7	-0.8	-1.3	-0.4	0.0	+3	95	78
4 MIDLANDS	22.8	-0.5	-2.1	-0.9	-1.4	-0.4	0.0	+4	120	75
5 ENGLAND, S.E.	24.4	-0.6	-1.6	-0.7	-1.1	-0.6	-0.1	+3	115	86
6 SCOTLAND, W.	22.3	-4.2	-2.4	-1.1	-1.8	-0.7	-0.5	0	117	79
7 ENGLAND, N.W. and N. Wales	22.6	-1.7	-2.0	-1.1	-1.5	-1.1	-0.5	+2	118	81
8 ENGLAND, S.W. and S. Wales	23.9	-1.1	-1.7	-1.1	-1.4	-1.3	-0.5	+2	130	82
N. IRELAND	23.3	-2.0	-2.1	-1.7	-1.9	-	-	-1	108	84
SCOTLAND	22.8	-4.2	-2.4	-1.5	-1.9	-	-	+1	133	80
ENG. and WALES	24.4	-2.2	-1.9	-1.0	-1.4	-	-	+3	119	81

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

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

MAY, 1968

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	No. of hours	34 to 40 knots	41 to 49 knots	50 to 59 knots	60 to 69 knots			70 knots or more	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	5, 6	20	7	68	365	260	31	0	13.5	350	38	6	12	360	57	6	1105
	Orkney	Kirkwall	41	15	10	5, 6	17	8	79	415	209	24	0	14.2	040	40	5	09	040	55	5	0810
	Caithness	Dounreay	34	12	9	5																
		Wick	45	10	10	5	3	6	65	377	277	22	0	12.6	020	34	5	09	020	48	5	1005
	Sutherland	Shin	24	10	10	-	0	0	0	199	341	201	3	7.1	100	18	26	13	360	34	5	1400
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	5	8	11	90	387	198	61	0	13.5	040	39	5	07	040	59	5	0520
		Duirinish	38	20	17	-	0	2	3	243	394	66	38	9.1	140	24	25	02	080	38	5	1145
	Inverness	Benbecula	16	10	10	5	1	11	91	360	261	31	0	13.1	030	36	5	09	030	49	5	0840
		Corpach	23	15	12	-	0	4	8	225	260	239	12	7.5	-	27	25	12	-	47	25	1155
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	145	371	219	9	6.3	190	17	30	17	040	33	5	0750
		Dalcross	21	10	10	-	0	1	3	239	360	142	0	8.0	030	24	5	10	020	36	5	0950
		Cairngorm	1074	9	9	26	3	11	88	270	246	100	37	11.5	-	36	26	09	-	49	26	0800
1	Moray	Kinloss	17	13	13	-	0	5	33	347	309	55	0	11.0	020	29	5	14	020	42	5	1330
		Lossiemouth	31	24	18	-	0	3	28	274	368	74	0	9.8	010	29	5	15	350	43	5	1305
	Aberdeen	Dyce	71	9	9	-	0	3	14	351	302	77	0	10.5	330	26	11	12	330	38	11	1135
	Angus	Bell Rock	39	40	38	-	0	11	50	354	213	127	0	11.0	060	28	5	10	170	37	9	2105
	Perth	Rannoch	307	17	17	-	0	5	10	245	353	118	18	8.6	080	24	26	07	020	39	5	1420
		Tummel Bridge	161	16	16	-	0	0	0	65	423	256	0	5.0	280	16	13	19	360	32	19	1310
	Fife	Leuchars	24	12	12	-	0	2	3	255	373	113	0	8.9	060	24	3	18	040	32	5	0640
	West Lothian	Forth Road Bridge	72	9	72	-	0	7	40	193	387	79	45	9.9	260	27	13	18	240	37	12	1440
	Midlothian	Turnhouse	42	12	10	-	0	1	2	151	463	128	0	7.3	260	22	13	15	250	38	12	1350
6a	Argyll	Tiree	27	18	14	5	12	12	76	373	175	108	0	12.7	010	40	5	13	010	55	5	1450
	Dumbarton	Cumbarnauld	166	10	10	-	0	0	0	27	336	381	0	4.1	280	15	11	15	250	32	13	1110
	Renfrew	Paisley	57	25	9	-	0	0	0	167	444	133	0	7.4	290	20	11	15	280	35	13	1730
		Abbotsinch	16	10	10	-	0	0	0	236	269	108	66	11.0	190	30	9	21	190	42	9	1725
	Lanark	Lowther Hill	736	13	10	-	0	7	65	236	269	108	66	11.0	190	30	9	21	190	42	9	1725
	Ayr	Hunterston	13	9	9	-	0	3	4	223	283	224	10	8.1	280	24	11	16	070	32	26	0915
		Prestwick	21	10	10	-	0	1	4	179	408	153	0	7.5	300	26	11	15	300	35	11	1410
	Dumfries	Chapelcross	94	15	15	-	0	0	0	123	410	211	0	6.5	260	19	13	18	260	33	13	1705
		Eskdalemuir	259	10	10	-	0	1	2	193	413	136	0	8.0	330	23	11	15	330	36	11	1420
	Wigtown	West Freugh	25	10	10	-	0	3	8	267	359	110	0	9.0	320	27	11	16	320	40	11	1630
6b	Isle of Man	Ronaldsway	25	10	10	-	0	8	20	374	292	58	0	11.0	310	27	11	20	320	36	11	1610
		Point of Ayre	20	10	10	-	0	0	0	49	328	362	5	4.4	270	17	10	21	250	37	12	1840
2	Durham	Durham	119	16	10	-	0	0	0	227	382	135	0	7.9	350	19	2	06	290	28	13	1710
		South Shields	22	17	13	-	0	0	0	180	410	154	0	7.4	260	21	10	13	260	33	10	1250
	Yorks, N.R.	Leeming	42	10	10	-	0	0	0	356	325	52	5	10.7	240	24	10	16	240	36	10	1530
		Middlesbrough	23	19	19	-	0	2	6	356	325	52	5	10.7	240	24	10	16	240	36	10	1530
		Silpho Moor	207	15	9	-	0	0	0	38	510	196	0	5.5	240	15	10	14	240	32	10	1330
	Yorks, E.R.	Leconfield	18	10	10	-	0	0	0	237	367	140	0	8.1	120	18	25	12	270	30	10	1235
	Lincoln	Cranwell	76	12	12	-	0	1	2	110	395	237	0	6.1	250	22	10	15	250	34	10	1440
		Binbrook	118	10	10	-	0	0	0	255	411	78	0	8.7	240	20	10	14	230	32	10	1405
		Manby	26	10	10	-	0	0	0	260	409	75	0	8.8	240	19	10	13	250	38	10	1225
3	Norfolk	Gorleston	16	13	13	-	0	5	5	326	350	61	2	10.1	210	23	10	18	250	40	10	1235
	Suffolk	Mildenhall	30	25	18	-	0	1	1	110	408	225	0	6.1	240	22	10	15	240	40	10	1430
	Bedford	Bedford	98	13	9	-	0	0	0	146	467	129	2	7.3	230	20	10	15	220	35	10	1340
		Cardington	69	41	41	-	0	3	15	202	464	63	0	8.9	240	27	10	14	240	38	10	1335
	Hertford	Garston	94	15	10	-	0	0	0	27	428	289	0	4.9	210	14	13	06	250	29	10	1145
		Rothamsted	141	13	10	-	0	0	0	38	510	196	0	5.5	240	15	10	14	240	32	10	1330
	Essex	Stansted	107	9	9	-	0	0	0	99	462	183	0	6.3	230	17	10	11	230	29	10	1720
		Croyton	20	17	15	-	0	0	0	74	477	178	15	6.1	220	17	13	07	230	36	10	1430
		Shoburyness	36	32	28	-	0	6	35	314	334	55	6	10.9	210	32	10	21	210	43	10	2035
4	Yorks, W.R.	Sheffield	162	25	11	-	0	0	0	207	422	115	0	8.0	250	21	10	14	250	34	10	1400
		Church Fenton	18	10	10	-	0	0	0	51	501	192	0	5.3	230	16	10	15	190	33	13	0055
	Warwick	Edgbaston	196	36	22	-	0	0	0	156	460	128	0	7.4	210	21	13	02	210	36	13	0105
		Elmdon	105	9	9	-	0	0	0	63	408	273	0	5.3	240	16	10	14	240	36	10	1325
	Buckingham	Amersham	152	15	15	-	0	0	0	216	339	183	0	7.8	220	26	13	01	220	38	13	0105
	Stafford	Keele	215	15	10	-	0	0	0	208	489	47	0	8.8	220	19	10	18	250	35	10	1215
	Worcester	Pershore	47	10	10	-	0	0	0	118	448	178										



RAINFALL MAY 1968

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

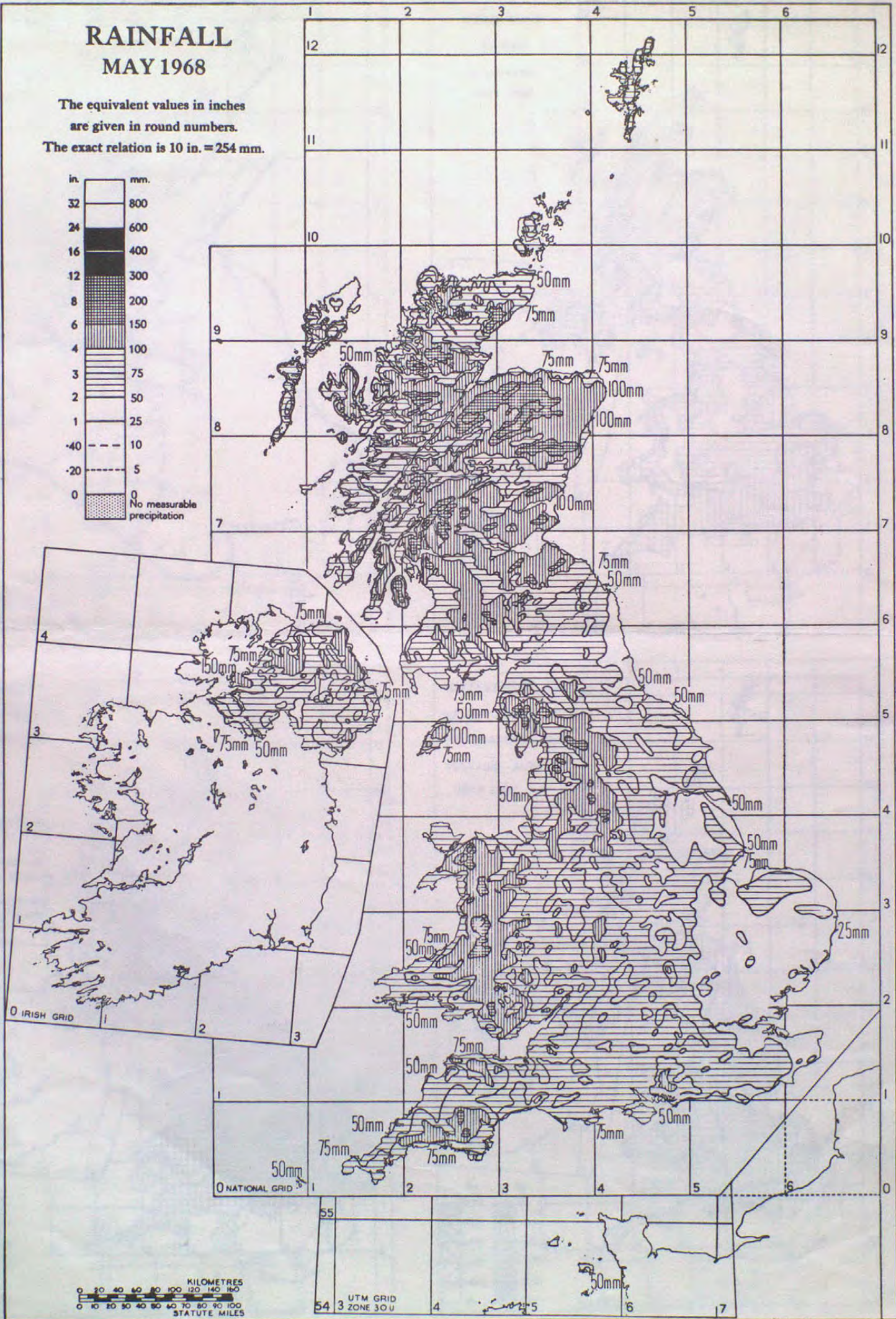
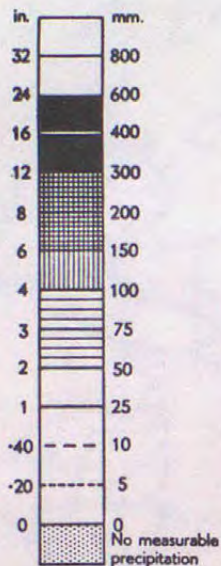


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

MAY,

1968

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				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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure		
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-50 average	Maximum	Date	Minimum	Date																							
0 SCOTLAND, N.																																			
Zetland			Hamnavoe	...	9 9	21	9.3	4.5	6.9	-	13.9	26,30	-0.6	8	-	-	59	-	12	12	18	12	3	0	1	2	1	0	1	-	3	5.70	-	-	
			Lerwick	¶	21-9	82	8.2	3.7	5.9	-1.9	13.1	26	-1.5	8	-	-	72	122	14	12	20	15	5	0	3	7	0	2	2	4	-	3	4.64	87	-
			Baltasound	...	9 9	24	9.2	3.8	6.5	-	15.0	29	-1.7	8	6.4	-	86	140	21	10	20	13	7	1	0	2	0	1	2	-	3	5.15	-	-	
Orkney			Sule Skerry	...	21-9	13	9.0	4.5	6.7	-	12.6	29	-0.5	8	-	-	37	-	9	4	17	9	0	0	0	0	0	2	1	4	-	1	-	-	
			Stenness	...	9 9	23	10.2	3.8	7.0	-	16.2	28,29,30	-1.7	13	-	-	53	106	25	4	22	11	0	0	0	0	0	4	12	-	2	-	-	-	
			Kirkwall	...	21-9	26	9.4	3.8	6.6	-2.0	13.4	29	-2.1	8	-	-	42	86	17	4	16	11	5	0	1	1	0	1	2	10	-	3	5.00	88	-
Caithness			Dounreay	...	9 9	21	10.7	4.1	7.4	-	21.7	30	0.0	8,12,14	-	-	49	-	21	4	20	10	1	0	0	0	0	1	0	11	-	0	-	-	
			Wick	¶	21-9	36	9.1	3.9	6.5	-1.9	14.0	31	-3.3	8	-	-	53	115	19	4	20	11	2	0	0	0	6	3	5	9	-	1	4.92	87	-
Sutherland			Cape Wrath	...	21-9	112	8.9	4.6	6.7	-1.9	21.0	30	-0.5	7,8	-	-	44	67	13	4	16	7	4	0	0	0	0	1	2	4	-	1	6.45	-	-
			Achfary	...	9 9	46	11.4	2.8	7.1	-	22.8	31	-2.2	8	-	-	91	-	24	5	16	13	1	1	0	0	0	0	6	11	-	0	-	-	-
			Achany	€	9 9	85	11.2	2.8	7.0	-	22.2	30	-4.4	8	9.0	7.2	65	120	18	4	20	11	8	0	2	0	0	0	8	13	-	0	-	-	-
			Strathly	...	9 9	37	10.8	3.3	7.1	-2.1	23.3	30	-2.2	8	-	-	70	125	34	4	20	9	5	0	0	0	0	1	4	-	0	5.09	96	-	
			Achentoul	...	9 9	137	10.4	2.4	6.4	-	22.8	30	-5.0	9	-	-	88	-	30	4	21	13	5	1	0	0	0	0	7	15	-	0	4.46	-	-
Ross & Cromarty			Stornoway	¶	21-9	3	11.2	3.9	7.5	-1.8	19.0	30	-2.7	12	-	-	32	55	7	12	21	12	6	0	0	5	0	1	5	9	-	1	6.37	101	-
			Balmacara	...	9 9	4	12.8	5.2	9.0	-	20.6	30	-1.7	8	-	-	51	-	12	14	12	10	1	0	1	0	0	0	1	-	-	0	-	-	-
			Poolewe	...	9 9	6	12.5	4.9	8.7	-	22.2	30	-1.1	8	-	-	66	88	16	14	17	9	2	-	2	0	0	0	1	7	-	0	5.30	-	S
			Rudh Re	...	21-9	16	10.6	5.4	8.0	-	19.5	24	0.5	7	-	-	-	-	-	-	-	2	0	2	2	0	0	0	0	0	-	0	-	-	-
			Inverpolly	...	9 9	14	11.9	4.3	8.1	-	21.7	29,30	-1.1	7,8	8.7	-	45	71	7	6	17	16	1	0	0	0	0	-	2	12	-	0	4.92	-	-
			Achnashellach	...	9 9	67	12.2	3.2	7.7	-2.4	23.3	30	-3.3	8	-	-	102	106	(25)	14	21	15	1	0	0	0	0	0	7	-	-	0	-	-	-
			Kinlochewe	...	9 9	23	12.7	3.1	7.9	-2.7	24.4	30	-4.4	8	9.3	-	89	97	16	14	18	14	1	0	0	1	0	1	7	14	-	0	4.30	-	S
			Knockanrock	...	9 9	244	10.0	3.0	6.5	-	19.4	20,(30)	-2.2	8	-	-	63	-	9	5	20	15	7	0	0	1	0	-	3	13	-	0	-	-	-
			Fortrose	¶	9 9	5	10.2	5.1	7.7	-1.9	17.8	30	0.0	8	-	-	119	243	26	4	19	11	0	0	0	0	0	2	0	-	-	0	4.21	75	-
Inverness			Tarbatness	...	21-9	18	9.8	5.3	7.5	-1.7	16.5	30	1.0	8	-	-	59	130	17	4	16	13	0	0	0	0	0	4	0	-	-	1	-	-	-
			Benbecula	...	21-9	6	11.4	4.5	7.9	-1.9	19.1	30	-2.1	8	-	-	58	83	12	14	14	11	2	0	1	3	0	0	2	10	-	1	5.18	-	-
			Isle of Rhum	€	9 9	5	12.5	4.7	8.6	-	20.6	30	-1.1	7	11.2	9.1	83	61	27	14	14	12	0	0	0	3	0	0	3	11	-	0	-	-	-
			Prabost	...	9 9	67	11.9	4.6	8.3	-	20.6	30	-1.1	7	-	-	92	97	26	3	21	12	2	0	0	7	0	0	2	11	-	2	5.17	-	-
			Duntulm	...	9 9	90	10.4	5.0	7.7	-1.7	18.9	30	-1.1	7	-	-	62	85	16	3	15	12	3	0	0	0	0	0	1	4	-	1	5.51	85	-
			Onich	¶	9 9	15	13.1	4.6	8.9	-1.5	22.2	30	-1.1	7	-	-	78	76	(19)	14	18	15	-	-	-	-	0	1	9	-	-	0	5.23	94	S
			Fort William	€	9 9	8	12.6	4.9	8.7	-	21.7	30	-1.1	17	9.8	8.9	72	-	13	14	20	13	2	0	0	2	0	0	3	8	-	0	4.47	-	-
			Corpach	...	9 9	8	13.3	4.7	9.0	-	22.2	29,30	-0.6	7	-	-	65	-	12	14	17	14	2	0	1	0	0	0	1	10	-	0	-	-	-
			Fort Augustus	...	9 9	21	11.9	4.5	8.2	-1.7	23.3	29	-1.7	8,9	-	-	65	-	18	4	17	11	0	0	0	0	0	1	3	-	-	1	3.94	-	-
			Inverness	...	9 9	4	11.7	4.7	8.2	-	21.1	30	0.6	8	-	-	110	221	35	5	20	13	1	0	0	0	0	0	5	-	-	0	4.58	-	-
			Coire Cas Shieling	...	9 9	762	6.1	0.3	3.2	-	17.8	29	-6.7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-
			Cairngorm	...	9 9	1090	2.3	-2.2	0.1	-	13.9	29	-7.8	8	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	-	-	2	-	-	-
			Achnagoichan	...	9 9	305	10.6	2.1	6.3	-	22.2	29	-3.9	12	7.1	-	92	153	(22)	5	20	14	-	-	-	-	-	-	-	-	-	-	-	-	-
			Glenmore Lodge	...	9 9	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 SCOTLAND, E.																																			
Nairn			Nairn	...	9 9	6	10.7	3.9	7.3	-2.5	20.6	30	-3.3	12	-	-	99	197	(23)	5	17	10	0	0	0	0	0	1	3	11	-	0	4.02	72	-
Moray			Grantown-on-Spey	...	9 9	229	10.3	2.2	6.3	-	21.1	30	-4.4	9,12	-	-	111	-	33	5	20	17	6	0	3	0	1	0	6	14	-	0	-	-	-
			Forres	¶	9 9	47	10.3	3.7	7.0	-3.0	22.8	30	-1.7	8	9.8	8.1	110	229	26	5	17	11	1	0	1	0	0	1	2	10	-	0	4.34	75	-
			Kinloss	...	21-9	5	11.3	4.3	7.8	-1.9	22.8	30	-2.5	12	8.6	-	111	231	25	5	18	12	1	0	0	4	0	1	2	11	-	0	4.74	-	-
			Elgin	...	9 9	15	11.2	4.5	7.9	-	20.6	28	-1.1	12	-	-	103	207	22	5	17	14	0	0	0	0	0	0	1	9	-	0	5.27	-	-
			Lossiemouth	...	9 9	6	10.7	4.3	7.5	-2.1	22.8	30	-1.7	12	-	-	83	177	17	4	18	14	2	0	1	1	0	2	1	9	-	1	-	-	-
Banff			Gordon Castle	...	9 9	32	11.2	4.3	7.7	-2.4	23.9	30	0.0	8,12	-	-	134	254	29	4	17	13	1	0	0	0	0	-	0	-	-	0	4.87	86	-
			Glenlivet	...	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1968

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		Daily Mean (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		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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					Amount (mm.)	Date																	
1 SCOTLAND, E.—cont.																																		
Midlothian	Davidson's Mains	99	61	11.7	4.6	8.1	-2.1	18.9	28	-0.6	9	9.1	-	129	226	33	5	18	14	0	0	2	0	3	1	7	-	0	4.12	-	S			
—cont.	Penicuik ...	99	189	11.5	3.4	7.5	-2.1	20.6	29	-2.8	8,9	9.5	-	134	191	33	5	17	14	2	0	2	0	3	3	13	-	0	3.35	-	-			
	Bush House ...	99	184	10.7	3.3	7.0	-	18.9	29	-3.3	9	8.9	7.5	153	222	35	5	16	14	1	0	0	0	2	4	9	-	0	3.86	-	-			
	Edinburgh—																																	
	Blackford Hill	99	134	11.7	4.7	8.2	-1.8	19.4	28	0.6	8,9	-	-	147	262	35	5	15	13	-	0	-	-	2	0	8	-	-	4.24	73	-			
	Royal Bot. Gdn.	99	23	11.9	4.8	8.3	-2.0	20.0	28	-1.1	9	10.3	-	125	223	34	5	18	14	0	0	0	0	3	2	10	-	0	4.26	73	-			
E. Lothian	Haddington ...	99	49	12.1	4.6	8.3	-	21.1	30	-1.7	9	-	-	102	192	25	5	13	13	0	0	0	0	2	2	5	-	0	4.67	-	-			
	Dunbar ...	99	23	10.4	5.0	7.7	-1.9	19.4	31	0.6	9	-	-	97	201	24	5	15	12	0	0	0	0	4	0	5	-	0	5.04	82	-			
Berwick	Mertoun ...	99	69	12.5	3.5	8.0	-	21.1	30	-3.9	9	-	-	74	-	12	5	16	13	0	-	0	0	-	3	10	-	0	3.58	-	-			
	Lauder ...	99	183	11.9	2.8	7.3	-	21.1	30	-3.3	9	-	-	94	-	13	3	19	13	2	0	1	0	0	1	6	14	-	0	4.74	-	-		
	Marchmont ...	99	152	11.3	3.9	7.6	-2.1	21.1	30	-2.2	9	-	-	94	168	19	5	18	12	1	0	0	0	3	1	-	-	0	3.96	71	S			
	Whitchester ...	99	255	10.5	3.1	6.8	-	19.4	30	-3.3	9	-	-	104	167	15	5	18	12	2	0	1	0	0	-	6	-	0	-	-	-			
	St. Abb's Head ...	99	75	9.5	5.1	7.3	-	18.0	31	0.3	9	-	-	-	-	-	-	-	0	0	0	0	4	0	2	-	0	-	-	-	-			
Peebles	Stanhope Farm ...	99	226	11.6	2.9	7.3	-	21.1	29,30	-4.4	9,18	-	-	90	123	18	5	13	11	2	0	0	0	0	5	14	-	0	-	-	-	-		
	Blyth Bridge ...	99	253	11.4	3.1	7.3	-	21.1	30	-2.8	8	-	-	101	158	19	3	14	12	3	0	0	3	0	0	4	14	-	0	3.95	-	-		
	West Linton ...	99	244	11.1	2.8	6.9	-	20.6	30	-3.9	9	8.2	7.4	107	151	26	5	17	12	2	0	0	0	0	7	11	-	0	-	-	-	-		
	Glenfress ...	99	177	12.8	3.3	8.1	-	22.8	30	-3.9	9	-	-	79	144	14	5	16	12	-	0	-	-	0	5	-	-	-	-	-	-	-		
Selkirk	Bowhill ...	99	183	12.7	3.9	8.3	-	22.8	30	-3.9	9	-	-	74	120	10	1	15	13	1	0	1	0	0	3	-	-	0	-	-	-	-		
	Galashiels ...	99	198	11.2	3.6	7.4	-	21.1	30	-3.3	9	-	-	91	-	19	10	15	13	3	0	0	2	0	1	3	6	-	0	3.76	-	-		
Roxburgh	Wauchope ...	99	171	11.9	3.1	7.5	-	21.7	30	-3.3	9	-	-	68	107	12	1	18	13	3	0	1	0	0	0	7	-	0	-	-	-	-		
	Kelso ...	99	35	12.6	4.3	8.5	-	21.7	30	-2.8	9	-	-	72	-	13	5	16	13	1	0	0	0	0	3	14	-	0	3.59	-	S			
	Sourhope ...	99	274	11.1	3.3	7.2	-1.7	20.0	30	-1.7	9	-	-	93	-	15	1	19	13	0	0	0	0	0	1	2	12	-	0	4.45	-	-		
6a SCOTLAND, W.																																		
Argyll	Tiree ...	99	21-9	9	11.0	6.0	8.5	-1.6	16.8	29	1.2	8	-	57	87	11	14	15	10	0	0	0	3	0	0	0	5	-	1	6.46	86	-		
	Rhuvaal ...	21-9	20	11.3	6.1	8.7	-	20.5	29	2.0	4	-	-	81	99	19	5	16	11	0	0	1	0	0	0	0	0	-	0	-	-	-	-	
	Colonsay ...	99	27	11.9	5.3	8.6	-1.7	19.4	29	0.0	18	-	-	81	107	18	14	17	13	0	-	0	0	0	1	0	-	-	0	-	-	-	-	
	Aros ...	99	37	12.9	4.7	8.8	-	21.7	29	-1.7	7	-	-	69	-	21	14	16	11	0	0	0	3	0	0	1	8	-	0	-	-	-	-	
	Craighouse ...	99	3	12.4	5.4	8.9	-	18.9	29	1.7	7,8	-	-	99	-	24	14	16	13	-	0	-	-	0	0	7	-	-	-	-	-	-		
	Machrihanish ...	21-9	10	11.7	5.3	8.5	-	20.1	29	0.1	18	-	-	69	-	12	5	17	12	0	0	1	0	0	0	9	-	0	6.32	-	-	-	-	
	Campbeltown ...	99	3	12.2	5.1	8.7	-	19.4	29	1.1	18	-	-	88	-	25	5	16	13	0	0	0	0	0	9	0	-	0	6.27	-	-	-	-	
	Polloch ...	99	15	13.3	3.8	8.5	-	21.7	29,30	-2.8	8	-	-	68	-	19	14	13	12	0	-	0	0	0	-	5	11	-	0	-	-	-	-	
	Achaglachgach ...	99	12	12.9	3.8	8.3	-	21.7	29	-1.1	7	-	-	102	115	23	14	17	14	0	0	0	0	0	3	11	-	0	-	-	-	-	-	
	Knapdale Forest ...	99	40	12.8	4.4	8.6	-	23.3	31	-1.7	7,8	-	-	79	-	17	14	15	12	0	0	0	0	0	2	10	-	0	-	-	-	-	-	
	Glenbranter ...	99	24	12.6	4.6	8.6	-	21.7	29	-1.7	7	-	-	99	-	18	14	16	15	-	0	-	-	0	3	5	-	-	-	-	-	-	-	
	Glen Etive ...	99	24	13.2	4.7	8.9	-	22.2	30	-1.1	7,17,19	-	-	96	-	15	30	17	14	1	0	3	0	0	-	3	7	-	0	-	-	-	-	
	Benmore Y.B.G.*	99	12	12.9	4.7	8.8	-	22.8	29	-0.6	7,8,19	-	-	153	121	33	4	16	14	2	0	0	0	0	3	11	-	0	-	-	-	-	-	
Bute	Kildonan ...	21-9	18	11.6	6.1	8.9	-	17.5	29	2.1	7	-	-	129	-	30	5	17	16	0	-	1	0	0	0	3	-	0	-	-	-	-	-	
	Brodick Castle ...	99	15	12.7	4.9	8.8	-	18.9	31	0.6	4	12.1	-	121	-	38	5	15	13	1	0	0	0	0	0	11	-	0	-	-	-	-	-	
	Rothsay ...	99	43	12.2	5.8	9.0	-1.6	20.0	29	1.7	7	9.2	8.1	84	94	14	14	16	15	0	0	0	1	0	0	4	-	0	5.63	88	-	-	-	
	Millport ...	99	5																															
Dunbarton	Finnart ...	99	15	12.3	5.5	8.9	-	22.2	29	0.0	7	-	-	131	-	26	9	15	14	1	0	1	0	0	-	0	-	0	-	-	-	-	-	
	Helensburgh ...	99	89	12.2	5.3	8.7	-1.6	22.2	29	0.0	12	-	-	102	112	20	4	18	15	0	-	0	0	0	1	0	-	0	4.52	75	S	-	-	
	Sloy ...	21-9	12	12.4	5.4	8.9	-	21.0	29	-0.6	7	-	-	124	-	22	9	15	15	1	-	0	0	0	0	1	-	-	0	-	-	-	-	-
	Cumbernauld ...	99	94	12.2	3.8	8.0	-	22.2	29	-0.6	3,9,20	-	-	124	-	32	5	17	15	1	0	2	0	1	0	5	-	0	-	-	-	-	-	-
Stirling	Earl's Hill ...	21-9	335	10.1	2.6	6.3	-	19.0	29	-2.2	8	-	-	177	-	37	5	16	14	-	-	-	-	5	7	13	-	-	-	3.66	-	-	-	-
	Stirling ...	99	46	12.5	5.2	8.9	-2.0	21.7	29	1.1	8	10.9	7.9	83	125	16	9	15	12	0	0	0	1	0	1	0	8	-	0	4.18	-	-	-	-
	Falkirk Swge. Wks.	99	3	12.4	4.9	8.7	-	21.1	29	0.0	13	-	-	108	-	24	5	14	13	0	0	0	0	0	1	0								

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1968

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (in feet)	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.)	Precip'n Date	0.2 mm. or more 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1910-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1910-50 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
6b	ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1968

DISTRICT, COUNTY AND PLACE		Max. Temp. in h. 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																												
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.	Total fall (mm.)	Percentage of 1911-50 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†	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure				
																				10.2	9.4	66	139	20	25	18	12	0	0	0	0	1	0	1	6	-
4 MIDLAND COUNTIES																																				
Yorks.	Slaidburn ...	99	192	12.2	4.1	8.1	-	21.7	29	-1.1	4	-	-	120	132	17	10	19	15	0	0	0	0	0	2	10	-	0	5.30	-	-					
*W. Riding	Malham Tarn ...	99	395	10.7	(3.3)	(7.0)	-	19.4	29	-1.1	12	(8.7)	-	145	163	20	4	19	14	1	0	0	0	2	0	1	15	-	0	3.96	-	-				
	Huddersfield §	99	99	13.3	(5.7)	(9.5)	-	22.2	31	1.7	12	10.2	8.9	107	188	20	6	20	17	-	0	-	-	0	0	4	-	0	3.35	69	-					
	" Oakes	21-9	235	12.8	4.7	8.7	-	22.7	31	0.8	12	10.0	8.4	115	169	21	6	19	17	1	0	1	0	3	0	0	5	-	0	3.50	68	-				
	Bradford ¶	99	134	12.8	5.2	9.0	-1.6	21.7	31	1.1	4,8,12	10.1	8.4	89	143	14	4	19	17	0	0	2	0	2	1	0	9	-	0	-	S					
	Ilkley ...	99	96	-	-	-	-	-	-	-	-	-	-	84	125	12	7	16	16	2	0	1	0	1	0	-	-	0	3.85	69	-					
	Sheffield ...	99	131	13.7	5.9	(9.8)	(-1.5)	22.8	31	2.8	12,19	10.5	9.2	83	143	18	25	17	14	0	0	0	1	1	-	0	2	-	0	3.25	62	-				
	Pontefract ...	99	78	13.1	5.8	9.5	-1.4	21.1	31	2.2	12	-	-	71	140	14	7	18	15	0	0	0	0	2	1	0	0	-	0	-	-	-				
	Bramham ...	99	54	13.3	4.7	9.0	-	21.1	31	0.6	18	-	-	85	158	25	7	15	12	0	0	1	0	1	0	0	6	-	0	4.55	-	-				
	Cawood ...	99	6	13.7	5.1	9.4	-	21.1	28,31	0.6	18,19	11.1	9.6	65	126	16	7	17	11	0	0	0	0	2	0	0	10	-	0	4.58	-	-				
	Askham Bryan ...	99	34	13.5	5.3	9.4	-	21.7	28	1.1	12,18	-	-	71	132	25	7	15	9	0	0	0	0	1	2	0	5	-	0	4.84	85	-				
Derby	Buxton ... €	99	307	11.1	4.6	7.9	-0.5	20.0	29	0.6	18,19	9.1	8.2	129	176	21	25	18	16	1	0	3	0	0	2	0	1	-	0	-	-	-				
	Ashover ...	99	186	12.6	4.8	8.7	-	21.1	31	0.6	14	-	-	84	-	19	25	19	14	0	0	0	0	1	2	0	9	-	0	4.09	-	-				
	Derby ...	99	48	14.4	6.3	10.3	-	22.8	31	2.2	14,19	-	-	62	109	18	6	17	11	0	0	0	0	1	0	0	2	-	0	4.11	-	-				
	Morley ...	99	107	13.9	5.6	9.7	-	21.7	31	0.6	19	-	-	70	119	17	6	16	14	-	0	-	-	-	-	0	2	-	0	4.18	-	-				
Nottingham	Sutton Bonington	99	48	14.3	5.5	9.9	-1.2	21.7	29,31	-0.6	19	10.9	9.4	66	139	20	25	18	12	0	0	0	0	1	0	1	6	-	0	4.01	70	-				
	Wattall ...	21-9	118	14.3	5.6	9.9	-1.2	23.9	31	1.8	12	-	-	73	138	17	6	19	13	1	0	1	0	1	0	0	6	-	0	3.60	62	-				
	Nottingham T.C.*	99	48	14.3	5.9	10.1	-	20.8	29	1.4	20	-	-	46	-	13	25	18	10	-	-	-	-	-	0	0	-	-	0	4.51	-	-				
	Mansfield ...	99	110	13.1	4.9	9.0	-2.2	22.2	31	1.7	12,19	10.7	-	79	146	19	6	17	14	0	0	0	0	1	1	0	-	-	0	-	-	-				
	Nottingham ¶¶	99	59	14.1	6.4	10.3	-1.4	22.2	31	2.8	14,19	10.6	9.7	52	104	12	25	16	11	0	0	0	0	1	0	0	2	-	0	3.76	71	-				
	Warsop ...	99	46	13.8	4.5	9.1	-	21.7	31	0.0	6	-	-	64	139	17	25	18	13	0	0	0	0	1	0	2	11	-	0	4.45	-	-				
	Finningley ...	21-9	10	14.6	6.2	10.4	-1.1	22.5	31	1.6	6	-	-	48	-	10	7	17	12	0	0	0	0	1	1	0	1	-	0	4.65	-	-				
Leicester	Newtown Linford	99	119	13.9	5.3	9.6	-	21.7	29,31	0.6	19	-	-	59	108	17	6	16	12	0	0	2	0	2	0	0	8	-	0	3.99	-	-				
	Caldecott ...	99	53	14.9	5.1	10.0	-	23.3	31	-1.7	19	-	-	45	103	11	25	15	8	-	0	-	-	-	0	4	7	-	0	4.46	-	-				
Northampton	Bugbrooke Mills	99	69	-	4.6	-	-	-	-	0.0	19,20	10.7	9.3	47	97	9	17	14	11	-	0	-	-	-	-	0	0	-	-	0	4.72	-	-			
	Raunds ... ¶¶	99	59	15.0	5.6	10.3	-1.1	22.8	31	0.6	19	12.2	9.5	55	111	17	25	14	9	0	0	0	0	1	0	0	3	-	0	4.43	78	-				
	Wittering ...	99	65	14.4	5.9	10.1	-1.1	21.8	31	1.7	19	-	-	51	108	12	25	15	12	0	0	0	3	0	1	0	0	6	-	0	4.84	-	-			
Warwick	Birmingham K.E.S.**	99	137	14.1	5.3	9.7	-	21.7	29,31	1.1	19,21	-	-	116	185	29	27	18	15	0	0	0	0	3	0	0	-	-	0	-	-	-				
	Edgbaston ...	21-9	163	13.4	6.3	9.9	-1.5	21.5	31	2.4	19	8.5	8.7	124	188	31	6	21	15	1	0	2	0	3	0	0	5	-	0	4.00	74	-				
	Luddington ...	99	56	14.4	5.7	10.1	-	22.2	31	-0.6	19	-	-	78	-	21	6	20	14	0	0	1	0	4	2	2	4	-	0	4.46	-	-				
	Stratford on Avon	99	49	14.9	5.1	10.0	-	23.3	31	-1.1	19	11.7	-	88	172	21	6	20	14	0	0	1	0	3	0	2	6	-	0	3.87	-	-				
	Elmdon ...	21-9	97	13.9	5.2	9.5	-1.3	21.7	29	-1.1	19	-	-	78	137	14	27	20	10	0	0	0	0	3	0	1	10	-	0	4.37	-	-				
	Shipston on Stour	99	111	13.8	5.6	9.7	-	21.7	29,31	0.6	19	10.2	-	81	138	18	6	20	16	0	0	1	0	2	1	0	8	-	0	4.82	-	-				
	Wellesbourne ...	99	47	-	-	-	-	22.8	29,31	-1.7	19	-	-	65	120	14	25	20	13	-	-	-	-	-	2	-	-	-	-	-	-	-				
	Coventry ...	99	107	14.2	(5.6)	(9.9)	-	22.2	29,30	1.7	19	-	-	78	-	15	6	15	14	0	0	0	0	0	0	0	-	-	0	-	-	-				
	Moreton Morrell	99	85	14.2	5.7	9.9	-	22.8	31	0.0	19	-	-	68	126	14	17	21	14	0	0	0	1	2	1	0	3	-	0	4.38	-	-				
	Rugby ...	99	117	14.2	5.6	9.9	-1.2	21.7	31	1.1	19	11.6	10.6	60	115	13	6	17	12	-	-	-	-	-	-	0	2	-	-	-	-	-				
Oxford	Brize Norton ...	21-9	84	14.3	6.0	10.1	-	21.9	31	1.7	12	-	-	78	-	17	17	18	15	1	0	0	3	1	1	0	8	-	0	-	-	-				
	Oxford ¶¶	99	63	14.4	6.7	10.5	-1.5	22.8	31	1.1	19	11.9	10.4	66	127	15	17	19	15	1	0	0	1	1	1	0	2	-	0	5.00	82	-				
Buckingham	Medmenham	99	30	15.4	4.6	10.0	-	23.3	31	-0.6	19	-	-	68	-	15	4	16	13	-	-	-	-	-	-	2	15	-	-	-	-	-				
	Grendon Underwood	99	67	14.4	4.4	9.4	-	22.2	28,31	-1.7	19	11.4	9.9	63	-	9	18	20	13	0	0	0	0	0	-	3	7	-	0	4.90	-	-				
	Aylesbury ...	99	96	14.3	-	-	-	22.8	31	-0.6	19	-	-	55	104																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY.

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure		
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more	Snow or Sleet																
5 ENGLAND, S.E.—cont.																																				
Kent	Dartford ...	99	5	15.7	5.9	10.8	-	21.1	31	-0.6	20	-	36	85	10	4	14	6	0	0	0	0	0	1	-	-	0	-	-	-	-	-				
	Hadlow College ...	99	27	15.1	5.4	10.3	-	21.1	31	0.0	20	11.4	9.8	57	-	17	18	17	10	0	0	0	0	3	0	1	3	-	0	-	-	-	-			
	Gillingham ...	99	4	15.1	6.8	10.9	-	20.0	31	2.8	20	-	40	89	10	4	14	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	Isle of Grain ...	99	3	13.8	8.6	11.2	-	19.4	15	6.1	20	-	41	-	18	4	9	7	0	0	0	0	0	0	0	0	0	0	5.35	-	-	-	-			
	Dungeness ...	21-9	3	13.0	7.3	10.1	-1.1	17.6	31	-0.2	20	-	34	80	14	8	12	8	0	0	0	0	0	0	1	1	-	0	-	-	-	-	-			
	Whitstable ...	99	3	14.3	7.3	10.8	-	19.4	15	4.4	7, 8	-	42	113	10	4	14	10	0	0	0	0	0	0	1	0	0	0	(5.29)	-	-	-	-	-		
	Folkestone ...	99	39	13.7	7.7	10.7	-	18.3	28, 31	3.9	17, 20	-	40	92	14	8	18	7	0	0	0	0	1	0	0	0	0	0	5.62	-	-	-	-	-		
	Elmstone ...	99	9	14.5	6.4	10.5	-	20.0	31	0.6	19	-	38	-	7	4, 8	18	11	-	0	-	-	-	0	0	0	0	-	-	-	-	-	-			
	Herne Bay ...	99	6	15.1	8.1	11.6	-	20.6	15	5.0	7, 8	-	33	83	9	4	12	8	0	0	0	0	0	0	0	0	0	0	5.37	-	-	-	-	-		
	Dover ...	99	6	13.8	8.1	10.5	-1.3	20.0	31	3.3	17	12.8	11.4	40	90	14	8	14	8	0	0	0	0	2	0	0	0	0	5.35	-	-	-	-	-		
	Deal ...	21-9	5	13.4	7.6	10.5	-	17.0	15	2.8	20	-	40	-	9	8	14	10	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-		
	Manston ...	21-9	44	14.2	7.3	10.7	-	19.7	31	4.2	7	-	31	79	6	7	14	9	0	0	0	0	0	1	0	0	0	-	-	-	-	-	-	-		
	Ramsgate ...	99	24	-	-	-	-	-	-	-	-	-	33	-	8	8	13	11	-	-	-	-	-	-	-	-	-	-	(5.62)	(83)	-	-	-	-		
	Margate ...	99	16	13.6	8.3	10.9	-0.8	18.3	15	5.6	2, 7	12.2	10.9	32	90	11	8	13	9	0	0	1	0	1	0	0	0	0	5.78	81	-	-	-	-		
	West Malling ...	99	98	14.4	5.9	10.1	-	20.5	31	1.5	7	-	43	-	13	18	14	7	0	0	1	0	1	1	0	5	-	0	5.68	-	-	-	-	-		
	Goudhurst ...	99	85	15.1	5.3	10.2	-	22.2	31	-1.1	20	-	61	116	13	8	15	12	0	0	0	0	0	1	0	1	14	0	-	-	-	-	-	-		
	East Malling ...	99	37	14.9	5.6	10.3	-1.2	21.1	31	-0.6	20	11.7	10.4	37	76	12	18	15	6	0	0	0	0	1	0	1	3	0	5.43	83	-	-	-	-	-	
	Faversham ...	99	48	14.3	5.6	9.9	-	20.0	31	0.0	20	11.8	10.3	43	-	14	16	9	0	0	0	0	0	1	1	3	-	0	5.23	-	-	-	-	-		
	Wye ...	99	56	14.2	6.1	10.1	-1.5	21.1	31	0.6	20	11.6	10.4	44	83	10	4	15	10	0	0	1	0	1	1	0	4	0	(4.89)	72	-	-	-	-	-	
Sussex	Thorney Island ...	21-9	3	14.3	6.9	10.6	-	20.7	29	2.8	2	-	81	185	27	24	12	8	0	0	0	0	1	0	0	5	-	0	6.45	-	-	-	-	-		
	Bognor Regis ...	99	7	13.6	7.6	10.6	-1.2	20.0	29	3.9	2, 19	-	11.0	43	90	13	8	14	7	0	0	0	0	0	0	0	0	0	6.97	99	-	-	-	-	-	
	Fernhurst ...	99	57	15.2	5.1	10.1	-	23.3	31	1.1	23	11.7	-	66	113	13	8	15	12	0	-	0	0	2	-	0	1	6.07	-	-	-	-	-	-		
	Littlehampton ...	99	5	14.1	7.3	10.2	-0.9	20.0	30	3.9	2, 19, 20	-	11.0	50	109	13	8	13	10	0	1	0	0	0	0	-	-	0	6.70	92	-	-	-	-	-	
	Rustington ...	99	3	14.0	6.6	10.3	-	20.0	28	3.9	2, 19, 23	-	10.6	60	-	15	8	13	10	-	-	-	-	-	0	0	-	0	6.25	-	-	-	-	-	-	
	Worthing ...	99	8	13.8	8.0	10.9	-1.2	19.4	28, 30	4.4	12, 19	12.3	10.6	55	132	12	8	11	8	0	0	0	0	1	0	0	0	1	6.80	92	-	-	-	-	-	
	Brighton ...	99	10	13.6	7.7	10.7	-	20.6	30	4.4	2, 19, 20	-	11.7	45	110	15	8	9	7	0	0	0	0	3	0	0	0	-	6.75	93	-	-	-	-	-	
	Plumpton ...	99	76	14.3	6.6	10.5	-	21.7	31	1.7	2	-	63	-	18	8	17	11	-	-	-	-	-	0	0	0	-	0	6.79	-	-	-	-	-	-	
	Wakehurst Place ...	99	125	14.2	5.9	10.1	-	22.2	31	2.2	2, 19	-	53	-	12	8	15	10	0	-	3	0	0	0	0	3	-	0	-	-	-	-	-	-		
	East Hoathly ...	21-9	40	14.4	5.4	9.9	-	22.0	31	-0.8	20	-	50	-	15	8	13	8	0	0	0	0	3	0	1	3	-	0	(6.34)	-	-	-	-	-	-	
	Eastbourne ...	99	7	13.5	8.0	10.7	-1.3	17.8	30, 31	5.0	20	12.5	11.3	54	122	17	8	12	8	0	-	0	0	0	0	0	0	0	7.09	95	-	-	-	-	-	
	Eastbourne C'Guard ...	21-9	3	13.6	7.1	10.3	-	18.5	31	1.4	20	-	43	98	16	8	12	6	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-	-		
	Bexhill ...	99	4	13.6	7.8	10.7	-1.2	20.0	29	3.3	20	12.9	-	46	104	15	8	12	6	0	0	0	0	0	0	0	0	0	6.52	92	-	-	-	-	-	
	Bodiam ...	99	22	14.9	5.9	10.4	-	21.7	31	0.0	20	12.3	10.3	63	119	15	8	15	9	0	0	0	1	1	0	0	2	-	0	5.65	-	-	-	-	-	
	Hastings ...	99	45	13.7	7.7	10.7	-1.2	20.6	31	2.8	19	13.2	11.5	49	111	17	4	15	7	0	0	0	0	0	0	0	1	0	6.22	86	-	-	-	-	-	
	Berkshire	Letcombe Regis ...	99	107	(14.6)	(5.3)	(9.9)	-	22.2	31	0.0	19	-	61	-	15	24	19	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Abingdon ...	21-9	69	14.7	5.8	10.3	-1.4	22.5	31	0.8	19	-	79	164	18	25	16	13	0	0	3	0	1	2	0	7	-	0	5.23	-	-	-	-	-	-
		Compton ...	99	103	14.3	4.8	9.5	-	21.7	31	0.0	19	12.0	-	74	-	12	25	17	13	-	-	-	-	0	13	-	0	5.18	-	-	-	-	-	-	-
		Wallingford ...	99	48	14.6	5.3	9.9	-	22.8	31	-0.6	19	11.7	9.8	76	-	15	6	19	13	0	2	0	1	-	1	6	-	0	5.19	-	-	-	-	-	-
Shinfield ...		99	61	(15.1)	(5.8)	(10.5)	(-1.4)	23.3	31	2.2	19	-	(64)	140	11	4	17	10	-	-	-	-	-	0	2	-	-	-	-	-	-	-	-	-		
Reading ...		99	69	14.9	6.1	10.5	-	22.8	31	2.8	6, 19	11.0	10.1	70	-	11	4	19	12	0	0	1	1	2	1	0	15	0	5.74	-	-	-	-	-	-	
Reading S.T.G. * ...		99	43	14.9	6.2	10.5	-	22.8	31	2.2	19	-	(68)	(155)	11	4	(16)	(10)	-	-	-	-	-	0	9	-	-	5.23	-	-	-	-	-	-		
Finchampstead ...		99	65	14.8	(4.8)	(9.8)	-	23.3	31	-0.0	19	9.3	8.7	60	-	16	4	21	12	0	0	0	0	1	0	15	-	0	5.30	-	-	-	-	-	-	
Hurley ...		99	43	14.9	5.5	10.2	-	23.3	31	1.1	6	11.4	-	61	127	15	4	13	12	0	0	0	0	1	0	5	-	(5.53)	-	-	-	-	-	-	-	
Bracknell **		99	74	15.1	6.1	10.6	-	23.1	31	-1.9	19	11.9	10.5	69	-	20	4	17	12	0	0	0	1	3	1	0	2	-	0	5.47	-					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY,

1968

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		Daily Mean (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 (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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
7a ENGLAND, N.W.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

MAY.

1968

DISTRICT, COUNTY AND PLACE		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		Daily Mean (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 thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost	Grass min. below 0°C.	Concrete min. below -5°C.	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	30 cm.	122 cm.					0.2 mm. or more	1.0 mm. or more														
8b ENGLAND, S.W.—cont.																																	
Devon	Plymouth, The Hoe	9 9	36	14.3	6.8	10.5	-1.7	20.0	29	0.0	5	12.1	11.2	75	126	26	7	14	11	0	0	0	0	0	1	7	-	0	5.94	84	-	-	
	Tavistock	9 9	139	14.9	5.4	10.1	-1.3	22.2	29	0.6	4, 12	-	-	85	-	15	7	20	16	0	0	2	0	0	10	-	0	-	-	-	-		
—cont.	Chivenor	21-9	6	14.3	6.7	10.5	-1.7	20.2	31	1.7	4	-	-	51	97	13	24	13	9	0	0	1	0	0	0	2	-	0	6.02	-	-	-	
	Ilfracombe	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes	9 9	37	14.9	5.1	10.0	-	22.2	29	0.0	5	11.9	10.0	95	127	31	7	13	10	0	0	0	3	1	0	8	-	0	5.93	-	-	-	
	Slapton	9 9	32	14.2	7.1	10.7	-	21.7	29	1.7	5	-	-	64	-	18	7	13	8	0	0	0	0	1	0	0	-	0	-	-	-		
	Newton Abbot	9 9	83	14.1	6.2	10.1	-1.5	21.7	29	2.2	5	-	-	87	136	22	7	14	13	0	0	0	0	0	0	2	-	0	6.29	98	-	-	
	Torbay (Torquay)	9 9	8	14.6	7.3	10.9	-1.2	22.2	29	2.2	5, 12	-	11.3	85	146	19	7	13	11	0	0	0	1	1	0	0	-	0	6.48	90	-	-	
	Teignmouth	9 9	6	14.4	7.5	10.9	-1.2	21.7	29	3.3	5	-	-	74	127	20	7	15	11	0	0	0	0	1	0	-	-	0	6.54	93	-	-	
	Starcross	9 9	9	14.4	6.4	10.4	-	22.2	29	2.2	2, 3	12.3	-	76	129	24	7	15	8	0	0	0	0	1	0	3	-	0	6.18	-	-	-	
	Exeter	21-9	32	14.7	6.3	10.5	-	22.7	29	1.4	3	-	-	65	116	24	7	12	10	0	0	0	2	0	0	10	-	0	5.20	-	-	-	
	Sidmouth	9 9	8	14.3	6.9	10.6	-0.8	21.1	29	2.8	5	-	-	70	134	17	7	12	-	-	-	-	-	0	0	1	-	-	5.59	85	-	-	
	Scilly	21-9	48	13.6	8.3	10.9	-0.8	16.4	28	4.3	7	-	-	48	88	12	26	12	9	0	1	0	0	3	0	0	-	0	7.65	101	-	-	
	Penzance	9 9	19	14.2	6.9	10.5	-1.7	20.0	29	1.1	4	-	-	75	121	16	24	16	14	0	1	0	0	0	0	-	-	0	7.07	100	-	-	
	Gulval	9 9	15	14.1	7.4	10.7	-1.2	20.6	29	2.8	4	-	-	58	97	14	24	13	11	-	-	-	-	-	0	5	-	-	7.06	97	-	-	
	Culdrose	9 9	82	12.5	6.9	9.7	-	19.6	29	2.1	4	-	-	76	141	21	24	13	11	0	4	0	1	4	0	2	-	0	6.95	-	-	-	
	Rosewarne	9 9	76	13.1	7.0	10.1	-	17.8	31	2.8	4	11.4	10.6	69	117	22	7	17	11	1	3	0	1	0	0	5	-	0	6.79	-	-	-	
	Lizard	9 9	73	13.0	7.1	10.1	-1.3	19.2	29	3.4	7	-	-	56	111	17	24	15	14	0	0	0	0	-	0	0	-	1	7.08	-	-	-	
	Falmouth	9 9	51	13.4	6.6	10.0	-1.7	20.0	29	2.2	4	-	-	87	131	25	24	13	11	0	0	0	0	0	0	2	-	0	6.49	92	-	-	
	Newquay	9 9	54	12.9	7.4	10.1	-1.4	17.2	27, 31	2.2	4, 20	-	-	54	97	14	7	13	12	0	2	0	0	-	0	-	-	0	6.15	88	-	-	
	St. Mawgan	21-9	103	12.6	6.8	9.7	-	17.8	29	3.2	19	-	-	53	86	11	7	15	11	0	1	1	0	1	0	0	-	0	6.24	-	-	-	
	St. Austell	9 9	94	13.7	6.9	10.3	-	21.1	28, 29	2.2	4	-	-	114	146	25	24	14	13	0	0	0	0	0	0	-	-	-	-	-	-		
	Fowey	9 9	40	14.0	6.6	10.3	-1.8	20.6	29	1.7	4	-	-	72	-	16	24	15	12	0	1	0	1	0	0	0	-	0	-	-	-	-	
	Bude	9 9	15	13.2	6.1	9.7	-1.7	20.6	30	0.6	20	-	-	51	96	12	24	13	11	-	-	-	-	-	0	-	-	-	-	-	-		
	Ellbridge	9 9	58	14.2	5.8	10.0	-1.7	20.6	29	0.6	4	-	-	113	171	26	7	16	12	0	2	0	2	0	0	9	-	0	5.25	77	-	-	
9 NORTHERN IRELAND																																	
Londonderry	Loughmore Forest	9 9	174	11.8	3.1	7.5	-	22.2	29	-3.9	4	-	-	104	-	35	5	17	13	1	0	1	0	0	9	16	-	0	-	-	-	-	
	Ballykelly	21-9	212	8.5	5.3	9.1	-1.6	22.0	29	-0.9	19	11.0	9.4	69	121	21	5	17	11	0	0	0	3	0	2	8	-	0	5.47	85	-	-	
	Derrynoyd Forest	9 9	88	12.9	3.9	8.4	-	22.2	29	-1.7	4	-	-	109	-	17	4	17	14	0	0	0	0	1	2	14	-	0	-	-	-	-	
	Somers Forest	9 9	43	12.6	3.8	8.2	-	22.2	29	-1.7	4	-	-	76	-	22	5	17	14	0	0	0	0	0	1	15	-	0	-	-	-	-	
	Garvagh Forest	9 9	91	12.1	3.6	7.9	-	21.7	29	-0.6	4, 7, 14	10.1	8.5	92	-	23	5	17	15	0	0	0	0	0	4	15	-	0	-	-	-	-	
	Moneydig	21-9	34	12.5	3.8	8.1	-2.3	22.1	29	-2.0	4	10.4	-	82	117	19	4	16	13	0	1	0	0	0	5	16	-	0	-	-	-	-	
Antrim	Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	68	-	16	5	17	12	-	-	-	-	-	-	-	-	-	5.06	-	-	-	
	Ballymoney	9 9	55	12.5	4.4	8.5	-	22.2	29	-0.6	4	-	-	67	-	16	4	9	12	2	-	0	1	0	0	1	-	0	-	-	-	-	
	Lisnafillan	9 9	38	12.3	3.5	7.9	-	21.7	29	-2.2	4	-	-	101	-	19	4	16	14	0	0	0	0	0	5	12	-	0	5.54	-	-	-	
	Aldergrove	21-9	69	12.5	4.6	8.5	-2.0	21.9	29	-1.0	8	10.1	8.4	68	99	24	4	18	14	0	1	0	1	0	3	12	-	0	5.07	80	-	-	
	Greenmount	9 9	32	12.7	4.2	8.5	-	21.7	29	-1.7	19	10.3	-	68	-	19	4	18	14	0	0	0	0	-	7	14	-	-	-	-	-	-	
	Altnahinch	9 9	226	10.6	3.6	7.1	-	20.6	29	-1.7	7	-	-	108	-	27	5	21	15	3	0	0	0	1	4	16	-	2	4.94	-	-	-	
	Parkmore Forest	9 9	235	10.3	3.1	6.7	-	18.9	29	-3.3	4	8.2	-	128	-	25	5	16	14	2	0	0	0	2	3	9	-	0	-	-	-	-	
	Black Mountain	21-9	295	10.5	3.8	7.1	-	20.4	29	-0.4	7	-	-	103	-	21	25	17	12	0	-	0	0	3	2	-	-	0	-	-	-	-	
	Lowtown	9 9	271	10.3	3.7	7.0	-	18.9	29	-1.1	4	8.0	-	125	-	23	5	19	15	1	0	1	0	0	3	4	14	-	0	4.65	-	-	-
	Ballypatrick Forest	9 9	152	10.6	3.8	7.2	-	19.4	30	-0.5	4	-	-	105	-	24	5	18	13	1	0	1	0	0	1	9	-	0	5.32	-	-	-	
	Belfast, Malone	9 9	35	12.8	4.7	8.7	-	20.6	28, 29	0.0	19	10.0	-	67	-	13	25	16	12	0	-	0	0	1	0	11	-	0	4.94	-	-	-	
	Newtownabbey	9 9	32	12.5	6.1	9.3	-	20.6	29	1.7	7	10.7	-	65	-	13	25	16	13	0	1	0	1	0	0	8	-	0	5.60	-	-	-	
	Woodburn, North	9 9	217	10.9	3.1	7.0	-	18.9	29	-2.2	4	-	-	107	132	19	5	18	16	0	0	0	3	1	2	5	13	-	0	-	-	-	
	Larne	9 9	43	12.6	4.8	8.7	-	19.4	29, 30	-0.6	4	-	-	96	133	16	2	16	14	0	0	1	0	0	1	-	-	0	-	-	-	-	
	Kilroot	9 9	22	12.1	5.1	8.6	-	18.3	28, 29, 30	-0.5	4	-	-	75	-	15	4	15	12	0	0	0	0	1	1	4	0	-	0	-	-	-	-
	Ballylumford	9 9	24	11.8	5.8	8.8	-	18.9	29	2.2	4	-	-	76	-	13	5	13	13	0	-	0	0	1	-								

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY,

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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														
																										34 or more	22-33	11-21	1-10	0										
																										Number of Observations														
0 SCOTLAND, N.																																								
Zetland Lerwick	83m.	3	1016.1	+0.5	4.5	0.7	7.6	89	6.3	1	1	2	4	15	7	2	2	0	0	0	0	0	4	3	9	13	1	1	16	11	1	10	8	5	4	3	0	1	5	
		9	1016.2		6.3	1.2	7.9	82	6.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
		15	1016.6		7.1	1.4	8.0	79	6.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		21	1017.2		5.1	0.8	7.8	88	6.3	1	4	1	15	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Orkney Kirkwall	26m.	3																																						
		9																																						
		15																																						
		21																																						
Caithness Wick	37m.	3	1015.5	+0.1	4.7	0.6	8.0	92	6.2	0	2	7	9	10	3	0	1	1	1	2	1	5	4	9	7	0	1	12	18	0	4	4	3	8	1	0	4	7		
		9	1015.9		7.0	1.2	8.4	83	6.5	0	2	5	11	10	3	0	0	0	2	1	0	0	5	6	6	11	0	1	3	19	8	0	10	3	7	3	4	1	1	2
		15	1016.1		7.9	1.6	8.3	77	6.2	1	3	1	17	6	3	0	0	0	1	2	0	0	1	6	7	5	9	1	3	20	7	0	7	4	7	5	2	0	1	5
		21	1016.5		5.9	0.8	8.3	88	6.0	0	4	6	12	6	3	0	0	2	1	0	0	0	1	6	6	8	7	0	2	13	16	0	6	4	6	5	3	0	2	5
Sutherland Cape Wrath*	113m.	3	1015.3		6.1	1.1	8.0	83	5.8	0	3	9	14	4	1	0	1	0	0	0	0	1	0	8	21	0	4	8	14	5	3	7	5	5	0	3	0	3		
		9	1015.8		7.3	1.4	8.4	81	6.3	0	3	3	15	9	1	0	1	0	0	0	0	0	2	6	12	6	1	5	10	15	0	3	6	5	6	3	4	0	4	
		15	1016.2		7.9	1.7	8.3	77	5.7	0	4	7	12	8	0	0	0	0	0	0	0	0	1	3	8	19	0	5	14	12	0	3	7	5	7	1	4	0	4	
		21	1016.1		6.9	1.3	8.2	81	5.8	0	3	9	10	9	0	0	0	0	0	0	0	0	0	1	11	19	0	5	13	12	1	4	9	3	6	0	4	2	2	
Ross & Cromarty Stornoway	5m.	3	1015.9	+0.9	5.3	0.6	8.3	91	5.5	2	2	7	14	6	0	0	0	0	0	0	0	4	8	15	4	0	1	9	17	4	6	7	3	5	1	2	1	2		
		9	1016.3		8.1	1.4	8.9	81	5.9	0	5	4	15	6	1	0	0	0	1	0	0	5	6	12	7	0	1	15	15	0	7	7	4	5	6	0	2	0		
		15	1016.4		9.9	2.1	9.1	73	5.6	0	4	6	17	4	0	0	0	0	0	0	0	0	1	5	13	12	0	2	21	8	0	5	13	4	3	6	0	0	0	
		21	1016.8		7.2	1.2	8.6	83	5.4	0	6	8	8	9	0	0	0	0	0	0	0	0	1	8	14	8	0	0	15	14	2	6	3	3	2	3	1	2		
Inverness Benbecula	6m.	3	1015.0	+0.3	5.8	0.6	8.5	90	5.8	0	4	7	12	8	0	0	0	0	0	0	0	1	11	3	16	0	3	10	17	1	9	6	6	4	4	0	1	0		
		9	1015.4		8.7	1.7	8.8	78	6.2	0	2	5	21	3	0	0	0	0	0	0	0	0	2	7	10	12	1	3	19	8	0	8	9	2	3	5	3	1	0	
		15	1015.5		-	10.2	2.4	8.9	70	5.5	0	5	6	16	4	0	0	0	0	0	0	0	1	4	11	15	0	5	16	9	1	5	6	4	5	3	2	1	4	
		21	1015.8		-	7.2	1.1	8.7	85	5.1	0	6	9	11	5	0	0	0	0	0	0	0	2	8	6	15	0	4	10	16	1	4	13	5	3	4	0	0	1	
1 SCOTLAND, E.																																								
Moray Kinloss	6m.	3	1015.9	+0.5	5.4	0.7	8.1	89	6.9	0	2	1	15	11	2	0	0	1	1	0	1	7	6	3	12	0	1	10	20	0	3	2	8	1	4	5	4	4		
		9	1016.2		8.2	1.7	8.5	77	6.0	0	5	4	15	7	0	0	0	0	1	1	1	6	2	4	16	0	3	17	11	0	6	5	5	1	4	0	4	6		
		15	1016.1		-	10.0	2.4	8.8	71	6.4	0	1	6	15	9	0	0	0	0	0	0	1	4	8	7	11	0	3	21	7	0	12	6	5	2	3	1	1	1	
		21	1016.7		-	7.0	1.0	8.8	86	6.0	0	4	5	15	7	0	0	0	0	0	0	3	10	4	6	8	0	0	16	15	0	3	7	7	0	4	6	1	3	
Aberdeen Dyce	59m.	3	1014.9	-0.9	4.7	0.5	7.9	91	6.3	1	3	3	11	10	3	0	1	2	0	1	6	5	3	7	0	0	8	19	4	4	2	2	3	4	1	5	6			
		9	1015.2		7.5	1.6	8.1	78	6.4	0	2	7	13	7	2	0	0	1	1	1	1	8	7	5	7	0	1	17	11	2	9	1	5	4	4	0	0	6		
		15	1015.1		9.1	2.2	8.3	71	6.3	0	1	6	16	8	0	0	0	0	0	5	9	6	6	0	2	2	1	17	11	2	9	1	5	4	4	0	0	1	3	
		21	1015.9		6.2	0.9	8.4	87	6.0	1	4	4	12	9	1	0	1	0	2	1	3	8	6	7	3	0	0	8	18	5	5	2	2	6	3	1	2	5		
Fraserburgh	22m.	3	1015.1		6.0	0.8	8.3	88	6.5	0	2	5	8	12	4	0	0	2	3	0	6	7	13	0	0	7	10	14	0	5	0	5	3	6	2	3	7			
		9	1015.7		7.3	1.2	8.6	83	6.5	0	2	7	8	11	3	0	0	0	3	0	5	7	12	1	0	7	12	12	0	8	1	7	3	4	1	4	3			
		15	1016.0		8.0	1.3	8.9	82	6.2	0	3	6	8	13	1	0	0	0	1	1	1	7	6	15	0	0	5	13	13	0	10	0	6	3	0	2	4			
		21	1016.4		7.0	1.1	8.6	85	6.7	0	0	5	11	12	3	0	1	1	2	1	0	4	13	9	0	5	9	17	0	8	2	4	6	4	0	3	4			
Angus Usan	35m.	3	1014.0		5.4	0.7	8.1	89	6.1	0	5	3	9	11	3	0	2	1	0	2	8	0	5	13	0	0	5	9	17	0	8	2	4	6	4	0	3	4		
		9	1014.9		7.4	1.3	8.3	80	6.5	0	3	2	11	12	3	0	2	0	1	0	2	6	2	4	14	0	1	10	16	4	10	2	3	2	5	1	2	2		
		15	1014.8		8.4	1.4	8.9	81	6.3	1	0	8	10	9	3	1	1	1	2	1	4	3	3	14	0	0	12	15	4	5	2	9	1	5	4	1	0			
		21	1015.3		6.7	0.9	8.6	87	6.9	0	1	3	13	11	3	0	1	1	0	1	2	5	2	7	11	0	1	4	19	7	5	6	3	2	2	2	1	3		
Fife Leuchars	12m.	3	1014.7	-1.0	5.1	0.5	8.2	92	6.4	0	3	3	11	11	3	0	0	1	2	0	2	7	4	8	7	0	0	8	18	5	5	1	6	1	1	1	5	6		
		9	1015.1		8.2	1.6	8.7	79	6.5	0	2	6	11	10	2	0	0	0	2	1	1	4	5	8	10	0	1	12	17	1	4	4	8	1	2	5	3	3		
		15	1015.0		9.3	1.6	9.4	79	6.6	0	1	4	15	11	0	0	0	0	1	2	1	6	6	7	8	0	0	14	16	1	0	4	18	3	0	1	3	1		
		21	1015.5		7.0	0.8	8.9	88	7.0	0	0	3	13	12	0	0	0	2	0	2	2	7	4	10	4	0	0	8	18	5	4	9	7	3	0	2	1	0		
Midlothian Turnhouse	44m.	3	1015.2	-0.7	5.7	0.8	8.2	88	6.8	0	1	4	12	12	2	0	1	2	0	1	8	10	6																	

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

MAY.

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (GMT)	MEAN PRESSURE IN MB		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	Calms									
Number of Observations																																						
2 ENGLAND, N.E.	Northumberland Acklington 46m.	3	1014.8	-	4.8	0.3	8.3	94	5.9	0	5	4	11	8	3	0	3	1	0	1	6	5	6	7	22	0	0	3	23	5	7	3	1	0	4	0	7	4
		9	1015.2	-0.9	8.3	1.4	8.9	80	6.7	0	1	3	19	8	0	0	1	0	2	1	0	7	6	7	7	0	0	13	17	1	9	2	6	4	2	0	6	1
		15	1015.2	-	9.9	2.0	9.2	75	6.7	0	0	5	18	8	0	0	0	0	0	1	2	5	7	3	13	0	0	15	16	0	6	7	5	4	2	2	4	1
	Tynemouth 40m.	21	1015.8	-	6.8	0.6	9.1	91	6.4	0	4	2	13	11	1	0	1	0	0	3	5	7	12	3	0	0	0	4	24	3	6	3	4	3	5	0	5	2
		3	1015.6	-0.9	7.8	1.3	8.7	82	6.7	0	0	5	13	8	5	0	3	1	1	0	2	8	4	12	0	0	0	18	12	1	13	2	3	5	1	0	5	1
		9	1015.7	-	9.0	1.9	8.7	76	6.6	0	1	6	10	12	2	0	2	0	0	1	2	7	7	12	0	0	0	22	9	0	9	4	5	6	1	1	4	1
	Seahouses 12m.	15	1016.0	-	7.9	1.2	8.9	84	6.6	1	1	7	5	15	2	0	2	0	0	1	3	10	6	9	0	0	0	12	17	2	6	3	2	5	5	3	4	1
		21	1015.0	-	6.0	0.5	8.7	92	6.3	0	4	4	9	11	3	1	1	1	3	0	7	7	10	1	0	0	0	7	19	5	7	1	5	1	4	3	4	1
		3	1015.6	-	7.8	0.9	9.1	86	5.8	0	4	7	10	7	3	1	1	0	3	0	1	5	7	1	12	0	0	11	17	3	9	3	3	1	6	0	3	3
	Yorks, N. Riding Leeming 33m.	9	1015.8	-	8.9	1.3	9.6	84	5.9	0	4	5	14	6	2	0	2	0	0	1	2	7	2	4	13	0	0	6	24	1	8	5	5	3	3	0	6	0
		15	1015.9	-	7.6	1.3	8.5	81	6.4	0	3	4	10	13	1	0	1	0	0	2	5	8	7	3	5	0	0	3	24	4	6	1	4	4	5	3	1	3
		21	1014.6	-	6.1	0.7	8.5	89	6.0	2	3	3	10	12	1	0	2	0	0	0	6	9	10	3	1	0	0	3	18	10	1	1	0	2	1	3	3	0
Whitby Coastguard 66m.	3	1015.3	-	9.3	1.9	9.1	76	6.6	1	1	3	16	10	0	0	0	0	0	2	3	8	6	5	7	0	0	9	18	4	14	1	1	1	4	1	4	1	
	9	1015.0	-	12.1	3.1	9.2	65	6.4	0	3	3	16	9	0	0	0	0	0	0	3	7	11	7	3	0	0	15	14	2	3	11	1	2	5	2	4	1	
	15	1015.7	-	8.7	1.4	9.2	81	6.8	0	1	4	12	13	1	0	0	1	1	3	1	7	12	4	2	0	0	1	27	3	10	1	3	3	4	2	2	0	
Yorks, E. Riding Leconfield 9m.	21	1015.1	-	6.5	0.7	8.7	89	6.4	2	0	6	8	13	2	0	3	1	0	0	1	12	13	1	0	0	2	13	13	3	4	1	2	2	8	3	1	7	
	3	1015.8	-	8.2	1.1	9.3	85	6.2	1	3	5	8	11	3	0	3	0	1	0	0	9	13	5	0	0	0	1	17	12	1	8	0	4	5	2	0	3	8
	9	1016.1	-	9.2	1.5	9.5	81	5.9	1	2	7	9	8	4	0	1	0	4	0	0	4	11	1	10	0	0	1	16	10	4	8	3	5	7	0	2	2	0
Kilnsea 16m.	15	1016.4	-	7.8	1.1	8.9	84	6.2	0	3	6	9	10	3	1	2	0	0	0	1	9	15	2	1	0	0	1	12	16	2	10	1	2	7	5	1	3	0
	21	1015.3	-0.9	9.4	1.6	9.5	79	6.4	0	2	4	15	10	0	0	0	0	0	1	2	6	12	4	6	0	0	0	17	12	2	7	4	5	3	0	1	6	3
	3	1015.4	-	11.9	2.6	9.8	69	6.1	0	2	6	18	5	0	0	0	0	0	0	0	8	10	6	7	0	0	0	19	10	2	4	2	10	6	2	0	5	0
Lincoln Waddington 69m.	9	1016.0	-	7.9	1.0	9.2	86	6.1	0	3	6	13	8	1	1	1	0	0	4	1	8	8	6	2	0	0	2	26	3	4	4	5	5	3	2	4	1	
	15	1014.3	-1.2	7.6	0.6	9.7	92	6.6	0	3	6	3	16	3	0	2	0	1	0	1	6	21	0	0	0	0	1	19	8	3	4	2	6	1	3	2	4	6
	21	1015.1	-	8.9	1.1	9.8	85	6.4	1	1	7	5	14	3	1	1	1	0	2	9	16	0	0	0	0	0	3	19	8	1	5	6	7	1	1	3	4	3
Binbrook 109m.	3	1015.4	-	9.8	1.4	9.9	82	6.2	0	1	10	11	5	4	0	0	1	4	0	0	6	20	0	0	0	0	2	21	8	0	5	5	10	5	0	1	5	0
	9	1015.7	-	8.6	1.1	9.6	86	6.2	0	2	9	6	11	3	0	1	2	0	1	1	4	22	0	0	0	0	2	16	12	1	6	5	5	3	1	5	0	
	15	1014.5	-1.5	6.5	0.5	9.0	92	5.9	2	5	2	6	14	2	0	0	2	0	3	3	12	6	2	3	0	0	0	7	24	0	5	1	7	0	0	9	4	5
Manby 14m.	21	1015.0	-	9.7	1.5	9.9	81	6.1	2	1	6	12	10	0	0	0	0	0	1	4	4	15	3	0	0	0	15	16	0	7	5	5	2	1	4	3	4	
	3	1015.0	-	12.6	2.9	10.0	68	6.1	0	3	6	12	10	0	0	0	0	0	0	1	5	8	11	6	0	0	0	13	17	1	3	5	8	1	2	3	6	2
	9	1015.7	-	8.4	1.0	9.6	86	5.6	0	8	4	7	12	0	0	0	0	1	0	5	4	7	10	4	0	0	5	26	0	4	6	9	2	1	4	4	1	
Norfolk West Raynham 80m.	15	1014.4	-	6.6	0.6	9.0	91	5.9	2	5	2	7	13	2	0	2	0	1	3	3	8	12	2	0	0	0	6	23	2	4	2	5	2	1	6	4	5	
	21	1015.3	-	8.9	1.4	9.4	82	6.4	1	1	6	10	12	1	0	0	1	1	0	1	10	13	4	1	0	0	16	14	1	10	1	6	1	1	5	4	2	
	3	1015.2	-	11.5	2.7	9.3	68	6.1	1	0	8	18	4	0	0	0	0	0	0	0	10	10	10	1	0	0	0	16	14	1	6	5	7	3	2	3	1	
Suffolk Mildenhall 12m.	9	1015.9	-	7.8	1.0	9.2	86	5.9	0	6	3	11	9	2	0	2	1	1	1	1	7	9	8	1	0	0	5	25	1	3	5	6	4	4	2	3	3	
	15	1014.4	-	6.8	0.5	9.3	93	6.2	2	3	4	5	14	3	0	1	3	2	1	4	9	4	5	2	0	0	6	21	4	3	2	2	2	2	6	8	0	
	21	1015.4	-1.1	10.0	1.5	10.0	81	6.5	1	2	4	11	13	0	0	0	0	1	1	1	6	16	4	2	0	0	0	14	17	0	8	4	4	3	0	3	4	5
Bedford Cardington 29m.	3	1015.5	-	12.1	2.5	10.2	72	6.0	0	3	4	18	6	0	0	0	0	0	0	0	10	5	12	4	0	0	0	19	12	0	4	7	10	2	2	1	5	0
	9	1016.0	-	8.1	0.9	9.6	88	5.9	0	5	6	6	12	2	0	1	1	1	2	2	8	7	8	1	0	0	0	5	24	2	6	1	4	4	3			
	15	1015.3	-0.8	10.6	1.7	10.1	79	6.5	1	1	5	9	15	0	0	0	0	0	2	1	12	13	3	0	0	0	0	7	24	0	7	4	6	0	0	7	4	3
Essex Stansted 102m.	21	1015.7	-	13.7	3.2	10.3	66	6.1	0	4	5	11	11	0	0	0	0	0	0	1	10	15	5	0	0	0	6	24	1	7	3	4	2	3	7	3	1	
	3	1015.8	-	9.3	0.9	10.4	88	5.5	0	3	11	8	9	0	0	1	0	0	3	5	15	12	0	0	0	0	2	29	0	2	9	3	3	4	6	2	2	
	9	1014.9	-	6.5	0.4	9.3	95	4.9	4	5	6	6	9	1	0	1	0	0	3	4	12	10	1	0														

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

MAY.

1968

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.	1000-1900 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 knots	4-7	4-5	1-3	Calm													
																																							SPEED IN KNOTS				
																																							22-23	11-21	1-10	0	
Number of Observations																																											
4 MIDLAND COUNTIES —cont.																																											
Finningley	14m.	3	1014.5	-	7.0	0.6	9.3	92	5.8	3	4	1	10	12	1	0	1	0	2	1	6	12	7	2	0	0	0	1	18	12	3	2	1	2	0	0	3	5	3				
		9	1015.4	-0.9	10.3	1.7	9.9	79	5.9	1	4	4	15	6	1	0	0	0	1	1	1	9	10	8	1	0	0	8	18	5	7	4	4	0	1	2	4	4					
		15	1015.1	-	13.5	3.3	10.0	65	6.2	0	0	9	15	7	0	0	0	0	0	0	6	15	10	0	0	0	0	12	16	3	6	2	6	3	2	3	3						
Northampton Wittering	67m.	3	1015.7	-	9.2	1.2	9.9	84	5.9	1	3	5	13	9	0	0	0	0	0	0	5	11	13	2	0	0	0	3	19	9	4	4	4	2	2	1	2	2					
		9	1014.7	-	6.8	0.6	9.1	91	5.6	5	3	1	7	13	2	0	2	1	0	2	6	10	7	3	0	0	0	3	27	1	5	6	4	4	1	1	1	1					
		15	1015.4	-1.2	10.2	1.7	9.9	78	6.2	1	2	6	12	10	0	0	0	0	0	1	2	9	14	3	2	0	0	8	22	1	6	6	4	1	1	1	1						
Warwick Edgbaston	165m.	3	1015.2	-	13.3	3.2	9.9	65	6.0	0	2	8	12	9	0	0	0	0	0	0	1	3	18	7	2	0	1	11	19	0	5	6	4	5	5	5	5	5					
		9	1015.7	-	9.3	1.2	9.9	84	5.9	0	5	4	12	10	0	0	0	0	0	0	2	3	10	13	3	0	0	4	23	4	1	7	7	1	1	1	1						
		15	1015.8	-0.8	9.3	1.7	9.2	77	6.0	2	1	6	16	6	0	0	0	0	0	2	3	11	10	3	2	0	0	1	29	1	7	2	8	1	5	1	5	1					
Elmdon	110m.	3	1015.4	-	12.3	3.2	9.2	64	6.7	0	0	5	18	8	0	0	0	0	0	1	1	6	14	7	2	0	0	5	25	1	5	1	4	3	6	3	2	3					
		9	1016.0	-	10.0	1.8	9.6	78	6.0	1	1	7	15	7	0	0	0	0	0	1	3	19	7	0	1	0	0	2	27	2	3	5	6	3	2	3	2	3					
		15	1014.8	-	6.2	0.6	8.7	91	4.7	5	7	3	1	14	1	0	0	0	1	2	1	11	11	4	1	0	0	4	16	11	2	2	4	2	1	4	2	3					
Oxford Brize Norton	84m.	3	1015.5	-	9.6	1.7	9.5	78	6.6	1	0	5	15	10	0	0	0	0	0	3	2	13	12	0	1	0	0	10	19	2	8	1	6	2	3	5	2	2					
		9	1015.0	-	12.4	3.0	9.6	67	6.8	0	0	5	15	11	0	0	0	0	0	1	15	11	3	1	0	0	0	11	20	0	2	5	5	6	3	3	4	3					
		15	1015.7	-	9.3	1.3	9.8	82	6.0	0	3	6	14	8	0	0	0	0	0	1	6	19	5	0	0	0	0	5	18	8	3	4	3	2	4	1	3	3					
Shropshire Shawbury	76m.	3	1015.1	-	7.0	0.4	9.5	93	4.8	6	6	2	3	14	0	0	0	0	0	1	9	14	4	3	0	0	0	3	23	5	2	6	3	1	1	5	4	4					
		9	1015.8	-	10.4	1.6	10.2	80	6.0	0	2	8	13	8	0	0	0	0	1	1	2	14	9	2	2	0	0	8	21	2	3	8	2	2	1	4	6	3					
		15	1015.4	-	13.0	2.8	10.3	69	6.5	0	1	4	17	9	0	0	0	0	0	1	10	14	5	1	0	0	0	5	24	2	4	1	6	2	3	2	8	3					
Hereford Ross-on-Wye	69m.	3	1015.9	-	10.0	1.3	10.4	84	5.6	0	5	7	9	10	0	0	0	0	0	0	3	18	7	3	0	0	0	4	22	5	1	6	4	2	2	1	6	4					
		9	1014.8	-	6.5	0.5	9.2	93	5.3	4	4	4	8	10	1	0	1	0	1	3	5	9	5	6	1	0	0	3	19	9	3	2	4	0	0	6	6	1					
		15	1015.6	-	9.8	1.6	9.7	79	6.3	0	2	8	10	11	0	0	0	0	0	4	6	10	3	8	0	1	6	22	2	1	3	7	2	1	4	4	5						
Gloucester Filton	60m.	3	1015.1	-	12.5	2.9	9.8	68	6.7	0	0	2	23	6	0	0	0	0	1	1	0	9	10	4	6	0	1	7	23	0	6	3	4	4	4	2	5	3					
		9	1015.7	-	9.0	1.2	9.8	84	6.0	0	3	8	9	11	0	0	0	0	0	0	17	6	6	2	0	0	0	8	19	4	11	0	5	1	2	3	4	1					
		15	1015.3	-1.2	10.4	1.6	10.1	79	5.8	1	4	5	12	9	0	0	0	0	0	1	0	17	2	10	1	0	0	3	28	0	5	4	5	0	1	5	8	3					
Gloucester	24m.	3	1014.8	-	13.3	3.0	10.3	67	6.5	0	2	3	14	12	0	0	0	0	0	0	0	10	9	11	1	0	0	4	27	0	4	2	8	1	4	5	3	4					
		9	1015.5	-	9.8	1.2	10.4	85	5.2	1	6	7	10	7	0	0	0	0	0	2	20	5	3	1	0	0	0	2	22	7	0	2	8	1	3	8	1	1					
		15	1014.9	-	7.7	0.7	9.6	91	4.8	6	4	4	6	11	0	0	0	0	3	5	12	10	1	0	0	0	0	4	20	7	1	3	6	0	1	5	6	2					
Little Rissington	229m.	3	1015.5	-1.1	10.6	1.6	10.3	80	5.5	1	4	9	8	9	0	0	0	0	0	1	3	13	9	4	1	0	0	11	18	2	5	8	3	1	1	7	4	0					
		9	1015.3	-	13.0	2.8	10.5	70	6.5	0	1	6	16	8	0	0	0	0	0	2	8	17	2	2	0	0	0	16	15	0	5	5	2	0	2	8	8	1					
		15	1015.7	-	10.0	1.2	10.6	85	5.6	1	3	8	10	9	0	0	0	0	1	0	4	16	9	1	0	0	0	8	17	6	0	4	6	1	1	5	6	2					
Surrey Gatwick	59m.	3	1015.1	-	7.5	0.7	9.5	91	5.1	5	3	5	13	0	0	0	0	2	1	5	15	5	2	1	0	0	0	3	16	12	2	0	3	2	2	7	0	3					
		9	1015.8	-	11.0	1.8	10.3	78	6.3	1	1	7	11	11	0	0	0	0	1	4	11	8	5	2	0	0	0	6	18	7	1	5	2	1	5	7	0	3					
		15	1015.3	-	13.9	3.3	10.3	65	6.8	0	0	4	16	11	0	0	0	0	0	0	9	17	4	1	0	0	0	8	22	1	4	6	2	1	6	9	0	2					
Kent Dungeness	7m.	3	1015.8	-	10.7	1.6	10.4	81	5.8	0	3	9	8	11	0	0	0	0	1	0	20	6	2	1	0	0	0	1	20	10	1	2	3	1	4	7	1	2					
		9	1014.9	-	6.7	0.6	9.1	91	4.7	6	6	2	3	13	1	0	1	0	0	2	4	13	8	2	1	0	0	5	25	1	3	4	6	2	1	4	7	3					
		15	1015.4	-1.0	9.4	1.5	9.6	81	5.7	1	5	4	11	10	0	0	0	0	1	1	0	8	12	5	4	0	1	9	20	1	3	8	5	0	1	7	5	1					
Sussex Thorney Island	4m.	3	1015.1	-	11.6	2.5	9.8	72	6.5	0	2	4	14	11	0	0	0	0	2	0	6	15	7	1	0	1	0	8	22	0	0	7	5	1	4	6	6	2					
		9	1015.7	-	8.9	1.1	9.8	85	5.9	1	4	8	7	11	0	0	0	0	0	1	17	8	2	3	0	0	0	6	25	0	3	5	7	1	2	5	4	4					
		15	1014.9	-	7.9	0.7	9.6	89	4.5	4	7	5	7	8	0	0	0	0	0	6	11	12	2	0	0	0	0	4	26	1	5	4	2	2	4	5	4	4					
Greater London Heathrow	26m.	3	1015.5	-	11.3	2.2	9.9	73	5.2	3	5	6	7	10	0	0	0	0	0	1	3	9	12	4	2	0	0	10	21	0	3	6	5	0	1	6	6	5					
		9	1015.2	-	14.2	3.8	9.8	61	6.0	0	3	7	13	8	0	0	0	0	1	1	1	9	19	6	3	0	0	14	17	0	5	1	7	2	4	5	5	2					
		15	1015.7	-	11.1	2.0	10.1	77	5.8	0	7	3	8	13	0	0	0	0	0	2	15	11	3	0	0	0	0	5	25	1	3	6	5	1	5	5	3	2					
Surrey Gatwick	10m.	3	1015.5	-1.0	11.6	2.4	9.8	71	5.1	4	5	3	8	11	0	0	0	0	1	1	12	9	4	4	0	0	0	2	27	2	4	4	6	1	0	8	2						

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

MAY,

1968

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	4-3	1-3	Calm									
																										34 or more	22-33	11-21	1-10	0									
Number of Observations																																							
7a ENGLAND, N.W.		3	1014.8	-	5.9	0.7	8.5	90	6.1	0	7	2	7	14	1	0	1	0	0	2	3	12	7	6	0	0	0	1	22	8	3	5	7	1	1	3	3	0	
Cumberland Carlisle	9	1015.3	-	9.5	2.0	8.9	74	5.9	0	5	4	17	5	0	0	0	0	0	0	1	8	11	7	4	0	0	0	7	21	3	4	6	8	1	2	3	3	1	
	15	1014.9	-	12.3	3.2	9.2	63	6.5	0	0	6	16	9	0	0	0	0	0	0	1	4	10	10	6	0	0	0	10	21	0	3	4	5	2	1	5	9	2	
	21	1015.5	-	8.6	1.2	9.5	84	6.1	0	5	4	13	9	0	0	0	0	0	0	3	12	11	4	1	0	0	0	3	22	6	1	3	11	0	2	4	0	0	
	3	-	-	1.3	0.2	6.5	95	6.3	6	0	0	4	3	18	10	8	0	0	1	0	4	3	5	0	0	0	2	17	11	1	4	4	8	4	1	4	5	0	
Westmorland Great Dun Fell	9	-	-	3.1	0.6	6.9	92	6.1	2	1	6	7	1	14	1	13	0	0	0	0	5	3	9	0	0	0	2	15	11	3	3	6	4	5	1	5	3	1	
	15	-	-	5.0	1.1	7.4	84	6.7	0	0	6	13	5	7	0	7	0	0	1	0	2	9	12	0	0	0	7	13	10	1	4	5	4	1	2	10	2		
	21	-	-	2.9	0.3	7.4	96	7.1	2	0	2	3	6	18	3	15	0	0	0	1	3	6	3	0	1	4	15	10	1	0	5	11	1	5	4	1	3	1	
	3	1014.4	-	7.5	0.8	9.3	89	5.9	2	4	2	12	10	1	1	0	0	0	1	6	11	8	3	1	0	0	6	20	5	1	3	6	2	4	1	4	5		
Lancashire Speke	9	1015.2	-	10.4	1.7	10.1	80	5.9	1	3	6	15	6	0	0	0	0	0	4	16	5	3	3	0	0	10	18	3	1	0	6	8	3	1	6	3			
	15	1014.9	-	12.7	2.8	10.1	68	6.3	0	1	7	18	5	0	0	0	0	0	1	1	12	7	4	6	0	0	17	12	2	3	0	4	4	3	1	5	9		
	21	1015.4	-	9.6	1.6	9.7	80	5.8	0	6	4	11	10	0	0	0	0	2	6	13	7	3	0	0	0	9	18	4	5	1	5	5	2	1	5	3			
	3	1014.5	-	6.9	0.8	9.8	88	5.7	1	7	2	9	12	0	0	0	0	0	2	5	19	4	1	0	0	0	6	20	5	1	6	5	1	7	2	4	0		
Cheshire Ringway	9	1015.2	-0.9	9.8	2.1	9.1	74	6.3	1	2	4	16	8	0	0	0	0	0	2	5	18	5	1	0	0	0	10	18	3	3	2	7	1	5	7	2	1		
	15	1014.8	-	12.5	3.5	8.8	61	6.4	0	1	6	19	5	0	0	0	0	0	2	12	13	4	0	0	0	2	13	15	1	3	5	2	2	5	4	6	3		
	21	1015.3	-	9.6	1.7	9.4	78	6.4	0	3	5	12	11	0	0	0	0	0	6	22	3	0	0	0	0	9	17	5	1	3	9	2	5	0	5	1			
	3	1014.3	-	7.3	0.6	9.4	91	4.8	2	7	7	8	6	1	0	1	0	2	1	1	4	9	10	3	0	1	5	20	5	4	2	5	2	6	3	2	2		
7b NORTH WALES		9	1015.2	-0.7	10.3	1.6	10.1	80	6.2	0	2	6	17	6	0	0	0	0	0	1	7	9	11	3	0	1	13	17	0	3	2	4	0	6	8	1	7		
Anglesey Valley	15	1015.2	-	11.7	2.2	10.2	74	5.6	0	7	2	15	7	0	0	0	0	1	1	0	4	9	9	7	0	3	9	18	1	3	3	0	1	5	11	1	6		
	21	1015.3	-	9.0	1.1	10.0	86	5.4	1	7	3	10	10	0	0	0	1	1	2	5	9	10	3	0	3	5	18	5	4	2	1	4	6	2	2	2			
	3	1014.3	-	8.5	0.6	10.2	91	4.4	3	6	10	4	6	2	0	0	2	0	0	7	11	10	1	0	1	9	17	4	8	4	5	1	2	4	3	0			
	9	1015.1	-	9.7	0.9	10.6	88	5.9	1	2	7	13	5	3	0	1	2	0	0	1	3	9	13	2	0	1	14	13	3	8	2	5	3	3	1	4	2		
Caernarvon Bardsey Island	15	1015.3	-	11.1	1.6	10.8	81	6.0	0	2	9	7	12	1	0	1	0	0	0	3	11	11	5	0	1	10	18	2	7	3	2	1	4	7	3	2			
	21	1015.2	-	9.3	0.9	10.4	88	5.3	2	6	5	6	11	1	1	0	0	0	1	7	8	13	1	1	2	8	15	5	5	1	4	1	3	7	3	2			
	3	1014.6	-	7.4	0.8	9.2	88	4.8	3	7	3	9	9	0	0	0	0	3	0	9	10	5	4	0	2	11	16	2	3	0	3	3	12	4	1	3			
	9	1015.3	-0.5	9.8	1.5	9.9	81	6.4	0	2	3	20	5	1	0	1	0	0	0	9	11	7	2	0	1	8	21	1	5	3	1	4	5	3	3	6			
Cardigan Aberporth	15	1015.4	-	10.7	1.8	10.0	77	5.9	0	6	3	15	7	0	0	0	0	0	0	9	11	9	2	0	0	11	18	2	4	2	1	2	1	4	6	9			
	21	1015.5	-	8.7	1.1	9.6	85	5.1	1	7	5	11	7	0	0	0	0	0	0	9	13	6	3	0	1	11	15	4	5	3	1	3	5	7	2	1			
	3	1015.0	-	8.2	0.5	10.2	93	4.4	9	2	5	5	8	2	0	1	1	0	0	1	8	16	4	0	0	2	6	17	6	6	2	3	1	2	3	4	4		
	9	1015.7	-	10.5	1.2	10.8	85	5.6	2	0	11	12	5	1	0	1	0	0	1	0	18	8	3	0	0	1	10	18	2	6	1	5	4	0	5	4			
Pembroke Milford Haven C.B.	15	1015.9	-	12.0	1.8	11.1	79	5.4	0	2	14	7	6	2	0	0	2	0	0	13	9	7	0	0	0	16	14	1	5	2	3	1	1	12	3	3			
	21	1015.9	-	9.3	0.7	10.7	90	4.8	4	4	8	6	9	0	0	0	0	0	2	11	12	6	0	0	2	6	20	3	6	1	2	2	1	7	5	4			
	3	1014.5	-	8.7	1.0	9.8	87	4.8	2	8	6	4	11	0	0	0	0	1	1	5	17	6	1	1	5	8	16	1	2	6	8	0	6	5	3				
	9	1015.4	-	10.4	1.6	10.2	80	5.7	0	4	7	15	3	2	0	0	2	0	0	2	15	10	2	0	1	3	11	16	1	3	1	7	4	2	4	6	3		
Glamorgan Mumbles	15	1015.4	-	11.2	2.0	10.2	77	6.3	1	3	1	19	5	2	0	2	0	0	0	0	7	5	1	1	2	17	11	0	1	1	2	1	5	8	9	4			
	21	1015.6	-	10.0	1.5	10.0	80	5.9	1	6	5	5	13	1	0	0	0	1	0	1	13	8	7	1	0	4	12	14	1	4	2	5	1	2	5	7	4		
	3	1014.9	-	7.2	0.6	9.4	91	5.2	4	4	6	6	11	0	0	0	1	0	1	1	13	9	5	1	0	1	6	18	6	2	4	7	0	2	7	3			
	9	1015.6	-0.9	10.0	1.3	10.3	83	5.9	0	3	8	12	8	0	0	0	0	1	6	9	5	8	2	0	1	10	19	1	0	7	4	2	4	2	7	4			
Rhoose	15	1015.4	-	11.9	2.0	10.7	76	6.2	0	2	6	13	9	1	0	0	2	1	2	6	10	7	3	0	0	18	11	2	0	2	2	5	1	1	16	2			
	21	1015.9	-	9.1	1.0	10.1	87	6.0	1	5	2	12	11	0	0	0	0	2	5	6	11	5	2	0	0	12	17	2	2	3	4	2	1	2	12	3			
	3	1015.3	-	7.3	0.7	9.3	91	5.3	3	6	4	7	10	1	0	1	1	0	1	6	21	1	0	0	0	5	12	14	1	1	4	6	0	3	4	2			
	9	1015.8	-	11.3	1.8	10.5	78	6.0	0	2	9	13	7	0	0	0	0	1	2	20	8	0	0	0	0	10	17	4	1	2	3	1	3	6	5	7			
8a SOUTH WALES		15	1015.7	-	13.8	3.1	10.5	66	6.7	0	0	4	17	10	0	0	0	0	0	2	17																		

TABLE VIII—NUMBER OF DAYS IN MAY, 1968
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	2	23	6	0	0	0	0	0	0	0	1	21	9	0	0	Edgbaston	0	0	5	18	6	2	0	0	0	0	0	0	0	11	18	2	0
Stornoway	0	0	15	8	8	0	0	0	0	0	0	5	15	10	1	0	Kew	.. ..	0	0	3	12	13	3	0	0	0	0	0	0	3	23	5	0	
Craibstone	0	0	21	9	1	0	0	0	0	0	0	5	19	7	0	0	Hastings	.. ..	0	0	1	24	5	1	0	0	0	0	0	0	3	25	3	0	
Rothsay	0	0	9	18	4	0	0	0	0	0	0	14	16	1	0	0	Southampton	.. ..	0	0	0	13	14	4	0	0	0	0	0	0	7	20	4	0	
Abbotsinch	0	0	6	18	4	3	0	0	0	0	0	2	13	15	1	0	Stonyhurst	.. ..	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Eskdalemuir	0	0	13	12	4	2	0	0	0	0	0	8	16	7	0	0	Bidston	.. ..	0	0	4	21	6	0	0	0	0	0	0	0	8	19	4	0	
Douglas	0	0	11	16	4	0	0	0	0	0	0	14	17	0	0	0	Valley	.. ..	0	0	3	21	7	0	0	0	0	0	0	0	11	18	2	0	
Acklington	0	0	12	17	2	0	0	0	0	0	0	2	16	13	0	0	Falmouth	.. ..	0	0	1	24	6	0	0	0	0	0	0	0	8	22	1	0	
Gorleston	0	0	3	25	3	0	0	0	0	0	0	7	24	0	0	0	Aldergrove	.. ..	0	0	8	17	4	2	0	0	0	0	0	3	13	13	2	0	
Cambridge	0	0	2	16	10	3	0	0	0	0	0	1	10	18	2	0	Armagh	.. ..	0	0	5	20	3	3	0	0	0	0	0	3	13	12	3	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, MAY, 1968

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	786	25	72	10	417.1	31	388	21	72	10	264.4	31	814	25	88	10	440.2	31
Eskdalemuir	677	28	95	3	377.8	31	383	23	80	3	264.2	31	664	28	96	3	370.2	31
Cambridge	764	31	156	7	426.4	31	351	24	172	9	269.0	31	-	-	-	-	-	-
London / W Centre	738	28	117	16	361.6	30	328	24	113	16	232.5	30	816	28	148	16	373.8	30
Kew	724	31	116	18	390.6	31	364	24	117	18	239.1	31	842	31	149	18	467.3	31
Bracknell																		
Aberporth	790	19	241	14	446.8	31	401	21	187	19	263.0	31	-	-	-	-	-	-
Aldergrove																		

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		Daily Mean (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 1.0 mm. or more	Snow or Sleet	Snow lying at 0hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 0hr.	Air Frost†	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1967	November	Winnington								11																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 133112 K.12 9/68. Gp. 1708 SBN 11 400014 X

DUPLICATE ALSO

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 6

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



June 1968 — *Fine mid-month, otherwise unsettled*

Although the country often lay in a col area, weather was predominantly cyclonic in character on the 1st-7th and 18th-28th, but mainly anticyclonic at other times.

During the first three days of the month the British Isles lay between anticyclones to the north-east and south-west of the country and depressions south of Iceland and over France. Weather was generally warm and sunny on the 1st but, on the 2nd and 3rd there were outbreaks of thundery rain and scattered thunderstorms, heavy at times, as the shallow depression over France moved a little northwards. 83 mm of rain fell in 2 hours 20 minutes near Ely, Cambridgeshire on the 3rd; rainfall of such intensity can only be expected about once in 160 years. Other noteworthy falls were also recorded. The storms led to flooding in parts of the Midlands and eastern England.

On the 4th fronts associated with the depression near Iceland moved eastwards across the British Isles. These fronts gave some light rain in southern England and scattered thunderstorms in eastern Scotland; they were followed by cooler weather in all districts. On the night of the 5th/6th a small depression moving across southern England gave outbreaks of heavy rain and, although the 6th was a fairly sunny day, further rain from the Atlantic spread across the country on the 7th and continued in south-east England for much of the 8th.

The anticyclone off our south-west coasts then drifted slowly northwards across the country to the North Sea, and from the 9th until the 13th the weather, under the influence of the anticyclone was dry and warm with long sunny spells in all districts. Scotland had an unusually hot spell with afternoon temperatures in many central districts exceeding 25°C during several days of unbroken sunshine. On the 14th thunderstorms spread from France to southern England, but over most of the country weather remained dry and sunny until the 17th.

A westerly type of weather was re-established on the 18th, with depressions from the Atlantic moving east, first over the northern part, and later over the southern part, of the British Isles. These depressions maintained generally cool unsettled weather for about ten days until the 28th. Periods of rain alternated with heavy thundery showers which were accompanied by hail on the 20th, 21st and 23rd. Rainfall was particularly heavy over southern England on the 27th with falls in parts of the south-west exceeding 40 mm. Widespread flooding was reported on the 27th and 28th in the Midlands and also in southern and eastern England.

On the 29th a ridge of high pressure developed over the British Isles and weather became dry and sunny with temperatures returning to normal. The last day of the month was very warm in southern England with temperatures reaching 27°C during the afternoon, but thunderstorms broke out during the evening.

Pressure and Wind — Mean pressure was below the 1931-60 average everywhere the deficit at 0900 GMT ranging from 0.1 mb at Kilnsea to 2.0 mb at Benbecula. Surface winds were light and variable at first and then mainly westerly until the 28th apart from a period of light, variable or easterly winds from the 9th until the 17th. Winds were southerly during the last two days of the month. Gale force winds occurred on 4 days in Scotland and from the 20th to 28th in England and Wales. Gusts of 49 kt were recorded at Kirkwall and Portland Bill on the 26th and 27th respectively.

Temperature — In Scotland the first week and last ten days of the month were cool, but the intervening period, the 8th to the 17th, was sunny and warm with day temperatures exceeding 25°C in places. In England and Wales, on the other hand, day temperatures were above average during the first and last few days of the month and also from the 9th until the 19th. Extremes included: (England and Wales) 28.9°C at Wellesbourne on the 30th, -0.6°C at Alwen on the 9th;

(Scotland) 27.8°C at Faskally on the 10th, and at Achnashellach and Kinlochewe on the 11th, 0.0°C at Cairngorm on the 6th and 24th, and at Balmoral on the 28th; (Northern Ireland) 27.0°C at Strabane Convent on the 16th, 1.1°C at Loughermore Forest on the 29th.

Rainfall — Most of the rain fell during the first week and during the last ten days, but the month's rainfall was above the 1916-50 average almost everywhere except over the northern part of Northumberland, over Cumberland and Anglesey. It was more than twice the average over Cornwall, Devon, Glamorgan, Dorset and Hampshire and more than three times the average locally in south-east Devon and near Norwich. In Scotland a moderate excess in the northern counties and Northern Isles contrasted with less than half the average over a large area in the south.

Thunderstorms were more frequent than usual during the month. In Scotland they occurred on 14 days and were widespread on the 3rd, 4th and 20th. In England and Wales thunderstorms were reported on 16 days and were widespread over much of the Midlands, east and south-east England on the 2nd and 3rd, and over southern England on the 14th.

Sunshine — Sunshine was below the 1931-60 average in eastern and southern England but above average elsewhere. A feature of the month was the prolonged sunshine in Scotland from the 8th until the 17th when there were several consecutive days of unbroken sunshine which brought totals in many districts to 40-50 hours above average. In England and Wales percentages ranged from 73 at Wye to 124 at Tynemouth.

Fog — In Scotland morning fog was reported on 12 days mainly around the middle and towards the end of the month. In England and Wales, sea fog patches affected many coastal areas from the 14th until the 17th.

Miscellaneous Phenomena — The Aurora was not seen during the month.

TABLE 1—DISTRICT VALUES, JUNE, 1968

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.	24.4	2.9	+0.6	0.0	+0.3	+0.7	+0.2	-2	111	105
1 SCOTLAND, E.	25.0	3.3	+0.4	+0.1	+0.3	+0.5	0.0	0	84	111
2 ENGLAND, N.E.	26.1	3.9	+0.2	+0.2	+0.2	+0.8	+0.5	+1	113	109
3 ENGLAND, E.	26.7	5.0	-0.3	+0.3	+0.1	+0.1	+0.2	+6	155	79
4 MIDLANDS	26.9	4.4	+0.2	+0.7	+0.4	+0.7	+0.4	+2	149	102
5 ENGLAND, S.E.	26.8	4.4	-0.4	+0.5	+0.1	-0.4	-0.1	+5	147	82
6 SCOTLAND, W.	26.7	3.5	+0.6	0.0	+0.3	+0.4	-0.2	-2	60	113
7 ENGLAND, N.W. and N. Wales	26.4	3.9	+0.8	+0.5	+0.6	+0.3	-0.1	-1	126	108
8 ENGLAND, S.W. and S. Wales	26.7	2.8	+0.1	+0.4	+0.3	-0.5	-0.3	+4	205	95
N. IRELAND	26.1	3.9	+1.0	-0.7	+0.1	-	-	0	114	122
SCOTLAND	26.7	2.9	+0.5	0.0	+0.3	-	-	-1	80	110
ENG. and WALES	26.9	2.8	+0.1	+0.4	+0.3	-	-	+3	159	96

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

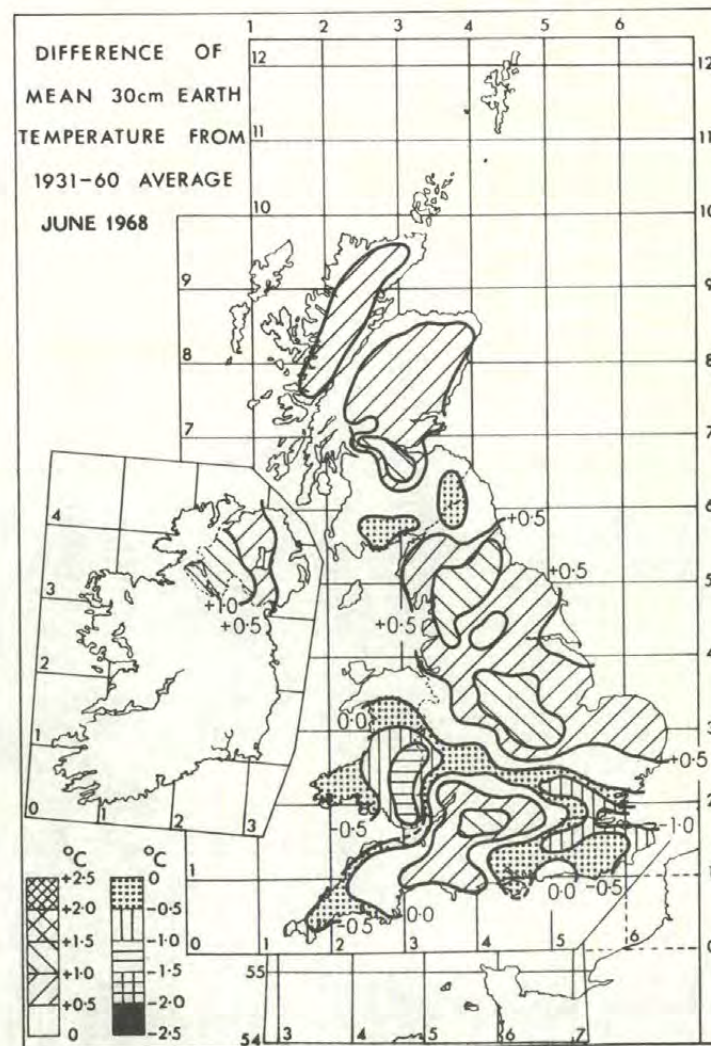
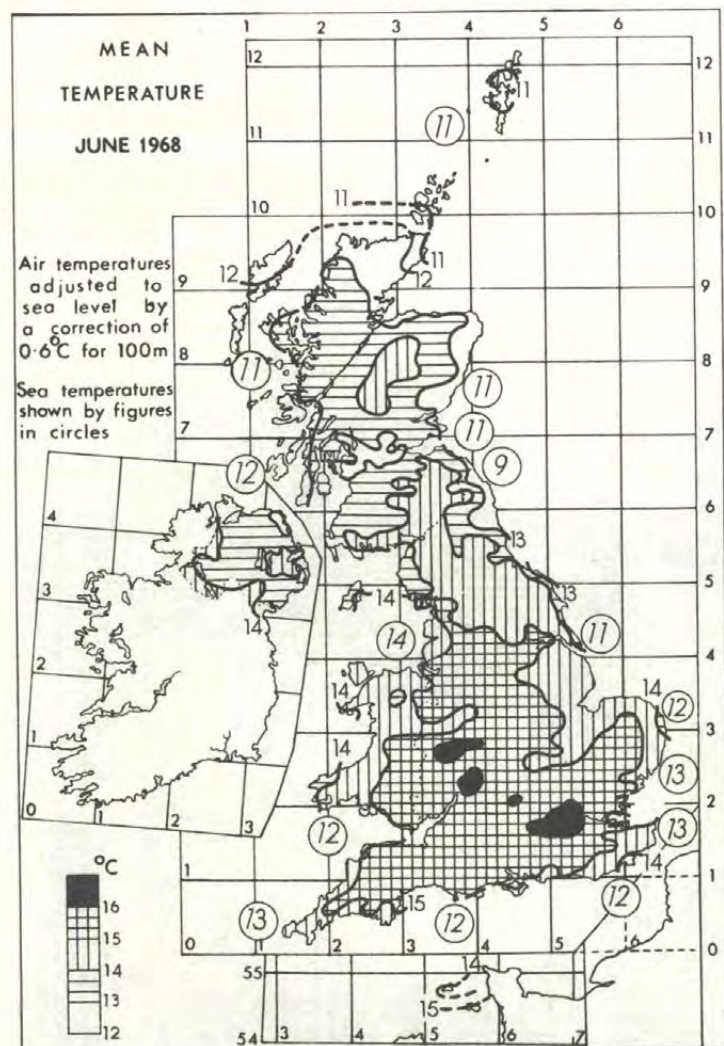
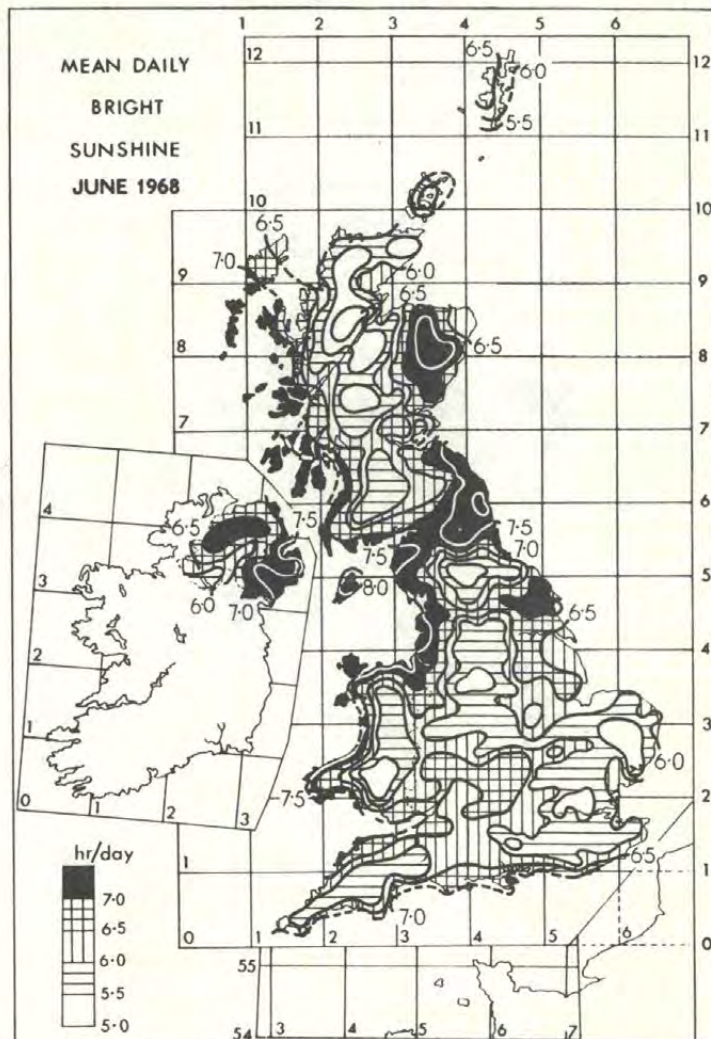
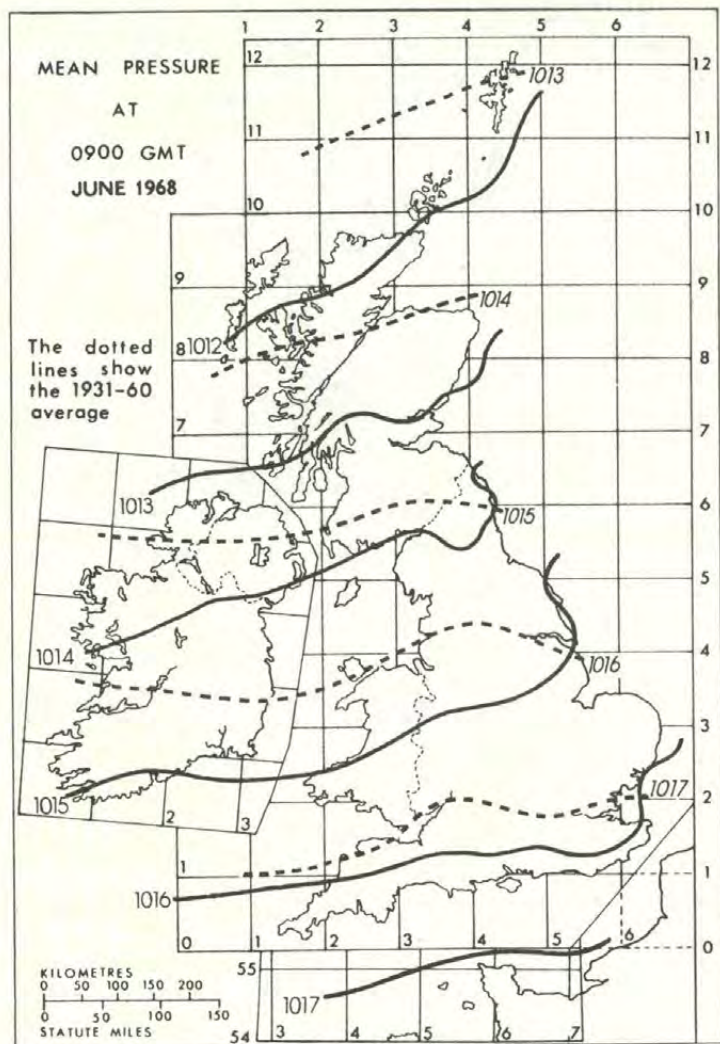
Meteorological Office: Dr. B. J. Mason, F.R.S. Director-General

FH3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JUNE, 1968

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	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	-	0	8	45	278	345	52	0	11.0	240	32	21	11	240	45	21	1140	
	Orkney	Kirkwall	41	15	10	-	0	10	44	322	315	39	0	11.6	270	29	26	10	270	49	26	1005	
	Caithness	Dounreay	34	12	9	-	0	5	19	382	254	65	0	11.1	160	28	29	22	160	37	29	2105	
		Wick	45	10	10	-	0	4	19	327	331	43	0	10.7	260	28	26	08	270	42	26	0740	
	Sutherland	Shin	24	10	10	-	0	4	12	181	283	238	0	7.1	270	28	26	10	270	43	26	0835	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	-	0	8	69	220	193	238	0	9.5	190	33	5	10	190	49	5	1055	
		Duirinish	38	20	17	-	0	4	9	215	344	150	2	8.3	190	24	30	03	200	38	30	0235	
	Inverness	Benbecula	16	10	10	-	0	9	62	336	259	63	0	11.9	150	32	29	22	150	45	29	2115	
		Corrach	23	15	12	-	0	4	8	275	274	161	2	8.5	210	24	5	13	190	40	6	0640	
		Fort Augustus (M.S.H.E.B.)	58	16	16	-	0	0	0	185	286	249	0	6.6	210	19	5	10	220	36	5	0905	
		Dalcross	21	10	10	-	0	0	0	198	291	231	0	7.0	230	21	5	11	230	35	6	0905	
		Cairngorm	1074	9	9	29	2	11	97	254	231	82	54	12.2	170	36	29	23	170	50	29	2220	
1	Moray	Kinloss	17	13	13	-	0	5	15	253	337	115	0	9.3	240	25	26	07	240	38	26	0635	
		Lossiemouth	31	24	18	-	0	1	8	193	340	179	0	7.6	240	25	26	08	240	41	26	0735	
	Aberdeen	Dyce	71	9	9	-	0	0	0	205	347	168	0	7.9	270	20	24	12	260	33	24	1140	
	Angus	Bell Rock	39	40	38	-	0	6	32	262	279	147	0	9.6	280	26	26	11	280	35	26	1015	
	Perth	Rannoch	307	17	17	-	0	3	5	284	265	144	22	8.8	220	23	6	09	270	36	6	1230	
		Tummel Bridge	161	16	16	-	0	0	0	104	351	265	0	5.4	270	17	24	12	260	31	24	1050	
	Fife	Leuchars	24	12	12	-	0	3	16	271	357	76	0	9.5	230	24	6	12	240	36	6	1135	
	West Lothian	Forth Road Bridge	72	9	72	-	0	3	3	215	396	106	0	8.3	240	24	6	11	210	38	30	1520	
	Midlothian	Turnhouse	42	12	10	-	0	3	3	215	396	106	0	8.3	240	24	6	11	210	38	30	1520	
6a	Argyll	Tiree	27	18	14	-	0	5	27	300	199	194	0	9.4	130	30	29	19	130	45	29	1805	
	Dunbarton	Cumbernauld	166	10	10	-	0	0	0	40	358	322	0	4.7	160	17	30	14	180	34	25	0850	
	Renfrew	Paisley	57	25	9	-	0	0	0	0	40	358	322	0	4.7	160	17	30	14	180	34	25	0850
		Abbotsinch	16	10	10	-	0	0	0	195	428	97	0	8.0	240	21	26	13	240	30	26	1305	
	Lanark	Lowther Hill	736	13	10	-	0	4	26	271	219	137	67	10.0	180	27	30	01	180	41	29	2340	
	Ayr	Hunterston	13	9	9	-	0	1	1	185	330	204	0	7.3	140	22	30	04	140	28	30	0340	
		Prestwick	21	10	10	-	0	0	0	205	345	170	0	7.6	200	20	30	15	200	33	30	1420	
	Dumfries	Chapelcross	94	15	15	-	0	0	0	148	341	231	0	6.8	230	21	25	17	230	39	25	1845	
		Eskdalemuir	259	10	10	-	0	0	0	148	341	231	0	6.8	230	21	25	17	230	39	25	1845	
	Wigtown	West Freugh	25	10	10	-	0	1	1	165	401	153	0	7.4	190	23	30	14	190	36	30	1310	
6b	Isle of Man	Ronaldsway	25	10	10	-	0	0	0	204	393	123	0	8.1	180	21	30	08	260	33	23	2020	
		Point of Ayre	20	10	10	-	0	5	18	259	395	48	0	10.2	180	28	30	11	180	39	30	1045	
2	Durham	Durham	119	16	10	-	0	0	0	36	246	438	0	3.4	280	17	24	10	290	36	24	1020	
		South Shields	22	17	13	-	0	0	0	101	378	241	0	5.7	250	17	24	12	270	32	24	0905	
	Yorks, N.R.	Leeming	42	10	10	-	0	0	0	130	405	185	0	6.7	250	18	25	18	270	29	24	0835	
		Middlesbrough	23	19	19	-	0	0	0	130	405	185	0	6.7	250	18	25	18	270	29	24	0835	
		Silpho Moor	207	15	9	-	0	1	1	188	378	153	0	7.5	240	22	27	10	250	35	27	1005	
	Yorks, E.R.	Leconfield	18	10	10	-	0	1	2	149	377	192	0	6.7	240	24	27	11	250	39	27	1100	
	Lincoln	Cranwell	76	12	12	-	0	1	3	205	421	91	0	8.2	230	24	27	11	230	39	27	1015	
		Binbrook	118	10	10	-	0	2	6	229	367	118	0	8.4	250	24	27	12	260	36	27	1155	
		Manby	26	10	10	-	0	1	3	205	421	91	0	8.2	230	24	27	11	230	39	27	1015	
3	Norfolk	Gorleston	16	13	13	-	0	6	41	293	305	79	2	10.8	210	28	27	14	210	41	27	1310	
	Suffolk	Mildenhall	30	25	18	-	0	0	0	144	316	260	0	6.3	220	21	27	12	210	37	22	1205	
	Bedford	Bedford	98	13	9	-	0	0	0	144	316	260	0	6.3	220	21	27	12	210	37	22	1205	
		Cardington	69	41	41	-	0	5	23	274	347	76	0	9.7	250	26	25	17	290	39	21	1150	
	Hertford	Garston	94	15	10	-	0	0	0	59	424	237	0	5.4	260	15	23	16	240	35	27	1305	
		Rothamsted	141	13	10	-	0	0	0	42	509	169	0	5.7	040	17	13	16	220	37	22	1230	
	Essex	Stansted	107	9	9	-	0	0	0	142	438	140	0	7.1	040	19	13	14	310	35	21	1320	
		Coryton	20	17	15	-	0	0	0	162	445	81	32	7.9	200	21	27	13	190	39	27	1236	
		Shoeburyness	36	32	28	-	0	8	72	356	259	33	0	12.8	190	32	22	19	200	48	22	1550	
4	Yorks, W.R.	Sheffield	162	25	11	-	0	0	0	163	417	140	0	7.6	220	21	22	14	230	33	22	1335	
		Church Fenton	18	10	10	-	0	0	0	57	520	143	0	5.8	250	17	27	11	340	35	28	1630	
	Warwick	Edgbaston	196	36	22	-	0	0	0	57	520	143	0	5.8	250	17	27	11	340	35	28	1630	
		Elmdon	105	9	9	-	0	2	2	208	471	39	0	8.7	240	22	25	15	250	44	27	1035	
	Buckingham	Amersham	152	15	15	-	0	0	0	38	368	314	0	4.7	230	16	27	09	230	41	27	0900	
	Stafford	Keele	215	15	10	-	0	0	0	38	368	314	0	4.7	230	16	27	09	230	41	27	0900	
	Worcester	Pershore	47	10	10	-	0	3															



RAINFALL

JUNE 1968

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

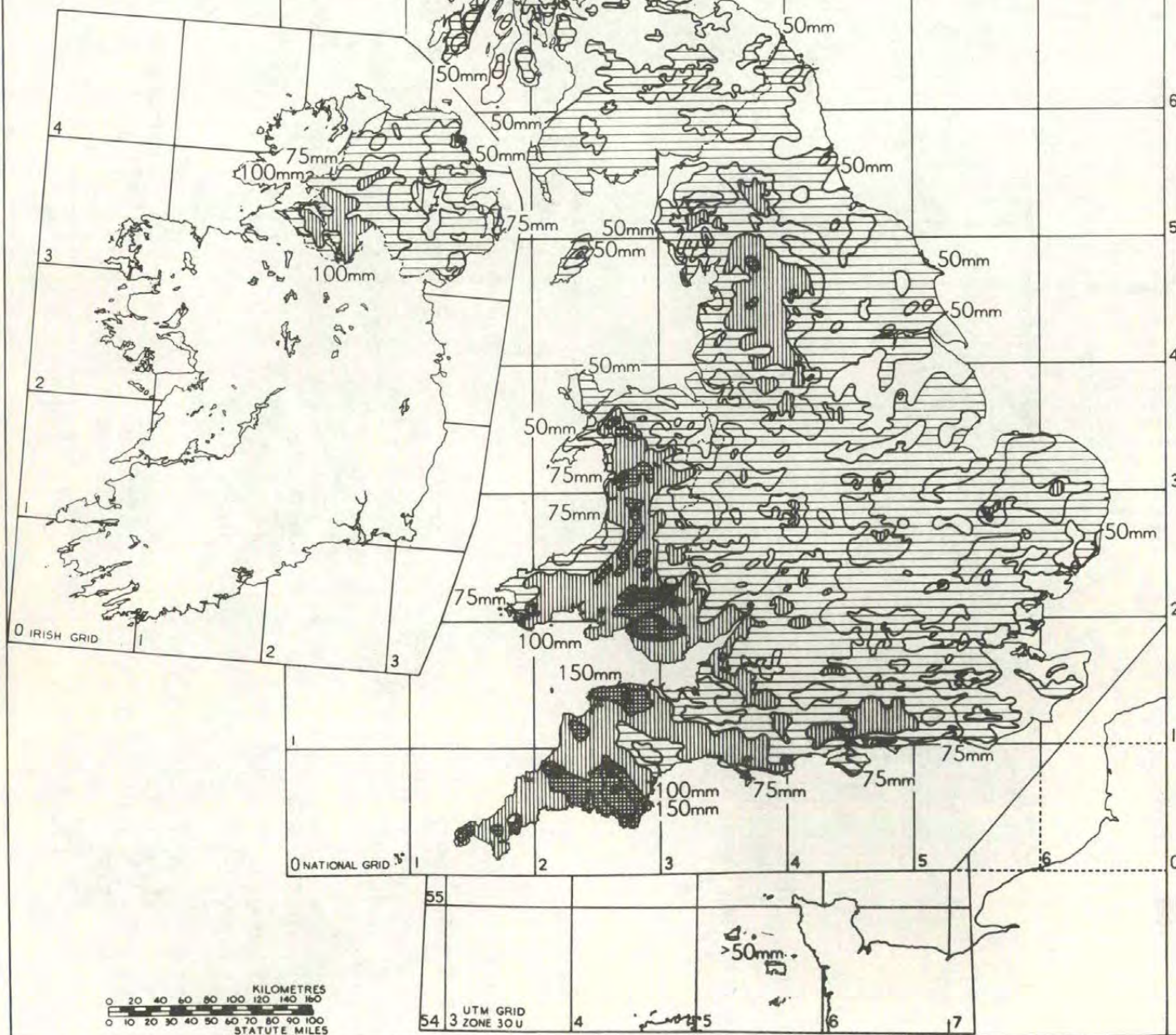
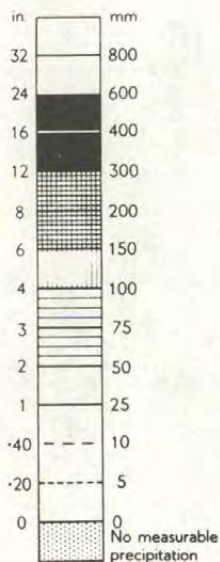


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1968

DISTRICT, COUNTY AND PLACE		Max. 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		Daily Mean (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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date					30 cm.	122 cm.	0.2 mm. or more	1.0 mm. or more														Snow or Sleet			
0 SCOTLAND, N.																																				
Zetland	Hamnavoe	...	9 9	21	13.4	8.6	11.0	-	18.9	3	6.1	23	-	-	76	-	14	20	19	11	0	0	0	0	0	0	0	0	0	0	1	0	0	6.58	-	-
	Lerwick	¶	21-9	82	12.5	8.0	10.3	+0.3	15.0	30	5.7	23	-	-	89	157	19	20	17	14	0	0	0	0	0	0	0	3	0	0	0	0	1	5.56	106	-
Orkney	Baltasound	...	9 9	24	14.0	7.8	10.9	-	18.3	3	3.3	23	9.8	-	97	149	18	9	16	12	0	0	0	0	0	0	0	3	0	0	0	0	0	6.19	-	-
	Sule Skerry	...	21-9	13	12.7	8.3	10.5	-	14.9	14	7.3	22	-	-	119	-	32	23	19	17	0	0	0	0	0	0	3	0	0	0	0	0	-	-	-	
Caithness	Stenness	...	9 9	23	15.1	8.3	11.7	-	18.9	14	5.6	25	11.3	9.0	77	148	14	20	20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	5.47	-	-
	Kirkwall	...	21-9	26	14.1	7.8	10.9	+0.1	17.6	3	4.2	29	-	-	75	145	21	20	14	10	0	0	0	0	0	0	2	0	0	0	0	0	4.12	75	-	
Sutherland	Dounreay	...	9 9	21	16.6	7.7	12.1	-	22.8	12,17	3.3	29	-	-	91	-	30	23	17	9	0	0	0	0	0	1	0	0	0	0	0	0	5.96	-	-	
	Wick	¶	21-9	36	13.9	7.8	10.9	+0.1	17.7	30	2.9	29	-	-	68	131	24	23	13	8	0	0	0	0	0	0	1	4	0	1	0	0	5.43	99	-	
Ross & Cromarty	Cape Wrath	...	21-9	112	14.0	9.0	11.5	+0.9	25.0	11	5.6	6,15	-	-	98	129	21	20	15	12	0	0	0	0	0	0	4	0	0	0	0	0	6.09	-	-	
	Achfary	...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Inverness	Achany	€	9 9	85	17.6	7.0	12.3	-	24.4	14	0.6	29	13.1	9.8	81	131	28	22	20	11	0	0	0	0	0	0	0	0	0	10	0	6.19	-	-		
	Strathly	...	9 9	37	17.3	7.7	12.5	+0.9	25.0	12,17	1.7	29	-	-	103	149	25	23	21	13	0	0	0	0	0	0	2	1	0	0	0	5.92	113	-		
Glenmoriston	Achentoul	...	9 9	137	17.7	7.0	12.3	-	25.6	12	0.6	29	-	-	82	-	20	23	19	16	0	0	0	0	0	0	3	0	0	0	0	0	5.65	-	-	
	Stornoway	¶	21-9	3	15.9	8.0	11.9	+0.3	24.1	11	3.4	3	-	-	66	101	18	20	16	10	0	0	0	0	1	1	0	0	0	2	0	6.12	106	-		
Glenelg	Balmacara	...	9 9	4	17.2	9.7	13.5	-	26.7	11	5.6	25	-	-	118	-	20	21	17	17	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Poolewe	...	9 9	6	17.3	9.8	13.5	-	25.6	11	6.7	29	-	-	108	112	19	21	16	16	0	0	0	0	0	0	0	0	0	0	0	6.75	-	S		
Glenelg	Rudh Re	...	21-9	16	14.7	9.7	12.2	-	20.0	11	7.5	24	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	0	0	1	-	-	-		
	Inverpoll	...	9 9	14	16.8	9.3	13.1	-	24.4	11,12	5.6	25,29	12.4	-	69	80	12	20	18	15	0	0	0	0	0	0	0	0	0	2	0	5.93	-	-		
Glenelg	Achnashellach	...	9 9	67	17.8	7.8	12.8	+0.4	27.8	11	3.9	29	-	-	134	106	19	25	20	17	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Kinlochewe	...	9 9	23	18.2	7.9	13.1	+0.3	27.8	11	(3.3)	29	13.2	-	120	100	33	29	16	15	0	0	0	0	0	0	0	0	0	2	0	5.36	-	S		
Glenelg	Knockanrock	...	9 9	244	15.4	7.9	11.7	-	23.9	11,12	5.6	5,7,25	-	-	124	-	15	25	20	18	0	0	0	0	0	1	-	0	0	0	0	0	-	-	-	
	Fortrose	¶	9 9	5	15.6	10.1	12.9	+0.4	20.0	10	7.8	28	-	-	40	87	9	23	11	8	0	0	0	0	0	0	0	0	2	0	0	5.03	88	-		
Glenelg	Tarbatness	...	21-9	18	15.1	9.4	12.3	+0.2	21.0	30	7.0	6,7	-	-	46	111	11	23	16	10	0	0	0	0	0	0	4	0	0	0	0	0	-	-	-	
	Benbecula	...	21-9	6	15.9	9.2	12.3	+0.1	21.0	11	5.0	29	-	-	63	85	13	21	14	11	0	0	0	0	0	1	1	0	0	2	0	7.65	-	-		
Glenelg	Isle of Rhum	€	9 9	5	17.1	8.9	13.0	-	25.6	11	4.4	29	15.3	11.4	115	71	22	24	17	14	0	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
	Prabost	...	9 9	67	16.8	8.7	12.7	-	27.2	11	5.6	3,23,28	-	-	89	85	21	29	21	16	0	0	0	0	0	0	1	0	0	1	3	6.96	-	-		
Glenelg	Duntulm	...	9 9	90	15.3	8.9	12.1	+0.6	22.2	11	6.7	24,25,28	-	-	75	88	13	29	17	15	0	0	0	0	0	0	1	0	0	0	0	2	7.12	125	-	
	Onich	¶	9 9	15	17.7	8.7	13.2	+0.6	24.4	11	3.9	9	-	-	100	80	15	24	20	15	-	-	-	0	-	0	0	0	0	0	0	6.21	127	S		
Glenelg	Fort William	€	9 9	8	17.6	9.3	13.5	-	23.9	11	4.4	9	14.3	12.2	98	-	15	29	19	16	-	0	-	-	0	0	0	0	0	0	0	5.87	-	-		
	Corpach	...	9 9	8	18.6	8.7	13.7	-	27.2	11	1.7	1	-	-	87	-	15	29	18	14	0	0	0	0	0	0	0	0	0	2	0	-	-	-		
Glenelg	Fort Augustus	...	9 9	21	17.8	8.9	13.3	+0.6	26.1	14	4.4	28,29	-	-	30	-	4	15	13	0	0	0	0	0	0	0	0	0	0	0	0	5.55	-	S		
	Inverness	...	9 9	4	17.3	9.7	13.5	-	22.8	10	6.1	28,29	-	-	38	82	10	20	12	9	0	0	0	0	0	0	0	0	0	0	0	5.97	-	-		
Glenelg	Coire Cas Shieling	...	9 9	762	14.3	6.6	10.5	-	23.3	11	2.2	24	-	-	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Cairngorm	...	9 9	1090	11.1	4.4	7.7	-	20.0	11,12	0.0	6,24	-	-	84	-	-	-	-	3	-	0	2	0	-	0	-	0	-	6	-	-	-	-		
Glenelg	Achnagoichan	...	9 9	305	18.2	6.7	12.5	-	26.7	11	1.7	28	10.6	-	32	57	6	23	13	10	-	-	-	-	-	0	10	-	-	0	8	-	-	-		
	Glenmore Lodge	...	9 9	341	17.8	6.1	11.9	+0.7	26.1	12	0.1	28	-	-	27	41	9	22	12	6	-	0	-	-	-	0	0	8	-	6.17	-	S	-	-		
1 SCOTLAND, E.																																				
Nairn	Nairn	...	9 9	6	16.4	8.3	12.3	-0.3	23.3	30	1.7	29	-	-	50	105	10	23	14	10	0	0	0	0	0	1	3	0	2	0	0	5.34	94	-		
	Grantown-on-Spey	...	9 9	229	18.7	6.3	12.5	-	26.7	12	0.6	28,29	-	-	40	-	19	23	15	9	0	0	0	1	0	1	0	0	0	11	0	0	-	-	-	
Moray	Forres	¶	9 9	47	17.6	8.7	13.1	+0.3	23.3	14	3.3	29	14.2	11.2	39	77	15	23	17	7	0	0	0	0	0	1	0	0	0	0	0	5.76	96	-		
	Kinloss	...	21-9	5	17.4	8.2	12.8	+0.3	23.0	3	1.0	29	12.3	-	42	85	14	23	14	9	0	0	0	0	0	2	1	0	3	0	0	6.26	-	-		
Glenelg	Elgin	...	9 9	15	18.2	8.2	13.2	-	23.9	12,30	2.8	29	-	-	49	91	15	23	11	10	0	0	0	0	0	0	0	0	0	2	0	7.07	-	-		
	Lossiemouth	...	9 9	6	16.8	8.4	12.6	+0.1	23.9	30	3.3	27	-	-	55	109	21	23	11	9	0	0	0	0	0	2	2									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1968

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						Total fall (mm.)	Percentage of 1916-59 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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-59 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-59 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
1	SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1968

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 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 or more 0.2 mm. or more 1.0 mm. or more or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
6b	ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE.

1968

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 1916-50 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†	Glass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
4 MIDLAND COUNTIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	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 9 hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9 hr.	Air Frost	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Most in a day (Amount)	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.	Concrete min. below °C.	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure
			Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date						0.2 mm. or more	1.0 mm. or more															
7a ENGLAND, N.W.—cont.																																
Lancashire	Garstang	99	21	18.5	9.9	14.2	-	23.9	14	5.0	9	-	70	110	18	22	12	10	-	0	-	-	-	0	0	0	-	7.35	-	-		
—cont.	Bailrigg	99	54	18.2	10.2	14.2	-	24.5	16	6.3	9	-	79	-	21	22	14	12	-	0	-	-	-	0	0	0	-	7.46	-	-		
	Morecambe	99	7	19.0	11.7	15.3	+0.9	26.1	30	8.3	9	-	122	193	38	22	13	12	-	0	-	-	-	0	0	0	-	7.34	106	-		
	Penketh	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Preston	99	33	18.8	10.6	14.7	-	26.1	30	6.7	9	-	108	158	21	22	15	14	-	0	-	-	-	0	0	0	-	-	-	-		
	Bolton	99	107	18.8	10.3	14.5	-	26.1	30	6.1	9	14.1	97	-	19	26	12	11	-	0	-	-	-	0	0	0	-	6.31	-	-		
	Stonyhurst	99	115	18.8	(9.7)	14.3	(+0.5)	26.1	14	6.1	9	-	116	150	24	26	14	9	-	-	-	-	-	0	-	-	(6.67)	(107)	-	-		
	Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helmshore	99	260	17.3	9.5	13.4	-	23.9	30	6.7	10	13.9	134	142	29	19	13	12	-	0	-	-	-	0	0	0	-	6.57	-	-		
	Burnley	99	200	18.3	9.4	13.9	-	25.6	30	5.6	9	13.2	119	-	24	19	16	13	-	0	-	1	0	1	1	0	0	6.42	-	-		
	Nelson	99	165	18.1	9.7	13.9	-	25.7	30	5.7	9	14.9	111	158	31	26	15	12	-	0	-	-	-	0	0	0	-	5.92	-	-		
	Rochdale	99	110	19.2	10.1	14.7	-	26.7	30	5.0	9	-	99	138	17	26	15	14	-	0	-	-	-	0	0	0	-	5.83	-	-		
Cheshire	West Kirby Park	99	8	20.4	11.0	15.7	-	26.1	30	7.2	10	-	57	-	14	26	14	11	-	0	-	-	-	0	0	0	-	8.26	-	-		
	Bidston	99	60	18.0	11.4	14.7	+0.6	25.6	30	8.9	6,9,24	-	67	133	11	26	15	14	-	-	-	-	-	0	0	0	-	7.13	106	-		
	Ness Gardens	99	55	19.0	9.8	14.4	-	26.1	30	6.7	24	-	71	-	17	26	13	12	-	-	-	-	-	0	1	-	-	-	-	-		
	Winnington	99	20	20.1	11.1	15.6	-	26.7	30	7.2	10	-	76	141	23	26	14	12	-	0	-	-	-	0	0	0	-	-	-	-		
	Knutsford	99	65	20.0	10.3	15.1	-	27.3	30	6.6	10	16.5	72	114	17	26	14	12	-	0	-	-	-	-	0	0	-	-	-	-		
	Ringway	21-9	76	19.3	10.9	15.1	+0.8	26.4	30	7.6	9	-	67	114	16	26	13	12	-	0	-	-	-	0	0	0	-	6.30	106	-		
	Macclesfield	99	152	17.6	10.6	14.1	-0.1	25.6	30	7.2	10	-	95	138	21	26	14	13	-	0	-	-	-	0	0	0	-	-	-	-		
7b NORTH WALES																																
Flint	Rhyl	99	9	18.4	10.4	14.4	+0.2	26.7	30	5.0	9	-	58	138	12	26	13	10	-	0	-	-	-	0	0	0	-	7.35	105	-		
	Prestatyn	99	4	18.1	10.4	14.3	-	26.1	30	6.7	9	-	60	123	11	26	15	12	-	0	-	-	-	0	0	0	-	7.28	111	-		
	Hawarden Bridge	99	5	19.6	10.2	14.9	+0.3	26.7	30	5.6	10	-	66	143	14	26	13	12	-	0	-	-	-	0	0	0	-	-	-	-		
Anglesey	Valley	21-9	10	17.7	11.0	14.3	+0.8	23.2	14	7.1	9	-	47	92	14	26	11	7	-	0	-	-	-	0	0	0	-	7.64	104	-		
Denbigh	Colwyn Bay	99	36	17.4	11.0	14.2	0.0	23.3	30	8.3	6,9,10	15.3	58	121	14	28	15	9	-	0	-	-	-	0	0	0	-	7.78	111	-		
	Alwen	99	335	16.9	6.5	11.7	-	24.4	30	-0.6	9	-	85	112	14	26	18	14	-	-	-	-	-	1	1	-	-	-	-	-		
	Ruthin	99	76	18.6	8.7	13.7	-	26.7	30	2.8	9	-	53	-	10	26	16	11	-	0	-	-	-	-	0	0	-	6.40	-	-		
	Loggerheads	99	210	17.8	8.6	13.2	-	25.2	30	4.4	10	13.6	87	129	20	22	17	14	-	0	-	-	-	0	0	0	-	-	-	-		
	Bwlchwyn	99	386	16.4	(8.8)	(12.0)	-	24.4	30	5.6	3,15,28	11.8	56	121	13	26	13	12	-	0	-	-	-	0	0	0	-	-	-	-		
	Wrexham	99	84	19.5	9.9	(14.7)	-	26.7	30	6.1	10	-	65	85	17	26	14	11	-	0	-	-	-	0	0	0	-	-	-	-		
Caernarvon	Bardsey Island	21-9	18	15.4	11.1	13.3	-	21.0	11	8.1	9	-	31	-	17	26	10	5	-	-	-	-	-	2	0	0	-	-	-	-		
	Botwnnog	99	34	17.6	10.1	13.9	-	21.7	11,14,15	5.6	9	16.8	42	-	19	26	11	8	-	0	-	-	-	0	0	0	-	7.57	-	-		
	Bryn Adda	99	84	18.3	10.2	14.3	-	24.4	30	5.0	9	-	65	85	17	26	14	11	-	0	-	-	-	0	0	2	-	7.97	-	-		
	Aber	99	18	17.9	10.4	14.1	0.0	22.8	11,30	5.6	9	-	64	94	14	26	18	12	-	0	-	-	-	0	0	0	-	7.33	107	-		
Merioneth	Trawsfynydd	99	186	17.6	(9.7)	13.7	-	23.9	30	5.0	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	-	-		
	Corwen	99	144	18.4	8.0	13.2	-	26.1	30	1.7	9	-	61	98	16	26	16	14	-	0	-	-	-	0	0	0	-	-	-	S		
Montgomery	Ceinws	99	61	19.6	8.4	14.0	-	26.7	30	1.7	9	-	42	26	-	-	-	-	-	-	-	-	-	0	0	2	-	-	-	-		
	Lake Vyrnwy	99	303	17.1	8.4	12.7	-	21.7	10,17,30	3.9	9	13.1	108	116	31	26	16	15	-	0	-	-	-	0	0	0	-	-	-	-		
8a SOUTH WALES																																
Cardigan	Aberporth	21-9	133	16.2	10.4	13.3	-0.1	22.1	30	7.0	20	-	70	132	18	24	14	9	-	0	-	-	-	0	0	0	-	7.45	-	-		
	Aberystwyth	99	138	17.5	9.9	13.7	+0.2	24.4	30	4.4	9	-	106	152	21	24	17	14	-	0	-	-	-	0	0	0	-	6.44	99	-		
	Frongoch	99	31	18.2	9.9	14.1	-	25.6	30	3.3	9	-	112	167	22	26	17	14	-	0	-	-	-	0	0	0	-	6.66	-	-		
	Gogerddan	99	165	18.2	-	-	-	24.4	30	1.7	9	-	-	-	20	26	-	-	-	-	-	-	-	1	0	1	-	6.04	-	-		
	Swyddffynnon	99	61	18.5	9.2	13.9	-	25.6	30	1.1	9	13.9	83	113	18	26	16	14	-	0	-	-	-	0	0	0	-	6.24	-	-		
	Trawscoed	99	290	16.4	9.7	13.1	-	23.3	30	3.9	9	-	126	140	28	24	18	16	-	0	-	-	-	0	0	0	-	5.95	98	-		
	Llety-evan-hen	99	301	16.6	8.4	12.5	-	23.9	30	0.6	9	-	105	-	26	26	15	15	-	-	-	-	-	0	0	0	-	-	-	-		
	Cwmystwyth	99	33	17.7	9.6	13.7	-	23.3	14	5.6	8	15.8	66	-	19	26	13	10	-	0	-	-	-	0	0	0	-	7.38	-	-		
Pembroke	Dale Fort	99	37	17.3	11.0	14.1	-	24.0	14	7.5	6,9	-	91	-	25	26	13	10	-	0	-	-	-	0	0	0	-	-	-	-		
	Milford Haven C.B.	21-9	110	16.6	9.7	13.1	-	21.1	11	6.1	6,9	-	95	162	22	26	11	11	-	0	-	-	-	0	0	0	-	7.50	-	-		
	Brawdy	99	61	18.0	9.9	13.9	-	23.3	14	6.1	10	14.7	115	-	33	22	15	13	-	0</												

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JUNE,

1968

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		Daily Mean (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure			
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																							
8b ENGLAND, S.W.—cont.																																		
Devon		9 9	36	18.6	11.6	15.1	+0.1	22.8	17.30	7.8	10	15.7	13.7	137	269	42	27	17	13	0	0	0	0	0	0	0	0	0	0	0	6.07	82	-	
—cont.		9 9	139	18.8	9.7	14.3	0.0	24.4	30	6.1	10	-	-	176	-	35	27	18	12	0	-	0	0	0	0	0	0	0	0	-	-	-	-	
Plymouth, The Hoe		21-9	6	18.8	11.4	15.1	0.0	28.0	30	8.4	9	-	-	122	260	20	27	15	13	0	0	0	1	0	1	0	0	0	0	6.71	-	-	-	
Tavistock		9 9	8																															
Chivenor		9 9	37	19.4	9.6	14.5	-	24.4	30	4.4	10	16.2	12.6	202	354	41	27	16	15	0	0	0	0	2	0	0	0	0	0	5.65	-	-	-	
Ilfracombe		9 9	32	17.9	10.8	14.3	-	21.7	30	6.7	10	-	-	160	-	30	27	14	12	0	-	0	0	1	1	0	0	0	0	-	-	-	-	
Totnes		9 9	83	18.7	10.6	14.7	0.0	22.8	17	6.1	10	-	-	132	274	27	27	17	14	0	0	0	1	0	0	0	0	0	0	5.76	84	-		
Slapton		9 9	8	18.8	11.6	15.2	+0.2	22.8	14	8.4	10	-	14.4	142	314	33	27	18	13	0	0	0	0	1	0	0	0	0	1	7.29	95	-		
Newton Abbot																																		
Torbay (Torquay)																																		
Teignmouth		9 9	6	18.7	11.7	15.2	0.0	23.3	14	8.3	10	-	-	92	220	20	14	16	11	0	0	0	0	1	0	0	0	-	-	6.83	91	-		
Starcross		9 9	9	19.1	10.5	14.8	-	23.3	17.30	6.1	10	16.2	-	84	186	20	27	16	12	0	0	0	0	2	0	0	0	0	0	6.56	-	-	-	
Exeter		21-9	32	19.4	10.7	15.1	-	24.0	17	6.1	10	-	-	73	170	19	27	15	10	0	0	0	0	2	0	0	0	0	-	5.87	-	-	-	
Sidmouth		9 9	8	18.7	11.3	15.0	+0.5	22.8	13,17,30	6.7	10	-	-	85	213	24	27	13	11	-	0	-	-	-	0	0	0	-	5.30	74	-	-	-	
Scilly		21-9	48	17.2	11.6	14.4	+0.1	20.1	17	9.8	2,6	-	-	118	268	35	27	13	11	0	0	1	0	0	3	0	0	0	6.28	83	-	-	-	
Penzance		9 9	19	17.8	11.1	14.5	-0.4	20.6	16,18	7.2	10	-	-	132	264	27	27	17	13	0	0	0	0	0	0	0	0	-	6.51	89	-	-	-	
Gulval		9 9	15																															
Culdrose		9 9	82	17.0	10.7	13.9	-	21.5	30	6.4	6	-	-	125	291	31	27	15	13	0	0	0	0	1	4	0	0	-	5.94	-	-	-	-	
Rosewarne		9 9	76	17.0	10.7	13.9	-	23.3	30	8.9	10,16	15.2	13.4	138	294	26	27	16	15	0	0	0	0	1	2	0	0	-	5.86	-	-	-	-	
Lizard		9 9	73	16.8	11.0	13.9	-0.2	20.0	30	9.0	9	-	-	113	268	33	27	15	14	0	0	0	0	2	-	0	-	1	6.71	-	-	-	-	
Falmouth		9 9	51	17.4	10.7	14.1	-0.4	22.2	16	8.3	6,10,21	-	-	120	241	34	27	18	13	0	0	0	0	0	0	0	0	-	6.62	90	-	-	-	
Newquay		9 9	54	16.9	11.2	14.1	-0.1	23.3	30	7.8	10	-	-	103	229	24	27	17	13	0	-	0	0	1	-	0	0	-	6.04	82	-	-	-	
St. Mawgan		21-9	103	16.7	10.9	13.8	-	22.1	30	8.6	10	-	-	117	235	25	27	17	14	0	0	0	0	1	0	0	0	-	5.96	-	-	-	-	
St. Austell		9 9	94	18.0	10.8	14.4	-	22.2	16	7.8	20	-	-	122	207	30	27	16	15	0	0	0	0	1	0	-	-	0	-	-	-	-	-	
Fowey		9 9	40	18.1	10.9	14.5	-0.2	23.3	16	7.2	10	-	-	103	-	26	27	16	9	0	0	0	0	0	0	0	0	2	-	-	-	-	-	
Bude		9 9	15	17.6	10.9	14.3	+0.1	25.6	30	6.1	9	-	-	110	245	22	27	16	14	-	0	-	-	-	-	0	0	-	-	-	-	-	-	
Ellbridge		9 9	58	18.7	10.2	14.5	0.0	23.3	30	5.6	10	-	-	145	264	35	27	15	13	0	0	0	0	0	0	0	0	-	6.04	84	-	-	-	
9 NORTHERN IRELAND																																		
Londonderry		9 9	174	17.4	7.1	12.3	-	25.0	11	1.1	29	-	-	89	-	19	22	19	17	0	0	0	0	1	0	0	3	-	-	-	-	-	-	
Loughmore Forest		21-9	2	18.1	9.1	13.6	+0.0	20.1	11	4.5	29	15.8	12.1	74	127	22	19	17	9	0	0	0	0	0	0	0	0	0	6.89	122	-	-	-	
Ballykelly		9 9	88	18.6	7.7	13.1	-	24.4	11	3.9	9,29	-	-	65	-	13	25	16	12	0	0	0	0	0	0	0	5	-	-	-	-	-	-	
Derrynoyd Forest		9 9	43	18.7	7.2	12.9	-	25.6	16	3.9	5,6	-	-	61	-	19	22	14	14	0	0	0	0	0	0	0	1	-	-	-	-	-	-	
Somerset Forest		9 9	91	17.7	7.8	12.7	-	23.9	11,16	3.3	6	15.1	10.9	62	-	16	22	17	13	0	0	1	0	2	0	0	0	0	-	-	-	-	-	
Garvagh Forest		9 9	34	18.3	7.7	13.0	-0.1	24.0	11	4.0	9,29	14.9	-	69	100	18	22	17	13	0	0	2	0	0	0	0	3	0	-	-	-	-	-	
Moneydig		21-9	9	-	-	-	-	-	-	-	-	-	-	65	-	19	22	14	13	-	-	-	-	-	-	-	-	-	6.82	-	-	-	-	
Portrush Golf Club		9 9	9	-	-	-	-	-	-	-	-	-	-	73	-	13	22	17	14	0	-	0	0	0	0	0	0	-	-	-	-	-	-	
Ballymoney		9 9	55	18.7	7.7	13.2	-	25.0	11	5.0	5	-	-	89	-	14	22	16	14	0	0	0	0	0	0	0	0	0	-	7.15	-	-	-	-
Lisnafillan		9 9	38	18.0	8.1	13.1	-	23.3	11	3.9	6,9	-	-	89	-	16	22	16	14	0	0	0	0	0	0	0	0	-	6.96	117	-	-	-	
Aldergrove		21-9	69	18.5	8.9	13.7	+0.4	24.0	14	4.4	29	14.8	10.6	52	83	16	22	16	10	0	0	0	1	0	0	0	0	-	6.96	117	-	-	-	
Greenmount		9 9	32	18.6	8.8	13.7	-	25.0	10	3.9	9	15.3	-	48	-	13	22	17	9	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Altnahinch		9 9	226	16.2	7.8	12.0	-	23.3	11	4.4	9	-	-	85	-	17	25	16	13	0	0	0	0	3	2	0	0	-	6.83	-	-	-	-	
Parkmore Forest		9 9	235	15.9	6.9	11.4	-	20.6	14	2.8	6	12.9	-	91	-	19	20	17	15	0	0	0	0	1	2	0	0	-	-	-	-	-	-	
Black Mountain		21-9	295	16.3	8.2	12.3	-	21.6	10,11	3.4	6	-	-	59	-	15	22	13	12	0	-	0	0	0	0	0	0	-	-	-	-	-	-	
Lowtown		9 9	271	16.1	8.0	12.1	-	21.7	10	3.9	6	13.0	-	69	-	11	22	16	11	0	0	0	0	1	0	0	0	-	6.54	-	-	-	-	
Ballypatrick Forest		9 9	152	16.3	7.3	11.8	-	23.3	11	3.3	29	-	-	71	-	15	20	15	11	0	0	1	0	1	0	0	0	-	7.29	-	-	-	-	
Belfast, Malone		9 9	35	17.9	8.8	13.3	-	23.3	14	3.9	6	15.4	</																					

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE,

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (G.M.T.)	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	9	10	11	12									
																									22-33	11-21	1-10	0										
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	3	1012.0	-	8.7	0.3	10.7	95	6.4	0	3	4	10	9	4	0	4	1	1	0	1	7	4	4	8	0	1	11	16	2	3	1	2	2	6	5	7	2	
	9	1011.7	-1.5	10.4	1.0	11.1	88	6.2	0	3	7	7	10	3	0	1	2	0	3	1	4	1	9	9	0	0	3	12	14	1	0	0	5	4	5	3	0	
	15	1012.3	-	11.5	1.4	11.3	84	5.9	0	0	6	14	7	0	0	0	1	0	1	1	4	6	7	10	1	0	14	15	0	1	1	4	4	10	4	6	0	
	21	1012.4	-	9.4	0.5	11.0	93	6.8	0	0	2	1	16	9	2	0	2	1	1	0	0	6	7	5	8	0	1	9	19	1	0	2	1	4	10	2	6	1
	3	1012.1	-	8.8	0.3	10.9	96	6.2	0	0	5	2	10	9	4	0	2	4	1	0	0	0	3	5	7	8	0	0	10	17	3	1	1	3	4	6	3	8	1
Orkney Kirkwall	9	1012.1	-1.3	11.2	1.0	11.6	87	6.6	1	1	3	15	9	1	0	0	1	1	2	1	5	4	4	12	0	0	3	18	8	1	2	4	1	5	8	1	6	2
	15	1012.2	-	12.8	2.0	11.5	78	6.0	1	2	4	16	6	1	0	0	0	1	0	1	3	3	8	14	0	0	6	15	9	0	1	1	3	9	6	1	7	2
	21	1012.5	-	10.0	0.7	11.3	92	6.3	0	4	3	14	7	2	0	0	1	1	1	0	4	5	8	10	0	0	10	18	2	1	0	6	4	6	0	7	4	
	3	1012.2	-	8.5	0.4	10.5	94	5.6	0	7	4	7	8	4	0	3	1	0	2	3	5	4	3	9	0	0	7	23	0	1	0	3	8	3	4	8	3	
	9	1012.2	-1.5	11.2	1.3	11.3	85	6.8	0	1	4	15	7	3	0	1	0	3	0	2	6	1	5	12	0	0	1	15	14	0	3	1	3	9	6	1	4	3
Caithness Wick	15	1012.1	-	12.7	2.1	11.1	76	5.6	0	4	8	11	4	3	0	0	2	1	0	0	3	5	4	15	0	0	9	21	0	1	1	6	2	3	5	6		
	21	1012.6	-	10.3	0.7	11.3	90	5.6	0	8	2	10	7	3	0	1	2	0	0	0	5	8	2	12	0	0	2	23	5	0	0	1	8	9	3	0	5	4
	3	1011.1	-	10.6	1.0	11.3	88	6.2	0	2	7	10	10	1	0	0	1	1	0	0	0	3	10	15	0	0	3	5	10	0	1	1	0	5	3	8	5	1
	9	1011.2	-	11.5	1.4	11.4	85	6.2	0	3	5	11	7	4	0	0	3	0	1	0	0	0	3	10	15	0	3	5	16	6	1	1	0	5	3	8	5	1
	15	1011.7	-	12.2	1.5	11.9	84	6.1	0	1	11	5	11	2	0	1	0	1	0	2	4	2	7	13	0	0	4	12	14	0	0	1	4	5	0	13	6	1
Ross & Cromarty Stornoway	21	1011.6	-	11.1	1.1	11.5	88	5.9	0	3	7	10	10	0	0	0	0	0	0	0	4	2	7	17	0	0	4	11	13	2	0	0	3	7	0	10	7	1
	3	1011.7	-	9.2	0.4	11.2	95	5.2	1	8	3	13	5	0	0	0	0	0	0	0	5	9	9	7	0	0	3	16	8	1	1	2	3	5	4	5	1	
	9	1011.8	-1.8	12.6	1.4	12.3	84	6.1	1	3	4	16	6	0	0	0	0	0	0	0	2	9	11	8	0	1	10	18	1	0	3	3	2	11	3	5	2	
	15	1012.1	-	14.1	2.2	12.3	76	5.7	0	4	5	15	6	0	0	0	0	0	0	0	2	9	8	11	0	0	1	17	11	1	0	5	1	0	10	3	5	5
	21	1012.1	-	11.3	1.0	11.7	87	4.9	1	5	10	8	6	0	0	0	0	0	0	0	2	8	11	9	0	0	9	18	3	3	3	1	2	6	3	6	3	
Inverness Benbecula	3	1011.4	-	10.2	0.8	11.2	89	5.1	0	6	7	11	5	1	0	0	0	1	0	1	3	4	10	11	0	0	4	7	15	4	2	3	4	1	7	4	4	1
	9	1011.6	-2.0	12.8	1.7	11.9	80	5.8	1	3	6	15	5	0	0	0	0	1	0	0	3	8	7	11	0	0	3	15	12	0	0	0	4	1	6	8	6	5
	15	1012.0	-	14.1	2.3	12.0	75	5.1	0	6	9	11	4	0	0	0	0	0	0	0	3	6	7	14	0	0	2	21	7	0	2	1	0	2	4	10	6	5
	21	1011.9	-	11.5	1.3	11.5	84	4.7	0	8	7	13	2	0	0	0	0	0	0	1	3	6	5	15	0	0	3	9	17	1	2	2	2	5	5	6	2	
	1 SCOTLAND, E.																																					
Moray Kinloss	3	1012.9	-	9.5	0.7	10.9	90	5.4	0	6	5	9	9	1	0	0	1	1	1	4	4	4	5	10	0	1	5	19	5	0	0	1	2	8	12	1	1	
	9	1012.9	-0.8	13.4	2.0	12.1	79	6.5	0	2	3	19	6	0	0	0	0	1	1	1	5	3	4	15	0	1	8	20	1	5	5	3	0	1	4	9	2	
	15	1012.5	-	15.7	3.1	12.2	69	5.3	0	8	3	15	4	0	0	0	0	0	0	1	3	6	4	16	0	2	19	8	1	3	7	2	2	1	2	7	5	
	21	1013.1	-	12.2	1.4	12.0	84	5.7	0	4	6	15	5	0	0	0	0	0	2	3	5	7	13	0	0	10	18	2	1	2	4	2	1	8	7	3		
	3	1012.8	-	8.5	0.5	10.3	92	5.4	1	5	9	4	9	2	0	1	0	3	2	6	4	2	10	0	0	0	2	15	13	2	0	2	0	4	5	3	1	
Aberdeen Dyce	9	1012.7	-1.7	13.4	2.4	11.3	73	5.4	1	5	4	18	2	0	0	0	0	0	0	3	5	5	6	11	0	0	12	17	1	1	0	3	8	7	2	4	4	
	15	1012.3	-	15.5	3.4	11.6	66	5.5	0	3	10	17	0	0	0	0	0	0	0	1	5	4	8	12	0	0	17	13	0	2	0	7	6	8	0	5	2	
	21	1013.0	-	11.8	1.5	11.3	82	5.6	1	5	3	15	6	0	0	0	0	0	3	6	9	5	7	0	0	3	23	4	1	1	5	0	10	3	3	3		
	3	1013.2	-	10.0	0.7	11.2	91	5.9	0	5	8	10	2	0	1	1	0	0	1	9	5	13	0	0	0	0	5	24	1	2	0	2	3	10	4	8	0	
	9	1013.2	-	11.9	1.3	11.7	84	5.9	0	4	5	12	8	1	0	0	2	0	0	4	9	13	2	0	0	2	5	22	1	1	1	4	1	9	1	10	2	
Fraserburgh	15	1013.1	-	13.3	1.7	12.4	81	5.6	0	3	7	15	3	2	0	0	1	1	0	0	1	10	15	2	0	1	9	20	0	4	1	5	6	0	8	0		
	21	1013.7	-	11.7	1.1	11.9	87	5.7	1	5	3	12	8	1	0	1	1	0	0	1	5	7	13	2	0	0	10	18	2	1	0	3	11	0	6	4		
	3	1012.7	-	9.4	0.5	11.0	93	5.2	0	6	10	4	10	0	0	0	0	1	2	5	4	3	3	12	0	0	6	15	9	4	3	0	0	0	1	10	3	
	9	1012.9	-	11.9	1.2	12.0	86	5.9	0	3	8	11	6	2	0	0	1	2	0	4	4	5	12	0	0	4	22	4	0	4	5	3	8	3	0			
	15	1012.6	-	13.7	1.8	12.6	81	5.5	1	1	11	10	6	1	0	0	1	0	0	4	6	3	16	0	0	8	21	1	0	1	7	3	6	6	0			
Fife Leuchars	21	1012.9	-	11.3	0.9	11.9	89	5.3	0	5	8	9	7	1	0	0	1	0	0	1	6	4	5	13	0	0	7	16	7	0	6	1	0	2	5	9	0	
	3	1013.1	-	8.9	0.5	10.8	94	5.8	0	5	7	10	7	1	0	0	2	1	0	5	6	5	6	0	0	0	3	20	7	2	4	8	1	0	7	6		

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

JUNE,

1968

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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
																									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	1014.0	-	9.3	0.4	11.2	95.	5.9	0	5	4	11	10	0	0	1	1	0	4	2	9	8	3	2	0	0	0	5	22	3	5	3	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	0	0	0	0	0	

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

JUNE,

1968

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									
Number of Observations																																							
4 MIDLAND COUNTIES —cont.																																							
Finningley	3	1014.8	-	11.0	0.8	11.9	90	5.6	3	2	6	9	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
	9	1014.7	-1.2	15.5	2.5	13.1	74	5.3	2	6	5	9	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
	15	1014.3	-	19.0	4.6	12.9	59	5.1	2	3	10	14	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
Northampton Wittering	3	1015.2	-	14.4	2.0	12.9	78	4.3	4	7	6	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	1015.2	-1.3	11.0	0.6	12.2	92	6.2	1	3	4	8	13	1	0	1	0	0	2	1	6	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15	1014.6	-	18.3	3.7	13.8	66	5.7	0	3	8	13	6	0	0	0	0	0	0	0	4	7	10	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Warwick Edgbaston	3	1015.6	-	13.8	1.5	13.2	83	4.9	3	5	5	8	9	0	0	0	0	0	0	0	1	12	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	1015.6	-1.1	14.0	2.0	12.6	79	5.9	3	1	4	13	9	0	0	0	0	0	0	3	0	8	8	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	15	1015.2	-	17.5	3.9	12.7	64	5.9	0	1	11	11	7	0	0	0	0	0	0	0	2	5	3	11	9	0	0	0	6	24	0	5	3	2	0	0	0	0	0
Elmdon	3	1015.8	-	15.1	2.5	12.8	74	5.2	1	5	8	12	4	0	0	0	0	0	0	0	6	7	8	6	3	0	0	0	1	28	1	5	4	1	0	9	4	4	2
	9	1015.2	-	11.1	0.8	11.9	89	6.3	0	3	5	9	13	0	0	0	0	0	0	1	8	11	8	2	0	0	0	0	5	20	5	5	1	2	1	4	7	1	4
	15	1015.1	-	14.7	2.2	12.8	77	6.0	3	2	2	13	10	0	0	0	0	0	0	1	3	10	12	4	0	0	0	0	11	17	2	5	5	1	2	1	8	4	2
Oxford Brize Norton	3	1014.6	-	17.9	4.1	12.7	62	5.7	0	2	8	13	7	0	0	0	0	0	0	0	3	6	15	6	3	0	1	13	16	0	4	6	0	0	4	9	4	3	
	9	1015.4	-	14.8	2.3	12.5	76	5.4	0	6	7	11	6	0	0	0	0	0	0	1	3	13	8	5	0	0	0	4	25	1	3	5	2	0	7	5	5	2	
	15	1015.5	-	11.8	0.6	12.9	92	5.8	2	3	7	5	13	0	0	0	0	0	0	2	7	11	8	2	0	0	0	0	21	7	3	3	2	0	3	10	2	0	
Shropshire Shawbury	3	1015.0	-	18.8	4.2	13.5	62	5.8	0	1	13	10	6	0	0	0	0	0	0	0	0	5	14	8	3	0	0	0	8	19	3	3	5	1	0	4	3	11	0
	9	1015.9	-	15.1	1.9	13.8	80	5.0	1	6	9	6	8	0	0	0	0	0	0	0	5	11	8	5	1	0	0	0	4	23	3	3	5	1	0	3	9	5	1
	15	1015.0	-	10.9	0.7	12.1	92	5.7	0	8	3	8	11	0	0	0	0	0	0	2	5	8	3	9	3	0	0	2	19	9	1	0	3	2	4	6	3	2	
Hereford Ross-on-Wye	3	1015.0	-	14.8	2.2	12.9	77	5.3	2	5	3	16	4	0	0	0	0	0	0	2	7	5	7	9	0	0	0	6	23	1	5	3	2	4	5	5	2	0	
	9	1014.8	-	17.9	3.7	13.4	65	5.6	0	5	6	12	7	0	0	0	0	0	0	0	7	4	6	13	0	0	0	14	13	3	3	5	2	4	2	8	0	0	
	15	1015.4	-	13.9	1.7	13.0	81	5.8	1	4	3	16	6	0	0	0	0	0	0	0	1	7	5	10	7	0	0	5	23	2	9	3	1	1	4	6	4	0	
Gloucester Filton	3	1015.2	-1.6	15.3	2.4	13.0	75	5.4	2	4	6	8	10	0	0	0	0	0	0	0	2	10	1	14	3	0	0	0	6	23	1	2	4	3	0	5	7	6	2
	9	1014.7	-	18.7	4.2	13.3	62	5.5	0	5	7	10	8	0	0	0	0	0	0	0	0	9	6	14	1	0	0	10	20	0	4	2	4	0	2	9	7	2	
	15	1015.5	-	15.2	2.1	13.5	78	5.4	0	7	3	14	6	0	0	0	0	0	0	0	1	8	6	11	4	0	0	4	23	3	1	4	2	1	3	14	1	1	
Gloucester	3	1015.2	-	12.6	0.9	13.1	89	5.9	0	3	7	11	9	0	0	0	0	0	0	0	3	10	12	5	0	0	0	7	18	5	2	4	1	1	4	7	5	1	
	9	1015.5	-1.5	15.0	1.8	13.8	80	5.7	1	2	8	11	8	0	0	0	0	0	0	1	2	7	17	3	0	0	0	11	19	0	3	6	1	1	1	11	5	2	
	15	1015.1	-	18.4	3.7	13.9	66	5.0	0	5	11	11	3	0	0	0	0	0	0	0	1	5	5	10	9	0	0	2	13	15	0	4	4	1	2	1	4	14	0
Little Rissington	3	1015.7	-	15.1	2.0	13.7	80	5.4	1	7	3	10	9	0	0	0	0	0	0	0	1	10	13	6	0	0	0	8	21	1	2	5	0	1	4	5	12	0	
	9	1015.4	-	12.7	0.9	13.2	85	6.1	1	3	2	14	10	0	0	0	0	0	0	0	3	7	12	5	2	0	0	5	15	10	2	1	0	2	9	4	2	0	
	15	1015.6	-	15.8	2.3	13.6	76	6.0	3	1	3	15	8	0	0	0	0	0	0	0	0	11	10	4	5	0	0	11	16	3	6	2	0	0	8	7	2	2	
5 ENGLAND, S.E.	3	1015.2	-	19.4	4.1	14.3	64	6.0	0	3	5	13	9	0	0	0	0	0	0	0	7	7	9	7	0	0	0	9	21	0	3	5	0	1	5	11	4	1	
	9	1015.8	-	16.2	2.3	14.2	77	5.4	0	5	8	13	4	0	0	0	0	0	0	0	1	10	6	7	6	0	0	5	20	5	2	5	0	2	6	10	0	0	
	15	1015.3	-	11.1	0.6	12.3	93	5.5	2	5	4	7	11	1	0	0	0	0	0	0	0	12	7	4	0	0	0	1	20	2	5	5	2	0	3	11	1	1	
Greater London Heathrow	3	1015.2	-1.6	14.0	1.7	12.9	80	5.7	2	3	5	12	8	0	0	0	0	0	0	0	2	7	8	6	7	0	0	13	17	0	1	6	3	1	2	9	7	1	
	9	1014.7	-	17.3	3.3	13.4	69	5.5	0	4	7	13	6	0	0	0	0	0	0	0	0	3	7	10	9	0	0	2	10	18	0	2	8	1	1	2	9	0	
	15	1015.7	-	13.9	1.4	13.5	85	5.0	2	5	8	7	8	0	0	0	0	0	0	0	1	6	13	4	0	0	0	6	23	1	4	6	1	0	4	9	5	0	
Kew	3	1015.6	-	12.4	1.1	12.6	87	5.7	3	3	4	7	13	0	0	0	0	0	0	1	2	11	13	2	1	0	0	5	25	0	6	1	2	1	4	13	2	1	
	9	1015.7	-	16.0	2.7	13.2	73	5.6	2	2	8	7	11	0	0	0	0	0	0	0	3	10	7	8	2	0	0	13	17	0	6	4	1	1	3	11	2	2	
	15	1015.0	-	19.2	4.7	12.8	59	6.2	1	1	5	18	5	0	0	0	0	0	0	0	1	2	16	7	4	0	0	2	15	13	0	4	5	1	1	5	10	4	0
Surrey Gatwick	3	1015.8	-	15.9	2.7	13.2	73	5.2	1	7	4	9	9	0	0	0	0	0	0	0	0	10	13	5	2	0	0	8	22	0	3	4	4	1	5	8	5	0	
	9	1015.8	-1.2	16.2	2.6	13.7	74	5.3	2	5	5	8	10	0	0	0	0	0	0	0	4	9	5	9	3	0	0	6	23	1	2	5	2	1	2	12	3	2	
	15	1015.1	-	19.3	4.3	13.8	62	6.2	1	1	5	17	6	0	0	0	0	0	0	0	1	6	5	15	3	0	0	7	22	1	1	4	5	1	5	8	5	0	
Kent Dungeness	3	1016.1	-	16.0	2.5	13.5	74	4.6	2	8	5	8	7	0	0	0	0	0	0	0	0	12	10	4</															

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

JUNE,

1968

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	4, 7	4, 5	1-3	Calms									
																										34 or more	22-33	11-21	1-10	0									
Number of Observations																																							
7a ENGLAND, N.W.																																							
Cumberland Carlisle	28m.	3	1014.0	-	10.6	0.7	11.7	91	5.4	0	7	5	11	7	0	0	0	0	0	1	5	6	9	7	2	0	0	5	12	13	0	1	9	0	2	4	0	0	
		9	1014.1	-	14.8	2.4	12.5	74	5.1	1	5	8	10	6	0	0	0	0	0	3	3	10	9	5	0	0	0	11	15	4	1	2	7	4	0	6	6	0	
		15	1013.9	-	17.5	3.8	13.0	65	5.3	0	6	6	12	6	0	0	0	0	0	0	6	8	7	9	0	0	0	13	16	1	1	0	7	1	0	7	12	1	
		21	1014.5	-	13.4	1.7	12.6	82	4.7	0	9	6	13	2	0	0	0	0	0	3	6	9	6	6	0	0	0	4	19	7	1	2	5	0	1	10	4	0	
		3	1014.0	-	7.1	0.6	9.3	92	5.2	8	0	4	2	4	12	4	8	0	0	0	0	3	7	7	1	0	0	2	14	11	3	0	3	2	2	6	10	4	0
Westmorland Great Dun Fell	—	9	1014.6	-	8.9	1.1	9.9	87	5.9	2	3	5	7	5	8	2	6	0	0	0	0	1	6	11	4	0	0	3	14	10	3	1	5	3	3	2	10	3	0
		15	1014.5	-	11.1	2.1	10.0	76	5.8	3	1	5	12	6	3	0	3	0	0	0	0	3	6	10	8	0	0	6	13	10	1	1	2	5	1	3	12	3	2
		21	1014.9	-	8.0	0.7	9.8	91	5.3	7	1	3	5	5	9	0	9	0	0	0	0	2	10	6	3	0	0	1	15	11	3	0	3	5	1	4	11	2	1
		3	1014.5	-	11.7	1.0	12.2	88	4.8	1	9	3	13	4	0	0	0	0	0	0	2	14	6	7	1	0	0	5	20	5	0	2	5	2	7	2	5	2	
		9	1014.5	-	15.2	2.3	13.1	76	5.4	1	5	5	14	5	0	0	0	0	0	0	4	7	9	5	5	0	0	10	17	3	2	1	4	4	2	8	2	2	
Lancashire Speke	26m.	15	1014.5	-	18.1	3.7	13.7	66	5.0	1	5	9	12	3	0	0	0	0	0	0	2	9	5	4	10	0	0	11	18	1	1	1	2	4	2	1	11	7	7
		21	1014.9	-	14.4	2.0	13.0	79	5.4	1	4	6	14	5	0	0	0	0	0	4	8	8	10	0	0	0	4	25	1	1	4	1	3	3	4	4	7		
		3	1014.9	-	11.6	1.2	11.8	86	5.5	1	5	4	14	6	0	0	0	0	0	2	3	13	11	1	0	0	0	4	21	5	2	4	1	5	7	4	2	0	
		9	1014.5	-1.3	14.7	2.7	12.0	72	6.0	2	2	3	17	6	0	0	0	0	0	1	3	10	12	4	0	0	0	11	19	0	5	1	3	1	7	5	6	2	
		15	1014.3	-	18.1	4.7	11.8	57	5.5	0	8	2	12	8	0	0	0	0	0	0	8	10	12	0	0	0	1	11	16	2	0	3	2	2	4	3	12	2	
Cheshire Ringway	76m.	21	1015.1	-	14.8	2.5	12.5	74	5.3	0	5	7	15	3	0	0	0	0	0	0	1	14	13	2	0	0	0	7	23	0	0	3	4	1	8	6	2	6	
7b NORTH WALES																																							
Anglesey Valley	11m.	3	1014.2	-	11.6	0.8	12.3	90	5.6	2	5	4	8	9	2	0	1	0	1	0	4	5	6	7	6	0	2	8	13	7	3	4	1	1	4	5	5	0	
		9	1014.6	-1.3	14.5	1.9	13.1	80	5.2	0	9	5	7	9	0	0	0	0	0	1	0	8	9	3	9	0	1	13	16	0	4	4	3	0	5	11	2	1	
		15	1014.8	-	16.3	2.9	13.1	71	4.6	2	7	8	9	4	0	0	0	0	0	0	1	4	6	8	13	0	3	17	10	0	6	2	1	0	4	12	2	3	
		21	1014.9	-	13.1	1.2	13.0	86	5.3	3	4	4	13	6	0	0	0	0	0	0	1	7	9	7	6	0	2	10	18	0	6	4	1	0	11	5	2	1	
		3	1014.1	-	11.7	0.5	13.0	94	5.9	0	4	4	16	3	3	0	0	3	0	0	0	8	6	12	1	0	1	10	15	4	4	2	4	2	2	7	5	0	
Caernarvon Bardsey Island	19m.	9	1014.6	-	12.9	0.8	13.5	91	5.9	1	3	6	7	11	2	1	1	0	0	0	0	7	5	12	4	0	1	9	14	6	5	0	2	3	3	4	5	2	
		15	1015.0	-	13.9	1.0	14.1	88	4.9	1	3	13	7	5	1	0	1	0	0	0	0	7	4	10	8	0	1	11	15	3	9	0	1	0	4	10	1	2	
		21	1014.9	-	12.5	0.7	13.3	92	5.4	3	2	8	10	7	0	0	0	0	0	0	0	9	5	9	7	0	0	13	13	4	8	1	0	0	3	7	5	2	
8a SOUTH WALES																																							
Cardigan Aberporth	134m.	3	1014.6	-	11.5	0.8	12.3	90	4.5	3	8	8	10	6	0	0	0	1	1	3	10	4	7	4	0	2	7	19	2	2	1	2	1	9	9	4	0		
		9	1015.0	-1.2	13.5	1.6	12.8	83	5.4	0	7	6	7	7	3	0	3	0	1	0	3	7	5	7	4	0	1	9	20	0	2	5	0	0	4	5	13	1	
		15	1015.2	-	14.9	2.2	12.9	76	5.0	2	5	6	11	5	1	0	1	0	1	0	0	4	8	5	11	0	0	10	20	0	3	1	3	0	4	3	12	4	
		21	1015.4	-	12.4	1.2	12.5	87	5.3	0	8	4	9	8	1	0	1	0	0	1	1	8	6	9	4	0	1	12	11	6	0	3	0	1	6	5	8	1	
		3	1015.0	-	12.3	0.5	13.5	94	5.5	4	3	4	7	10	2	0	0	2	0	0	3	10	6	9	0	0	1	9	15	5	5	2	0	1	2	8	1	2	
Pembroke Milford Haven C.B.	39m.	9	1015.4	-	14.5	1.3	14.1	86	5.0	3	4	7	7	8	1	0	0	1	0	1	0	13	10	5	0	0	1	9	15	5	5	2	0	1	2	8	1	2	
		15	1015.7	-	16.3	2.2	14.5	79	4.8	3	4	8	9	6	0	0	0	0	0	0	0	13	9	8	0	0	1	9	15	5	2	6	1	1	8	3	2		
		21	1015.7	-	13.3	0.9	13.8	90	4.8	5	4	5	9	7	0	0	0	0	2	1	1	10	12	4	0	0	1	8	17	4	10	0	0	2	3	5	1	1	
		3	1014.7	-	13.2	1.1	13.3	88	5.2	2	7	4	5	12	0	0	0	0	0	2	6	10	11	1	1	6	9	14	0	4	4	4	1	0	9	7	1		
		9	1015.2	-	14.3	1.6	13.5	83	5.5	3	3	5	9	9	1	0	0	1	0	1	4	12	6	5	1	0	4	12	13	1	2	2	2	1	12	8	0		
Glamorgan Mumbles	37m.	15	1015.3	-	15.4	2.0	13.9	80	5.0	0	8	7	7	7	1	0	0	0	1	0	1	12	7	7	2	0	5	17	8	0	0	2	1	3	9	12	2		
		21	1015.5	-	14.4	1.6	13.7	84	5.4	1	4	7	9	9	0	0	0	0	0	1	17	7	2	3	0	5	12	11	2	3	4	0	0	1	8	6	6		
		3	1015.2	-	12.4	0.9	13.0	90	5.8	1	3	6	10	9	1	0	1	0	0	1	11	9	4	3	0	0	9	19	2	0	6	3	2	1	5	9	2		
		9	1015.6	-1.5	14.6	1.7	13.6	82	6.0	1	3	4	12	10	0	0	0	0	1	5	7	5	8	4	0	0	15	13	2	0	2	6	0	0	8	12	0		
		15	1015.4	-	17.0	2.9	13.9	72	4.7	1	7	9	7	6	0	0	0	0	0	0	1	8	8	3	10	0	1	14	15	0	0	1	3	2	3	18	0		
Rhoose	69m.	21	1015.9	-	13.8	1.4	13.3	85	5.0	0	8	5	10	7	0	0	0	0	0	1	4	5	7	10	3	0	0	10	18	2	0	3	1	2	2	4	12	4	
8b ENGLAND, S.W.																																							
Somerset Yeovilton	23m.	3	1015.9	-	11.7	0.8	12.5	90	5.0	4	4	6	10	0	0	1	0	2	2	6	12	6	1	0	0	0	5	11	14	1	0	0	2	5	4	3	1		
		9	1016.1	-	15.3	2.2	13.5	77	6.3	1	3	1	16	9	0	0	0	0	2	3	13	11	1	0	0	2	10	15	3	2	4	1	1	4	7	6	2		
		15	1015.7	-	15.4	0.5	13.9	65	5.7	1	1	11	11	6	0	0																							

TABLE VIII—NUMBER OF DAYS IN JUNE, 1968
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	-16-0 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	-16-0 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-	
Lerwick	0	0	1	29	0	0	0	0	0	0	0	0	0	28	2	0	Edgbaston	0	0	0	3	18	8	1	0	0	0	0	0	0	0	11	19	0
Stornoway	0	0	0	15	12	3	0	0	0	0	0	0	6	18	6	0	Kew	0	0	0	0	15	14	1	0	0	0	0	0	0	0	5	25	0
Craibstone	0	0	0	8	20	2	0	0	0	0	0	0	2	26	2	0	Hastings	0	0	0	3	23	4	0	0	0	0	0	0	0	0	5	25	0
Rothsay	0	0	0	10	15	4	1	0	0	0	0	0	0	18	12	0	Southampton	0	0	0	0	14	16	0	0	0	0	0	0	0	0	5	25	0
Abbotsinch	0	0	0	3	18	9	0	0	0	0	0	0	4	16	10	0	Stonyhurst	0	0	0	4	16	8	2	0	0	0	0	0	0	0	18	2	0
Eskdalemuir	0	0	0	10	14	6	0	0	0	0	0	0	7	19	4	0	Bidston	0	0	0	8	15	6	1	0	0	0	0	0	0	10	20	0	
Douglas	0	0	0	10	15	5	0	0	0	0	0	0	0	17	13	0	Valley	0	0	0	3	19	8	0	0	0	0	0	0	0	5	25	0	
Acklington	0	0	0	6	22	2	0	0	0	0	0	0	2	21	7	0	Falmouth	0	0	0	4	23	3	0	0	0	0	0	0	0	12	18	0	
Gorleston	0	0	0	7	21	2	0	0	0	0	0	0	0	8	22	0	Aldergrove	0	0	0	3	16	11	0	0	0	0	0	0	0	3	18	9	0
Cambridge	0	0	0	0	17	12	1	0	0	0	0	0	1	9	20	0	Armagh	0	0	0	3	16	10	1	0	0	0	0	0	0	1	21	8	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JUNE, 1968

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	784	2	119	21	479.5	30	428	15	120	21	285.3	30	832	17	143	21	525.9	30
Eskdalemuir	838	11	239	22	502.6	28	381	19	105	11	283.9	28	1023	10	251	22	522.9	28
Cambridge																		
London/ W Centre																		
Kew																		
Bracknell																		
Aberporth	833	6	175	2	539.2	29	415	18	115	10	278.3	29	-	-	-	-	-	-
Aldergrove																		

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				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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by KeySwift Ltd., Edgware. Dd.137769 K.12 11/68 Gp.1708 SBN 11 40001588

Monthly Weather Report OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 7

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



July 1968 — Dull and wet in the south, dry in the north.

Weather was mainly cyclonic in character until the 17th after which it was generally anticyclonic.

On the 1st the British Isles lay between a depression over Iceland and another over the Bay of Biscay. During the early hours rain brought down a fine multi-coloured dust over an area extending from Devon to Essex and northward to Derbyshire. The dust varied in colour from almost white to dark red and was probably borne northwards by high-level winds from Spain or North Africa. The afternoon of the 1st was hot in south-east England with temperature at many places exceeding 30°C. In the south-west, on the other hand, frequent thunderstorms were accompanied by torrential rain, and the thunderstorms spread northwards to most other districts on the 2nd and 3rd, as the depression over Biscay deepened and moved to the north of Scotland. At Leeming 35.7 mm of rain were recorded in 8½ min. Flooding was widespread over the West Country and Midlands as many rivers overflowed their banks. Devon was very badly hit; every town and village in the county was flooded and damage to crops and property in south-east Devon amounted to a major disaster. At Slapton, Devon and also in South Wales hailstones up to 7 cm in diameter added to the havoc.

From the 4th to the 6th weather was sunny and dry as a ridge of high pressure spread over the country, but on the 7th a small depression moved from Cornwall to the Midlands, and rain, heavy at times, accompanying this depression was still falling over much of eastern England throughout the 8th. The 9th was a fine day, but a deepening depression moved across southern England on the 10th accompanied by frequent thunderstorms and exceptionally heavy rain. The resulting floods were reported from areas as far apart as Exeter, Birmingham and Peterborough; seven people are known to have been killed by the floods and hundreds of bridges were washed away. The occasion was remarkable for the large area covered by heavy rain. Among the "very rare" falls recorded during these storms was one of 175 mm at Chaw Stoke, Somerset, and there were several falls of more than 125 mm in the Bristol, Bath and Gloucester areas. The rain cleared East Anglia on the 11th. Fronts associated with another deepening depression approaching south-west Ireland gave occasional rain or showers on the 12th and 13th, and thunderstorms which accompanied the passage of the depression across southern England led to local flooding in the Midlands and East Anglia. Northerly winds behind the depression brought cooler weather with occasional rain or showers to all areas on the 15th and 16th.

By the 17th the British Isles was under the influence of an anticyclone which remained near or over the country until the end of the month. The 18th and 19th were fine with temperatures increasing to about average, but troughs moving round the anticyclone gave some rain in Scotland on the 20th and 21st, and thundery rain spread to many other districts on the 22nd and 23rd. This rain was followed by a spell of dry cool weather with east to north-east winds, but on the 31st thunderstorms associated with a depression over northern France moved into southern England. Heavy rain led to flooding in Essex.

Pressure and Wind — Mean pressure was above the 1931-60 average everywhere, the excess at 0900 GMT ranging from 10.3 mb at Kirkwall and Stornoway to 3.4 mb at Eastbourne. Surface winds were very variable in direction though frequently from a northerly or easterly point. They were mostly light but reached gale force at times in the west and north on the 2nd and 3rd, and in eastern districts on the 10th and 11th.

Temperature — Mean monthly temperatures were well below the 1931-60 average particularly in north-east coastal areas.

Extremes included: (England and Wales) 33.3°C at Camden Square on the 1st, -0.6°C at Alwen on the 6th and at Moor House on the 25th; (Scotland) 24.4°C at Glen Etive on the 28th -1.1°C at Fyvie Castle on the 19th; (Northern Ireland) 23.5°C at Somerset Forest on the 20th and at Carrigans on the 27th, 0.7°C at Loughermore Forest on the 5th.

Rainfall — Amounts were very variable. In Scotland rainfall was above average in all eastern districts and also in Ayr, Lanark and Wester Ross, but was below average elsewhere. Parts of East Lothian and Berwick had 200 per cent of their average but many western districts had only 50 per cent. In Northern Ireland July was a dry month with rainfall only 50 per cent of average in the east and less than 25 per cent of average in the west. In England and Wales rainfall was mostly above average, but below in north west England, over much of South Wales and in parts of central and southern England. Some of the heaviest falls occurred along a wide corridor running through the counties of Devon, Somerset and Gloucester to Northampton and thence northwards to the Humber. Many places in this general area had more than 250 per cent of their average rainfall. Most of the rain fell during the first half of the month in thunderstorms which were exceptionally violent on the 1st/2nd and 10th/11th.

Thunder was heard almost daily in England and Wales on the 1st—16th and on the 31st. Thunderstorms were widespread in Scotland on the 1st—3rd.

Sunshine — Over most of Britain sunshine was below average, but it was above average in the extreme north and west of Scotland, in west Wales and in south-west England and also in Northern Ireland. Percentages of average sunshine ranged, in Scotland from 146 at Duntulm to 51 at Perth and in England and Wales from 135 at Scilly to 42 at Sheffield. It was the dullest July at St. Andrews since records began in 1913.

Fog — Fog at 0900 GMT was reported from one place or another in Scotland on 10 days and in England and Wales on 18 days.

Miscellaneous Phenomena — The aurora was visible in Scotland on 2 nights.

TABLE I—DISTRICT VALUES, JULY, 1968

DISTRICTS	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				
0 SCOTLAND, N.	22.7	3.4	-0.8	-1.0	-0.9	+0.1	-1.0	-6	77	98
1 SCOTLAND, E.	21.7	4.4	-2.6	-0.6	-1.6	-0.8	-0.4	+0	133	73
2 ENGLAND, N.E.	29.0	3.5	-2.9	-1.1	-2.0	-0.5	-0.1	-1	147	63
3 ENGLAND, E.	31.1	5.6	-2.0	-0.9	-1.5	-0.6	-0.3	+2	132	71
4 MIDLANDS	33.1	5.6	-2.0	-0.8	-1.4	-0.2	+0.1	-1	203	69
5 ENGLAND, S.E.	32.2	5.0	-1.2	-0.7	-0.9	-0.8	-0.7	-2	94	82
6 SCOTLAND, W.	21.8	2.6	-0.9	-0.8	-0.9	-0.7	-0.5	-7	64	92
7 ENGLAND, N.W. and N. Wales	22.8	3.9	-0.9	-0.8	-0.9	-0.5	-0.1	-4	112	90
8 ENGLAND, S.W. and S. Wales	28.3	3.4	-0.8	-0.7	-0.8	-0.8	-0.3	-4	155	115
N. IRELAND	22.8	2.2	-0.4	-2.1	-1.2	-	-	-11	41	119
SCOTLAND	22.7	4.4	-1.5	-0.8	-1.1	-	-	-4	100	88
ENG. and WALES	33.1	5.6	-1.6	-0.8	-1.3	-	-	-2	133	81

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

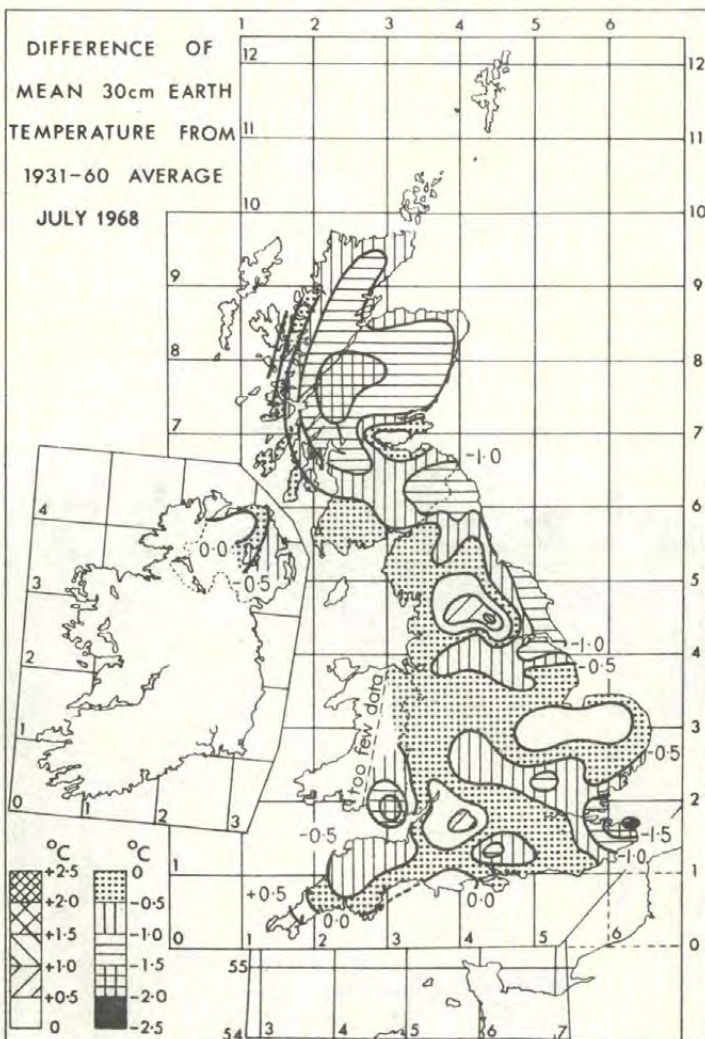
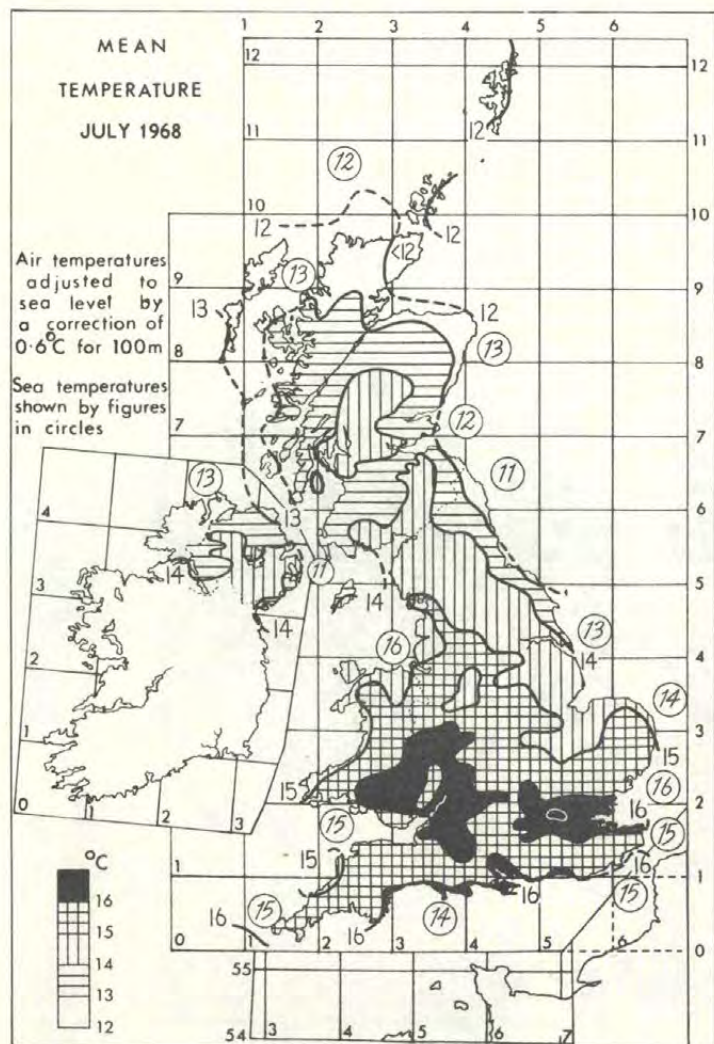
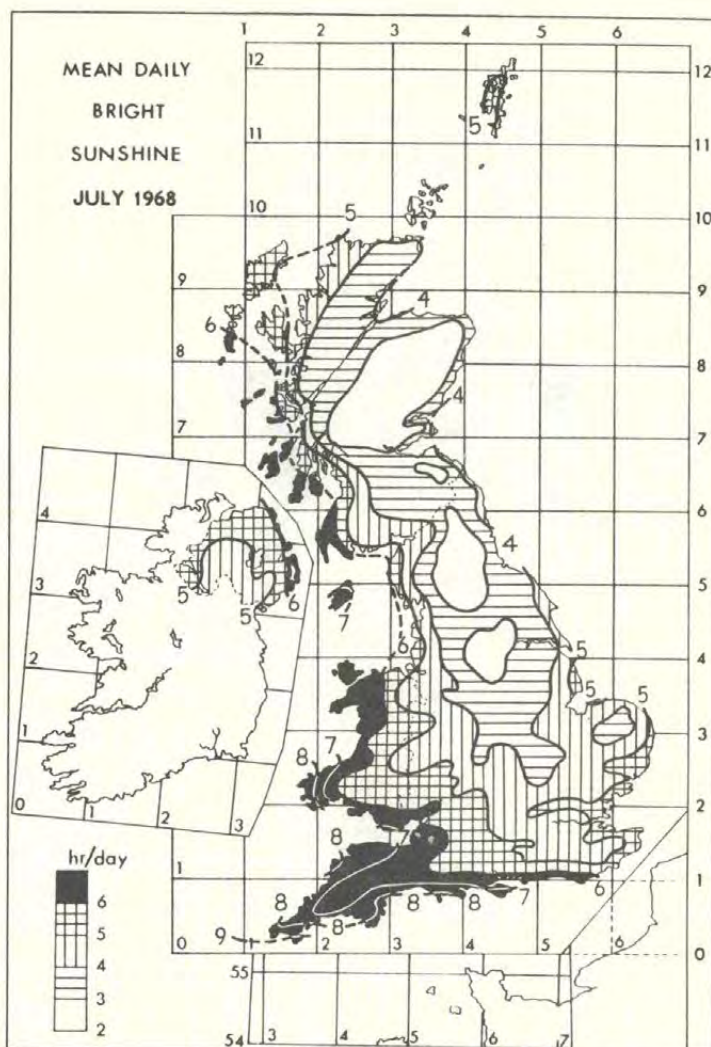
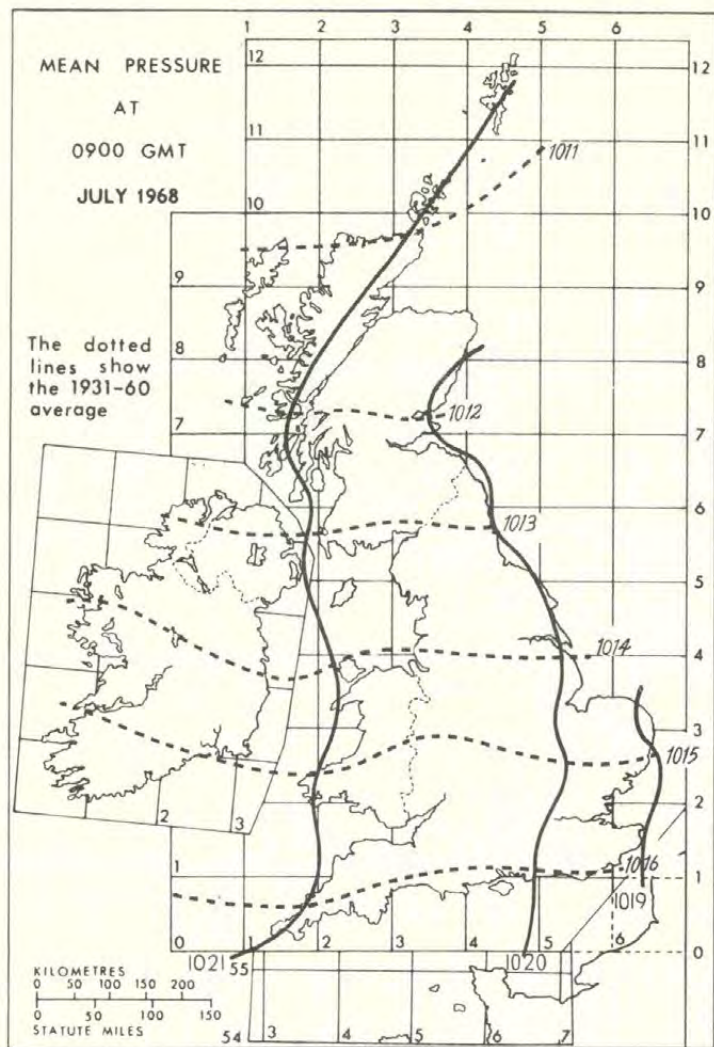
Meteorological Office: Dr. B. J. Mason, F.R.S. Director-General.

FH3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND—

JULY, 1968

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 23 knots		11 to 21 knots		4 to 10 knots		Less than 4 knots		Mean Hourly Wind Speed in 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		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	3	32	237	377	98	0	9.3	0.20	28	3	01	0.20	39	3	0035
	Orkney	Kirkwall	41	15	10	-	0	3	17	203	415	109	0	8.6	0.10	30	3	05	0.10	42	3	0430
	Caithness	Dounreay	34	12	9	-	0	0	0	182	489	70	3	8.5	0.10	18	3	04	0.10	29	3	0305
		Wick	45	10	10	-	0	1	2	256	374	112	0	8.7	0.40	24	3	04	0.40	35	3	0325
	Sutherland	Shin	24	10	10	-	0	1	2	76	417	249	0	5.4	0.20	25	3	17	0.20	39	3	1640
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	-	0	2	10	96	234	404	0	4.8	0.20	27	3	17	0.20	42	3	1245
		Duirinish	38	20	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Inverness	Benbecula	16	10	10	-	0	4	32	271	357	84	0	10.0	0.20	33	3	15	0.20	45	3	1420
		Corpach	23	15	12	-	0	1	4	167	300	264	9	6.5	0.20	23	3	20	0.20	39	3	1915
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	48	346	311	39	4.6	0.20	19	4	13	0.20	33	4	1150
		Dalcross	21	10	10	-	0	1	5	117	329	293	0	5.8	0.20	25	3	18	0.20	39	3	1715
		Cairngorm	1074	9	9	3, 4	17	3	20	169	369	167	2	8.4	0.20	41	3	19	0.20	71	4	0315
1	Moray	Kinloss	17	13	13	-	0	2	3	199	408	114	0	8.6	0.20	29	3	22	0.20	46	3	2135
		Lossiemouth	31	24	18	-	0	2	24	153	425	142	0	7.9	0.20	28	4	11	0.20	44	4	1045
	Aberdeen	Dyce	71	9	9	-	0	1	6	219	296	223	0	7.8	0.30	25	2	13	0.30	37	2	1235
	Angus	Bell Rock	39	40	38	2	1	9	87	161	248	247	0	9.1	0.30	34	2	20	0.40	46	2	1925
	Perth	Rannoch	307	17	17	-	0	3	24	282	245	192	1	8.6	0.20	28	3	16	0.30	39	2	2125
		Tummel Bridge	161	16	16	-	0	0	0	28	425	291	0	4.2	0.20	16	3	16	0.20	35	3	1530
	Fife	Leuchars	24	12	12	-	0	2	15	169	445	115	0	7.7	0.20	26	3	16	0.20	43	3	1550
	West Lothian	Forth Road Bridge	72	9	72	-	0	2	24	232	352	125	11	8.9	0.20	33	3	14	0.20	46	3	1430
	Midlothian	Turnhouse	42	12	10	-	0	2	10	108	497	129	0	6.8	0.20	26	3	15	0.20	43	3	1405
6a	Argyll	Tiree	27	18	14	-	0	4	39	185	306	214	0	8.1	0.10	27	3	11	0.20	44	3	1025
	Dunbarton	Cumbernauld	166	10	10	-	0	2	12	186	476	58	12	8.7	0.20	27	3	15	0.20	41	3	1440
	Renfrew	Paisley	57	25	9	-	0	0	0	22	276	446	0	3.4	0.20	14	3	12	0.20	34	3	1120
		Abbotsinch	16	10	10	-	0	0	0	129	497	118	0	7.1	0.20	21	3	15	0.20	33	3	1600
	Lanark	Lowther Hill	736	13	10	-	0	7	62	164	275	168	75	9.0	0.20	32	3	15	0.20	47	3	1420
	Ayr	Hunterston	13	9	9	-	0	1	4	167	319	254	0	7.3	0.20	24	3	12	0.20	30	3	1245
		Prestwick	21	10	10	-	0	0	0	125	404	215	0	6.6	0.20	20	3	14	0.20	33	3	1040
	Dumfries	Chapelcross	94	15	15	-	0	2	4	99	366	275	0	6.1	0.50	24	2	19	0.50	40	2	1930
		Exdalemuir	259	10	10	-	0	2	13	135	414	182	0	7.2	0.10	26	3	05	0.20	40	2	2005
	Wigtown	West Freugh	25	10	10	-	0	3	29	155	406	154	0	8.0	0.20	33	3	03	0.20	51	3	0310
6b	Isle of Man	Ronaldsway	25	10	10	-	0	3	27	239	361	107	0	9.7	0.20	38	3	04	0.20	52	3	0505
		Point of Ayre	20	10	10	2, 3	10	4	27	239	361	107	0	9.7	0.20	38	3	04	0.20	52	3	0505
2	Durham	Durham	119	16	10	-	0	1	3	121	141	479	0	3.9	0.20	26	3	09	0.20	51	3	0755
		South Shields	21	17	13	-	0	4	16	144	326	258	0	6.6	0.20	25	2	19	0.20	40	3	0900
	Yorks, N.R.	Leeming	42	10	10	-	0	1	6	133	337	268	0	6.3	0.20	26	3	10	0.20	45	3	1010
		Middlesbrough	23	19	19	3, 17	3	7	62	236	272	152	19	10.3	0.20	35	3	12	0.20	57	3	0825
		Silpho Moor	207	15	9	-	0	2	6	182	349	207	0	7.5	0.20	24	3	10	0.20	41	3	0855
	Yorks, E.R.	Leconfield	18	10	10	-	0	0	0	72	343	329	0	4.8	0.20	21	3	12	0.20	35	11	0130
	Lincoln	Cranwell	76	12	12	-	0	0	0	72	343	329	0	4.8	0.20	21	3	12	0.20	35	11	0130
		Binbrook	118	10	10	-	0	2	13	179	346	206	0	7.5	0.20	28	11	05	0.20	43	11	0405
		Manby	26	10	10	-	0	3	18	173	392	161	0	8.0	0.20	27	11	06	0.20	43	11	0530
3	Norfolk	Gorleston	16	13	13	11	2	4	18	374	286	62	2	10.8	0.20	40	11	11	0.20	67	11	1110
	Suffolk	Mildenhall	30	25	18	-	0	1	3	82	338	321	0	5.2	0.30	28	11	08	0.30	54	11	0745
	Bedford	Bedford	98	13	9	3	0	3	7	207	402	128	0	8.2	0.10	25	11	05	0.30	44	11	0700
		Cardington	69	41	41	-	0	0	0	44	405	295	0	5.1	0.20	20	11	07	0.20	32	2	1530
	Hertford	Garston	141	13	10	-	0	0	0	17	434	293	0	4.7	0.30	15	11	07	0.40	41	11	0700
		Rothamsted	107	9	9	-	0	1	6	114	430	194	0	6.4	0.30	28	11	08	0.40	45	11	0710
	Essex	Stansted	20	17	15	-	0	1	2	72	405	241	24	5.8	0.20	23	11	09	0.20	49	11	0715
		Coryton	36	32	28	11	2	4	23	405	279	35	0	11.7	0.20	35	11	08	0.20	59	11	0805
4	Yorks, W.R.	Sheffield	162	25	11	-	0	2	13	158	422	145	6	7.6	0.20	27	3	09	0.20	41	3	0755
		Church Fenton	18	10	10	-	0	0	0	49	417	278	0	4.7	0.20	17	15	12	0.20	29	15	1210
	Warwick	Edgbaston	196	36	22	-	0	0	0	160	494	90	0	7.6	0.20	21	15	13	0.20	37	15	1300
		Elmdon	105	9	9	-	0	1	2	83	502	108	49	7.0	0.20	24	2	17	0.20	43	2	1645
	Buckingham	Amersham	182	15	15	-	0	0	0	47	340	357	0	4.5	0.10	16	15	16	0.20	58	2	0815
	Stafford	Keele	215	15	10	-	0	0	0	132	387	225	0	6.5	0.20	21	3	09	0.20	31	2	1650
	Worcester	Pershore	47	10	10	-	0	1	1	227	477	39	0	8.9	0.20	22	11	09	0.20	38	11	1015
5	Greater London	London/W. Centre	35	10	10	-	0	1	3													



RAINFALL

JULY 1968

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

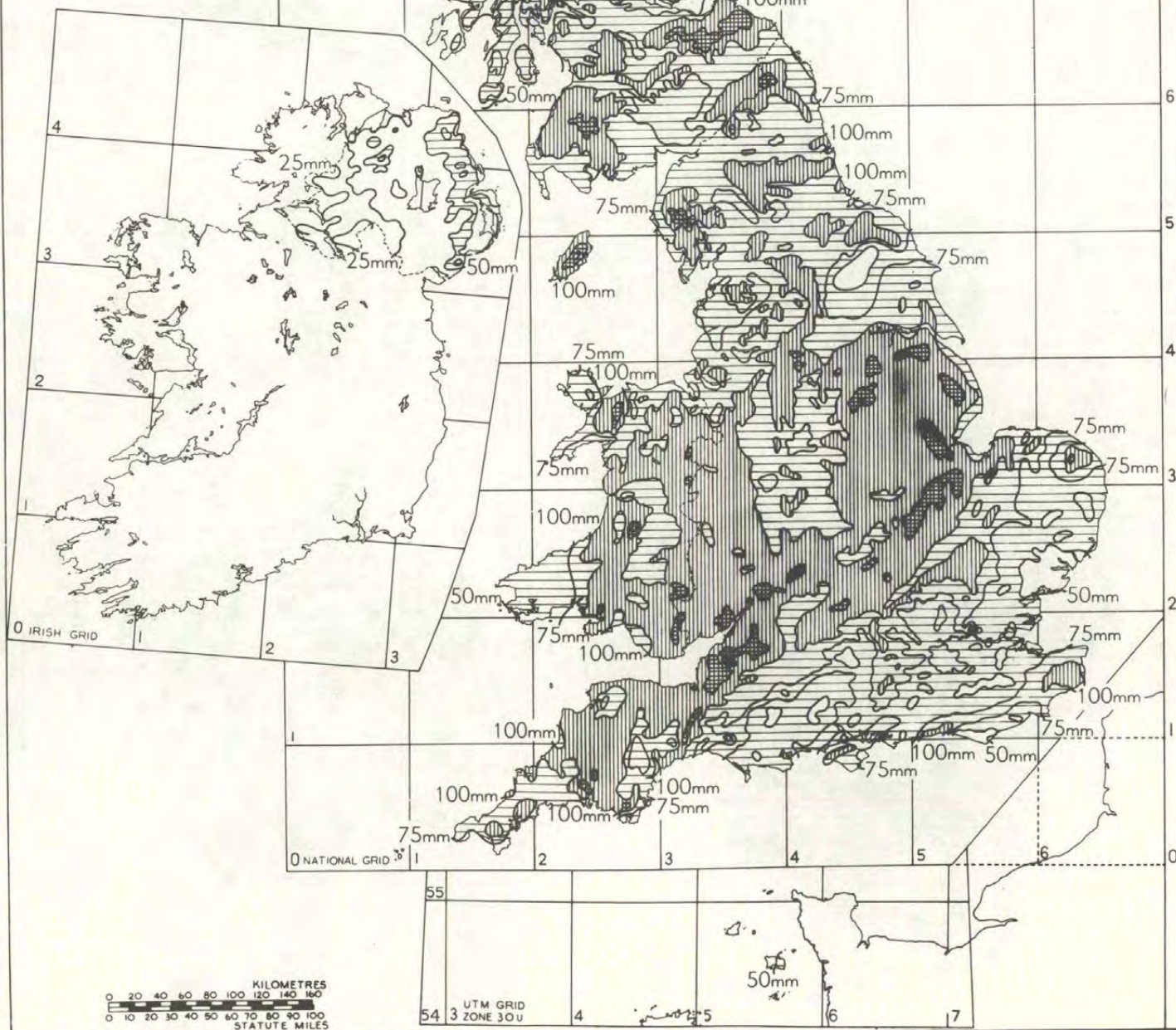
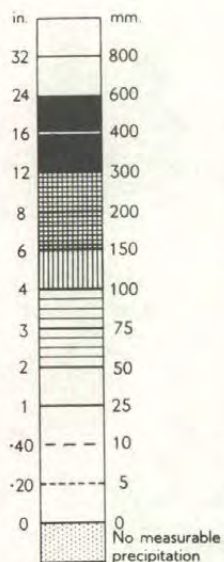


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

JULY,

1968

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		Daily Mean (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.)	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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																						
0 SCOTLAND, N.																																	
Zetland	Hamnavoe	99	21	14.3	9.6	11.9	-	17.8	1	6.1	11,12	-	-	40	-	30	2	9	3	0	0	0	0	2	0	0	-	0	5.05	-	-		
	Lerwick	21-9	82	13.8	8.8	11.3	-0.7	16.7	1	3.6	11	-	-	36	53	22	2	8	5	0	0	0	0	2	1	0	1	-	0	4.34	107	-	
Orkney	Ba'asound	99	24	14.7	8.9	11.8	-	18.3	1	3.9	11,14	11.1	-	37	55	19	2	12	8	0	0	0	0	2	0	0	-	0	4.67	-	-		
	Sule Skerry	21-9	13	14.2	9.9	12.1	-	17.7	30	7.8	11	-	-	36	-	11	20	10	8	0	0	0	0	0	2	0	0	-	0	-	-	-	
Caithness	Stenness	99	23	15.1	8.7	11.9	-	19.4	1	1.7	11	11.7	10.0	55	80	13	1	16	9	0	0	0	0	1	1	0	3	0	4.83	-	-	-	
	Kirkwall	21-9	26	14.5	9.1	11.8	-1.0	20.3	1	5.0	11	-	-	60	90	27	1	13	10	1	0	0	0	2	1	0	3	0	4.60	101	-		
Sutherland	Dounreay	99	21	14.3	9.3	12.1	-	18.3	1,31	3.3	11	-	-	90	-	19	2	18	11	0	0	0	0	0	0	0	0	-	0	4.74	-	-	
	Wick	21-9	36	14.1	9.0	11.5	-1.4	22.7	1	3.4	12	-	-	74	114	19	1	13	9	0	0	0	0	1	2	0	2	0	3.84	81	-		
Ross & Cromarty	Cape Wrath	21-9	112	13.0	9.5	11.3	-0.9	17.1	30	7.5	11,12,15	-	-	81	90	21	20	13	11	0	0	0	0	3	0	0	0	-	0	5.15	-	-	
	Achfary	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Inverness	Achany	99	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Strathly	99	37	15.0	8.6	11.8	-1.4	20.6	1	1.7	11	-	-	106	131	21	2	21	15	0	0	0	0	1	1	0	-	0	3.70	92	-		
Fife	Achentoul	99	137	15.2	7.7	11.5	-	21.1	1	1.7	19	-	-	87	-	18	2	19	11	0	0	0	0	1	0	0	3	-	0	2.83	-	-	
	Stornoway	21-9	3	15.5	9.8	12.7	-0.6	18.6	26	4.8	19	-	-	43	54	14	3	9	7	0	0	0	0	1	0	0	0	-	1	5.00	121	-	
Perth	Balmacara	99	4	16.8	10.5	13.7	-	20.0	28,31	6.7	10	-	-	85	-	34	3	17	10	0	0	0	0	0	0	0	0	-	0	-	-	-	
	Poolewe	99	6	16.6	10.1	13.3	-	20.0	30	6.1	15	-	-	131	120	59	3	14	12	0	0	0	0	0	0	0	0	-	1	4.61	-	S	
Angus	Rudh Re	21-9	16	14.4	10.1	12.3	-	17.0	26,28,30	7.3	15	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	-	0	-	-	-	-	
	Inverpolly	99	14	15.8	9.4	12.6	-	19.4	28,29,30	3.3	6	13.0	-	-	104	111	29	20	16	12	0	0	0	0	1	-	0	-	0	-	-	-	
Dundee	Achnashellach	99	67	16.7	8.9	12.8	-0.9	21.7	28	3.9	17	-	-	99	67	34	3	16	13	0	0	0	0	0	0	0	-	0	-	-	-	-	
	Kinlochewe	99	23	16.9	8.2	12.5	-1.8	21.7	28	2.2	17	13.8	-	-	94	67	25	3	16	14	0	0	0	0	1	0	1	-	0	-	-	S	
Argyll	Knockanrock	99	244	14.3	8.6	11.5	-	18.3	26,28,29	4.4	7	-	-	136	-	33	20	16	13	0	0	0	0	0	0	0	1	-	0	-	-	-	
	Fortrose	99	5	15.1	10.7	12.9	-1.4	20.0	1	7.2	7	-	-	74	105	17	1	16	12	0	0	0	0	0	0	0	-	0	3.76	83	-		
Highland	Tarbatness	21-9	18	15.0	10.4	12.7	-1.0	22.0	1	8.0	7	-	-	87	145	22	1	16	12	0	0	0	0	1	0	0	-	0	-	-	-	-	
	Benbecula	21-9	6	16.0	9.9	12.9	-0.7	18.9	29	6.1	10,12	-	-	44	48	15	3	12	8	0	0	0	0	0	0	4	-	0	5.82	-	-	-	
Moray	Isle of Rhum	99	5	16.8	9.3	13.1	-	20.6	28,29	3.9	10	16.2	13.0	-	-	57	30	19	3	13	9	0	0	0	0	0	0	-	0	-	-	-	
	Prabost	99	67	16.2	9.2	12.7	-	20.0	31	5.0	7	-	-	74	61	25	3	17	11	0	0	0	0	0	0	0	1	-	2	5.46	-	-	
Aberdeen	Duntulm	99	90	14.8	9.6	12.2	-0.7	17.8	28	7.2	9,11,15	-	-	79	81	24	3	12	11	0	0	0	0	0	0	0	-	1	5.90	146	S		
	Onich	99	15	17.3	9.7	13.5	-0.3	21.1 (27,28,31)	3.9	10	-	-	-	92	61	29	1	19	14	-	0	-	-	1	0	0	-	-	3.49	98	S		
West Dunbartonshire	Fort William	99	8	17.7	9.9	13.8	-	22.2	18	3.3	10	14.7	13.5	-	-	91	-	20	1	17	14	0	0	0	0	1	0	0	-	0	3.27	-	-
	Corpach	99	8	17.9	10.1	14.0	-	22.2	25	4.4	10	-	-	86	-	18	1	17	16	0	0	0	0	0	0	0	1	-	0	-	-	-	
West Lothian	Fort Augustus	99	21	16.2	10.4	13.3	-1.0	21.7	1	6.1	8,19	-	-	90	-	24	1	23	13	0	0	0	0	0	0	0	-	0	3.31	-	S		
	Inverness	99	4	15.8	10.4	13.1	-	22.8	1	6.1	8	-	-	76	113	16	1	14	11	0	0	0	0	1	0	0	-	0	3.85	-	-	-	
East Lothian	Coire Cas Shieling	99	762	11.4	6.4	8.9	-	17.8	1	2.8	8	-	-	239	-	40	15	24	21	0	0	0	0	0	11	0	-	0	-	-	-	-	
	Cairngorm	99	1090	8.5	4.2	6.3	-	14.4	1,26	0.6	11	-	-	297	-	-	-	-	-	0	0	0	0	0	0	-	2	-	-	-	-	-	
East Ayrshire	Achnagoichan	99	305	15.2	-	-	-	21.7	1	-	-	11.5	-	-	176	204	28	1	19	17	-	-	-	-	-	5	-	-	-	-	-	-	
	Glenmore Lodge	99	341	15.0	7.6	11.3	-	21.5	1	-0.2	8	-	-	191	196	26	22	23	16	-	0	-	-	-	1	1	4	-	2.67	-	S	-	
1 SCOTLAND, E.																																	
West Lothian	Nairn	99	6	15.3	10.1	12.7	-1.7	22.8	1	4.4	19	-	-	95	136	22	1	19	11	0	0	0	0	1	0	0	0	-	0	3.88	86	-	
	Moray	99	229	15.3	8.1	11.7	-	21.1	1	0.6	8,19	-	-	115	-	22	1	17	13	0	0	0	0	1	0	0	3	-	0	-	-	-	
West Lothian	Forres	99	47	15.6	10.0	12.8	-1.7	21.7	1	7.2	12,19	14.7	12.4	134	187	24	15	20	13	0	0	0	0	1	0	0	0	-	0	3.73	78	-	
	Kinloss	21-9	5	15.6	9.6	12.6	-1.6	22.2	1	2.9	19	13.2	-	-	130	184	21	1	20	11	0	0	0	0	3	0	1	-	0	4.05	-	-	
West Lothian	Elgin	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Lossiemouth	99	6	14.8	9.6	12.2	-2.1	21.1	1	5.0	19	-	-	117	167	24	15	16	14	0	0	0	0	2	0	0	0	-	0	-	-	-	
West Lothian	Gordon Castle	99	32	15.9	9.4	12.7	-1.9	22.2	1	5.0	12,19	-	-	113	144	28	2	16	13	0	0	0	0	2	-	0	-	0	3.74	81	-	-	
	Glenlivet	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Lothian	Banff	99	24	14.7	10.1	12.4	-	22.8	1	6.1	12,19	-	-	78	-	21	15	18	8	0	0	0	0	1	1	0	-	0	3.19	-	-	-	
	Braemar	99	339	15.7	8.7	12.2	-0.9	21.1	26	4.4	19	-	-	106	140	18	1	19	18	-	0	-	-	-	0	0	0	-	2.66	-	-		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1968

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						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.	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure			
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 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																
				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.	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure										
1 SCOTLAND, E.—cont.																																		
Midlothian	Davidson's Mains	9 9	61	17.0	10.6	13.8	-1.1	21.1	21.31	6.7	6	14.6	-	79	107	21	1	13	13	0	0	0	0	0	0	0	0	0	0	0	3.83	-	S	
—cont.	Penicuik	9 9	189	16.6	9.4	13.0	-1.4	21.7	27	5.0	29	14.6	-	132	144	24	15	14	13	0	0	1	0	1	2	0	0	0	0	0	3.09	-	-	
	Bush House	9 9	184	15.6	9.2	12.4	-	20.0	27	6.1	5, 6, 29	14.5	12.5	140	154	34	15	15	13	0	0	0	0	0	0	3	0	0	0	0	3.39	-	-	
	Edinburgh—																																	
	Blackford Hill	9 9	134	16.7	10.7	13.7	-1.2	20.6	1, 21	8.3	5, 6, 11	-	-	99	128	20	1	13	12	-	0	-	-	-	1	0	0	0	-	-	3.81	73	-	
	Royal Bot. Gdn.	9 9	23	16.7	10.8	13.7	-1.5	21.1	21	7.8	6, 19	15.6	-	83	119	24	1	14	13	0	0	0	0	2	0	0	0	0	0	0	4.15	76	S	
E. Lothian	Haddington	9 9	49	16.6	10.5	13.5	-	21.7	1	7.8	6	-	-	136	207	35	15	15	12	0	0	0	0	2	1	0	0	0	0	0	3.67	-	-	
	Dunbar	9 9	23	14.9	9.8	12.3	-2.3	18.9	1, 21	8.3	5	-	-	107	179	23	2	16	14	0	0	0	0	1	1	0	0	0	0	0	4.53	78	-	
Berwick	Mertoun	9 9	69	17.3	9.2	13.3	-	22.2	21, 31	4.4	5	-	-	79	-	16	2	13	12	0	0	0	0	2	-	0	2	0	0	0	3.31	-	-	
	Lauder	9 9	183	16.3	9.1	12.7	-	21.1	21	5.0	5	-	-	91	-	18	15	15	11	0	0	0	0	3	0	0	0	0	0	0	3.49	-	-	
	Marchmont	9 9	152	15.7	9.5	12.6	-1.9	20.0	18	6.7	17, 18	-	-	109	145	17	2	16	13	0	0	0	0	3	2	0	-	-	0	0	2.91	58	S	
	Whitchester	9 9	255	15.1	8.6	11.9	-	19.4	21	5.6	5, 10, 19	-	-	129	152	43	15	16	13	0	0	0	0	3	-	0	-	0	0	0	-	-	-	
	St. Abb's Head	9 9	75	14.4	10.2	12.3	-	19.8	1	6.2	5	-	-	-	-	-	-	-	-	0	0	0	0	1	5	0	0	0	0	0	-	-	-	
Peebles	Stanhope Farm	9 9	226	16.1	7.9	12.0	-	19.4	1, 26, 27	2.2	7	-	-	77	84	15	2	18	13	0	0	0	0	1	0	0	1	0	0	0	-	-	-	
	Blyth Bridge	9 9	253	16.1	8.9	12.5	-	20.0	31	3.9	7	-	-	92	114	15	2	15	14	0	0	0	0	1	1	0	2	0	0	0	3.26	-	-	
	West Linton	9 9	244	16.1	7.7	11.9	-	20.6	28	2.8	7	13.7	12.1	84	90	18	2	16	13	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
	Gleantress	9 9	177	17.3	8.9	13.1	-	21.1	26, 27	3.3	7	-	-	87	138	15	2	15	14	12	-	0	-	-	0	0	0	-	-	0	-	-	-	
Selkirk	Bowhill	9 9	183	17.0	9.4	13.2	-	20.6	21, 27, 31	5.0	5, 7	-	-	98	132	28	2	14	12	0	0	0	0	1	0	0	-	-	0	0	-	-	-	
	Galashiels	9 9	198	16.0	9.5	12.7	-	20.6	21	5.0	7	-	-	84	-	21	2	15	12	0	0	0	0	2	0	0	0	0	0	0	3.00	-	-	
Roxburgh	Wauchope	9 9	171	16.5	9.1	12.8	-	21.1	31	4.4	18	-	-	128	158	43	2	17	13	0	0	0	0	2	1	0	-	-	0	0	-	-	-	
	Kelso	9 9	35	16.9	10.1	13.5	-	22.2	19	6.1	5, 7, 18	-	-	88	-	16	1	14	11	0	0	0	0	2	0	0	0	0	0	0	3.04	-	S	
	Sourhope	9 9	274	15.6	8.7	12.1	-1.7	21.1	21	3.9	7	-	-	164	-	54	15	17	14	0	0	0	0	0	3	0	0	0	0	0	3.12	-	-	
6a SCOTLAND, W.																																		
Argyll	Tiree	9 9	9	15.9	10.3	13.1	-0.6	19.1	29	6.4	10	-	-	28	33	11	3	10	5	0	0	0	0	0	0	0	0	1	-	0	6.83	131	-	
	Rhuvaal	21-9	20	15.4	10.4	12.9	-	19.0	29	7.8	8, 18	-	-	33	31	14	2	10	7	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Colonsay	9 9	27	16.8	9.5	13.1	-0.7	20.6	29	4.4	10	-	-	51	51	17	2	14	12	0	0	0	0	3	0	-	0	0	0	0	-	-	-	
	Aros	9 9	37	18.0	8.5	13.3	-	21.7	28, 29, 31	2.2	10	-	-	72	-	22	3	16	11	0	0	0	0	0	0	0	1	0	0	0	-	-	S	
	Craighouse	9 9	3	18.2	10.2	14.2	-	22.2	29	(7.2)	10	-	-	57	-	24	2	13	11	-	0	-	-	0	0	0	0	0	0	0	-	-	-	
	Machrihanish	21-9	10	16.6	9.8	13.2	-	19.7	28	6.1	7	-	-	57	-	33	2	8	7	0	0	0	0	0	0	0	0	0	0	0	6.41	-	-	
	Campbeltown	9 9	3	17.1	9.7	13.4	-	21.1	31	7.8	5, 7, 13	-	-	24	-	12	3	6	3	0	0	0	0	0	0	5	0	-	0	0	6.30	-	-	
	Polloch	9 9	16																															
	Achaglachgach	9 9	12	18.2	8.6	13.4	-	21.7	30	4.4	15	-	-	61	55	28	2	10	10	0	0	0	0	0	0	0	0	1	-	0	-	-	-	
	Knapdale Forest	9 9	40	17.4	9.0	13.2	-	20.6	31	5.0	10	-	-	70	-	40	2	11	9	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Glenbranter	9 9	24	17.4	9.8	13.6	-	21.7	25, 31	6.1	10	-	-	130	-	32	2	15	13	-	0	-	-	0	0	0	0	0	0	0	-	-	-	
	Glen Etive	9 9	24	17.8	9.8	13.8	-	24.4	28	2.2	10	-	-	129	-	20	1	21	17	0	0	0	0	0	0	0	0	1	0	0	0	-	-	-
	Benmore Y.B.G.*	9 9	12	17.6	10.2	13.9	-	21.7	25	7.2	6, 12, 13	-	-	104	67	30	2	15	13	0	0	0	0	1	0	0	0	0	0	0	0	-	-	-
Bute	Kildonan	21-9	18	17.4	10.6	14.0	-	21.0	20	7.2	5	-	-	72	-	36	2	9	7	0	0	0	0	1	0	0	0	0	0	0	0	-	-	-
	Brodick Castle	9 9	15	18.2	9.8	14.0	-	21.7	25	5.0	18	16.8	-	60	-	26	2	9	6	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
	Rothsay	9 9	43	17.4	10.6	14.0	-0.4	20.6	25, 29, 31	8.3	6	14.4	12.6	66	61	34	2	8	6	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
	Millport	9 9	5	17.3	10.9	14.1	-0.6	21.1	23, 25	6.1	6	-	-	82	95	37	2	9	7	0	0	0	0	1	0	0	-	0	0	0	0	-	-	-
Dunbarton	Finnart	9 9	15	17.1	10.8	13.9	-	21.1	25	8.3	(6), 12, 13	-	-	101	-	28	1	14	13	0	0	0	0	2	-	0	0	0	0	0	0	-	-	-
	Helensburgh	9 9	89	17.7	9.9	13.8	-0.9	22.2	31	7.2	12	-	-	90	85	30	1	15	7	0	0	0	0	0	0	0	0	0	0	0	0	3.75	80	S
	Sloy	21-9	12	17.5	10.9	14.2	-	21.7	25	6.8	6	-	-	109	-	32	1	14	11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
	Cumbernauld	9 9	94	17.8	10.2	14.0	-	21.7	27	6.1	6	-	-	77	-	20	2	16	11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
Stirling	Earl's Hill	21-9	335	15.3	8.4	11.9	-	19.0	21, 31	5.5	12	-	-	76	-	22	1	15	11	-	-	-	-	0	0	3	-							

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1968

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						Total fall (mm.)	Percentage of 1911-50 average	Most in a day Amount (mm.)	Date	Precip'n or more or														

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1968

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						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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more															
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.	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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure						
4 MIDLAND COUNTIES																																			
Yorks.	W. Riding	Slaidburn ...	99	192	17.0	9.7	13.3	-	21.1	21	4.4	7	-	-	73	56	37	2	15	9	0	0	0	0	0	0	0	0	0	0	0	3.48	-	-	
		Malham Tarn ...	99	395	15.4	8.9	12.1	-	20.0	21	5.6	6	13.9	-	65	54	21	2	12	10	0	0	1	0	2	0	0	0	0	0	0	2.91	-	-	
Derby	Derby	Huddersfield ...	99	99	17.9	11.0	(14.5)	-	22.8	1	7.2	7	15.2	13.4	114	177	36	14	16	12	-	-	-	-	-	-	-	-	-	-	-	2.65	53	-	
		Oaks ...	21-9	235	17.6	10.1	13.9	-	22.7	1	7.0	5	14.7	12.3	127	165	39	2	18	12	0	0	2	0	2	0	0	0	0	0	2	2.91	57	-	
		Bradford ...	99	134	17.4	10.8	14.1	-1.5	22.8	1	7.2	6,7	15.3	13.2	90	122	25	2	18	13	0	0	1	0	2	0	0	0	0	0	0	3.12	62	-	
		Ilkley ...	99	96	17.8	10.6	14.2	-1.5	21.1	9	7.2	7	-	-	81	104	41	1	11	9	0	0	0	0	2	1	0	-	-	-	3.12	62	-		
		Sheffield ...	99	131	18.2	11.4	14.8	-1.5	26.7	1	8.9	3	15.3	13.5	113	161	44	14	11	9	0	0	0	0	1	-	-	-	-	-	2.25	42	-		
		Pontefract ...	99	78	18.0	10.4	14.2	-1.7	25.6	1	6.7	3	-	-	82	134	20	10	14	11	0	0	0	0	2	0	0	0	0	0	0	3.15	-	-	
		Bramham ...	99	54	18.1	9.8	13.9	-	25.0	1	6.7	6,7,12	-	-	74	107	16	14	15	11	0	0	0	0	2	0	0	0	0	0	0	2.80	-	-	
		Cawood ...	99	6	18.3	10.5	14.4	-	26.1	1	7.2	6,7	15.9	14.5	62	95	15	14	14	9	0	0	0	0	1	0	0	0	0	0	0	2.77	52	-	
		Askham Bryan ...	99	34	18.3	10.7	14.5	-	26.1	1	7.8	12	-	-	64	97	15	14	14	10	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
		Buxton ...	99	307	16.1	9.8	12.9	-1.4	23.3	1	6.7	7,31	14.4	13.1	113	114	29	14	12	11	0	0	1	0	1	1	0	0	0	0	0	-	-	-	
		Nottingham	Nottingham	Ashover ...	99	186	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Derby ...	99			48	19.5	11.6	15.5	-	29.4	1	6.7	7	-	-	117	167	36	7	8	6	0	0	0	0	1	0	0	0	0	0	0	3.56	-	-	
Morley ...	99			107	18.6	10.9	14.7	-	28.3	1	7.8	4	-	-	92	165	36	7	5	-	-	-	-	-	-	-	-	-	-	-	4.18	-	-		
Sutton Bonington	99			48	19.2	-	-	-	29.4	1	-	-	16.1	14.0	114	189	55	10	11	9	0	0	0	0	0	0	0	-	0	0	0	3.48	63	-	
Watnall ...	21-9			118	18.9	11.0	14.9	-1.2	30.7	1	7.5	4	-	-	103	149	37	10	12	6	0	0	0	0	1	1	0	0	0	0	3.23	59	-		
Nottingham T.C.*	99			48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mansfield ...	99			110	18.1	10.2	14.1	-2.1	28.9	1	7.2	7	15.9	-	169	249	61	14	13	9	0	0	0	0	2	6	0	-	-	0	-	-	-		
Nottingham ...	99			59	18.9	11.6	15.3	-1.4	29.4	1	7.8	7	16.3	15.0	102	159	51	10	10	7	0	0	0	0	0	0	0	0	0	0	3.21	63	-		
Warsop ...	99			46	19.0	9.9	14.5	-	28.9	1	3.3	7	-	-	155	276	52	14	13	11	0	0	0	0	0	0	0	0	1	-	0	3.41	-	-	
Finningley ...	21-9			10	18.6	11.4	15.0	-1.6	27.9	1	8.3	12	-	-	150	-	54	14	14	11	0	0	1	0	3	0	0	0	0	0	3.13	-	-		
Leicester	Leicester			Newtown Linford	99	119	18.7	10.1	14.4	-	30.0	1	5.0	7	-	-	107	159	64	10	10	6	0	0	0	0	1	0	0	0	0	0	3.25	-	-
		Caldecott ...	99	53	19.3	9.8	14.5	-	31.1	1	4.4	5	-	-	92	165	56	10	12	6	-	-	-	-	0	0	0	0	0	0	3.47	-	-		
		Bugbrooke Mills	99	69	19.3	10.1	14.7	-	29.4	1	5.0	4	16.1	19.4	101	180	63	10	10	9	-	-	-	-	0	0	-	-	0	0	3.96	-	-		
		Raunds ...	99	59	19.3	10.6	14.9	-1.7	33.1	1	5.6	28	17.4	13.9	164	293	101	10	12	11	-	-	-	-	0	0	0	0	0	0	3.63	64	-		
		Wittering ...	99	65	18.7	11.0	14.9	-1.6	30.4	1	5.5	4	-	-	127	223	79	10	11	8	0	0	0	0	2	0	0	0	0	0	7.33	-	-		
		Birmingham K.E.S.**	99	137	18.9	11.5	15.2	-	27.8	1	7.2	4	-	-	100	136	56	10	11	8	0	0	0	0	3	0	0	0	0	0	0	-	-	-	
		Edgbaston ...	21-9	163	18.6	11.6	15.1	-1.1	27.2	1	7.7	4	12.8	12.0	104	142	61	10	12	7	0	0	0	0	4	0	0	0	0	0	4.05	76	-		
		Luddington ...	99	56	19.8	11.2	15.5	-	30.0	1	7.2	4,26	-	-	111	-	72	10	11	8	0	0	0	0	2	1	0	0	0	0	4.09	-	-		
		Stratford on Avon	99	49	19.9	10.6	15.3	-	30.0	1	5.0	4	17.4	-	114	200	69	10	12	9	0	0	0	0	2	0	0	0	0	0	3.52	-	-		
		Elmdon ...	21-9	97	19.0	10.6	14.8	-1.3	28.2	1	6.7	4,27	-	-	94	142	54	10	8	6	0	0	0	0	5	0	0	0	0	0	3.96	-	-		
		Warwick	Warwick	Shipston on Stour	99	111	18.9	10.8	14.9	-	29.4	1	6.1	1	15.7	-	147	233	102	10	11	8	0	0	0	0	2	0	0	1	-	0	4.14	-	-
Wellesbourne ...	99			47	19.8	-	-	-	30.0	1	-	-	-	-	113	182	75	10	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
Coventry ...	99			107	18.8	11.2	(15.0)	-	26.7	1	7.2	4	-	-	89	-	53	10	4	4	0	0	0	0	0	0	0	-	0	(4.06)	-	-	-		
Moreton Morrell	99			85	19.6	10.8	15.2	-	30.6	1	6.1	4	-	-	130	209	92	10	12	9	0	0	0	0	3	0	0	0	0	0	4.27	-	-		
Rugby ...	99			117	18.9	11.2	15.1	-1.1	29.4	1	6.7	4	17.0	15.6	120	190	83	10	12	7	0	0	0	0	0	0	0	0	0	0	-	-	-		
Brize Norton ...	21-9			84	19.5	11.5	15.5	-	31.1	1	6.5	4	-	-	112	-	71	10	10	8	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
Oxford ...	99			63	19.7	11.9	15.8	-1.3	31.7	1	7.2	28	17.5	15.6	141	232	88	10	11	10	0	0	0	0	2	0	0	0	0	0	4.39	75	-		
Medmenham ...	99			30	20.4	9.8	15.1	-	31.7	1	2.2	4	-	-	72	-	26	10	13	10	-	-	-	-	-	0	1	-	-	-	-	-	-		
Grendon Underwood	99			67	19.8	10.4	15.1	-	31.7	1	5.0	4	17.0	14.6	116	-	70	10	12	9	0	0	0	0	0	0	0	-	0	0	4.32	-	-		
Aylesbury ...	99			96	19.6	10.9	15.3	-	31.7	1	6.7	28	-	-	81	121	40	10	11	9	0	0	0	0	2	4	0	0	0	0	4.39	-	-		
Bletchley ...	99			86	19.9	11.8	15.3	-	32.2	1	7.8	4,28	-	-	112	-	63	10	13	8	0	0	0	0	1	1	0	0	-	0	-	-	-	-	
Stafford	Stafford	Keele ...	99	179	17.9	10.6	14.3	-	21.7	1	7.2	7	15.1	12.8	86	112	28	1	13	8	0	0	0	0	3	0	0	0	0	0	3.48	-	-		
		Oaken ...	99	125	19.2	9.9	15.5	-	26.1	1	6.7	6,27	15.6	-	79	-	21	7	11	7	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Stone ...	99	107	18.4	10.1	14.3	-	25.0	1	4.4	7	-	-	98	134	39	1	10	6	0	0	1	0	2	0	0	0	0	0	4.59	-			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1916-50 average	Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date							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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY.

1968

DISTRICT, COUNTY AND PLACE		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		Daily Mean (Mean of A & B)	Difference from 1931-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-50 average	Amount (mm.)	Date	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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date							0.2 mm. or more	1.0 mm. or more													
7a ENGLAND, N.W.—cont.																																
Lancashire —cont.	Garstang	99	21	18.1	10.4	14.3	-	22.8	1	5.0	6	-	68	77	38	2	10	9	-	0	-	-	-	0	0	0	-	4.71	-	-		
	Bailrigg	99	54	17.9	10.5	14.2	-	21.7	31	5.5	6	-	74	-	35	2	11	10	-	0	-	-	-	0	0	0	-	4.75	-	-		
	Morecambe	99	7	18.5	12.1	15.3	-0.7	22.2	31	8.9	7	-	81	97	41	2	11	8	0	0	0	0	1	0	0	-	4.95	87	-	-		
	Penketh	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Preston	99	33	18.4	11.1	14.7	-	21.7	9	5.6	6	-	60	66	28	2	13	9	0	0	0	0	2	0	0	0	0	-	-	-		
	Bolton	99	107	18.0	10.8	14.4	-	21.7	1,21	6.7	7	14.8	81	-	37	1	8	6	-	0	-	-	-	0	0	0	-	3.85	-	-		
	Stonyhurst	99	115	18.3	10.6	14.5	-0.7	22.8	1,20	6.1	6.7	-	78	76	37	2	15	9	-	0	-	-	-	0	0	-	3.96	78	-	-		
	Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Helmshore	99	260	16.4	10.3	13.3	-	21.1	1	7.2	3.7	14.3	102	84	42	2	11	8	-	0	-	-	-	0	0	0	-	3.81	-	-		
	Burnley	99	200	17.5	10.2	13.8	-	21.1	1,21	6.1	6.18	13.9	11.7	106	-	46	1	20	13	0	0	1	0	2	0	0	0	0	3.37	-	-	
Cheshire	Nelson	99	165	16.9	10.5	13.7	-	20.8	21	6.5	7	15.5	12.6	102	110	58	1	13	8	-	0	-	-	-	0	0	-	3.40	-	-		
	Rochdale	99	110	18.3	10.7	14.5	-	22.2	1	5.6	7	-	85	87	32	2	14	7	0	0	0	0	3	0	0	0	1	3.33	-	-		
	West Kirby Park	99	8	18.6	11.9	15.3	-	21.7	9,27	7.8	6	-	82	-	30	2	11	9	-	0	-	-	-	0	0	-	5.89	-	-			
	Bidston	99	60	17.2	12.2	14.7	-1.0	20.6	9,27	8.3	3	-	96	137	42	2	10	9	-	0	-	-	-	0	0	-	5.57	97	-	-		
	Ness Gardens	99	55	18.5	11.4	14.9	-	22.2	27	7.8	7	-	71	-	26	1	12	8	-	-	-	-	-	0	0	-	-	-	-	-		
	Winnington	99	20	19.4	11.4	15.4	-	22.8	21,31	7.2	7	-	102	148	61	1	12	7	0	0	1	0	2	1	0	0	0	-	-	-		
	Knutsford	99	65	19.2	10.6	14.9	-	23.4	20	6.9	7	16.9	15.1	101	126	41	1	13	9	-	0	-	-	-	0	0	-	-	-	-		
	Ringway	99	76	18.5	11.2	14.9	-1.0	22.4	31	8.0	3	-	93	117	47	1	13	11	0	0	2	0	2	0	0	0	0	4.01	81	-	-	
	Macclesfield	99	152	17.9	10.8	14.3	-1.4	22.2	1	7.2	3	-	110	118	27	1	14	11	0	0	1	0	2	0	0	-	0	-	-	-		
	7b NORTH WALES																															
Flint	Rhyl	99	9	17.7	11.4	14.5	-1.3	21.1	9,26	5.6	6	-	76	144	26	2	9	7	0	0	0	0	3	0	0	0	-	5.80	101	-	-	
	Prestatyn	99	4	17.6	11.7	14.7	-	21.1	1,9	7.2	6	-	87	148	25	2	9	7	0	0	0	0	3	0	0	-	0	5.81	107	-	-	
	Hawarden Bridge	99	5	19.2	11.3	15.3	-1.0	22.8	22	6.7	7	-	78	125	31	1	11	6	0	0	0	0	2	0	0	-	0	-	-	-		
Anglesey	Valley	99	10	18.4	11.2	14.8	-0.3	22.1	21	6.9	18	-	87	135	34	2	8	4	0	0	0	0	2	0	0	0	0	6.95	115	-	-	
	Colwyn Bay	99	36	17.0	11.7	14.3	-1.6	20.6	20,22	7.2	6	16.3	-	89	163	43	2	8	6	0	0	0	2	0	0	-	0	6.59	114	-	-	
	Alwen	99	335	16.4	7.4	11.9	-	20.0	21,27	-0.6	6	-	109	121	39	2	10	9	-	-	-	-	-	1	4	-	-	-	-	-		
Denbigh	Ruthin	99	76	18.0	9.8	13.9	-	21.1	9,22	5.6	7,18	-	101	-	27	2	9	8	-	0	-	-	-	0	0	-	-	4.66	-	-		
	Loggerheads	99	210	17.1	9.2	13.1	-	20.0	20,22,31	2.8	6	14.1	12.6	80	-	27	22	12	7	0	0	0	2	2	0	0	0	4.52	-	-		
	Bwlchwyn	99	386	16.5	9.2	12.9	-	20.6	18	6.1	3,6,7	12.7	-	106	120	36	1	9	8	0	0	2	0	2	1	0	0	-	-	-		
Caernarvon	Wrexham	99	84	18.7	10.6	14.7	-	22.2	22	5.0	18	-	13.7	102	154	40	1	8	7	0	0	2	0	2	5	0	0	-	-	-		
	Bardsey Island	21-9	18	16.4	12.2	14.3	-	20.0	21	9.9	3	-	78	-	34	1	6	6	-	0	-	-	3	0	0	-	-	-	-	-		
	Botwnnog	99	34	18.4	10.8	14.6	-	21.7	21	5.6	6	17.8	15.1	73	-	37	1	8	5	0	0	0	2	0	0	0	0	6.59	-	-		
Merioneth	Bryn Adda	99	84	18.7	10.6	14.7	-	22.2	20,21	6.1	6	-	98	111	41	2	10	7	0	0	0	0	2	0	0	0	0	6.15	-	-		
	Aber	99	18	18.1	11.0	14.5	-1.1	21.7	10	5.6	6	-	107	137	45	2	11	8	0	0	0	0	2	0	0	1	-	5.09	-	-		
	Trawsfynydd	99	186	17.9	10.0	13.9	-	21.7	1	6.7	6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Montgomery	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-			
	Corwen	99	144	18.1	9.0	13.5	-	21.1	9,20,27	2.8	6,18	-	-	96	123	28	2	12	10	0	0	0	2	-	0	0	-	-	-	S		
	Ceintrws	99	61	20.8	9.3	15.1	-	23.3	9,21,31	3.3	6	-	-	102	-	28	2	10	8	-	-	-	-	0	0	1	-	-	-	-		
	Lake Vyrnwy	99	303	17.6	9.3	13.5	-	21.1	22,28	5.0	6.7	14.1	-	124	109	56	14	11	7	0	0	0	3	0	0	0	0	-	-	-		
8a SOUTH WALES																																
Cardigan	Aberporth	21-9	133	16.7	11.3	14.0	-0.8	20.1	22	7.7	4	-	57	71	25	1	7	5	0	0	0	0	2	1	0	0	-	7.37	-	-		
	Aberystwyth	99	138	17.9	10.7	14.3	-0.6	21.1	31	8.3	31	-	112	127	33	1	11	7	0	0	0	0	3	1	0	0	0	5.96	118	-	-	
	Frongoch	99	31	18.8	10.7	14.7	-	21.7	26,28,31	6.1	6	-	110	124	31	2	10	8	0	0	0	0	2	0	0	0	-	6.15	-	-		
	Swyddfynnon	99	165	18.8	10.2	14.5	-	22.2	21	5.6	24	-	97	87	36	2	12	10	-	0	-	-	-	0	0	-	-	6.07	-	-		
	Trawscoed	99	61	19.0	10.0	14.5	-	22.2	9,21	5.6	6	15.8	-	94	89	34	2	10	10	0	0	0	0	0	0	0	0	5.95	-	-		
	Llety-evan-hen	99	290	17.0	10.5	13.7	-	21.1	1	8.9	4,9,18	-	108	90	30	2	10	9	0	0	1	0	2	0	0	0	0	5.55	124	-	-	
Pembroke	Cwmystwyth	99	301	17.4	8.8	13.1	-	21.1	1,20	4.4	9	-	108	-	39	2	10	9	-	-	-	-	-	0	0	-	-	-	-	-		
	Dale Fort	99	33	19.1	11.4	15.3	-	26.1	31	9.4	13	17.4	-	50	-	23	1	4	3	0	0	1	0	0	0	-	8.67	-	-			
	Milford Haven C.B.	21-9	37	18.7	11.5	15.1	-	23.5	20	9.0	9,13	-	52	-	24	2	6	3	0	0	0	0	2	0	0	0	-	-	-	-		
	Brawdy	99	110	17.5	10.4	13.9	-	20.5	20,21	8.3	3,9,18	-	53	57	24	1	5	4	0	0	0	0	2	1	0	0	0	8.27	-	-		
	Orielton	99	61	19.8	10.4	15.1	-	24.4	20	6.7	13	15.8	-	60	-	24	2	8	5	0	-	0	1	-	0	0	0	-	-	-		
	Cardmarthen	99	1																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

JULY,

1968

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		Daily Mean (Mean of A & B)	Difference from 1911-50 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	Total fall (mm.)	Percentage of 1910-50 average	Most in a day Amount (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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure	
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date						0.2 mm. or more	1.0 mm. or more														
8b ENGLAND, S.W.—cont.																																	
Devon —cont.	Plymouth, The Hoe	9 9	36	19.7	12.1	15.9	-0.4	26.1	1	7.2	4	17.3	15.6	115	176	25	1	13	10	0	0	0	0	0	0	0	0	0	7.20	113	-		
	Tavistock	9 9	139	19.5	10.5	15.0	-0.7	25.0	1,22	4.4	4	-	-	154	-	56	10	15	12	0	0	2	0	5	0	0	0	0	-	-	-		
	Chivenor	21-9	6	19.3	11.9	15.6	-0.9	24.2	1,21	9.2	6	-	-	120	174	35	10	11	11	0	0	0	0	3	0	0	0	0	7.94	-	-		
	Ilfracombe	9 9	8	18.2	-	-	-	21.7	1	-	-	18.3	15.9	101	133	35	10	7	7	0	0	0	0	1	0	0	0	0	8.49	103	-		
	Totnes	9 9	37	20.1	10.3	15.2	-	25.6	1	4.4	4	-	-	102	132	30	9	12	9	0	0	1	0	3	0	0	0	0	7.40	-	-		
	Slapton	9 9	32	19.2	11.9	15.6	-	23.9	1	6.7	4	-	-	80	-	15	1	11	10	0	0	1	0	2	0	0	0	0	-	-	-		
	Newton Abbot	9 9	83	19.4	11.4	15.4	-0.8	25.6	1	6.7	4	-	-	91	138	21	10	12	7	0	0	1	0	2	0	0	0	0	8.02	134	-		
	Torbay (Torquay)	9 9	8	19.7	12.6	16.1	-0.5	25.4	1	7.9	4	-	16.4	81	148	38	10	11	11	0	0	1	0	2	1	0	0	0	8.85	131	-		
Cornwall	Teignmouth	9 9	6	19.8	12.6	16.2	-0.7	25.0	1	8.3	4	-	-	116	211	53	10	12	9	0	0	0	0	2	0	0	-	-	8.40	126	-		
	Starcross	9 9	9	18.7	11.3	15.0	-	26.1	1	6.1	4	17.6	-	105	170	43	10	10	8	0	0	0	0	3	0	0	0	0	7.44	-	-		
	Exeter	21-9	32	19.9	11.3	15.6	-	27.5	1	5.8	4	-	-	87	139	39	10	10	7	0	0	1	0	3	0	0	0	0	6.70	-	-		
	Sidmouth	9 9	8	19.4	12.1	15.7	-0.4	25.6	1	6.7	4	-	-	105	187	65	10	8	7	-	0	-	-	-	0	0	0	-	7.58	122	-		
	Scilly	21-9	48	18.7	13.0	15.9	-0.1	23.0	21	9.3	5	-	-	70	124	33	9	8	6	0	0	0	0	4	1	0	0	0	8.99	135	-		
	Penzance	9 9	19	19.2	11.7	15.5	-0.9	23.9	1	7.2	4	-	-	57	81	20	9	11	10	0	0	0	0	2	0	0	-	8.61	130	-			
	Guilval	9 9	15	19.4	12.4	15.9	-0.3	23.9	1	7.2	4	-	-	57	86	19	9	11	9	-	0	-	-	-	0	0	0	-	-	-	-		
	Culdrose	9 9	82	18.3	11.3	14.8	-	24.2	1	6.2	4	-	-	79	131	24	1	9	8	0	0	0	0	5	0	0	0	1	8.69	-	-		
	Rosewarne	9 9	76	18.4	11.5	14.9	-	23.3	1	8.3	4	16.6	15.1	76	116	25	1	10	10	0	0	0	0	3	1	0	0	0	7.55	-	-		
	Lizard	9 9	73	18.4	11.9	15.1	-0.5	24.5	1	9.9	4	-	-	66	123	16	13	11	11	0	0	0	0	3	-	0	-	9.61	-	-	-		
	Falmouth	9 9	51	18.7	11.7	15.2	-0.8	23.9	1	7.2	4	-	-	66	93	20	13	11	9	0	0	0	0	2	0	0	0	0	8.59	135	-		
	Newquay	9 9	54	18.1	11.6	14.9	-0.9	22.8	1	8.3	4	-	-	111	166	30	13	10	10	0	0	0	0	2	-	0	-	7.14	113	-			
	St. Mawgan	21-9	103	17.7	11.4	14.5	-	23.9	1	7.4	4	-	-	99	131	28	1	11	10	0	0	0	0	3	0	0	0	0	6.99	-	-	-	
	St. Austell	9 9	94	19.2	11.1	15.1	-	24.4	1	7.8	3,4	-	-	79	92	14	13	11	11	0	0	0	0	3	0	0	0	-	-	-	-	-	
	Fowey	9 9	40	19.5	11.3	15.4	-0.9	24.4	1,20	5.6	4	-	-	87	-	15	10	11	10	0	0	0	0	2	0	0	-	1	-	-	-	-	
	Bude	9 9	15	18.3	11.1	14.7	-1.0	23.9	1	6.7	6	-	-	92	135	24	1	10	9	0	0	-	-	-	0	-	-	-	-	-	-	-	
Ellbridge	9 9	58	19.9	10.7	15.3	-0.7	26.1	1	4.4	4	-	-	116	155	33	10	12	11	0	0	0	0	5	0	0	0	-	6.95	113	-	-		
9 NORTHERN IRELAND																																	
Londonderry	Loughmore Forest	9 9	174	16.6	6.8	11.7	-	20.1	29	0.7	5	-	-	66	-	20	2	10	7	0	0	0	0	1	0	0	3	-	-	-	-	-	
	Ballykelly	21-9	2	17.3	9.4	13.3	-1.3	21.1	29	3.6	5	16.4	13.7	25	30	7	31	8	6	0	0	0	0	1	0	0	0	0	5.50	125	-	-	
	Derrynoyd Forest	9 9	88	18.5	8.5	13.5	-	22.3	27	3.5	5	-	-	39	-	28	2	8	4	0	0	0	0	0	0	0	4	0	-	-	-	-	
	Somers Forest	9 9	43	18.7	8.9	13.8	-	23.5	20	4.0	8	-	-	24	-	10	2	9	4	0	0	0	0	1	0	0	0	0	-	-	-	-	
Antrim	Garvagh Forest	9 9	91	16.9	8.3	12.6	-	20.6	20	2.8	5	15.6	12.7	39	-	14	2	8	4	0	0	0	0	1	0	0	0	0	-	-	-	-	
	Moneydig	21-9	34	17.7	8.1	12.9	-1.6	21.9	20	2.2	5	15.8	-	42	43	15	2	9	5	0	0	0	0	1	0	0	4	0	-	-	-	-	
	Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	22	-	9	3	7	3	-	-	-	-	-	-	-	-	-	6.49	-	-	-	
	Ballymoney	9 9	55	17.4	9.0	13.2	-	20.6	29	5.6	5,18,28	-	-	42	-	20	2	8	5	0	0	0	0	0	0	0	-	0	-	-	-	-	
	Lisnafillan	9 9	38	17.6	8.9	13.3	-	21.1	20	2.8	18	-	-	40	-	21	2	10	7	0	0	0	0	0	0	0	0	-	5.88	-	-	-	
	Aldergrove	21-9	69	18.1	9.4	13.7	-1.0	22.0	20,27	4.4	6	15.2	12.1	37	-	24	2	10	6	0	0	0	0	0	0	0	0	0	5.79	132	-	-	
	Greenmount	9 9	32	18.4	9.3	13.9	-	22.8	27	3.9	18	16.2	-	45	-	28	2	9	7	0	0	0	0	0	0	-	0	0	-	-	-	-	
	Altnahinch	9 9	226	15.4	7.8	11.6	-	18.3	1,20,29	3.9	10	-	-	74	-	35	2	12	11	0	0	0	0	0	0	0	0	0	5.37	-	-	-	
	Parkmore Forest	9 9	235	15.4	7.8	11.6	-	19.4	20	2.2	5	13.7	-	71	-	36	2	13	10	0	0	0	0	0	0	0	0	0	-	-	-	-	
	Black Mountain	21-9	295	15.8	8.5	12.1	-	20.0	20	5.6	6,12	-	-	45	-	30	2	7	5	0	0	0	0	0	2	0	-	0	-	-	-	-	-
	Lowtown	9 9	271	15.6	8.1	11.9	-	18.9	20,27	3.9	5	13.4	-	69	-	27	2	12	10	0	0	0	0	0	0	0	0	0	5.08	-	-	-	-
	Ballypatrick Forest	9 9	152	15.3	7.9	11.6	-	19.0	31	4.5	5	-	-	54	-	35	2	10	8	0	0	0	0	0	1	0	0	0	5.93	-	-	-	-
	Belfast, Malone	9 9	35	18.4	9.8	14.1	-	23.3	21	5.6	6	15.8	-	71	-	52	2	7	5	0	0	0	0	0	0	0	0	0	5.23	-	-	-	-
	Newtownabbey	9 9	32	17.8	10.9	14.3	-	21.7	20,21	7.2	6,18	16.0	-	58	-	38	2	10	7	0	0	0	0	0	0	0	0	0	6.01	-	-	-	-
	Woodburn, North	9 9	217	16.2	7.6	11.9	-	20.6	20	2.8	5,6	-	-	69	67	31	2	12	8	0	0	0	0	0	2	0	0	0	-	-	-	-	-
	Larne	9 9	43	18.2	9.2	13.7	-	22.2	20,21	5.6	5	-	-	49	57	29	2	11	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Kilroot	9 9	22	17.3	9.6	13.5	-	21.1	20	5.6	18	-	-	45	-	31	2	5	5	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Down	Ballylumford	9 9	24	17.3	9.8	13.5	-	20.6	20,21	4.4	6	-	-	37	-	23	2	8	6	0	0	0	0	0	0	0	0	-	-	-	-	-	-
	Hillsborough	9 9	116	17.3	9.5	13.7	-0.6	21.1																									

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)			Hour of Observation (G.M.T.)	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	Calms									
																											34 or more	23-33	11-21	1-10	0									
Number of Observations																																								
0 SCOTLAND, N.																																								
Zetland	83m.	3	1020.8	-	9.5	0.5	11.1	92	6.5	0	3	4	10	11	3	0	2	1	0	0	0	4	4	8	14	0	1	6	18	6	11	4	0	0	1	1	0	5	3	
		9	1020.8	+10.1	11.9	1.6	11.3	80	6.9	0	0	6	12	12	8	0	0	1	0	0	0	1	2	6	7	14	0	1	12	17	1	4	13	0	0	1	1	0	5	5
		15	1021.0	-	12.7	1.9	11.5	78	6.5	0	3	2	18	8	0	0	0	0	0	0	0	1	2	6	7	16	0	2	13	16	0	5	6	2	5	3	0	3	5	
Orkney	Kirkwall	21	1021.3	-	10.6	1.0	11.2	87	5.9	0	6	2	16	7	0	0	0	0	1	0	0	1	5	11	13	0	1	7	21	2	9	3	0	1	1	1	0	1	10	
		3	1020.9	-	9.9	0.5	11.5	93	6.2	0	3	5	12	10	1	0	0	0	1	0	0	0	5	22	8	15	0	1	6	15	9	9	3	0	2	0	4	1	0	2
		9	1021.1	+10.3	12.5	1.5	12.0	82	6.7	0	1	4	12	13	1	0	0	1	0	0	0	0	5	2	4	19	0	0	13	17	1	10	4	4	3	5	0	2		
Caithness	Wick	15	1021.3	-	13.4	1.9	12.1	79	6.5	0	1	5	15	10	0	0	0	0	0	0	0	2	4	5	20	0	2	13	16	0	11	4	6	3	1	0	0	3	3	
		21	1021.7	-	11.0	0.9	11.8	90	6.2	0	4	3	16	8	0	0	0	0	0	0	0	2	4	7	18	0	0	6	23	2	8	4	3	4	3	0	0	5		
		3	1020.8	-	9.8	0.5	11.4	94	6.5	0	3	3	16	8	1	0	0	1	0	0	0	3	6	9	12	0	0	7	20	4	5	3	2	2	3	1	6	5		
Sutherland	Cape Wrath*	9	1020.6	-	12.1	1.3	11.9	84	6.7	0	2	3	15	10	1	0	1	0	1	0	1	2	2	10	14	0	0	12	19	0	10	6	5	5	1	1	2	1	1	
		15	1021.0	+9.5	13.0	1.7	12.0	80	6.2	0	3	4	16	8	0	0	0	0	1	1	5	3	4	17	0	0	15	16	0	8	4	6	8	0	0	1	2			
		21	1021.5	-	11.1	0.9	11.7	88	6.1	0	4	5	12	10	0	0	0	1	0	0	0	1	6	10	13	0	0	7	24	0	7	7	4	3	2	0	3	5		
Ross & Cromarty	Stornoway	3	1020.5	-	10.6	0.8	11.5	89	6.3	0	4	3	8	14	2	0	0	0	2	0	1	0	9	19	0	0	9	17	5	2	5	8	0	1	5	2	2	5	1	
		9	1021.1	-	11.5	1.1	11.8	87	6.6	0	1	7	7	13	3	0	2	0	1	0	0	1	1	6	20	0	1	11	16	3	2	6	9	1	1	5	2	2		
		15	1021.5	-	12.2	1.3	12.1	85	6.3	0	3	6	8	11	3	0	2	1	0	0	0	0	2	6	20	0	0	12	19	0	2	7	9	2	0	6	3			
Inverness	Benbecula	21	1021.5	-	11.1	0.9	11.8	88	6.2	0	3	6	8	13	1	0	1	0	0	0	1	0	3	7	19	0	0	13	16	2	2	6	9	2	2	3	2	3		
		3	1021.3	-	10.8	0.5	11.2	93	6.0	2	2	3	16	8	0	0	0	0	0	0	1	3	4	14	9	0	0	6	19	6	7	2	5	1	2	1	2	5		
		9	1021.5	+10.3	13.2	1.4	12.7	84	6.5	0	2	4	16	9	0	0	0	0	0	1	1	1	4	9	15	0	0	11	19	1	8	7	3	2	5	1	2	2		
Angus	Usan	15	1021.7	-	14.4	1.9	13.0	79	5.9	0	3	4	21	3	0	0	0	0	0	0	1	2	2	7	19	0	1	14	15	1	4	11	1	2	4	1	4	3		
		21	1021.9	-	12.3	0.9	12.8	89	5.8	1	4	4	15	7	0	0	0	0	0	0	0	3	3	9	16	0	0	12	18	1	6	11	3	0	3	2	0	5		
		3	1020.8	-	10.7	0.7	11.9	92	6.0	1	4	2	18	6	0	0	0	0	0	1	1	1	3	6	19	0	1	7	19	4	10	6	2	1	1	3	3			
Fife	Leuchars	9	1021.2	+9.9	13.5	1.8	12.4	80	6.1	0	2	7	17	5	0	0	0	0	0	0	1	3	2	7	18	0	2	12	13	4	6	4	2	2	3	1	5			
		15	1021.5	-	14.7	2.3	12.6	75	6.2	0	0	9	18	4	0	0	0	0	0	0	1	4	7	19	0	1	18	12	0	5	5	2	1	0	4	5				
		21	1021.6	-	12.3	1.3	12.1	85	5.6	0	6	6	14	4	1	0	0	1	0	0	1	2	4	4	19	0	1	7	22	1	10	6	1	1	2	1	2			
1 SCOTLAND, E.																																								
Moray	Kinloss	3	1021.2	-	10.4	0.5	11.9	93	6.7	0	2	3	16	10	0	0	0	0	0	0	2	5	6	10	8	0	1	7	17	6	6	1	6	1	1	6	4	0		
		9	1021.3	+10.0	12.9	1.3	12.7	85	6.7	0	1	6	10	14	0	0	0	0	0	0	2	4	3	8	14	0	1	9	19	2	9	1	6	0	0	2	9	2		
		15	1021.2	-	14.7	2.2	12.8	77	6.2	0	3	5	12	11	0	0	0	0	0	1	1	4	1	6	18	0	2	12	17	0	8	6	7	0	0	3	4			
Aberdeen	Dyce	21	1021.8	-	12.2	1.1	12.5	87	6.5	0	3	3	15	10	0	0	0	0	0	0	0	5	2	11	13	0	1	6	23	1	6	5	11	2	0	2	1	3		
		3	1020.0	-	10.2	0.5	11.7	93	6.7	0	3	1	17	9	1	0	0	1	0	2	3	4	11	5	5	0	0	7	13	11	6	1	1	0	3	1	1			
		9	1020.1	+8.4	12.8	1.5	12.2	83	7.0	0	1	2	13	15	0	0	0	0	0	4	5	9	8	5	0	0	10	16	5	8	0	5	3	1	2	1	6			
Angus	Fraserburgh	15	1020.3	-	14.1	2.2	12.3	76	6.6	0	3	1	18	9	0	0	0	0	1	2	3	7	13	5	0	1	13	16	1	9	2	8	5	3	1	2	0			
		21	1020.7	-	11.6	1.0	12.1	88	6.3	0	4	3	14	10	0	0	0	0	0	2	7	11	6	5	0	0	6	19	6	9	2	2	3	1	2	4				
		3	1020.8	-	11.2	0.8	12.1	90	6.8	0	2	5	7	16	1	0	1	0	0	1	3	9	17	0	0	1	9	19	2	7	2	2	1	7	0	6				
Angus	Usan	9	1020.8	-	12.4	1.1	12.6	87	7.4	0	2	0	5	21	3	0	1	1	1	0	0	2	1	5	20	0	0	11	20	0	9	1	5	0	6	1	7			
		15	1020.9	-	13.0	1.3	12.8	86	6.5	0	0	8	10	13	0	0	0	1	0	0	0	2	7	17	4	0	1	14	14	2	7	3	8	1	0	0				
		21	1021.2	-	11.9	0.9	12.5	89	6.4	0	4	3	12	12	0	0	0	0	0	1	6	8	16	0	0	0	9	20	2	5	3	4	2	1	3	7				
Fife	Leuchars	3	1019.6	-	11.2	0.6	12.3	92	6.9	0	1	3	14	13	0	0	0	2	1	0	3	3	10	12	0	1	6	16	8	10	5	1	0	1	3	1	2			
		9	1019.9	-	12.8	1.2	12.8	86	6.5	0	2	5	10	14	0	0	0	0	0	2	3	5	7	14	0	0	8	19	4	7	6	4	2	3	2	3	0			
		15	1020.1	-	13.6	1.3	13.2	85	6.4	0	3	3	15	10	0	0	0	0	0	6	6	3	16	0	1	8	19	3	4	4	6	3	7	2	2	0				
Midlothian	Turnhouse	21	1020.8	-	11.7	0.7	12.5	91	6.4	0	3	6	15	1	0	0	1	1	1	1	2	7	6	12	0	1	5	18	7	8	8	2	0	1	1	4	0			
		3	1019.9	-	11.2	0.6	12.4	93	6.9	0	2	2	10	16	1	0	1	1	1	1	3	10	10	4	0	4	17	10	5	4	2	1	1	2	5	1				
		9	1020.0	+8.1	13.6	1.5	13.1	84	6.6	0	1	5	14	11	0	0	0	0	0	0	7	7	8	9	0	1	7	18	5	2	6	8	2	0	6	1				
Midlothian	Turnhouse	15	1020.0	-	15.2	2.1	13.5	78	6.3	0	0	7	19	5	0	0	0	0	0	0	1	4	14	12	0	2	11	18	0	2	3	16	4	1	3	2	0			
		21	1020.5	-	12.3	1.0	12.7	88	6.7	0	3	2	14	11	1	0	0	1	0	2	1	3	5	13	6	0	6	23	2	4	6	10	3	1	2	2	1			
		3	1020.4	-	11.1	0.5	12.4	93	6.7	0	3	3	10	15	0	0	0	0	1	3	11	9	6	1	0	0	2	19	10	1	6	4	1	0	4	4	1			
Argyll	Tiree	9	1020.6	+8.3	13.6	1.5	12.9	83	6.9	0	1	3	15	12	0	0	0	0	2	8	10	6	5	0	0	4	26	1	4	7	6	0	1	5	7	0				
		15	1020.4	-	15.7	2.5	13.2	74	6.3	0	4	4	14	9	0	0	0	0	0	0	3	12	9																	

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

JULY.

1968

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.	200-399 m.	400-599 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	Calm													
																																						SPEED IN KNOTS				
																																						34 or more	22-33	11-21	1-10	0
Number of Observations																																										
2 ENGLAND, N.E.																																										
Northumberland Acklington 46m.	3	1019.9	-	10.3	0.4	12.1	96	6.5	0	3	4	9	15	0	0	1	0	0	0	1	8	8	5	6	0	0	5	21	5	11	1	0	1	1	1	5	6					
	9	1020.0	+7.5	13.6	1.4	13.1	83	6.9	0	2	1	15	13	0	0	0	0	0	0	0	0	7	10	6	3	0	1	7	20	3	12	6	1	1	2	3	2	1				
	15	1020.4	-	14.4	1.8	13.2	81	6.2	0	2	9	10	10	0	0	0	0	1	0	0	2	6	10	7	5	0	1	11	19	0	6	5	8	7	0	4	1					
	21	1020.7	-	11.6	0.5	12.8	93	6.4	0	3	3	14	11	0	0	0	0	1	6	11	6	6	1	0	0	1	0	3	20	8	9	3	0	3	1	3	2	2				
	3	1020.2	+7.2	12.8	1.2	12.8	87	6.9	2	0	3	7	19	0	0	0	0	0	2	6	7	8	8	0	0	4	10	15	2	14	3	2	2	3	1	3	1					
	15	1020.5	-	13.7	1.4	13.3	84	6.1	0	1	11	8	10	1	0	1	0	0	2	1	8	10	9	0	0	0	4	10	17	0	10	5	5	3	4	0	3	1				
Tynemouth 40m.	3	1020.7	-	12.6	1.0	12.9	88	6.1	0	3	7	7	14	0	0	0	0	0	5	6	16	4	0	0	0	1	7	21	2	9	4	2	4	5	0	4	1					
	9	1020.3	-	10.6	0.3	12.4	96	6.1	0	5	5	5	15	1	0	0	2	1	0	2	11	8	7	0	0	1	4	24	2	8	3	1	0	1	4	2	7	3				
	15	1020.6	-	12.7	0.9	13.1	89	6.6	0	2	5	9	12	3	2	0	1	1	0	4	5	6	4	4	8	0	1	5	22	3	13	3	0	0	5	0	3	4				
	21	1020.8	-	13.7	1.2	13.5	86	6.0	0	1	11	7	12	0	0	0	2	1	6	6	4	4	8	0	0	2	5	22	2	13	4	2	3	4	0	3	0					
	3	1020.9	-	12.1	0.8	12.8	90	5.6	0	9	0	12	9	1	0	0	1	0	1	7	6	2	4	10	0	1	2	22	6	11	1	1	0	7	2	2	1					
	15	1020.3	-	11.7	0.7	12.6	91	6.3	0	5	2	12	12	0	0	0	0	1	2	5	9	9	4	1	0	0	5	18	8	8	2	0	1	2	3	3	4					
Seahouses 12m.	3	1020.3	-	14.0	1.5	13.4	83	6.8	0	2	4	9	16	0	0	0	0	0	1	5	11	9	4	1	0	0	6	23	1	12	6	0	2	4	2	1	3					
	9	1019.8	-	11.7	0.7	12.6	91	6.3	0	5	2	12	12	0	0	0	0	1	2	5	9	9	4	1	0	0	5	18	8	8	2	0	1	2	3	3	4					
	15	1020.0	-	16.5	2.7	13.7	73	6.6	0	0	7	14	10	0	0	0	0	0	0	0	1	13	11	5	1	0	9	21	1	4	13	2	1	2	1	5	2					
	21	1020.5	-	13.6	1.3	13.4	86	6.2	0	4	5	8	14	0	0	0	0	1	3	7	3	11	3	3	0	0	4	22	5	13	5	0	0	2	2	1	3					
	3	1019.9	-	11.4	0.5	12.8	94	6.4	0	2	7	7	14	1	0	1	0	0	2	0	8	18	2	0	0	2	10	15	4	3	1	1	2	6	5	3	6					
	9	1020.4	-	12.7	0.8	13.4	91	6.7	0	1	5	8	14	3	0	2	1	0	2	0	7	13	6	0	1	3	7	19	1	4	4	2	3	3	2	0	12					
Whitby Coastguard 66m.	3	1020.9	-	13.8	1.2	13.8	87	6.6	1	0	5	10	14	1	0	1	0	0	1	8	9	11	1	0	0	3	8	14	6	4	4	2	4	0	3	1	7					
	9	1020.7	-	12.5	0.8	13.2	90	6.5	0	3	4	11	10	3	0	2	1	0	0	6	15	7	0	0	1	7	15	8	4	2	1	4	2	2	7							
	15	1020.1	+6.7	14.5	1.5	13.8	83	6.6	0	1	5	14	11	0	0	0	0	2	0	9	12	5	3	0	1	10	14	6	7	6	3	1	2	2	2	2						
	21	1020.4	-	16.1	2.3	14.0	76	6.6	0	2	4	13	12	0	0	0	0	0	1	8	10	6	6	0	0	0	18	12	1	5	5	12	3	1	0	3	1					
	3	1020.5	-	12.7	0.8	13.4	91	6.4	0	3	4	15	9	0	0	0	0	1	3	1	10	9	7	0	0	0	3	25	3	5	7	7	5	0	1	3	0					
	9	1019.3	-	12.4	0.8	13.2	92	6.5	1	0	6	7	16	1	0	1	1	1	1	5	22	0	0	0	0	4	8	16	3	7	5	3	1	2	2	5	3					
Kilnsea 16m.	3	1019.9	+6.0	13.7	1.2	13.6	87	6.5	0	2	4	10	15	0	0	0	0	0	1	13	17	0	0	0	0	6	8	11	6	8	4	5	1	2	0	4	1					
	9	1020.2	-	14.2	1.3	13.8	85	6.3	0	1	10	7	13	0	0	0	0	0	1	0	8	21	1	0	0	6	14	9	2	5	10	7	4	0	0	3	0					
	15	1020.2	-	13.3	1.0	13.5	89	6.7	0	2	4	9	15	1	0	1	0	0	0	1	7	22	0	0	0	4	12	15	0	8	8	4	1	6	0	4	0					
	21	1020.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	3	1019.6	-	11.5	0.7	12.4	90	6.7	0	2	3	13	10	3	1	1	1	0	2	4	10	8	4	0	0	1	4	21	5	7	4	2	1	2	2	5	3					
	9	1019.9	-	14.1	1.7	13.2	82	6.6	0	0	7	13	11	0	0	0	0	0	3	8	15	5	0	0	0	1	10	16	4	9	5	5	1	1	2	2	2					
Lincoln Waddington 69m.	3	1020.0	-	15.9	2.7	13.2	73	6.7	0	1	4	17	8	1	0	0	0	1	0	2	4	11	12	1	0	0	11	18	2	6	10	7	1	1	1	3	0					
	9	1020.3	-	12.7	1.1	12.9	87	6.4	1	3	1	16	10	0	0	0	0	1	5	8	10	6	0	0	0	6	24	1	5	9	6	3	2	3	2	0						
	15	1019.5	-	11.6	0.5	12.9	93	6.0	2	3	3	12	10	1	0	0	0	2	1	2	12	7	6	1	0	1	4	19	7	6	1	1	1	2	5	7						
	21	1020.0	+5.9	15.0	1.8	13.9	81	6.5	0	1	7	11	12	0	0	0	0	1	2	8	15	3	2	0	1	9	21	0	10	8	2	5	1	1	2	2						
	3	1020.2	-	16.2	2.4	14.0	76	6.5	0	1	5	14	11	0	0	0	0	1	2	2	7	12	7	0	0	12	19	0	6	8	9	3	1	1	1	2						
	9	1020.3	-	12.9	0.8	13.5	91	6.4	1	3	2	13	12	0	0	0	0	1	1	13	8	6	2	0	0	5	23	3	10	4	2	4	3	1	3	1						
3 ENGLAND, E.																																										
Norfolk West Raynham 80m.	3	1019.1	-	11.6	0.6	12.7	92	6.1	0	6	1	11	13	0	0	0	0	1	1	3	12	9	4	1	0	1	7	18	5	6	5	1	4	2	5	2	1					
	9	1019.3	+4.9	14.9	1.7	13.9	82	6.5	0	3	3	13	12	0	0	0	0	0	1	12	9	3	6	0	2	11	16	2	9	6	5	2	2	3	2	5	0					
	15	1019.5	-	16.7	2.7	13.9	73	6.5	0	2	6	13	10	0	0	0	0	0	1	5	10	4	11	0	0	0	17	14	0	9	11	0	1	2	1	5	2					
	21	1019.8	-	13.2	1.1	13.4	88	6.3	1	3	4	8	15	0	0	0	0	1	4	7	6	5	8	0	0	0	8	21	2	11	4	4	0	1	1	1	2					
	3	1018.8	-	12.0	0.9	12.7	90	6.3	1	3	3	12	12	0	0	0	0	0	3	8	13	7	0	0	0	3	15	13	4	1	2	4	0	1	4	2						
	9	1019.1	-	15.6	2.3	13.7	77	6.7	0	1	3	16	11	0	0	0	0	0	3	4	12	5	7	0	0	1	11	17	2	8	7	1	2	3	1	3	4					
Coltishall 17m.	3	1019.5	-	16.6	2.9	13.5</																																				

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

JULY,

1968

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.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
																										8 or more	6-7	4-5	1-3	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
																										24 or more	22-33	11-21	1-10	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Number of Observations																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
4 MIDLAND COUNTIES —cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

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

JULY,

1968

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										
																										22-33	11-21	1-10	0											
Number of Observations																																								
7a ENGLAND, N.W.																																								
Cumberland Carlisle	28m.	3	1020.2	-	11.2	0.6	12.4	93	6.0	1	1	6	16	7	0	0	0	0	1	5	7	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		9	1020.6	-	14.4	1.7	13.5	82	6.3	0	1	7	12	11	0	0	0	0	0	4	3	15	7	2	0	0	0	0	6	18	7	3	3	6	0	1	4	3	0	
		15	1020.4	-	17.0	3.0	13.7	71	6.3	0	1	9	9	12	0	0	0	0	0	0	0	10	7	7	7	0	0	1	5	21	4	2	3	9	0	0	0	2	10	
		21	1020.6	-	13.7	1.3	13.4	85	5.6	1	5	5	11	9	0	0	0	0	0	0	0	1	8	13	3	5	0	0	0	4	20	7	2	3	3	9	0	0	4	6
		3	-	-	7.2	0.2	10.0	97	6.4	4	1	2	3	2	19	6	13	0	0	0	1	1	8	5	5	0	2	1	9	15	4	6	8	1	1	2	4	1	4	
Westmorland Great Dun Fell	—	9	-	-	8.4	0.2	10.8	97	7.0	0	1	5	3	6	16	1	14	0	1	0	0	4	5	5	1	1	1	5	6	16	3	4	7	4	0	1	8	3	1	
		15	-	-	10.3	1.0	11.0	88	7.0	0	0	4	9	8	10	1	10	0	0	0	0	2	5	11	2	1	3	12	15	0	3	5	6	0	1	4	10	2		
		21	-	-	8.1	0.4	10.4	95	6.8	2	1	2	5	3	18	4	15	0	0	0	0	2	2	8	0	1	2	11	10	7	1	6	7	0	0	2	4	4		
		3	1020.1	-	12.6	0.9	13.2	90	6.0	1	4	1	18	7	0	0	0	0	0	5	14	6	6	0	0	1	2	11	10	7	1	6	7	0	0	2	4	4		
		9	1020.5	-	15.1	2.1	13.4	78	6.2	0	5	2	14	10	0	0	0	0	2	5	10	6	6	2	0	0	0	11	14	6	3	1	5	2	2	1	7	4		
Lancashire Speke	26m.	15	1020.4	-	17.5	3.2	13.8	69	6.0	0	5	2	20	4	0	0	0	0	1	2	7	6	8	7	0	0	0	9	20	2	1	4	3	0	2	0	8	11		
		21	1020.5	-	14.2	1.5	13.6	83	5.1	1	7	5	11	7	0	0	0	0	0	5	13	7	5	1	0	1	5	23	2	6	7	2	1	0	1	7	5			
		3	1020.1	-	11.9	1.0	12.4	88	6.0	1	4	4	13	9	0	0	0	0	2	3	21	2	3	0	0	0	0	5	17	9	3	4	4	1	2	3	4	1		
		9	1020.4	+6.4	14.6	2.2	12.7	76	6.5	0	2	5	12	12	0	0	0	0	1	2	18	8	2	0	0	0	0	10	20	1	2	3	5	0	4	5	6			
		15	1020.1	-	17.2	3.8	12.4	64	6.2	0	0	12	11	8	0	0	0	0	0	3	9	13	5	1	0	1	11	17	2	2	3	5	0	0	1	12	6			
21	1020.4	-	14.4	2.0	12.9	78	5.1	0	7	6	9	9	0	0	0	0	0	0	3	21	4	3	0	0	0	0	6	23	2	2	8	5	0	1	0	6	7			
7b NORTH WALES																																								
Anglesey Valley	11m.	3	1020.5	-	11.9	0.7	12.8	92	4.9	4	6	3	11	7	0	0	0	0	2	9	2	10	6	0	1	6	19	5	9	7	4	0	2	2	2	0	7			
		9	1021.0	+6.9	15.3	2.0	13.7	79	6.2	0	2	5	19	5	0	0	0	0	1	2	5	7	7	9	0	2	8	18	3	6	0	7	0	0	6	2	0			
		15	1021.0	-	17.2	3.2	13.5	69	5.0	1	6	8	9	7	0	0	0	0	0	0	5	10	5	11	0	2	15	14	0	8	7	1	0	0	4	3	8			
		21	1021.0	-	14.0	1.3	13.7	85	5.0	5	5	1	14	6	0	0	0	0	0	3	10	3	5	10	0	1	4	25	1	9	8	3	0	3	1	2	4			
		3	1020.3	-	12.9	0.7	13.8	93	5.5	2	5	5	6	11	2	0	0	0	1	1	0	5	8	14	2	0	1	9	13	8	11	2	3	1	1	1	4	0		
Caernarvon Bardsey Island	19m.	9	1020.9	-	14.2	1.0	14.5	89	6.5	1	0	5	14	9	2	0	0	1	2	0	0	6	4	12	6	0	1	6	23	1	14	0	6	1	2	2	3	2		
		15	1020.9	-	15.0	1.2	14.8	87	4.7	2	5	8	12	4	0	0	1	0	0	0	5	9	9	7	0	2	9	18	2	23	0	0	0	0	3	1	2			
		21	1020.7	-	13.5	0.8	14.1	91	6.0	3	1	5	10	12	0	0	0	0	0	1	6	9	5	10	0	1	9	17	4	14	2	1	1	2	2	4				
		3	1020.5	-	11.9	0.7	12.8	92	4.9	4	6	3	11	7	0	0	0	0	2	9	2	10	6	0	1	6	19	5	9	7	4	0	2	2	2	0				
		9	1021.0	+6.9	15.3	2.0	13.7	79	6.2	0	2	5	19	5	0	0	0	0	1	2	5	7	7	9	0	2	8	18	3	6	0	7	0	0	6	2				
8a SOUTH WALES																																								
Cardigan Aberporth	134m.	3	1020.3	-	12.5	0.9	13.0	89	5.5	0	9	1	12	8	1	0	1	0	1	0	2	8	9	7	3	0	2	7	15	7	5	2	3	3	4	2	3	2		
		9	1020.8	+6.0	14.6	1.8	13.4	81	5.5	0	6	6	15	3	1	0	1	0	0	2	9	6	5	8	0	1	4	22	4	5	2	5	2	1	0	6	6			
		15	1020.8	-	15.5	1.8	14.3	81	5.1	0	8	6	12	5	0	0	0	0	1	1	9	7	6	7	0	0	9	21	1	9	3	0	2	1	0	8	7			
		21	1020.9	-	13.5	1.1	13.5	87	5.4	1	7	3	12	7	1	0	1	0	0	0	1	11	6	7	5	0	0	6	21	4	8	3	1	1	0	4	6	4		
		3	1020.7	-	12.9	0.7	13.8	93	4.2	6	7	5	5	8	0	0	0	0	0	0	14	9	8	0	0	0	0	6	16	9	7	6	2	0	0	1	2	4		
Pembroke Milford Haven C.B.	39m.	9	1021.1	-	15.7	1.7	14.6	82	5.0	3	5	5	12	6	0	0	0	0	0	13	9	9	0	0	0	0	0	9	17	5	5	3	8	2	0	1	3	4		
		15	1021.1	-	17.9	2.6	15.4	75	5.2	0	3	15	7	6	0	0	0	0	0	0	13	9	9	0	0	0	0	12	19	0	7	2	1	2	1	7	5	6		
		21	1020.9	-	14.3	1.0	14.5	88	4.7	3	5	7	12	4	0	0	0	0	0	17	8	6	0	0	0	0	6	23	2	15	3	1	0	0	6	4				
		3	1019.9	-	13.8	1.2	13.7	86	4.8	5	5	5	5	11	0	0	0	0	0	8	12	8	3	0	0	0	8	23	0	10	7	4	0	2	3	5				
		9	1020.6	-	15.7	2.2	13.7	77	5.1	2	3	8	13	5	0	0	0	0	0	12	12	6	1	0	0	11	20	0	4	4	9	1	0	6	4	3				
Glamorgan Mumbles	37m.	15	1020.4	-	16.8	2.5	14.4	75	5.8	0	3	8	14	6	0	0	0	0	0	14	8	4	5	0	0	19	11	1	2	1	4	0	3	7	11	2				
		21	1020.2	-	15.7	2.2	13.8	77	5.2	0	6	7	13	5	0	0	0	0	0	1	11	11	4	4	0	1	9	19	2	6	2	3	0	0	2	9	7			
		3	1019.9	-	12.8	0.8	13.5	91	5.4	4	2	6	11	8	0	0	0	0	1	2	9	12	4	3	0	0	7	19	5	2	8	2	1	0	2	6	6			
		9	1020.6	+5.0	15.5	2.1	13.8	78	5.9	0	5	6	16	4	0	0	0	0	1	2	9	6	8	5	0	0	9	21	1	3	7	5	2	1	3	6	3			
		15	1020.1	-	17.6	2.9	14.5	72	5.4	0	6	6	15	4	0	0	0	0	0	1	6	10	8	6	0	1	16	14	0	2	3	6	4	0	2	13	1			
21	1020.3	-	14.4	1.3	14.1	86	4.6	2	6	9	10	4	0	0	0	0	0	2	9	10	6	4	0	0	0	6	22	3	1	7	3	1	0	0	13	3				
8b ENGLAND, S.W.																																								
Somerset Yeovilton	23m.	3	1020.2	-	12.3	0.8	13.1	91	4.2	5	7	5	7	6	1	0	1	0	2	0	8	18	2	0	0	0	0	1	13	17	1	3	1	0	1	4	3			
		9	1020.7	-	16.0	2.4	13.8	76	5.8	0	2	10	11	8	0	0	0	0	1	2	19	6	3	0	0	0	0	9	20	2	4	4	2	0	4	3	4	8		
		15	1020.1	-	19.4	4.3	13.9	62	5.9	0	1	9	19	2	0	0	0	0	0	2	12	11	6	0	0	0	14													

TABLE VIII—NUMBER OF DAYS IN JULY, 1968
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	0-1 to 5-0	5-1 to 10-0	10-1 to 15-0	15-1 to 20-0	20-1 to 25-0	25-1 to 30-0	Above 30-0
Lerwick	0	0	0	24	7	0	0	0	Edgbaston	0	0	0	1	22	7	1	0
Stornoway	0	0	0	14	17	0	0	0	Kew	0	0	0	0	14	15	1	0
Craibstone	0	0	0	16	14	1	0	0	Hastings	0	0	0	0	26	4	1	0
Rothsay	0	0	0	5	23	3	0	0	Southampton	0	0	0	0	13	17	1	0
Abbotsinch	0	0	0	2	20	9	0	0	Stonyhurst	0	0	0	2	20	9	0	0
Eskdalemuir	0	0	0	7	24	0	0	0	Bidston	0	0	0	25	4	2	0	0
Douglas	0	0	0	6	24	1	0	0	Valley	0	0	0	2	22	7	0	0
Ackington	0	0	0	12	19	0	0	0	Falmouth	0	0	0	0	24	7	0	0
Gorleston	0	0	0	2	25	3	1	0	Aldergrove	0	0	0	1	26	4	0	0
Cambridge	0	0	0	0	22	7	1	1	Armagh	0	0	0	1	22	8	0	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, JULY, 1968

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	767	1	85	2	430.2	31	387	24	85	2	285.6	31	847	1	103	2	473.9	31
Eskdalemuir	762	5	91	8	354.3	28	375	13	88	8	252.4	28	794	5	97	8	374.4	28
Cambridge	798	3	76	10	419.3	31	389	6	71	10	279.3	31	-	-	-	-	-	-
London/ W Centre	692	1	51	10	404.9	28	367	13	47	10	261.1	28	682	1	62	10	420.3	28
Kew	703	3	62	10	397.7	31	405	13	63	10	277.3	31	850	1	86	10	474.3	31
Bracknell	692	1	64	10	419.0	28	381	12	65	10	286.6	28	849	1	89	10	504.5	28
Aberporth	835	3	61	2	549.4	30	396	18	61	2	289.9	30	-	-	-	-	-	-
Aldergrove																		

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	No. of Records	Mean Hourly Wind Speed in knots		HIGHEST HOURLY WIND		HIGHEST GUST		Day and Time	
						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	November	Wick	45	10	10					314		68									
	November	Eskdalemuir	251	15	11					162	187										
	November	Leeming	42	10	10					222	315	160									
	November	Elmdon	105	9	9						383	95									
	November	Heathrow	35	10	10					159	495	65									
	November	Moor House	597	15	14																
	November	Ringway	80	10	10						347	199									
	November	Mount Batten	64	13	13						297	289	99								
	December	Leeming	42	10	10					25	323										
	December	Elmdon	105	9	9						355	66									
	December	Boscombe Down	130	16	16							275	72								
	December	Thorney Island	16	10	10						296	284	148								
	December	Rhoose	78	11	10						291	331									
	December	Mount Batten	64	13	13						318	246									
	January	Sheffield	162	25	11	-		0 6	23	179	307	235	0	7.5	230	29	14	21	250	62	15 0050
	February	Kirkwall	41	15	10	1,4		10 12	52	335	223	76	0	12.4	160	43	4	11	160	67	4 1020
	February	Shin	24	10	10	-		0 0	0	73	282	341	0	4.3	180	19	28	14	-	39	4 0155
	February	Corpach	23	15	12	β															
	February	Kinloss	17	13	13						368	99									
	February	Bell Rock	39	40	38	1,4		12 8	49	307	260	68	0	11.9	260	39	1	01	250	53	1 0005
	February	Turnhouse	42	12	10						385	197									
	February	Sheffield	162	25	11	-		0 0	0	27	249	409	11	3.3	240	17	1	13	180	38	4 1340
	February	Amersham	152	15	15	-		0 1	4	87	456	140	9	6.8	180	22	4	18	180	40	4 1700
	February	Heathrow	35	10	10						243	391									
	February	Thorney Island	16	10	10						290	289									
	February	Ringway	80	10	10						176	301									
	February	Belfast Harbour	21	18	18	-		0 3	11	274	259	152	0	9.0	180	26	4	07	180	38	4 0720
	February	Glenanne	144	10	10	-		0 2	2	229	220	245	0	7.3	180	22	4	10	170	43	4 0800
	March	Kinloss	17	13	13						355	206									
	March	Forth Road Bridge	72	9	72	β															
	March	Lowther Hill	736	13	10	*															
	March	Prestwick	21	10	10						345	92									
	March	Amersham	152	15	15	-		0 5	36	197	395	44	72	10.0	[350	28	6	19]	[350	57	6 1300]
	March	Dalcross	21	10	10	-		0 6	42	341	258	91	12	10.8	210	29	16	11	210	45	16 1045
	March	Sheffield	162	25	11	-		0 4	12	216	245	271	0	7.4	340	27	6	18	340	58	6 1730

* Defective Record β Incomplete Record

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				Difference from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	121 cm.	Total fall (mm.)	Percentage of 1931-60 average	MOST IN A DAY		Precip'n		Snow or Sleet	Snow lying at Wbr.	Hail	Ice Pellets etc.	Thunder heard	Fog at Wbr.	Air Frost	Grass mts. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Maximum		Date	Minimum	Date	Amount (mm.)					Date	0.2 mm. or more	1.0 mm. or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1968	February	Sloy	21-9	12												(16)	4																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 8

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



August 1968 — *Dull and wet in the south-east, sunny in Scotland and Northern Ireland.*

Weather was mainly cyclonic in character in the south and east on the 1st—11th and in most districts on the 12th—21st, otherwise it was dominated by anticyclones chiefly over the northern part of the country.

The first five days were fine and warm in northern and western districts as an anticyclone drifted slowly from south-west England to become centred off the north of Scotland by the 5th. In east and south-east England, however, weather was dull and cool with north to north-east winds and occasional thundery rain.

A depression over north-east France brought rain, locally heavy, to south-east England on the 6th, and this rain spread over much of the southern half of England on the 7th—9th bringing the first rain to many south-western districts for about three weeks. The 10th and 11th were dry, sunny days followed by widespread fog at night. However, anticyclones were still situated to the north and west of the British Isles and weather in Scotland and Northern Ireland continued generally fine and warm until the 11th.

The weather pattern changed on the 12th as a deepening complex depression approached western Ireland. This depression moved across northern England on the 13th bringing to most districts periods of heavy rain accompanied by thunder in places. Northerly winds spread over the country on the 14th as the depression moved eastwards, and temperature everywhere fell sharply. From then until the 17th a complex low pressure system covered the British Isles and adjacent sea areas. As this system moved slowly eastwards rain, heavy at times, alternated with showery periods. There were also local thunderstorms.

The 18th was a generally sunny day as a ridge of high pressure moved from the west of Ireland to join an area of rising pressure in western Europe. A trough of low pressure moving north-eastwards on the 19th brought rain to most districts and there were particularly heavy falls in the north-west. With the return of south-westerly winds temperatures on the 20th rose a little above average generally. Further troughs brought some rain to western and northern districts on the 20th and 21st.

By the 22nd high pressure extended from the Azores to Scandinavia and weather became mainly dry and rather warm for about a week. The warmest days were the 22nd and 23rd when temperatures rose to 28°C at places as far apart as Ross-on-Wye and Cleethorpes. From the 24th an anticyclone lay to the north of Scotland and north-easterly winds brought cooler weather with some drizzle to north-eastern coastal areas.

The warm dry spell ended on the 27th as thunderstorms developed in south-east England. During the next two days temperatures were again below average in a general north-easterly airstream associated with low pressure over France. Rain from a deep depression south of Iceland reached north-western districts on the 30th and spread over the remainder of the country on the 31st.

Pressure and Wind — Mean pressure was considerably above the 1931-60 average in Scotland and northern England but slightly below average in south-east England. The deviation at 0900 GMT ranged from +6.0 mb at Kinloss to -1.1 mb at Eastbourne. Surface winds were mainly light and variable in the north on the 1st—12th and 23rd—29th but were mainly north-easterly in the east and south of the country during these periods. North-westerlies predominated on the 13th—18th and south-westerlies on the 19th—22nd and 30th—31st. Wind reached gale force on the 14th and 15th in the English Channel and on the 30th in the Hebrides when a gust of 54 kt was recorded at Stornoway.

Temperature — Maximum temperatures were slightly above the average in western and northern districts but below average in the east

and south. The third week was the coldest over much of the country. Air frost was reported at some upland places in Scotland. Temperature was above average for most of the fourth week, the warmest days being the 22nd and 23rd.

Extremes included: (England and Wales) 29.4°C at West Camel on the 23rd, 0.6°C at Kielder Castle on the 10th and 19th; (Scotland) 25.6°C at Kelso on the 23rd and at Glenlee and Dinnet on the 27th, -0.6°C at Cairngorm on the 18th, at Carnwath on the 10th and 19th and Glen Etive on the 19th; (Northern Ireland) 24.5°C at Strabane Convent on the 4th, 1.8°C at Loughermore Forest on the 4th.

Rainfall — Practically the whole of north-west Scotland and large areas in south and east Scotland and in northern England as well as parts of Wales and south-west England had less than half their average rainfall. But in east and south-east England and in the east Midlands, rainfall was above average; it was 150—200 per cent of average over much of East Anglia.

Snow fell on the Cairngorms during the third week.

Thunder was heard on 10 days in Scotland and on 17 days in England and Wales. Thunderstorms were reported mainly during the first and third weeks and were widespread on the 16th and 17th.

Sunshine — One of the notable features of the month was the great difference in sunshine duration between the north-west and south-east. Sunshine was above average over the whole of Scotland and Northern Ireland except in Zetland and a small part of south-east Scotland; it was more than 150 per cent of the average in parts of Western Scotland where it was the sunniest August for over 20 years. On the other hand many parts of eastern and southern England had only 60—70 per cent of their average sunshine. Gorleston had its dullest August since records began in 1906.

Fog — Localized fog at 0900 GMT was reported on 10 days in Scotland and on 19 days in England and Wales. Sea fog patches affected eastern coastal areas during the first week and overnight fog was fairly widespread in southern England on the 10th—12th and 21st—24th but cleared quickly during the morning.

Miscellaneous Phenomena — The aurora was visible on three nights.

TABLE I—DISTRICT VALUES, AUGUST, 1968

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C.		RAIN DAYS	RAIN-FALL	SUN-SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 100 cm.			
	Difference from Average									
0 SCOTLAND, N.	22.8	2.9	+0.1	-1.1	-0.5	-0.5	-0.5	-8	52	128
1 SCOTLAND, E.	22.8	2.8	-0.7	-0.4	-0.5	0.0	-0.1	-5	47	120
2 ENGLAND, N.E.	27.8	4.8	-1.5	+0.1	-0.7	-0.1	-0.2	0	78	74
3 ENGLAND, E.	26.7	6.7	-1.9	+0.1	-0.8	-0.9	-0.7	+1	161	64
4 MIDLANDS	28.3	5.6	-1.5	+0.1	-0.7	-0.5	-0.3	+1	107	74
5 ENGLAND, S.E.	27.1	5.6	-1.3	+0.5	-0.4	-1.1	-0.9	+1	107	66
6 SCOTLAND, W.	22.8	1.7	+0.1	-0.6	-0.2	+0.1	-0.3	-8	68	129
7 ENGLAND, N.W. and N. Wales	26.2	5.6	+0.1	0.0	0.0	-0.1	-0.2	-6	61	109
8 ENGLAND, S.W. and S. Wales	28.3	6.1	-0.6	+0.3	-0.1	-0.3	-0.1	-1	70	66
N. IRELAND	23.9	2.2	+1.1	-1.6	-0.2	-	-	-6	73	144
SCOTLAND	22.8	1.7	-0.2	-0.7	-0.4	-	-	-7	57	126
ENG. and WALES	28.3	4.8	-1.1	+0.2	-0.5	-	-	-1	92	75

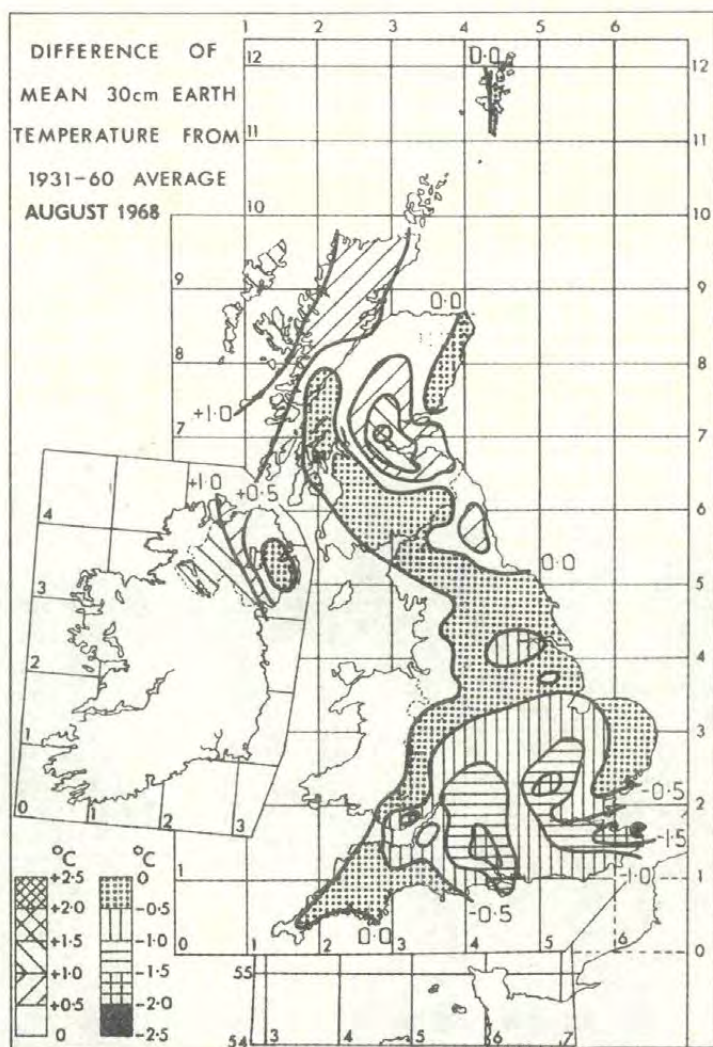
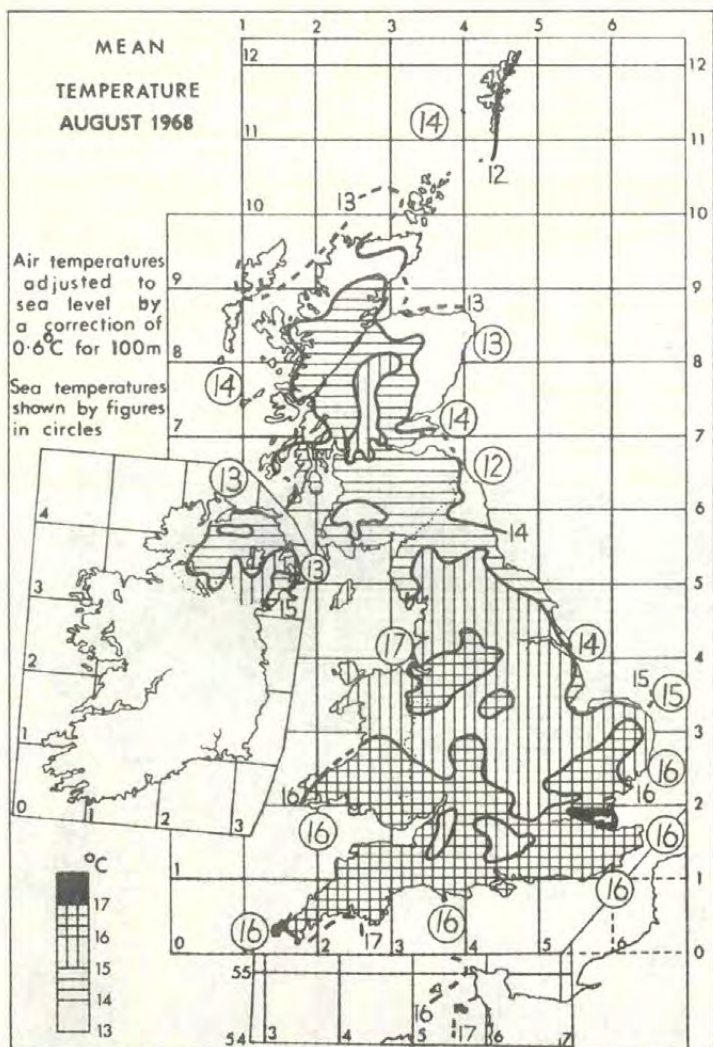
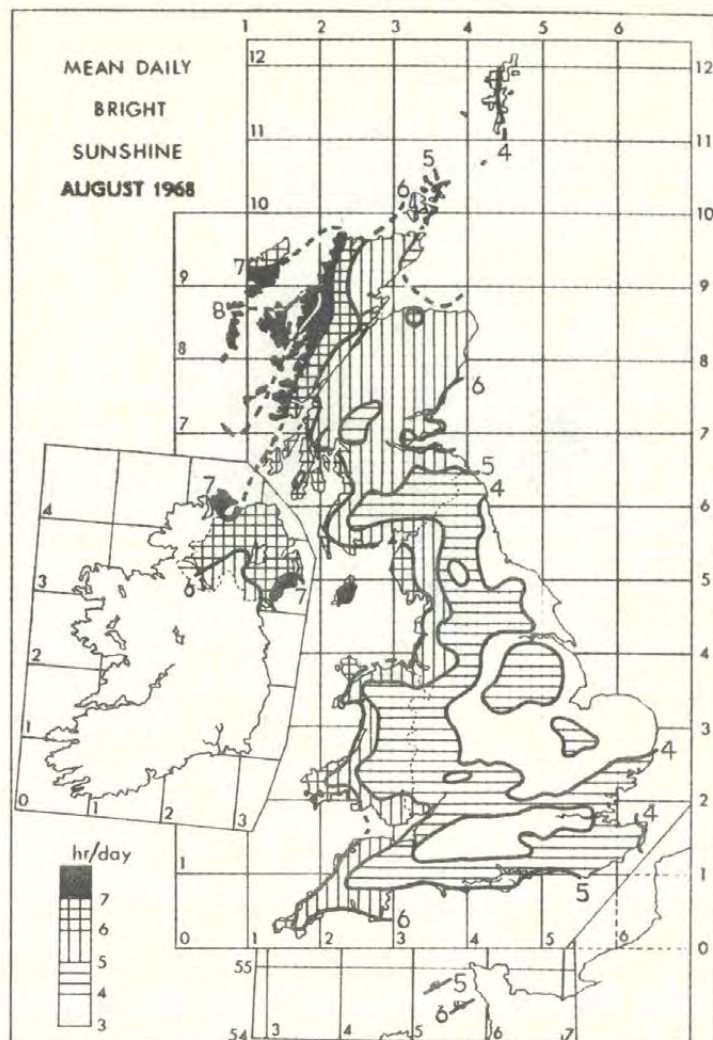
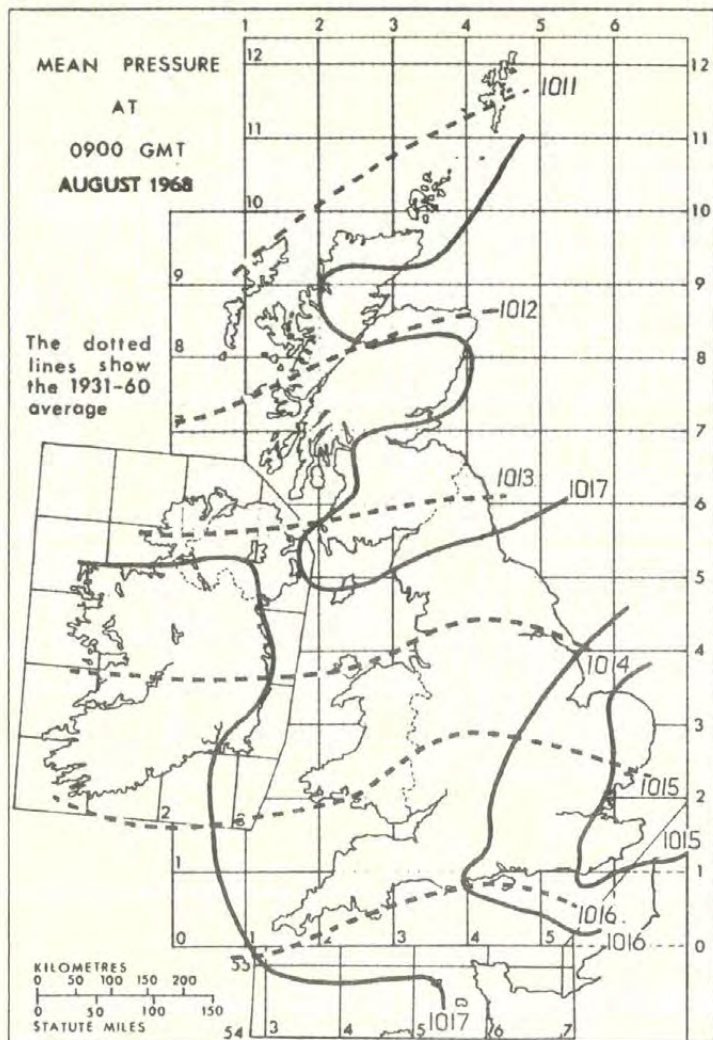
*Highest Max. and Lowest Min. of the District Value Stations.

Meteorological Office: Dr. B. J. Mason, F.R.S., Director-General

FH3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— AUGUST, 1968

DISTRICT COUNTY AND PLACE		HEIGHT OF V. 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	-	0	3	14	196	414	120	0	8.3	150	24	20	05	150	38	20	0405	
	Orkney	Kirkwall	41	15	10	-	0	2	6	193	401	144	0	7.7	150	23	20	01	160	35	20	0335	
	Caithness	Dounreay	34	12	9	-	0	0	0	213	388	143	0	7.9	190	21	30	15	210	35	30	1355	
		Wick	45	10	10	-	0	0	0	213	388	143	0	7.9	190	21	30	15	210	35	30	1355	
	Sutherland	Shin	24	10	10	-	0	0	0	213	388	143	0	7.9	190	21	30	15	210	35	30	1355	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	21,30	11	6	79	257	243	154	0	10.8	190	40	30	15	190	54	30	1445	
		Duirinish	38	20	17	-	0	1	1	133	457	128	25	7.1	330	23	17	23	340	39	17	2150	
	Inverness	Benbecula	16	10	10	-	0	8	41	253	333	117	0	9.8	350	28	17	18	350	40	17	1735	
		Corpach	23	15	12	-	0	1	1	162	290	289	2	6.4	200	22	20	11	200	36	20	1020	
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	80	365	280	19	5.2	220	17	30	11	220	30	30	1140	
		Dalcross	21	10	10	-	0	1	2	112	348	282	0	5.7	220	23	20	16	230	35	20	1410	
		Cairngorm	1074	9	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
1	Moray	Kinloss	17	13	13	-	0	3	6	193	406	139	0	7.7	250	26	20	16	220	40	22	1255	
		Lossiemouth	31	24	18	-	0	2	5	129	432	178	0	7.2	330	25	18	02	310	39	18	0105	
	Aberdeen	Dyce	71	9	9	-	0	0	0	174	375	195	0	7.3	210	19	20	11	350	30	14	0915	
	Angus	Bell Rock	39	40	38	-	0	6	34	342	170	198	0	9.6	050	26	13	20	070	32	13	1725	
	Perth	Rannoch	307	17	17	-	0	0	0	20	344	376	4	3.6	160	15	22	11	140	29	22	1330	
		Tummel Bridge	161	16	16	-	0	0	0	212	395	137	0	7.9	240	21	20	13	240	35	20	1240	
	Fife	Leuchars	24	12	12	-	0	0	0	212	395	137	0	7.9	240	21	20	13	240	35	20	1240	
	West Lothian	Forth Road Bridge...	72	9	72	-	0	2	5	293	335	73	38	9.8	250	23	18	16	240	34	20	0835	
	Midlothian	Turnhouse	42	12	10	-	0	0	0	144	481	119	0	7.2	240	19	20	16	220	32	20	1100	
6a	Argyll	Tiree	27	18	14	-	0	7	49	265	230	200	0	9.3	300	29	17	18	290	44	17	1650	
	Dunbarton	Cumbernauld	166	10	10	-	0	0	0	213	478	52	1	8.7	230	20	20	12	200	32	22	1345	
	Renfrew	Paisley	57	25	9	-	0	0	0	46	395	303	0	4.9	160	17	22	13	200	35	22	1210	
		Abbotsinch	16	10	10	-	0	0	0	102	468	174	0	6.6	190	17	22	13	200	28	30	1255	
	Lanark	Lowther Hill	736	13	10	18	4	14	68	354	234	65	19	12.4	300	40	18	04	300	50	18	0245	
	Ayr	Hunterston	13	9	9	-	0	0	0	152	316	276	0	6.5	290	20	18	16	180	27	22	1050	
		Prestwick	21	10	10	-	0	0	0	151	395	198	0	6.8	200	19	22	14	200	30	22	1100	
	Dumfries	Chapelcross	94	15	15	-	0	0	0	151	395	198	0	6.8	200	19	22	14	200	30	22	1100	
		Eskdalemuir	250	10	10	-	0	1	1	175	391	177	0	7.4	210	22	21	20	210	34	21	1925	
	Wigtown	West Freugh	25	10	10	-	0	0	0	152	401	191	0	7.0	200	17	22	09	200	30	22	0820	
6b	Isle of Man	Ronaldsway	25	10	10	-	0	1	5	257	384	98	0	8.9	200	24	19	20	200	33	19	1925	
		Point of Ayre	20	10	10	-	0	4	6	416	292	30	0	11.4	150	25	19	12	150	37	19	1200	
2	Durham	Durham	119	16	10	-	0	0	0	108	413	210	13	6.1	060	16	7	13	040	35	14	0355	
		South Shields	22	17	13	-	0	1	3	264	335	142	0	8.5	350	24	14	03	360	35	14	0245	
	Yorks, N.R.	Leeming	42	10	10	-	0	4	12	229	375	128	0	8.6	250	26	20	15	310	42	18	0720	
		Middlesbrough	23	19	19	-	0	3	15	456	218	55	0	12.0	360	28	14	05	360	37	14	0500	
		Silpho Moor...	207	15	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Yorks, E.R.	Leconfield	18	10	10	-	0	4	17	281	328	106	12	9.7	030	25	7	17	030	36	7	1825	
	Lincoln	Cranwell	76	12	12	-	0	0	0	54	551	139	0	6.1	290	14	18	15	020	27	7	1605	
		Binbrook	118	10	10	-	0	1	1	393	298	52	0	10.9	020	22	7	05	010	35	7	1750	
		Manby	26	10	10	-	0	0	0	385	304	55	0	10.6	010	21	7	18	360	34	14	0755	
3	Norfolk	Gorleston	16	13	13	-	0	4	23	449	225	44	3	12.1	360	27	29	19	350	38	29	1355	
	Suffolk	Mildenhall	30	25	18	-	0	0	0	120	497	127	0	7.0	280	17	18	15	280	32	18	1415	
	Bedford	Bedford	98	13	9	-	0	2	2	424	272	46	0	11.3	020	23	6	11	010	35	7	1030	
		Cardington	69	41	41	-	0	1	1	396	306	41	0	10.8	270	22	13	16	270	32	13	1505	
	Hertford	Garston	94	15	10	-	0	0	0	51	536	157	0	6.2	360	16	6	24	360	29	7	1725	
		Rothamsted	141	13	10	-	0	0	0	68	525	151	0	6.5	010	13	8	01	020	31	29	1140	
	Essex	Stansted	107	9	9	-	0	0	0	215	441	88	0	8.2	340	16	7	18	340	28	7	1730	
		Coryton	20	17	15	-	0	0	0	76	508	108	52	6.4	260	16	13	16	290	35	18	1540	
		Shoeburyness	36	32	28	-	0	5	12	520	206	6	0	12.7	190	26	15	19	190	36	15	1835	
4	Yorks, W.R.	Sheffield	162	25	11	-	0	1	2	260	357	95	30	8.9	010	23	7	14	020	35	8	1355	
		Church Fenton	18	10	10	-	0	0	0	94	609	41	0	7.3	020	15	6	11	320	30	17	1145	
	Warwick	Edgbaston	196	30	22	-	0	0	0	279	408	57	0	9.2	270	19	13	14	330	34	18	1500	
		Elmdon	105	9	9	-	0	0	0	209	472	54	9	8.5	010	18	7	24	010	38	8	0330	
	Buckingham	Amersham	152	15	15	-	0	0	0	26	466	252	0	5.0	300	14	18	16	300	33	18	1540	
	Stafford	Keele	215	15	10	-	0	0	0	231	390	123	0	8.3	280	19	13	13	290	30	18	1525	
	Worcester	Pershore	47	10	10	-	0	0	0	364	354	26	0	10.3	360	20	7	18	2				

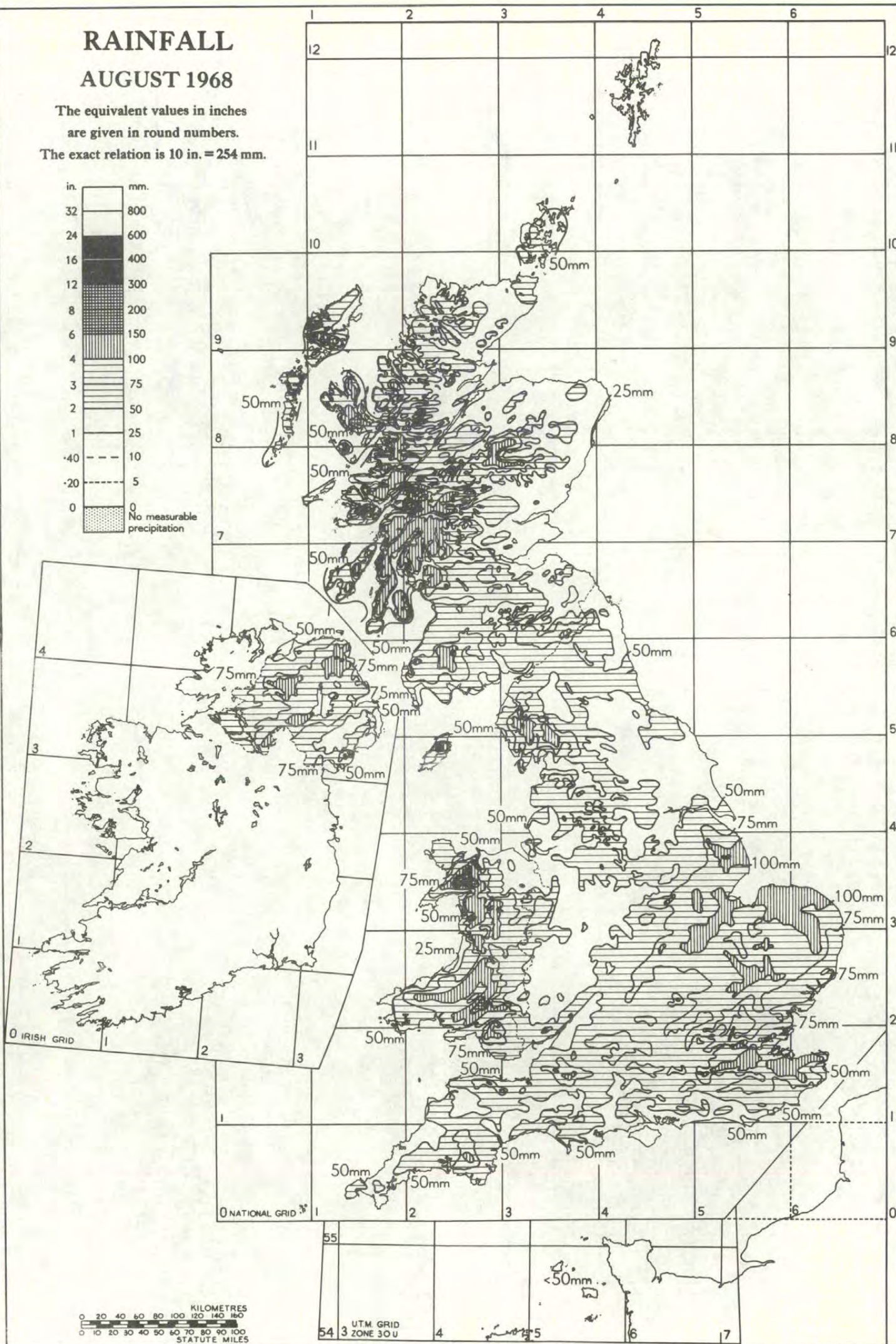
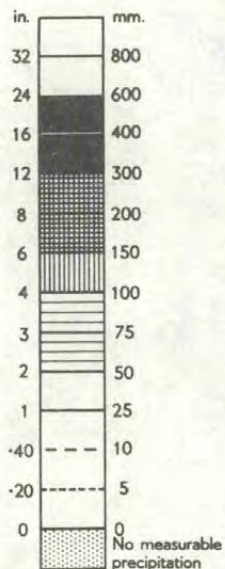


RAINFALL

AUGUST 1968

The equivalent values in inches
are given in round numbers.

The exact relation is 10 in. = 254 mm.



- Younger Botanic Gardens

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1968

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				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	Concrete min. below +°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
			Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																					
6b ISLE OF MAN																															
Ronaldsway ...	21-9	17	18.5	11.2	14.9	-	22.5	5	6.6	19	-	-	41	55	12	19	9	7	0	0	0	0	0	0	0	0	0	6.76	-	-	-
Douglas ...	9 9	87	17.7	11.7	(14.7) (+0.1)	-	22.8	27	7.8	18	-	-	65	66	20	19	10	8	0	0	0	0	1	0	0	0	0	7.00	120	-	-
Point of Ayre ...	21-9	9	18.5	12.1	15.3	-	22.4	20	6.6	17	-	-	51	75	18	15	7	5	0	0	0	0	1	0	0	0	0	6.82	-	-	-
2 ENGLAND, N.E.																															
Northumberland																															
Kielder Castle ...	9 9	201	17.5	8.0	12.7	-	23.9	23	0.6	10, 19	14.6	-	65	55	29	13	11	8	0	0	1	0	1	1	0	1	0	-	-	-	-
Haydon Bridge ...	9 9	79	18.1	9.6	13.9	-	24.4	23	3.9	19	16.1	15.2	63	-	23	13	15	9	0	0	0	0	1	0	0	0	0	0	-	-	-
Corbridge ...	9 9	49	18.2	9.9	14.1	-	26.1	23	3.9	10	-	-	67	-	39	13	13	7	0	0	0	0	2	0	0	0	0	0	-	-	-
Berwick-on-Tweed †	9 9	23	16.4	11.0	13.7	-0.5	22.8	22, 23	5.6	19	-	-	25	36	8	13	11	5	0	0	0	0	0	0	0	0	0	5.28	106	-	-
Cockle Park ...	9 9	99	-	-	-	-	-	-	-	-	-	-	31	41	7	19	15	6	-	-	-	-	-	-	-	-	-	-	-	-	-
Acklington ...	21-9	42	16.7	10.2	13.5	-0.6	25.0	22	4.8	10	-	-	36	51	13	13	12	8	0	0	0	0	1	1	0	0	0	0	3.94	-	-
Tynemouth ...	21-9	29	15.8	11.9	13.9	-1.0	25.3	22	7.6	15	-	-	60	78	21	13	17	9	0	0	0	0	2	1	0	0	0	0	3.88	82	-
Seahouses ...	21-9	11	16.1	11.2	13.7	-	24.6	22	5.8	19	-	-	23	-	6	19	13	5	0	0	0	0	1	1	0	0	0	0	4.91	-	-
Durham																															
Chopwellwood ...	9 9	136	17.2	10.6	13.9	-0.8	25.0	22, 23	5.6	19	-	-	55	70	24	13	18	12	0	0	0	0	0	1	0	0	0	0	-	-	-
Ushaw College ...	9 9	181	17.3	10.3	(13.8) (-0.8)	-	23.9	22	5.6	15	-	-	-	-	12	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Houghall ...	9 9	37	17.8	10.7	14.3	-0.5	26.7	22	4.4	19	-	-	35	48	13	13	18	10	0	0	0	0	0	0	0	0	0	0	3.55	77	-
Durham	9 9	102	17.8	10.7	14.3	-0.6	25.0	23	5.6	15	15.9	14.1	42	61	12	13	18	12	-	-	-	-	2	0	0	0	-	0	3.32	70	-
Hartlepool ...	9 9	9	17.5	11.9	14.7	-	27.2	22	6.7	15, 19	-	-	58	85	30	13	15	11	0	0	0	0	0	1	0	-	0	3.52	-	-	-
Yorks., N. Riding																															
Thirsk ...	9 9	34	19.4	10.8	15.1	-	28.1	22	3.3	19	-	-	34	-	7	13	13	8	0	0	0	0	2	0	0	0	0	0	-	-	-
Leeming ...	21-9	32	18.5	11.5	15.0	-	26.8	22	6.3	19	-	-	36	-	11	13	10	8	0	0	1	0	1	0	0	0	0	0	4.01	-	-
York (Heslington)	9 9	20	18.9	11.3	15.1	-	27.2	22	4.4	19	16.1	14.9	45	-	12	19	10	9	-	-	-	-	1	0	0	-	0	4.45	-	-	-
Ampleforth ...	9 9	95	18.2	11.2	14.7	-0.4	26.1	22, 23	7.2	15	-	-	36	46	10	13	10	6	0	-	0	0	1	2	0	0	0	0	4.69	95	-
Redcar ...	9 9	8	17.6	12.0	14.8	-	28.3	22	7.8	18	-	-	54	81	27	13	18	10	-	-	-	-	0	0	0	-	0	3.12	-	-	-
Pickering ...	9 9	44	18.7	10.8	14.7	-	27.3	22	2.8	19	-	-	29	-	10	15	11	7	0	0	0	0	1	0	0	1	0	0	-	-	-
Whitby ...	9 9	41	-	-	-	-	-	-	-	-	-	-	40	57	9	13	15	11	0	0	0	0	0	6	-	-	0	3.61	71	-	
Scarborough ...	9 9	36	17.4	12.1	14.7	-1.2	26.1	22	7.8	19	16.7	14.5	30	46	11	15	10	5	0	0	0	0	0	2	0	0	0	0	3.65	71	-
Silpho Moor ...	9 9	203	16.5	10.3	13.4	-	26.1	22	6.1	19	13.8	-	50	58	12	13	19	10	0	0	0	0	0	0	5	0	0	0	3.81	-	-
Whitby C'Guard	21-9	63	16.3	9.8	13.1	-	26.7	22	4.9	19	-	-	28	-	7	13	12	7	0	0	0	0	0	3	0	0	0	1	-	-	-
Yorks., E. Riding																															
High Mowthorpe	9 9	175	17.6	10.8	(14.4)	-	26.1	22	5.6	19, 30	14.8	-	44	55	19	15	13	6	-	-	-	-	1	0	0	-	0	3.69	-	-	-
Hull ...	9 9	2	19.3	12.3	15.8	-0.7	27.8	22	7.8	19	16.1	13.8	54	82	7	19	14	12	0	0	0	0	3	1	0	0	0	0	3.87	74	-
Leconfield ...	21-9	7	18.9	11.6	15.3	-	26.9	22	6.8	30	-	-	36	-	11	19	14	10	0	0	0	0	1	1	0	0	0	0	3.85	-	-
Filey ...	9 9	37	16.4	11.7	14.1	-	24.4	22	4.4	19	-	-	40	60	20	15	10	5	0	0	0	0	0	1	0	0	0	0	3.55	-	-
Bridlington	9 9	48	16.6	11.2	13.9	-1.0	22.2	20	5.0	19	-	-	38	57	11	15	14	7	0	0	0	0	1	3	0	0	0	0	3.56	65	-
Kilnsea ...	21-9	12	16.6	12.2	14.4	-	22.0	21	8.5	30	-	-	50	-	20	8	13	8	0	0	0	0	2	5	0	-	5	3.93	-	-	-
Lincoln																															
Waddington ...	21-9	68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lincoln ...	9 9	7	19.3	11.0	15.1	-	27.2	22	5.6	15, 19	16.3	14.7	62	107	15	8	16	13	0	0	0	0	2	1	0	0	0	0	4.65	-	-
Cranwell	9 9	62	18.9	11.5	15.2	-0.8	26.3	22	7.2	15	16.3	15.2	77	140	27	8	14	11	0	0	0	0	1	1	0	0	0	0	4.34	77	-
Brigg ...	9 9	3	19.7	11.4	15.5	-	27.8	22	5.6	19	-	-	57	-	10	19	13	10	0	0	0	0	3	0	0	0	0	0	-	-	-
Caistor ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Binbrook ...	21-9	108	17.9	11.6	14.7	-	26.6	22	6.0	19	-	-	86	-	18	13	13	12	0	0	0	0	3	2	0	0	0	0	-	-	-
Cleethorpes ...	9 9	7	18.5	12.3	15.4	-0.8	28.3	22	6.7	19	-	-	63	116	14	28	15	13	-	-	-	-	1	0	0	-	0	3.93	70	-	
Manby ...	21-9	17	18.2	11.7	14.9	-	26.5	22	5.																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1968

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 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date						0.2 mm. or more	1.0 mm. or more															
4 MIDLAND COUNTIES																																	
Yorks., W. Riding	Slaidburn ...	99	192	18.3	10.3	14.3	-	23.9	23	6.7	15,19	-	-	61	41	37	19	12	9	0	0	0	0	0	0	0	0	0	0	5.74	-	-	
	Malham Tarn ...	99	395	16.3	9.3	12.8	-	23.3	23	4.4	18	13.9	-	59	41	27	19	12	8	0	0	0	0	0	0	0	0	0	0	4.75	-	-	
Huddersfield	...	99	99	18.8	11.4	15.1	-	26.1	22	7.8	19	15.6	14.2	48	70	9	19	11	10	-	0	0	0	0	0	0	0	0	0	3.38	74	-	
	" Oakes	21-9	235	18.5	10.7	14.6	-	27.5	22	6.8	16	15.0	12.8	64	78	15	15	14	11	0	0	0	0	0	0	0	0	0	0	4.04	85	-	
Bradford	... €	99	124	18.3	11.3	14.8	-0.4	26.1	22	7.8	19	15.4	14.1	50	64	15	19	10	7	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Ilkley ...	99	96	18.4	11.2	14.8	-0.5	26.7	22	5.6	15	-	-	60	70	17	19	8	8	0	0	0	0	0	0	0	0	0	0	4.18	86	-	
Sheffield	... €	99	131	19.4	11.8	15.6	-0.4	27.2	22	8.3	12,18,19	15.6	14.2	42	59	9	16	12	9	0	0	0	0	0	0	0	0	0	0	3.22	67	-	
	Pontefract	99	78	19.1	11.3	15.2	-0.3	26.7	22	6.7	19	-	-	51	81	10	19	12	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
Bramham	... €	99	54	18.9	10.5	14.7	-	27.2	22	4.4	19	-	-	62	89	15	19	10	9	0	0	0	0	0	0	0	0	0	0	4.12	-	-	
	Cawood ...	99	6	19.7	11.1	15.4	-	27.2	22	6.1	19	16.0	14.9	53	82	12	19	11	9	0	0	0	0	0	0	0	0	0	0	4.14	-	-	
Askham Bryan	... €	99	34	19.5	10.8	15.1	-	27.8	22	6.1	16,19	-	-	57	84	15	19	10	8	0	0	0	0	0	0	0	0	0	0	4.38	90	-	
	Buxton ... €	99	307	17.2	10.8	14.0	0.0	25.0	22	7.2	4,15,19	14.7	13.8	49	47	14	19	9	0	0	0	0	0	0	0	0	0	0	0	4.72	103	-	
Ashover	... €	99	186	18.1	10.9	14.5	-	25.0	22	5.6	19	-	-	63	-	24	16	10	9	0	0	0	0	0	0	0	0	0	0	4.45	-	-	
	Derby ...	99	48	19.9	11.9	15.9	-	27.2	22	6.7	15	-	-	48	72	15	16	12	9	0	0	0	0	0	0	0	0	0	0	4.38	-	-	
Morley ...	... €	99	107	19.3	11.3	15.3	-	26.7	22	6.7	15,19	-	-	50	72	15	17	12	8	-	-	-	-	-	-	-	-	-	0	5.16	-	-
	Sutton Bonington	99	48	19.6	11.6	15.6	-0.3	26.1	22,23	5.0	15,19	15.5	14.2	77	138	28	16	17	9	0	0	0	0	0	0	0	0	0	0	4.16	82	-	
Watnall ...	... €	21-9	118	19.4	11.4	15.4	-0.4	27.0	22,23	6.1	19	-	-	51	77	14	8	11	8	0	0	0	0	0	0	0	0	0	0	4.23	83	-
	Nottingham T.C.*	99	48	19.6	11.9	15.7	-	26.8	23	7.2	15,19	-	-	49	-	17	8	12	10	-	-	-	-	-	-	-	-	0	4.66	-	-		
Mansfield	... €	99	110	18.9	10.4	14.7	-0.9	27.2	22	6.7	15,19	15.6	-	58	92	19	8	13	10	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Nottingham	99	59	19.5	12.2	15.9	-0.5	26.7	22,23	7.8	15,19	16.1	15.4	49	81	17	8	14	9	0	0	0	0	0	0	0	0	0	0	4.11	85	-	
Warsop ...	... €	99	46	19.7	10.3	15.0	-	26.1	22	2.8	19	-	-	62	109	15	8	13	11	0	0	0	0	0	0	0	0	0	0	4.44	-	-
	Finningley	21-9	10	19.9	11.7	15.8	-0.7	27.9	22	5.5	19	-	-	36	-	5	19	13	9	0	0	0	0	0	0	0	0	0	0	4.52	-	-	
Leicester	Newtown Linford	99	119	18.7	10.9	14.8	-	26.7	23	5.0	19	-	-	83	129	32	16	16	11	0	0	0	0	0	0	0	0	0	0	3.51	-	-	
	Caldecott	99	53	19.3	11.1	15.2	-	26.7	22,23	5.0	19	-	-	74	135	22	28	13	10	-	-	-	-	-	-	-	-	0	3.40	-	-		
Northampton	Bugbrooke Mills	99	69	-	11.1	-	-	-	-	5.6	15,17,19	15.2	13.9	67	127	20	8	13	10	-	-	-	-	-	-	-	-	0	3.59	-	-		
	Raunds ... €	99	59	19.3	11.2	15.3	-1.0	27.2	22	5.6	12	16.3	14.1	97	182	39	8	16	12	0	0	0	0	0	0	0	0	0	0	3.50	67	-	
Wittering	... €	99	65	18.9	11.6	15.3	-0.5	26.5	22	5.6	19	-	-	97	181	29	28	14	10	0	0	0	0	0	0	0	0	0	0	3.96	-	-	
	Birmingham K.E.S.**	99	137	19.5	12.2	15.9	-	26.7	23	7.8	15	-	-	56	80	13	16	14	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
Edgbaston	... €	21-9	163	18.9	12.0	15.5	-0.5	26.6	23	9.2	15	13.3	12.7	51	73	16	16	14	10	0	0	0	0	0	0	0	0	0	0	3.81	74	-	
	Luddington	99	56	19.8	11.7	15.7	-	27.8	23	6.7	19	-	-	58	-	20	16	13	11	0	0	0	0	0	0	0	0	0	0	4.12	-	-	
Stratford on Avon	... €	99	49	20.0	11.3	15.7	-	28.3	23	5.0	15,19	17.1	-	53	84	19	16	14	10	0	0	0	0	0	0	0	0	0	0	3.57	-	-	
	Elmdon ...	21-9	97	19.4	11.4	15.4	-0.4	26.9	23	6.1	19	-	-	61	98	25	16	13	11	0	0	0	0	0	0	0	0	0	0	3.81	-	-	
Shipston on Stour	... €	99	111	18.9	11.2	15.1	-	26.1	23	7.2	15	15.2	-	65	107	11	28	15	11	0	0	0	0	0	0	0	0	0	0	4.12	-	-	
	Wellesbourne	99	47	19.3	11.7	15.5	-	27.8	23	6.7	19	-	-	56	97	14	16	14	11	-	-	-	-	-	-	-	-	-	0	(3.68)	-	-	
Coventry	... €	99	107	19.2	11.7	15.5	-	25.6	22,23	5.6	15	-	-	55	-	22	16	10	10	0	0	0	0	0	0	0	0	0	0	0	(3.13)	-	-
	Moreton Morrell	99	85	19.6	11.6	15.6	-	27.8	23	7.8	15	-	-	57	97	13	8	13	11	0	0	0	0	0	0	0	0	0	0	3.96	-	-	
Rugby ...	... €	99	117	19.3	11.4	15.3	-0.7	26.7	23	6.7	19	16.3	15.6	59	99	17	16	15	10	-	-	-	-	-	-	-	-	0	-	-	-	-
	Brize Norton ...	21-9	84	19.5	11.9	15.7	-	26.9	23	6.9	15	-	-	56	-	13	9	13	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
Oxford	... €	99	63	19.4	12.2	15.8	-1.1	27.2	23	8.9	19	16.7	15.6	91	160	18	8	16	13	0	0	0	0	0	0	0	0	0	0	4.00	70	-	
	Medmenham	99	30	20.0	11.4	15.7	-	26.7	22,23	3.9	19	-	-	63	-	14	8	19	12	-	-	-	-	-	-	-	-	0	-	-	-		
Grendon Underwood	... €	99	67	19.6	11.1	15.3	-	26.1	23	4.4	19	16.2	14.8	75	-	42	8	17	14	0	0	0	0	0	0	0	0	0	0	4.03	-	-	
	Aylesbury	99	96	19.1	11.4	15.3	-	26.7	23	7.2	15,19,27	-	-	-	-	13	8	-	-	0	0	0	0	0	0	0	0	0	0	3.94	-	-	
Bletchley	... €	99	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Keels ...	99	179	18.7	10.8	14.7	-	25.0	23	6.7	15	15.3	13.6	59	75	11	19	12	12	0	0	0	0	0	0	0	0	0	0	4.05	-	-	
Oaken ...	... €	99	125	19.6	10.8	16.1	-	27.2	23	7.2	2,15,19	-	-	53	-	16	5	11	9	-	-	-	-	-	-	-	-	0	3	-	-	-
	Stone ...	99	107	19.3	10.2	14.7	-	25.6	22,23	5.6	15	-	-	41	57	9	17	9	9	0	0	0	0	0	0	0	0	0	0	4.79	-	-	
Penkridge	... €	99	101	19.8	-	-	-	27.2	23	6.1	2	-	-	31	46	7	8	11	8	-	-	-	-	-	-	-	-	0	-	-	-	-	
	Onecot	99	411	16.6	9.6	13.1	-	2																									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM				30 cm.	122 cm.	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 Frosty	Grass min. below 0°C.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure			
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																								
5 ENGLAND, S.E.—cont.																																			
Kent	Dartford	9 9	5	20.5	12.9	16.7	-	26.7	22	7.2	15	-	-	119	224	23	16	19	13	0	0	0	0	5	1	0	-	-	0	-	-	-	-	-	
	Hadlow College	9 9	27	20.1	12.1	16.1	-	25.6	22	5.0	19	16.3	14.6	74	-	18	6	13	10	0	0	0	0	0	2	0	0	-	0	-	-	-	-	-	
	Gillingham	9 9	4	20.3	13.4	16.9	-	24.4	21	7.2	3	-	-	77	145	29	6	13	10	-	-	-	-	-	-	0	0	-	-	-	-	-	-	-	
	Isle of Grain	9 9	3	20.1	14.4	17.3	-	23.9	21	10.0	19	-	-	72	-	28	6	9	9	0	0	0	0	0	1	0	0	-	0	-	4.22	-	-	-	
	Dungeness	21-9	3	19.0	13.7	16.3	-0.4	21.5	24	7.9	19	-	-	58	113	19	7	14	9	0	0	0	0	0	0	1	0	0	-	0	-	-	-	-	
	Whitstable	9 9	3	19.1	13.4	16.3	-	23.9	21	6.7	19	-	-	95	195	30	7	15	13	0	0	0	0	0	2	0	0	-	0	-	4.28	-	-	-	
	Folkestone	9 9	39	19.1	13.7	16.4	-	23.3	24	10.0	15,18,19	-	15.4	62	120	13	7	14	12	0	0	0	0	2	1	0	0	-	0	-	4.47	-	-	-	
	Elmstone	9 9	9	19.2	12.8	16.5	-	22.8	20,21,23	6.1	19	-	-	72	-	29	6	15	13	-	0	-	-	-	0	0	0	-	-	-	-	-	-	-	
	Herne Bay	9 9	6	19.2	13.9	16.5	-	23.9	21	8.3	19	-	-	86	169	28	6	15	13	0	0	0	0	2	1	0	0	-	0	-	4.06	-	-	-	
	Dover	9 9	6	19.6	-	-	-	23.9	24	8.9	19	17.5	16.6	66	115	13	7	13	12	0	0	0	0	0	1	0	0	0	-	0	-	(3.63)	-	-	-
	Deal	21-9	5	18.7	13.9	16.3	-	22.0	21	8.7	19	-	-	58	-	21	6	13	9	0	0	0	0	0	3	2	0	0	-	0	-	-	-	-	-
	Manston	21-9	44	19.0	13.3	16.1	-	22.9	21	7.7	19	-	-	77	153	34	6	13	11	0	0	0	0	0	2	2	0	0	-	0	-	-	-	-	-
	Ramsgate	9 9	24	18.4	-	-	-	21.1	12,20	-	-	-	-	67	-	32	6	9	9	0	0	0	0	0	2	1	-	-	-	0	-	3.97	61	-	-
	Margate	9 9	16	18.3	14.6	16.5	-1.0	21.7	12,20,21	10.0	19	16.4	15.3	61	126	24	6	12	10	0	0	0	0	0	2	1	0	0	-	0	-	3.87	56	-	-
	West Malling	9 9	93	19.4	12.1	15.7	-	25.4	22	6.0	19	-	-	91	-	22	6	14	11	0	0	0	0	0	1	3	0	0	-	0	-	4.58	-	-	-
Goudhurst	9 9	85	19.9	12.1	16.0	-	26.1	22,23	6.1	19	-	-	87	124	27	7	15	12	0	-	0	-	0	0	1	1	0	0	-	0	-	-	-	-	
East Malling	9 9	37	20.3	12.5	16.4	0.0	26.7	22	5.6	19	16.6	15.3	91	155	24	6	16	12	0	0	0	0	0	2	1	0	0	-	0	-	4.41	72	-	-	
Faversham	9 9	48	19.0	12.4	15.7	-	23.9	22	6.7	19	16.8	15.4	108	-	30	6	15	13	0	0	0	0	0	1	2	0	0	-	0	-	4.00	-	-	-	
Wye	9 9	56	19.4	12.6	16.0	-0.6	25.0	22	6.7	19	16.6	15.2	88	138	27	7	12	12	0	0	0	0	0	0	4	0	0	-	0	-	4.08	64	-	-	
Sussex	Thorney Island	21-9	3	19.9	12.9	16.4	-	26.0	23	8.0	15,19	-	-	33	61	10	16	10	7	0	0	0	0	0	3	0	0	0	-	0	-	4.62	-	-	-
	Bognor Regis	9 9	7	19.7	13.2	16.5	-0.3	24.4	26,27	8.9	19	-	15.7	29	49	12	6	10	8	0	0	0	0	0	1	1	0	0	-	0	-	5.38	79	-	-
	Fernhurst	9 9	57	19.9	11.6	15.7	-	27.8	23,24	5.6	19	16.5	-	50	72	12	7	14	10	0	-	0	0	1	-	0	0	-	0	-	4.31	-	-	-	
	Littlehampton	9 9	5	19.9	13.1	16.5	-0.3	24.4	24,26,27	7.2	19	-	15.8	28	48	9	6	12	6	0	0	0	0	1	0	0	0	-	0	-	5.49	80	-	-	
	Rustington	9 9	3	19.9	12.5	16.2	-	25.0	23	5.6	19	-	15.5	27	-	8	17	9	6	-	0	-	-	-	-	0	0	-	-	-	4.91	-	-	-	
	Worthing	9 9	8	19.9	13.6	16.7	-0.5	24.4	23,26,27	9.4	19	16.9	15.3	40	69	11	17	9	7	0	0	0	0	0	1	0	0	0	-	0	-	5.14	73	-	-
	Brighton	9 9	10	20.3	13.7	17.0	-	25.6	24	10.0	15	-	16.6	23	40	7	6	8	6	0	0	0	0	0	1	0	0	-	0	-	5.02	74	-	-	
	Plumpton	9 9	76	19.4	12.8	16.1	-	25.6	23	9.4	2,19	-	-	65	-	18	6	13	10	-	0	-	-	-	-	-	-	-	-	-	4.19	-	-	-	
	Wakehurst Place	9 9	125	19.1	12.1	15.6	-	25.0	23	7.2	15,19	-	-	57	-	17	6	15	12	0	0	0	0	0	1	0	0	0	-	0	-	-	-	-	-
	East Hoathly	21-9	40	19.8	12.1	15.9	-	26.1	23	3.1	19	-	-	47	-	10	7	12	9	0	0	0	0	0	0	0	0	0	-	0	-	4.57	-	-	-
	Eastbourne	9 9	7	19.5	13.8	16.6	-0.5	23.9	26,27	10.6	15,19	17.4	16.1	59	95	21	7	16	12	0	-	0	0	0	1	0	0	0	-	0	-	4.82	68	-	-
	Eastbourne C'Guard	21-9	3	19.9	13.4	16.7	-	24.3	6	7.0	19	-	-	56	84	21	7	14	11	0	0	0	0	0	0	0	0	0	-	0	-	-	-	-	-
	Bexhill	9 9	4	19.4	13.7	16.5	-0.3	23.9	27	8.9	19	17.6	-	40	70	11	6	15	7	0	0	0	0	0	0	0	0	0	-	0	-	4.67	70	-	-
	Bodiam	9 9	22	20.2	12.5	16.3	-	25.4	23	5.0	19	17.3	15.4	71	107	23	7	13	9	0	0	0	0	0	1	1	0	0	-	0	-	4.15	-	-	-
	Berkshire	Hastings	9 9	45	19.5	13.6	16.5	-0.3	24.4	23	8.3	19	18.2	16.4	51	90	18	7	14	9	0	0	0	0	0	1	0	0	0	-	0	-	4.34	64	-
Letcombe Regis		9 9	107	19.7	11.4	15.5	-	27.2	22,23	6.7	2	-	-	72	-	15	8	17	12	0	0	0	0	0	0	0	0	0	-	0	-	-	-	-	-
Abingdon		21-9	69	19.6	11.9	15.7	-0.9	26.8	23	6.5	15	-	-	68	128	13	16	15	12	0	0	0	0	0	1	0	0	0	-	0	-	4.19	-	-	-
Compton		9 9	103	19.2	11.1	15.1	-	26.1	22,23	5.6	19	16.7	-	75	-	15	9	15	12	-	0	-	-	-	-	-	0	0	-	-	-	(3.83)	-	S	-
Wallingford		9 9	48	19.6	11.4	15.5	-	26.7	23	5.6	19	16.1	14.4	53	-	8	15	16	12	0	0	0	0	1	-	0	0	-	0	-	4.06	-	-	-	
Shinfield		9 9	61	19.6	11.8	15.7	-1.0	27.2	22	7.2	15,19	-	-	87	116	19	8	16	11	-	0	-	-	-	-	-	0	0	-	-	-	-	-	-	
Reading		9 9	69	19.5	11.9	15.7	-	26.7	22	6.7	19	15.7	-	66	-	13	8	17	11	0	0	0	0	0	2	2	0	0	-	0	-	3.77	-	-	-
Reading S.T.G. *		9 9	43	19.5	12.1	15.8	-	26.7	22	7.2	19	-	-	65	123	13	8	17	11	-	0	-	-	-	-	1	0	0	-	-	-	3.63	-	-	-
Finchampstead		9 9	65	19.2	11.5	15.3	-	26.1	22,23	5.6	19	15.3	14.1	62	-	13	8	18	9	0	0	0	0	0	2	2	0	1	-	0	-	3.83	-	-	-
Hurley		9 9	43	19.6	11.8	15.7	-	26.1	22,23	5.0	19	16.3	-	87	116	13	8	20	14	0	0	0	0	0	2	2	0	0	-	0	-	3.83	-	-	-
Hampshire		Bracknell **	9 9	74	19.5	12.5																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST,

1968

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				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	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Grass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

AUGUST.

1968

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 Amount (mm.)	Precip'n 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.	Concrete min. below 0°C.	Cale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure					
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																							
85 ENGLAND, S.W.—cont.																																		
Devon	Plymouth, The Hoe	99	36	20.2	13.4	16.8	+0.2	25.0	24	10.6	15.18	17.6	16.4	70	96	17	31	15	11	0	0	0	0	0	0	0	0	0	0	5.76	91	-		
	Tavistock	99	139	20.1	11.9	16.0	+0.3	27.2	23	8.3	3.18	-	-	56	-	12	12	16	11	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
-cont.	Chivener	21-9	6	20.2	13.1	16.7	+0.1	25.5	22	9.5	3	-	-	38	48	15	16	12	9	0	0	0	0	1	0	0	0	0	0	0	5.75	-	-	
	Ilfracombe	99	8	19.4	14.4	16.9	+0.2	25.6	22	11.7	3.18	18.1	16.6	40	50	10	16	11	10	0	0	0	0	0	0	0	0	0	0	6.31	104	-		
	Totnes	99	37	20.1	12.0	16.1	-	25.0	23	7.8	3	17.2	15.1	77	88	19	16	14	11	0	0	0	0	1	0	0	0	0	0	0	5.07	-	-	
	Slapton	99	32	19.2	13.1	16.1	-	22.8	1,24	8.9	18	-	-	57	-	12	16	13	10	0	0	0	0	1	0	0	0	0	0	0	-	-		
	Newton Abbot	99	83	19.2	12.4	15.8	-0.5	23.3	23,24	9.4	12,15,18	-	-	52	70	12	31	13	11	0	0	0	0	0	0	0	0	0	0	5.68	93	-		
	Torbay (Torquay)	99	8	19.9	13.3	16.6	0.0	24.4	24	10.1	18	-	16.9	52	78	18	16	12	8	0	0	0	0	0	0	0	0	0	0	5.38	79	-		
	Teignmouth	99	6	19.7	13.5	16.6	-0.3	22.8	2,24,27	10.6	18	-	-	38	61	9	16	13	12	0	0	0	0	0	0	0	1	0	0	0	5.36	81	-	
	Starcross	99	9	19.7	12.7	16.2	-	22.8	11,27	9.4	3,19	17.0	-	52	77	13	16	11	11	0	0	0	0	0	0	1	0	0	0	4.37	-	-		
	Exeter	21-9	32	19.7	12.4	16.1	-	24.9	24	8.9	19	-	-	43	62	8	16	13	10	0	0	0	0	0	0	0	0	0	0	0	4.73	-	-	
	Sidmouth	99	8	19.3	13.0	16.1	-0.1	25.0	24	9.4	17	-	-	54	86	19	16	11	9	0	0	0	0	0	0	0	0	0	0	0	4.80	78	-	
Cornwall	Scilly	21-9	48	19.5	14.2	16.9	+0.4	22.7	11	11.4	30	-	-	54	84	15	12	9	8	0	0	0	0	0	0	1	0	0	0	0	6.51	97	-	
	Penzance	99	19	20.1	13.6	16.9	+0.3	23.9	27	11.1	15.18	-	-	51	67	14	12	11	8	0	0	0	0	0	0	0	0	0	0	0	6.37	96	-	
	Gulval	99	15	20.2	13.8	17.0	+0.6	24.4	27	10.6	30	-	-	41	57	8	12	12	8	0	0	0	0	0	0	0	0	0	0	0	6.22	97	-	
	Culdrose	99	82	19.4	13.2	16.3	-	23.8	24,27	10.5	18	-	-	40	61	9	30	13	9	0	0	0	0	0	0	1	0	0	0	0	5.95	-	-	
	Rosewarne	99	76	18.7	13.2	15.9	-	23.9	27	10.6	18	17.1	15.9	50	71	13	16	12	7	0	0	0	0	2	0	0	0	0	0	0	6.05	-	-	
	Lizard	99	73	19.3	13.6	16.5	+0.4	24.0	23	10.8	30	-	-	34	56	10	16	10	9	0	0	0	0	0	1	0	0	0	0	0	6.36	-	-	
	Falmouth	99	51	19.4	13.3	16.3	0.0	23.9	27	10.0	18	-	-	54	70	9	31	15	13	0	0	0	0	0	0	0	0	0	0	0	6.12	96	-	
	Newquay	99	54	18.6	13.4	16.0	-0.1	24.4	27	10.6	1,3,11	-	-	38	56	9	16	10	9	0	0	0	0	1	0	0	0	0	0	0	5.93	94	-	
	St. Mawgan	21-9	103	18.9	12.9	15.9	-	23.6	27	11.0	31	-	-	37	49	10	16	12	8	0	0	0	0	3	1	0	0	0	0	0	5.90	-	-	
	St. Austell	99	94	19.7	11.3	15.5	-	23.9	23	8.9	23,31	-	-	51	55	11	16	15	10	0	0	0	0	0	1	0	0	0	0	0	-	-	-	
	Fowey	99	40	20.1	12.9	16.5	0.0	25.6	23	9.4	18	-	-	53	-	9	5	16	11	0	0	0	0	0	0	1	0	0	0	2	-	-	-	
	Bude	99	15	19.7	12.8	16.3	+0.4	28.3	22	7.2	3	17.1	-	51	71	22	16	12	8	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Ellbridge	99	88	20.4	13.8	16.3	+0.2	26.7	23	8.9	18,19	-	-	60	73	11	1	15	12	0	0	0	0	1	0	0	0	0	0	0	5.65	98	-	
9 NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	99	174	18.2	7.1	12.7	-	22.2	4	1.8	17	-	-	73	-	20	19	13	10	0	0	0	0	2	0	0	0	0	0	0	-	-	-	
	Ballykelly	21-9	9	19.1	9.2	14.1	-0.6	23.6	4,22	8.6	17	17.9	15.0	46	53	15	22	11	7	0	0	0	0	0	0	0	0	0	0	0	7.06	152	-	
	Derrinoyd Forest	99	88	20.0	8.2	14.1	-	23.9	27	4.6	17,25	-	-	96	-	31	19	13	10	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
	Somers Forest	99	43	19.6	8.3	13.9	-	23.5	4	3.0	17	-	-	71	-	18	22	13	9	0	0	0	0	1	1	0	0	0	0	0	-	-	-	
	Garvagh Forest	99	91	18.7	8.3	13.5	-	22.8	4	5.0	4,17	16.7	13.9	74	-	20	19	15	9	0	0	0	0	1	0	0	0	0	0	0	0	-	-	-
	Moneydig	21-9	34	19.1	8.1	13.6	-0.7	22.2	4	3.3	10	16.2	-	76	75	22	22	16	9	0	0	1	0	1	1	0	3	0	0	0	6.49	-	-	
Antrim	Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	-	53	-	18	12	13	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ballymoney	99	55	19.0	9.3	14.1	-	22.8	12	5.6	4,18	-	-	85	-	28	22	9	8	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
	Lisnaffillan	99	38	18.9	9.3	14.1	-	22.8	27	3.9	16,17	-	-	82	-	26	19	14	10	0	0	0	0	0	0	1	0	0	0	0	6.20	-	-	
	Aldergrove	21-9	69	19.5	9.7	14.6	+0.1	22.9	22	4.2	17	15.8	13.2	82	89	40	19	12	10	0	0	0	0	1	0	0	0	0	0	0	6.46	148	-	
	Greenmount	99	32	19.8	9.4	14.6	-	23.3	27	3.9	17	16.6	-	104	-	40	19	10	9	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Altnahinch	99	226	16.8	8.9	12.9	-	21.7	27	4.4	17	-	-	134	-	36	22	14	13	0	0	0	0	1	2	0	0	0	0	0	6.25	-	-	
	Parkmore Forest	99	235	16.5	8.7	12.6	-	21.7	22	3.3	17	14.7	-	115	-	30	19	14	11	0	0	0	0	0	2	0	0	0	0	0	0	-	-	-
	Black Mountain	21-9	295	17.1	9.6	13.3	-	20.2	22	5.3	18	-	-	90	-	35	19	9	8	0	0	1	0	1	5	0	0	0	0	0	0	-	-	-
	Lowtown	99	271	16.8	9.0	12.9	-	21.1	27	4.4	18	14.3	-	87	-	34	19	12	11	0	0	0	0	0	3	0	0	0	0	0	6.56	-	-	
	Ballypatrick Forest	99	182	17.2	8.4	12.8	-	22.0	22	3.0	17	-	-	96	-	32	22	13	9	0	0	0	0	1	1	0	0	0	0	0	6.89	-	-	
	Belfast, Malone	99	35	18.9	9.9	14.4	-	22.2	22	5.6	16,18,19	16.4	-	35	-	-	-	-	-	0	0	0	0	1	0	0	0	0	0	0	6.49	-	-	
	Newtownabbey	99	32	18.9	11.6	15.3	-	23.3	22	7.8	16,17	16.8	-	59	-	27	19	10	8	0	0	0	0	0	0	0	0	0	0	0	6.85	-	-	
	Woodburn, North	99	217	17.3	8.8	13.1	-	21.7	22	3.9	12,17	-	-	89	83	41	19	12	10	0	0	0	0	0	4	0	0	0	0	0	-	-	-	
	Larne	99	43	19.3	9.9	14.6	-	23.3	22	5.0	18	-	-	74	80	28	19	11	9															

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST.

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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													
																										0 or more	1-7	8-10	11-15	16 or more									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	83m.	3	1016.9	-	9.8	0.7	11.2	92	6.1	0	6	1	11	13	0	0	0	0	2	0	0	2	1	4	22	0	2	0	24	5	11	0	0	1	4	1	3	6	
		9	1016.8	+5.8	12.3	1.7	11.6	81	6.6	0	2	3	14	12	0	0	0	0	0	1	0	3	1	6	20	0	0	11	17	3	8	5	1	2	5	1			
		15	1016.6	-	13.0	1.8	12.0	80	6.4	0	1	6	19	5	0	0	0	0	0	0	0	4	3	4	20	0	0	14	17	0	5	4	1	3	7	1			
		21	1016.7	-	10.6	0.8	11.6	90	6.3	1	4	1	14	11	0	0	0	1	0	1	0	3	2	5	19	0	0	7	21	3	9	2	0	6	1	5	5		
Orkney Kirkwall	26m.	3	1016.9	-	10.4	0.6	11.7	92	5.9	1	5	3	12	10	0	0	0	0	2	1	1	7	5	5	10	0	0	9	20	2	5	1	1	4	3	3	7	5	
		9	1016.9	+5.4	12.8	1.5	12.3	82	6.2	0	2	5	18	5	1	0	0	1	0	0	0	2	3	7	18	0	0	10	21	0	7	2	3	5	3	2	4	5	
		15	1016.7	-	14.1	2.2	12.2	76	5.5	0	5	7	14	5	0	0	0	0	1	0	0	0	0	8	22	0	0	10	21	0	1	8	7	7	3	0	0	5	
		21	1016.8	-	11.5	0.8	12.2	90	5.5	0	6	6	13	6	0	0	0	0	1	1	2	3	12	12	0	0	6	25	0	2	5	5	2	7	3	0	0	5	
Caithness Wick	37m.	3	1016.8	-	11.5	1.2	11.7	86	5.5	0	5	7	10	9	0	0	0	0	0	0	0	0	3	28	0	1	7	19	4	0	4	8	4	1	6	2	2	2	
		9	1016.8	-	12.5	1.5	11.9	81	5.7	0	4	7	11	9	0	0	0	0	0	0	0	0	1	4	26	0	1	5	19	6	1	1	7	2	2	9	1	2	
		15	1016.6	-	13.5	1.9	12.3	79	5.6	0	5	7	12	7	0	0	0	0	1	0	0	0	6	24	0	3	10	17	1	2	6	10	1	2	6	1	2		
		21	1016.4	-	12.1	1.2	12.1	86	6.0	0	5	6	7	13	0	0	0	0	0	0	0	1	8	22	0	1	11	14	5	2	3	9	1	2	5	1	3		
Sutherland Cape Wrath*	113m.	3	1017.1	-	10.0	0.5	11.6	94	3.8	5	10	3	9	4	0	0	0	0	0	0	0	3	17	11	0	0	16	8	3	2	3	0	6	1	2	6	0		
		9	1016.9	+5.7	13.8	1.5	13.2	83	5.3	0	7	5	15	4	0	0	0	0	0	2	2	3	5	19	0	3	10	14	4	7	0	5	9	0	0	2			
		15	1016.7	-	15.0	2.2	13.2	77	5.0	0	6	10	11	4	0	0	0	0	0	0	1	3	6	21	0	3	11	17	0	2	17	1	3	6	0	1	1		
		21	1016.7	-	12.2	1.1	12.5	88	4.2	2	11	5	9	4	0	0	0	0	0	0	0	6	11	14	0	1	11	15	4	5	10	0	1	3	3	2	3		
Ross & Cromarty Stornoway	5m.	3	1016.6	-	10.9	0.7	12.0	91	4.1	4	11	2	7	7	0	0	0	1	0	0	3	5	4	18	0	1	7	17	6	7	4	3	7	0	0	1	0		
		9	1016.3	+5.2	14.5	2.2	12.6	76	4.8	0	8	9	9	5	0	0	0	0	1	0	1	5	5	19	0	2	11	17	1	4	6	5	5	6	2	0	2		
		15	1016.1	-	16.0	2.9	12.9	71	4.9	0	8	5	15	3	0	0	0	0	0	0	1	4	6	20	0	2	16	11	2	1	5	2	2	2	6	9	0		
		21	1016.3	-	12.7	1.4	12.3	83	4.5	0	11	5	13	2	0	0	0	0	0	0	1	5	6	19	0	0	12	17	2	6	6	5	1	4	3	2	2		
1 SCOTLAND, E.																																							
Moray Kinloss	6m.	3	1017.6	-	10.9	0.7	12.0	91	6.1	0	5	2	12	12	0	0	0	0	1	1	0	3	8	11	7	0	0	7	20	4	4	2	2	0	5	12	1	1	
		9	1017.6	+6.0	13.9	1.9	12.7	79	5.9	0	3	5	16	7	0	0	0	0	0	1	0	0	3	3	8	16	0	0	6	24	1	4	2	5	1	1	4	7	6
		15	1017.0	-	16.2	3.3	12.4	67	5.1	1	5	8	15	2	0	0	0	0	0	1	0	0	1	1	4	25	0	1	12	18	0	5	10	7	1	0	4	2	2
		21	1017.1	-	12.6	1.3	12.5	85	5.6	0	5	5	15	6	0	0	0	0	1	0	3	0	11	16	0	0	7	23	1	3	3	11	4	5	2	1	1		
Aberdeen Dyce	59m.	3	1017.0	-	10.0	0.5	11.6	94	5.8	0	5	6	9	9	2	0	0	0	2	4	1	1	5	9	9	0	0	5	17	9	5	1	2	2	3	1	3	5	
		9	1016.9	+4.6	13.5	1.7	12.6	81	5.9	0	4	5	16	5	1	0	0	0	1	1	1	3	11	11	3	0	0	10	16	5	10	1	2	1	7	1	1	3	
		15	1016.5	-	15.5	2.8	12.6	71	5.7	0	3	7	16	5	0	0	0	0	1	0	3	3	18	6	0	0	16	15	0	7	0	7	3	6	2	1	5		
		21	1016.9	-	11.7	1.0	12.3	89	5.0	0	11	3	9	7	1	0	0	1	0	1	0	5	13	7	4	0	0	11	19	11	5	0	1	2	5	1	3	3	
Fraserburgh	22m.	3	1017.3	-	11.9	0.9	12.5	89	5.5	1	7	4	9	9	1	0	0	1	0	0	6	7	17	0	0	0	11	19	1	7	1	0	2	9	2	5	4		
		9	1017.7	-	13.4	1.4	12.9	84	5.9	0	2	9	11	8	1	0	0	1	0	0	2	7	18	3	0	2	8	19	2	7	0	3	2	7	0	5	5		
		15	1017.2	-	14.4	2.0	12.9	79	5.7	0	1	11	11	7	1	0	0	1	0	0	1	6	18	5	0	0	14	17	0	6	3	8	1	5	1	1	6		
		21	1017.2	-	12.9	1.3	12.7	85	5.1	0	5	11	7	7	1	0	0	1	0	0	1	8	20	1	0	0	7	23	1	7	4	3	3	8	0	3	2		
Angus Usan	35m.	3	1016.5	-	11.4	0.8	12.2	90	5.3	0	10	2	7	11	1	0	0	1	0	1	1	1	2	4	21	0	0	4	23	4	13	2	1	0	3	2	2	4	
		9	1016.8	-	13.7	1.7	12.7	81	5.6	0	5	8	9	9	0	0	0	1	0	0	2	4	7	17	0	0	10	16	5	8	5	3	1	5	2	1	1		
		15	1016.3	-	14.9	2.1	13.2	78	4.8	0	8	8	9	6	0	0	0	1	0	0	2	2	6	19	0	0	12	18	1	2	4	9	5	8	0	2	0		
		21	1016.4	-	12.6	1.0	13.0	88	5.6	0	6	4	12	8	1	0	0	1	0	0	2	1	6	20	0	0	5	20	6	7	7	3	0	3	2	3	0		
Fife Leuchars	12m.	3	1016.7	-	11.0	0.5	12.4	93	6.0	0	5	4	11	9	1	0	0	1	0	1	0	2	7	15	2	0	0	4	17	10	5	4	2	1	2	3	3	1	
		9	1016.9	+4.5	14.2	1.8	13.1	80	6.1	0	4	4	15	8	0	0	0	1	0	1	0	1	2	4	13	10	0	10	16	5	4	5	6	1	0	5	3	2	
		15	1016.3	-	16.1	2.5	13.6	74	4.9	0	6	8	8	7	0	0	0	0	1	0	0	1	3	2	15	10	0	22	9	0	1	3	8	2	1	3	1	2	
		21	1016.6	-	12.7	1.1	12.9	88	5.7	0	6	3	15	6	1	0	0	0	1	0	0	3	6	16	5	0	0	4	22	5	1	9	4	4	4	0	0	0	
Midlothian Turnhouse	44m.	3	1017.2	-	11.4	0.6	12.6	92	6.3	0	2	7	9	13	0	0	0	1	0	1	0	5	18	6	0	0	2	22	7	3	7	3	0	0	7	4	0	0	
		9	1017.3	+4.6	14.3	1.9	13.1	80	6.4	0	3	4	14	10	0	0	0	0	1	2	7	9	6	6	0	0	5	23	3	1	12	5	0	9	1	0	0		
		15	1016.6	-	17.0	3.5																																	

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

AUGUST,

1968

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	9-10	11-12	13-14	15-16									
																									24 or more	25-33	34-41	42-49	50-57									
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington	3	1016.8	-	11.3	0.4	12.9	95	5.8	0	4	7	10	10	0	0	0	1	2	3	5	4	9	6	1	0	0	5	24	2	15	0	1	0	4	2	5	2	
	9	1017.0	+4.0	14.2	1.4	13.8	85	6.6	0	1	4	16	10	0	0	0	0	1	0	6	6	9	4	5	0	0	1	9	21	0	11	7	1	2	3	3	1	
	15	1016.6	-	15.5	2.1	13.8	79	6.2	0	2	7	12	10	0	0	0	0	0	1	5	4	5	11	5	0	0	13	18	0	8	9	2	5	1	3	2	1	
Tynemouth	3	1016.7	-	12.3	0.7	13.3	92	6.3	0	3	6	8	13	1	0	0	0	1	3	4	8	6	8	1	0	0	0	13	18	0	14	1	1	2	1	4	2	2
	9	1016.8	+3.8	12.7	0.5	13.9	93	6.2	3	0	4	10	12	2	0	0	0	2	0	2	6	17	4	0	1	1	13	14	2	16	0	0	1	3	2	5	2	
	15	1017.1	-	13.7	0.9	14.2	90	6.6	1	0	4	14	11	1	0	0	0	1	1	3	11	13	2	0	0	3	17	10	1	18	0	0	3	5	1	3	0	
Seahouses	3	1016.8	-	14.7	1.2	14.6	87	6.2	0	0	10	11	7	3	0	0	1	2	1	2	7	12	6	0	0	0	3	16	12	0	17	2	1	5	2	3	1	
	9	1017.3	-	13.7	0.8	14.2	90	6.2	1	3	3	9	13	2	0	0	1	1	0	3	9	10	7	0	0	1	16	13	1	16	1	0	1	5	1	5	1	
	15	1017.6	-	11.6	0.4	13.2	96	5.7	0	6	5	7	11	2	0	1	0	2	0	4	6	6	12	0	0	1	6	19	5	10	3	0	5	2	4	2	0	
Yorks, N. Riding Leeming	3	1017.5	-	13.8	0.9	14.2	89	5.6	0	2	9	13	7	0	0	0	0	1	1	8	7	5	8	0	0	0	8	22	1	13	7	3	0	4	1	2	0	
	9	1017.1	-	15.2	1.6	14.4	83	5.4	0	6	7	9	7	2	0	0	1	1	2	3	5	8	10	0	0	10	20	1	10	8	2	3	3	1	3	0		
	15	1017.0	-	13.1	1.0	13.4	88	5.4	0	7	6	8	10	2	1	1	0	1	2	5	4	11	5	0	0	0	1	26	4	14	1	1	0	4	3	1	1	
Whitby Coastguard	3	1016.5	-	12.5	0.7	13.4	91	6.4	0	5	2	8	16	0	0	0	0	1	6	10	11	1	2	0	0	0	5	24	2	11	2	0	0	5	4	2	5	
	9	1016.7	-	14.8	1.5	14.2	84	6.3	0	4	3	12	12	0	0	0	0	0	0	6	12	6	5	2	0	2	8	21	0	14	3	2	1	9	0	0	2	
	15	1016.2	-	17.4	2.8	14.5	73	6.2	0	2	7	13	9	0	0	0	0	1	2	12	6	5	5	0	1	16	13	1	6	11	1	0	4	2	4	2		
Yorks, E. Riding Leconfield	3	1016.4	-	14.0	1.1	14.1	87	6.2	0	5	3	9	14	0	0	0	0	0	3	3	10	11	3	1	0	0	5	23	3	14	2	0	0	8	2	2	0	
	9	1016.0	-	13.0	0.5	14.2	94	6.0	3	1	7	3	14	3	0	3	0	0	1	1	9	15	2	0	0	3	11	16	1	13	1	0	0	4	8	1	3	
	15	1016.4	-	14.2	0.8	14.7	90	6.7	1	1	4	11	11	3	0	3	0	0	0	2	5	17	4	0	0	5	7	17	2	15	2	1	1	6	0	0	4	
Kilnsea	3	1016.2	-	15.3	1.4	14.8	85	6.2	0	2	9	7	11	2	1	1	0	0	1	1	4	18	5	0	0	3	19	7	2	17	2	0	3	2	2	1	0	0
	9	1016.0	-	13.5	0.8	14.2	91	6.1	0	5	4	7	13	2	1	1	0	0	0	2	7	15	5	0	0	5	11	14	1	12	2	0	2	7	4	2	1	
	15	1016.6	+3.0	15.2	1.6	14.3	82	6.5	0	3	4	13	11	0	0	0	1	0	1	12	12	4	1	0	1	16	13	1	6	13	0	1	2	3	4	1	1	
Lincoln Waddington	3	1016.3	-	17.4	2.9	14.4	73	6.5	0	2	4	14	11	0	0	0	0	0	0	0	10	14	6	1	0	2	17	11	1	3	12	2	0	3	4	4	2	
	9	1016.4	-	13.4	0.8	14.0	90	6.0	1	4	3	9	14	0	0	0	0	0	0	3	16	12	0	0	0	0	8	21	2	10	5	1	2	3	1	5	2	
	15	1015.6	-	13.4	0.6	14.4	93	6.5	0	3	5	15	3	0	0	2	1	1	1	1	6	19	1	0	0	7	16	7	1	11	5	2	0	2	3	6	1	
Binbrook	3	1015.9	+1.9	14.3	0.9	14.7	90	6.6	0	0	6	11	9	5	3	0	0	2	1	0	12	13	0	0	1	8	12	9	1	10	9	0	1	3	4	3	0	
	9	1015.9	-	15.5	1.3	15.2	86	6.6	1	0	7	7	15	1	0	0	0	1	0	2	8	20	0	0	0	8	14	8	1	11	6	3	3	3	1	0	0	
	15	1015.9	-	14.1	0.8	14.6	90	6.5	0	2	8	3	16	2	0	0	1	1	0	1	1	27	0	0	0	7	16	8	0	9	5	2	1	6	2	6	0	
Manby	3	1015.9	-	12.3	0.6	13.4	93	6.4	2	3	3	4	15	4	0	4	1	1	0	4	11	10	0	0	0	13	18	0	13	5	0	0	4	3	6	0	0	
	9	1016.1	-	14.2	1.3	13.9	85	6.5	0	0	8	10	13	0	0	0	2	0	1	2	13	10	3	0	0	1	19	10	1	15	3	0	1	3	5	2	1	
	15	1015.8	-	16.5	2.6	13.9	75	6.7	0	1	5	11	14	0	0	0	0	0	0	3	8	13	7	0	0	0	20	9	2	11	3	1	1	3	3	5	2	
3 ENGLAND, E.	3	1016.1	-	13.4	1.0	13.7	89	6.6	1	1	4	9	15	0	0	1	1	0	0	0	15	14	0	0	0	0	14	16	1	14	2	2	4	4	2	0	0	
	9	1015.7	-	12.6	0.5	13.9	95	6.5	1	5	0	4	17	4	0	0	2	5	0	1	14	8	1	0	0	13	18	0	14	4	0	1	1	3	6	2	2	
	15	1016.0	+1.8	15.0	1.3	14.7	86	6.9	0	2	2	11	15	1	0	1	1	0	2	2	9	10	6	0	0	19	12	0	17	2	0	1	3	4	2	2	1	
Norfolk West Raynham	3	1014.9	-	12.6	0.4	14.0	96	6.3	0	5	3	3	17	3	0	2	1	3	2	4	11	7	1	0	0	0	16	14	1	14	3	0	1	2	4	5	1	
	9	1015.1	+0.8	14.5	0.9	15.0	90	6.9	1	2	1	9	17	1	0	0	0	4	4	2	11	6	3	1	0	0	21	10	0	18	0	0	2	2	5	3	0	
	15	1015.4	-	16.7	2.2	14.9	79	6.6	0	4	0	13	14	0	0	0	0	1	1	4	6	13	4	2	0	0	0	21	11	1	15	3	1	0	7	4	1	
Coltishall	3	1014.6	-	13.3	0.5	14.4	94	6.3	0	6	2	6	16	1	0	0	0	4	2	3	12	7	3	0	0	0	13	18	0	15	3	1	1	6	4	1	0	
	9	1014.8	-	15.5	1.4	15.1	85	6.8	1	0	3	12	14	1	0	0	2	0	0	3	12	10	3	1	0	0	13	16	2	11	6	0	1	1	5	4	1	
	15	1014.7	-	17.5	2.8	14.6	73	6.8	0	2	2	13	14	0	0	0	0	0	0	4	7	10	7	3	0	0	18	13	0	13	6	1	0	1	6	2	2	
Gorleston	3	1015.1	-	14.0	0.8	14.7	92	6.2	0	4	6	5	13	3	0	1	0	3	2	4	9	10	2	0	0	0	10	16	5	13	2	1	1	4	1	2	2	
	9	1014.1	-	14.4	0.6	15.4	93	5.4	7	1	3	3	16	1	1	0	0	0	1	23	6	0	0	0	0	1	15	14	1	13	3	0	1	4	3	5	1	
	15	1014.3	-0.3	15.1	1.1	15.2	88	6.5	1	1	5	7	16	1	0	2	1	1	1	1	20	5	0	0	0	1	17	13	0	14	3	1	1	4	3	5	0	
Suffolk Mildenhall	3	1014.6	-	16.2	1.6	15.5	85	6.9	1	0	2	12	13	3	1	2																						

1968

[illegible]

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

AUGUST,

1968

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.	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.		
																											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	1017.1	-	11.6	0.8	12.5	91	5.5	1	8	1	11	10	0	0	0	0	0	0	0	2	3	13	12	1	0	0	3	18	10	4	6	6	1	2	1	1	0		
		9	1017.2	-	14.8	1.7	13.7	81	6.2	0	2	7	14	8	0	0	0	0	0	0	0	1	3	10	10	7	0	0	4	21	6	3	7	7	1	0	3	3	1		
		15	1016.4	-	18.0	3.4	14.1	68	5.5	0	3	11	11	6	0	0	0	0	0	0	0	0	4	5	11	11	0	0	10	19	2	0	5	9	1	0	6	6	2		
		21	1016.8	-	13.8	1.4	13.4	84	5.4	0	6	7	11	7	0	0	0	0	0	0	0	0	8	7	12	4	0	0	2	22	7	0	8	6	1	3	3	2	1		
		9	-	-	7.8	0.3	10.3	96	6.6	3	1	2	4	1	20	6	14	0	0	0	0	1	1	1	8	0	0	6	15	9	1	16	0	0	4	5	3	1	1	0	
Westmorland Great Dun Fell	—	9	-	-	9.1	0.3	11.2	96	6.5	2	1	5	2	4	17	3	14	0	0	1	0	1	1	1	9	2	1	8	17	5	0	0	17	1	0	5	6	2	0	0	0
		15	-	-	10.9	1.2	11.3	87	6.3	1	1	5	10	5	9	0	0	0	0	1	0	1	5	13	2	0	11	13	7	0	1	14	1	0	4	8	3	0	0	0	
		21	-	-	8.3	0.2	10.8	97	6.2	3	0	6	4	2	16	4	14	0	1	0	0	1	3	5	3	0	7	13	7	0	3	12	4	0	2	4	6	0	0	0	
		3	1016.4	-	13.2	1.1	13.4	88	5.7	2	2	5	15	7	0	0	0	0	0	0	2	15	10	4	0	0	0	5	24	2	3	9	1	3	5	1	2	5	0	0	
		9	1016.6	-	16.1	2.1	14.4	78	5.9	0	3	5	18	5	0	0	0	0	0	0	3	9	13	4	2	0	0	9	21	1	7	5	4	0	7	2	2	3	0	0	
Lancashire Speke	26m.	15	1015.9	-	19.0	3.7	14.7	67	5.7	0	4	6	19	2	0	0	0	0	0	0	0	8	9	6	8	0	0	16	14	1	1	9	4	1	4	0	6	5	0	0	
		21	1016.3	-	14.9	1.8	13.8	81	5.0	1	7	6	11	6	0	0	0	0	0	0	0	17	9	4	1	0	0	7	24	0	3	8	4	1	5	2	5	3	0	0	
		3	1016.4	-	12.8	1.1	13.0	87	5.9	2	3	9	13	10	0	0	0	0	0	0	3	15	9	4	0	0	0	6	22	3	7	7	1	4	5	1	2	1	0	0	
		9	1016.5	+2.4	15.3	2.3	13.3	77	5.8	1	3	6	15	6	0	0	0	0	0	0	5	17	9	0	0	0	0	13	17	1	4	10	1	0	11	1	2	1	0	0	
		15	1015.9	-	18.3	4.1	13.1	63	6.1	0	2	7	15	7	0	0	0	0	0	0	0	14	8	9	0	0	0	22	9	0	4	10	1	1	5	1	7	2	0	0	
21	1016.4	-	14.5	2.1	12.9	77	5.1	1	4	10	10	6	0	0	0	0	0	0	3	15	11	2	0	0	0	12	19	0	8	6	2	2	6	3	4	0	0	0			
7b NORTH WALES																																									
Anglesey Valley	11m.	3	1016.3	-	13.5	0.8	14.2	91	4.7	6	5	4	7	9	0	0	0	0	2	1	2	7	11	5	3	0	2	9	17	3	9	7	2	0	6	1	2	1	0		
		9	1016.8	+2.8	15.7	1.8	14.5	82	6.0	0	4	6	12	9	0	0	0	0	0	0	1	8	10	9	3	0	3	14	13	1	5	10	2	0	7	3	2	1	0		
		15	1016.4	-	18.2	3.2	14.5	70	4.3	1	8	10	9	3	0	0	0	0	0	0	0	4	13	6	8	0	1	23	7	0	4	11	1	0	3	9	1	2	1	0	
		21	1016.4	-	14.6	1.2	14.4	87	5.0	1	7	8	9	6	0	0	0	0	0	1	0	9	7	9	5	0	2	9	18	2	9	7	1	1	5	3	2	1	0		
		3	1016.2	-	14.2	0.7	15.0	92	4.8	8	1	5	8	8	1	0	0	0	1	0	0	6	14	10	0	0	0	1	12	17	1	14	1	3	0	4	3	1	4	0	
Caernarvon Bardsey Island	19m.	9	1016.7	-	15.0	1.1	15.1	89	5.4	2	3	8	11	6	1	0	0	1	1	0	0	7	8	13	0	0	0	14	15	2	11	4	2	0	5	1	4	2	0	0	
		15	1016.4	-	16.3	1.5	15.7	85	5.1	3	2	11	9	6	0	0	0	0	0	0	5	10	15	1	0	1	18	11	1	14	1	2	1	3	6	2	1	0	0		
		21	1016.1	-	14.8	1.0	15.0	89	5.4	2	5	6	11	7	0	0	0	1	0	0	0	7	9	12	2	0	1	18	11	1	13	4	1	0	4	5	1	2	0	0	
		8a SOUTH WALES																																							
		Cardigan Aberporth	134m.	3	1016.2	-	13.7	0.9	14.1	90	4.2	9	4	2	8	8	0	0	0	0	0	0	2	17	7	1	4	0	1	9	17	4	4	6	3	1	7	1	3	2	0
9	1016.5			+1.7	15.0	1.5	14.3	84	5.4	0	6	5	15	5	0	0	0	1	0	0	0	0	12	11	5	2	0	1	11	16	3	2	12	1	0	5	3	3	2	0	
15	1016.2			-	16.8	2.1	15.1	79	4.6	1	9	5	11	4	1	0	0	0	1	1	1	7	10	7	4	0	2	15	14	0	11	4	0	0	5	0	10	1	0		
21	1016.2			-	14.5	1.0	14.7	89	4.7	3	7	4	8	9	0	0	0	0	0	1	4	12	5	4	5	0	1	11	14	5	3	7	1	0	6	3	5	1	0		
3	1016.4			-	14.3	0.8	14.9	91	3.8	12	1	6	2	10	0	0	0	0	1	0	0	0	15	13	2	0	0	0	7	20	4	9	5	3	0	4	2	1	3	0	
Pembroke Milford Haven C.B.	39m.	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	1016.5	-	18.9	3.2	15.4	72	4.5	3	5	12	5	6	0	0	0	0	0	0	0	19	9	3	0	0	1	20	10	0	8	4	1	1	3	6	7	1	0		
		21	1016.3	-	15.5	1.1	15.5	88	4.2	7	4	6	6	8	0	0	0	0	0	0	0	19	11	1	0	0	1	10	18	2	11	2	1	1	2	4	7	1	0		
		3	1015.8	-	15.1	1.4	14.6	85	4.1	11	2	4	4	10	0	0	0	0	0	0	0	8	16	6	1	0	0	1	14	17	0	8	7	6	0	1	3	3	3	0	
		9	1016.4	-	16.1	2.0	14.6	79	5.6	1	4	6	12	8	0	0	0	0	0	0	0	17	11	3	0	0	1	13	15	2	6	4	6	1	1	4	3	4	0		
Glamorgan Mumbles	37m.	15	1016.0	-	17.8	2.6	15.2	74	5.5	1	3	8	12	7	0	0	0	0	0	0	2	12	9	7	1	0	3	16	12	0	4	2	4	2	5	5	9	0	0		
		21	1015.9	-	16.5	1.9	15.1	81	4.7	4	4	9	4	10	0	0	0	0	0	0	1	14	9	5	2	0	0	21	9	1	5	8	1	1	1	4	7	3	0		
		3	1015.9	-	13.8	1.0	14.0	89	5.5	3	5	3	6	13	1	0	1	0	0	0	2	12	8	7	1	0	0	8	21	2	5	10	2	2	0	2	4	4	0		
		9	1016.4	+1.1	15.5	1.8	14.4	82	5.8	0	4	7	12	8	0	0	0	0	0	2	11	10	7	1	0	0	15	14	2	5	11	2	0	3	1	4	3	0			
		15	1015.9	-	18.3	2.9	15.4	73	5.2	0	6	10	8	7	0	0	0	0	0	0	1	12	9	7	2	0	1	15	15	0	1	12	4	2	1	2	8	1	0		
21	1016.1	-	15.4	1.5	14.8	84	4.4	3	7	6	10	5	0	0	0	0	0	0	1	16	8	4	2	0	0	0	10	20	1	2	9	1	2	2	2	9	3	0			
8b ENGLAND, S.W.																																									
Somerset Yeovilton	23m.	3	1016.2	-	13.5	1.1	13.7	88	6.1	4	1	2	9	13	2	0	1	1	0	2	13	10	4	0	0	0	0	4	19	8	7	2	0	4	2	1	3	4	0		
		9	1016.5	-	15.8	1.8	14.6	81	6.8	1	0	4	12	14	0	0	0	0	1	7	17	5	1	0	0	0	8														

TABLE VIII—NUMBER OF DAYS IN AUGUST, 1968
WITH MAXIMUM AND MINIMUM TEMPERATURES between given limits.

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

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, AUGUST, 1968

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	678	3	73	31	325.7	31	351	1	77	31	223.7	31	737	3	87	31	358.6	31
Eskdalemuir	624	8	102	13	362.1	31	372	4	99	13	225.8	31	769	8	135	13	436.2	31
Cambridge	586	22	51	7	299.5	31	317	11	48	7	194.1	31	-	-	-	-	-	-
London/ W Centre	553	12	59	9	285.0	30	292	5	59	9	180.2	30	631	12	80	9	337.3	30
Kew	573	12	58	9	292.5	31	310	5	57	9	195.0	31	687	22	78	9	338.0	31
Bracknell	573	12	44	7	281.1	31	357	12	46	7	196.8	31	690	12	63	7	342.7	31
Aberporth	709	2	100	6	435.3	31	390	1	97	6	227.5	29	-	-	-	-	-	-
Aldergrove																		

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. -Dec.	Castle Archdale Forest	80	13	13	All wind directions to be veered by 30°																
	December	Heathrow	35	10	10							236	426									
	December	Ringway	80	10	10								374	109								
	December	Rhoose	78	11	10							291	331									
1968	Jan. -Apr.	Castle Archdale Forest	80	13	13	All wind directions to be veered by 30°																
	January	Leeming	42	10	10							338	233	112								
	January	Manston	61	17	17								209	70								
	January	Spadeadam	292	16	15												15	03				
	January	Valley	26	16	12		34		193													
	March	Cumbernauld	166	10	10																	
	March	Manston	61	17	17								236	11								
	March	Ringway	80	10	10								314	258								
	March	Trawsfynydd	194	10	10								210	343								
	March	Aberporth	135	13	11								362	136								
	March	Rhoose	78	11	10					61			361									
	March	Mount Batten	64	13	13							330	245									
	April	Dalcross	21	10	10		0	2	2	207	323	188	0	7.5	310	27	1	20	310	41	1	1945
	April	Bell Rock	39	40	38		0	12	55	385	189	91	0	12.4	360	33	2	23	350	46	2	2225
	April	Turnhouse	42	12	10								407	135								
	April	Eskdalemuir	259	10	10							191	321	189								
	April	Leeming	42	10	10								367	134								
	April	Gorleston	16	13	13							340			38							
	April	Amersham	152	15	15		0	0	0	60	488	162	10	6.2	220	19	1	21	230	39	1	1300
	April	Heathrow	35	10	10							231	408									
	April	Thorney Island	16	10	10								305	91								
	April	Boscombe Down	130	16	16							301	328									
	April	Valley	26	16	12							285	274	114								
	April	Rhoose	78	11	10							237	408									
	Jan. -Apr.	Eskdalemuir	259	10	10																	
	Jan. -Apr.	South Shields	22																			
	Jan. -Apr.	Cranwell	76	12	12																	
	Jan. -Apr.	Gatwick	69	10																		
	Jan. -Apr.	Speke	30	10																		
	Jan. -Apr.	Brawdy	130	20																		
	Jan. -Apr.	Ballykelly	13	12	10																	

A Anemograph out of order

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazenose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd.137769 K.12 11/68 Gp.1708 SBN 11 72 0634 2

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 9

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



September 1968 — *Dry in the extreme north, wet and generally unsettled elsewhere*

Weather was cyclonic in character throughout the month except for short anticyclonic periods on the 6th—8th and on the 18th.

The month began cool and rather wet with rain or showers and scattered thunderstorms associated with a complex area of low pressure which moved across northern districts. The 4th—9th was milder and drier though rain spread across the country on the 5th. The next day an anticyclone formed off south-west England and temperatures rose above average on the 7th as the anticyclone moved north-eastwards to become centred off Scandinavia. There was some rain in the north and west on the 8th, but the 9th and 10th were the warmest days of the month in south-east England with temperatures rising 5 deg. C above the average. Thunderstorms broke out in southern England on the 10th, and the next two days were generally cooler with outbreaks of moderate to heavy rain and scattered thunderstorms associated with a deep trough which extended down the east coast of England from a depression near Iceland. Cockle Park, Northumberland, recorded 57 mm of rain during the night of the 12th/13th.

Pressure was high to the north of the British Isles on the 13th and, apart from some rain in the south-west, the day was mainly fine. On the other hand, pressure was falling steadily in the south of the country and during the morning of the 13th a depression formed off south-west England. This depression deepened very rapidly on the 14th bringing about 50 mm of rain to Chivenor and the Isles of Scilly. A pronounced trough of low pressure, associated with this depression, brought exceptionally heavy rain and thunderstorms to south-east England, and as the depression moved first south-eastwards and then north-eastwards across northern France, rain, frequently heavy, continued over much of the south-east England throughout the 14th, 15th and 16th. During these three days parts of Kent, Surrey and Essex had between 150 and 200 mm of rain. The highest daily totals occurred in the area of the North Downs; West Malling recorded 108 mm on the 14th. Also on the 14th a fall of 57 mm in 42 min. was recorded at Purleigh, Essex, and it is estimated that an intensity of this order can be expected only on one day in about 200 years. The rain led to widespread and disastrous flooding in Kent, Essex, Surrey, Sussex and East Anglia, the floods being particularly prolonged in the East Molesey area.

To the north of the country, however, pressure remained high on the 14th/16th and, in sharp contrast to the heavy rain in the south, weather in Scotland, Northern Ireland and north-west England was fine and dry with more than 11 hours of sunshine in places on the 15th. This fine weather spread to most other districts on the 17th and 18th although heavy rain returned to Kent on the 17th.

The remainder of the month was very unsettled as a succession of depressions moved eastwards across the country. All areas had frequent showers and there was more general rain at times, particularly on the 25th and 27th.

Pressure and Wind — Mean pressure was below the 1931-60 average except in the extreme north, the deviation at 0900 GMT ranging from +0.8 mb at Lerwick to -5.6 at Ross-on-Wye and Rhooose. Surface wind was mainly light and variable or south-easterly until the 19th apart from a period of north-easterlies from the 14th until the 17th. South-westerly winds predominated from the 20th until the end of the month. Gales were reported on 4 days in Scotland and on 6 days in England and Wales. A gust of 58 kt was recorded at Valley on the 27th.

Temperature — Although mean day temperatures for the month in England and Wales and in eastern Scotland were below the 1931-60 average, there was a mild spell during the second week when temperatures in parts of eastern England rose to 25°C.

Extremes included: (England and Wales) 25.6°C at Camden Square and Gillingham, Kent, on the 10th, -0.6°C at Moor House on the 25th; (Scotland) 22.8°C at Stanhope Farm and at Threave on the 9th, -2.8°C at Balmoral on the 19th; ((Northern Ireland) 21.4°C at Strabane Convent on the 9th, 0.0°C at Greenmount on the 17th.

Rainfall — The outstanding feature of the month was the heavy rainfall in south-east England on the 14th, 15th and 16th. Over England and Wales as a whole it was the wettest September since 1927 with rainfall nearly twice the average. In parts of Kent, Essex, the London area, Surrey and Sussex rainfall exceeded four times the average while at Whitstable, Kent, more than five times the average amount was recorded. In Scotland rainfall was above average over all southern districts and over a small area around the Moray Firth, elsewhere it was below the average. While several places in southern Scotland had over twice their September average, large areas in the north and north-west had less than half their average amount of rain. In Northern Ireland rainfall was mostly above the average and was twice the average locally in Counties Down, Armagh and Fermanagh.

Thunderstorms were widespread on the 2nd and 12th in Scotland and on the 13th and 17th in England and Wales; isolated outbreaks were reported elsewhere on 13 other days mainly during the first three weeks of the month.

Sunshine — Sunshine was below the average over the whole of Scotland except in the Western Isles and in a few places near the west coast. At Stornoway sunshine was 118 per cent of average. In England and Wales it was mainly below average except for a few areas in the south and west. Percentages of average ranged from 62 at Berwick-on-Tweed to 113 at Scilly.

Fog — Fog at 0900 GMT was reported at one place or another on 15 days in Scotland and on 21 days in England and Wales mainly during the first three weeks. Patches of sea fog affected the east coast of Scotland and the north-east coast of England from the 5th until the 12th.

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

TABLE I—DISTRICT VALUES, SEPTEMBER, 1968

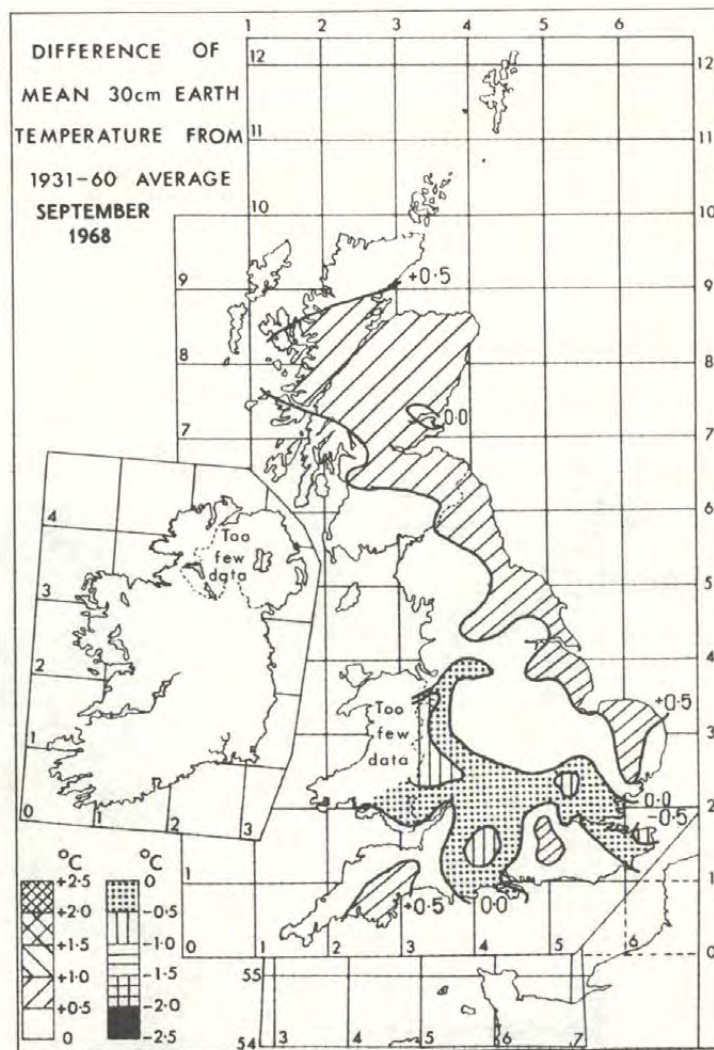
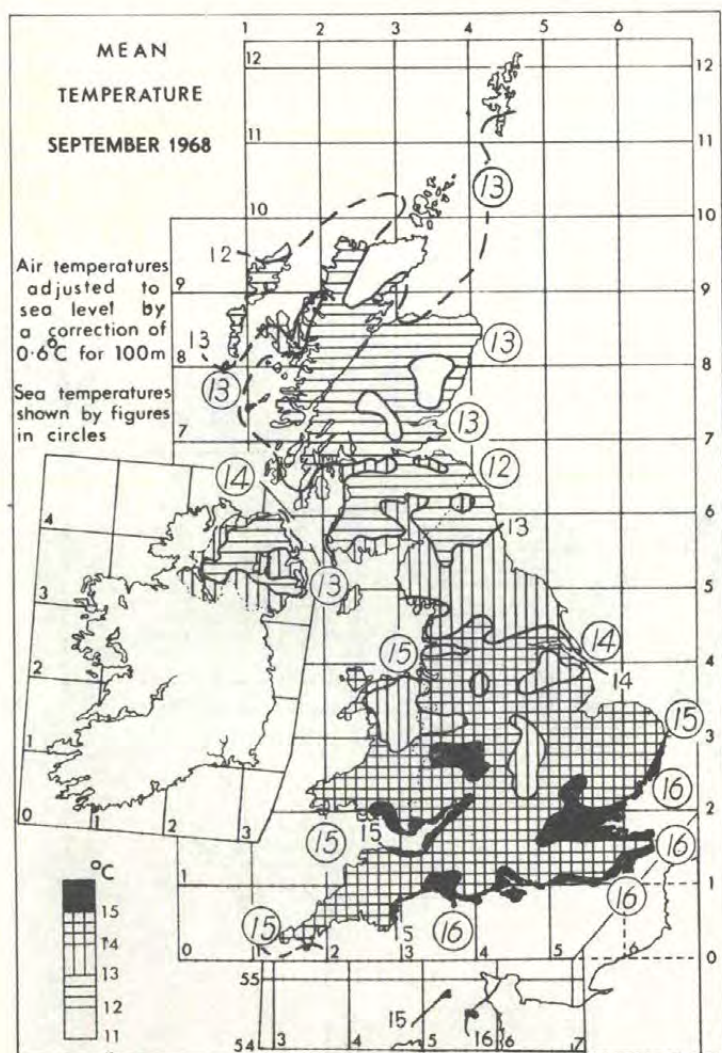
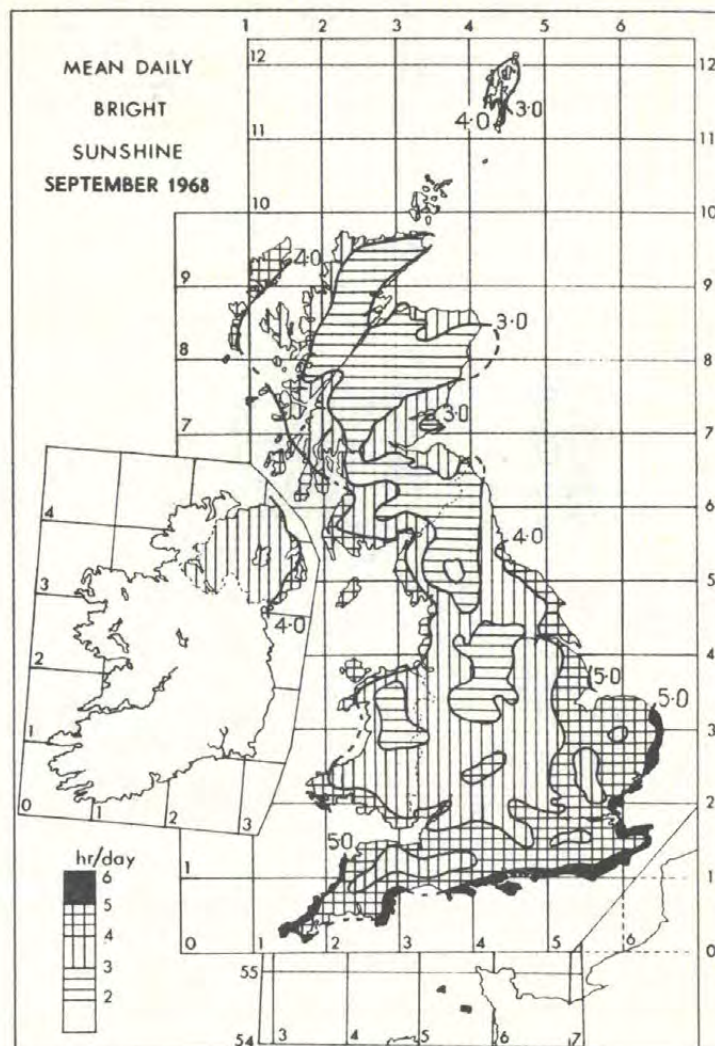
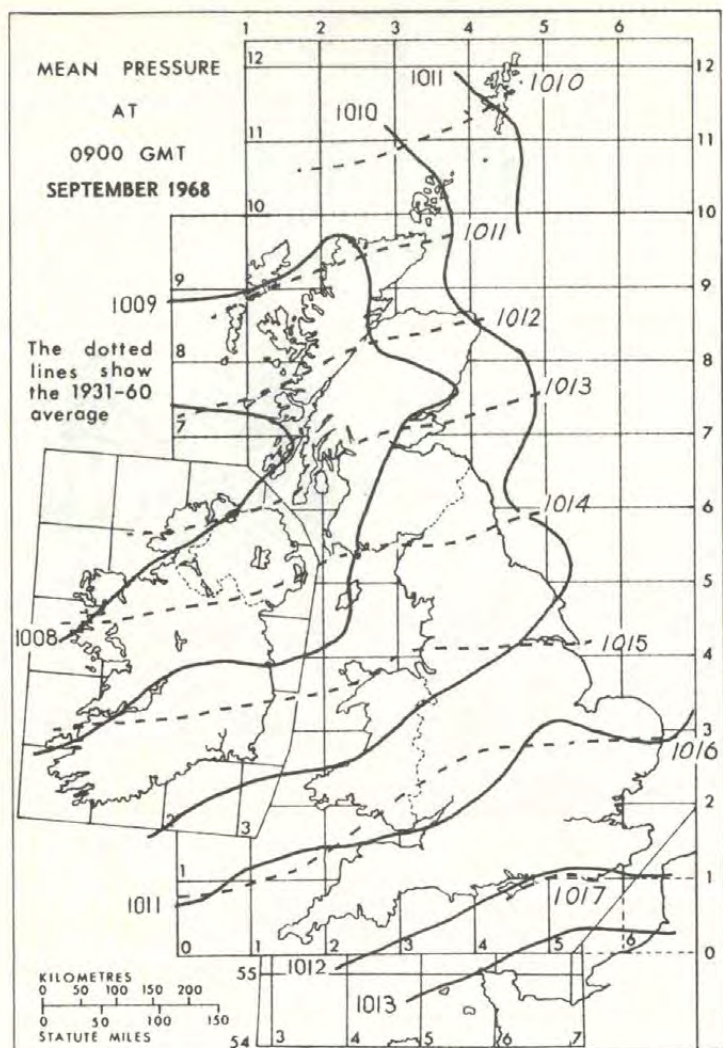
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C.		RAIN DAYS	RAIN- FALL	SUN- SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122cm.			
Difference from Average							% of Average			
0 SCOTLAND, N.	19.4	2.0	+0.1	+0.1	+0.1	+0.4	0.0	+6	69	87
1 SCOTLAND, E.	21.7	3.9	-0.7	+0.6	0.0	+0.5	+0.2	+2	114	73
2 ENGLAND, N.E.	24.0	0.6	-0.4	+0.6	+0.1	+0.5	+0.2	+3	204	93
3 ENGLAND, E.	25.0	4.4	-0.4	+0.8	+0.2	+0.2	-0.2	+4	259	90
4 MIDLANDS	24.4	4.4	-0.5	+0.6	0.0	+0.1	0.0	+6	218	80
5 ENGLAND, S.E.	24.3	4.1	-0.3	+0.9	+0.3	-0.3	-0.4	+6	244	95
6 SCOTLAND, W.	22.0	0.2	0.0	+0.2	+0.1	+0.4	-0.1	-1	159	94
7 ENGLAND, N.W. and N. Wales	24.1	5.0	-0.2	+0.6	+0.2	+0.1	+0.1	+2	198	92
8 ENGLAND, S.W. and S. Wales	23.9	3.9	-0.4	+0.7	-0.2	+0.3	+0.1	+3	137	92
N. IRELAND	21.1	1.1	0.0	-0.3	-0.1	-	-	-2	141	103
SCOTLAND	22.0	0.2	-0.2	+0.3	+0.1	-	-	+2	101	85
ENG. and WALES	25.0	0.6	-0.4	+0.7	+0.1	-	-	+4	196	90

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

FH 3 A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— SEPTEMBER, 1968

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 23		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	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
0	Zetland	Lerwick	93	10	10	-	0	6	58	279	338	45	0	11.1	190	28	27	24	030	43	23	2205	
	Orkney	Kirkwall	41	15	10	-	0	7	31	351	250	88	0	11.1	150	28	28	04	180	43	28	0625	
	Caithness	Dounreay	34	12	9	-	0	8	42	295	261	121	1	10.4	290	29	30	16	290	43	30	1510	
		Wick	45	10	10	-	0	4	15	301	305	99	0	9.8	120	26	25	23	140	43	28	0115	
	Sutherland	Shin	24	10	10	-	0	1	5	76	299	340	0	4.7	290	24	30	13	290	49	30	1135	
	Ross &	Stormoway (C'Guard)	37	12	11	-	0	6	27	324	225	144	0	10.2	300	27	30	11	300	44	30	0950	
	Cromarty	Duirinish	38	20	17	-	0	0	0	67	484	157	12	6.0	280	19	30	05	290	41	30	0420	
	Inverness	Benbecula	16	10	10	-	0	7	46	357	275	42	0	11.8	260	28	30	03	280	49	30	1105	
		Corrach	23	15	12	-	0	1	1	149	245	304	21	5.9	240	23	30	03	150	45	26	2340	
		Fort Augustus (N.S.H.B.)	58	16	16	-	0	1	1	73	370	276	0	5.2	160	22	10	07	150	47	10	0530	
		Dalcross	21	10	10	-	0	0	0	126	298	296	0	5.6	040	19	20	21	270	34	30	0350	
		Cairngorm	1074	9	9	-	0	12	135	279	233	73	1	12.9	-	33	25	18	-	55	10	0545	
1	Moray	Kinloss	17	13	13	-	0	3	6	211	367	136	0	8.2	270	25	30	14	280	37	30	1410	
		Lossiemouth	31	24	18	-	0	2	4	192	370	153	1	7.9	280	27	30	16	290	44	30	1440	
	Aberdeen	Dyce	71	9	9	-	0	2	9	197	367	147	0	8.0	160	28	28	01	180	49	27	1845	
	Angus	Bell Rock	39	40	38	-	0	10	74	332	214	100	0	12.3	170	32	27	23	250	46	28	0945	
	Perth	Rannoch	307	17	17	-	0	0	0	36	366	318	0	4.1	270	18	30	19	280	37	30	1340	
		Tummel Bridge	161	16	16	-	0	0	3	15	226	330	149	0	8.6	240	28	28	12	240	41	28	1130
	Fife	Leuchars	24	12	12	-	0	5	46	275	244	134	21	10.3	250	33	30	13	200	50	28	0820	
	West Lothian	Forth Road Bridge...	72	-	72	-	0	3	9	152	381	178	0	7.2	190	24	27	22	190	46	27	2155	
	Midlothian	Turnhouse	42	12	10	-	0	3	9	87	309	193	124	0	12.1	140	37	27	01	140	55	27	0025
6a	Argyll	Tiree	27	18	14	-	26, 27	7	9	87	309	193	124	0	9.1	230	26	28	12	260	39	30	0930
	Dunbarton	Cumbernauld	166	10	10	-	-	0	3	24	208	325	104	59	9.1	230	26	28	12	260	39	30	0930
	Renfrew	Paisley	57	25	9	-	-	0	1	4	72	252	392	0	4.3	180	25	28	02	200	46	28	0505
		Abbotsinch	16	10	10	-	-	0	2	6	154	348	212	0	7.0	200	24	28	06	280	42	30	1040
	Lanark	Lowther Hill	736	13	10	-	20, 27, 28, 30	25	14	141	261	215	59	19	14.6	180	42	27	24	180	63	27	2310
	Ayr	Hunterston	13	9	9	-	-	0	3	7	151	376	186	0	7.5	160	24	27	22	160	37	27	1920
		Prestwick	21	10	10	-	-	0	1	1	153	344	222	0	6.9	120	25	9	22	210	43	28	0400
	Dumfries	Chapelcross	94	15	15	-	-	0	3	23	130	319	248	0	6.8	280	30	30	15	190	49	28	0040
		Eskdalemuir	259	10	10	-	-	0	2	17	230	343	130	0	9.0	200	27	27	21	200	44	27	2230
	Wigtown	West Freugh	25	10	10	-	-	7	7	36	281	304	92	0	11.0	190	37	27	22	210	55	20	0720
6b	Isle of Man	Ronaldsway	25	10	10	-	20, 27	0	13	90	375	208	47	0	13.6	230	32	28	04	210	54	27	2235
		Point of Ayre	20	10	10	-	-	0	1	4	99	234	315	68	5.0	270	23	28	12	250	48	28	0950
2	Durham	Durham	119	16	10	-	-	0	1	2	177	381	160	0	7.6	130	26	20	05	130	38	20	0555
		South Shields	22	17	13	-	-	0	2	5	182	334	199	0	7.3	050	24	15	13	240	36	28	1135
	Yorks, N.R.	Leeming	42	10	10	-	-	0	5	36	312	272	100	0	10.5	200	28	28	09	210	43	28	0955
		Middlesbrough	23	19	19	-	-	0	3	22	232	309	157	0	8.7	220	26	28	09	230	39	28	1035
		Silpho Moor...	207	15	9	-	-	0	6	51	288	299	82	0	10.7	030	26	16	07	230	40	20	2155
	Yorks, E.R.	Leconfield	18	10	10	-	-	0	4	29	291	332	68	0	10.2	040	28	16	06	030	39	16	0425
	Lincoln	Cranwell	76	12	12	-	-	0	13	92	244	281	102	0	11.5	030	35	15	18	040	50	15	1225
		Binbrook	118	10	10	-	-	0	0	0	13	36	21	0	6.8	230	21	20	20	230	42	20	1940
		Manby	26	10	10	-	-	0	6	39	299	305	77	0	10.5	200	29	20	17	200	47	20	1625
3	Norfolk	Gorleston	16	13	13	-	15	0	7	41	339	280	60	0	11.3	230	31	20	16	260	48	20	1540
	Suffolk	Mildenhall	30	25	18	-	-	0	0	0	59	411	250	0	5.6	220	17	20	15	220	39	20	1500
	Bedford	Bedford	98	13	9	-	-	0	0	0	76	424	220	0	5.8	020	18	15	20	220	41	20	1450
		Cardington	69	41	41	-	-	0	0	0	170	371	179	0	7.2	210	19	20	16	290	35	23	1605
	Hertford	Garston	94	15	10	-	-	0	9	80	392	216	32	0	13.7	220	32	20	14	220	52	20	1335
		Rothamsted	141	13	10	-	-	0	4	16	206	360	138	0	8.4	030	25	15	13	210	40	28	1010
	Essex	Stansted	107	9	9	-	-	0	1	1	152	486	81	0	6.1	360	22	15	22	240	40	20	1545
		Coryton	20	17	15	-	-	0	3	5	292	376	47	0	9.9	040	22	15	14	040	40	15	1110
		Shoeburyness	36	32	28	-	-	0	1	5	148	410	96	61	6.3	220	24	20	15	220	56	20	1615
4	Yorks, W.R.	Sheffield	162	25	11	-	-	0	0	0	187	361	172	0	7.4	230	21	20	15	230	45	20	1410
		Church Fenton	18	10	10	-	-	0	6	28	254	268	170	0	9.3	240	27	20	16	230	43	20	1245
	Warwick	Edgbaston	196	36	22	-	-	0	1	5	326	364	25	0	10.3	230	26	20	15	240	45	20	1435
		Elmdon	105	9	9	-	-	0	2	11	270	386	53	0	9.4	220	27	20	15	210	45	20	1345
	Buckingham	Amersham	152	15	15	-	-	0	1	6	199	375	140	0	8.0	240	27	20	15	240	44	20	1410
	Stafford	Keele	215	15	10	-	-	0	3	5	292	376	47	0	9.9	040	22	15	14	040	40	15	1110
	Worcester	Pershore	47	10	10	-	-	0	1	5	148	410	96	61	6.3	220	24	20	15	220	56	20	1615
5	Greater London	London/W. Centre	93	70	38	-	-	0	0	0	187	361	172	0	7.4	230	21						



RAINFALL

SEPTEMBER 1968

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

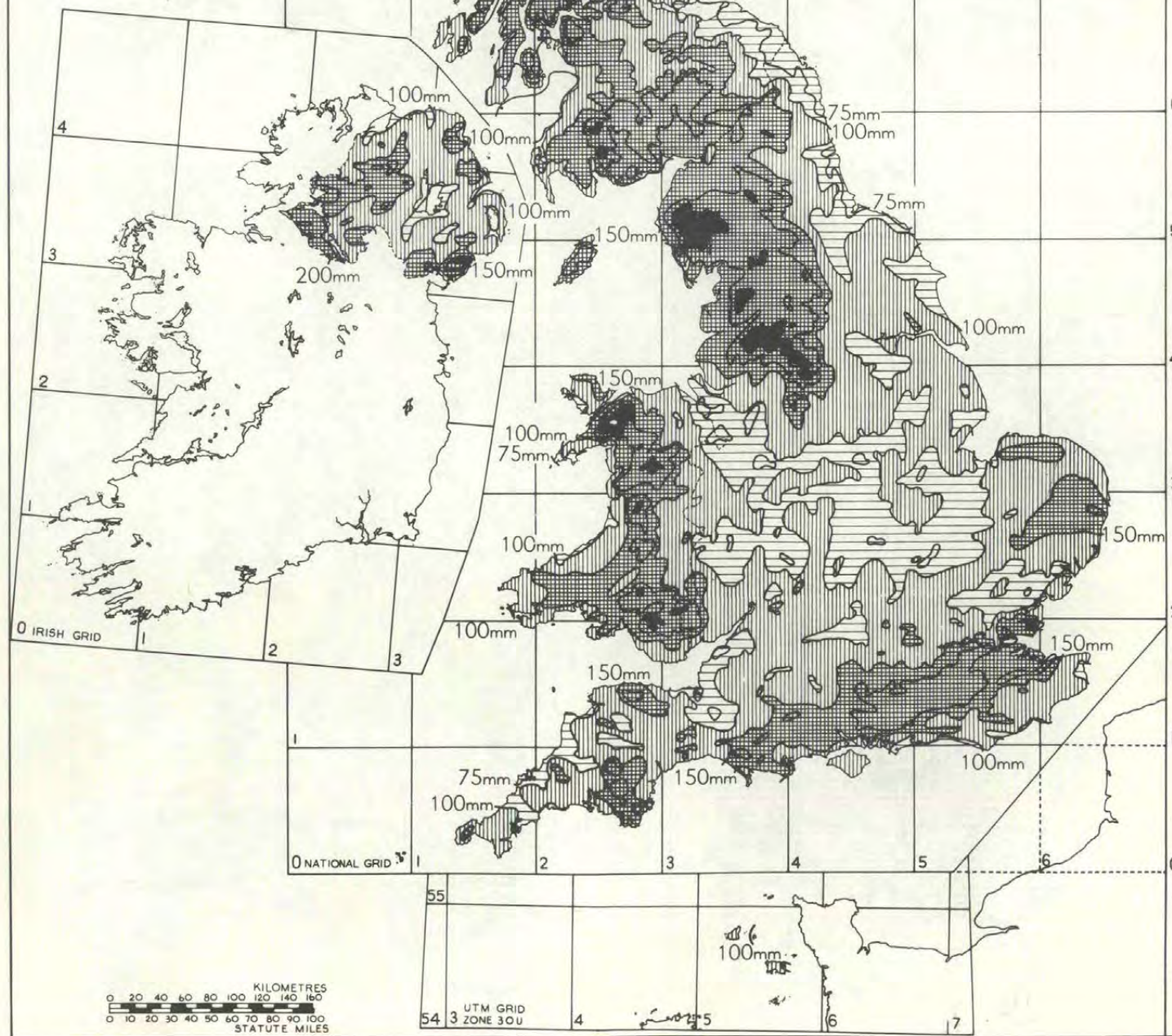
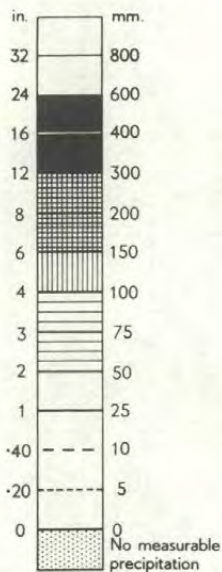


TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1968

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				MEANS OF		Daily Mean (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	Concrete min. below -°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
				Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	30 cm.	122 cm.	102	152	15	12	20	18	0	0	0	0	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	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 SEPTEMBER, 1968

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation Min.	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		Daily Mean (Mean of A & B) Differences from 1931-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM				Total fall (mm.)			Percentage of 1931-60 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure				
				Max. (A)	Min. (B)		Maximum	Date	Minimum	Date		Amount (mm.)	Date		0.2 mm. or more or less	1.0 mm. or more or less																		
6b ISLE OF MAN	Ronaldsway ...	21-9	17	16.2	10.6	13.4	-	19.2	9	6.9	7	-	-	163	201	32	20	16	15	0	0	0	0	0	0	0	0	0	0	2	4.54	-	-	
	Douglas ...	9 9	87	15.4	10.7	13.1	0.0	18.3	9	7.8	25	-	-	181	169	41	25	17	15	0	0	0	0	0	0	0	0	0	0	-	4.75	103	-	
	Point of Ayre ...	21-9	9	16.2	11.0	13.6	-	19.0	9	6.0	13	-	-	113	154	19	25	16	16	0	0	0	0	0	0	0	0	0	0	3	4.58	-	-	
2 ENGLAND, N.E.	Kielder Castle ...	9 9	201	15.4	7.3	11.3	-	20.6	10	1.7	18,24	13.3	-	169	153	40	12	21	17	0	0	0	0	2	5	0	0	0	0	0	-	-	-	
Northumbria	Haydon Bridge ...	9 9	79	16.8	8.3	12.5	-	21.7	9	2.8	7	14.1	14.2	147	-	28	12	19	15	0	0	0	0	0	1	0	0	0	0	0	-	-	-	
	Corbridge ...	9 9	49	16.7	8.4	12.5	-	20.6	9	2.8	7,19	-	-	129	-	40	12	19	14	0	0	0	0	0	1	2	0	0	0	0	-	-	-	
	Berwick-on-Tweed †	9 9	23	14.8	9.6	12.2	-0.2	17.8	6,26	5.6	4	-	-	68	133	12	23	18	14	0	0	0	0	0	1	3	0	-	-	0	2.82	62	-	
	Cockle Park ...	9 9	99																															
	Acklington ¶	21-9	42	15.7	9.4	12.5	+0.4	19.3	26	5.0	3	-	-	71	124	10	1	17	11	0	0	0	0	0	1	4	0	0	0	3.09	-	-	-	
	Tynemouth §	21-9	29	15.2	10.9	13.1	-0.1	18.9	26	8.2	24,25	-	-	67	113	10	30	14	11	0	0	0	0	0	2	3	0	0	0	2	3.75	91	-	
	Seahouses	21-9	11	14.9	10.0	12.5	-	18.2	2	6.1	18	-	-	62	-	15	23	15	10	0	0	0	0	0	0	3	0	0	0	0	2.99	-	-	
Durham	Chopwellwood ...	9 9	136	16.0	9.1	12.5	0.0	19.4	6,9	5.0	5	-	-	120	191	22	12	17	13	-	0	-	-	-	1	0	2	-	-	-	-	-	-	
	Ushaw College ...	9 9	181	15.8	(7.0)(11.4)	(-1.1)	19.4	6,9,27	4.4	25	-	-	-	126	192	25	12	15	13	-	0	-	-	-	2	5	0	0	0	0	4.04	101	-	
	Houghall	9 9	37	17.1	8.6	12.9	+0.3	21.1	26	2.8	4	-	-	117	190	30	12	18	13	0	0	0	0	0	2	0	0	0	0	0	3.82	93	-	
	Durham ¶§€	9 9	102	17.0	9.2	13.1	+0.4	21.1	6	5.0	4	14.2	13.8	114	189	28	12	16	11	-	0	-	-	-	3	0	0	-	-	0	3.98	-	-	
	Hartlepool ...	9 9	9	16.8	10.7	13.7	-	20.6	26	7.8	1,25	-	-	65	118	19	20	13	10	0	0	0	0	0	0	3	0	0	0	0	3.98	-	-	
	Thirsk ...	9 9	34	17.3	9.7	13.5	-	23.9	6	5.6	3,24,30	-	-	91	-	15	19	17	13	0	0	0	0	0	4	4	0	0	0	0	-	-	-	
Yorks., N. Riding	Leeming ...	21-9	32	17.3	9.7	13.5	-	23.0	10	5.3	3	-	-	85	-	16	11	19	12	0	0	0	0	0	1	1	0	0	0	3.61	-	-	-	
	York (Heslington)	9 9	20	17.1	10.3	13.7	-	22.8	10	6.1	1,3	14.3	14.2	112	-	21	20	19	15	-	0	-	-	-	2	0	0	0	0	0	3.75	-	-	
	Ampleforth ...	9 9	95	16.7	9.6	13.1	0.0	22.2	10	5.6	25,30	-	-	121	186	23	20	20	15	0	-	0	0	1	6	0	1	-	0	3.76	92	-	-	
	Redcar ...	9 9	8	16.7	10.7	13.7	-	20.0	5	7.2	7,19,25	-	-	53	102	15	20	18	13	-	0	-	-	-	0	0	-	-	-	4.36	-	-	-	
	Pickering ...	9 9	44	17.4	9.0	13.2	-	22.0	6	2.6	1,25	-	-	97	-	23	20	21	15	0	0	0	0	0	2	1	0	0	0	0	-	-	-	
	Whitby ...	9 9	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Scarborough ...	9 9	36	16.6	11.1	13.9	-0.2	21.1	6	7.2	25	15.1	14.3	83	156	26	20	14	11	0	0	0	0	0	0	3	0	0	0	4.25	94	-	-	
	Silpho Moor ...	9 9	203	15.8	8.7	12.3	-	19.4	6	3.3	19	12.5	-	117	170	21	20	22	14	0	0	0	0	0	0	9	0	0	0	0	4.41	-	-	-
Yorks., E. Riding	Whitby C'Guard	21-9	63	15.7	-	-	-	18.7	26	-	-	-	-	66	-	14	20	15	10	0	0	0	0	0	0	5	-	-	0	3	-	-	-	
	High Mowthorpe	9 9	175	15.9	9.3	12.6	-	20.5	10	5.0	25	13.6	-	104	201	20	20	20	16	0	0	0	0	0	0	4	0	0	0	3.79	-	-	-	
	Hull ... ¶§€	9 9	2	17.7	11.1	14.4	0.0	22.2	6,10	7.2	18,19,25	14.8	14.1	178	343	70	11	19	13	0	0	0	0	2	1	0	0	0	0	4.14	95	-	-	
	Leconfield ...	21-9	7	17.5	10.1	13.8	-	23.0	10	5.2	19	-	-	114	-	23	20	17	14	0	0	0	0	0	2	3	0	0	0	4.25	-	-	-	
	Filey ...	9 9	37	16.0	9.6	12.8	-	20.0	6	2.8	30	-	-	82	150	21	20	14	11	0	0	0	0	0	2	2	0	0	0	4.51	-	-	-	
	Bridlington ¶§	9 9	48	16.1	9.9	13.0	-0.1	20.6	6	4.4	19,25	-	-	78	135	20	20	17	12	0	0	0	0	0	0	3	0	0	0	2.45	98	-	-	
	Kilnsea ...	21-9	12	16.0	11.1	13.5	-	20.0	6	5.6	25	-	-	115	-	35	11	15	12	0	0	0	0	0	1	5	0	-	2	4.76	-	-	-	
Lincoln	Waddington ...	21-9	68	17.2	10.0	13.6	-0.2	23.4	10	5.6	19	-	-	84	-	17	11	19	12	0	0	0	0	2	0	0	0	0	0	3.78	-	-	-	
	Lincoln ... €	9 9	7	17.8	9.7	13.7	-	24.4	10	2.8	25	15.1	14.5	93	190	27	11	20	12	0	0	0	0	2	0	0	0	0	0	3.79	-	-	-	
	Cranwell ... ¶§€	9 9	62	17.5	9.8	13.7	-0.1	24.0	10	5.5	19	14.7	14.8	117	230	31	11	15	13	0	0	0	0	2	2	0	1	-	1	3.93	86	-	-	
	Brigg ...	9 9	3	17.9	9.8	13.9	-	23.9	10	5.6	1,18	-	-	104	-	20	20	17	14	0	0	0	0	0	3	1	0	2	0	0	-	-	-	
	Caistor ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Binbrook ...	21-9	108	16.6	10.5	13.5	-	22.7	10	7.4	30	-	-	116	-	18	15	17	13	0	0	0	0	0	3	2	0	0	0	0	-	-	-	
	Cleethorpes ...	9 9	7	17.2	11.4	14.3	-0.1	22.8	6	8.3	3,30	-	-	117	250	20	10	16	13	-	0	-	-	-	0	0	0	0	0	0	4.03	84	-	-
	Manby ...	21-9	17	17.4	10.4	13.7	-	22.0	6,10	6.0	19	15.4	-	104	213	21	11	14	12	0	0	0	1	4	0	0	0	0	0	4.56	-	-	-	
	Skegness ...	9 9	5	17.6	10.9	14.3	+0.1	21.7	6	6.7	19	-	-	107	209	26	10	18	14	0	0	0	0	0	0	0	0	0	0	4.99	103	-	-	
3 ENGLAND, E.	Terrington St. Cl.	9 9	4	18.2	10.3	14.3	-	24.4	10	3.9	19	14.7	-	89	194	27	11	17	14	0	0	0	0	0	0	0	0	1	-	0	4.29	-	-	
Norfolk	Santon Downham	9 9	24	18.6	9.1	13.9	-	25.0	10	0.6	19	15.1	14.6	108	178	35	15	15	13	-	0	-	-	-	0	2	-	-	0	(3.57)	-	-	-	
	East Dereham ...	9 9	53	18.8	10.3	14.5	-	23.2	10	4.5	19	-	-	125	-	38	15	20	16	0	0	0	0	0	3	2	0	0	0	0	-	-	-	
	West Raynham ...	21-9	76	17.7	10.3	14.0	+0.2	24.2	10	5.3	19	-	-	131	193	38	11	18	14	0	0	1	0	2	0	0	0	0	1	4.54	93	-	-	
	Cromer ...	9 9	54	17.3	10.6	13.9	-0.8	23.3	10	7.8	25	-	-	99	165	28	15	17	13	-	0	-	-	-	0	0	0	-	-	4.42	89	-	-	
	Sproston ¶§	9 9	28	18.3	-	-	-	23.3	10	5.6	25	14.7	-	164	282	68	15	14	13	0	0	1	0	4	-	0	0	0	0	0	4.23	88	-	-
	Coltishall ...	21-9	17	18.1	10.4	14.3	-	23.0	10	5.4	25	-	-	114	-	43	15	16	13	0	0	2	0	6	1	0	0	0	0	0	-	-	-	
	Burlington ...	9 9	27	18.2	10.7	14.5	-	22.8	10	6.7	25	-	-	156	274	88	15	15	14	0	0	1	0	2	0	0	0	0	0	5.22	-	-	-	
	Gorleston ¶§€	21-9	4	17.7	12.0	14.9	+0.1	22.0	5	8.0	25	16.0	15.2	127	223	77	15	16	14	0	0	0	0	0	4	0	0	0	0	1	5.00	98	-	-
Suffolk	Mildenhall ...	21-9	5	18.6	11.2	14.9	+0.4	25.2	10	4.3	19	-	-	111	218	35	15	18	15	0	0	0	1	2	0	0	0	0	0	4.36	93	-	-	
	Broom's Barn ...	9 9	75	17.																														

* Botanic Gardens ** National Institute of Agricultural Botany † Used as District Value Station for temperature and sunshine for District 1

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1968

DISTRICT, COUNTY AND PLACE		Max. Min.	Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °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 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date																					
4 MIDLAND COUNTIES																																	
Yorkshire		99	192	15.3	9.3	12.3	-	19.4	9,13	5.0	3.7	-	-	255	173	42	20	22	18	0	0	0	0	0	0	0	0	0	0	0	3.06	-	-
W. Riding		99	395	13.7	8.6	11.1	-	18.3	10	5.0	25	12.7	-	279	216	35	11	18	17	0	0	0	0	1	0	1	0	0	1	2.87	-	-	
Huddersfield		99	99	16.7	10.1	13.4	-	22.2	10	5.6	25	14.1	13.9	141	224	42	20	19	19	0	0	0	0	3	0	0	0	0	0	2.42	-	65	
Oakes		21-9	235	15.7	9.7	13.2	-	21.0	10	5.4	25	13.1	12.5	212	286	59	20	23	20	0	0	0	0	5	1	0	0	0	2	2.67	70	-	
Bradford		99	134	16.2	10.1	13.1	0.0	21.7	10	6.7	25	13.9	14.1	209	317	49	20	23	19	0	0	1	0	4	1	0	0	0	0	-	-	8	
Ilkley		99	96	16.8	9.5	13.7	+0.6	22.8	10	5.0	3	-	-	199	268	39	20	20	19	0	0	0	0	0	1	0	0	0	0	3.08	80	-	
Sheffield		99	131	17.2	10.6	(13.9)	(+0.1)	22.8	10	6.7	25	14.3	14.3	155	263	29	23	18	16	0	0	0	0	2	-	0	0	0	0	2.87	81	-	
Pontefract		99	78	17.1	10.3	13.8	+0.3	23.3	10	7.2	3,25	-	-	76	152	15	20	19	12	0	0	0	0	2	4	0	0	0	0	2.04	78	-	
Bramham		99	54	17.0	9.1	13.1	-	23.3	10	4.4	1	-	-	143	317	41	11	20	16	0	0	0	0	0	2	0	0	0	0	3.18	-	-	
Cawood		99	6	17.2	9.6	13.4	-	23.3	10	5.6	1	14.4	14.4	113	216	39	11	18	12	0	0	0	0	2	3	0	0	0	0	2.92	-	-	
Askham Bryan		99	34	17.6	9.8	13.7	-	23.3	10	6.1	3	-	-	151	275	62	11	19	14	0	0	0	0	0	3	0	0	0	0	(4.33)	(110)	-	
Derby		99	307	14.6	9.3	11.9	+0.1	20.0	10	5.0	7	12.8	13.2	202	202	57	20	19	18	0	0	0	0	1	7	0	0	0	0	2.89	81	-	
Ashover		99	186	16.1	9.4	12.7	-	22.2	10	4.4	25	-	-	133	-	20	1	18	14	0	0	0	0	3	8	0	0	0	3	2.78	-	-	
Derby		99	48	17.8	10.6	14.2	-	23.9	10	6.1	3	-	-	80	131	14	1	18	14	0	0	0	0	1	0	0	0	0	1	3.01	-	-	
Morley		99	107	17.0	10.0	13.5	-	22.2	10	6.7	25	-	-	90	145	17	1	18	15	-	0	-	-	1	-	0	0	0	0	3.51	-	-	
Nottingham		99	48	17.8	9.6	13.7	+0.1	23.3	10	3.9	18	14.6	14.1	82	174	17	1	18	14	0	0	0	0	3	0	0	1	-	1	3.44	86	-	
Wattall		21-9	118	17.4	10.1	13.7	+0.1	23.1	10	6.5	25	-	-	108	192	20	1	16	13	0	0	0	0	4	2	0	0	0	0	2.94	73	-	
Nottingham T.C.*		99	48	18.2	9.9	14.1	-	23.3	10	6.7	2	-	-	101	-	19	10	20	13	-	-	-	-	-	0	0	0	0	0	-	-	-	
Mansfield		99	110	17.0	9.1	13.1	-0.5	23.3	10	6.1	25	13.8	-	125	232	19	13	18	13	0	0	0	0	4	9	0	-	0	0	-	-	-	
Nottingham		99	59	17.8	10.5	14.1	-0.1	23.3	10	7.8	3,19,25	14.5	14.9	92	183	19	10	17	14	0	0	0	0	3	0	0	0	0	0	3.15	81	-	
Warsop		99	46	17.7	8.4	13.1	-	23.3	10	2.2	25	-	-	138	299	34	23	18	15	0	0	0	0	0	0	0	2	0	0	3.21	-	-	
Leicester		21-9	10	17.9	10.6	14.3	+0.4	24.8	10	5.9	3	-	-	116	-	20	11	18	13	0	0	0	0	5	1	0	1	-	0	3.18	-	-	
Newtown Linford		99	119	17.3	9.4	13.3	-	23.3	10	5.0	3	-	-	88	160	14	1	19	16	0	0	0	0	5	0	0	1	-	0	3.17	-	-	
Caldecott		99	53	18.4	9.3	12.9	-	25.0	10	3.3	19	-	-	119	247	30	10	16	15	-	0	-	-	-	0	0	0	0	0	3.39	-	-	
Northampton		99	69	-	9.3	-	-	-	-	4.4	19	14.2	13.8	83	159	23	1	17	13	-	0	0	0	0	1	0	-	-	0	3.76	-	-	
Raunds		99	59	18.1	9.8	13.9	-0.1	24.4	10	4.4	19	15.3	14.3	99	187	26	1	19	11	0	0	0	0	2	2	0	0	0	0	3.73	87	-	
Wittering		99	65	17.8	10.3	14.1	+0.1	24.3	10	4.5	19	-	-	107	215	21	27	17	14	0	0	0	0	4	5	0	0	0	0	3.67	-	-	
Warwick		99	137	17.3	10.3	13.8	-	22.8	9	7.2	18	-	-	115	185	17	10	19	17	0	0	0	0	2	1	0	-	0	0	-	-	-	
Edgbaston		21-9	163	17.0	10.8	13.9	+0.1	22.4	9	8.1	18	12.7	12.7	104	166	16	10	20	16	0	0	1	0	3	1	0	0	0	0	3.48	89	-	
Luddington		99	56	18.1	9.8	14.9	-	22.8	9	3.9	18	-	-	99	-	25	1	18	15	0	0	0	0	3	1	0	0	0	0	4.12	-	-	
Stratford on Avon		99	49	18.3	9.2	13.8	-	23.3	9	3.9	18	15.4	-	93	221	19	10	20	16	0	0	0	0	3	0	0	0	0	0	3.79	-	-	
Elmdon		21-9	97	17.5	9.7	13.6	+0.2	22.5	9	3.0	18	-	-	95	172	19	1	19	15	0	0	0	0	1	0	0	1	-	0	3.68	-	-	
Shipston on Stour		99	111	17.5	9.9	13.7	-	22.8	9	6.7	3	14.0	-	121	201	35	1	18	16	0	0	0	0	3	2	0	1	-	0	3.90	-	-	
Wellesbourne		99	47	17.8	(9.8)	(13.8)	-	23.3	9	5.0	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.17	-	-		
Coventry		99	107	17.4	9.9	13.7	-	21.7	9,10	7.2	18,19	13.4	14.0	-	-	-	-	-	-	-	-	-	0	0	0	2	0	0	0	3.60	-	-	
Moreton Morrell		99	85	18.0	10.2	14.1	-	23.3	9	5.6	18	-	-	106	183	27	1	19	18	0	0	0	0	0	2	0	0	0	0	3.97	-	-	
Rugby		99	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Oxford		21-9	84	17.8	10.2	14.0	-	23.2	9	6.6	25	-	-	102	-	20	10	21	16	0	0	0	0	1	3	0	0	0	0	0	-	-	
Brize Norton		99	63	18.0	11.1	14.5	+0.1	22.8	9,10	6.7	18	15.3	15.2	108	193	21	14	20	14	0	0	0	0	2	0	0	0	0	0	3.83	87	-	
Buckingham		99	30	18.6	9.5	14.1	-	23.9	10	5.0	1,4,18	-	-	129	-	49	15	20	15	-	-	-	-	-	0	0	0	0	0	-	-	-	
Medmenham		99	30	18.1	9.0	13.5	-	22.8	9,10	3.9	18	15.3	14.8	109	-	21	1	20	16	0	0	0	0	0	0	0	0	0	0	3.92	-	-	
Grendon Underwood		99	96	17.7	10.2	13.9	-	23.9	10	5.6	18	-	-	125	224	30	15	17	15	0	0	1	0	1	1	0	0	0	0	3.65	-	-	
Aylesbury		99	86	18.1	10.8	14.5	-	25.0	10	5.0	25	-	-	94	-	21	15	18	17	0	0	0	0	1	0	0	0	0	0				

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER,

1968

DISTRICT, COUNTY AND PLACE	Max. Temp. at Observation	Height of Station above MSL (feet)	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 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.	Concrete min. below °C.	Gale	Daily Mean (hr.)	Percentage of 1921-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
			Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1921-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
5 ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1968

[illegible]

* Conservancy Board

** City Boys' School

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS SEPTEMBER, 1968

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				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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-50 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.	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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-50 average	Exposure		
8b ENGLAND, S.W.—cont.																																
Devon -cont.	Plymouth, The Hoe	99	36	12.1	-	-	7.8	25	16.3	16.2	114	153	23	19	21	13	0	0	0	0	0	1	1	0	-	-	3	4.71	93	-		
	Tavistock	99	139	16.9	10.3	-0.3	5.6	3	-	-	127	-	22	25	23	18	0	0	0	0	0	0	0	0	0	0	0	-	-	-		
	Chivenor	21-9	6	17.9	11.9	-0.2	23.6	9	7.5	3	-	-	90	115	15	14	18	15	0	0	0	0	0	0	0	0	1	4.33	-	-		
	Ilfracombe	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Totnes	99	37	17.8	10.2	-	21.7	6,9	5.0	3,25	15.9	15.1	145	165	23	19	22	17	0	0	0	3	0	0	0	0	1	(4.65)	-	-		
	Slapton	99	32	17.4	11.7	-	20.0	6	7.2	3,25	-	-	160	-	29	25	22	18	0	0	0	0	1	0	0	0	0	-	-	-		
	Newton Abbot	99	83	17.7	10.9	0.0	22.2	10	6.7	25	-	-	149	196	28	13	19	16	0	0	0	1	0	0	0	0	0	5.38	111	-		
	Torbay (Torquay)	99	8	17.8	13.7	+0.8	22.2	10	8.0	25	-	16.3	129	192	22	13	19	16	0	0	0	1	0	0	0	0	3	5.55	107	-		
Cornwall	Teignmouth	99	6	17.8	12.4	0.0	21.1	10	8.3	25	-	-	86	152	18	19	18	14	0	0	0	0	0	0	-	-	0	5.63	111	-		
	Starcross	99	9	18.1	11.1	-	21.1	6,11	6.7	5	15.6	-	119	180	33	13	19	16	0	0	0	1	1	0	0	0	1	5.26	-	-		
	Exeter	21-9	32	17.9	11.0	-	21.2	10	6.0	5,25	-	-	98	148	20	19	18	15	0	0	0	2	1	0	0	0	0	4.18	-	-		
	Sidmouth	99	8	17.6	11.8	+0.1	20.0	6,10	7.8	25	-	-	92	141	17	25	18	14	-	-	-	-	0	0	0	-	-	4.27	87	-		
	Scilly	21-9	48	17.3	12.5	-0.3	19.9	11	7.6	28	-	-	122	194	43	13	20	13	0	0	0	2	1	0	0	0	2	5.85	113	-		
	Penzance	99	19	17.7	11.8	-0.4	20.6	10	7.2	3	-	-	119	148	12	18	21	15	0	0	0	0	0	0	0	0	0	5.72	110	-		
	Gulval	99	15	17.2	11.9	-0.3	20.0	9	7.8	3	-	-	101	133	13	19	19	17	-	-	-	-	0	0	0	0	-	5.36	107	-		
	Culdrose	99	82	16.9	11.5	-	21.3	9	6.4	3	-	-	111	161	17	2	18	15	0	0	0	0	0	0	0	0	0	4.82	-	-		
	Rosewarne	99	76	17.0	11.7	-	21.1	9	8.3	3	15.1	15.4	124	168	19	13	18	14	0	0	0	1	0	0	0	0	1	5.25	-	-		
	Lizard	99	73	16.8	12.5	-	20.0	6	10.2	3	-	-	82	136	23	1	17	12	0	0	0	1	-	-	-	-	2	5.38	-	-		
	Falmouth	99	51	17.2	11.7	-0.1	20.0	10	7.8	3	-	-	92	117	17	1	18	14	0	0	0	0	0	0	0	0	0	5.08	103	-		
	Newquay	99	54	17.1	11.9	-0.1	21.7	9	7.8	3	-	-	87	130	18	1	17	15	0	0	0	0	-	-	-	-	0	5.21	104	-		
	St. Mawgan	21-9	103	16.6	11.6	-	21.1	9	8.7	3	-	-	107	143	24	11	18	15	0	0	0	0	0	0	0	0	0	0	4.89	-	-	
	St. Austell	99	94	17.3	11.4	-	21.1	10,25	8.3	25	-	-	115	126	20	19	20	17	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Fowey	99	40	17.7	11.3	-0.4	21.7	6	6.7	3,25	-	-	100	-	17	25	18	16	0	0	0	0	0	0	0	-	-	1	-	-	-	
Bude	99	15	17.7	11.7	+0.2	23.9	9	6.1	3	15.8	-	81	108	17	13	16	13	-	-	-	-	0	-	-	-	-	-	-	-	-		
Ellbridge	99	58	17.5	10.6	-0.1	22.2	9	5.0	25	-	-	123	152	26	25	18	15	0	0	0	1	2	0	0	0	0	0	4.11	83	-		
9 NORTHERN IRELAND																																
Londonderry	Loughmore Forest	99	174	15.4	7.9	-	19.5	9	0.6	17	-	-	142	-	23	13	23	20	0	0	0	1	1	0	2	-	-	-	-	-	-	
	Ballykelly	21-9	2	16.6	9.5	+0.2	21.1	9	2.8	17,18	14.8	14.5	100	122	15	13	22	20	0	0	0	0	0	0	0	0	0	3.63	92	-		
Antrim	Derrynoyd Forest	99	88	16.1	8.4	-	20.0	9	1.7	18	-	-	145	-	29	13	20	19	0	0	0	0	1	0	3	-	-	-	-	-	-	
	Somerset Forest	99	43	16.4	8.3	-	20.5	10	2.0	18	-	-	129	-	18	3	23	17	0	0	0	1	0	0	0	0	-	-	-	-	-	
	Garvagh Forest	99	91	15.7	8.3	-	20.6	9	1.7	18	14.5	14.1	137	-	14	5	24	19	0	0	0	0	0	0	1	0	-	-	-	-	-	
	Moneydig	21-9	34	16.2	7.9	-0.4	20.4	9	1.1	18	14.3	-	115	121	19	3	20	18	0	0	0	1	0	0	5	0	-	-	-	-	-	
	Portrush Golf Club	99	9	-	-	-	-	-	-	-	-	-	114	-	22	3	19	16	-	-	-	-	-	-	-	-	-	3.85	-	-	-	
	Ballymoney	99	55	16.3	8.5	-	20.6	10	3.9	18	-	-	109	-	18	3	21	18	0	0	0	0	0	0	0	-	-	-	-	-	-	
	Lisnafillan	99	38	16.2	8.3	-	20.6	9	1.7	17	-	-	125	-	18	5	18	17	0	0	0	0	1	0	1	-	-	3.80	-	-	-	
	Aldergrove	21-9	69	16.0	9.2	-0.1	20.1	9	4.3	17	14.1	13.2	97	114	10	5	20	17	0	0	0	0	1	0	1	-	0	3.88	108	-		
	Greenmount	99	32	16.6	9.1	-	20.6	9	0.0	17	14.6	-	89	-	11	19	19	17	0	0	0	0	-	0	2	-	-	-	-	-	-	
	Altnahinch	99	226	14.2	8.7	-	18.9	9	4.4	17,18	-	-	164	-	27	3	21	16	0	0	0	1	0	0	0	0	3	3.53	-	-	-	-
	Parkmore Forest	99	235	14.1	7.9	-	18.3	9,10	4.4	17,18	13.0	-	174	-	26	3	20	17	0	0	0	0	0	0	0	0	1	-	-	-	-	-
	Black Mountain	21-9	295	14.2	8.7	-	18.3	9	6.4	17	-	-	134	-	19	19	19	18	0	0	0	0	0	0	0	0	-	1	-	-	-	-
	Lowtown	99	271	14.1	8.3	-	17.8	9	5.6	18	12.7	-	168	-	22	19	18	18	0	0	0	0	0	2	0	0	0	3.56	-	-	-	-
	Ballypatrick Forest	99	152	14.6	8.8	-	17.6	10	5.4	16,17	-	-	147	-	31	3	18	17	0	0	0	0	1	0	0	0	3	3.75	-	-	-	-
	Belfast, Malone	99	35	16.4	9.6	-	21.1	9	6.1	7,11,18	14.4	-	119	-	17	19	19	16	0	0	0	0	0	0	0	0	1	3.65	-	-	-	-
Newtownabbey	99	32	16.3	10.7	-	20.0	9	7.2	17,18	14.7	-	116	-	15	28	18	16	0	0	0	0	0	0	0	0	1	3.48	-	-	S	-	
Woodburn, North	99	217	14.6	7.9	-	18.3	9	2.2	7	-	-	151	141	21	19	20	18	0	0	0	0	6	0	0	0	0	0	-	-	-	-	
Larne	99	43	16.1	9.1	-	19.4	4,6	5.6	7,18	-	-	141	147	17	5	19	17	0	0	0	0	0	0	0	-	-	-	-	-	-	-	
Kilroot	99	22	15.9	8.9	-	18.9	9	5.0	7	-	-	105	-	18	19	19	16	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Down	Ballylumford	99	24	15.8	10.3	-	18.3	6,9,10	6.1	7	-	-	130	-	20	5	20	18	0	0	0	0	-	0	0	0	-	-	-	-	-	-
	Hillsborough	99	116	15.8	9.4	+0.3	19.4	9	5.0	17	13.6	12.8	95	123	9	5	19	17	0	0	0	0	0	1	-	0	3.95	109	-	-	-	
	Kilkeel	21-9	18	15.9	10.6	+0.4	17.9	12	6.8	7	-	-	113	-	23	19	23	14	0													

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER, 1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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	4-7	4-5	1-3	0									
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland Lerwick	83m.	3	1011.0	-	10.0	0.6	11.3	91	6.0	1	3	4	8	13	1	0	1	2	1	0	4	7	7	8	0	3	11	14	2	5	5	1	8	4	2	0	3		
		9	1011.1	+0.8	11.5	0.8	12.3	90	6.7	0	2	3	13	10	2	0	2	0	3	1	2	6	3	8	5	0	3	12	15	0	6	5	3	6	6	1	2	1	
		15	1011.1	-	12.1	1.3	12.0	84	6.6	0	2	4	13	10	1	0	0	0	2	1	2	6	3	8	8	0	2	13	14	1	3	8	2	6	4	2	4	0	
Orkney Kirkwall	26m.	21	1011.8	-	10.2	0.8	11.3	90	6.0	0	5	4	9	11	1	0	1	0	0	0	2	7	5	5	10	0	1	10	17	2	6	5	3	5	3	1	5	0	
		3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Caithness Wick	37m.	15	1009.2	-	10.3	0.6	11.6	92	5.6	2	6	2	6	12	2	0	1	3	0	2	2	5	3	6	8	0	0	15	13	2	4	2	2	10	5	2	1	2	
		3	1009.8	-1.3	11.9	1.1	12.2	87	5.8	0	7	2	14	5	2	0	1	1	0	0	4	7	1	4	12	0	0	14	15	1	6	2	3	9	5	0	3	1	
		9	1009.9	-	12.6	1.4	12.2	83	6.3	0	3	5	13	7	2	0	1	0	1	1	1	5	1	7	13	0	1	14	15	0	5	4	9	7	0	1	2	2	
Sutherland Cape Wrath*	113m.	21	1010.6	-	10.8	0.8	11.8	91	6.0	0	6	2	11	9	2	0	1	0	1	1	1	7	3	7	9	0	1	9	19	1	3	2	4	10	2	2	4	2	
		3	1008.2	-	11.4	1.4	11.2	82	5.7	0	5	6	8	10	1	0	0	1	0	0	0	1	7	21	0	4	9	12	5	0	5	8	8	2	1	1	0	0	
		9	1009.0	-	12.2	1.8	11.3	79	6.1	0	2	9	10	9	0	0	0	0	0	0	0	1	2	9	18	0	1	14	12	3	0	4	8	7	2	5	1	0	
Ross & Cromarty Stornoway	5m.	15	1009.5	-	12.8	1.9	11.6	78	6.6	0	7	10	11	2	0	1	1	0	0	0	0	3	3	19	1	3	8	16	2	0	5	11	5	0	5	2	0	0	
		3	1008.3	-	11.0	0.8	11.9	90	4.4	6	6	4	5	8	1	0	0	1	0	0	0	4	9	12	4	0	0	10	14	6	1	5	6	5	3	2	1	1	
		9	1009.2	-1.7	12.8	1.5	12.3	83	5.4	0	5	5	17	3	0	0	0	0	0	0	0	3	5	16	6	0	0	14	14	2	2	5	4	8	4	1	2	2	
Inverness Benbecula	6m.	15	1009.5	-	14.1	2.3	12.1	75	5.4	0	8	3	14	5	0	0	0	0	0	0	2	10	8	10	0	0	16	11	3	2	10	4	3	4	1	2	1		
		3	1009.6	-	11.6	1.1	11.9	87	4.5	4	8	2	8	7	1	0	0	1	0	0	0	3	9	8	9	0	0	12	15	3	2	7	5	5	3	2	0	3	
		9	1007.8	-2.3	11.1	0.8	12.0	90	5.4	2	4	5	14	5	0	0	0	0	0	1	0	3	9	10	7	0	2	10	14	4	2	5	3	10	2	1	3	0	
1 SCOTLAND, E.	6m.	15	1008.7	-	12.7	1.5	12.2	83	5.8	0	5	3	17	5	0	0	0	0	0	0	1	3	6	8	12	0	2	17	9	2	1	7	4	7	3	1	2	3	
		3	1009.1	-	14.0	2.4	11.8	73	5.6	0	2	10	12	6	0	0	0	0	0	0	1	4	5	4	16	0	3	18	8	1	1	4	3	11	2	2	3	3	
		21	1009.0	-	11.4	1.1	11.8	87	4.8	2	7	4	13	4	0	0	0	0	0	0	2	5	6	9	8	0	1	16	12	1	5	4	6	7	5	1	1	0	
Moray Kinloss	59m.	3	1009.3	-	10.3	0.8	11.3	89	5.9	1	3	6	9	11	0	0	0	0	1	1	0	5	5	12	6	0	0	6	20	4	2	1	8	7	2	5	1	0	
		9	1009.8	-1.7	12.9	1.5	12.3	82	6.2	1	3	2	19	5	0	0	0	0	0	0	0	6	5	7	12	0	0	12	17	1	2	3	7	6	2	7	0		
		15	1010.0	-	14.5	2.4	12.3	74	6.7	0	1	4	19	6	0	0	0	0	0	0	0	8	1	6	15	0	1	12	17	0	1	8	7	3	4	1	4	2	
Aberdeen Dyce	22m.	21	1010.7	-	11.1	1.0	11.6	87	5.7	0	3	8	11	8	0	0	0	0	0	1	3	5	6	6	9	0	0	5	23	2	2	3	13	3	2	3	1	1	
		3	1009.5	-	10.3	0.6	11.7	93	6.1	1	3	3	11	11	1	0	0	1	1	3	1	7	11	5	1	0	1	6	18	5	4	0	3	4	7	2	0	5	
		9	1009.5	-2.9	12.5	1.3	12.4	85	6.1	1	2	7	9	11	0	0	0	0	0	0	6	4	3	8	8	1	0	10	17	3	6	0	5	4	5	1	2	4	
Fraserburgh	35m.	15	1009.8	-	13.7	2.0	12.2	78	6.6	0	0	4	19	6	1	0	1	0	0	1	3	7	5	9	4	0	0	14	15	1	6	3	6	5	5	2	1	1	
		21	1010.8	-	10.9	0.7	12.0	91	5.8	0	5	7	6	10	2	0	1	3	3	3	4	11	2	3	0	0	7	20	3	4	1	2	7	5	2	2	4		
		3	1009.9	-	11.3	0.8	12.1	89	5.5	0	9	0	8	11	2	0	1	3	1	0	1	5	11	8	0	0	1	8	20	1	5	0	1	6	12	2	0	3	
Angus Usan	12m.	9	1010.1	-	12.4	1.1	12.6	87	6.0	0	3	7	7	11	2	0	0	2	2	1	5	7	11	2	0	3	8	18	1	6	3	3	7	6	2	1	1		
		15	1010.3	-	13.5	1.5	12.9	83	6.1	0	2	7	10	10	1	0	1	1	0	0	0	7	8	13	0	2	0	11	17	0	6	4	3	6	4	0	4	3	
		21	1011.1	-	11.9	1.0	12.3	88	6.1	0	6	3	3	16	2	0	1	2	0	0	0	7	11	9	0	0	3	10	16	1	7	1	4	6	7	1	2	1	
Fife Leuchars	44m.	3	1008.8	-	11.4	0.7	12.5	92	4.9	4	7	2	4	13	0	0	0	0	0	0	3	8	2	3	14	0	1	6	22	1	9	0	4	5	4	1	1	5	
		9	1008.9	-	12.7	1.1	12.9	87	6.1	1	3	5	8	11	2	0	0	1	1	0	1	8	3	6	10	0	2	7	17	4	3	4	5	2	4	2	4	2	
		15	1009.3	-	14.1	1.9	12.8	80	5.8	0	6	2	12	9	1	0	1	0	0	2	1	4	6	2	14	0	0	10	20	0	3	4	4	5	8	2	3	1	
Midlothian Turnhouse	12m.	21	1010.1	-	11.9	0.8	12.6	89	5.3	0	8	5	5	12	0	0	0	0	2	3	6	1	4	14	0	1	7	21	1	5	5	3	4	6	2	3	1		
		3	1008.2	-	10.3	0.5	11.9	94	5.6	1	4	7	5	12	1	0	1	2	1	1	9	2	12	1	0	0	9	18	3	4	4	6	2	2	3	5	1		
		9	1009.1	-3.7	12.6	1.1	12.8	87	6.0	0	4	6	11	9	0	0	1	1	2	2	6	5	7	6	0	2	9	16	3	1	7	7	1	2	1	6	2		
Dumfriesshire Turnhouse	44m.	15	1009.4	-	14.4	2.1	12.6	77	5.9	0	6	2	16	5	1	0	1	0	0	1	2	3	5	7	11	0	0	16	13	1	1	5	10	4	3	0	4	2	
		21	1010.2	-	11.2	0.8	12.1	90	5.4	0	6	6	8	10	0	0	0	1	3	1	6	6	9	4	0	0	9	17	4	3	5	4	6	1	4	2	1		
		3	1009.0	-	10.1	0.7	11.5	92	5.3	4	5	3	6	11	1	0	0	1	1	1	9	11	6	1	0	0	4	17	0	5	2	0	2	3	1	0	0		
6a SCOTLAND, W.	10m.	9	1009.																																				

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

SEPTEMBER,

1968

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					SPEED IN KNOTS					N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
																									8 or more	4, 7	4, 5	1-3	Calm	22-33	11-21	1-10	0									
																									8 or more	22-33	11-21	1-10	0													
Number of Observations																																										
2 ENGLAND, N.E.																																										
Northumberland Acklington	3	1009.3	-	10.5	0.3	12.3	95	5.3	4	4	4	3	11	4	0	2	2	0	5	3	3	7	8	0	0	0	1	6	19	4	3	3	1	3	6	2						
	9	1009.3	-4.3	12.8	0.8	13.3	89	6.5	0	2	5	11	9	3	0	1	1	2	0	7	6	8	4	1	0	0	9	21	0	0	5	4	0	2	3							
	15	1009.7	-	14.3	1.8	13.2	81	6.0	0	3	5	15	7	0	0	0	0	2	3	4	8	6	5	0	2	12	16	0	0	2	8	1	9	2								
	21	1010.8	-	11.4	0.7	12.5	92	5.2	3	5	4	6	12	0	0	1	0	0	3	5	8	10	3	0	0	0	8	19	3	6	0	2	3	7	2							
	3	1009.8	-	11.7	0.6	12.8	93	5.6	4	2	5	5	11	3	0	3	0	0	1	3	4	14	5	0	0	3	11	15	1	3	2	0	2	9	3							
	9	1009.7	-4.3	12.9	1.0	13.1	88	5.9	1	2	7	12	5	3	0	2	0	1	2	6	12	5	2	0	1	4	6	18	1	7	1	1	10	1	6							
	15	1010.1	-	14.0	1.4	13.4	84	6.0	1	0	9	11	8	1	0	1	0	0	2	4	9	9	5	0	0	3	15	12	0	7	3	1	6	7	0							
	21	1010.8	-	12.7	0.3	13.1	87	5.3	3	3	6	8	9	1	0	0	0	1	0	5	11	10	3	0	0	5	10	14	1	6	0	1	2	11	2							
	3	1009.7	-	11.1	0.4	12.6	95	5.3	3	7	3	1	13	3	3	0	0	0	1	5	7	6	8	0	0	0	10	16	4	3	3	1	1	10	3							
	9	1009.7	-	12.6	0.7	13.3	91	6.4	0	3	3	14	7	3	1	2	0	0	2	3	9	6	5	2	0	0	8	22	0	4	4	2	0	12	2							
	15	1010.1	-	13.7	1.3	13.5	86	5.9	0	5	6	9	8	2	1	1	0	1	3	1	8	4	4	7	0	1	9	18	2	6	5	3	1	9	0							
	21	1010.8	-	12.0	1.2	12.2	86	4.8	1	12	2	2	13	0	0	0	0	1	3	3	6	9	6	2	0	0	6	19	5	5	2	3	1	8	2	4						
Yorks, N. Riding Leeming	3	1009.5	-	11.3	0.6	12.5	93	6.2	2	4	0	6	17	1	0	1	0	3	4	6	7	6	3	0	0	0	5	19	6	2	3	0	1	12	0							
	9	1009.7	-	13.1	0.9	13.3	87	6.4	1	1	4	15	8	1	0	0	0	1	2	5	8	10	3	1	0	0	8	18	4	4	3	1	1	11	1							
	15	1009.7	-	16.0	2.9	12.9	71	6.1	0	2	6	17	5	0	0	0	0	0	0	2	9	8	5	6	0	0	14	24	2	1	6	1	1	7	3							
	21	1010.8	-	12.4	1.0	12.8	88	5.3	2	5	5	5	13	0	0	0	0	0	1	7	11	8	1	2	0	0	4	21	5	5	2	0	1	11	2							
	3	1009.2	-	11.1	0.5	12.4	93	4.7	5	4	5	6	9	1	2	1	0	0	2	0	8	16	1	0	0	4	14	10	2	3	0	4	12	2								
	9	1009.4	-	13.1	1.0	13.5	89	5.7	1	1	10	11	4	3	2	2	0	1	1	0	4	17	3	0	0	4	18	0	1	4	3	2	9	4	3							
	15	1009.8	-	14.2	1.5	13.6	84	5.8	0	1	11	13	4	1	0	1	0	0	1	2	5	16	5	0	0	6	15	7	2	1	3	1	8	3	1							
	21	1010.8	-	12.2	0.8	12.9	90	4.9	3	4	9	5	7	2	0	0	1	1	0	1	8	19	0	0	0	2	16	12	0	2	3	0	10	2	2							
	3	1010.4	-4.3	13.8	1.2	13.8	87	6.4	0	4	1	15	10	0	0	0	0	3	1	2	12	8	4	0	0	1	11	17	1	5	4	1	4	5	1							
	9	1010.3	-	16.1	2.6	13.4	74	5.5	0	3	12	7	8	0	0	0	0	0	1	0	8	18	3	0	0	1	11	17	1	3	5	2	3	5	2							
	15	1011.4	-	12.3	0.8	13.0	91	5.1	2	8	2	6	11	1	0	0	0	1	6	4	9	8	2	0	0	0	7	17	6	2	3	1	2	6	3							
	21	1009.9	-	12.7	0.6	13.8	93	5.4	4	2	5	6	11	2	0	2	2	0	0	2	7	17	0	0	1	5	12	10	2	4	2	3	4	5	2							
Kilnsea	3	1010.4	-4.6	13.9	1.1	14.0	88	5.8	1	3	8	8	7	3	0	1	1	2	1	1	8	16	0	0	1	6	11	8	4	2	3	4	3	4	5							
	9	1010.3	-	15.0	1.5	14.4	85	5.8	0	1	10	11	8	0	0	0	0	1	1	1	12	15	0	0	0	9	13	8	0	3	4	3	8	1								
	15	1011.4	-	13.1	0.7	13.8	91	5.5	2	4	6	6	8	4	0	0	2	2	0	8	18	0	0	0	1	4	15	10	0	4	4	2	6	4								
	21	1010.0	-	11.4	0.6	12.7	93	5.3	6	2	2	8	11	1	0	2	1	2	0	8	3	9	4	1	0	1	8	20	1	1	4	0	6	5								
	3	1010.4	-5.2	13.4	1.0	13.7	89	6.1	1	1	5	15	8	0	0	0	0	2	4	10	7	7	0	0	1	10	19	0	0	5	0	3	6	9								
	9	1010.2	-	15.8	2.5	13.4	75	6.3	0	1	6	17	6	0	0	0	0	0	2	7	9	9	3	0	0	1	16	13	0	1	6	2	3	5								
	15	1011.4	-	12.4	0.9	12.9	86	5.6	1	5	5	8	11	0	0	0	0	0	6	11	9	4	0	0	1	8	21	0	4	5	4	1	8	5								
	21	1009.9	-	11.5	0.6	12.6	92	5.0	7	3	2	5	11	2	0	3	2	3	1	3	9	8	1	0	0	3	10	12	5	3	2	1	3	7	4							
	3	1010.3	-	13.3	1.1	13.4	87	6.2	0	3	4	14	8	1	0	0	1	1	1	2	13	10	2	0	0	1	12	17	0	1	3	2	4	6	8							
	9	1010.2	-	15.3	2.4	13.0	75	6.5	0	0	7	18	5	0	0	0	0	0	0	1	0	13	8	7	1	0	4	2	19	8	1	4	2	3	5							
	15	1011.4	-	12.3	1.0	12.8	89	5.5	2	4	5	10	9	0	0	0	0	1	2	6	11	8	2	0	0	2	10	15	3	2	4	1	3	6	7							
	21	1010.0	-	11.7	0.5	13.0	94	5.4	5	2	4	5	12	2	0	2	1	1	0	5	10	11	0	0	0	1	8	17	4	0	4	0	5	6	3							
Lincoln Waddington	3	1010.5	-4.9	14.4	1.2	14.2	86	5.8	0	4	6	12	8	0	0	0	0	4	1	9	10	6	0	0	0	0	13	17	0	1	4	1	3	5	6							
	9	1010.4	-	16.0	2.2	14.1	78	6.2	0	1	7	15	7	0	0	0	0	0	2	6	12	9	1	0	0	1	15	14	0	2	5	3	2	4	9							
	15	1011.5	-	12.3	0.7	13.3	92	4.7	5	4	5	5	11	0	0	0	0	1	3	6	6	13	1	0	0	1	11	17	1	1	3	1	4	10	1							
	3	1010.1	-	11.4	0.5	12.8	94	5.6	3	5	1	9	10	2	0	3	0	3	0	5	9	10	0	0	0	3	13	13	1	3	2	2	3	5	8							
	9	1010.7	-4.8	14.0	1.2	13.9	86	6.0	0	3	5	15	7	0	0	0	0	3	4	5	9	7	2	0	0	4	12	14	0	2	3	4	9	5								
	15	1010.4	-	16.2	2.5	13.7	75	6.4	0	1	6	15	8	0	0	0	0	0	0	10	12	11	4	3	0	2	19	9	0	3	4	1	3	8								
	21	1011.5	-	12.4	0.9	13.0	90	5.2	3	3	9	5	10	0	0	0	0	1	6	10	7	6	0	0	3	11	14	2	2	4	1	8	4	5								
	3	1010.3	-	12.3	0.9	12.9	89	5.2	4	3	7	6	9	1	0	1	1	2	0	6	5	8	7	0	0	1	9	13	7	1	2	2	2	6	7							
	9	1010.8	-	14.8	1.6	14.0	83	6.3	0	3	4	15	8	0	0	0	0	1	1	3	7	12	4	2	0	0	12	13	5	1	4	0	2	6	2							
	15	1010.5	-	16.9	2.8	14.0	73	6.6	0	2	2	19	7																													

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS SEPTEMBER, 1968

[illegible]

* See Notes on Tables in the Introduction.

TABLE VIII—NUMBER OF DAYS IN SEPTEMBER, 1968
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	27	3	0	0	0	0	0	0	0	1	20	9	0	Edgbaston	0	0	0	4	23	3	0	0	0	0	0	0	0	6	24	0
Stornoway	0	0	0	16	14	0	0	0	0	0	0	0	4	12	14	0	Kew	0	0	0	1	25	4	0	0	0	0	0	0	0	6	24	0
Craibstone	0	0	0	18	12	0	0	0	0	0	0	0	3	19	8	0	Hastings	0	0	0	1	27	2	0	0	0	0	0	0	0	4	24	2
Rothsay	0	0	0	13	17	0	0	0	0	0	0	0	1	13	16	0	Southampton	0	0	0	1	23	6	0	0	0	0	0	0	0	8	21	1
Abbotsinch	0	0	0	7	22	1	0	0	0	0	0	0	7	9	14	0	Stonyhurst	0	0	0	10	18	2	0	0	0	0	0	0	1	14	15	0
Eskdalemuir	0	0	0	19	10	1	0	0	0	0	0	0	7	16	7	0	Bidston	0	0	0	10	19	1	0	0	0	0	0	0	0	10	20	0
Douglas	0	0	0	14	16	0	0	0	0	0	0	0	0	10	20	0	Valley	0	0	0	2	26	2	0	0	0	0	0	0	0	4	25	1
Acklington	0	0	0	8	24	0	0	0	0	0	0	0	1	14	15	0	Falmouth	0	0	0	1	29	0	0	0	0	0	0	0	0	5	25	0
Gorleston	0	0	0	0	27	3	0	0	0	0	0	0	0	6	23	1	Aldergrove	0	0	0	8	21	1	0	0	0	0	0	0	1	21	8	0
Cambridge	0	0	0	1	24	5	0	0	0	0	0	0	2	8	20	0	Armagh	0	0	0	6	22	2	0	0	0	0	0	0	4	19	7	0

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, SEPTEMBER, 1968

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	494	1	19	27	201.5	30	220	7	19	27	138.8	30	532	1	26	27	218.8	30
Eskdalemuir	458	6	57	12	204.8	30	220	5	56	12	139.8	30	614	6	77	10	269.1	30
Cambridge	455	2	45	11	265.2	30	233	1	44	11	164.5	30	-	-	-	-	-	-
London/W. Centre	489	2	23	15	244.1	30	207	12	21	15	150.3	30	589	2	33	15	290.1	30
Kew	515	3	26	15	255.5	30	262	8	26	15	164.9	30	575	3	43	15	308.3	30
Bracknell	484	2	26	15	254.2	29	337	9	27	15	192.4	29	583	2	41	15	308.1	29
Aberporth	603	6	52	14	271.2	30	267	4	52	14	172.3	30	-	-	-	-	-	-
Aldergrove	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE XIII—ADDITIONS AND CORRECTIONS

YEAR	MONTH	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
1965	Annual	Aberporth												361						
1967	April	London/W. Centre	520	17	39	10	310.4	30	290	19	39	10	183.2	30	588	16	57	10	345.8	30
	September	Cambridge	450																	
	November	Eskdalemuir						26												
1968	March	Lerwick	382	30	33	23	173.2	30	205	28	34	23	111.0	30	383	30	39	23	181.4	30
		Eskdalemuir	388	28	30	27	201.5	31	226	17	29	27	132.7	31	382	28	35	27	197.0	31
		Cambridge	463	27	60	2	247.0	30	282	31	60	2	135.0	30	-	-	-	-	-	-
		Aberporth	481	28	78	23	260.4	25	194	30	80	23	133.7	25	-	-	-	-	-	-
		London/W. Centre	427	28	42	2	214.7	27	245	31	40	2	126.7	27	500	26	47	2	242.3	27
		Kew	480	27	34	2	250.7	31	233	31	34	2	130.9	31	578	27	41	2	280.5	31
		Bracknell	577	12	40	2	256.0	31	230	31	43	2	131.1	31	686	12	49	2	299.6	31
	April	Lerwick	599	28	79	20	346.0	30	318	27	81	20	192.7	30	606	28	96	20	370.5	29
		Eskdalemuir	667	26	46	1	331.2	30	267	29	46	1	180.7	30	840	26	70	1	419.2	30
		Cambridge	663	25	140	2	390.1	26	318	27	132	2	213.5	26	-	-	-	-	-	-
		Aberporth	697	25	182	29	421.2	27	309	22	121	12	215.9	27	-	-	-	-	-	-
		London/W. Centre	611	26	108	2	342.6	28	260	18	114	2	202.6	28	669	26	126	2	387.0	28
		Kew	652	26	130	2	366.6	30	270	18	123	2	202.1	30	774	26	161	2	423.6	30
		Bracknell	600	26	151	2	357.2	30	259	17	147	2	209.5	30	705	26	184	2	420.9	30
	May	Bracknell	712	31	167	25	431.0	31	387	22	151	25	265.3	31	837	31	206	25	506.8	31

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 137769 K.12 1/69. Gp. 1708 SBN 11 72 0635 0

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE



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

Volume 85 Number 10

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968

October 1968 — Dull and unusually mild

Weather was mainly cyclonic in character on the 8th—13th and the 27th—31st, otherwise cyclonic activity was confined mainly to northern districts during the first half of the month, and to western districts during the second half.

The first two days were dull and wet with heavy rain in many northern districts, as troughs and minor depressions moved eastwards across Scotland. The rain gradually died out from the south on the 3rd as a ridge of high pressure developed over England. From then until the 7th weather over England and Wales was mainly dry and very mild with afternoon temperatures on the 4th exceeding 21°C locally. The drier weather did not extend to Scotland.

On the 8th a shallow depression moving from the western English Channel to the southern North Sea brought a return of the rain to the south, but in northern England and southern Scotland weather was mainly dry. Further rain spread from the Atlantic to all districts on the 9th as a trough of low pressure moved eastward across the country, but the 10th was sunny and dry apart from a few scattered showers. On the 11th a deep depression deepened still further as it approached western Scotland, and an associated trough brought rain, frequently heavy, to the whole of the British Isles. This was one of the wettest days of the month in Scotland with rainfall at many places exceeding 50 mm (at Corpach, Inverness-shire 112 mm were recorded) and with winds reaching gale force. The rain cleared southern England on the 12th.

A cool showery period followed from the 13th until the 16th as depressions moved eastwards between Scotland and Iceland. The showers were accompanied by hail and thunder in some central and northern districts, but were well scattered in the south.

On the 17th a ridge of high pressure moving quickly eastwards across the country gave a generally dry day with a little sunshine, but rain, heavy locally, reached western districts during the night. Minor troughs from the Atlantic moving north-eastwards across the country were accompanied by a rapid rise of temperature on the 18th and by outbreaks of rain, mainly in western districts, on both the 18th and 19th. The rain died out on the 20th as high pressure over central Europe extended over southern England. Fog, which formed in many areas on the 21st, persisted in a number of places throughout the 22nd, but away from the foggy areas day temperatures were about 5 deg C above the average for late October.

On the 23rd falling pressure to the west of Ireland caused freshening south-easterly winds which slowly cleared the fog. The next three days were mild, with south-easterly winds and occasional rain in southern England as a depression moved slowly from the Bay of Biscay into northern France. From the 27th until the end of the month troughs from the Atlantic brought moderate to heavy rain to all districts. On the 31st the rain was particularly heavy in Northern Ireland where at Tollymore Park 159 mm were recorded in 24 hours. The rain, which exceeded 30 mm in many northern districts, turned to snow in parts of Scotland as winds veered to the north-east.

Pressure and Wind — Mean pressure was below the 1931-60 average in the west and north, but above average in parts of the east and south of the country. The deviation at 0900 GMT ranged from -3.3 mb at Tiree to +0.5 mb at Thorney Island. Surface winds were predominantly between south and west during the first half of the month, and between south and east during the second half. Winds reached gale force on 8 days in England and Wales and on 10 days in Scotland. Gales were fairly widespread in the north and west on the 12th and 13th. A gust of 74 kt was recorded at Stornoway on the 12th.

Temperature — A feature of the month was the unusually mild weather, especially at night. Both maximum and minimum temperatures were well above the average for most of the month. There were, however,

cooler periods, one during the third week in most districts, and another during the last few days of the month in Scotland.

Extremes included: (England and Wales) 21.7°C at Southend, Southsea, Dovercourt and Gogerddan on the 4th, 6th, 10th and 21st respectively, -1.1°C at Kielder Castle on the 18th; (Scotland) 20.0°C at Dinnet on the 2nd, -5.6°C at Braemar on the 23rd; (Northern Ireland) 19.4°C at Helens Bay on the 3rd and Strabane Convent on the 5th, -0.6°C at Lislap Forest on the 16th.

Rainfall — Over most of England and Wales rainfall was below the 1916-50 average. It was above average south and east of an approximate line from London to Plymouth, over north-west England, over the higher ground in northern and eastern Wales and also over the counties of Hereford, Durham and Northumberland. Rainfall also exceeded the average over most of Scotland (except in Banffshire and Aberdeenshire) and over the whole of Northern Ireland; the greatest excess was in parts of Co. Down where rainfall was 175 per cent of the average.

Snow fell in parts of Scotland on the 31st.

Thunderstorms were reported on 8 days in Scotland and were widespread on the 12th and 28th. In England and Wales thunder was heard on 10 days and thunderstorms were widespread in south-east England on the 31st.

Sunshine — Sunshine amounts were below average everywhere, particularly in western districts. In England and Wales percentages of average ranged from 40 at Ellbridge to 88 at Bexhill. In Scotland deficits were greatest in the south-west and in the Moray Firth area. At Dumfries it was the dullest October since records began there in 1909.

Fog — Fog at 0900 GMT was reported from one place or another on 18 days in Scotland and on 22 days in England and Wales. In Scotland fog was never widespread, but it was fairly widespread in the Midlands and eastern England on the 22nd.

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

TABLE I—DISTRICT VALUES, OCTOBER, 1968

DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN-FALL	SUNSHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122cm.			
Difference from Average							% of Average			
0 SCOTLAND, N.	17.9	-0.8	+0.9	+1.0	+0.9	+0.9	+0.7	+2	134	68
1 SCOTLAND, E.	18.3	1.1	+1.2	+1.8	+1.5	+1.2	+0.4	+1	122	79
2 ENGLAND, N.E.	18.9	1.1	+1.5	+2.7	+2.1	+2.7	+1.5	0	97	69
3 ENGLAND, E.	20.9	2.8	+1.6	+3.1	+2.4	+1.7	+0.5	-3	90	62
4 MIDLANDS	19.5	3.9	+1.5	+3.5	+2.5	+1.9	+0.7	0	99	69
5 ENGLAND, S.E.	20.6	3.3	+1.6	+3.3	+2.5	+1.5	+0.4	-1	105	60
6 SCOTLAND, W.	17.7	-0.8	+1.2	+2.4	+1.8	+1.3	+0.3	+1	132	73
7 ENGLAND, N.W. and N. Wales	20.2	2.2	+1.4	+3.0	+2.2	+2.2	+1.0	-1	119	61
8 ENGLAND, S.W. and S. Wales	19.4	3.9	+1.1	+2.9	+2.1	+1.9	+0.7	+3	102	53
N. IRELAND	18.8	2.7	+1.8	+2.4	+2.1	-	-	+2	129	76
SCOTLAND	18.3	-0.8	+1.1	+1.7	+1.4	-	-	+1	130	73
ENG. and WALES	20.9	1.1	+1.5	+3.1	+2.3	-	-	0	100	62

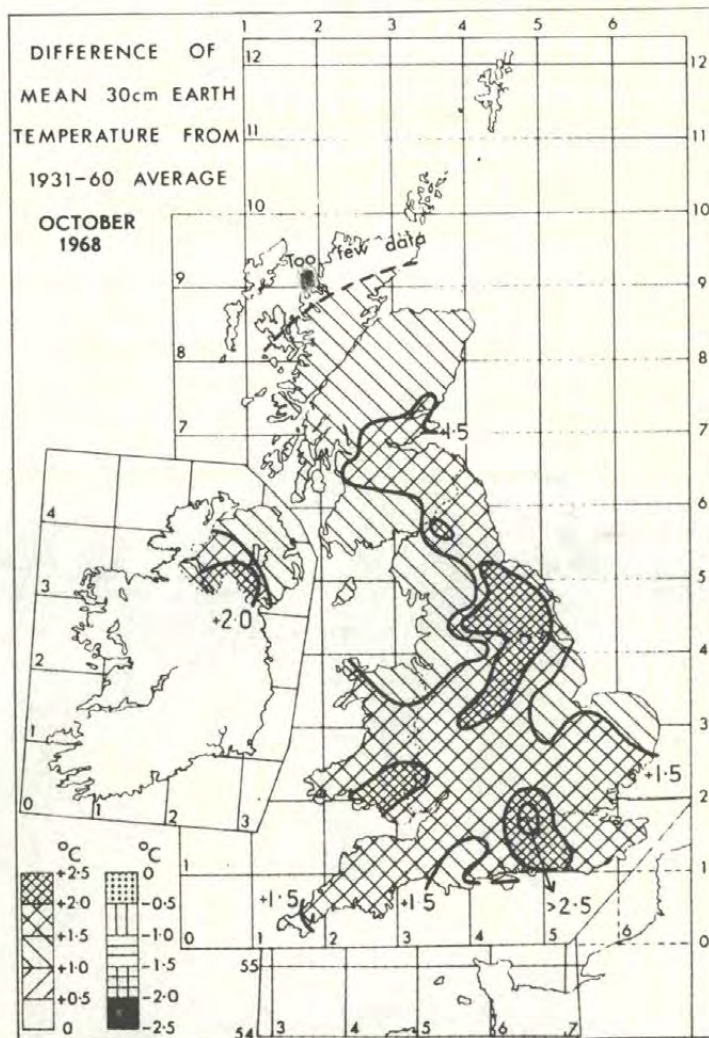
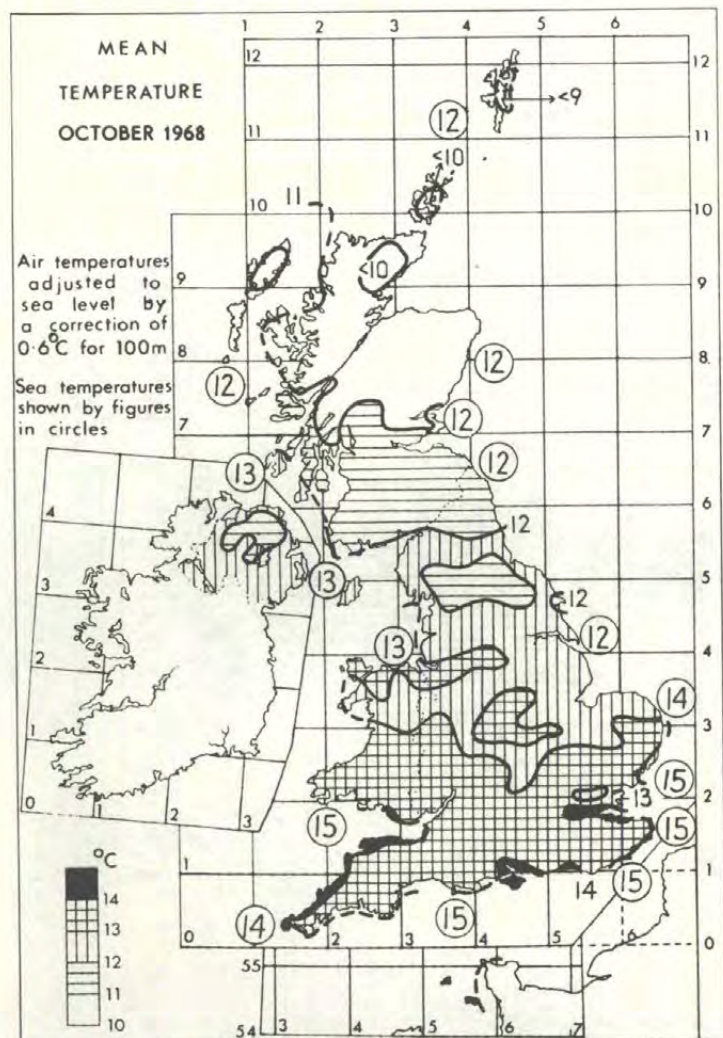
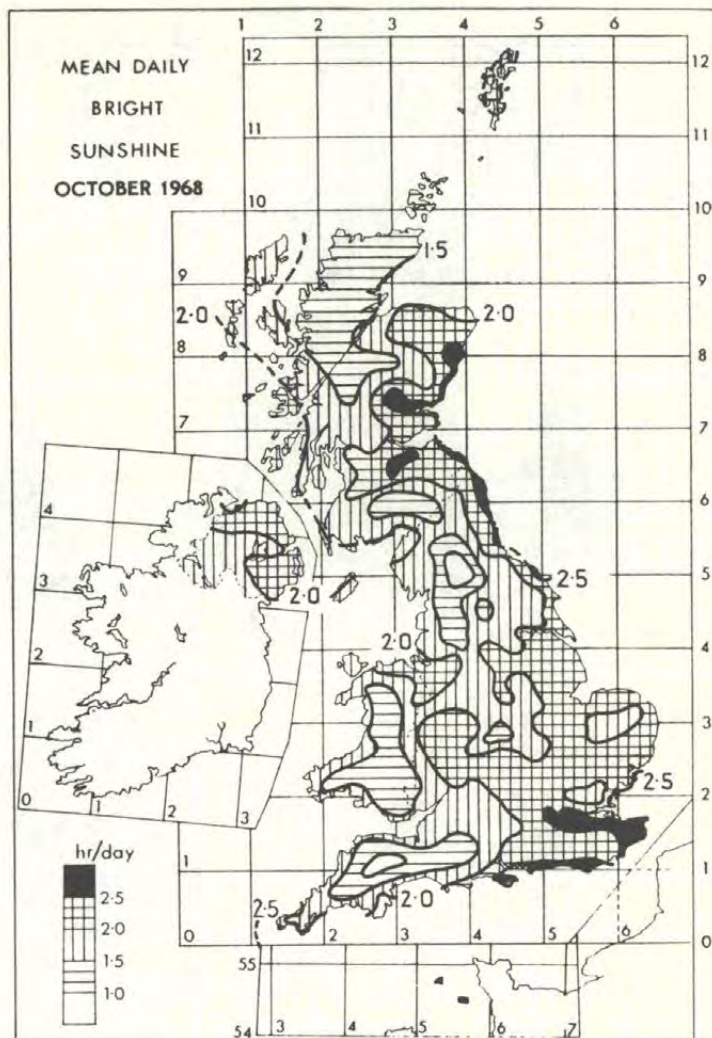
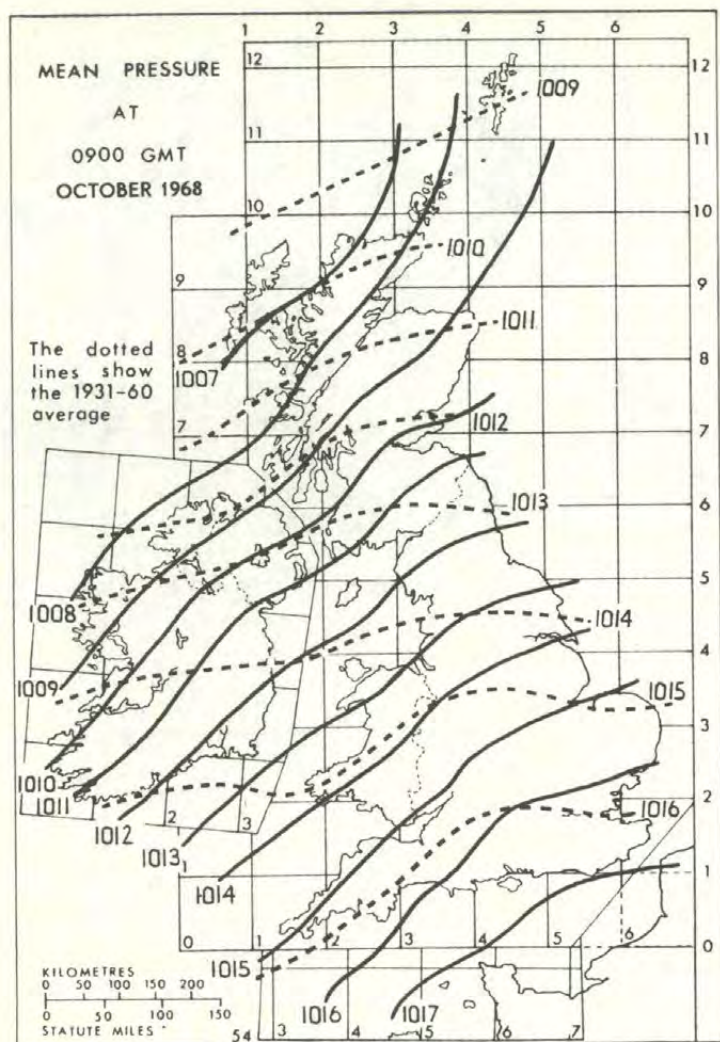
*Highest Max. and Lowest Min. of the District Value Stations.

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

FH 3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— OCTOBER, 1968

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	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	23	10	10	30, 31	2	11	116	281	298	47	0	12.8	040	34	30	17	040	53	31	2355	
	Orkney	Kirkwall	41	15	10	13, 30, 31	8	12	93	369	245	29	0	13.5	040	36	31	08	260	53	13	0715	
	Caithness	Dounreay	34	12	9	-	0	10	76	299	276	72	21	12.0	110	31	10	10	110	46	10	0900	
		Wick	45	10	10	-	0	8	60	330	269	85	0	11.7	040	31	30	23	110	46	10	0850	
	Sutherland	Shin	24	10	10	13	1	3	14	118	262	349	0	5.4	260	35	13	10	260	57	13	0930	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	11-13, 15, 20, 30, 31	51	14	123	348	123	99	0	15.2	050	42	30	23	240	74	12	0020	
		Duirinish	38	20	17	-	0	7	54	195	354	119	22	9.6	210	33	11	24	210	55	11	2368	
	Inverness	Benbecula	16	10	10	11-13, 16, 19, 31	41	14	138	301	211	53	0	15.1	210	40	12	01	190	69	12	0425	
		Corrach	23	15	12	12, 13	6	6	48	230	220	240	0	9.2	250	38	12	18	250	74	12	1535	
		Fort Augustus (N.S.H.B.)	58	16	16	-	0	1	5	113	253	373	0	5.1	220	28	20	12	230	44	20	1105	
		Dalcross	21	10	10	-	0	4	20	203	269	252	0	7.5	220	26	13	04	210	45	12	0720	
		Cairngorm	1074	9	9	10-13, 16-20	93	20	170	218	121	73	69	18.9	260	58	13	06	240	102	12	1705	
1	Moray	Kinloss	17	13	13	13	2	6	51	227	353	111	0	9.9	260	36	13	11	260	50	13	1025	
		Lossiemouth	31	24	18	-	0	7	41	211	337	155	0	9.1	250	33	13	13	250	52	13	1230	
	Aberdeen	Dyce	71	9	9	-	0	6	30	234	269	211	0	8.7	270	27	13	14	250	46	13	1135	
	Angus	Bell Rock	39	40	38	10, 12, 13, 31	33	16	146	274	204	87	0	14.6	260	43	13	11	260	58	13	1040	
	Perth	Rannoch	307	17	17	-	0	1	3	86	311	344	0	4.7	270	25	13	10	270	45	13	0915	
		Tummal Bridge	161	16	16	-	0	1	3	86	311	344	0	4.7	270	25	13	10	270	45	13	0915	
	Fife	Leuchars	24	12	12	13	4	8	48	286	235	171	0	10.0	250	36	13	13	250	59	13	1035	
	West Lothian	Forth Road Bridge...	72	-	72	-	1	6	47	242	307	147	0	9.2	240	34	13	11	220	55	12	1445	
	Midlothian	Turnhouse	42	12	10	13	1	6	47	242	307	147	0	9.2	240	34	13	11	220	55	12	1445	
6a	Argyll	Tires	27	18	14	9, 11-13, 18, 19	50	14	157	335	144	58	0	16.7	200	42	12	08	220	63	12	0010	
	Dumarton	Cumbernauld	166	10	10	12, 13	5	7	58	261	256	125	39	10.9	210	35	12	15	210	54	12	1445	
	Renfrew	Paisley	57	25	9	-	0	4	5	246	230	263	0	7.4	190	25	11	16	210	55	12	1650	
		Abbotsinch	16	10	10	-	0	3	31	239	278	196	0	8.6	200	31	12	15	200	52	12	1445	
	Linark	Lowther Hill	736	13	10	11-13, 19, 20	28	18	213	319	149	18	17	17.6	220	40	12	16	220	64	12	2205	
	Ayr	Hunterston	9	9	9	-	0	7	40	296	282	126	0	10.5	060	30	31	20	060	47	31	1935	
		Prestwick	21	10	10	-	0	5	26	256	257	205	0	8.7	070	26	31	20	200	46	19	2310	
	Dumfries	Chapelcross	94	15	15	-	0	7	41	243	245	215	0	9.0	210	31	12	15	210	50	12	1410	
		Eskdalemuir	259	10	10	-	0	5	13	286	322	123	0	9.5	240	24	12	23	070	42	31	1945	
	Wigtown	West Freugh	25	10	10	-	0	5	13	286	322	123	0	9.5	240	24	12	23	070	42	31	1945	
6b	Isle of Man	Ronaldsway	25	10	10	11	1	9	91	300	235	117	0	11.8	200	34	11	15	210	50	10	1800	
		Point of Ayre	20	10	10	31	4	13	128	354	214	44	0	13.9	050	36	31	22	050	53	31	2145	
2	Durham	Durham	119	16	10	-	0	2	14	137	206	339	48	5.4	270	27	12	18	260	51	12	1415	
		South Shields	22	17	13	-	0	2	7	122	356	259	0	6.4	030	27	31	21	250	44	13	0840	
	Yorks, N.R.	Leeming	42	10	10	-	0	2	11	171	337	225	0	7.1	250	27	13	02	250	43	13	0120	
		Middlesbrough	23	19	19	-	0	6	37	319	278	110	0	10.5	240	27	13	13	240	44	13	1205	
		Silpho Moor...	207	15	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Yorks, E.R.	Leconfield	18	10	10	-	0	0	0	220	321	203	0	7.6	220	21	12	10	220	36	12	0920	
	Lincoln	Cranwell	76	12	12	-	0	3	7	241	297	158	41	8.3	250	24	13	05	250	36	13	0510	
		Binbrook	118	10	10	-	0	2	6	327	283	128	0	9.6	240	24	13	10	250	43	13	0955	
		Manby	26	10	10	-	0	0	0	307	314	123	0	8.9	240	21	13	03	250	35	11	2115	
3	Norfolk	Gorleston	16	13	13	-	0	4	17	274	302	141	10	9.6	190	26	31	11	190	40	31	0950	
	Suffolk	Mildenhall	30	25	18	-	0	0	0	137	346	261	0	6.5	210	19	11	20	230	36	31	1230	
	Bedford	Bedford	98	13	9	-	0	2	3	323	300	117	1	9.6	240	23	13	12	230	38	12	1450	
		Cardington	69	41	41	-	0	5	13	297	289	88	57	10.1	240	24	11	22	250	37	11	2135	
	Hertford	Garston	94	15	10	-	0	0	0	21	413	310	0	4.7	210	14	11	17	220	29	31	1135	
		Rothamsted	141	13	10	-	0	0	0	20	445	279	0	4.8	230	14	11	18	230	31	11	1720	
	Essex	Stansted	107	9	9	-	0	0	0	83	482	177	2	5.9	230	16	31	13	230	28	31	1225	
		Coryton	20	17	15	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
		Shoeburyness	36	32	28	-	0	8	33	425	224	62	0	12.0	210	29	11	19	220	43	11	1930	
4	Yorks, W.R.	Sheffield	162	25	11	-	0	0	0	45	352	316	31	4.4	240	20	13	06	-	40	12	1330	
		Church Fenton	18	10	10	-	0	2	6	187	342	209	0	7.4	260	24	13	12	260	40	13	1110	
	Warwick	Edgbaston	196	36	22	-	0	0	0	87	532	125	0	6.6	220	19	12	20	200	32	11	1745	
		Elmdon	105	9	9	-	0	3	4	239	427	74	0	8.8	240	26	12	15	240	39	12	1450	
	Buckingham	Amersham	152	15	15	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Stafford	Keele	215	15	10</																		



RAINFALL

OCTOBER 1968

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

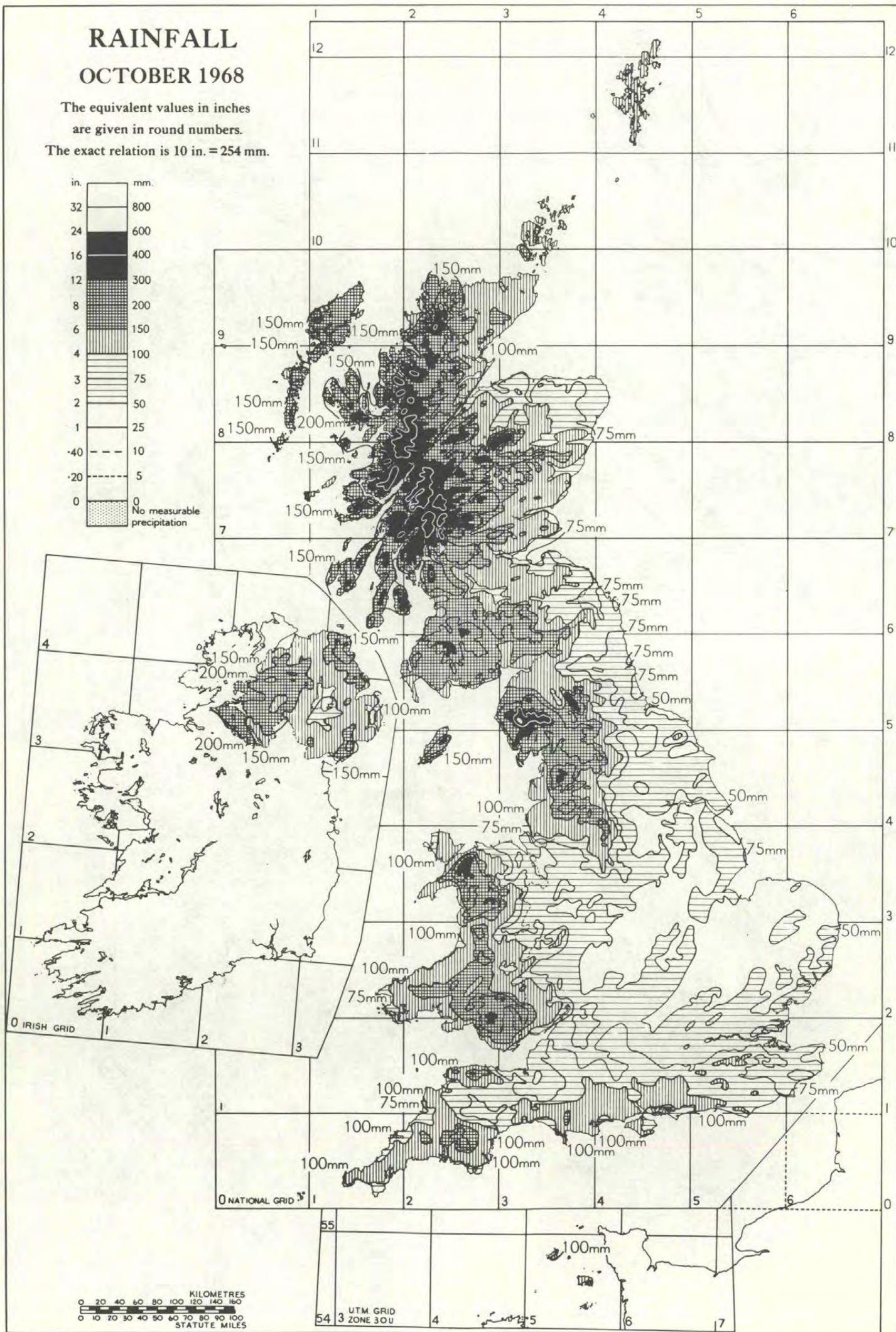
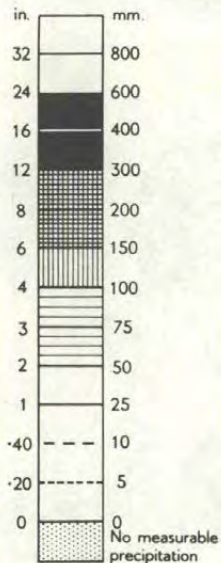


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1968

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		Daily Mean (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			Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frosty	Glass min. below 0°C	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more					30 cm.	122 cm.													
				0 SCOTLAND, N.																												
Zetland	Hammavoe ...	9 9	21	10.7	7.4	9.1	-	13.9	2	1.1	31	-	-	126	-	19	10	26	21	2	0	1	0	0	1	0	-	-	2	2.17	-	-
	Lerwick ...	21-9	82	10.0	6.8	8.4	+0.3	13.8	20	-0.8	31	-	-	122	102	18	11	27	21	2	0	0	1	0	2	1	2	-	3	1.90	88	-
Orkney	Baltasound ...	9 9	24	10.5	5.5	8.0	-	15.0	20	-1.1	8	9.2	-	106	88	13	11	25	20	3	0	0	0	0	1	2	-	4	2.26	-	-	
	Sule Skerry ...	21-9	13	11.7	8.9	10.3	-	14.0	3	1.7	31	-	-	140	-	18	7	25	23	0	0	1	0	0	0	0	0	2	-	-	-	
Caithness	Stenness ...	9 9	23	11.7	7.7	9.7	-	17.2	2	2.2	31	9.9	10.1	139	120	24	8	30	21	1	0	0	0	0	1	0	1	3	1.26	-	-	
	Kirkwall ...	21-9	26	11.4	7.8	9.6	+0.7	16.7	2	3.0	31	-	-	147	128	33	7	24	20	1	0	1	0	0	2	0	0	4	1.30	52	-	
Sutherland	Dounreay ...	9 9	21	12.9	7.2	10.1	-	18.3	2	1.1	18	-	-	108	-	17	5	25	19	0	0	0	0	1	0	1	1	1	1.64	-	-	
	Wick ...	21-9	36	12.0	7.9	9.9	+0.9	17.9	2	1.6	18	-	-	105	133	16	8	22	16	0	0	0	1	0	0	0	2	0	1.41	50	-	
Ross & Cromarty	Cape Wrath ...	21-9	112	11.5	8.1	9.8	+0.4	15.8	19	0.0	31	-	-	153	116	24	30	23	20	1	0	1	0	0	0	0	0	7	1.30	-	-	
	Achfary ...	9 9	46	12.6	7.4	10.0	-	16.7	23,28	1.1	18	-	-	247	-	36	12	24	19	0	0	0	0	0	0	0	0	1	-	-	-	
Inverness	Achany ...	9 9	85	12.6	5.3	8.9	-	17.8	2	-1.7	18	10.0	10.7	162	136	25	13	24	22	0	0	0	0	1	0	1	9	0	1.41	-	-	
	Strathly ...	9 9	37	12.6	6.7	9.7	+1.1	18.3	2	0.0	18	-	-	127	103	21	30	25	17	1	0	0	0	0	0	0	0	0	1.43	61	S	
Moray	Achentoul ...	9 9	137	12.0	5.9	8.9	-	17.8	2	-0.6	18	-	-	106	-	12	12	23	21	3	0	0	0	0	0	1	3	-	1	1.40	-	-
	Stornoway ...	21-9	3	12.9	7.8	10.3	+0.9	16.5	22	1.6	18	-	-	159	143	20	11	22	20	1	0	1	0	1	0	0	3	5	1.80	73	-	
Banff	Balmacara ...	9 9	4	13.6	8.3	10.9	-	15.6	2,11,23	3.9	8,14	-	-	234	-	43	11	24	21	0	0	0	1	2	0	0	-	2	-	-	-	
	Poolewe ...	9 9	6	13.6	8.8	11.2	-	17.8	19	2.8	31	-	-	198	123	32	13	26	20	0	-	1	0	1	0	0	0	3	1.20	-	-	
Aberdeen	Rudh Ro ...	21-9	16	12.8	9.6	11.2	-	16.8	19	2.4	31	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	4	-	-	-	
	Inverpolly ...	9 9	14	13.2	8.3	10.7	-	17.2	19	4.4	8	10.9	-	168	118	23	13	23	19	0	0	0	0	1	-	0	3	3	1.15	-	-	
Angus	Achnashellach ...	9 9	67	13.3	7.0	10.1	+1.4	18.3	19	1.1	18	-	-	322	139	(75)	12	26	22	1	0	0	1	0	0	0	-	0	-	-	-	
	Kinlochewe ...	9 9	23	13.6	7.1	10.3	+0.9	18.3	23	1.1	18	11.1	-	336	152	72	12	21	20	0	0	0	0	0	3	0	4	0	0.87	-	S	
Perth	Knockanrock ...	9 9	244	11.3	6.6	8.9	-	15.6	2	1.1	31	-	-	297	-	53	13	28	22	1	0	0	2	0	-	0	3	-	4	-	-	
	Fortrose ...	9 9	5	13.1	8.7	10.9	+1.2	16.1	2,11,12	3.9	16	-	-	122	172	30	30	21	16	0	0	0	0	0	1	0	-	0	1.36	49	-	
Midlothian	Tarbatness ...	21-9	18	12.6	7.9	10.3	+1.0	16.0	2	3.0	16,18	-	-	99	160	15	10	23	17	0	0	0	0	0	1	0	-	1	-	-	-	
	Benbecula ...	21-9	6	13.1	9.2	11.1	+1.3	15.6	11	1.4	31	-	-	150	115	24	9	25	20	1	0	0	2	1	0	0	2	6	1.94	-	-	
Fife	Isle of Rhum ...	9 9	5	13.4	8.4	10.9	-	16.1	2,11	1.7	18	11.6	12.3	310	106	44	11	24	21	0	0	5	2	0	0	2	-	8	-	-	-	
	Prabost ...	9 9	67	12.7	8.0	10.3	-	15.6	11	2.8	8	-	-	193	89	(31)	11	28	22	1	0	0	3	2	0	0	3	-	6	1.49	-	-
Dumfriesshire	Duntulm ...	9 9	90	12.6	8.5	10.5	+1.1	16.1	18,19	3.3	31	-	-	167	109	31	29	24	23	1	0	3	0	1	0	0	0	5	1.31	59	S	
	Onich ...	9 9	15	13.8	7.4	10.6	+1.1	17.8	11	0.0	8	-	-	276	119	32	19	28	20	-	0	-	-	0	0	2	-	-	1.62	78	S	
Argyll & Bute	Fort William ...	9 9	8	13.9	8.1	11.0	-	18.3	11,19	1.1	18	10.8	11.8	325	-	70	11	25	21	0	0	0	1	1	0	0	2	-	2	1.14	-	S
	Corpach ...	9 9	8	13.8	7.6	10.7	-	17.2	11	2.2	18	-	-	387	-	112	11	24	22	0	0	0	0	0	0	0	3	-	3	-	-	-
Highland	Fort Augustus ...	9 9	21	13.1	7.3	10.2	+1.4	17.2	2	2.8	24	-	-	197	-	31	12	26	19	0	0	0	0	1	0	-	-	2	1.45	-	-	
	Inverness ...	9 9	4	13.4	7.5	10.5	-	16.1	2	-1.7	16	-	-	227	-	(56)	30	24	19	3	1	0	0	0	2	2	-	2	-	-	-	
Moray	Coire Cas Shieling ...	9 9	762	9.2	4.6	6.9	-	16.1	2	-1.7	16	-	-	227	-	(56)	30	24	19	3	1	0	0	0	2	2	-	2	-	-	-	
	Cairngorm ...	9 9	1090	6.7	2.1	4.4	-	12.8	2	-3.9	16	-	-	303	-	-	-	-	-	6	3	0	0	0	-	7	-	-	-	-	S	
Aberdeen	Achnagoichan ...	9 9	305	12.3	-	-	-	17.2	2	-	-	9.3	-	140	143	47	30	20	18	-	-	-	-	-	-	-	7	-	-	-	-	
	Glenmore Lodge	9 9	341	12.3	4.9	8.6	+1.1	18.1	2	0.4	16	-	-	145	130	41	30	21	18	-	0	-	-	-	1	0	10	-	-	1.91	S	
1 SCOTLAND, E.																																
Nairn	Nairn ...	9 9	6	13.3	7.3	10.3	+1.1	18.3	2	0.6	18	-	-	85	123	21	30	22	17	0	0	0	1	0	0	0	2	-	3	1.78	60	-
	Grantown-on-Spey	9 9	229	12.4	4.6	8.5	-	18.9	2	-1.7	18	-	-	96	-	21	30	23	17	1	0	0	0	0	1	1	12	-	0	-	-	-
Moray	Forres ...	9 9	47	13.2	7.4	10.3	+1.2	17.8	2	1.7	18	10.6	11.3	83	120	23	30	22	15	0	0	0	0	0	0	1	-	0	2.00	66	-	
	Kinloss ...	21-9	5	13.5	7.4	10.5	+1.3	18.7	2	0.1	18	10.6	-	77	114	21	30	22	15	1	0	0	0	0	0	0	1	-	1	1.97	-	-
Banff	Elgin ...	9 9	15	13.4	6.7	10.1	-	17.2	20,22,28	0.0	18	-	-	81	115	22	30	19	15	0	0	0	0	0	0	4	-	1	2.33	-	-	
	Lossiemouth ...	9 9	6	13.2	6.4	9.8	+0.7	18.3	2	0.0	18	-	-	82	121	21	30	18	16	0	0	1	0	0	0	0	7	-	0	-	-	-
Aberdeen	Gordon Castle ...	9 9	32	13.8	7.3	10.5	+1.3	18.3	2	1.7	18	-	-	75	94	25	30	18	10	0	0	0	0	0	-	0	-	1	2.24	78	-	
	Glenlivet ...	21-9	215	12.6	6.0	9.3	-	18.8	2	-1.2	18	-	-	98	-	21	30	21	17	1	0	0	0	0	0	1	9	-	2	2.21	-	-
Aberdeen	Banff ...	9 9	24	13.3	8.0	10.7	-	18.3	2,22	3.3	16	-	-	67	-	22	30	20	13	0	0	0	0	0	0	-	-	2	1.88	-	-	
	Braemar ...	9 9	339	11.9	4.4	8																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1968

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 1916-50 average	Most in a day Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	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†	Glass min. below 0°C.	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1968

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 1901-50 average	Number of Days												Daily Mean (hr.)	Percentage of 1931-60 average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date					Amount (mm.)	Most in a day	Precip'n	0.2 mm. or more	1.6 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	Concrete min. below 0°C	Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
6b	ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1968

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.	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	Concrete min. below °C	Cale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
4 MIDLAND COUNTIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS OCTOBER, 1968

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURES °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days										BRIGHT SUNSHINE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				MEANS OF		Daily Mean (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 (mm.)	Precip'n			Snow lying at thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frosty	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm. or more	1.0 mm. or more				Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				Max. (A)	Min. (B)	Maximum	Date	Minimum	Date	30 cm.	122 cm.	Amount (mm.)	Date	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 Frosty	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	</

- Seed Trial Grounds

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

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1968

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						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 thr.	Hail	Ice Pellets etc.	Thunder heard	Fog at thr.	Air Frost†	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure															
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																				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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure
7a ENGLAND, N.W.—cont.																																														
Lancashire —cont.	Garstang	99	21	14.7	(9.8)	12.3	-	18.3	21	(3.3)	9	-	-	(142)	132	33	1	(17)	(14)	-	0	-	-	2	0	0	-	-	(1.57)	-	-															
	Bailrigg	99	54	14.5	10.0	12.3	-	18.4	21	(4.4)	9	-	-	-	-	-	-	-	-	-	-	-	0	0	0	-	-	1.69	-	-																
	Morecambe	99	7	14.6	10.6	12.6	+2.1	17.2	11	5.0	8	-	-	145	135	27	31	18	15	0	0	0	0	0	0	-	0	1.64	54	-																
	Penketh	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
	Preston	99	33	14.8	9.9	12.3	-	18.3	3	5.0	9	-	-	153	141	38	1	17	16	0	0	0	1	0	6	0	0	-	-	-																
	Bolton	99	107	14.6	9.6	12.1	-	18.9	21	4.4	9	12.1	-	191	-	51	1	18	16	-	-	-	-	2	0	0	-	-	1.56	-																
	Stonyhurst	99	115	13.9	-	-	-	17.2	11	-	-	-	-	207	155	56	1	17	16	-	-	-	-	3	0	0	-	-	1.46	53	-															
	Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
	Helmshore	99	260	13.1	8.8	10.9	-	17.2	4, 21	5.0	9, 19	10.9	-	224	136	43	1	20	17	-	-	-	-	5	0	0	-	-	1.04	-	-															
	Burnley	99	200	13.8	9.0	11.4	-	17.2	3	3.9	9	11.3	11.4	127	-	21	1	24	16	0	0	0	0	0	1	0	0	-	2	-	-															
	Nelson	99	165	13.7	9.2	11.5	-	16.9	3	3.9	5	11.8	12.1	125	100	45	1	17	15	-	-	-	-	2	0	-	-	-	1.39	-	-															
	Rochdale	99	110	14.6	9.1	11.9	-	18.9	21	3.3	9	-	-	173	146	29	1	19	16	0	0	0	0	1	3	0	0	-	0	-	S															
	Cheshire	West Kirby Park	99	8	15.9	10.7	13.3	-	21.1	3	5.6	9	-	-	65	-	17	1	5	10	-	-	-	-	-	-	-	-	-	2.13	-	-														
Bidston		99	60	14.5	10.6	12.5	+2.2	18.9	3	7.2	9, 17	-	-	74	97	16	1	16	12	-	-	-	-	3	0	0	-	-	2.06	71	-															
Ness Gardens		99	55	15.6	9.7	12.7	-	21.1	3	5.0	9	-	-	59	-	12	27	15	13	-	-	-	-	-	-	-	-	1.54	-	-																
Winnington		99	20	16.1	10.2	13.1	-	20.6	21	5.0	9	-	-	54	67	12	1	17	11	0	0	0	0	3	0	0	-	0	-	-																
Knutsford		99	65	-	9.1	-	-	-	-	4.4	9	12.8	13.7	76	90	16	1	16	14	-	-	-	-	-	-	-	-	0	-	-																
Ringway		99	76	15.1	10.2	12.7	+2.8	20.2	21	4.3	9	-	-	89	109	24	1	15	12	0	0	0	1	2	0	0	-	0	2.06	75	-															
Macclesfield		99	152	14.7	9.3	12.0	+2.5	19.4	21	5.0	16	-	-	97	106	27	28	16	11	0	0	0	0	1	0	0	-	0	-	-																
7b NORTH WALES																																														
Flint	Rhyl	99	9	15.5	10.4	12.9	+2.0	20.0	21	5.6	8	-	-	63	83	12	1	16	12	0	0	0	0	0	1	0	0	-	0	2.16	69	-														
	Prestatyn	99	4	15.9	10.4	13.1	-	20.0	3, 21	5.6	8	-	-	63	80	13	1	16	13	0	0	0	0	0	0	0	-	0	2.08	71	-															
Hawarden Bridge	99	5	15.5	(10.1)	(12.8)	+2.3	20.6	3	3.3	9	-	-	49	68	10	9	16	12	0	0	0	0	0	5	0	-	-	0	-	-																
	Valley	99	10	14.8	11.2	13.0	+1.6	18.7	21	6.1	8	-	-	98	100	17	27	18	15	0	0	1	0	1	0	0	-	4	1.72	52	-															
Colwyn Bay	99	36	15.6	10.6	13.1	+1.9	20.0	3	7.2	8, 15, 16	13.1	-	(92)	(109)	16	27	(16)	(12)	0	0	0	0	0	0	0	-	-	0	2.45	80	-															
	Alwen	99	385	13.1	7.7	10.4	-	18.3	21	1.7	15	-	-	132	95	19	27	20	16	-	-	-	-	-	2	-	-	-	-	-																
Ruthin	99	76	(15.2)	9.8	(12.5)	-	18.3	3, 4, 5	5.6	8, 9	-	-	69	-	19	27	15	13	-	-	-	-	1	0	-	-	-	-	1.78	-	-															
	Loggerheads	99	210	14.4	8.9	(11.7)	-	19.4	3	3.9	8	11.3	12.0	77	-	13	27	18	13	0	0	0	0	3	0	0	-	0	2.03	-	-															
Bwchgwyn	99	386	12.9	(8.2)	(10.5)	-	17.2	20	4.4	9, 16	10.4	-	91	77	18	31	17	12	0	0	0	0	4	0	1	-	0	-	-	-																
	Wrexham	99	84	15.7	-	-	-	21.4	3	-	-	-	-	12.9	55	67	9	9	14	12	0	0	0	0	4	-	1	-	0	-																
Bardsey Island	21-9	18	-	12.6	-	-	-	-	-	10.2	8	-	-	103	-	26	27	13	9	-	-	-	-	1	0	0	-	-	-	-	-															
	Botwnnog	99	34	14.7	10.7	12.7	-	16.1	7, 9, 10	6.1	8	13.6	13.9	126	-	29	27	17	11	0	0	0	0	1	0	0	-	0	1.90	-	-															
Bryn Adda	99	84	15.4	10.4	12.9	-	18.9	3	6.7	7, 8	-	-	130	96	25	1	17	16	0	0	0	0	1	0	0	6	-	1	(2.11)	-	-															
	Aber	99	18	16.2	10.4	13.3	+2.0	21.1	19	6.1	8	-	-	106	89	19	27	17	15	0	0	0	0	1	0	0	0	-	0	1.78	64	S														
Trawsfynydd	99	186	(14.4)	(9.9)	(12.1)	-	20.6	21	6.7	7, 16, 18	-	-	105	-	34	2	21	17	-	-	-	-	-	0	0	-	-	-	-	-	-															
	Blaenau Ffestiniog	99	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Corwen	99	144	14.9	8.8	11.9	-	20.0	21	3.9	15	-	-	93	75	11	9	18	16	0	0	0	0	0	-	0	1	-	0	-	S																
	Ceiriws	99	61	15.2	9.9	12.5	-	18.9	21	3.9	9	-	-	231	-	33	2	19	18	-	-	-	-	0	0	0	-	-	-	-																
Lake Vyrnwy	99	303	13.0	8.6	10.8	-	17.2	21	4.4	7, 9	11.3	-	211	117	32	9	22	18	0	0	0	0	0	2	0	0	-	0	-	-																
8a SOUTH WALES																																														
Aberporth	21-9	133	14.6	11.0	12.8	+2.0	19.4	21	6.2	14	-	-	94	79	19	27	16	12	0	0	0	0	0	1	0	0	-	0	1.90	-	-															
	Aberystwyth	99	138	14.7	10.2	12.5	+1.9	20.0	21	6.1	7	-	-	101	94	16	27	17	13	0	0	0	0	0	1	0	0	-	0	1.46	46	S														
Frongoch	99	31	15.8	10.9	13.3	-	21.7	21	5.0	9	-	-	107	93	20	2	17	14	0	0	0	0	0	0	0	-	-	0	1.49	-	-															
	Swyddifrynnon	99	165	(15.4)	(9.8)	(12.6)	-	20.0	21	3.3	9	-	-	107	76	15	27	18	17	-	-	-	-	1	0	0	-	-	1.63	-	-															
Trawscoed	99	61	15.3	10.2	12.7	-	21.1	21	4.4	9	13.7	-	102	77	18	9	17	14	0	0	0	0	0	0	0	-	-	0	1.65	-	-															
	Llety-eyan-hen	99	290	13.5	9.7	11.6	-	18.9	21	6.1	16	-	-	134	83	29	2	15	14	0	0	0	0	2	0	0	-	0	1.21	43	-															
Cwmystwyth	99	301	13.9	-	-	-	17.2	5	-	-	-	-	151	-	29	2	17	16	-	-	-	-	-	0	7	-	-	-	-	-																
	Dale Fort	99	33	15.3	11.9	(13.6)	-	17.2	21	8.9	26	-	-	80	-	21	30	18	14	0	-	0	0	0	0	0	-	2	2.11	-	-															
Milford Haven C.B.	21-9	37	14.8	11.9	13.3	-	16.5	21	6.4	26	-	-	75	-	15	30	17	15	0	0	0	0	0	0	0	-	3	-	-	-																
	Brawdy	99	110	14.4	10.4	12.4	-	17.2	21	5.6	26	-	-	98	76	18	30	17	17	0	0	0	0	3	0	0	-	0	1.93	-	-															
Orierton	99	61	(15.0)	(10.8)	(12.9)	-	16.1	1, 10, 21	5.6	9	(13.6)	-	104	-	28	27	21	14	0	0	0	0	-	0	0	-	-	0	-	-																
	Carmarthen	99	15	15.7	10.3	13.0	-	20.0	21	0.6	15	14.1	-	160	-	29	30																													

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

OCTOBER,

1968

DISTRICT, COUNTY AND PLACE		Max. Terminal hr. GMT of Observation	Height of Station above MSL (feet)	AIR TEMPERATURE IN DEGREES CELSIUS								MEAN EARTH TEMPERATURE °C		RAINFALL (Terminal hour 9 GMT)			WEATHER Number of Days											BRIGHT SUNSHINE					
				MEANS OF		Daily Mean (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-60 average	Most in a day Amount (mm.)	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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	0.2 mm.	0.6 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 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 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.
</																																	

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER,

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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.
																										54 or more	21-33	4-7	8-11	12-15								
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	83m.	3	1008.1	-	7.8	0.6	9.7	90	6.2	0	4	5	7	14	1	0	0	1	1	1	8	5	3	12	1	5	9	15	1	2	5	3	3	4	7	5	1	
		15	1008.2	-0.6	8.6	0.9	9.9	88	6.7	0	0	6	14	9	2	0	0	1	0	0	2	7	2	5	13	0	3	13	13	2	5	3	3	4	7	3	1	
		21	1008.2	-	8.1	0.8	9.8	89	7.6	0	0	2	6	22	1	0	1	0	1	0	1	9	4	5	10	0	5	11	11	4	6	0	6	1	3	6	4	1
Orkney Kirkwall	26m.	3	1007.7	-	8.9	0.6	10.5	91	6.5	0	4	3	7	16	1	0	0	1	0	0	1	4	7	16	2	0	3	15	11	2	1	3	4	3	5	7	6	0
		9	1008.1	-1.4	9.7	0.7	11.0	90	6.9	0	2	3	10	14	2	0	0	2	0	0	0	7	1	15	6	1	4	16	10	0	1	1	7	7	6	2	7	0
		15	1007.7	-	10.6	1.1	11.2	86	7.1	0	0	2	13	16	0	0	0	0	0	0	0	7	7	9	8	0	7	16	8	0	1	3	5	4	5	4	9	0
Caithness Wick	37m.	3	1008.1	-	9.1	0.7	10.6	90	6.3	0	6	2	5	17	1	0	1	0	0	1	0	6	6	13	4	1	4	13	12	1	2	2	5	3	7	4	7	0
		9	1007.8	-	9.1	0.8	10.5	90	6.2	0	5	2	12	12	0	0	0	0	0	0	1	7	5	13	5	0	2	12	17	0	1	2	3	4	8	6	7	0
		15	1008.1	-1.9	9.8	0.8	10.9	89	6.9	0	1	2	16	12	0	0	0	0	0	0	2	6	10	7	6	0	5	12	14	0	0	2	6	5	8	4	5	1
Sutherland Cape Wrath*	113m.	3	1007.7	-	11.1	1.2	11.3	84	6.7	0	2	3	14	12	0	0	0	0	0	0	2	6	7	8	8	0	4	14	13	0	2	1	3	10	5	4	4	2
		9	1008.1	-	9.6	0.9	10.7	88	5.9	1	4	5	9	12	0	0	0	0	0	0	1	7	8	8	7	0	2	14	15	0	1	2	4	5	4	9	4	2
		15	1006.2	-	9.8	0.9	10.7	88	6.5	0	1	8	8	14	0	0	0	0	0	0	0	2	1	8	20	3	3	15	9	1	0	0	5	8	2	10	5	0
Ross & Cromarty Stornoway	5m.	3	1006.4	-	9.9	0.9	10.9	89	7.1	0	0	2	12	17	0	0	0	0	0	0	0	2	3	11	15	4	6	12	9	0	0	0	4	9	4	10	3	1
		9	1006.3	-	10.7	1.2	11.1	85	7.0	0	0	4	12	13	2	0	0	2	0	0	0	3	3	7	16	2	8	11	10	0	0	1	5	5	2	12	4	2
		15	1006.4	-	9.9	1.1	10.5	85	5.9	0	3	10	4	13	1	0	0	1	0	0	0	0	1	13	16	2	6	12	9	2	1	1	4	6	2	11	4	0
Inverness Benbecula	7m.	3	1006.9	-	9.6	0.5	11.3	94	5.5	1	5	6	9	10	0	0	0	0	0	0	0	3	13	11	4	0	3	8	16	4	0	2	4	2	7	8	3	1
		9	1006.7	-2.9	10.4	0.5	11.8	93	6.5	0	3	2	13	13	0	0	0	0	0	0	2	6	12	6	5	0	4	14	11	2	2	2	4	6	7	2	0	0
		15	1006.6	-	11.7	1.1	12.0	87	6.5	0	1	6	14	10	0	0	0	0	0	0	2	6	12	6	5	0	4	14	11	2	1	2	1	2	9	9	4	1
Angus Usan	35m.	3	1007.1	-	9.6	0.6	11.1	92	5.7	1	3	6	12	9	0	0	0	0	0	0	2	5	9	6	1	3	8	12	7	0	3	1	5	3	10	2	0	0
		9	1007.1	-	10.5	0.8	11.4	89	5.9	1	2	9	6	13	0	0	0	0	0	1	0	8	7	13	2	3	3	13	10	2	0	1	5	5	8	4	5	1
		15	1006.9	-2.8	11.4	1.0	11.9	88	6.7	0	2	3	13	13	0	0	0	0	0	0	3	7	10	7	4	3	5	14	8	1	0	1	6	10	5	4	3	0
Fife Leuchars	12m.	3	1007.1	-	12.1	1.4	11.8	83	6.0	0	2	7	16	6	0	0	0	0	1	1	0	5	9	11	4	3	5	16	9	1	1	1	0	4	10	9	2	3
		9	1007.4	-	10.5	0.9	11.3	88	6.5	0	2	5	12	12	0	0	0	0	0	1	0	4	12	10	4	0	8	9	11	3	0	2	2	4	9	4	5	2
		21	1007.4	-	10.5	0.9	11.3	88	6.5	0	2	5	12	12	0	0	0	0	0	1	0	4	12	10	4	0	8	9	11	3	0	2	2	4	9	4	5	2
1 SCOTLAND, E.																																						
Moray Kinloss	6m.	3	1008.7	-	9.3	1.0	10.3	87	6.1	1	3	6	7	14	0	0	0	0	0	1	0	6	6	7	11	0	2	11	15	3	0	2	2	2	0	17	5	0
		9	1008.7	-1.8	9.9	1.0	10.8	88	6.5	0	2	3	18	8	0	0	0	0	0	0	0	6	5	11	9	0	1	11	16	3	0	2	7	3	3	7	6	0
		15	1008.3	-	12.5	2.0	11.3	77	6.4	0	1	7	12	11	0	0	0	0	0	0	0	5	7	8	11	0	5	13	12	1	2	1	5	2	4	8	7	1
Aberdeen Dyce	59m.	3	1008.9	-	9.9	1.1	10.6	86	5.7	2	2	6	12	9	0	0	0	0	0	0	0	8	5	11	7	0	1	9	21	0	0	2	6	2	4	11	6	0
		9	1008.9	-	8.4	0.7	10.1	90	4.9	5	4	3	11	7	1	0	0	1	3	1	4	5	7	6	4	0	0	8	12	11	0	1	2	2	4	9	1	1
		15	1009.2	-2.3	9.5	1.0	10.4	87	6.4	0	3	5	10	13	0	0	0	2	1	7	5	6	2	8	0	3	8	11	9	2	0	2	2	9	4	2	1	0
Angus Usan	35m.	3	1008.7	-	12.0	1.6	11.4	81	6.6	0	2	2	18	8	1	0	0	0	1	2	4	7	4	1	12	0	3	12	14	2	1	1	4	5	8	6	2	2
		9	1009.3	-	9.2	0.9	10.5	89	5.5	1	7	4	9	10	0	0	0	1	0	3	4	9	6	3	5	0	0	7	17	7	2	0	1	3	7	9	2	0
		15	1009.0	-	10.0	1.0	10.8	87	6.1	0	7	2	5	15	2	0	0	2	0	1	2	15	11	0	0	2	8	20	1	0	1	3	2	11	4	9	0	
Fife Leuchars	12m.	3	1009.1	-	10.2	1.1	10.8	86	6.5	0	1	6	10	14	0	0	0	0	0	0	1	6	7	15	2	1	4	8	17	1	0	1	2	5	11	4	6	1
		9	1008.9	-	11.9	1.5	11.5	82	6.6	0	0	6	14	11	0	0	0	0	0	0	1	8	8	13	1	1	2	12	13	3	1	2	1	5	8	3	8	0
		15	1009.3	-	10.4	1.2	10.8	85	5.9	0	5	6	9	11	0	0	0	0	0	1	2	3	15	10	0	0	2	7	20	2	0	3	2	3	9	8	4	0
Midlothian Turnhouse	44m.	3	1008.7	-	9.8	0.8	11.3	93	5.0	5	3	6	4	13	0	0	0	0	0	0	1	12	0	3	15	0	2	8	18	3	1	0	1	3	6	6	9	2
		9	1009.0	-	10.3	0.8	11.5	91	6.0	0	4	6	8	13	0	0	0	0	0	0	3	5	7	11	0	3	10	13	5	0	2	2	3	5	7	7	0	
		15	1008.5	-	12.5	1.3	12.3	85	6.0	0	2	9	10	10	0	0	0	0	0	1	12	1	6	11	0	5	8	14	4	1	1	2	2	6	9	6	0	
Fife Leuchars	12m.	3	1008.9	-	10.3	0.6	11.7	92	4.6	5	4	7	5	10	0	0	0	0	0	0	0	12	3	2	14	0	0	3	7	17	4	1	1	2	5	8	7	2
		9	1009.4	-	9.5	0.5	11.2	93	5.8	3	2	7	7	12	0	0	0	0	0	4	10	6	9	2	0	2	10	7	2	0	2	1	3	7	10	1	0	
		15	1009.6	-2.3	10.5	0.8	11.5	90	6.1	0	5	2	17	7	0	0	0	0	0	3	8	10	5	5	0	2	12	12	5	1	1	3	2	0	8	11	0	
Midlothian Turnhouse	44m.	3	1009.0	-	12.7	1.5	12.2	82	6.1	0	3	6	13	9	0	0	0																					

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1968

[illegible]

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

OCTOBER,

1968

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	Calcu									
																									34 or more	22-33	11-21	1-10	0									
Number of Observations																																						
4 MIDLAND COUNTIES —cont.	Finningley 14m.	3	1013.7	-	11.3	0.6	12.5	92	5.8	5	2	1	7	15	1	0	1	0	2	1	7	12	6	2	0	0	0	8	10	13	1	1	0	0	5	8	3	0
		9	1014.0	-0.4	12.3	0.9	12.9	90	6.4	0	5	1	10	12	3	0	2	0	1	5	4	11	7	1	0	0	1	9	9	12	0	0	1	0	6	8	4	0
		15	1013.1	-	14.8	2.0	13.2	78	6.6	0	2	3	14	12	0	0	0	0	1	0	4	12	11	2	1	0	1	10	18	2	0	2	2	1	5	8	9	2
	Northampton Wittering 67m.	3	1013.5	-	12.2	0.9	12.9	90	6.2	1	3	4	8	14	1	1	1	0	0	0	8	11	8	2	0	0	0	8	15	8	1	0	1	1	8	7	4	1
		9	1014.9	-0.1	10.9	0.5	12.2	93	5.8	4	2	3	6	13	3	0	2	1	5	2	4	9	8	0	0	0	0	10	17	4	0	2	0	1	6	12	5	1
		15	1015.1	-	12.0	0.9	12.7	90	6.3	1	3	3	9	12	3	0	1	2	1	4	5	6	8	4	0	0	0	15	15	1	0	3	1	3	8	8	7	0
	Warwick Edgbaston 165m.	3	1014.3	-	14.7	2.1	13.1	78	6.3	0	3	5	13	10	1	0	0	0	1	1	6	5	12	6	0	0	0	17	14	0	0	2	1	3	6	12	4	3
		9	1014.6	-	11.9	0.8	12.8	91	5.9	3	1	5	9	12	1	0	1	2	4	5	8	9	1	0	0	0	10	18	3	1	1	1	1	4	7	11	3	0
		15	1015.3	-0.1	11.7	0.8	12.6	90	6.5	2	1	2	12	14	0	0	0	0	4	7	1	8	9	2	0	0	0	4	27	0	0	1	3	3	13	8	2	1
	Elmdon 110m.	3	1014.5	-	14.2	1.9	12.9	79	6.5	0	1	7	10	13	0	0	0	0	1	6	8	12	3	1	0	0	5	26	0	2	0	3	1	12	9	2	2	
		9	1014.7	-	12.2	0.9	12.7	89	6.0	2	5	2	5	15	2	0	1	0	1	4	4	10	8	3	0	0	0	4	26	1	1	0	5	3	11	8	1	1
		15	1014.6	-	11.2	0.9	12.0	89	5.9	2	5	2	8	12	2	0	1	2	0	1	12	4	11	0	0	0	0	8	15	8	1	1	0	2	8	10	1	0
Oxford Brize Norton 84m.	3	1014.9	-	12.0	0.9	12.5	89	6.7	1	2	0	13	13	2	1	0	1	0	3	10	4	12	0	0	0	0	9	18	4	0	1	3	0	8	12	2	1	
	9	1014.0	-	14.4	2.3	12.4	75	6.7	0	2	3	14	12	0	0	0	0	1	0	5	9	14	2	0	0	1	13	16	1	3	0	2	3	9	10	2	1	
	15	1014.3	-	12.0	0.9	12.5	88	6.1	1	4	3	10	12	1	0	1	0	1	0	9	11	9	0	0	0	0	9	19	3	0	2	2	13	6	3	2		
Shropshire Shawbury 76m.	3	1015.5	-	11.4	0.3	13.1	96	5.7	3	4	3	9	12	0	0	0	1	2	6	4	11	6	1	0	0	2	23	6	0	1	4	1	1	8	9	1	0	
	9	1015.8	-	12.0	0.5	13.3	94	6.7	1	1	4	11	14	0	0	1	0	1	4	9	9	4	3	0	0	0	6	19	6	0	0	4	0	4	6	11	0	
	15	1014.9	-	14.7	1.8	13.5	81	6.7	0	1	4	12	14	0	0	0	0	0	3	12	9	6	1	0	0	10	20	1	0	1	3	1	5	7	12	1	1	
Hereford Ross-on-Wye 69m.	3	1015.3	-	12.1	0.6	13.2	93	6.3	1	3	4	6	16	1	0	1	0	0	1	7	9	11	2	0	0	0	7	19	5	1	0	4	2	4	6	9	0	
	9	1014.0	-	11.0	0.6	13.2	93	5.7	4	3	3	6	14	1	2	0	0	2	1	7	2	6	9	2	0	0	4	16	11	0	1	2	2	5	5	5	0	
	15	1014.2	-	12.0	0.8	12.8	90	6.7	1	2	0	14	12	2	0	2	2	4	2	8	1	8	4	0	0	10	17	4	0	1	4	4	6	10	2	0		
Gloucester Filton 60m.	3	1013.4	-	14.6	1.9	13.2	79	6.7	0	3	2	16	10	0	0	0	0	0	2	8	9	5	7	0	2	9	17	3	1	0	2	1	10	6	6	2		
	9	1013.8	-	12.2	0.9	12.8	90	6.1	1	2	6	11	11	0	0	0	1	0	0	7	6	2	13	2	0	5	20	6	1	0	1	1	11	8	3	0		
	15	1014.8	-0.7	12.7	1.0	13.1	89	6.5	0	2	5	8	15	1	0	1	0	2	1	5	12	1	9	0	0	0	5	25	1	0	1	4	0	6	15	4	0	
Gloucester 24m.	3	1013.8	-	14.9	1.9	13.6	80	6.9	0	1	4	9	17	0	0	0	0	0	3	14	4	10	0	0	0	7	23	1	2	1	1	6	6	8	6	0		
	9	1014.3	-	12.4	0.9	12.9	89	5.9	0	6	3	8	13	1	0	1	0	0	6	11	2	11	0	0	0	5	22	4	1	0	4	1	8	11	1	1		
	15	1015.2	-	11.9	0.6	13.1	93	6.7	0	3	0	17	8	3	0	2	1	0	1	8	11	5	3	0	0	7	17	7	0	2	2	2	7	7	7	0		
Little Rissington 229m.	3	1015.4	-0.4	12.8	0.7	13.6	91	7.1	0	1	1	15	13	1	0	1	0	1	3	6	8	9	3	0	0	11	17	3	0	3	4	2	7	7	5	0		
	9	1014.7	-	14.7	1.5	14.0	83	7.0	0	1	3	10	17	0	0	0	0	0	4	11	11	5	0	0	1	13	16	1	1	2	2	4	6	6	9	0		
	15	1015.0	-	12.5	0.6	13.4	92	5.8	1	4	5	8	12	1	1	0	0	0	2	9	7	12	0	0	0	6	18	7	0	3	1	5	7	2	1	0		
5 ENGLAND, S.E.	Greater London Heathrow 26m.	3	1015.1	-	12.4	0.7	13.4	93	5.8	1	4	5	9	12	0	0	0	0	3	1	6	9	10	2	0	0	6	17	8	2	1	1	2	11	6	0	0	
		9	1015.3	-	13.3	0.9	13.8	90	6.8	0	1	5	11	13	1	0	1	0	0	4	5	10	7	4	0	0	7	17	7	0	4	0	1	8	11	0	0	
		15	1014.6	-	15.6	1.9	14.2	80	6.9	0	1	2	16	12	0	0	0	0	0	4	8	11	5	3	0	2	7	17	5	2	0	1	2	10	9	2	0	
	Kew 10m.	3	1014.8	-	13.1	0.9	13.6	90	5.9	3	2	4	10	11	1	0	0	0	1	2	6	11	7	3	1	0	9	12	10	1	0	0	1	9	9	0	1	
		9	1015.2	-	10.7	0.2	12.6	97	6.4	1	3	3	6	13	5	0	3	1	2	5	3	9	4	3	1	0	1	5	21	4	1	2	3	0	5	8	0	
		15	1015.4	-0.5	11.4	0.4	12.8	94	6.4	1	2	5	6	11	6	0	3	3	2	2	8	7	3	1	0	0	10	18	3	0	3	1	1	5	8	8	0	
	Surrey Gatwick 59m.	3	1014.5	-	13.5	1.5	12.9	83	6.9	0	5	11	14	1	0	0	1	0	1	13	5	7	4	0	0	0	14	17	0	1	2	1	2	6	12	5	2	
		9	1015.0	-	11.3	0.5	12.6	94	6.2	1	4	2	10	12	2	0	1	1	1	2	3	9	6	8	0	0	0	12	18	1	1	0	4	3	7	10	4	1
		15	1015.8	-	12.0	0.6	13.2	93	6.3	1	3	4	6	16	1	0	1	0	0	1	7	9	11	2	0	0	0	8	15	8	1	1	0	2	8	10	2	0
	Kent Dungeness 7m.	3	1016.2	-	13.3	1.1	13.5	88	5.9	1	4	4	12	9	1	0	1	0	0	3	6	14	2	5	0	0	0	3	24	4	0	1	4	0	7	12	3	0
		9	1015.3	+0.2	15.9	2.4	13.7	76	6.3	1	2	4	14	10	0	0	0	0	0	3	2	9	4	10	3	0	0	5	26	0	1	1	4	1	8	12	4	0
		15	1015.7	-	13.2	1.0	13.5	89	5.2	1	5	9	7	9	0	0	0	0	0	3	6	14	4	4	0	0	0	4	24	3	0	2	4	1	6	11	4	0
Sussex Thorney Island 4m.	3	1016.2	-	11.3	0.3	13.0	96	5.7	2	3	6	9	11	0	0	0	1	3	6	4	10	7	0	0	0	2	22	7	0	1	2	0	6	10	5	0		
	9	1016.4	-	1																																		

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS OCTOBER, 1968

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.	40-100 m.	200-300 m.	400-500 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.		3	1011.5	-	11.0	0.7	12.1	91	6.0	1	4	5	7	14	0	0	0	0	3	4	8	11	5	0	0	0	1	9	7	14	0	0	1	4	1	6	5	0	
Cumberland Carlisle	28m.	9	1011.8	-	11.9	1.0	12.4	88	6.5	0	1	5	15	10	0	0	0	0	1	1	4	8	10	6	1	0	2	6	19	4	0	0	5	5	3	9	5	0	
		15	1011.0	-	13.7	1.6	12.9	82	6.9	0	1	3	14	13	0	0	0	0	1	1	11	10	8	1	0	0	1	9	15	6	2	1	2	4	3	10	3	0	
		21	1011.5	-	11.4	0.9	12.2	90	6.1	0	5	4	8	14	0	0	0	0	2	6	11	9	3	0	0	0	0	6	18	7	0	0	4	5	3	8	4	0	
Westmorland Great Dun Fell	—	3	-	-	6.1	0.0	9.5	100	7.5	2	0	0	0	1	28	15	14	0	0	0	0	0	1	1	0	0	3	8	14	5	1	0	0	2	1	6	20	1	0
		9	-	-	6.5	0.1	9.7	100	7.6	1	0	1	1	3	25	5	21	0	0	0	0	0	0	3	2	0	2	10	13	5	1	0	2	1	2	5	16	4	0
		15	-	-	7.1	0.1	10.0	98	7.8	0	0	0	4	7	20	9	11	0	0	0	0	0	5	0	0	6	0	3	9	14	4	1	0	2	1	1	10	12	4
Lancashire Speke	26m.	21	-	-	6.3	0.0	9.7	100	7.2	1	1	2	2	0	25	10	15	0	0	0	0	2	0	4	0	0	3	8	14	4	2	0	1	1	2	9	15	0	1
		3	1013.1	-	11.8	0.8	12.6	90	6.1	1	4	4	10	12	0	1	1	0	1	0	3	11	10	4	0	0	0	9	12	10	0	1	6	6	6	1	1	0	
		9	1013.5	-	12.2	1.0	12.6	88	6.4	0	3	5	13	9	1	1	1	0	2	4	3	6	10	2	2	0	0	12	13	6	0	0	1	3	5	6	6	4	0
Cheshire Ringway	76m.	15	1012.5	-	14.7	1.9	13.4	79	6.6	0	2	2	21	6	0	0	0	0	0	5	9	7	7	3	0	0	1	13	15	2	0	1	1	7	6	6	7	1	
		21	1012.9	-	12.7	1.1	12.9	87	6.3	1	4	2	13	11	0	0	0	0	2	6	9	11	3	0	0	0	0	11	15	5	1	1	3	8	4	3	6	0	
		3	1013.3	-	11.1	0.7	12.2	91	6.0	2	4	4	5	16	0	0	1	1	1	1	8	9	4	6	0	0	0	0	9	18	4	0	2	1	3	15	6	0	0
		9	1013.6	-0.8	11.8	1.0	12.3	87	6.5	0	2	4	16	9	0	0	0	0	2	3	10	11	5	0	0	0	0	10	19	2	0	1	3	3	14	4	4	0	
		15	1012.7	-	14.1	2.2	12.4	77	6.9	0	1	3	15	12	0	0	0	0	1	7	9	10	4	0	0	0	0	11	19	1	1	0	3	3	9	8	5	1	
		21	1013.0	-	12.2	1.1	12.5	78	6.3	0	5	2	11	13	0	0	0	0	3	7	15	5	1	0	0	0	0	10	18	3	1	1	3	3	14	5	1	0	
7b NORTH WALES		3	1012.4	-	12.2	0.6	13.3	93	6.7	0	2	5	8	16	0	0	0	0	2	0	11	12	6	0	1	8	13	9	0	2	0	2	3	11	8	5	0		
Anglesey Valley	11m.	9	1012.7	-1.3	13.1	0.8	13.7	90	6.5	0	3	4	11	13	0	0	0	0	2	1	7	15	5	1	0	12	13	6	0	0	2	4	0	12	7	5	1		
		15	1011.9	-	14.1	1.1	14.2	88	7.0	0	0	4	12	15	0	0	0	0	1	1	8	14	5	2	2	9	11	7	2	0	2	1	2	10	10	4	0		
		21	1012.2	-	12.4	0.6	13.5	93	5.2	1	7	6	5	12	0	0	0	0	1	0	3	10	13	3	1	1	7	12	7	4	0	1	3	2	11	6	4	0	
Caernarvon Bardsey Island	19m.	3	1012.7	-	13.2	0.6	14.2	93	6.2	2	4	4	2	18	1	0	0	1	1	0	0	4	16	9	0	1	6	15	8	1	1	0	2	3	10	7	7	0	
		9	1012.9	-	13.4	0.7	14.1	91	7.0	0	1	3	10	16	1	0	0	1	0	0	4	11	13	2	0	9	15	7	0	0	1	4	1	10	8	7	0		
		15	1012.1	-	14.3	0.9	14.7	90	6.9	0	1	4	10	15	1	0	0	0	1	0	0	4	10	14	2	2	6	14	9	0	1	1	3	3	8	10	5	0	
21	1012.4	-	13.4	0.6	14.3	93	6.5	1	0	8	4	18	0	0	0	0	0	0	0	4	12	15	0	1	8	12	7	3	0	2	0	5	10	7	4	0			
8a SOUTH WALES		3	1013.4	-	12.1	0.6	13.2	93	6.3	2	3	1	10	14	1	0	1	1	0	4	12	10	3	0	0	1	19	11	0	0	2	1	3	13	7	5	0		
Cardigan Aberporth	134m.	9	1013.7	-1.0	12.6	0.7	13.4	92	7.0	0	0	2	20	9	0	0	0	0	1	2	5	6	13	4	0	0	3	20	7	1	0	2	2	3	12	8	3	0	
		15	1012.9	-	13.8	1.1	13.9	88	6.6	0	3	1	15	12	0	0	0	0	2	1	12	12	4	0	0	5	17	9	0	1	2	1	2	12	9	3	1		
		21	1013.1	-	12.4	0.6	13.4	92	5.3	2	8	2	6	12	1	0	0	0	1	0	2	8	16	3	1	0	3	18	9	1	1	0	1	5	12	6	5	0	
Pembroke Milford Haven C.B.	39m.	3	1013.8	-	13.3	0.7	14.2	92	6.4	1	3	4	8	13	2	0	0	2	1	0	2	12	11	3	0	0	2	14	11	4	0	2	1	4	6	7	7	0	
		9	1014.0	-	13.4	0.7	14.2	91	7.1	0	0	3	12	16	0	0	0	0	0	4	15	11	1	0	0	3	14	11	3	0	1	3	4	7	6	5	1		
		15	1013.3	-	14.3	0.7	14.9	91	7.0	0	1	4	8	18	0	0	0	0	1	1	17	11	1	0	0	6	17	8	0	2	0	1	6	7	11	4	0		
Glamorgan Mumbles	37m.	21	1013.4	-	13.7	0.7	14.5	92	6.2	2	3	4	4	18	0	0	0	0	0	1	15	13	2	0	0	4	14	9	4	0	1	0	8	6	7	5	0		
		3	1014.0	-	13.2	0.6	14.2	92	6.3	0	3	7	5	16	0	0	0	1	1	10	10	8	0	0	0	7	12	10	2	0	3	7	0	3	7	8	1		
		9	1014.3	-	13.6	0.7	14.3	91	6.9	0	0	5	9	17	0	0	0	0	1	4	15	8	3	0	0	8	14	7	2	0	2	7	1	5	3	10	1		
Rhoose	69m.	15	1013.6	-	14.3	0.9	14.6	89	7.3	0	0	4	10	17	0	0	0	0	1	4	17	4	5	0	1	9	15	5	1	0	2	6	1	5	9	7	0		
		21	1013.8	-	13.8	0.7	14.5	91	6.2	0	4	4	11	12	0	0	0	0	0	1	10	11	6	3	1	8	11	8	3	0	0	8	3	5	3	7	2		
		3	1014.8	-	12.4	0.7	13.3	92	6.9	0	3	2	8	16	2	0	1	0	2	1	3	8	11	5	0	0	0	12	15	4	0	3	4	1	4	4	8	3	
		9	1015.0	-0.9	13.2	0.8	13.8	91	6.8	0	1	5	10	15	0	0	0	2	2	4	11	9	2	1	0	0	16	12	3	0	1	6	2	5	3	10	1		
		15	1014.3	-	14.3	1.3	14.0	85	6.7	0	1	4	15	11	0	0	0	0	2	3	5	12	6	3	0	2	11	15	3	0	2	5	4	4	5	8	0		
		21	1014.6	-	12.9	0.7	13.6	91	6.6	0	2	4	10	14	1	0	1	0	0	1	5	8	8	7	1	0	1	10	18	2	0	2	3	5	4	5	5	5	
8b ENGLAND, S.W.		3	1015.8	-	12.2	0.6	13.3																																

TABLE VIII—NUMBER OF DAYS IN OCTOBER, 1968
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		Above 15·0					
Lerwick	0	1	11	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	25	0	0	Edgbaston	0	0	0	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	19	0
Stornoway	0	0	2	26	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	12	12	0	Kew	0	0	0	8	23	0	0	0	0	0	0	0	0	0	0	0	0	9	22	0		
Craibstone	0	0	4	22	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	22	1	0	Hastings	0	0	0	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	7	23	1		
Rothsay	0	0	2	27	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	18	11	0	Southampton	0	0	0	7	23	1	0	0	0	0	0	0	0	0	0	0	0	0	8	22	1		
Abbotsinch	0	0	1	20	10	0	0	0	0	0	0	0	1	3	14	13	0	0	0	0	0	0	1	24	13	0	Stonyhurst	0	0	1	24	6	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Eskdalemuir	0	0	2	26	3	0	0	0	0	0	0	0	1	5	18	7	0	0	0	0	0	0	22	9	0	0	Bidston	0	0	0	22	9	0	0	0	0	0	0	0	0	0	0	0	0	12	19	0		
Douglas	0	0	0	27	4	0	0	0	0	0	0	0	1	13	17	0	0	0	0	0	0	0	1	13	17	0	Valley	0	0	0	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	9	22	0	
Acklington	0	0	0	20	11	0	0	0	0	0	0	0	5	14	12	0	0	0	0	0	0	5	14	12	0	Falmouth	0	0	0	12	19	0	0	0	0	0	0	0	0	0	0	0	0	0	8	23	0		
Gorleston	0	0	0	14	17	0	0	0	0	0	0	0	0	12	19	0	0	0	0	0	0	12	19	0	0	Aldergrove	0	0	0	21	10	0	0	0	0	0	0	0	0	0	0	0	2	16	13	0			
Cambridge	0	0	1	10	19	1	0	0	0	0	0	0	0	17	14	0	0	0	0	0	0	17	14	0	0	Armagh	0	0	0	16	15	0	0	0	0	0	0	0	0	0	0	0	0	3	19	9	0		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, OCTOBER, 1968

[illegible]

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	Max. Terminal 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				HIGHEST MAXIMUM AND LOWEST MINIMUM						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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more																	
1968	January	Aberdeen			5.8	-0.3	2.7	+0.1	12.2	19	-7.2	8, 9, 10	-	-	48	67	10	31	16	13	-	11	-	-	-	-	0	14	21	-	-	1.62	99	5	
		Poulton-le-Fylde			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Ronaldsway																																	
		Luddington													59	107			16	11															
	February	Poulton-le-Fylde			5.7		2.5		11.7	1																									
		Preston Wynne				-1.2	3.0																												
		Moor House																																	
		Weston-s-Mare									-3.3																								
		Ronaldsway																																	
		Chivenor																																	
	March	Duntulm			7.2	2.7	4.9	-0.8	10.6	26	-0.6	22	-	-	159	193	43	26	28	19	8	0	1	0	0	0	1	12	-	1	2.22	63	-		
		Glenlivet			7.3	1.4	4.3	-	14.1	27	-4.6	21	-	-	53	-	10	21	21	13	12	4	0	0	0	1	12	20	0	2.95	-	-	-		
		Aberdeen			8.9	2.1	5.5	+0.7	12.8	27	-2.2	21	-	-	24	46	11	21	11	5	-	0	-	-	-	0	7	15	-	3.47	105	-	-		
		Houghall			13.2	4.3	8.7	+3.6	17.8	28	-2.8	3	-	-	30	70	9	22	13	7	1	1	1	2	0	1	8	17	-	0	4.05	127	-	-	
		Durham							17.2	28	-2.8	1																							
		Aldenhams School				(2.7)	(6.8)																												
		Fernhurst			10.6	2.7	6.7	-	19.4	28	-2.2	1	5.6	-	25	42	7	20	12	9	2	-	1	0	0	-	8	15	-	0	4.91	-	-	-	
		Coventry																																	
			Poulton-le-Fylde																																
			Rustington			9.7	3.2	6.5	-	16.1	28	-1.7	13	-	6.2	29	-	7	24	12	8	-	0	-	-	-	-	6	12	-	-	4.99	-	-	-
			Southsea			10.1	4.1	7.1	+0.1	15.0	28	-1.1	1	6.6	7.1	25	54	5	30	12	9	0	0	0	0	0	1	11	-	1	5.20	120	-	-	
		Penketh			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Bwlchgwyn			-	-1.3	-	-	-	-	-3.9	1	3.7	-	79	112	26	19	15	15	5	2	0	1	0	1	11	17	-	1	-	-	-		
		Trawsfynydd			(8.7)	(2.7)	(5.7)	-	21.1	28	-2.2	1	-	-	160	-	51	23	(16)	(13)	-	-	-	-	-	-	5	15	-	-	-	-	-		
		Slapton													36																				
		Penzance													65	82			13	11															
		St. Austell													65	72			13	11															
		Belfast, Malone													70		13	16	18	12															
		Birmingham K. E. S.													32	66	8	24																	
		Llwynon																	15	12															
		Shaftesbury															9		13	8															
		Ronaldsway																																	
		Exeter																																	

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1; 423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazennose Street, Manchester 2; 258-259 Broad Street, Birmingham 1; 109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

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

Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 137769 K.12 2/69. Gp. 1708 SBN 11 72 0636 9

Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 11

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



November 1968 — *Mainly cold until the 20th, then mild*

Weather was predominantly anticyclonic apart from a cyclonic interlude from the 22nd until the 29th.

The first two days of the month were mild and wet over most of England and Wales because of a complex low pressure area over southern England. In parts of Lincolnshire rainfall exceeded 40 mm in 24 hours. The rain area moved away south-eastwards as northerly winds, accompanied by showers, spread from Scotland to the remainder of the United Kingdom on the 3rd. The showers were of snow or hail in parts of northern England and temperatures in all districts fell well below the average.

An anticyclone drifted eastwards across the country on the 4th and became centred over Scandinavia on the 5th. These two days were mainly dry and sunny. A strong south-easterly airstream between the Scandinavian anticyclone and a depression to the west of Ireland became established over the British Isles on the 6th, and minor disturbances in this airstream brought rain to most of England and Wales on both the 6th and the 7th.

Weather from the 8th until the 19th was dominated by a ridge of high pressure which extended from Scandinavia towards Scotland; it was generally cloudy, cold and mostly dry with winds mainly between south and east. There were, however, minor variations within this general pattern. On the 9th winds became light and variable and overnight fog persisted over much of the Midlands throughout the day. On the 10th and 11th less cold weather spread northwards across the western half of the country, but the south-easterly airstream freshened on the 12th, and from then until the 16th, day temperatures became progressively lower in all districts. On the 17th a trough of low pressure brought rain to south-east England and this rain, accompanied by milder weather, spread slowly north-westwards to all districts during the next two days.

On the 20th a depression moving northwards to the west of the British Isles brought rain to most districts, and this marked the beginning of a mild unsettled period which lasted until almost the end of the month. The rain was confined mainly to western districts on the 20th and 21st, but winds freshened from the south-west on the 22nd, and troughs brought rain to all districts on the 23rd with temperatures rising well above normal. A fine sunny day on the 24th was followed by a cloudy day with outbreaks of rain, heavy at times, in the north. Further rain, associated with a depression approaching south-west England, spread northwards over the country on the 26th and 27th; this rain was heavy locally in the west, but mainly slight in the east. Winds were light and variable over much of England and Wales on the 28th and fog which formed overnight persisted in many Midland and eastern districts throughout the day. Freshening north-easterly winds early on the 29th brought rain southwards again over most of England and Wales and this rain continued in southern England during the last day of the month.

Pressure and Wind — Mean pressure was above the 1931-60 average over most of the country but below average in parts of the south and south-west. The deviation at 0900 GMT ranged from +9.5 mb at Lerwick to -2.9 mb at Scilly. Surface winds were mainly north-easterly at first and between south and east from the 4th until the 20th, after which they were predominantly south-westerly until the 26th and then east or north-east during the last four days of the month. Wind reached gale force on the 1st-3rd in northern districts and on the 14th and 15th in the south-west.

Temperature — Weather was cold in most districts until about the 20th mainly because of low day temperatures, but was mild both day and night during the last 10 days of the month. The coldest nights were around the 4th, 9th and 15th when frost was particularly severe in northern districts.

Extremes included (England and Wales) 18.3°C at Camden Square on the 1st, -6.7 at Llandrindod Wells on the 9th; (Scotland) 15.0°C at several places in the north on the 21st and 25th, -12.2°C at Grantown-on-Spey on the 18th; (Northern Ireland) 15.0°C at Ballykelly on the 21st, -7.2°C at Lislap Forest and Knockmany Forest on the 4th.

Rainfall — In England and Wales rainfall was above average in parts of north-east England and in the Severn Valley in Gloucestershire, but elsewhere it was below average. It was less than half the average in parts of north-east England, central Wales, Devon, Hampshire, Sussex, Kent and Essex. In Scotland rainfall was mainly below average, and was less than half the average north of an approximate line from Aberdeen to Skye. At Lerwick it was the driest November since records began there in 1901. In Northern Ireland rainfall was below average in the north and west but above average in the east and south-east; in parts of Co. Down it was more than twice the average. Apart from the first two days, most of the month's rain fell during the period 20th-27th.

Thunder was heard locally on the 1st and 2nd.

Snow showers were reported in northern districts on the 2nd and 3rd, and in southern and eastern England on the 16th and 17th.

Sunshine — Sunshine was mostly below the 1931-60 average but in some western districts it was above average. In Scotland percentages ranged from 38 at St. Andrews in the east to 164 at Stornoway in the west, where it was the sunniest November since records began there in 1880. In England and Wales, the corresponding percentages ranged from 27 at Sprowston to 128 at Ringway.

Fog — Fog at 0900 GMT was reported from one place or another on 7 days in Scotland and on 26 days in England and Wales. In Scotland fog was never widespread but in England and Wales it was fairly widespread on the 9th and 28th and persisted throughout each day in parts of the Midlands.

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

TABLE I—DISTRICT VALUES, NOVEMBER, 1968

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	-5.0	-0.5	-0.6	-0.5	-0.6	+0.5	-7	47	108
1 SCOTLAND, E.	13.9	-5.0	-0.8	+0.2	-0.3	+0.2	+0.3	-1	62	66
2 ENGLAND, N.E.	13.8	-1.7	-0.8	+0.6	-0.1	+0.7	+0.8	+2	144	57
3 ENGLAND, E.	16.7	-2.8	-0.7	+0.8	0.0	+1.0	+0.8	+1	71	51
4 MIDLANDS	15.0	-5.1	-0.9	+0.3	-0.3	+0.9	+0.9	-2	97	77
5 ENGLAND, S.E.	16.7	-5.0	-0.8	+0.5	-0.2	+0.3	+0.5	-4	47	82
6 SCOTLAND, W.	13.7	-6.6	-0.9	-0.1	-0.5	+0.1	+0.1	-8	69	96
7 ENGLAND, N.W. and N. Wales	13.9	-4.8	-0.8	-0.2	-0.5	+1.1	+0.7	-5	60	108
8 ENGLAND, S.W. and S. Wales	15.6	-6.7	-0.4	-0.3	-0.1	+1.1	+0.9	-3	73	77
N. IRELAND	15.0	-6.5	-0.3	-0.2	-0.3	-	-	-5	93	80
SCOTLAND	13.9	-6.6	-0.7	-0.2	-0.4	-	-	-5	61	90
ENG. and WALES	16.7	-6.7	-0.7	+0.3	-0.2	-	-	-2	77	75

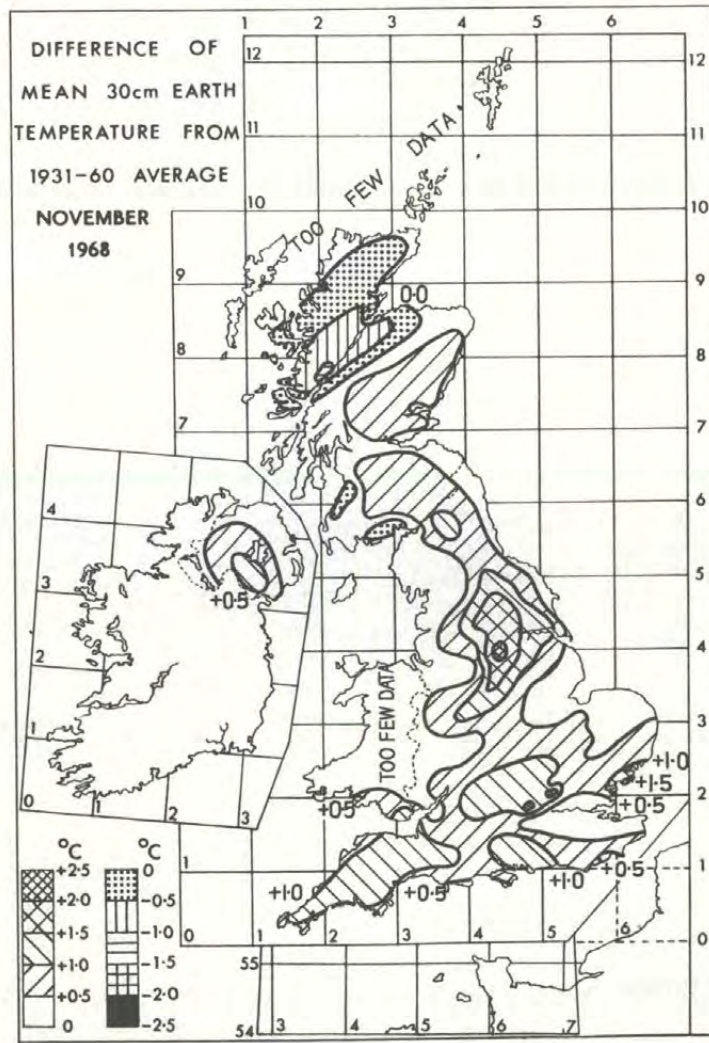
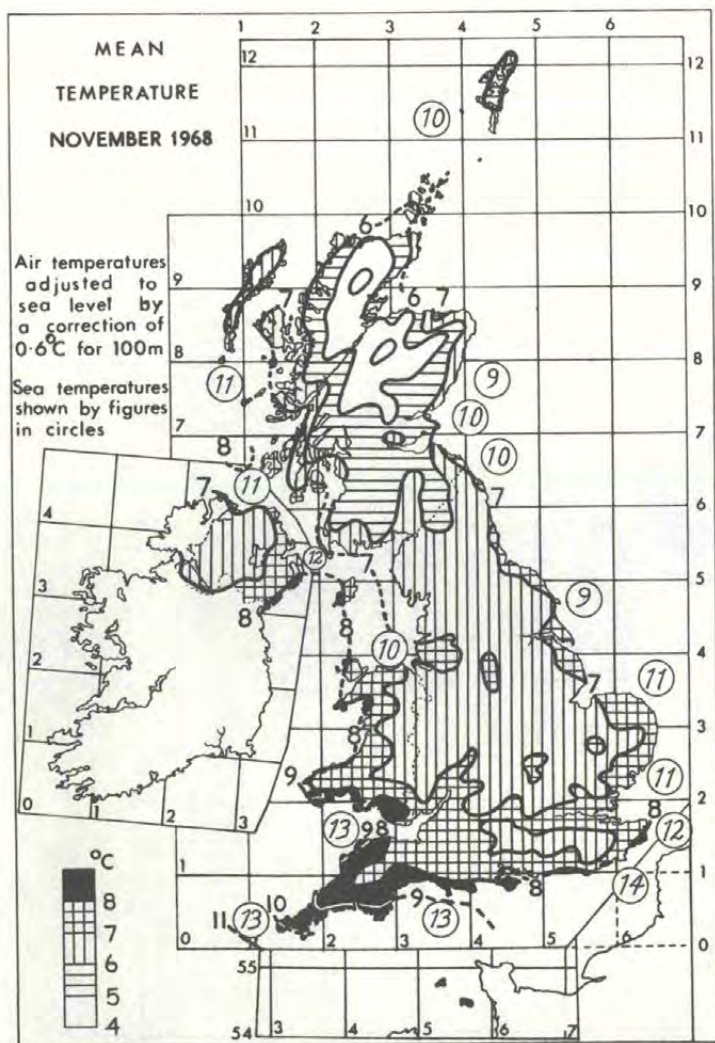
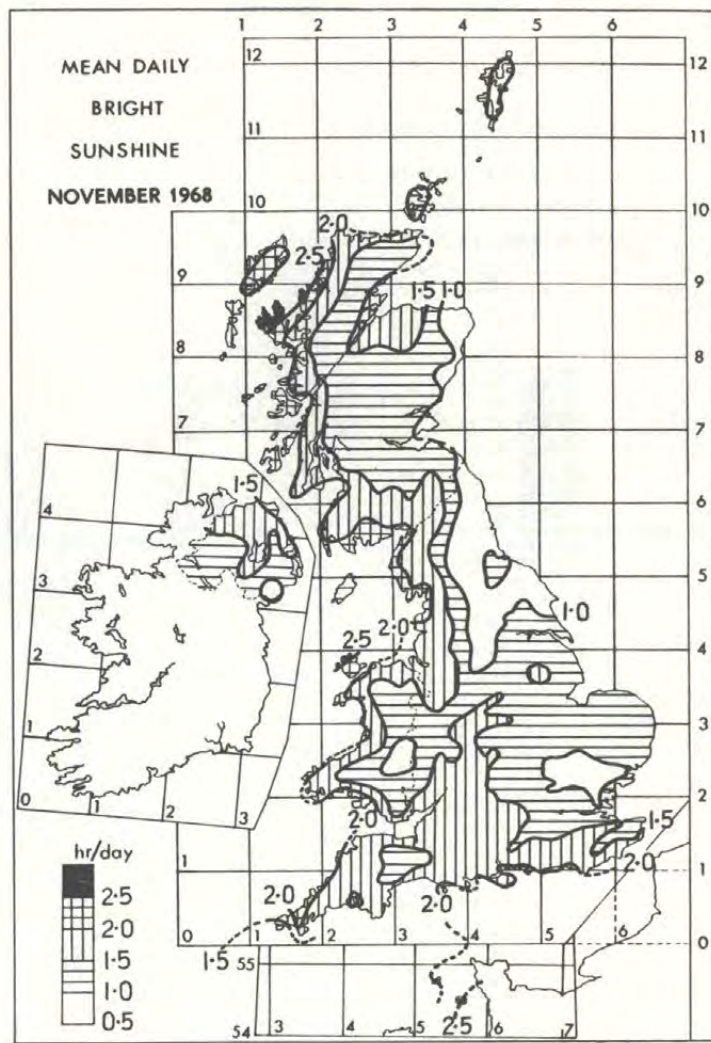
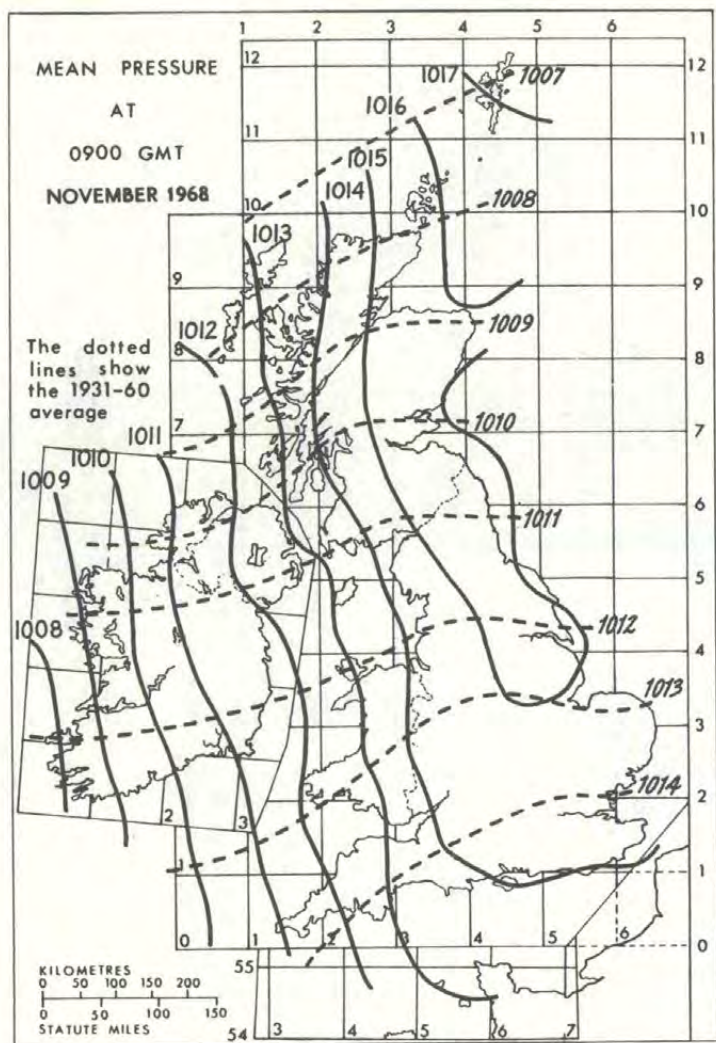
*Highest Max. and Lowest Min. of the District Value Stations.

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

FH.3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— NOVEMBER, 1968

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	No. of days	Duration in Hours	No. of days	Duration in Hours	No. of days	Duration in Hours		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
0	Zetland	Lerwick	93	10	10	1	7	13	153	311	161	88	0	14.2	030	39	1	03	030	56	1	0135						
	Orkney	Kirkwall	41	15	10	1, 12	9	13	146	358	173	34	0	15.7	050	43	1	06	040	57	1	0600						
	Caithness	Dounreay	34	12	9	15	1	12	95	349	205	70	0	13.3	140	34	15	12	140	46	15	1120						
		Wick	45	10	10	1	1	12	125	392	131	71	0	14.6	030	35	1	07	040	54	1	0425						
	Sutherland	Shin	24	10	10		0	2	7	131	218	341	23	5.1	230	26	25	22	230	50	26	0055						
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	1, 21, 23, 25, 26	16	18	158	390	117	39	0	16.6	040	42	1	08	040	64	1	0655						
		Duirinish	38	20	17	-	0	4	35	174	443	68	0	9.1	200	30	25	20	210	52	25	2135						
	Inverness	Benbecula	16	10	10	12, 25, 26	21	20	216	342	125	16	0	17.0	210	37	25	23	210	59	25	2255						
		Corpach	23	15	12	-	0	9	40	250	192	178	60	9.8	120	31	12	22	230	51	25	2130						
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	2	5	125	334	256	0	6.1	180	26	13	12	190	52	13	1145						
		Dalcross	21	10	10	-	0	5	19	201	221	273	6	7.2	030	26	1	07	030	44	1	0850						
		Cairngorm	1074	9	9	-																						
1	Moray	Kinloss	17	13	13	-	0	5	46	218	301	155	0	9.4	060	32	1	08	240	53	25	1535						
		Lossiemouth	31	24	18	-	0	5	36	218	326	140	0	9.3	230	27	26	07	240	50	25	1555						
	Aberdeen	Dyce	71	9	9	-	0	6	38	357	232	93	0	11.3	190	25	25	11	150	39	14	0350						
	Angus	Bell Rock	39	40	38	-																						
	Perth	Rannoch	307	17	17	-																						
		Tummel Bridge	161	16	16	-	0	0	0	71	384	263	2	5.1	250	17	25	24	250	45	25	2130						
	Fife	Leuchars	24	12	12	-	0	7	52	307	262	99	0	11.1	120	26	14	14	030	39	1	1105						
	West Lothian	Forth Road Bridge	72	-	72	13	1	13	132	292	215	76	4	13.4	100	35	13	12	100	49	13	1150						
	Midlothian	Turnhouse	42	12	10	-	0	5	22	262	283	153	0	9.3	040	25	1	13	260	51	25	1710						
6a	Argyll	Tiree	27	18	14	5-7, 10-14, 25, 26	67	24	325	224	80	24	0	22.1	100	39	7	05	200	56	25	2040						
	Dunbarton	Cumbernauld	166	10	10	-																						
	Renfrew	Paisley	57	25	9	-	0	1	5	261	272	182	0	8.3	190	24	25	14	190	50	25	1330						
		Abbotsinch	16	10	10	-	0	2	5	229	340	146	0	8.5	190	26	25	14	200	41	25	1335						
	Lanark	Lowther Hill	736	13	10	-																						
	Ayr	Hunterston	12	9	9	-	0	3	31	360	278	51	0	11.4	050	30	1	21	050	49	1	1150						
		Prestwick	21	10	10	-	0	5	23	302	278	117	0	9.9	060	28	1	18	070	44	1	1740						
	Dumfries	Chapelcross	94	15	15	-																						
		Eskdalemuir	259	10	10	-	0	4	30	208	348	134	0	9.0	220	28	25	14	040	50	2	0435						
	Wigtown	West Freugh	25	10	10	-	0	4	27	393	193	62	45	12.1	130	27	13	05	130	39	13	0430						
6b	Isle of Man	Ronaldsway	25	10	10	2	1	18	226	289	186	18	0	16.3	050	34	2	04	050	50	2	0320						
		Point of Ayre	20	10	10	1, 2, 13	21	20	243	333	119	4	0	18.8	050	41	2	02	050	61	2	0205						
2	Durham	Durham	119	16	10	-	0	1	2	100	345	273	0	5.7	260	29	25	16	260	45	25	1505						
		South Shields	22	17	13	-	0	9	111	247	278	84	0	12.1	030	32	2	04	360	44	3	0350						
	Yorks, N.R.	Leeming	42	10	10	-	0	1	5	160	411	144	0	7.6	030	24	2	07	020	36	2	0735						
		Middlesbrough	23	19	19	2	7	4	39	456	164	54	0	13.1	020	36	2	09	020	47	2	0730						
		Silpho Moor	207	15	9	-																						
	Yorks, E.R.	Leconfield	18	10	10	-	0	1	12	271	277	143	17	9.5	030	29	2	08	030	35	2	0805						
	Lincoln	Cranwell	76	12	12	-	0	0	0	258	354	108	0	8.6	110	21	14	13	020	38	2	0810						
		Binbrook	118	10	10	-	0	1	21	362	268	69	0	10.9	360	31	2	15	360	45	2	1505						
		Manby	26	10	10	-	0	3	31	368	254	67	0	11.0	350	30	2	15	350	42	2	1435						
3	Norfolk	Gorleston	16	13	13	14	1	13	181	289	164	85	0	14.7	110	34	14	10	350	47	3	0045						
	Suffolk	Mildenhall	30	25	18	-	0	0	0	172	393	155	0	7.3	100	19	14	23	100	38	14	2255						
	Bedford	Bedford	98	13	9	-	0	4	14	359	304	43	0	10.7	360	25	2	16	360	38	2	1555						
		Cardington	69	41	41	-	0	3	4	320	329	67	0	9.8	240	23	24	12	100	34	14	2340						
	Hertford	Garston	94	15	10	-	0	0	0	48	442	230	0	5.4	070	16	15	12	-	31	3	0900						
		Rothamsted	141	13	10	-	0	0	0	78	498	144	0	6.4	110	17	15	04	110	36	15	0140						
	Essex	Stansted	107	9	9	-	0	2	2	195	444	79	0	8.5	100	23	14	11	100	35	14	1055						
		Coryton	20	17	15	-	0	0	0	105	397	193	25	6.1	080	17	15	12	090	34	14	2045						
		Shoeburyness	36	32	28	-	0	12	111	379	197	33	0	14.2	090	33	14	20	090	40	14	1955						
4	Yorks, W.R.	Sheffield	162	25	11	-																						
		Church Fenton	18	10	10	-	0	2	10	168	427	115	0	8.0	010	25	2	07										



The equivalent values in inches
are given in round numbers.

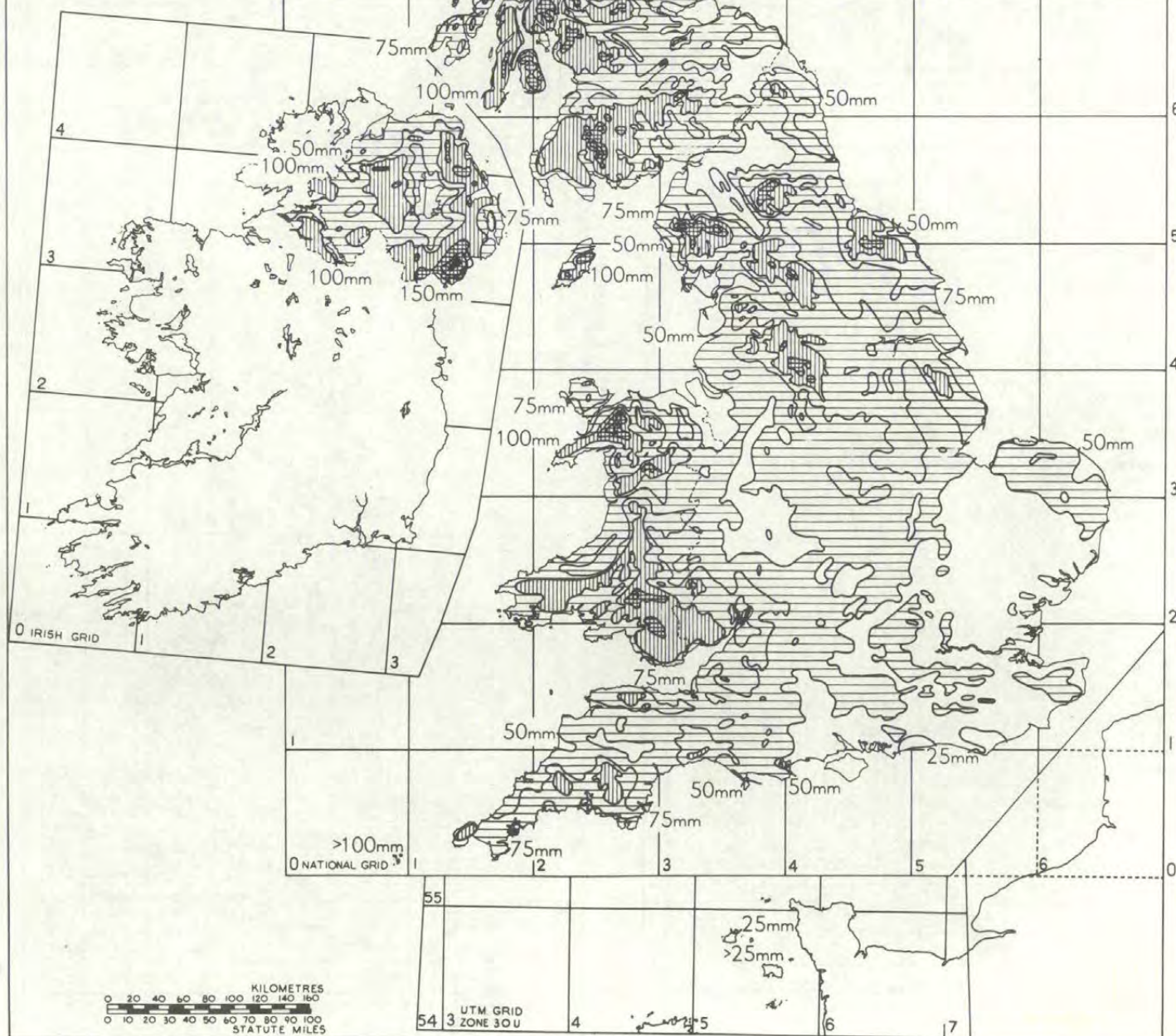


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1968

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Max. Min.	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 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date					Amount (mm.)	Date																
0 SCOTLAND, N.																																		
Zetland		99	21	8.0	4.7	6.3	-	11.1	25	0.6	5	-	-	48	-	12	21	17	9	4	0	2	2	1	0	0	-	5	1.02	-	-			
Lerwick		99	82	6.9	3.9	5.4	-0.5	10.7	21	-1.8	5	-	-	49	39	13	21	18	10	7	1	0	5	0	0	4	10	2	0.77	71	-			
Baltasound		99	24	7.3	3.1	5.2	-	10.0	21	-3.3	8	6.8	-	45	35	12	21	16	10	4	0	2	0	0	0	5	-	4	0.96	-	-			
Orkney		21-9	13	8.8	5.7	7.3	-	11.8	21	1.0	1	-	-	48	-	11	25	16	10	0	0	5	1	0	0	0	6	7	-	-	-			
Stenness		99	23	7.8	3.9	5.9	-	11.1	21	-0.6	17	6.7	8.5	66	58	16	24	21	15	1	0	0	2	0	0	1	13	6	1.43	-	-			
Kirkwall		21-9	26	7.7	4.5	6.1	-0.6	11.5	21	0.7	3.9	-	-	55	49	14	24	17	13	7	0	5	0	1	0	0	6	4	1.01	73	-			
Caithness		99	21	8.4	2.6	5.5	-	12.8	21	-3.3	19	-	-	27	-	5	22	16	11	0	0	0	0	0	2	6	9	1	2.24	-	-			
Dounreay		99	36	7.9	4.1	6.0	-0.4	11.8	21	-3.8	9	-	-	34	43	7	22	18	10	2	0	1	4	0	0	5	11	1	1.15	66	-			
Wick		99	112	-	4.7	-	-	-	-	0.0	1	-	-	28	21	5	22	15	10	4	0	2	0	0	0	0	5	-	3	1.92	S			
Sutherland		99	46	6.8	-0.4	3.2	-	12.8	25	-10.0	18	5.2	8.3	44	43	13	20	13	10	5	1	1	0	0	2	15	22	-	0	-	-			
Achany		99	37	7.5	1.6	4.5	-1.3	11.7	21	-5.6	18	-	-	43	37	6	2	18	14	3	0	0	1	0	0	7	-	0	1.50	119	S			
Strathly		99	137	6.7	0.1	3.4	-	11.1	21	-8.3	17	-	-	51	-	10	2	16	13	2	3	0	4	0	0	13	18	-	2	1.86	-			
Achentoul		99	3	9.1	4.8	6.9	0.0	13.1	12	-3.0	4	-	-	38	33	7	22	11	9	1	0	0	3	0	0	4	6	-	2	2.44	164	-		
Stornoway		21-9	8	9.7	3.6	6.7	-	14.4	21	-2.8	18	-	-	95	-	20	22	10	8	1	0	0	0	0	0	8	-	1	-	-	-			
Ross & Cromarty		99	6	9.1	3.2	6.1	-	15.0	21	-2.8	9	-	-	69	47	16	23	12	11	3	-	1	0	0	0	9	13	-	1	2.46	S			
Balmacara		99	16	8.7	4.7	6.7	-	14.0	12	-0.4	8	-	-	-	-	-	-	-	-	-	4	0	3	1	0	0	1	3	-	3	-	-		
Poolewe		21-9	14	8.8	2.7	5.7	-	15.0	25	-4.4	9	7.3	-	59	46	12	20	10	9	2	0	2	0	1	-	10	16	-	1	2.14	S			
Rudh Re		99	14	8.8	1.5	5.1	-0.5	14.4	12	-6.7	18	-	-	100	49	19	23	11	8	0	0	0	0	0	0	9	-	0	-	-	-			
Achnashellach		99	67	8.6	1.7	5.1	-0.5	14.4	12	-6.7	18	-	-	83	44	22	25	11	9	3	0	0	0	0	0	10	19	-	0	2.19	S			
Kinlochewe		99	23	8.7	1.1	4.9	-1.4	14.4	21,25	-7.2	18	6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Knockanrock		99	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Fortrose		99	5	8.1	3.1	5.6	-1.2	12.8	21,25	-1.7	18	-	-	33	58	10	20	12	8	1	0	0	0	0	0	3	-	-	2	1.89	111	-		
Tarbatness		21-9	18	7.6	3.9	5.7	-0.6	13.0	25	-6.0	17	-	-	30	60	11	20	11	6	4	0	0	1	0	0	5	-	4	-	-	-			
Inverness		21-9	6	9.0	4.9	6.9	-0.4	12.9	21	-1.0	4.9	-	-	51	39	14	20	11	8	2	0	1	4	0	0	3	10	-	5	1.61	-	-		
Benbecula		99	5	9.3	4.4	6.9	-	14.4	21	-2.8	9	7.3	10.2	150	54	47	20	13	9	0	0	1	2	0	0	3	12	-	3	-	-			
Isle of Rhum		99	67	8.4	3.1	5.7	-	13.3	21	-2.2	18	-	-	82	41	19	20	12	9	1	0	0	3	0	0	3	20	-	3	2.61	-	-		
Prabost		99	90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Duntulm		99	15	9.2	2.8	6.0	-0.4	14.4	21	-5.0	4.17	-	-	121	61	(48)	21	13	9	-	0	-	-	-	0	8	15	-	-	1.54	126	S		
Onich		99	8	9.1	2.2	5.7	-	15.0	25	-7.8	18	5.7	8.1	139	-	48	21	10	8	1	0	0	2	0	0	0	9	15	-	0	1.38	-		
Fort William		99	8	9.3	2.6	5.9	-	14.4	12,21	-5.6	17	-	-	114	-	37	25	9	9	0	0	0	0	0	2	9	17	-	0	-	-			
Corpach		99	21	8.2	1.9	5.1	-0.5	13.9	21	-6.7	18	-	-	72	-	12	23	13	10	0	0	0	0	0	2	9	-	0	1.55	-	S			
Fort Augustus		99	4	7.9	1.3	4.6	-	13.9	21	-5.6	18	-	-	33	57	7	20	9	9	1	0	0	0	0	1	11	14	-	1	1.74	-	-		
Inverness		99	762	3.2	-0.8	1.2	-	9.4	21	-6.1	5	-	-	(61)	-	-	-	-	-	-	12	14	0	0	0	2	17	-	1	-	-			
Coire Cas Shieling		99	1090	0.9	-2.8	-0.9	-	6.7	17,21	-8.3	9	-	-	84	-	-	-	-	-	-	17	18	-	-	-	-	-	-	-	-	S			
Cairngorm		99	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Achnagoichan		99	341	6.9	-0.3	3.3	-0.5	13.6	21	-9.8	18	-	-	37	38	7	2	13	8	-	6	-	-	-	0	16	18	-	-	1.72	-	S		
Glenmore Lodge		99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1 SCOTLAND, E.																																		
Nairn		99	6	7.8	1.1	4.5	-1.5	14.4	25	-8.9	18	-	-	38	67	9	20	12	7	1	0	0	2	0	0	11	15	-	4	1.98	112	-		
Moray		99	229	6.4	-2.2	2.1	-	12.8	25	-12.2	18	-	-	38	-	6	2,24	15	12	3	7	0	2	0	0	17	21	-	0	-	-	-		
Grantown-on-Spey		99	47	7.7	2.1	4.9	-0.9	13.9	21,25	-5.0	9.18	8.2	-	29	54	9	29	11	6	3	0	2	0	0	0	8	12	-	0	1.82	95	-		
Forres		99	5	8.0	2.2	5.1	-0.8	14.8	21	-7.4	18	6.0	-	27	49	7	20	11	6	3	0	0	3	0	0	10	13	-	2	1.79	-	-		
Kinloss		21-9	5	8.0	2.2	5.1	-0.8	14.8	21	-7.4	18	6.0	-	27	49	7	20	11	6	3	0	0	3	0	0	10	13	-	2	1.79	-	-		
Elgin		99	15	7.9	0.9	4.4	-	14.4	25	-8.9	18	-	-	25	41	5	20	10	6	2	0	0	0	0	0	9	13	-	1	1.84	-	S		
Lossiemouth		99	6	8.2	1.8	5.0	-0.8	13.9	21,25	-8.3	18	-	-	27	47	7	20	12	8	3	0	3	0	0	0	8	23	-	0	-	-	-		
Banff		99	32	8.2	2.7	5.5	-0.5	14.4	21,25	-3.9	9	-	-	26	36	6	27	12	7	1	0	3	0	0	-	7	-	-	0	1.84	109	-		
Gordon Castle		99	215	6.4	0.8	3.6	-	13.6	25	-9.7	18	-	-	36	-	8	2	14	9	6	6	1	0	0	0	13	20	-	0	1.83	-	S		
Glenlivet		21-9	24	8.5	-4.1	6.3	-	12.2	21	-1.7	17	-	-	33	-	7	21	17	10	1	0	0	1	0	0	3	-	-	2	0.95	-	-		
Banff		99	339	5.4	-0.1	2.7	-1.1	11.1	21,25	-11.1	5	-</																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1968

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		Daily Mean (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.	Concrete min. below °C.	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1968

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 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
6b ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER.

1968

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		Daily Mean (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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																						
4 MIDLAND COUNTIES																																		
Yorks.	Slaiburn	99	192	7.4	3.2	5.3	-	11.7	25	-3.9	4	-	79	49	17	26	14	12	0	0	0	0	0	5	8	-	0	1.24	-	-	-			
	W. Riding	395	5.7	2.3	4.0	-	10.0	25	-1.7	4	6.8	-	81	51	13	23	18	13	0	0	0	0	5	3	11	-	0	1.44	-	-	-			
Derby	Huddersfield	99	99	8.1	4.0	6.1	-	13.9	25	-1.7	5	7.7	10.1	104	125	26	1	17	12	-	0	0	-	-	-	-	-	0	0.75	60	-	-		
	" Oakes	21-9	235	6.7	3.6	5.1	-	12.4	26	-1.2	4	6.8	9.1	121	122	24	26	19	14	0	0	0	2	1	4	3	6	-	1	1.00	60	-	-	
	Bradford	99	134	7.7	3.9	5.8	-0.4	12.8	25	-1.7	9	8.1	10.6	84	94	20	1	17	12	0	0	0	0	0	3	3	7	-	0	-	-	S		
	Ilkley	99	96	8.2	3.8	6.0	-0.1	13.9	25	-2.2	5	-	-	86	89	25	1	13	12	0	0	0	0	0	7	3	-	-	0	0.87	53	-	-	
	Sheffield	99	131	8.0	4.2	6.1	-0.8	12.8	25	-1.1	5	8.1	11.0	87	106	28	1	19	14	0	0	0	0	0	-	1	3	-	0	0.99	70	-	-	
	Pontefract	99	78	7.9	3.9	5.9	-0.6	13.3	25	-1.7	5	-	-	82	139	28	1	17	12	0	0	0	0	0	4	2	5	-	0	-	-	-		
	Bramham	99	54	7.9	3.3	5.6	-	13.3	25	-1.7	5	-	-	79	137	21	1	18	10	0	0	0	0	0	4	5	8	-	0	0.91	-	-	-	
	Cawood	99	6	8.2	3.8	6.0	-	12.8	25	-1.1	5	8.3	10.3	85	141	28	1	15	13	0	0	0	0	0	1	3	11	-	0	1.00	-	-	-	
	Askham Bryan	99	34	7.7	4.1	5.9	-	12.2	25	-0.6	5	-	-	72	114	21	1	16	10	0	0	0	0	0	4	1	7	-	0	1.43	91	-	-	
	Buxton	99	307	6.4	3.0	4.7	-0.6	11.7	25	-2.2	5.9	6.4	8.8	72	57	13	1	16	13	0	0	0	0	0	9	4	6	-	0	1.01	98	-	-	
	Ashover	99	186	7.3	3.4	5.3	-	12.2	25	-3.3	5	-	-	79	-	24	1	19	12	1	0	0	0	0	4	4	9	-	0	1.47	-	-	-	
	Derby	99	48	8.7	4.2	6.5	-	13.9	1	-1.7	5, 9, 10	-	-	69	92	22	1	18	12	0	0	0	0	0	2	5	7	-	1	1.22	-	-	-	
Morley	99	107	7.9	3.7	5.8	-	12.8	25	-2.8	9	-	-	61	84	19	1	16	13	0	0	0	0	-	5	7	-	0	1.51	-	-	-			
Nottingham	Sutton Bonington	99	48	8.6	3.6	6.1	-0.3	14.4	1	-3.9	5	8.7	10.7	69	123	22	1	18	12	0	0	0	0	0	3	5	7	-	0	1.34	81	-	-	
	Watnall	21-9	118	8.2	3.9	6.1	-0.4	12.7	25	-1.7	9	-	-	64	94	19	1	16	12	0	0	0	0	0	3	4	6	-	0	1.39	82	-	-	
Leicester	Nottingham T.C.*	99	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Mansfield	99	110	7.8	3.1	5.5	-0.8	12.8	25	-2.8	5	6.8	-	76	105	24	1	16	12	0	0	0	0	0	11	6	7	-	0	-	-	-		
	Nottingham	99	59	8.9	4.6	6.7	-0.2	15.0	27	-2.2	9	7.4	10.1	63	109	21	1	16	12	0	0	0	0	0	3	3	5	-	0	1.36	92	-	-	
	Warsop	99	46	8.3	3.6	5.9	-	12.8	25	-1.1	6	-	-	75	124	30	1	17	11	0	0	0	0	0	5	5	14	-	0	1.41	-	-	-	
	Finningley	21-9	10	8.7	4.7	6.7	0.0	13.7	1	-1.8	5	-	-	79	-	27	1	15	12	0	0	0	0	0	4	2	6	-	0	1.12	-	-	-	
	Newtown Linford	99	119	7.8	3.5	5.7	-	13.3	1	-3.9	9	-	-	79	117	36	1	16	12	0	0	0	0	0	3	4	9	-	0	1.45	-	-	-	
	Caldecott	99	53	8.8	3.4	6.1	-	13.9	1	-4.4	5	-	-	53	92	22	1	11	10	0	0	0	-	-	3	7	8	-	0	1.18	-	-	-	
	Bugbrooke Mills	99	69	8.4	3.6	6.0	-	13.9	1	-3.3	5	8.2	10.6	56	93	28	1	14	11	-	0	0	-	-	4	6	-	0	1.20	-	-	-		
	Raunds	99	59	8.4	3.6	6.0	-0.3	13.3	1	-3.3	5	8.2	11.3	52	89	20	1	15	12	0	0	0	0	0	2	5	8	-	0	1.14	67	-	-	
	Wittering	99	65	8.3	4.4	6.3	-0.3	13.4	1	-2.6	10	-	-	61	107	29	1	14	9	0	0	0	0	0	3	2	6	-	0	1.27	-	-	-	
	Warwick	Birmingham K.E.S.**	99	137	8.5	3.8	6.1	-	15.0	1	-2.2	9	-	-	38	49	17	26	16	11	0	0	0	0	1	4	-	-	0	-	-	-	-	
		Edgbaston	21-9	163	8.0	4.5	6.3	-0.4	13.2	1	-1.5	9	8.3	10.3	51	63	19	26	16	10	0	0	0	0	0	2	2	6	-	0	1.58	99	-	-
Luddington		99	56	8.8	3.9	6.3	-	15.6	1	-3.9	9	-	-	51	-	15	26	13	10	0	0	0	0	3	4	8	-	0	1.61	-	-	-		
Stratford on Avon		99	49	9.1	3.5	6.3	-	16.1	1	-5.0	9	8.9	-	51	94	16	26	13	10	0	0	0	0	0	3	6	8	-	0	1.59	-	-	-	
Elmdon		21-9	97	8.2	3.9	6.1	-0.3	13.9	1	-5.4	5	-	-	53	78	18	26	15	10	2	0	0	0	0	3	6	7	-	0	1.42	-	-	-	
Shipston on Stour		99	111	8.3	3.6	5.9	-	14.4	1	-2.2	9	8.8	-	50	74	15	26	16	10	0	0	0	0	4	4	13	-	0	1.64	-	-	-		
Wellesbourne		99	47	(8.7)	(3.8)	(6.3)	-	14.4	1	-2.8	5.9	-	-	51	82	15	26	12	10	-	-	-	-	-	4	-	-	-	0	-	-	-	-	
Coventry		99	107	7.8	3.9	5.9	-	12.2	1,25	-1.7	10, 11	-	-	37	-	18	26	8	8	-	0	0	0	-	1	6	-	0	1.16	-	-	-	S	
Moreton Morrell		99	85	8.3	3.8	6.1	-	14.4	1	-3.9	9	-	-	56	91	16	26	17	10	0	0	0	0	0	3	4	8	-	0	1.65	-	-	-	S
Rugby		99	117	-	-	-	-	13.3	1	-2.2	4, 9, 10	7.4	10.2	61	94	25	1	16	9	0	0	0	0	0	1	5	6	-	0	-	-	-	-	
Brize Norton		21-9	84	8.5	4.2	6.3	-	13.9	1	-4.6	9	-	-	52	-	11	29	11	9	1	0	0	0	0	2	4	10	-	0	-	-	-	-	
Oxford		99	63	-	-	-	-	13.9	1	-2.2	9	8.1	10.7	55	83	18	1	15	10	0	0	0	0	0	3	3	8	-	0	1.60	78	-	-	-
Buckingham	Medmenham	99	30	9.2	2.8	6.0	-	13.9	1	-3.9	5.9	-	-	51	-	13	13	10	-	-	-	-	-	6	11	-	-	0	-	-	-	-		
	Grendon Underwood	99	67	8.8	3.6	6.2	-	13.9	1	-4.4	9	8.8	11.6	60	-	28	1	15	9	1	0	0	0	-	4	9	-	0	1.31	-	-	-	-	
Aylesbury	99	96	8.3	4.3	6.3	-	12.8	1,25, 26	-2.2	9	-	-	46	67	17	1	15	12	1	0	0	0	0	10	3	7	-	0	1.06	-	-	-		
Bletchley	99	86	8.7	4.6	6.7	-	13.3	1	-2.8	9	-	-	52	-	20	1	15	11	0	0	0	0	0	2	4	-	-	0	-	-	-	-		
Stafford	Keele	99	179	7.7	3.4	5.5	-	12.2	1,25	-2.8	4.9	7.4	10.3	58	74	24	1	15	10	0	0	0	0	0	3	4	9	-	0	0.16	-	-	-	
	Oaken	99	125	8.2	3.0	5.6	-	13.3	1	-3.9	9	8.2	-	49	-	15	26	18	14	-	-	-	-	7	11									

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS NOVEMBER, 1968

[illegible]

* Seed Trial Grounds

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

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1968

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						Total fall (mm.)	Percentage of 1910-50 average	Most in a Day Amount (mm.)	Date	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.	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure			
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date	30 cm.	122 cm.																						
					7a ENGLAND, N.W.—cont.																															
Lancashire —cont.	Garstang ...	9 9	21	(9.1)	(4.2)	(6.7)	-	13.3	25	-3.9	4	-	-	50	53	9	23	11	9	-	0	-	-	-	0	-	-	-	0	2	7	-	-	2.04	-	-
	Bailrigg ...	9 9	50	8.8	3.9	6.3	-	13.1	25	-2.5	4	-	-	58	-	11	26	12	10	-	0	-	-	-	0	3	10	-	-	-	-	-	2.10	-	-	
	Morecambe ...	9 9	7	8.7	5.2	6.9	-0.2	12.8	25	-0.6	4	-	-	53	54	17	23	11	9	0	0	0	0	0	0	1	-	-	0	-	-	2.16	121	-	-	
	Penketh ...	9 9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Preston ...	9 9	33	8.8	4.1	6.5	-	13.9	25	-4.4	9	-	-	67	68	15	26	13	10	0	0	0	0	0	0	2	6	7	-	0	-	-	-	-		
	Bolton ...	9 9	107	8.2	3.8	6.0	-	12.8	25	-3.3	9	7.8	-	95	-	18	26	12	11	-	0	-	-	-	0	5	12	-	-	-	1.39	-	-	-		
	Stonyhurst ¶	9 9	115	(8.1)	-	-	-	12.8	25	-	-	-	-	76	63	24	26	12	11	-	0	-	-	-	0	0	-	-	-	-	-	1.57	98	-	-	
	Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.37	-	-	
	Helmshore ...	9 9	260	6.9	3.4	5.1	-	11.1	25, 27	-1.7	9	7.3	-	101	62	22	26	13	12	-	0	-	-	-	-	3	3	12	-	-	-	1.48	-	-	-	
	Burnley ...	9 9	200	7.8	3.5	5.6	-	12.2	25	-3.9	4	7.8	9.6	84	-	19	26	19	12	0	0	0	0	0	0	0	5	9	-	1	-	-	-	-	-	
Cheshire	Nelson ... €	9 9	165	7.6	3.6	5.6	-	11.1	1	-2.8	4	7.3	9.9	81	69	18	26	14	12	-	0	-	-	-	-	0	4	7	-	-	-	1.37	-	-	-	
	Rochdale ...	9 9	110	8.7	3.8	6.3	-	13.3	25	-3.9	9	-	-	116	97	19	26	13	12	0	0	0	0	0	2	4	7	-	1	-	-	-	1.79	-	-	
	West Kirby Park	9 9	8	9.3	4.3	6.8	-	13.9	25	-3.3	9	-	-	31	-	12	26	11	6	-	0	-	-	-	-	4	8	-	-	-	-	1.80	100	-	-	
	Bidston ¶	9 9	60	8.4	4.8	6.6	-0.6	13.9	25	0.6	5, 10, 16	-	-	36	51	13	26	11	8	-	0	-	-	-	0	0	5	-	-	-	-	-	-	-		
	Ness Gardens ...	9 9	55	9.1	4.2	6.7	-	14.4	1, 25	-0.6	9, 16	-	-	41	-	15	26	13	6	0	-	0	0	0	-	2	9	-	0	-	-	-	-	-		
	Winnington ...	9 9	20	9.4	4.3	6.9	-	14.4	1, 25	-4.4	9	-	-	56	76	20	1	13	7	0	0	0	0	0	4	5	7	-	0	-	-	-	-	-		
	Knutsford ...	9 9	65	8.6	3.4	6.0	-	14.3	1	-4.8	9	7.6	10.7	71	88	26	1	16	9	-	0	-	-	-	-	6	12	-	-	-	-	-	-	-		
	Ringway ¶	21-9	76	8.6	4.6	6.6	-0.1	13.8	1	-4.8	9	-	-	53	69	11	1, 24	13	9	0	0	0	0	0	2	3	5	-	0	1.84	128	-	-	-		
	Macclesfield ...	9 9	152	8.1	3.8	5.9	-0.2	12.8	1	-3.3	9	-	-	49	56	13	1	17	11	1	0	0	0	0	0	2	4	-	0	-	-	-	-	-		
	7b NORTH WALES																																			
Flint	Rhyl ...	9 9	9	9.8	5.2	7.5	-0.4	14.4	25	-2.2	9	-	-	34	52	14	26	11	5	0	0	0	0	0	0	1	3	3	-	0	1.68	92	-	-		
	Prestatyn ...	9 9	4	9.8	4.9	7.3	-	15.0	25	0.0	9, 16, 17	-	-	27	39	11	26	9	6	0	0	0	0	0	0	5	-	-	0	1.65	97	-	-	-		
	Hawarden Bridge	9 9	5	9.1	4.2	6.6	-0.7	15.0	25	-2.8	5	-	-	50	71	15	26	16	6	0	0	0	0	0	0	1	6	-	-	0	-	-	-	-		
Anglesey	Valley ... ¶	21-9	10	10.1	5.8	7.9	-0.8	13.9	1	-1.0	9	-	-	67	74	15	27	15	12	0	0	0	0	0	0	4	8	-	1	2.37	122	-	-	-		
	Colwyn Bay ...	9 9	36	9.6	5.4	7.5	-0.8	13.9	1, 21, 27	-1.1	9	9.2	-	47	63	22	1	13	6	0	0	0	0	0	0	2	-	-	0	1.89	111	-	-	-		
	Alwen ...	9 9	335	7.2	2.1	4.7	-	12.2	1	-6.1	4, 9	-	-	101	77	31	1	18	14	-	-	-	-	-	-	6	8	-	-	-	-	-	-	-		
Denbigh	Ruthin ...	9 9	76	9.0	-	-	-	13.9	1, 25	-4.4	9	-	-	73	-	28	1	15	14	-	0	-	-	-	-	0	6	-	-	-	-	1.72	-	-	-	
	Loggerheads ...	9 9	210	8.1	-	-	-	13.3	1, 25	-5.6	9	7.0	9.3	-	17	1	-	-	0	-	0	0	0	2	5	8	-	0	(1.52)	-	-	-	-	-		
	Bwlchwyn ...	9 9	386	6.6	2.2	4.4	-	11.1	25	-3.3	4, 9	6.6	-	75	65	18	1	16	14	0	0	0	0	0	6	7	11	-	0	-	-	-	-	-		
	Wrexham €	9 9	84	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Bardsey Island ...	21-9	18	10.1	8.3	9.2	-	13.9	1	3.7	16	-	-	79	-	27	26	14	12	-	0	-	-	-	0	0	0	-	-	-	-	-	-	-	-	
Caernarvon	Botwnnog ...	9 9	34	9.9	5.3	7.6	-	14.4	1	-1.7	4, 9	9.2	11.7	93	-	25	26	16	15	0	0	0	0	0	0	3	9	-	0	(2.30)	-	-	-	-	-	
	Bryn Adda ...	9 9	84	5.2	-	-	-	14.4	1, 21	-1.7	9, 16	-	-	-	-	-	-	-	-	0	0	0	0	0	0	4	16	-	0	2.38	-	-	-	-	-	
	Aber ...	9 9	18	5.6	-	-	-	-	-	-1.1	4, 9	-	-	-	-	21	1	-	-	0	0	0	0	0	0	2	7	-	0	1.58	125	-	-	-	-	
Merioneth	Trawsfynydd ...	9 9	186	9.4	4.2	6.8	-	14.4	1	-2.8	9	-	-	90	-	25	26	15	13	-	0	-	-	-	0	4	14	-	-	-	-	-	-	-		
	Blaenau Ffestiniog	9 9	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Corwen ...	9 9	144	8.9	3.2	6.1	-	13.3	1, 25, 27	-6.1	9	-	-	64	56	21	1	15	11	0	0	0	0	0	-	6	10	-	0	-	-	-	-	-	-	
Montgomery	Ceiriws ...	9 9	61	9.4	3.6	6.5	-	13.9	1	-6.1	9	-	-	131	-	40	26	14	14	-	-	-	-	-	0	5	13	-	-	-	-	-	-	-	-	
	Lake Vyrnwy ...	9 9	303	7.1	2.9	5.0	-	11.7	25, 27	-3.9	9	7.4	-	106	60	25	26	17	15	0	0	1	0	0	1	6	7	-	0	-	-	-	-	-	-	
8a SOUTH WALES																																				
Cardigan	Aberporth ...	21-9	133	9.1	5.6	7.3	-0.8	13.1	27	-0.6	4	-	-	66	55	32	26	15	12	0	0	0	0	2	2	0	3	8	-	0	1.76	-	-	-	-	
	Aberystwyth	9 9	138	9.2	4.5	6.9	-0.7	13.9	28	-2.8	9	-	-	58	54	22	26	14	13	0	0	0	0	1	0	3	10	-	0	2.12	111	-	-	-	-	
	Ffrongoch ...	9 9	31	10.4	4.7	7.5	-	15.0	27	-5.0	9	-	-	54	53	22	26	14	13	0	0	0	0	0	0	4	12	-	0	1.91	-	-	-	-	-	
	Gogerddan ...	9 9	165	9.3	4.1	6.7	-	13.9	1, 27	-6.1	4	-	-	47	34	10	26	13	7	-	0	-	-	-	0	5	8	-	-	2.00	-	-	-	-	-	
	Swyddffynnon ...	9 9	61	9.9	-	-	-	14.4	27	-	-	10.1	-	45	35	17	26	11	9	-	0	-	-	-	0	7	11	-	-	2.00	-	-	-	-	-	
Pembroke	Llety-evan-hen ...	9 9	290	8.2	4.0	6.1	-	13.3	27	-2.8	15	-	-	55	38	18	26	15	12	0	0	0	0	1	0	5	10	-	3	2.10	127	-	-	-	-	
	Cwmystwyth ...	9 9	301	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Dale Fort ...	9 9	33	10.8	6.9	8.9	-	15.0	1	0.6	16	9.2	-	88	-	21	26	14	13	0	0	0	1	0	0	0	5	-	3	1.82	-	-	-	-	-	
	Milford Haven C.B.	21-9	37	10.2	6.7	8.5	-	14.5	1	-0.5	16	-	-	77	-	23	26	15	13	0	0	1	0	0	0	2	5	-	5	-	-	-	-	-	-	
	Brawdy ...	9 9	110	9.8	4.4	7.1	-	13.9	1	-4.4	16	-	-	101	74	32	26																			

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

NOVEMBER,

1968

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 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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure			
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum																					Date		
8b ENGLAND, S.W.—cont.																																		
Devon cont.	Plymouth, The Hoe	9 9	36	11.1	6.9	9.0	+0.2	15.0	1	0.6	4, 17, 18	10.8	12.7	73	64	16	25	15	12	0	0	0	0	2	0	8	-	2	2.03	91	-	-		
	Tavistock	9 9	139	10.4	5.4	7.9	+0.1	14.4	1	-1.1	4, 16	-	-	91	58	23	26	17	11	0	-	0	0	0	0	3	10	-	1	-	-	-		
	Chivenor	21-9	6	10.9	6.6	8.7	-0.4	16.3	1	-1.3	4	-	-	59	58	19	26	11	10	0	-	0	0	0	0	2	8	-	0	1.93	-	-		
	Ilfracombe	9 9	8	11.2	7.2	9.2	-0.2	15.0	1, 27	1.7	15, 16	10.3	12.8	79	72	28	26	12	9	0	0	0	0	0	0	0	6	-	0	1.53	81	-	-	
	Totnes	9 9	37	5.3	-	-	-	-	-	-3.3	4	10.2	12.6	74	51	15	22	13	9	0	0	0	0	0	0	3	7	-	0	1.46	-	-	-	
	Slapton	9 9	32	11.1	7.1	9.1	-	15.0	1	0.6	4	-	-	59	-	17	25	12	10	-	0	-	-	-	0	0	1	-	-	-	-	-		
	Newton Abbot	9 9	83	10.3	5.7	8.0	0.0	14.4	1	-0.6	4	-	-	71	58	16	30	16	10	0	0	0	0	0	0	2	3	-	0	1.65	73	-	-	
	Torbay (Torquay)	9 9	8	11.2	6.7	8.9	+0.1	15.0	1	0.6	4	-	12.4	63	58	20	30	11	10	0	0	0	0	0	0	0	2	-	2	1.66	69	-	-	
Cornwall	Teignmouth	9 9	6	11.5	6.9	9.2	+0.3	15.0	1, 25	1.1	9	-	-	50	51	15	30	12	11	0	0	0	0	0	0	0	-	-	2	1.71	73	-	-	
	Starcross	9 9	9	10.7	5.8	8.3	-	15.0	1	-0.6	4, 9	9.8	-	59	60	16	30	13	10	0	0	0	0	0	3	3	6	-	1	1.48	-	-	-	
	Exeter	21-9	32	10.2	5.9	8.1	-	15.1	1	-2.5	4	-	-	49	50	9	26	13	11	0	0	0	0	0	1	4	9	-	0	1.41	-	-	-	
	Sidmouth	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Scilly	21-9	48	12.2	9.3	10.7	+0.4	15.6	13	3.0	17	-	-	112	122	37	12	18	14	0	0	0	0	0	0	0	-	4	1.42	56	-	-	-	
	Penzance	9 9	19	12.3	7.4	9.9	+0.2	14.4	1, 25	-1.1	4	-	-	98	79	19	26	15	15	0	0	0	0	0	0	3	6	-	3	1.37	55	-	-	
	Gulval	9 9	15	11.9	7.4	9.7	+0.2	14.4	1, 2, 28	-0.6	17	-	-	95	80	17	26	17	15	-	0	-	-	-	-	1	5	-	-	1.14	48	-	-	
	Culdrose	9 9	82	11.4	6.7	9.1	-	14.3	1, 20	-1.0	17	-	-	81	75	16	19	15	12	0	0	0	0	0	0	3	5	-	1	1.96	-	-	-	
	Rosewarne	9 9	76	11.4	6.8	9.1	-	13.9	1, 21, 26	-2.8	17	10.1	11.9	93	81	21	26	18	15	0	0	1	0	1	0	1	5	-	2	1.97	-	-	-	
	Lizard	9 9	73	11.6	8.1	9.9	+0.2	14.6	1	0.8	17	-	-	72	73	11	19	16	14	0	0	0	0	0	-	0	-	2	1.82	-	-	-	-	
	Falmouth	9 9	51	11.7	6.7	9.2	0.0	13.9	1, 23, 26	-0.6	17	-	-	87	66	15	22	19	13	0	0	0	0	0	0	1	7	-	0	1.81	79	-	-	
	Newquay	9 9	54	11.3	6.1	8.7	-0.3	14.4	25	-1.7	17	-	-	58	58	15	26	14	12	0	-	0	0	0	-	3	-	-	0	2.19	94	-	-	-
	St. Mawgan	21-9	103	10.8	6.7	8.7	-	14.2	28	-1.3	17	-	-	62	56	14	26	14	13	0	0	0	1	0	0	2	5	-	0	2.05	-	-	-	-
	St. Austell	9 9	94	-	-	-	-	13.9	1	0.0	17	-	-	81	57	12	26	16	14	0	0	0	0	0	1	0	-	0	-	-	-	-	-	
	Fowey	9 9	40	11.6	6.3	8.9	-0.3	14.4	1, 2	-1.1	17	-	-	70	-	15	10	15	12	0	0	0	0	0	0	2	-	-	5	-	-	-	-	
Bude	9 9	15	11.1	5.9	8.5	-0.3	15.6	27	-2.2	4, 17	9.9	-	49	49	16	26	12	11	-	0	-	-	-	3	-	-	-	0	2.04	92	-	-		
Ellbridge	9 9	58	10.9	5.7	8.3	+0.2	14.4	28	-1.7	4	-	-	76	63	17	26	16	12	0	0	0	0	0	2	6	-	1	2.04	89	-	-	-		
9 NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	174	8.3	2.6	5.5	-	13.0	20, 21	-6.3	4	-	-	67	-	23	1	16	11	2	0	1	0	0	0	8	11	-	-	-	-	-	-	
	Ballykelly	21-9	2	9.4	4.5	6.9	-0.2	15.0	21	-5.0	4	8.0	10.8	53	59	20	1	14	8	2	0	0	0	0	0	6	8	-	0	1.79	88	-	-	
	Derrynoyd Forest	9 9	88	8.9	3.1	6.0	-	13.3	25	-5.0	4	-	-	130	-	33	1	17	14	1	0	1	0	0	1	6	11	-	-	-	-	-	-	
	Somerset Forest	9 9	43	9.2	3.2	6.2	-	13.5	25	-4.5	4	-	-	68	-	21	1	13	11	0	0	0	0	0	0	5	9	-	-	-	-	-	-	
	Garvagh Forest	9 9	91	8.7	2.8	5.7	-	12.8	20, 21, 25	-4.4	9	7.8	11.2	76	-	15	1	15	12	0	0	0	0	0	0	8	11	-	-	-	-	-	-	
	Moneydig	21-9	34	8.8	3.7	6.3	-0.2	13.5	25	-6.5	4	8.5	-	64	60	15	21	13	12	1	0	1	1	0	1	6	10	-	0	-	-	-	-	
Antrim	Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Ballymoney	9 9	55	9.3	3.5	6.4	-	13.3	20, 21	-3.9	4	-	-	-	-	33	1	16	12	0	-	0	0	0	0	6	-	-	-	-	-	-	-	
	Lisnaffillan	9 9	38	9.2	3.6	6.4	-	13.3	20, 21, 25	-6.7	4	-	-	109	-	33	1	16	12	0	0	0	0	0	1	5	7	-	-	-	-	-	-	
	Aldergrove	21-9	69	8.7	4.4	6.5	-0.1	13.4	25	-5.0	4	8.3	10.8	75	83	17	21	15	13	0	0	0	0	1	0	2	6	-	0	1.64	93	-	-	-
Down	Greenmount	9 9	32	9.4	4.2	6.8	-	13.9	25	-4.4	4	8.2	-	73	-	17	21	15	13	0	0	0	0	0	-	4	8	-	-	-	-	-	-	
	Altnahinch	9 9	226	7.4	3.3	5.3	-	12.2	20, 21	-2.2	4	-	-	131	-	51	1	16	13	3	4	1	0	0	0	4	10	-	9	1.62	-	-	-	-
	Parkmore Forest	9 9	235	7.6	3.4	5.5	-	12.8	21	-3.9	4	8.0	-	96	-	20	21	15	12	0	0	0	1	0	1	4	8	-	8	-	-	-	-	
	Black Mountain	21-9	295	7.1	3.7	5.4	-	11.8	25	-1.2	4	-	-	127	-	37	1	15	14	0	-	0	0	0	9	1	-	-	0	-	-	-	-	
	Lowtown	9 9	271	7.3	3.1	5.2	-	11.7	20, 21, 25	-1.7	4	7.4	-	171	-	84	1	17	12	1	0	0	0	0	2	3	9	-	-	-	-	-	-	
	Ballypatrick Forest	9 9	152	8.4	4.0	6.2	-	13.1	20, 21	-3.1	4	-	-	68	-	13	1	14	10	2	0	0	0	0	0	2	4	-	8	1.38	-	-	-	-
	Belfast, Malone **	9 9	35	9.5	4.7	7.1	-	13.9	25	-4.4	4	7.9	-	101	-	33	1	15	12	0	-	0	0	0	0	2	10	-	-	-	-	-	-	
	Newtownabbey	9 9	32	9.6	5.4	7.5	-	13.9	20, 21, 25	-2.2	4	8.5	-	99	-	35	1	15	11	1	0	1	0	0	0	2	7	-	0	1.47	-	-	-	-
	Woodburn, North	9 9	217	7.8	3.3	5.5	-	12.2	25	-3.9	4	-	-	139	115	55	1	15	12	2	0	1	0	1	4	4	8	-	-	-	-	-	-	
	Larne	9 9	43	9.3	5.0	7.1	-	13.9	25	-2.2	4	-	-	103	92	18	21	12	10	0	0	0	0	0	0	2	-	-	-	-	-	-	-	
	Kilroot	9 9	2																															

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER,

1968

[illegible]

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1968

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												
																									0 or less	1-4	5-10	11-16	17-24								
Number of Observations																																					
2 ENGLAND, N.E.																																					
Northumberland Acklington 46m.	3	1015.2	-	5.9	1.0	8.0	85	6.9	0	2	3	7	18	0	0	0	0	2	4	6	9	8	1	0	4	9	16	1	3	5	3	4	2	3			
	9	1015.3	+4.6	6.2	1.0	8.1	85	6.9	0	2	2	11	15	0	0	0	0	1	10	3	7	7	7	2	0	4	14	12	0	3	5	6	5	7			
	15	1015.2	-	7.4	1.2	8.6	83	6.7	0	2	2	16	10	0	0	0	1	0	2	2	2	7	8	2	1	4	9	16	0	6	4	5	6	5			
	21	1016.4	-	6.3	1.1	8.1	84	6.5	0	3	4	8	14	1	0	0	1	0	2	3	5	10	8	1	5	10	13	2	3	4	5	6	5	7			
	3	1015.2	-	7.2	0.9	8.8	86	6.8	1	2	2	8	16	1	0	0	1	0	0	2	4	12	11	0	3	7	13	6	1	4	4	5	4	8	0		
Tynemouth 40m.	9	1015.4	+4.2	7.1	0.9	8.8	86	6.9	0	1	5	7	16	1	0	1	0	0	2	3	8	9	7	0	1	12	13	3	1	3	4	7	4	9	0		
	15	1015.3	-	7.8	0.9	9.3	87	6.9	0	0	6	8	16	0	0	0	0	0	1	7	5	9	8	0	2	8	11	9	0	3	6	6	5	6	0		
	21	1016.3	-	7.7	1.1	9.0	85	6.6	0	1	6	8	14	1	0	0	0	1	0	3	7	13	6	0	1	8	14	5	2	3	6	4	7	2	3		
	3	1015.6	-	6.8	0.9	8.7	87	6.4	0	3	4	7	15	1	0	0	1	0	3	7	7	9	10	0	1	7	11	11	0	1	7	6	4	7	0		
	9	1015.8	-	6.9	1.0	8.6	86	6.8	0	1	7	4	18	0	0	0	0	1	5	6	9	5	4	1	5	13	11	0	1	5	8	4	10	0	0		
Seahouses 12m.	3	1015.1	-	7.8	1.2	8.9	83	6.5	0	3	2	14	11	0	0	0	0	2	1	8	7	6	6	2	4	10	14	0	2	7	5	0	11	0			
	9	1016.4	-	7.4	1.5	8.1	78	6.1	0	4	6	6	13	1	0	0	1	0	2	2	7	12	6	0	3	10	17	0	2	8	3	6	5	4	2		
	15	1014.7	-	5.9	1.0	8.1	86	7.1	0	1	1	13	13	2	0	1	1	0	6	5	2	9	6	0	0	6	20	4	6	5	2	3	6	2	1		
	21	1015.2	-	5.9	0.9	8.1	85	6.6	0	3	3	7	17	0	0	0	1	0	6	4	6	7	5	1	0	1	6	19	4	7	2	2	9	1	1		
	3	1014.9	-	7.7	1.4	8.4	79	6.5	0	1	5	14	9	1	0	1	0	0	3	5	4	7	7	3	0	0	8	20	2	7	2	5	5	2	2	1	
Yorks, N. Riding Leeming 33m.	9	1016.0	-	6.4	1.0	8.3	86	6.7	0	4	1	7	17	1	0	1	0	0	4	5	8	7	3	2	0	0	9	19	2	8	3	4	2	7	2	1	
	15	1014.3	-	6.9	1.0	8.5	85	6.5	0	2	7	5	15	1	0	1	0	0	0	10	16	3	0	1	6	11	11	1	2	3	6	6	7	3	0	2	
	21	1014.5	-	7.0	1.0	8.6	85	6.8	0	1	5	10	12	2	0	1	0	0	0	7	18	3	0	1	7	10	11	1	2	3	8	2	9	3	0	2	
	3	1014.4	-	7.7	1.1	9.0	84	6.6	0	2	3	15	9	1	0	1	0	0	1	7	16	5	0	2	6	7	15	0	2	4	9	6	4	3	1	1	
	9	1015.5	-	7.3	1.0	8.8	86	6.7	0	2	2	13	13	0	0	0	0	0	0	1	9	17	3	0	2	7	10	1	1	5	6	5	8	2	1	1	
Yorks, E. Riding Leconfield 9m.	3	1015.2	+3.2	6.4	0.9	8.4	86	6.7	0	1	6	8	13	2	0	2	1	0	1	4	12	9	1	0	1	12	12	5	4	4	3	6	2	2	2		
	9	1014.8	-	7.9	1.2	8.9	82	6.6	0	1	4	13	12	0	0	0	0	1	2	5	13	6	2	1	0	1	12	14	3	5	3	6	4	3	1	2	
	15	1015.9	-	6.7	0.9	8.6	87	6.6	1	3	2	8	15	1	0	1	0	1	2	4	10	7	5	0	0	0	10	16	4	4	3	6	4	2	2	2	
	21	1014.9	-	7.2	0.9	8.9	86	6.4	1	0	9	4	15	1	0	0	1	1	1	7	19	0	0	1	8	16	5	0	2	4	5	4	6	3	3	1	
	3	1015.3	+3.2	7.5	1.0	9.0	86	6.8	0	1	5	9	14	1	0	0	1	0	0	2	12	15	0	0	2	9	12	6	1	1	4	6	4	7	3	3	
Kilnsea 16m.	9	1015.0	-	8.1	1.0	9.3	85	6.4	0	1	6	13	9	1	0	0	1	0	0	2	15	12	0	0	2	7	14	5	2	5	6	3	6	3	1	2	
	15	1016.1	-	7.8	1.0	9.2	86	6.2	0	3	5	9	12	1	0	0	1	0	0	1	8	20	0	0	1	7	13	9	0	2	4	10	4	5	1	3	
	21	1014.4	-	5.6	0.5	8.6	92	6.3	2	2	4	7	15	0	0	0	2	0	3	6	5	10	4	0	0	13	17	0	6	3	6	2	6	5	0	2	
	3	1015.0	+2.2	5.6	0.5	8.5	91	6.4	0	5	1	8	16	0	0	0	1	0	3	5	9	8	4	0	0	11	19	0	6	1	6	2	8	4	0	3	
	9	1014.5	-	7.3	0.9	9.0	87	6.7	0	1	4	12	12	1	1	0	0	1	3	3	8	5	1	0	0	12	16	2	6	3	8	4	3	3	1	0	
Lincoln Waddington 69m.	15	1015.6	-	6.1	0.5	8.8	92	7.0	1	0	4	5	20	0	0	0	0	1	2	8	10	6	3	0	0	10	20	0	7	4	6	3	4	4	1	1	
	21	1014.6	-	5.7	0.6	8.5	91	6.3	1	3	3	9	11	3	0	2	1	1	6	10	7	2	0	0	2	14	14	0	5	5	5	1	6	5	1	2	
	3	1015.1	-	6.1	0.8	8.4	88	6.7	0	3	2	10	14	1	0	1	0	1	2	12	10	3	0	0	1	18	10	1	5	2	6	2	10	2	1	1	
	9	1014.6	-	7.3	1.1	8.8	85	6.5	0	2	4	14	10	0	0	0	0	1	2	2	10	12	3	0	2	15	11	2	7	2	6	5	5	1	2	0	
	15	1015.7	-	6.3	0.7	8.7	90	6.5	0	2	4	10	13	1	0	1	1	1	6	12	6	2	0	0	1	13	14	2	4	6	4	2	7	1	2	2	
Binbrook 109m.	21	1014.5	-	6.4	0.6	8.8	90	5.8	4	2	2	10	11	1	0	0	2	0	4	2	9	10	2	1	0	17	11	2	3	4	4	3	4	3	3		
	3	1015.1	+2.4	6.8	0.8	8.8	89	6.9	0	2	3	7	18	0	0	0	0	2	1	2	14	7	3	1	0	1	16	11	2	4	3	5	2	10	1	2	
	9	1014.7	-	7.9	1.0	9.2	85	6.7	0	1	4	16	9	0	0	0	0	2	1	2	11	4	8	2	1	0	14	14	1	8	2	5	6	3	3	2	0
	15	1015.7	-	6.8	0.6	9.0	90	6.4	1	4	3	5	17	0	0	0	0	3	0	5	12	8	1	1	0	0	16	12	2	2	6	5	2	5	3	1	4
	21	1015.7	-	6.8	0.6	9.0	90	6.4	1	4	3	5	17	0	0	0	0	3	0	5	12	8	1	1	0	0	16	12	2	2	6	5	2	5	3	1	4
3 ENGLAND, E.																																					
Norfolk West Raynham 80m.	3	1014.1	-	5.8	0.5	8.7	92	6.3	3	2	3	5	14	3	0	2	2	2	0	6	10	4	4	0	0	0	19	10	1	5	6	5	1	7	3	2	0
	9	1014.6	+2.7	6.2	0.6	8.8	91	6.6	0	2	3	11	13	1	0	1	0	2	2	4	12	5	4	0	0	2	16	11	1	5	3	6	1	10	3	0	0
	15	1014.2	-	7.5	0.8	9.2	88	6.6	0	2	5	9	14	0	0	0	0	0	2	5	11	6	5	1	0	4	14	10	2	5	2	8	3	5	1	2	0
	21	1015.2	-	6.5	0.7	8.9	90	6.6	0	2	2	8	17	1	0	0	1	1	2	7	7	7	5	0	0	1	16	11	2	5	2	9	2	4	4	0	2
	3	1014.1	-	6.3	0.7																																

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

NOVEMBER,

1968

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.	600-1000 m.	1000-3000 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	6,7	4,5	1,3									Calm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
22-33	11-21	1-10	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS NOVEMBER, 1968

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.	
																									3 or more	6, 7	4, 5	1-3	Calm									
																									SPRINT IN KNOTS													
																									24 or more	22-33	11-21	1-10	0									
Number of Observations																																						
7a ENGLAND, N.W.	Cumberland Carlisle	3	1014.7	-	5.3	1.0	7.7	85	5.8	2	4	3	9	12	0	0	0	0	0	0	13	13	4	0	0	0	9	17	4	0	7	7	6	2	1	2	1	
		9	1015.0	-	5.6	1.1	7.8	84	5.9	0	5	5	9	11	0	0	0	0	0	2	5	20	2	2	1	0	0	9	19	2	0	6	7	7	5	1	1	1
		15	1014.8	-	7.8	1.3	8.3	77	5.9	0	5	4	12	9	0	0	0	0	0	1	5	18	4	2	0	0	0	12	16	2	2	4	8	7	1	5	1	0
		21	1016.0	-	5.9	1.0	8.0	84	5.1	3	5	5	5	12	0	0	0	0	0	1	13	12	3	1	0	0	0	9	15	6	1	3	6	8	1	4	1	0
		3	-	-	0.4	0.0	6.3	99	6.9	4	0	0	2	0	24	12	13	0	0	0	2	1	2	0	2	12	11	5	0	2	10	7	2	4	4	1	0	
	Westmorland Great Dun Fell	9	-	-	0.6	0.1	6.4	98	7.4	1	0	2	2	5	20	3	17	0	1	0	0	3	1	5	0	5	11	11	2	1	2	8	9	1	7	2	0	0
		15	-	-	1.3	0.1	6.7	98	7.6	0	0	1	4	3	22	3	19	0	0	0	0	2	3	2	1	3	12	10	5	0	2	7	7	5	3	6	0	0
		21	-	-	0.8	0.1	6.4	98	7.5	1	0	1	2	1	25	8	17	0	0	0	0	0	0	5	0	4	11	13	2	0	1	9	8	2	6	3	1	0
		3	1013.7	-	6.1	0.9	8.4	87	5.9	1	5	2	11	11	0	0	0	0	2	7	13	5	3	0	0	0	11	16	3	3	4	7	8	3	2	0	0	
		9	1014.3	-	6.0	0.9	8.2	85	6.0	0	5	3	14	8	0	0	0	0	3	7	15	3	2	0	0	0	13	12	5	2	3	5	9	5	0	1	0	
Lancashire Speke	15	1013.9	-	8.3	1.4	8.9	80	6.1	1	4	0	17	8	0	0	0	0	2	7	13	5	2	1	0	0	0	14	13	3	4	1	7	10	2	0	3	0	
	21	1015.0	-	6.5	0.9	8.5	86	6.3	1	3	4	9	12	1	1	0	0	0	1	13	12	1	2	0	0	0	13	17	0	4	4	10	6	3	1	1	1	
	3	1013.7	-	5.7	0.9	8.0	85	5.7	4	2	3	9	12	0	0	0	0	2	2	13	8	3	2	0	0	0	10	17	3	1	5	8	2	10	0	0	1	
	9	1014.3	+1.9	5.7	1.1	7.9	83	6.5	0	3	1	15	10	1	0	1	0	1	0	9	13	6	0	0	0	0	13	13	4	2	5	6	3	9	0	1	0	
	15	1013.9	-	7.8	1.7	8.2	76	6.4	0	3	3	12	11	1	0	1	0	0	10	13	6	0	0	0	0	0	14	11	5	2	5	7	4	4	1	2	0	
21	1014.9	-	6.2	1.1	8.2	84	6.2	0	5	3	7	15	0	0	0	0	1	5	8	12	4	0	0	0	0	8	21	1	5	4	7	3	7	1	1	1		
7b NORTH WALES	Anglesey Valley	3	1012.2	-	7.2	0.8	9.1	87	5.6	1	5	6	5	13	0	0	0	0	1	0	12	13	3	1	0	7	13	7	3	1	4	11	2	7	1	1	0	
		9	1012.8	+1.1	7.5	1.0	9.1	85	5.6	0	6	4	12	8	0	0	0	0	0	2	6	13	6	3	0	5	16	8	1	0	4	12	3	6	2	2	0	
		15	1012.7	-	9.4	1.7	9.2	77	5.9	1	3	4	15	7	0	0	0	0	0	0	7	8	13	2	1	1	16	9	3	1	3	8	3	9	2	1	0	
		21	1013.5	-	7.2	1.0	8.9	85	6.0	3	0	6	10	11	0	0	0	0	1	0	12	10	6	1	0	6	12	10	2	2	2	15	2	3	3	1	0	
		3	1011.8	-	8.9	0.8	10.3	88	6.3	1	3	4	6	16	0	0	0	0	0	0	7	19	4	0	2	11	10	5	2	0	4	9	6	5	2	2	0	
	Caernarvon Bardsey Island	9	1012.4	-	8.9	0.8	10.3	88	6.3	1	2	5	10	12	0	0	0	0	0	0	4	12	13	1	1	15	8	6	0	1	2	10	9	4	2	2	0	
		15	1012.8	-	9.7	1.3	10.1	83	6.5	0	2	7	7	14	0	0	0	0	0	0	4	10	13	3	0	12	12	5	1	1	3	8	9	5	1	2	0	
		21	1012.8	-	9.2	1.2	10.0	85	6.3	2	1	6	4	17	0	0	0	0	0	0	5	14	11	0	0	12	12	5	1	0	5	11	6	2	4	1	0	
		8a SOUTH WALES	Cardigan Aberporth	3	1011.8	-	7.1	0.9	9.0	87	5.5	2	6	3	5	14	0	0	0	0	1	13	14	1	1	0	7	10	13	0	1	3	9	6	9	1	1	0
				9	1012.4	-0.2	7.2	0.9	9.0	85	6.1	1	4	2	15	8	0	0	0	0	2	9	14	3	2	0	7	15	8	0	1	2	10	7	9	0	1	0
15	1012.3			-	8.5	1.4	9.2	81	6.4	0	3	2	15	10	0	0	0	0	0	0	12	12	5	1	0	3	17	8	2	1	4	7	8	5	2	1	0	
21	1013.0			-	7.1	1.0	8.8	85	6.4	3	0	3	9	15	0	0	0	0	2	13	12	1	2	0	2	21	5	2	1	3	9	7	4	3	1	0		
3	1011.6			-	8.4	0.8	10.2	89	5.7	5	2	1	7	15	0	0	0	0	0	2	15	10	3	0	0	4	15	10	1	2	5	11	4	3	3	1	0	
Pembroke Milford Haven C.B.	9	1012.3	-	8.5	0.8	10.1	88	6.8	1	1	2	11	15	0	0	0	0	0	1	18	10	1	0	0	7	9	12	2	0	9	6	6	3	2	2	0		
	15	1012.1	-	9.9	1.3	10.3	83	6.4	1	1	5	9	14	0	0	0	0	0	1	17	10	2	0	0	6	14	9	1	2	4	8	10	2	1	2	0		
	21	1012.9	-	8.4	0.9	9.9	87	5.8	4	2	4	5	15	0	0	0	0	0	0	13	14	2	1	0	7	11	11	1	1	7	9	7	0	3	1	1		
	3	1012.1	-	7.9	0.9	9.5	87	6.1	3	1	4	5	17	0	0	0	0	2	11	12	4	1	2	6	16	6	0	4	5	15	1	3	1	1	0			
	9	1012.6	-	8.0	0.9	9.5	86	6.5	0	1	7	6	16	0	0	0	0	2	4	14	6	2	2	1	8	14	6	1	4	4	15	0	4	1	1	0		
Glamorgan Mumbles	15	1012.1	-	9.2	1.3	9.7	82	6.4	0	3	3	11	13	0	0	0	0	2	3	15	3	6	1	1	9	13	7	0	3	2	18	1	1	2	2	1		
	21	1013.1	-	8.5	1.0	9.7	86	5.8	4	0	6	3	17	0	0	0	0	1	17	8	3	1	1	9	16	4	0	4	3	17	0	2	2	1	1			
	3	1012.8	-	8.8	0.8	8.9	88	6.9	2	0	2	7	18	1	0	1	0	0	2	16	7	4	0	1	9	14	15	1	4	6	9	4	4	1	1	0		
	9	1013.5	-0.4	6.9	0.8	9.1	89	6.6	0	3	2	12	12	1	0	0	1	0	3	6	9	7	3	1	0	1	17	11	1	3	9	8	4	3	1	1	0	
	15	1012.7	-	8.6	1.3	9.4	82	6.4	0	4	2	10	14	0	0	0	0	5	12	9	1	3	0	0	1	20	9	1	1	6	13	5	0	1	3	0		
21	1013.9	-	7.2	0.8	9.2	89	6.7	2	2	3	3	20	1	1	0	0	0	4	18	6	1	0	0	0	17	12	1	1	6	14	4	0	2	2	0			
8b ENGLAND, S.W.	Somerset Yeovilton	3	1013.3	-	6.6	0.7	8.9	88	6.5	2	1	3	8	15	1	0	1	0	2	2	4	21	0	0	0	1	5	22	2	3	4	8	5	4	1	2	1	
		9	1013.8	-	7.1	0.8	9.1	87	6.6	1	1	4	8	16	0	0	1	0	0	1	6	21	1	0	0	0	12	15	3	5	4	8	5	2	1	1	1	
		15	1013.2	-	9.3	1.5	9.5	79	6.1	1	2	6	7	14	0	0	0	0	3	7	14	5	1	0	0	2	19	7	2	4	6	7	5	2	2	1	1	
		21	1014.2	-	7.2	1.0	9.0	86	6.4	2	0	5	8	15	0	0	0	0	4	3	21	2	0	0														

TABLE VIII—NUMBER OF DAYS IN NOVEMBER, 1968
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	23	1	0	0	0	0	0	0	0	0	4	14	12	0	0	Edgbaston	0	3	18	9	0	0	0	0	0	0	0	2	17	11	0	0
Stornoway	0	0	22	8	0	0	0	0	0	0	0	0	3	12	13	2	0	Kew	0	3	16	10	1	0	0	0	0	0	0	3	8	15	4	0
Craibstone	0	5	23	2	0	0	0	0	0	0	0	0	3	17	10	0	0	Hastings	0	2	18	9	1	0	0	0	0	0	0	1	8	17	4	0
Rothsay	0	2	21	7	0	0	0	0	0	0	0	0	2	14	14	0	0	Southampton	0	0	15	15	0	0	0	0	0	0	0	2	13	12	3	0
Abbotsinch	0	3	20	7	0	0	0	0	0	0	0	0	4	10	12	0	0	Stonyhurst	0	3	25	2	0	0	0	0	-	-	-	-	-	-	-	-
Eskdalemuir	0	9	19	2	0	0	0	0	0	0	0	2	6	15	7	0	0	Bidston	0	1	20	9	0	0	0	0	0	0	0	17	13	0	0	
Douglas	0	0	20	10	0	0	0	0	0	0	0	0	1	12	17	0	0	Valley	0	0	15	15	0	0	0	0	0	0	0	4	9	13	4	0
Acklington	0	0	25	5	0	0	0	0	0	0	0	0	1	19	10	0	0	Falmouth	0	0	7	23	0	0	0	0	0	0	0	1	8	18	3	0
Gorleston	0	1	19	9	1	0	0	0	0	0	0	0	1	4	22	3	0	Aldergrove	0	1	24	5	0	0	0	0	0	0	1	1	14	12	2	0
Cambridge	0	1	20	9	0	0	0	0	0	0	0	0	5	15	7	3	0	Armagh	0	0	22	8	0	0	0	0	0	0	4	14	12	0	0	

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, NOVEMBER, 1968

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	185	3	7	21	58.4	30	75	8	7	28	36.7	30	210	3	10	28	70.3	30
Eskdalemuir	174	4	9	7	64.5	29	94	24	7	7	48.8	29	198	4	13	7	78.6	29
Cambridge	192	4	8	7	67.5	29	103	3	8	7	47.9	29	208	4	11	7	79.2	29
London/ W Centre	196	4	21	29	78.6	30	86	11	21	29	51.4	30	-	-	-	-	-	-
Kew																		
Bracknell																		
Aberporth																		
Aldergrove																		

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 TEMPER- ATURES °C		RAINFALL (Terminal hour 9 GMT)				WEATHER Number of Days												BRIGHT SUNSHINE			
					MEANS OF		Daily Mean (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		Precip'n				Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
					Max. (A)	Min. (B)			Maximum	Date	Minimum	Date	Amount (mm.)	Date			0.2 mm. or more 1.0 mm. or more Snow or Sleet	Snow lying at 9hr.																
					30 cm.	122 cm.			Amount (mm.)	Date	0.2 mm. or more 1.0 mm. or more Snow or Sleet	Snow lying at 9hr.																						
1967	December	Aberdeen			6.5	1.0	3.7	-0.2	13.9	1	-7.8	20	-	-	57	72	8	21	17	14	9	12	0	0	0	0	12	23	-	0	1.92	145	5	
1968	February	Aberdeen			4.4	-1.6	1.4	-1.5	8.3	29	-6.7	21, 22	-	-	44	82	12	6	10	8	2	8	0	0	0	1	19	25	-	0	3.37	127	-	
	March	Shrewsbury													49																			
		Shrewsbury													77																			
		Sheffield																																
		Morley														32	67	9	24	12	12													
		Nottingham														16	43	4	22	10	7													
	April	Brize Norton			10.3	2.8	6.5	-	20.5	28	-3.0	3	-	-	15	-	5	24	11	6	4	0	3	2	0	0	6	16	-	0	-	-	-	
		Oaken			(1.6)	(5.6)																				7	20							
		Stone			9.6	2.1	5.9	-	18.9	28	-5.0	8	-	-	38	81	9	24	16	12	0	0	0	0	0	7	17	-	1	3.31	-	-		
		Lyonshall			9.7	2.6	6.1	+0.5	18.3	28	-2.8	1	-	-	59	103	18	23	13	10	-	-	-	-	-	6	19	-	-	-	-	-	-	
		Bromley			10.9	3.4	7.1	+0.6	21.1	28	-1.1	3	-	-	33	79	6	30	15	10	-	0	-	-	0	1	-	-	-	-	-	-	-	
		Aber			9.6	4.0	6.8	-0.3	17.8	28	-0.6	1	-	-	115	177	31	19	15	12	2	0	5	0	0	1	11	-	2	2.75	70	-	-	
		Ilfracombe			9.8	4.9	7.3	-0.3	19.4	28	-1.1	1	-	8.2	65	104	18	24	11	9	0	0	2	0	0	1	4	-	2	4.24	98	-	-	
		Duntulm			10.5	4.3	7.4	+0.4	16.1	26	-4.4	2	-	-	42	49	8	1	16	14	5	2	1	0	1	3	12	-	2	4.92	109	-	-	
		Glenlivet			11.2	0.9	6.1	-	19.0	26	-8.6	2	-	-	57	-	16	18	14	12	6	8	1	0	3	14	19	-	0	5.50	-	S	-	
		Aberdeen			9.8	2.3	6.1	-0.9	17.8	25	-6.1	2	-	-	65	116	23	18	15	10	7	5	0	0	0	2	10	14	-	0	5.34	111	-	-
		Lowther Hill			5.5	0.1	2.8	-	11.0	26	-8.0	2, 3, 7	-	-	-	-	-	-	-	-	-	-	-	-	14	11	-	-	-	-	4.35	-	-	-
		Lanark			11.6	2.7	7.1	-	17.2	26	-5.6	2	-	-	45	-	16	1	10	8	4	1	0	0	0	10	-	-	0	5.14	-	-	-	-
		Cromer			12.4		8.4	+0.1																										
		Coventry																																
		Stone																																
		Hampstead																																
		Bryn Adda																																
	Aber																																	
	Ceins																																	
	West Camel																																	
	Swanage																																	
	Newton Abbot																																	
	Ronaldsway																																	
	Shrewsbury																																	
	Clacton																																	
	Scilly																																	

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1
423 Oxford Street, London, W.1; 13a Castle Street, Edinburgh 2; Brazenose Street, Manchester 2; 258-259 Broad Street, Birmingham 1;
109 St. Mary Street, Cardiff CF1 1JW; 50 Fairfax Street, Bristol 1; 7-11 Linenhall Street, Belfast BT2 8AY; or through any bookseller.

Monthly Parts 2s. 9d. net. Annual Summary 4s. 6d. net. Annual Subscription £2 3s. 4d. (inc. postage, introduction, summary).
Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware, Dd. 137769 K.12 3/69 Gp. 1708 SBN 11 720637 7

Monthly Weather Report

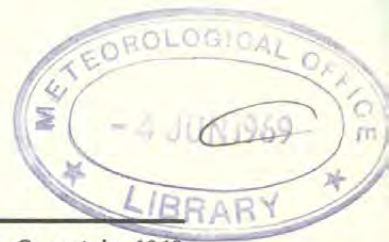
OF THE METEOROLOGICAL OFFICE

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

Volume 85 Number 12

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1968



December 1968 — Cold and dull. Snow around Christmas.

Weather was cyclonic in character on the 9th, 10th and 14th-22nd, otherwise weather was dominated by anticyclones centred over Europe during the first half of the month and to the west of Ireland during the second half.

A ridge of high pressure extending westwards to Scandinavia from an anticyclone over central Europe maintained a south-easterly airstream over the United Kingdom during the first 10 days of the month. Weather was generally dull with drizzle and fog but western districts also had periods of heavier and more continuous rain also associated with depressions off the west coast of Ireland. Temperatures were above average in western districts but below average in east and south-east England where there was widespread frost at night.

Pressure rose rapidly over the country on the 11th, and by the 12th high pressure extended from southern Scandinavia across most of England to the Azores. Winds became light and variable, and fog, which formed during the night, persisted throughout the day in many places. Air temperature fell progressively during the next day or two, and by the 14th frost was continuous throughout the day and night over much of England and Wales.

On the 15th a depression deepened rapidly off the south of Iceland and an associated trough moving slowly eastwards across the British Isles brought rain, heavy at times, to the whole country. The rain was preceded by snow in many northern districts and by the morning of the 16th much of Lancashire was under 5-7 cm of snow. Further disturbances moving eastwards across central and southern England brought heavy rain and widespread flooding on the 17th and 20th.

On the 22nd a vigorous depression moving north-eastwards across northern Scotland was accompanied by gales and periods of heavy rain. The depression was followed by a ridge of high pressure which gave a generally dry day on the 23rd, but on Christmas Eve a depression moved south-eastwards across Cornwall. In parts of southern England this depression brought heavy rain which turned to snow later that evening. On Christmas morning snow lay 10-15 cm deep at many places in southern England.

During the next two or three days pressure remained high to the west of the British Isles and winds generally were between north and north west. Snowfall was heavy in Norfolk, Lincolnshire, and the East Riding of Yorkshire where high winds caused deep snow-drifts which blocked many roads near the east coast. Whitby, which was cut off for several days by 6ft. snowdrifts, recorded a gust of 80 kt during a blizzard. There were patches of freezing fog in south-east England on the 30th and snow continued in eastern districts on the 31st.

Pressure and Wind — Mean pressure was mainly below the 1931-60 average in England and Wales, but above average in Scotland, the deviation at 0900 GMT ranging from +4.0 mb at Lerwick to -4.1 mb at Scilly. Surface winds were mainly between south and east until the 18th, mainly south-westerly from then until the 26th and north-westerly during the last 5 days of the month apart from light variable winds on the 9th, 10th and 14th-22nd. Wind reached gale force on 10 days in Scotland and on 19 days in England and Wales.

Temperature — Mean temperature was below the 1931-60 average over the month as a whole. In southern England, apart from fairly mild periods during the first few days and from about the 17th until the 24th, weather was cold generally. In northern districts, too, temperature was mainly below average, but above during the first week and again for a few days around the 21st. Frost was severe around mid-month and during the last week.

Extremes included: (England and Wales) 14.4°C at Bryn Adda and at Bude on the 2nd and at Aber on the 4th, -10.7°C at Great Dun Fell on the 28th; (Scotland) 13.9°C at Achnashellach on the 2nd and 3rd,

-11.1°C at Cairngorm on the 19th and 20th; (Northern Ireland) 12.9°C at Ballykelly on the 3rd, -6.7°C at Castle Archdale Forest on the 26th and 27th.

Rainfall — Rainfall was below the 1921-50 average over the whole of Scotland except in some eastern districts. It was less than half the average in most western districts of Scotland. In England and Wales rainfall was below the average generally but above the average in eastern districts from Norfolk to the Scottish border and over a large part of central and southern England. It was more than double the average in parts of the North Riding of Yorkshire and in Co. Durham. In Northern Ireland rainfall was above the average in the south-east of Co. Down, but below elsewhere.

Thunder was heard locally in England and Wales on 12 days, and was widespread on the 17th and 22nd. In Scotland thunder occurred on 7 days but was widespread only on the 19th.

Snow or sleet (rain or drizzle and snow) fell in many places during the third week, and was widespread and heavy, especially in eastern districts, during the last eight days. During the last week snow lay 15 cm deep in parts of Scotland and 20 cm deep in east and north-east England. Undrifting snow accumulated, during heavy snowstorms, to a depth of about 40 cm at High Mowthorpe, and about 50 cm at East Dereham.

Sunshine — It was a dull month generally with sunshine amounts less than the 1931-60 average in all districts except in north-west England and North Wales. Sunshine was less than half the average in many eastern districts, the deficit at Cambridge being as much as 23 hours. In Scotland, Craibstone had its dullest December since 1934. In contrast Aber (North Wales) and Glasgow recorded nearly 150 per cent of their average.

Fog — Fog at 0900 GMT was reported on 27 days in England and Wales, and on 12 days in Scotland. It was mostly localized in Scotland, but elsewhere it was widespread during the first week and again around mid-month.

Miscellaneous Phenomena — The aurora was visible in parts of northern Scotland on the nights of the 18th/19th and 25th/26th.

TABLE I—DISTRICT VALUES, DECEMBER, 1968

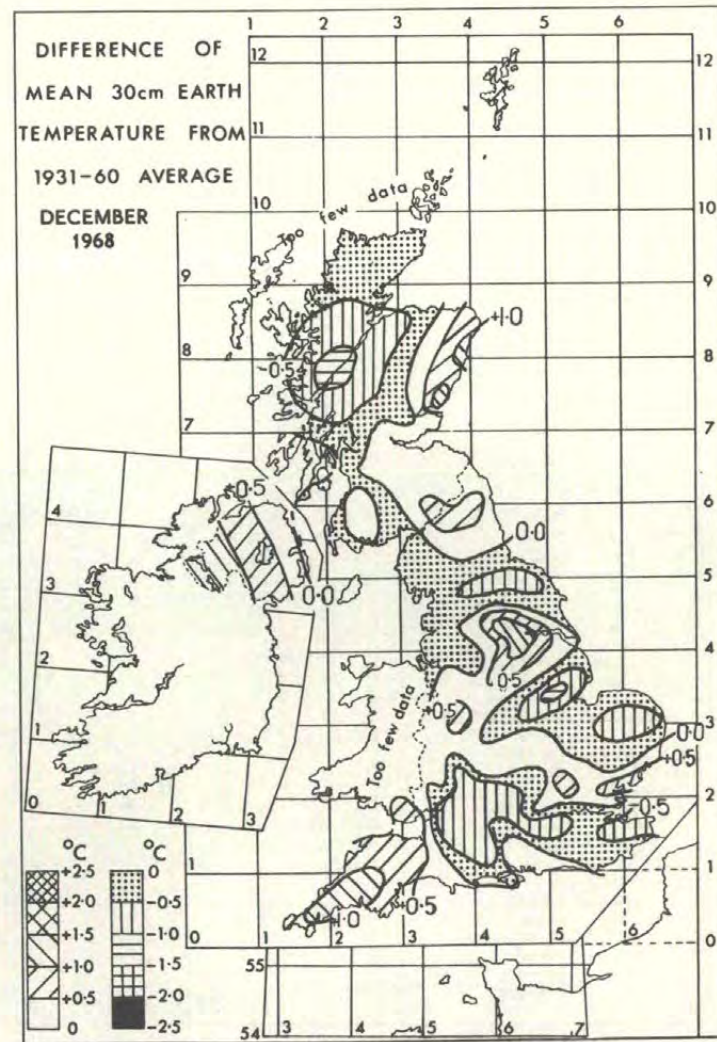
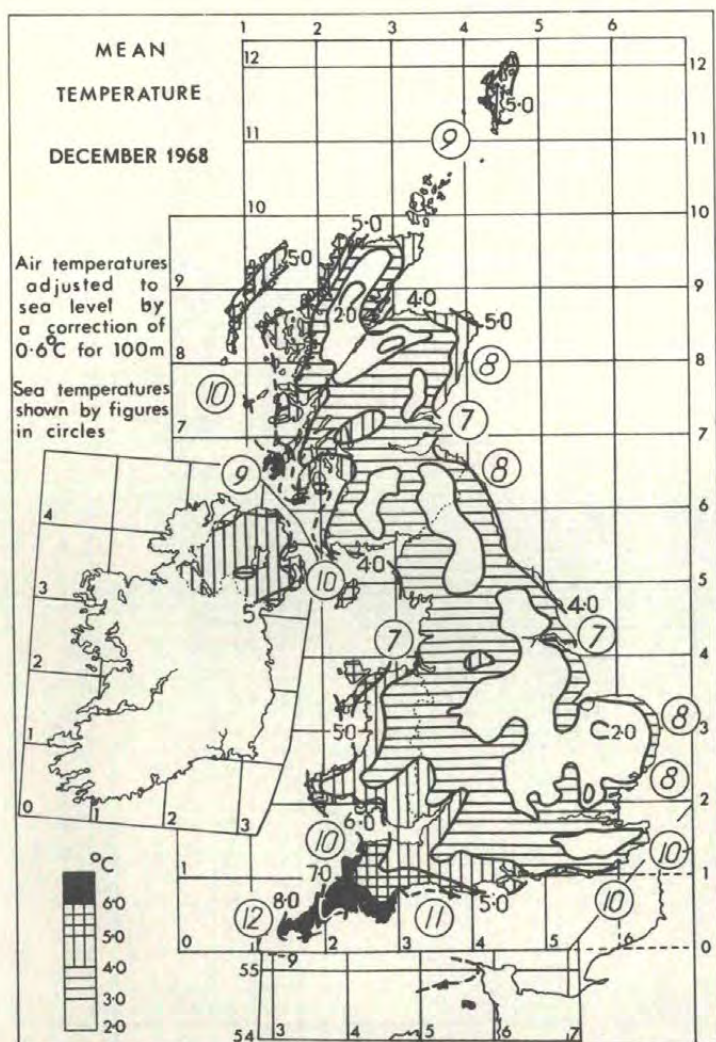
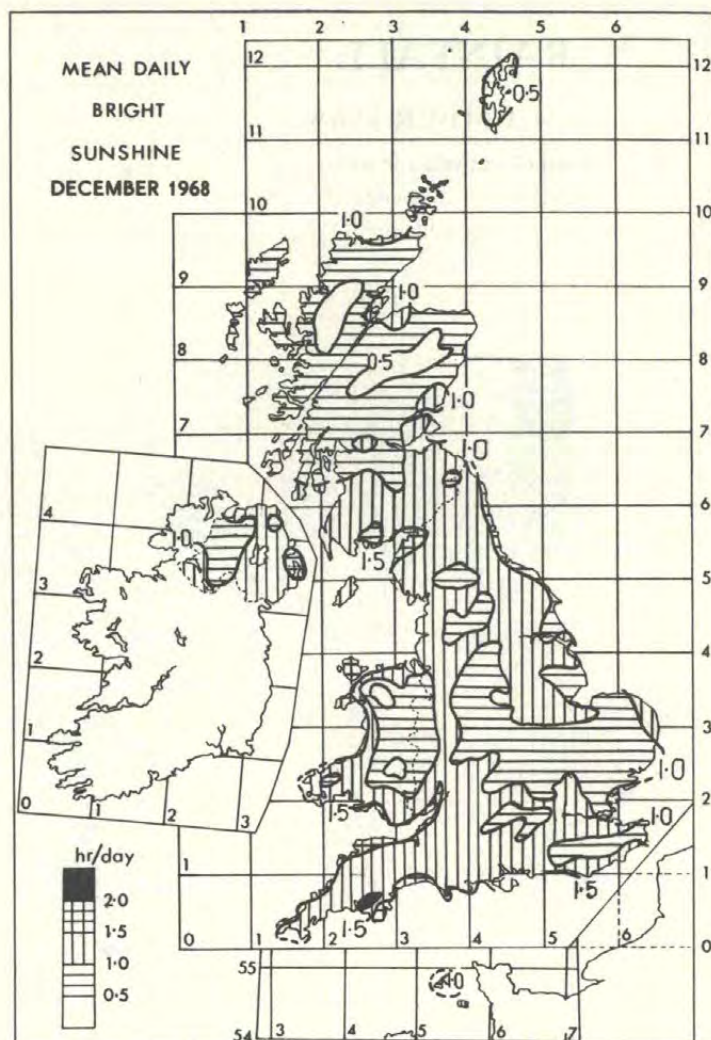
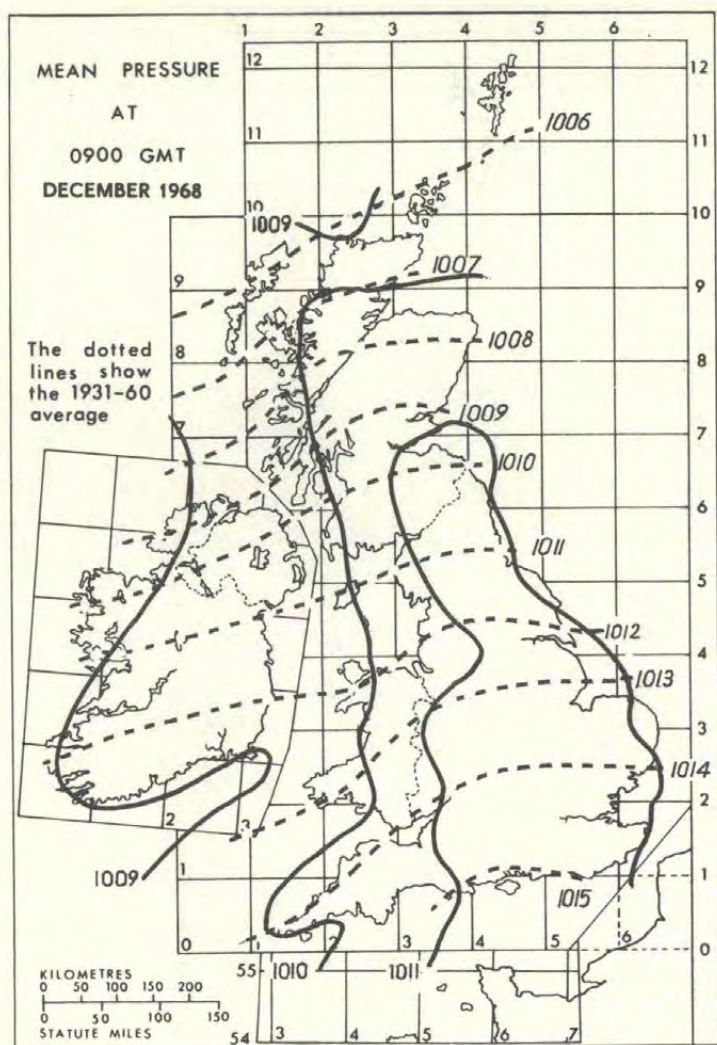
DISTRICTS	AIR TEMPERATURE °C					EARTH TEMP. °C		RAIN DAYS	RAIN- FALL	SUN- SHINE
	*Highest Max.	*Lowest Min.	Max.	Min.	Mean	Mean 30 cm.	Mean 122 cm.			
	Difference from Average									
0 SCOTLAND, N.	13.3	-6.7	-0.7	-0.7	-0.7	-0.7	+0.5	-3	64	84
1 SCOTLAND, E.	10.6	-3.9	-1.2	-0.6	-0.9	+0.1	+0.4	-1	86	75
2 ENGLAND, N.E.	10.0	-5.6	-1.8	-1.1	-1.5	0.0	+0.5	-1	109	77
3 ENGLAND, E.	11.1	-8.3	-2.3	-1.4	-1.8	0.0	+0.4	-4	84	65
4 MIDLANDS	11.5	-5.0	-2.3	-1.1	-1.6	+0.2	+0.7	-4	89	96
5 ENGLAND, S.E.	12.2	-8.9	-2.2	-1.5	-1.9	-0.7	+0.1	-6	97	76
6 SCOTLAND, W.	11.3	-7.7	-1.1	-0.9	-1.0	-0.1	+0.2	-7	57	96
7 ENGLAND, N.W. and N. Wales	13.0	-5.0	-1.8	-1.3	-1.4	+0.5	+0.7	-8	58	116
8 ENGLAND, S.W. and S. Wales	13.9	-6.1	-1.2	-0.9	-1.1	+0.8	+0.9	-4	94	80
N. IRELAND	12.9	-6.7	-0.8	-1.0	-0.9	-	-	-3	77	94
SCOTLAND	13.3	-7.7	-1.0	-0.7	-0.9	-	-	-4	63	85
ENG. and WALES	13.9	-8.9	-1.9	-1.2	-1.5	-	-	-4	89	85

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

FH3A

TABLE II—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND— DECEMBER, 1968

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	Year from N	Speed in knots		Hour ended at day hour	Year from N	Speed in knots	Day and Time			
0	Zetland	Lerwick	93	10	10	20, 21, 23	11	15	167	391	162	13	0	16.1	260	39	20	20	340	63	23	2045	
	Orkney	Kirkwall	41	15	10	18, 23, 27, 28	20	21	197	383	139	5	0	17.6	330	43	23	20	300	67	23	0710	
	Caithness	Dounreay	34	12	9	23, 27	18	19	123	385	191	25	2	15.4	320	40	23	07	320	56	23	0615	
		Wick	45	10	10	23	1	15	120	428	143	52	0	14.8	300	35	23	06	300	57	23	0510	
	Sutherland	Shin	24	10	10	-	0	1	2	112	300	317	13	5.1	190	25	12	23	170	50	12	2210	
	Ross & Cromarty	Stornoway (C'Guard)	37	12	11	12	6	16	100	360	166	112	0	13.2	160	37	12	19	160	49	12	1755	
		Duirinish	38	20	17	-	0	5	20	166	410	148	0	8.0	300	27	23	01	200	43	20	0200	
	Inverness	Benbecula	16	10	10	12, 22, 23	9	15	148	378	159	50	0	15.0	320	36	23	01	320	57	23	0045	
		Corpach	23	15	12	-	0	5	13	153	225	337	16	6.4	210	32	20	02	210	53	20	0200	
		Fort Augustus (N.S.H.E.B.)	58	16	16	-	0	0	0	74	252	418	0	3.9	210	16	12	22	140	41	15	1105	
		Dalcross	21	10	10	-	0	5	10	235	280	213	6	7.9	010	26	18	13	050	41	17	1715	
		Cairngorm	1074	9	9	3, 12, 15, 19, 20, 22, 23	29	21	194	333	124	58	6	17.1	-	49	22	14	-	62	22	1430	
1	Moray	Kinloss	17	13	13	23	2	10	73	256	306	107	0	10.8	280	34	23	04	280	54	23	0850	
		Lossiemouth	31	24	18	-	0	11	90	233	340	81	0	11.4	280	32	23	09	290	55	23	0840	
	Aberdeen	Dyce	71	9	9	-	0	9	44	361	260	79	0	11.4	160	31	22	05	170	50	22	0450	
	Angus	Bell Rock	39	40	38	15, 18, 20, 22	12	17	180	422	94	36	0	16.3	170	40	22	04	210	56	20	0225	
	Perth	Rannoch	307	17	17	-	0	0	0	34	446	264	0	4.5	290	18	23	06	290	42	23	0520	
		Tummel Bridge	161	16	16	-	0	6	13	260	334	137	0	8.4	190	30	20	02	100	40	16	1825	
	Fife	Leuchars	24	12	12	-	0	7	39	240	324	128	10	10.0	250	38	23	04	200	49	22	1906	
	West Lothian	Forth Road Bridge	72	-	72	23	3	7	39	240	324	128	10	10.0	250	38	23	04	200	49	22	1906	
	Midlothian	Turnhouse	42	12	10	-	0	4	13	134	407	190	0	6.8	250	29	22	24	180	49	19	2345	
6a	Argyll	Tiree	27	18	14	12, 15, 19, 21-23, 27	47	27	346	259	52	40	0	21.1	130	41	22	01	170	59	19	1820	
	Dumfries	Cumbernauld	166	10	10	-	0	3	13	228	369	63	71	9.3	220	24	22	20	180	33	12	2110	
	Renfrew	Paisley	57	25	9	-	0	1	3	149	327	265	0	6.1	180	27	22	16	200	51	22	1515	
		Abbotsinch	16	10	10	-	0	2	3	129	435	177	0	6.9	270	25	23	02	190	40	22	1540	
	Lanark	Lowther Hill	736	13	10	12, 21-23, 28, 29	34	20	137	422	134	17	0	16.9	290	52	23	03	300	77	23	0215	
	Ayr	Hunterston	12	9	9	-	0	4	25	287	354	78	0	10.5	280	28	23	04	280	43	23	0140	
		Prestwick	21	10	10	-	0	4	12	165	395	172	0	7.6	170	25	22	02	230	45	22	1525	
	Dumfries	Chapelcross	94	15	15	-	0	6	66	142	271	265	0	8.1	280	31	23	02	280	56	23	0200	
		Eskdalemuir	259	10	10	-	0	7	28	360	273	83	0	11.0	290	28	22	23	290	45	22	2330	
	Wigtown	West Freugh	25	10	10	-	0	3	15	106	401	171	63	0	13.8	280	35	22	22	270	52	22	2045
6b	Isle of Man	Ronaldsway	25	10	10	22	3	15	106	401	171	63	0	13.8	280	35	22	22	270	52	22	2045	
		Point of Ayre	20	10	10	22, 23	4	25	221	386	120	13	0	17.9	260	38	22	22	270	55	22	2125	
2	Durham	Durham	119	16	10	-	0	2	4	272	228	207	33	8.3	300	28	23	02	300	44	23	0105	
		South Shields	22	17	13	-	0	8	38	226	356	124	0	9.5	010	30	28	21	330	54	27	1345	
	Yorks, N.R.	Leeming	42	10	10	-	0	2	2	175	344	223	0	7.2	340	23	27	14	340	36	27	1455	
		Middlebrough	23	19	19	-	0	9	71	256	332	72	13	11.4	160	32	22	03	160	47	22	0235	
		Silpho Moor	207	15	9	-	0	1	1	161	424	158	0	7.1	230	22	22	23	230	37	22	2200	
	Yorks, E.R.	Leconfield	18	10	10	-	0	6	51	213	369	111	0	9.6	270	32	23	03	270	49	23	0300	
	Lincoln	Cranwell	76	12	12	-	0	5	18	258	387	81	0	9.4	160	25	15	13	160	37	15	1330	
		Binbrook	118	10	10	-	0	6	51	213	369	111	0	9.6	270	32	23	03	270	49	23	0300	
		Manby	26	10	10	-	0	5	18	258	387	81	0	9.4	160	25	15	13	160	37	15	1330	
3	Norfolk	Gorleston	16	13	13	15, 20	5	8	55	330	312	42	0	11.7	180	36	20	15	180	52	20	1230	
	Suffolk	Mildenhall	30	25	18	-	0	2	4	143	297	300	0	5.9	260	23	22	23	220	43	22	0500	
	Bedford	Bedford	98	13	9	-	0	3	19	183	424	118	0	8.6	260	27	22	23	250	46	22	2200	
		Cardington	69	41	41	-	0	3	17	192	403	132	0	8.5	230	31	22	20	220	46	22	1725	
	Hertford	Garston	94	15	10	-	0	0	0	64	336	344	0	4.9	250	21	22	22	240	38	22	2040	
		Rothamsted	141	13	10	-	0	0	0	57	499	188	0	5.6	250	19	22	21	240	42	22	1945	
	Essex	Stansted	107	9	9	-	0	1	1	161	424	158	0	7.1	230	22	22	23	230	37	22	2200	
		Coryton	20	17	15	-	0	3	8	84	334	268	55	0	12.5	170	40	20	13	170	52	20	1200
		Shoeburyness	36	32	28	15, 20	3	8	84	334	268	55	0	12.5	170	40	20	13	170	52	20	1200	
4	Yorks, W.R.	Sheffield	162	25	11	-	0	1	1	87	318	338	0	4.9	260	23	23	01	300	63	23	0040	
		Church Fenton	18	10	10	-	0	4	13	161	377	193	0	7.5	260	26	23	03	260	46	23	0320	
	Warwick	Edgbaston	196	36	22	-	0	1	2	124	530	88	0	6.6	250	22	22	22	260	37	22	2210	
		Elmdon	105	9	9	-	0	3	15	159	610	60	0	8.5	270	30	22	22	270	49	22	2125	
	Buckingham	Amersham	152	15	15	-	0	0	0	108	425	211	0	6.2	280	17	22	24	220	39	22	1635	
	Stafford	Keele	215	15	10	-	0	4	17	96	379	193	59	7.0	260	27	22	20	260	46	22	1935	
5	Greater London	London/W. Centre	93																				



RAINFALL

DECEMBER 1968

The equivalent values in inches
are given in round numbers.

The exact relation is 10 in. = 254 mm.

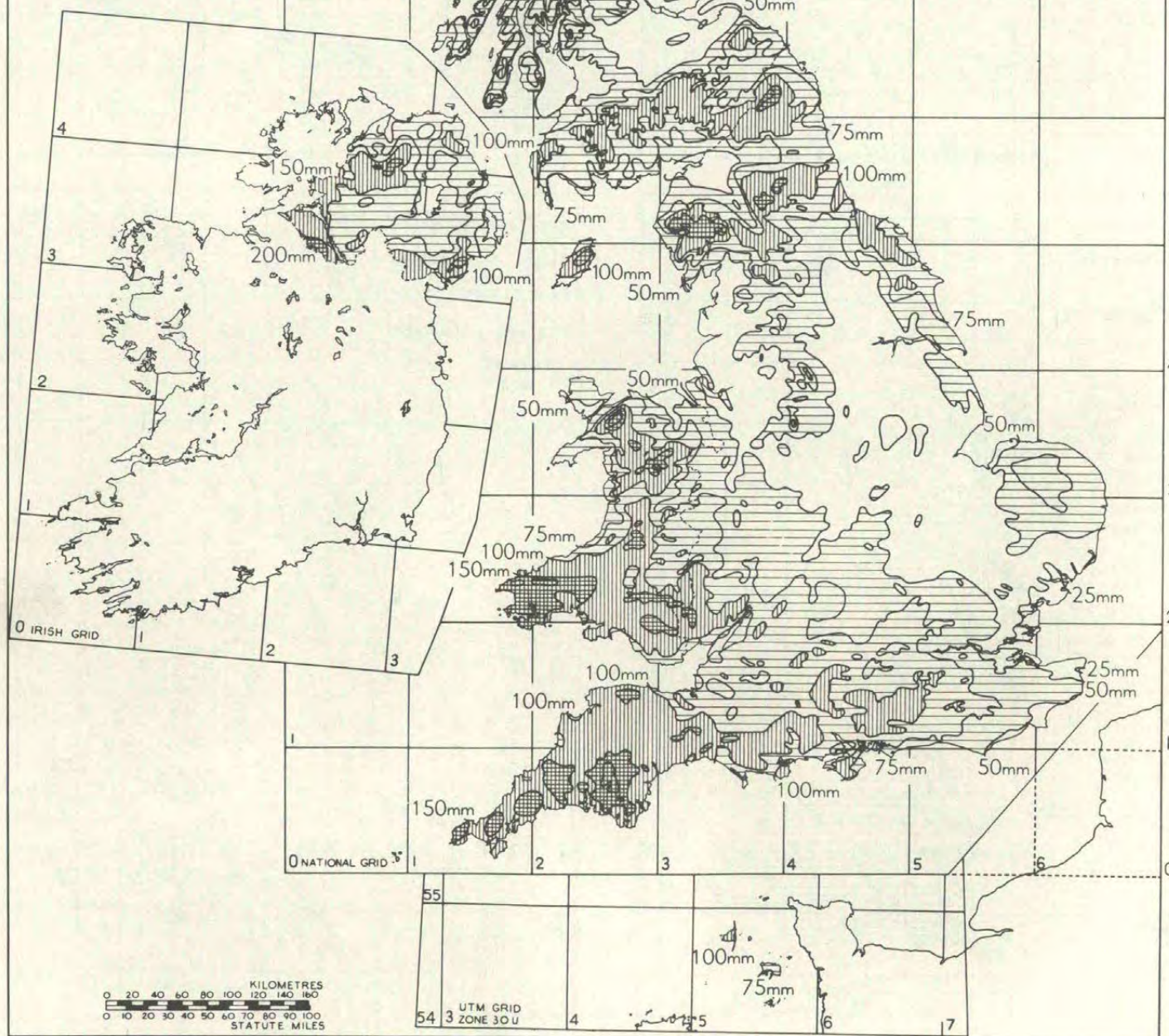
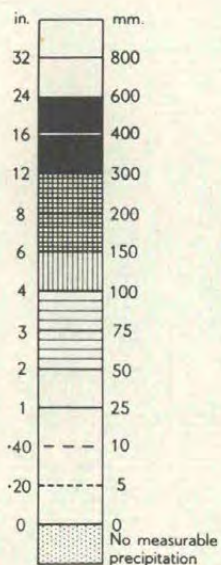


TABLE III

—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1968

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 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.	Concrete min. below 0°C.	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure	
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-60 average	Maximum	Date	Minimum	Date																						
0 SCOTLAND, N.																																		
Zetland	Hannavae	99	21	7.0	3.4	5.2	-	9.4	2,4,5	-3.9	19	-	-	80	-	12	15	23	13	11	5	6	2	0	0	5	-	-	6	0.26	-	-		
	Lerwick	21-9	82	5.4	2.3	3.9	-0.5	8.9	3	-5.4	19	-	-	91	71	14	28	19	15	14	6	2	8	0	1	10	14	13	4	0.25	56	-		
	Baltasound	99	24	6.5	2.3	4.4	-	9.4	3,31	-4.4	19	6.1	-	108	85	12	22	25	17	11	5	2	3	0	0	8	-	6	0.26	-	S			
Orkney	Sule Skerry	21-9	13	7.4	4.2	5.8	-	10.5	3,12	-2.4	19	-	-	63	-	16	21	20	14	8	0	1	0	0	0	5	9	20	5	-	-	-		
	Stenness	99	23	6.2	1.9	4.1	-	8.9	1,3,4	-2.8	19,28	4.9	7.1	62	55	9	21	23	16	4	0	4	0	0	0	5	19	2	0.79	-	-	-		
	Kirkwall	21-9	26	6.0	2.9	4.5	-0.6	9.5	4	-3.0	19	-	-	70	61	10	17	21	15	15	3	13	2	0	0	6	10	8	7	0.62	75	-		
Caithness	Dounreay	99	21	7.1	0.9	4.0	-	10.0	2,3	-3.3	20	-	-	58	-	13	27	20	14	7	1	2	0	0	5	9	19	3	1.06	-	-	-		
	Wick	21-9	36	5.9	3.1	4.5	-0.1	9.6	3	-3.8	19	-	-	56	74	11	17	18	13	10	5	0	10	0	1	8	14	11	1	0.77	71	-		
	Cape Wrath	21-9	112	6.8	3.1	4.9	-0.8	12.3	5	-4.5	20	-	-	45	36	7	28	19	12	8	3	6	0	0	0	7	17	8	6	0.75	-	S		
Sutherland	Achfary	99	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Achany	99	85	4.7	-2.0	1.3	-	10.0	3	-6.7	25	2.9	6.1	48	45	7	5	17	13	10	9	2	0	0	1	22	28	-	0	-	-	-		
	Strathay	99	37	5.7	0.3	3.0	-1.0	10.0	3	-3.9	16	-	-	41	37	9	5	18	15	10	2	2	2	1	0	16	-	0	0.81	113	S			
Ross & Cromarty	Achentoul	99	137	4.7	-0.9	1.9	-	8.9	2,3	-5.6	16,25	-	-	63	-	11	17	18	11	13	7	0	1	0	0	16	27	-	1	0.74	-	-	-	
	Stornoway	21-9	3	6.8	3.1	4.9	-0.6	11.5	3	-3.1	25	-	-	73	71	18	19	22	13	10	1	0	7	0	0	8	14	11	3	0.73	86	-	-	
	Balmacara	99	4	7.7	1.9	4.8	-	12.8	5	-2.2	25,26,28	-	-	57	-	11	12	17	14	5	6	0	0	0	0	11	-	0	-	-	-	-	-	
Inverness	Poolewe	99	6	7.4	2.5	4.9	-	(13.3)	3	-1.7	19	-	-	76	48	10	28	19	16	3	-	2	1	0	0	5	17	-	0	0.64	-	S		
	Rudh Re	21-9	16	7.4	3.5	5.5	-	11.9	3	-0.8	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	Inverpoll	99	14	7.2	1.3	4.3	-	13.3	3,12	-2.8	19,25,26	5.7	-	62	46	13	28	19	17	5	7	3	2	0	-	10	22	-	1	0.91	-	S		
Achnashellach	Achnashellach	99	67	6.3	-0.6	2.9	-1.2	13.9	2,3	-5.0	28	-	-	82	37	10	19	20	16	7	6	1	0	0	0	18	-	0	-	-	-	-	-	
	Kinlochewe	99	23	6.6	-0.6	3.0	-1.6	12.8	3	-5.0	25	4.6	-	78	37	14	19	19	17	6	6	0	2	0	0	16	23	-	0	0.55	-	S		
	Knockanrock	99	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Fortrose	Fortrose	99	5	6.3	1.7	4.0	-1.2	11.1	3	-1.7	19,26,28	-	-	36	70	9	17	13	8	6	3	0	0	0	2	7	-	0	1.13	99	-	-	-	
	Tarbatness	21-9	18	5.7	2.7	4.2	-0.2	10.0	3	-3.0	19	-	-	29	65	6	17	12	9	6	4	0	1	0	0	4	-	3	-	-	-	-	-	
	Benbecula	21-9	6	6.9	3.3	5.1	-0.8	12.0	3	-2.2	19	-	-	95	81	17	12	21	18	10	3	2	6	0	0	5	15	12	4	0.50	-	-	-	
Isle of Rhum	Isle of Rhum	99	5	7.0	2.6	4.8	-	11.1	3	-1.7	25	5.2	8.5	177	67	45	12	20	16	6	4	3	3	1	0	6	21	-	0	-	-	-	-	
	Prabost	99	67	6.2	1.9	4.1	-	10.6	2,3	-3.9	29	-	-	94	49	19	19	23	16	9	4	0	7	0	0	10	20	-	4	0.80	-	-	-	
	Duntulm	99	90	7.0	2.4	4.7	-0.9	11.1	2,3,5	-1.1	19,27,28	-	-	68	48	13	12	19	15	9	0	0	0	0	0	5	16	-	2	0.61	79	S		
Onich	Onich	99	15	6.9	0.9	3.9	-1.0	13.3	1	-6.7	28	-	-	74	34	16	21	23	10	-	0	-	-	-	0	14	23	-	-	0.75	110	S		
	Fort William	99	8	6.6	-0.3	3.1	-	13.3	2,3	-6.7	28	3.6	5.9	68	-	14	19	19	10	8	4	0	0	0	0	20	24	-	0	0.72	-	S		
	Corrach	99	8	6.4	0.6	3.5	-	12.2	3	-5.6	26,28	-	-	118	-	34	12	20	14	3	4	0	0	0	-	15	23	-	0	-	-	-	-	
Fort Augustus	Fort Augustus	99	21	5.9	-0.4	2.7	-1.2	11.7	2,3	-5.0	28	-	-	57	-	14	19	18	11	4	5	0	0	0	1	18	-	0	0.74	-	S			
	Inverness	99	4	6.1	-0.1	3.0	-	11.7	3	-4.4	14	-	-	42	79	20	17	10	7	3	1	0	0	2	15	23	-	0	0.93	-	-	-	-	
	Coire Cas Shieling	99	762	1.5	-2.4	-0.5	-	7.2	2,5	-9.4	19,(20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cairngorm	Cairngorm	99	1090	-1.1	-5.2	-3.1	-	5.0	6	-11.1	19,(20)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan	99	305	4.2	-2.2	1.0	-	9.4	2,3,5	-8.3	19	3.4	-	73	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Glenmore Lodge	99	341	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND, E.																																		
Nairn	Nairn	99	6	5.9	-0.3	2.8	-1.4	11.1	2	-3.3	12,14,16	-	-	42	88	18	17	14	8	5	4	0	2	0	1	15	26	-	0	1.04	86	-	-	-
	Grantown-on-Spey	99	229	4.3	-3.7	0.3	-	10.0	3,4	-8.3	16,17,20	-	-	65	-	13	17	15	10	8	11	2	0	0	1	28	30	-	0	-	-	-	-	-
	Forres	99	47	5.5	0.5	3.0	-1.1	10.6	3	-2.8	14,19,20	2.9	5.9	30	67	11	17	13	7	4	4	1	0	0	0	13	23	-	0	1.24	87	-	-	-
Kinloss	Kinloss	21-9	5	5.8	0.7	3.3	-0.9	11.2	2	-5.5	16	4.0	-	38	89	(10)	27	12	7	9	3	0	6	0	2	15	21	-	4	1.20	-	-	-	-
	Elgin	99	15	6.3	-0.2	3.1	-	10.6	2	-5.0	14	-	-	34	72	9	17	14	8	-	-	-	-	0	0	16	26	-	0	1.00	-	S		
	Lossiemouth	99	6	6.4	-0.3	3.1	-1.0	10.6	2,3	-4.4	12	-	-	25	51	5	27	11	10	7	1	4	2	0	0	17	31	-	0	-	-	-	-	-
Banff	Gordon Castle	99	32	6.4	1.1	3.7	-0.5	11.1	3	-3.3	17	-	-	46	81	16	17	14	11	4	4	3	0	0	-	9	-	0	0.91	82	-	-	-	-
	Glenlivet	21-9	215	4.1	0.0	2.1	-	10.0	4	-7.1	19	-	-	66	-	18	18	17	11	11	10	0	0	0	0	15	25	-	0	0.73	-	S		
	Banff	99	24	6.4	2.4	4.4	-	8.9	3,2,22	-2.2	20	-	-	58	-	8	17	17	14	4	0	3	0	0	0	8	-	4	0.58	-	-	-	-	-
Aberdeen	Braemar	99	339	3.9	-1.2	1.3	-0.7	8.3	5	-7.8	16,17,20	-	-	81	84	18	16	18	13	-	12	-	-	-	0	15</								

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER, 1968

DISTRICT, COUNTY AND PLACE		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		Daily Mean (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	Date	Precip'n										Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				Max. (A)	Min. (B)			Maximum	Date	Minimum	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	Concrete min. below 0°C																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1968

DISTRICT, COUNTY AND PLACE		Max. Temp. by 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 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	Number of Days												Daily Mean (hr.)	Percentage of 1910-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date					Amount (mm.)	Most in a day	Precip'n (mm. or more)	Snow or Sleet	Snow lying at 9hr.	Hail	Ice Pellets etc.	Thunder heard	Fog at 9hr.	Air Frost† below 0°C	Grass min. below 0°C	Concrete min. below 0°C				Gale																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
6b	ISLE OF MAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1968

DISTRICT, COUNTY AND PLACE		Terminal hr. GMT of Observation	Height of Station above MSL (feet)	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 1910-50 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure			
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																						
4 MIDLAND COUNTIES																																	
Yorks.			192	4.3	-0.3	2.0	-	9.4	21	-4.4	14	-	58	38	16	15	15	11	6	3	0	0	0	6	18	21	-	0	0.91	-	-		
W. Riding			395	2.7	-1.3	0.7	-	7.8	2	-6.1	28	4.2	-	61	41	12	15	15	11	7	7	0	0	0	9	20	20	-	0	1.17	-	-	
			99	4.8	0.2	2.5	-	10.0	21,22	-2.8	13,14,15	4.5	7.6	43	69	12	17	12	8	-	1	-	-	-	6	10	19	-	1	1.04	144	-	
			21-9	235	3.6	0.3	1.9	-	9.0	21	-4.2	28	3.9	7.0	53	61	11	22	18	12	9	5	0	2	0	9	13	20	19	1	1.29	119	-
			99	134	4.6	0.7	2.7	-1.5	9.4	21,22	-2.8	28,29	5.2	8.2	62	81	13	17	17	12	9	2	1	1	0	7	15	19	-	2	-	S	-
			99	96	5.1	1.1	3.1	-1.0	10.0	21	-2.2	14,28,28	-	-	65	72	12	17	14	11	8	2	1	0	0	11	13	-	0	0.78	70	-	
			99	131	5.0	(1.2)	(3.1)	-1.8	9.4	21,22,23	-2.8	28	5.2	8.7	53	71	10	17	14	13	4	0	0	0	0	-	9	16	-	0	0.91	93	-
			99	78	4.7	0.9	2.8	-1.6	10.0	22	-2.2	4,15,29	-	-	35	72	13	17	11	6	2	3	0	0	0	8	9	16	-	0	-	-	-
			99	54	4.6	0.6	2.6	-	10.0	22	-2.2	14,15	-	-	45	72	11	17	16	8	4	3	0	0	0	7	12	18	-	0	1.15	-	-
			99	6	4.8	0.8	2.8	-	10.6	22	-2.2	14,15,28	5.3	7.9	33	63	9	17	12	7	2	3	0	0	0	1	14	19	-	0	1.25	-	-
			99	34	4.8	-1.0	1.9	-	9.4	2	-2.8	15,28,30	-	-	37	67	8	18	13	8	2	3	0	0	0	7	11	16	-	0	1.11	84	-
Derby			99	307	3.4	-0.6	1.4	-1.9	8.9	21	-6.7	14,15	3.7	6.4	69	56	14	17	17	13	8	7	0	0	0	13	15	20	-	0	-	-	-
			99	186	3.8	0.3	2.1	-	9.4	21	3.9	14	-	-	55	-	9	21	17	13	11	7	0	0	0	9	13	21	-	2	1.26	-	-
			99	48	5.2	1.3	3.3	-	10.6	21	-2.8	14,27	-	-	32	50	7	24	10	8	2	0	0	0	0	1	8	14	-	1	1.01	-	-
			99	107	4.4	0.6	2.5	-	10.0	21	-3.3	14,28	-	-	37	57	7	24	13	8	4	3	0	1	0	-	13	16	-	0	1.12	-	-
Nottingham			99	48	4.9	0.6	2.3	-2.1	10.6	20,21,22	-6.7	14	5.6	8.3	29	59	6	21	10	7	6	1	0	0	0	3	11	22	-	0	0.80	72	-
			21-9	118	4.1	0.9	2.5	-1.6	9.9	21	-4.1	14	-	-	38	64	7	17	14	9	10	0	1	1	0	5	14	19	15	0	0.88	72	-
			99	48	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
			99	110	4.1	-0.2	1.9	-2.4	8.9	20	-4.4	14,15	4.1	-	45	73	11	17	15	10	3	5	1	0	0	18	16	15	-	0	-	-	-
			99	59	5.1	1.6	3.3	-1.4	10.6	21	-2.8	14	4.3	7.2	27	51	7	21	10	8	1	3	0	0	0	4	8	15	-	0	1.04	100	-
			99	46	4.6	0.4	2.5	-	10.0	21	-2.8	14,15	-	-	39	77	6	17	15	12	1	3	0	0	0	8	17	22	-	0	1.06	-	-
			21-9	10	5.0	1.4	3.2	-1.4	10.4	22	-2.5	15	-	-	32	-	9	17	12	8	5	3	0	0	0	6	13	17	16	0	1.15	-	-
Leicester			99	119	4.1	0.4	2.3	-	10.0	21	-3.9	28	-	-	38	66	9	24	13	9	4	3	0	0	0	2	12	19	-	0	1.03	-	-
			99	53	4.4	0.1	2.3	-	9.4	2	-6.7	14	-	-	42	87	11	20	8	7	-	0	-	-	-	7	17	18	-	-	0.70	-	-
Northampton			99	69	4.6	-0.1	2.3	-	10.6	21	-5.0	14,15	5.3	(8.3)	47	91	13	24	11	7	-	7	-	-	-	1	18	-	-	0.91	-	-	-
			99	59	4.2	0.3	2.3	-1.7	10.0	21,22	-5.0	14	5.1	9.1	40	83	9	20	14	7	2	1	0	0	0	7	15	17	-	0	0.95	78	-
			99	65	4.1	0.8	2.5	-2.0	10.2	22	-3.6	15	-	-	34	73	11	20	11	7	6	0	0	0	0	5	13	17	15	0	1.03	-	-
Warwick			99	137	4.6	0.8	2.7	-	10.0	21	-3.9	14	-	-	66	97	12	24	16	10	5	6	0	1	0	6	11	-	-	0	-	-	-
			21-9	163	4.1	1.3	2.7	-2.0	10.2	21	-4.2	14	6.0	8.6	62	90	21	24	17	8	10	7	0	4	0	9	11	16	14	0	0.95	78	-
			99	56	4.9	0.8	2.9	-	11.1	21	-4.4	14	-	-	49	-	16	24	11	10	4	7	0	0	0	8	15	20	-	0	0.97	-	-
			99	49	4.9	0.4	2.7	-	11.1	21	-5.0	14	5.9	-	52	89	17	24	12	10	3	7	0	0	0	2	15	18	-	0	1.04	-	-
			21-9	97	4.3	0.8	2.5	-	11.2	22	-6.9	26	-	-	51	84	16	24	12	8	10	7	0	5	0	6	15	19	16	0	0.91	-	-
			99	111	4.5	0.3	2.4	-	11.1	21	-4.4	14,28	5.8	-	64	113	21	24	17	9	5	7	0	0	1	7	13	21	-	1	1.00	-	-
			99	47	(4.9)	(0.6)	(2.7)	-	11.7	21	-5.0	14	-	-	51	99	18	24	10	8	-	-	-	-	-	12	-	-	-	-	-	-	-
			99	107	-	(0.6)	-	-	-	-	-3.9	14,28	-	-	56	-	18	24	9	7	-	-	-	-	-	-	11	-	-	-	-	-	S
			99	85	4.5	0.4	2.5	-	10.6	20,21,22	-4.4	14,27	-	-	57	110	20	24	12	8	3	7	0	1	0	6	14	17	-	0	0.96	-	S
Oxford			99	117	(4.6)	0.2	(2.4)	-1.6	10.6	21	-4.4	28	4.4	7.6	59	109	13	24	11	7	5	8	0	0	0	4	17	15	-	0	-	-	-
			21-9	84	4.6	0.8	2.7	-	11.3	21	-4.9	14	-	-	66	-	19	24	11	10	7	7	0	1	0	4	13	21	-	0	-	-	-
			99	63	5.1	1.1	3.1	-1.8	11.1	21,22	-3.9	14,15	4.8	8.0	63	109	19	15	10	7	5	7	0	0	0	4	11	19	-	0	1.16	71	-
Buckingham			99	30	5.2	-0.5	2.3	-	11.7	20,21	-7.2	14	-	-	66	-	17	15	13	8	-	-	-	-	-	6	20	-	-	-	-	-	-
			99	87	4.8	-0.1	2.3	-	11.1	22	-6.7	14,15	5.7	9.1	61	-	18	24	11	8	3	1	0	0	0	-	15	20	-	0	0.95	-	-
			99	96	4.6	0.3	2.5	-	11.1	21	-5.0	27	-	-	63	111	18	15	9	8	4	7	0	0	0	6	16	19	-	0	0.71	-	S
			99	86	(4.7)	(0.5)	(2.6)	-	11.1	22	-5.0	14,15	-	-	50	-	13	24	11	7	3	7	0	3	0	5	12	-	-	0	-	-	-
Stafford			99	179	4.2	0.3	2.3	-	9.4	21,22	-5.6	27	4.8	8.1	46	62	11	24	12	9	8	9	0	1	0	5	14	17	-	0	0.94	-	-
			99	125	4.4	0.0	2.2	-	10.0	21	-5.6																						

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1968

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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1911-50 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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
												30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
5	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1968

DISTRICT, COUNTY AND PLACE		Max. Min. 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		Daily Mean (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 9hr.	Air Frost†	Grass min. below 0°C	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
				Max. (A)	Min. (B)			Maximum	Date	Minimum	Date																					Date	Date	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date	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 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 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 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 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 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.

TABLE III (continued)—SUMMARY OF DAILY OBSERVATIONS

DECEMBER,

1968

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				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	Concrete min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-50 average	Exposure				
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1911-50 average	Maximum	Date	Minimum	Date																						
																															30 cm.	122 cm.		
8b ENGLAND, S.W.—cont.																																		
Devon —cont.	Plymouth, The Hoe	9 9	36	9.2	(3.7)	(6.5)	-0.4	13.3	2	-2.2	27	8.2	10.6	143	126	34	9	18	14	1	0	1	0	1	0	1	0	7	17	-	3	2.01	116	-
	Tavistock	9 9	139	8.3	2.3	5.3	-0.6	13.3	2,5	-5.0	28	-	-	154	99	29	24	20	15	3	1	1	0	1	0	1	0	10	20	-	0	-	-	-
	Chivenor	21-9	6	7.8	4.1	5.9	-1.2	13.3	2	-3.2	14	-	-	119	116	48	24	15	12	2	0	0	4	0	0	0	6	11	8	1	1.65	-	-	-
	Ilfracombe	9 9	8	8.6	-	-	-	13.8	2,21	-	-	7.7	10.8	126	113	35	24	15	10	1	0	0	1	0	0	0	2	8	1	1.56	116	-	-	
	Totnes	9 9	37	8.7	2.4	5.5	-	13.3	21	-3.9	15,31	7.7	10.6	141	98	26	21	17	15	0	0	0	1	3	0	8	15	-	2	1.54	-	-	-	
	Slapton	9 9	32	8.9	3.6	6.3	-	12.8	20,21	-3.3	15	-	-	143	-	20	21	18	15	-	0	-	-	-	0	5	11	-	-	-	-	-	-	
	Newton Abbot	9 9	83	8.1	2.7	5.4	-0.7	12.2	21,24	-3.3	14,15	-	-	142	119	37	9	19	14	1	0	0	0	1	0	7	14	-	0	1.86	102	-	-	
	Torbay (Torquay)	9 9	8	9.0	3.4	6.2	-0.6	13.4	21	-3.7	15	-	10.2	134	130	23	9	18	13	2	0	0	0	1	0	8	12	-	2	1.47	77	-	-	
Cornwall	Teignmouth	9 9	6	9.2	3.9	6.5	-0.6	13.9	19,21	-2.2	15	-	-	113	115	22	24	16	11	0	0	0	0	0	0	0	5	-	-	0	1.60	86	-	-
	Starcross	9 9	9	8.5	3.1	5.8	-	13.3	21	-3.9	15	7.3	-	114	119	27	24	17	11	2	1	0	0	1	2	7	14	-	1	1.64	-	-	-	
	Exeter	21-9	32	7.2	3.3	5.3	-	12.9	21	-3.7	14	-	-	113	120	27	24	19	12	5	1	0	4	1	0	9	14	10	0	1.32	-	-	-	
	Sidmouth	9 9	8	(7.2)	2.0	(4.6)	(-1.9)	12.2	20,21	-3.9	15	-	-	(96)	(110)	27	24	(14)	(9)	-	0	-	-	-	0	9	13	-	-	-	-	-	-	
	Scilly	21-9	48	10.5	7.7	9.1	+0.5	13.9	3	3.2	27	-	-	181	170	26	13	23	23	1	0	5	1	3	0	0	0	-	2	1.58	86	-	-	
	Penzance	9 9	19	10.4	5.0	7.7	-0.3	13.9	2	-1.1	27	-	-	148	120	17	16	24	20	3	0	5	1	0	0	2	13	-	1	1.41	77	-	-	
	Guilva	9 9	15	10.3	5.1	7.7	-0.1	13.3	2,3,21	-0.6	27	-	-	148	125	20	26	25	21	-	0	-	-	-	-	0	1	13	-	-	1.42	82	-	-
	Culdrose	9 9	82	9.5	4.2	6.9	-	13.2	3	-2.0	9	-	-	97	91	16	21	23	19	4	1	5	0	2	1	6	14	-	0	1.28	-	-	-	
	Rosewarne	9 9	76	9.5	4.2	6.9	-	13.3	2,3	-1.1	14	8.1	10.1	157	140	22	21	22	20	3	0	3	0	2	1	6	11	-	0	1.69	-	-	-	
	Lizard	9 9	73	9.8	5.6	7.7	-0.3	13.2	2	0.0	27,29	-	-	127	128	15	17	21	18	2	1	2	0	2	-	0	-	-	4	1.44	-	-	-	
	Falmouth	9 9	51	(9.4)	4.7	(7.1)	(-0.6)	12.8	3,4	-0.6	9	-	-	131	98	17	21	22	18	1	0	1	0	1	0	2	13	-	1	1.35	79	-	-	
	Newquay	9 9	54	9.4	4.5	6.9	-0.3	13.3	21	-1.1	14,31	-	-	135	140	20	16	22	19	1	-	1	1	1	-	5	-	-	1	1.29	75	-	-	
St. Mawgan	21-9	103	8.4	4.4	6.4	-	12.7	21	-2.4	14	-	-	147	136	23	24	21	18	3	0	0	5	2	1	4	10	10	1	1.47	-	-	-	-	
St. Austell	9 9	94	8.7	3.7	6.2	-	12.8	21	-1.7	15	-	-	170	119	36	24	23	18	1	1	0	0	0	0	7	-	-	0	-	-	-	-		
Fowey	9 9	40	9.4	4.0	6.7	-0.7	12.8	1,21,24	-2.2	14	-	-	139	-	26	17	22	17	1	1	3	0	0	0	6	-	-	6	-	-	-	-		
Bude	9 9	15	9.2	3.3	6.3	-0.6	14.4	2	-3.3	14,15	7.5	-	64	66	30	24	18	11	-	0	-	-	-	-	8	-	-	-	-	1.74	104	-	-	
Ellbridge	9 9	58	8.9	(2.8)	(5.9)	(-0.2)	12.8	2,21	-3.9	27	-	-	140	112	32	9	18	13	2	1	3	1	1	0	9	14	-	1	1.87	102	-	-		
9 NORTHERN IRELAND																																		
Londonderry	Loughmore Forest	9 9	174	6.2	0.6	3.4	-	11.0	2,3	-4.1	17	-	-	75	-	19	12	22	13	6	6	0	0	0	1	16	19	-	-	-	-	-	-	
	Ballykelly	21-9	2	7.3	2.7	5.0	-0.6	12.9	3	-3.2	17	5.9	8.8	60	64	15	12	19	11	5	0	1	3	0	0	7	16	15	0	1.15	91	-	-	
Antrim	Derrynoyd Forest	9 9	88	6.2	1.4	3.8	-	11.1	3	-3.0	16	-	-	112	-	25	24	21	16	3	7	0	3	0	0	13	19	-	-	-	-	-	-	
	Somerset Forest	9 9	43	6.9	1.9	4.4	-	11.0	2,3	-2.0	15,19,22	-	-	56	-	13	24	19	15	1	0	1	0	0	0	10	15	-	-	-	-	-	-	
	Garvagh Forest	9 9	91	6.2	1.4	3.8	-	10.6	2,3	-2.2	16,19	5.6	9.3	110	-	16	24	24	21	4	7	3	0	0	3	13	16	-	-	-	-	-	-	
	Moneydig	21-9	34	6.3	2.1	4.2	-0.7	11.2	3	-3.4	19	6.4	-	74	67	10	24	24	17	6	5	3	3	0	1	12	14	13	0	-	-	-	-	
	Portrush Golf Club	9 9	9	-	-	-	-	-	-	-	-	-	-	42	-	11	21	20	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Ballymoney	9 9	55	6.9	1.9	4.4	-	11.1	2,3,5	-1.7	14,19,22	-	-	50	-	7	13	22	16	2	-	0	0	0	0	10	-	-	-	-	-	-	-	
	Lisnafillan	9 9	38	6.9	0.9	3.9	-	11.7	3	-5.0	17,26	-	-	67	-	18	12	18	15	2	0	0	0	0	3	15	18	-	-	1.25	-	-	-	
	Aldergrove	21-9	69	6.2	2.1	4.1	-0.8	11.5	3	-3.9	16	6.0	9.2	57	58	15	24	17	13	5	1	2	0	0	1	13	15	15	0	1.26	114	-	-	
	Greenmount	9 9	32	7.1	1.1	4.1	-	12.2	3	-5.6	26	5.6	-	57	-	13	21	19	13	4	4	0	0	0	-	15	19	-	-	-	-	-	-	
	Altnahinch	9 9	226	5.3	1.3	3.3	-	10.0	3	-2.2	14	-	-	111	-	25	12	20	18	4	5	0	3	0	2	13	21	-	4	0.99	-	-	-	-
	Parkmore Forest	9 9	235	5.4	0.9	3.1	-	10.0	3	-2.8	21	6.2	-	110	-	16	12	20	17	6	5	0	0	0	1	13	21	-	0	-	-	-	-	
	Black Mountain	21-9	295	4.7	1.1	2.9	-	9.6	3	-4.3	28	-	-	72	-	17	24	16	13	3	-	1	0	0	11	15	-	1	-	-	-	-	-	
	Lowtown	9 9	271	4.9	0.5	2.7	-	9.4	4	-3.9	28	5.3	-	95	-	15	13	20	15	3	8	0	0	0	6	14	20	-	-	1.09	-	-	-	-
	Ballypatrick Forest	9 9	152	6.4	1.8	4.1	-	10.9	4	-2.3	16	-	-	95	-	18	13	22	17	4	2	1	0	0	0	10	15	-	7	1.11	-	-	-	-
	Belfast, Malone	9 9	35	7.3	2.1	4.7	-	12.2	5	-3.9	17	5.9	-	67	-	19	24	16	12	2	-	0	0	0	2	8	19	-	-	0.90	-	-	-	-
	Newtownabbey	9 9	32	7.4	3.1	5.3	-	11.7	3	-1.7	21	6.3	-	64	-	13	24	16	12	5	1	1	0	0	0	5	15	-	2	0.96	-	-	-	-
	Woodburn, North	9 9	217	5.6	1.1	3.3	-	9.4	2,3,5																									

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER,

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)	Hour of Observation (G.M.T.)	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.	40-100 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	6-7	4-5	1-3	Calm										
																									22-33	11-21	1-10	0											
Number of Observations																																							
0 SCOTLAND, N.																																							
Zetland	3	1009.8	-	4.3	0.9	7.2	85	-6.8	1	3	0	9	17	1	0	0	0	0	0	1	8	13	6	3	0	7	15	9	0	9	0	0	5	14	1	1	1		
Lerwick	9	1009.7	+4.0	4.1	0.8	7.3	87	-6.8	0	0	6	11	13	1	0	0	0	0	0	3	11	7	6	3	0	11	11	9	0	7	0	2	5	11	1	2	3		
	15	1009.4	-	4.1	0.8	7.2	87	-6.3	0	1	8	12	10	0	0	0	0	0	0	1	15	6	4	4	0	7	16	8	0	0	0	2	13	3	1	3			
	21	1010.1	-	4.0	0.8	7.1	85	-6.5	0	3	3	6	19	0	0	0	0	0	0	0	13	7	7	3	2	3	19	6	1	8	1	0	4	11	3	2	1		
Orkney	3	1009.6	-	4.7	1.0	7.2	83	-5.7	0	6	3	13	9	0	0	0	0	0	0	1	7	12	11	0	0	11	15	4	1	7	1	2	3	13	1	2	1		
	9	1009.8	+3.7	4.4	1.0	7.2	85	-6.3	0	2	6	15	8	0	0	0	0	0	0	0	9	11	9	2	2	7	17	5	0	5	3	0	3	14	1	3	2		
	15	1009.5	-	4.8	0.9	7.4	84	-6.1	0	3	4	19	5	0	0	0	0	0	0	0	6	14	9	2	1	9	14	7	0	8	0	1	3	13	3	2	2		
Kirkwall	21	1010.0	-	4.8	1.0	7.3	83	-5.0	1	4	12	8	6	0	0	0	0	0	0	0	5	12	14	0	1	8	16	6	0	8	2	1	3	15	0	2	0		
	3	1009.3	-	4.6	1.0	7.2	84	-4.9	2	5	7	11	5	1	0	0	0	0	0	0	8	9	11	2	1	5	18	7	0	6	1	2	6	10	1	3	2		
	9	1009.7	+3.0	4.2	1.1	7.0	83	-5.8	0	4	6	13	7	1	0	0	0	0	0	0	12	9	5	3	0	6	16	9	0	5	1	2	5	9	4	2	3		
Caithness	15	1009.3	-	4.9	1.1	7.3	82	-6.4	0	3	1	21	6	0	0	0	0	0	0	0	10	13	4	4	0	7	16	8	0	5	1	0	9	9	2	1	4		
	21	1009.7	-	4.9	1.2	7.1	81	-4.9	1	9	4	10	7	0	0	0	0	0	0	0	9	8	11	3	0	3	19	9	0	5	1	1	6	13	0	2	3		
	3	1008.7	-	5.2	1.4	7.0	79	-5.3	0	6	8	11	6	0	0	0	0	0	0	0	0	0	0	5	26	2	4	10	13	2	4	3	1	7	8	2	0	4	
Sutherland Cape Wrath*	9	1008.8	-	5.5	1.3	7.2	80	-6.1	0	0	12	9	10	0	0	0	0	0	0	0	0	0	0	13	18	2	7	8	11	3	3	2	2	4	6	4	2	5	
	15	1008.7	-	5.3	1.4	7.1	79	-6.5	0	1	5	15	10	0	0	0	0	0	0	0	0	0	0	18	13	3	5	6	16	1	4	3	2	6	7	4	2	2	
	21	1008.7	-	5.2	1.4	7.1	79	-5.5	0	4	10	12	5	0	0	0	0	0	0	0	0	0	0	7	24	3	3	8	13	4	2	4	1	5	9	2	1	3	
Ross & Cromarty Stornoway	3	1009.2	-	4.8	0.8	7.7	87	-4.9	0	11	5	4	11	0	0	0	0	0	0	0	2	11	14	4	0	5	16	9	1	7	1	2	2	11	2	3	2		
	9	1009.5	+3.5	4.9	0.8	7.7	87	-6.2	0	2	6	15	8	0	0	0	0	0	0	0	3	16	10	2	0	5	13	12	1	6	1	1	5	10	3	1	3		
	15	1009.2	-	5.3	0.8	7.9	86	-6.5	0	3	2	17	9	0	0	0	0	0	0	1	2	3	14	8	3	0	6	14	8	3	8	0	2	6	8	1	1	2	
Inverness	21	1009.4	-	5.2	0.9	7.8	86	-5.9	1	5	3	8	14	0	0	0	0	0	0	0	3	16	10	2	0	5	17	7	2	6	1	2	5	9	3	1	2		
	3	1009.4	-	5.0	1.0	7.6	85	-5.5	1	5	5	12	8	0	0	0	0	0	0	0	1	6	9	6	1	5	15	8	2	7	2	3	5	7	3	0	2		
	9	1009.7	+3.4	5.0	0.9	7.6	86	-6.3	0	2	6	14	9	0	0	0	0	0	0	0	1	8	7	6	9	0	5	13	10	3	4	2	3	7	8	0	2	2	
Benbecula	15	1009.0	-	5.6	0.9	8.0	85	-6.0	0	3	6	13	9	0	0	0	0	0	0	0	6	11	11	3	0	6	16	7	2	7	2	2	6	10	0	1	1		
	21	1009.5	-	5.2	0.8	7.8	86	-6.0	0	4	7	10	10	0	0	0	0	0	0	0	7	8	12	4	0	6	16	9	0	8	4	0	6	9	1	2	1		
1 SCOTLAND, E.																																							
Moray	3	1009.9	-	3.4	1.0	6.6	83	-4.4	2	6	10	9	4	0	0	0	0	0	0	1	1	3	6	12	8	0	2	11	16	2	1	1	5	2	8	2	2	8	
Kinloss	9	1010.3	+2.9	2.8	0.9	6.3	84	-5.9	0	3	5	18	5	0	0	0	0	0	0	1	1	7	10	8	3	1	3	5	17	5	2	3	1	4	7	4	3	2	
	15	1009.7	-	3.9	1.0	6.9	83	-5.4	0	5	8	15	3	0	0	0	0	0	0	0	1	6	12	9	3	0	6	5	15	5	4	2	2	3	5	6	3	1	
	21	1010.1	-	3.9	1.2	6.6	81	-5.6	2	3	5	12	9	0	0	0	0	0	0	0	0	5	11	11	4	0	4	13	14	0	4	2	2	6	7	5	3	2	
Aberdeen	3	1010.1	-	4.0	0.9	7.0	85	-6.0	2	4	3	6	16	0	0	0	0	0	0	0	8	6	13	4	0	0	3	11	4	0	0	0	2	4	10	1	3	7	
	9	1010.6	+2.1	3.6	0.9	6.9	85	-6.9	0	1	4	12	13	1	0	0	0	0	0	1	2	5	11	8	3	1	0	2	16	9	4	2	0	1	3	12	0	4	5
	15	1010.1	-	4.1	0.9	7.1	85	-6.7	0	1	5	14	10	1	0	0	0	0	0	0	1	3	7	8	3	0	0	3	11	12	5	5	1	0	2	13	0	2	3
Dyce	21	1010.5	-	4.1	0.9	7.1	85	-6.2	1	2	6	8	14	0	0	0	0	0	0	0	3	7	8	3	0	0	1	15	12	3	4	0	1	5	9	2	2	5	
	3	1010.0	-	5.5	1.2	7.4	81	-6.2	0	4	7	5	15	0	0	0	0	0	0	0	1	6	15	9	0	2	10	7	12	0	8	0	3	1	15	1	3	0	
	9	1010.3	-	5.3	1.3	7.3	81	-6.6	0	1	7	8	15	0	0	0	0	0	0	0	1	8	15	7	0	2	3	14	12	0	7	1	2	0	14	2	4	1	
Fraserburgh	15	1009.9	-	5.4	1.0	7.6	84	-6.6	0	0	8	10	13	0	0	0	0	0	0	0	1	10	11	9	0	1	4	13	13	0	8	0	1	2	14	3	3	0	
	21	1010.3	-	5.5	1.2	7.4	81	-6.5	0	3	5	7	16	0	0	0	0	0	0	0	0	10	13	8	0	1	9	4	17	0	7	1	1	5	14	0	3	0	
	3	1010.1	-	4.7	1.0	7.3	84	-4.9	4	6	3	6	12	0	0	0	0	0	0	0	12	3	7	9	1	1	18	11	0	6	1	3	3	7	3	6	2		
Angus	9	1010.6	-	4.4	0.9	7.3	86	-5.9	0	4	7	6	14	0	0	0	0	0	0	0	1	12	6	5	7	0	1	14	16	0	4	0	1	4	6	5	2	9	
	15	1009.9	-	4.9	1.0	7.4	84	-5.5	0	5	7	12	7	0	0	0	0	0	0	0	3	6	10	4	8	0	2	17	12	0	7	0	0	5	10	0	6	3	
	21	1010.3	-	4.9	0.9	7.5	84	-5.7	2	4	5	8	12	0	0	0	0	0	0	0	1	6	7	4	13	0	2	12	17	0	7	0	1	5	8	3	4	3	
Fife	3	1010.2	-	3.1	0.8	6.7	86	-4.8	4	6	5	4	12	0	0	0	0	0	0	0	3	9	7	5	7	0	4	10	10	7	3	2	2	4	4	2	4	3	
	9	1010.9																																					

TABLE IV (continued)—SUMMARY OF OBSERVATIONS AT FIXED HOURS DECEMBER, 1968

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	0-30 m.	40-150 m.	200-300 m.	400-500 m.	1000-1500 m.	2000-3000 m.	4-9 km.	10-19 km.	20-30 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
2 ENGLAND, N.E.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
Northumberland Acklington	3	1010.3	-	3.1	0.6	6.9	89	6.0	3	2	4	6	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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,

1968

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.	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.
																											SPEED IN KNOTS												
																											8 or more	6-7	4-5	1-3	Calm								
Number of Observations																																							
4 MIDLAND COUNTIES—cont.																																							
Finningley	3	1010.7	-	2.8	0.4	7.0	92	6.0	4	3	1	4	17	2	0	2	0	3	4	6	11	2	1	2	0	2	5	16	8	4	0	2	3	6	0	2	6	6	
	9	1011.2	-1.2	2.7	0.5	6.9	91	6.1	0	7	1	7	14	2	0	1	2	3	3	7	12	2	0	1	0	0	10	15	6	4	0	4	3	4	1	3	3	6	
	15	1010.6	-	4.1	0.7	7.3	88	6.7	0	2	4	10	14	1	0	0	0	4	6	7	8	4	1	1	0	1	7	18	5	6	0	4	3	8	0	0	2	3	
Northampton Wittering	3	1011.3	-	2.9	0.5	7.0	91	6.4	3	2	1	7	17	1	0	0	0	4	3	10	11	3	0	0	0	0	1	5	21	4	5	2	2	1	9	0	6	2	
	9	1010.8	-	2.1	0.4	6.7	92	5.2	6	3	4	2	15	1	0	0	3	3	7	7	6	4	1	0	0	1	6	24	0	6	1	5	0	6	5	5	0	3	
	15	1011.3	-2.1	2.4	0.5	6.7	91	6.9	0	2	3	4	19	3	0	3	0	2	6	7	7	3	3	0	0	0	11	20	0	4	2	4	6	5	5	1	1	1	
Warwick Edgbaston	3	1010.9	-	3.5	0.8	7.0	88	6.5	0	3	5	6	17	0	0	0	0	4	5	8	5	8	1	0	0	0	7	23	1	3	4	3	3	7	2	2	3	8	
	9	1011.6	-	2.3	0.5	6.7	92	6.1	3	3	3	4	15	3	0	2	1	2	6	8	5	7	0	0	0	1	6	24	0	2	2	2	4	3	3	7	2	2	
	15	1011.7	-1.9	2.5	0.5	6.7	91	6.7	1	3	1	6	17	3	0	0	1	8	4	10	7	1	0	0	0	0	5	25	1	2	2	6	6	5	5	2	1	6	
Elmdon	3	1011.4	-	3.4	0.8	6.9	87	6.4	1	3	3	9	14	1	0	0	0	4	9	8	7	3	0	0	0	0	5	26	0	2	0	8	5	8	0	2	6	5	
	9	1012.1	-	2.5	0.5	6.7	90	6.5	4	0	1	10	15	1	0	0	1	2	10	9	5	3	0	1	0	1	2	28	0	2	2	6	5	5	2	4	5	5	
	15	1010.7	-	2.1	0.4	6.7	91	6.1	6	1	1	1	17	5	0	1	1	4	6	8	5	4	2	0	0	1	5	20	5	4	0	7	5	4	1	1	4	4	
Oxford Brize Norton	3	1011.2	-	2.3	0.5	6.7	91	6.7	0	4	1	7	15	4	0	0	0	6	5	9	9	2	0	0	0	0	9	16	6	3	2	3	6	4	2	2	3	3	
	9	1010.8	-	3.6	0.8	7.0	87	6.4	2	1	3	12	12	1	0	0	0	2	5	14	9	1	0	0	0	0	6	23	2	3	2	4	5	8	1	1	5	5	
	15	1011.5	-	2.2	0.4	6.7	91	5.8	5	2	2	7	14	1	0	1	0	4	8	11	6	1	0	0	0	1	4	21	5	3	0	5	6	6	0	2	4	3	
Shropshire Shawbury	3	1011.0	-	2.4	0.5	6.9	92	5.9	6	0	1	8	14	2	0	1	1	3	8	12	4	2	0	0	0	0	6	23	2	5	2	8	3	4	0	4	3	3	
	9	1011.5	-	2.4	0.4	6.9	93	6.4	0	2	6	7	15	1	0	0	1	3	1	10	10	4	2	0	0	0	8	19	4	2	1	8	3	3	4	2	4	3	
	15	1011.2	-	3.9	0.8	7.3	88	6.3	2	1	4	12	12	0	0	0	1	0	4	6	13	5	2	0	0	0	7	21	3	3	5	2	4	5	3	2	4	5	
Hereford Ross-on-Wye	3	1011.9	-	2.4	0.4	6.9	93	5.5	5	1	3	7	17	0	0	0	1	2	11	10	5	0	0	0	0	0	5	26	0	4	4	7	4	2	3	2	5	3	
	9	1010.8	-	2.6	0.5	6.9	91	6.0	4	3	1	5	18	0	0	0	0	1	8	10	5	2	3	2	0	0	6	19	6	2	1	5	7	1	1	4	4	4	
	15	1011.2	-	2.8	0.6	6.9	90	6.5	0	4	2	9	15	1	0	0	0	1	4	11	6	2	4	3	0	0	6	20	5	6	0	6	8	3	0	2	1	1	
Gloucester Filton	3	1010.7	-	4.0	0.8	7.2	87	6.1	2	2	4	10	12	1	0	0	0	1	5	7	9	4	3	2	0	0	7	20	4	4	0	7	3	6	3	0	4	4	
	9	1011.5	-3.0	2.6	0.5	6.9	90	5.5	5	3	4	1	17	1	0	0	0	1	9	8	5	1	5	2	0	0	8	16	7	5	0	5	4	5	1	2	2	2	
	15	1010.8	-	3.1	0.5	7.2	91	6.4	0	4	3	7	17	0	0	0	0	2	10	10	2	6	1	0	0	3	24	4	1	1	9	2	5	3	2	4	2	4	
Gloucester	3	1010.5	-	4.5	0.9	7.4	85	6.0	1	5	3	4	18	0	0	0	0	2	7	15	2	5	0	0	0	0	2	28	1	3	3	7	2	6	5	2	2	0	0
	9	1011.2	-	3.3	0.8	6.9	87	5.6	4	4	2	17	0	0	0	1	0	2	3	6	8	3	8	0	0	1	2	27	1	3	3	6	3	4	7	4	2	0	0
	15	1010.5	-	3.4	0.6	7.2	89	5.7	7	1	1	4	18	0	0	0	0	0	1	10	11	5	3	1	0	0	5	25	1	5	3	9	4	1	2	3	3	3	
Little Rissington	3	1011.1	-3.2	3.5	0.6	7.2	90	6.3	0	4	3	11	13	0	0	0	1	1	13	9	5	1	1	0	0	0	4	24	3	3	7	5	2	2	2	4	1	3	
	9	1010.9	-	5.0	1.0	7.5	83	6.3	1	4	3	9	14	0	0	0	0	0	2	12	11	2	1	3	0	1	6	24	0	3	6	6	6	2	2	4	1	3	
	15	1011.6	-	3.4	0.6	7.2	89	5.7	1	5	5	6	13	1	0	1	0	0	3	11	10	5	1	0	0	1	5	24	1	2	7	6	6	3	1	2	3	3	
Surrey Gatwick	3	1010.9	-	3.5	0.7	7.1	88	5.8	7	0	1	5	18	0	0	0	0	0	2	8	11	7	2	1	0	0	1	5	24	1	2	7	6	6	3	1	2	3	3
	9	1011.4	-	3.7	0.6	7.3	90	6.6	1	1	5	7	17	0	0	0	0	1	6	4	14	5	1	0	0	0	3	24	4	3	6	4	4	3	0	4	4	4	
	15	1011.1	-	5.0	1.0	7.5	84	6.3	1	4	3	6	16	1	0	0	1	0	5	14	3	3	0	0	0	0	2	26	3	5	3	4	5	3	5	1	2	2	
Kent Dungeness	3	1011.8	-	3.7	0.7	7.2	88	5.6	6	1	2	9	13	0	0	0	1	0	2	10	12	4	2	0	0	0	4	20	7	4	3	3	5	4	2	0	3	6	
	9	1010.8	-	1.5	0.4	6.5	98	6.1	4	2	4	0	14	7	1	5	2	1	3	1	8	3	5	2	0	0	7	20	4	2	4	4	3	4	1	3	6	6	
	15	1011.3	-2.8	1.7	0.3	6.6	94	6.7	0	3	3	3	13	9	0	5	4	0	5	1	7	6	2	1	0	0	6	21	4	5	4	4	1	4	3	3	3	3	
Sussex Thorney Island	3	1010.9	-	2.7	0.5	6.9	91	6.3	1	3	3	11	10	3	0	2	1	2	5	4	9	3	5	0	0	1	4	24	2	1	5	4	5	2	4	2	6	6	
	9	1011.7	-	1.6	0.3	6.6	94	6.2	3	3	2	1	16	6	1	5	0	1	3	6	9	2	4	0	0	1	5	24	1	5	3	6	5	1	3	3	4	4	
	15	1011.0	-	3.0	0.6	7.0	90	6.7	0	1	5	11	13	1	0	1	0	4	7	11	5	2	0	0	0	1	8	20	2	4	4	5	5	2	0	5	4		
Surrey Gatwick	3	1011.3	-	2.6	0.6	6.8	89	5.4	5	5	1	3	16	1	0	1	1	0	4	7	11	5	2	0	0	0	8	21	2	3	6	5	4	3	0	4	4		
	9	1010.9	-	4.3	0.9	7.2	85	6.4	2	1	3	12	13	0	0	0	0	6	10	9	6	0	0	0	0	0	6	25	0	5	3	6	4	3	0	4	4		
	15	1011.7	-3.0	2.9	0.6	6.9	89	5.9	4	3	1	7	15	1	0	0	0	4	11	8	4	0	0	0	0	1	4	25	1	3	2	5							

TABLE VIII—NUMBER OF DAYS IN DECEMBER, 1968
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	1	10	20	0	0	0	0	0	0	0	1	8	15	7	0	0	Edgbaston	3	17	11	0	0	0	0	0	0	0	0	0	10	18	3	0	0
Stornoway	0	8	18	5	0	0	0	0	0	0	0	8	14	8	1	0	Kew	0	7	12	2	0	0	0	0	0	0	0	12	12	4	3	0	
Craibstone	0	16	15	0	0	0	0	0	0	0	0	11	16	4	0	0	Hastings	0	16	12	3	0	0	0	0	0	0	0	10	15	6	0	0	
Rothsay	0	8	23	0	0	0	0	0	0	0	0	7	18	6	0	0	Southampton	0	12	14	5	0	0	0	0	0	0	1	9	16	5	0	0	
Abbotsinch	1	13	14	3	0	0	0	0	0	0	2	11	14	4	0	0	Stonyhurst	0	19	11	1	0	0	0	0	0	0	0	16	13	2	0	0	
Eskdalemuir	1	23	7	0	0	0	0	0	0	0	2	11	17	1	0	0	Bidston	0	15	14	2	0	0	0	0	0	0	10	16	5	0	0		
Douglas	0	10	17	4	0	0	0	0	0	0	0	5	21	5	0	0	Valley	0	11	15	5	0	0	0	0	0	0	5	16	9	1	0		
Acklington	0	16	15	0	0	0	0	0	0	0	1	9	18	3	0	0	Falmouth	0	2	17	12	0	0	0	0	0	0	5	11	12	3	0		
Gorleston	0	13	17	1	0	0	0	0	0	0	1	7	14	9	0	0	Aldergrove	0	11	16	4	0	0	0	0	0	0	12	12	7	0	0		
Cambridge	0	21	9	1	0	0	0	0	0	0	2	11	16	2	0	0	Armagh	0	11	15	5	0	0	0	0	0	0	15	11	5	0	0		

TABLE XIII—SOLAR RADIATION AND ILLUMINATION, DECEMBER, 1968

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	24	11	3	15	12.1	31	18	21	2	15	10.9	31	21	11	3	15	11.3	31
Eskdalemuir	81	21	4	10	32.1	31	38	1	4	10	20.5	31	82	21	6	10	36.8	31
Cambridge	97	21	7	11	40.5	31	67	19	7	11	31.8	31	-	-	-	-	-	-
London/ W Centre	100	27	7	9	37.7	31	73	21	6	9	28.4	31	102	21	8	17	42.4	31
Kew	98	27	7	10	42.8	31	58	2	7	10	30.6	31	112	21	9	10	49.9	31
Bracknell	104	26	9	11	44.0	31	62	19	8	11	33.1	31	115	28	11	11	50.2	31
Aberporth	90	14	10	25	55.0	31	57	3	12	25	40.4	31	-	-	-	-	-	-
Aldergrove	69	26	6	10	37.5	28	43	25	6	10	25.4	28	-	-	-	-	-	-

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				
1962	November	Lerwick	304	33	33							227	33		13.1								
			HEIGHT OF VANE IN METRES																				
1968	April	Sheffield	162	25	11	-		0	0	0	68	533	119	0	6.2	230	17	1	14	220	48	1	1325
	April	Chivenor	19	13	10											010		2	09				
	May	Mildenhall	30	25	18						110	408											
	May	Sheffield	162	25	11	*																	
	May	Amersham	152	15	15	-		0	0	0	45	519	174	6	5.7	230	16	10	14	230	35	10	1430
	May	Manston	61	17	17						228	427											
	May	Rhoose	78	11	10						241	379	108										
	June	Gorleston	16	13	13						295			0									
	June	Amersham	152	15	15	§																	
	June	Manston	61	17	17																		
	June	Valley	26	16	12				58		321	280											
	June	Rhoose	78	11	10						259												
	July	Leeming	42	10	10						284	377											
	July	Manston	61	17	17						134	336											
	July											294	97										
	July	Boscombe Down	130	16	16						200	420	122										
	July	Ringway	80	10	10						187	410											
	July	Mount Batten	64	13	13						178	454	112										
	August	Shin	24	10	10	-		0	1	1	56	365	322	0	4.6	240	23	20	14	230	41	20	1520
	August	Leeming	42	10	10						228	376											
	August	Boscombe Down	130	16	16						288	28											
	August	Ringway	80	10	10						298	405	40										
	August	Aberporth	135	13	11						315	291											
	July	Sheffield	102	25	11	*																	
	August	Sheffield	102	25	11	-		0	0	0	147	412	185	0	6.9	360	17	7	17	320	36	13	1520
	July, 1965- April, 1968	Castle Archdale																					
1968	June - August	Forest Hurn	80	13	13																		
			23	13	11																		

* Defective record

§ Incomplete record

To be purchased directly from HER MAJESTY'S STATIONERY OFFICE at the following addresses: 49 High Holborn, London, W.C.1
423 Oxford Street, London, W.1: 13a Castle Street, Edinburgh 2: Brazenose Street, Manchester 2: 258-259 Broad Street, Birmingham 1;
109 St. Mary Street, Cardiff CF1 1JW: 50 Fairfax Street, Bristol 1: 7-11 Linenhall Street, Belfast BT2 8AY: or through any bookseller.

Monthly Parts 2s. 9d. net. Annual Summary 4s. 6d. net. Annual Subscription £2 3s. 4d. (inc. postage, introduction, summary).
Printed in England for H.M. Stationery Office by Keyswift Ltd., Edgware. Dd. 137769 K.12 5/69 Gp.1708 SBN 11 720638 5



Monthly Weather Report

OF THE METEOROLOGICAL OFFICE

Summary for the year 1968

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

Volume 85 Number 13

Published by HER MAJESTY'S STATIONERY OFFICE

© Crown Copyright 1969

CONTENTS

REMARKS ON THE WEATHER OF THE YEAR .. 193

ANNUAL WEATHER CHARTS 1968:

Mean Pressure at 09 00 GMT Mean Daily Bright Sunshine
Mean Air Temperature; Difference of Mean 30 cm Earth
Temperature from average .. 195
Rainfall .. 196

TABLE I District Values for the Year 1968 .. 200

TABLE II (see Table IX) .. 217

TABLE III Summary of Observations of Temperature, Rainfall,
Sunshine and Weather for the Year .. 201

TABLE IV Summary of Observations at Fixed Hours .. 208

TABLE V Warmest Day and Night and Coldest Day and
Night at each Station during the year 1968 .. 212TABLE VI Number of days on which the duration of Sunshine
was between given limits in each month of 1968 .. 215TABLE VII Number of days with Rainfall between given
limits during 1968 .. 216TABLE VII Number of days with Maximum and Minimum
Temperatures between given limits during 1968 .. 216

TABLE XIII Solar Radiation and Illumination for the Year 1968 .. 222

WIND SECTION

TABLE IX Summary of Autographics Records of Wind for
the Year 1968 .. 217TABLE X No. of hours with Gusts exceeding (a) 33 Kt and
(b) 47 Kt in each month of 1968 .. 218TABLE XI Occasions on which the maximum hourly mean
wind was 41 Kt or more (strong gale) during 1968 .. 220TABLE XII Dates on which Gusts exceeded 47 Kt
during 1968 .. 221

1968—DULL AND COLD IN THE SOUTH WITH A WET SUMMER; BRIGHTER AND DRIER IN THE NORTH AND WEST.

1968 was a generally dull year with below average sunshine in England and Wales, periods of flooding and below average temperatures particularly in summer. However, Northern Ireland, Scotland and north-west England had a fine dry summer.

Other noteworthy features included: the severe storms in Scotland, especially on 14th/15th January, which did much damage to property and killed many people in the Clyde/Forth Valley; the heavy snowfall which caused so much havoc in the Midlands in February; the unusually heavy rainfall in the North-West Highlands of Scotland during March; the fine warm summer in Western Scotland and Northern Ireland which contrasted so sharply with the dull, wet summer in south-east England; the floods in south-east England during September; the exceptionally mild October, the mildest October at Worthing since records began in 1905 and at Ross-on-Wye since 1875; the "White Christmas" over much of southern England.

Synoptic Features

January, February and March. Weather generally during the first half of both January and February was mainly cyclonic in character and so was the weather in Southern England during the last ten days of February. Otherwise anticyclones dominated the situation until 12 March. The remainder of March weather was mostly cyclonic although in southern England it was weakly anticyclonic during the last five days of the month.

April, May and June. Generally cyclonic weather during these three months was broken by anticyclonic interludes on 7 - 15 and 24 - 26 April, 17 - 23 and 28 - 31 May, and 8 - 17 June.

July, August and September. July weather was cyclonic in character until the 17th after which anticyclones dominated the general weather pattern until the end of August apart from cyclonic activity in south-east England on 1 - 12 August and over most districts on 13 - 21 August. The weather in September was mostly cyclonic in character.

October, November and December. In October weather was mainly cyclonic in character on the 8th-13th and 27th-31st, otherwise cyclonic activity was confined mainly to northern districts during the first half of the month and to western districts during the second half of the month. Elsewhere weather during October was predominantly anticyclonic. November weather too was mainly anticyclonic except for a cyclonic interlude on the 22nd-29th. During December weather was cyclonic on the 9th-10th and 14th-22nd, but was dominated during the first half of the month by anticyclones over Europe, and during the second half of the month by anticyclones to the west of Ireland.

General Weather

January The first 12 days of the month were cold with snow almost daily, except over south-west England where weather was relatively mild with heavy rain at times. The mild weather spread to the whole country on the 13th and the consequent rapid thaw of lying snow led to floods in Wales and the West Country. Gales and heavy rain on the 14th/15th caused widespread

FH3A

damage in Scotland, especially in the Clyde/Forth Valley; gusts frequently exceeded 90 kt in the Glasgow area and a gust of 102 kt was recorded at Tieve. The gust of 116 kt at Great Dun Fell on 15th January was the highest on record for England and Wales. From the 20th weather was cloudy but drier, and the month ended with four sunny and exceptionally mild days.

February A cold month with heavy falls of snow at times, especially during the first two weeks. A blizzard on the 4th blocked many roads in Scotland, and a heavy snowstorm on the 6th brought virtually all traffic to a halt in the Birmingham and Manchester areas. The second half of the month was mainly dry with good sunny periods, but rain from the Atlantic spread to Western Scotland on the 29th.

March Generally dry, cold weather, especially in western districts, during the first twelve days of the month was interrupted by two mild wet days with strong to gale force winds on the 4th and 5th. An unsettled period began on the 13th with winds reaching gale force in many districts and with hail and snow in Scotland. This stormy weather with heavy rain at times continued over northern districts for most of the rest of the month, but from the 24th southern England was mainly dry with unusually high day temperatures and with severe frosts at night.

April The warm weather in the south at the end of March ended abruptly on the 2nd as northerly winds brought snow showers from Scotland to the whole of the United Kingdom. Showers, mostly of snow, continued over much of the country until the 6th, and in northern districts until the 9th, after which weather was mostly dry until the 15th. On the 16th weather became generally unsettled with periods of heavy rain and scattered thunderstorms, and with temperature rising considerably above the average. From the 23rd until the 26th weather was generally dry and sunny but the last four days of the month were cold and wet with heavy rain at times.

May The first two weeks were dull, cold and wet particularly in northern districts but there was a milder foggy period in southern coastal areas around the 15th. In the east weather continued cold and unsettled until the 18th, but western districts were generally dry and sunny. There was little rain from the 19th until the 23rd although it was mostly cloudy, but unsettled weather returned on the 24th and temperatures rose above average in nearly all districts. The last few days of the month were sunny and warm nearly everywhere.

June The month began warm and sunny but thunderstorms broke out on the 2nd and 3rd. Weather then became generally unsettled and cool until the 8th. This was followed by a fine dry spell which lasted in most districts until the 17th; sunshine was abundant and temperatures were unusually high in Scotland. During most of the remainder of the month weather was generally cool and unsettled over the whole of the British Isles with rain, often heavy and prolonged, alternating with showery periods. The last day of the month was sunny and very warm.

July The 1st was a very hot day in south-east England, but in the south-west frequent thunderstorms led to widespread flooding. During the early hours the rain brought down a fine dust, varying in colour from almost white to dark red, which was probably borne northwards by high-level winds from Spain or North Africa. The dust was reported from areas extending from Devon eastwards to Essex and northwards to Derbyshire. These storms spread slowly northwards during the next two days. Nearly a week of mainly fine weather began on the 4th and ended on the night of the 10th/11th when heavy thunderstorms broke out in south-west England and moved north-eastwards. The occasion was remarkable for the large area covered by heavy rain, floods being reported from places as far apart as Exeter, Birmingham and Peterborough. Apart from further rain in Scotland on the 20th-21st and in other districts on the 22nd, 23rd and 31st, weather was mainly fine and dry from the 18th until the end of the month.

August The first 11 days were dull and wet in south-east England but mainly sunny and dry in Scotland and Northern Ireland. Rain from the Atlantic reached western Scotland on the night of the 12th/13th, and from then until the 21st, rain, heavy at times, and scattered thunderstorms alternated with showery periods in all areas. Snow was reported in the Cairngorms. Weather became fine and warm on the 22nd with afternoon temperatures rising to 28°C at places as far apart as Cleithorpes and Ross-on-Wye. From the 24th, however, north-easterly winds brought cooler weather with some rain to eastern districts, though it continued dry in the west. Thunderstorms developed in south-east England on the 27th and weather became generally cooler in the south but remained fine and warm in Scotland until the 29th. Rain from the west reached north-west England on the 30th and spread to the rest of the country on the 31st.

September Weather was cool and rather wet with showers and scattered thunderstorms until the 12th except for a short, mainly dry spell on the 6th-9th. Rain reached south-west England from the Atlantic on the 13th and spread eastwards. During the three days 14th-16th rain was almost continuous over much of south-east England and at many places an amount equivalent to the average for three months fell in less than 48 hours. This resulted in disastrous flooding in Kent, Essex, Surrey, Sussex and East Anglia. In contrast to the heavy rain in south-east England weather was fine and dry in north-west England, Northern Ireland and in western and central Scotland. Although it was mainly dry on the 18th, unsettled weather predominated in all areas from the 19th until the end of the month.

October The month began with two rather wet days, but the rain gradually died out on the 3rd and from then until the 7th weather was mainly dry and very mild. The next few days were rather unsettled with heavy rain at times, but the rain cleared southern England on the

12th and was followed by five days of cooler showery weather. Temperatures rose on the 18th and 19th and the showers gave place to longer periods of rain. The 20th-23rd was rather a foggy spell with light and variable winds but the month ended very unsettled with moderate to heavy falls of rain in all districts during the last four days.

November The very mild weather at the end of October continued over most of England and Wales until the 2nd but gave place to wintry showers on the 3rd as cold northerly winds spread from Scotland to all areas. The 4th and 5th were mainly dry days but a strong south-easterly airstream then became established over the country and rain from the continent spread north-westwards to most districts on the 6th and 7th. Winds continued from a direction mainly between south and east until the 20th and weather was generally cloudy, cold and dry, but as the wind veered to south-west on the 21st temperatures in all districts rose rapidly. From then until the 28th weather was mild and very wet, but northerly winds brought temperatures near to normal during the last two days of the month.

December A south-easterly airstream during the first 10 days of the month maintained generally dull weather with drizzle and fog, and there were periods of more prolonged rain in the west. Winds were light and variable on the 11th and 12th and fog which formed during the early hours persisted throughout each day in many Midland districts. Weather became progressively cooler and by the 14th afternoon temperatures in many places did not rise above freezing point. Rain on the 15th was preceded by snow in many northern districts and by the morning of the 16th snow was 5-7 cm deep over much of Lancashire. Unsettled weather with heavy rain at times continued and, on Christmas Eve, the rain turned to snow in southern England during the evening. On Christmas morning snow lay 10-15 cm deep in many parts of southern England. From then until the end of the month northerly winds brought heavy falls of snow to many eastern districts, particularly to Norfolk, Lincolnshire and the East Riding of Yorkshire where high winds caused deep snowdrifts which blocked many roads.

Pressure and Wind

Taking the year as a whole mean monthly pressure at 0900 GMT over the United Kingdom was more frequently above than below average. A feature of the pressure pattern was the unusually high values during July. Pressure was also mainly above average in January and August. In February, April, November and December it was above average in the north but below average in southern England, whereas in March and October pressure was below average in the north and above average in the south. During September mean pressure was below average except in the extreme north; in May and June pressure was below average everywhere.

An indication of the general surface wind direction has been given earlier in this summary. In January and March winds were mainly north-westerly during the first twelve days of each month and then south-westerly, whereas in February and April, except for the first week of each month, they were mainly between south and east. Northerly winds predominated during the first three weeks of May after which winds were mainly easterly apart from westerlies during the first and last weeks of June. During July and August winds were very variable in direction but mainly from a north-easterly point. September and October winds were mainly between south-east and south-west. In November winds were north-easterly during the first three and last four days otherwise they were south-easterly from the 4th-20th and to south-westerly from the 20th-27th. During December winds were light and variable on the 11th-14th and around the 19th and 24th, otherwise they were between south and east until the 18th and north-westerly during the last four days of the month.

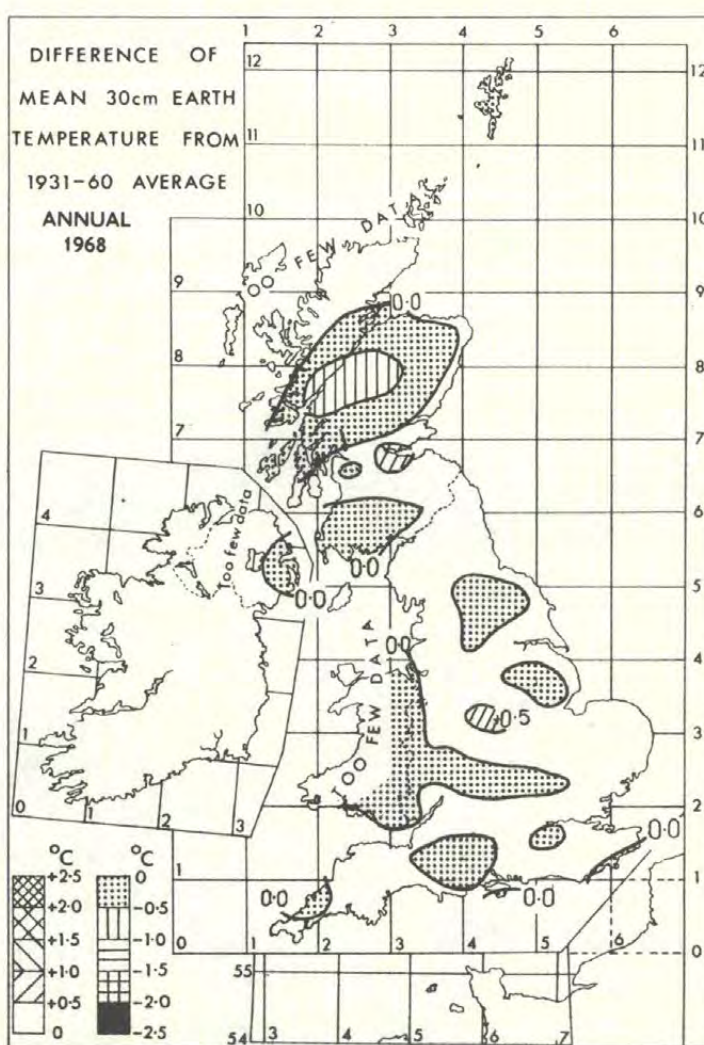
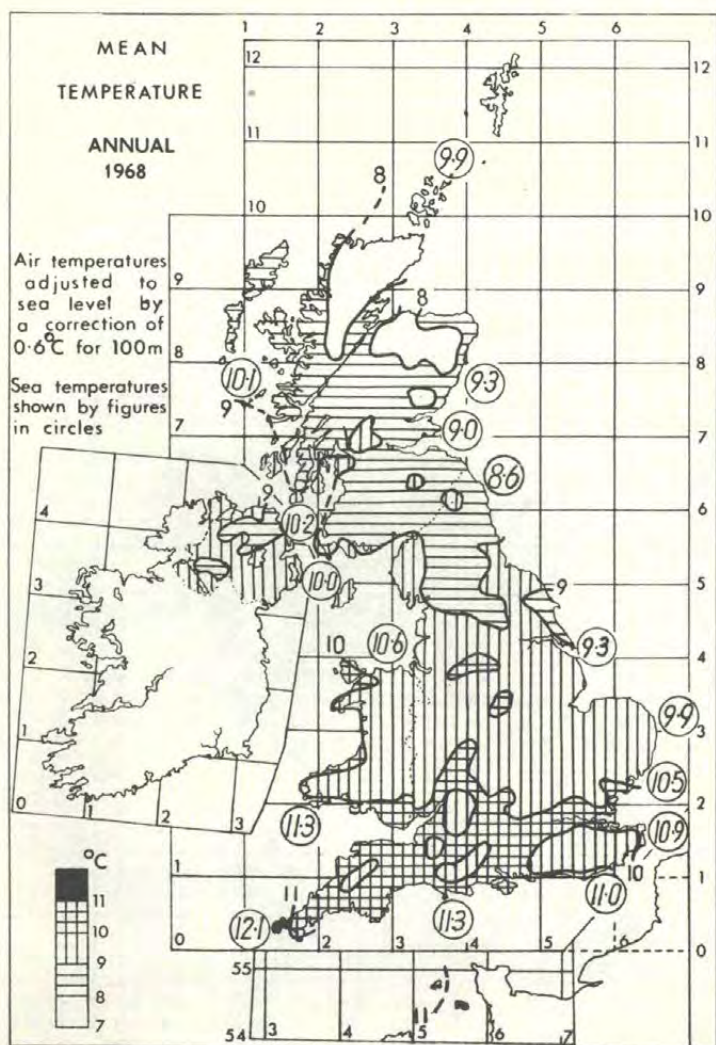
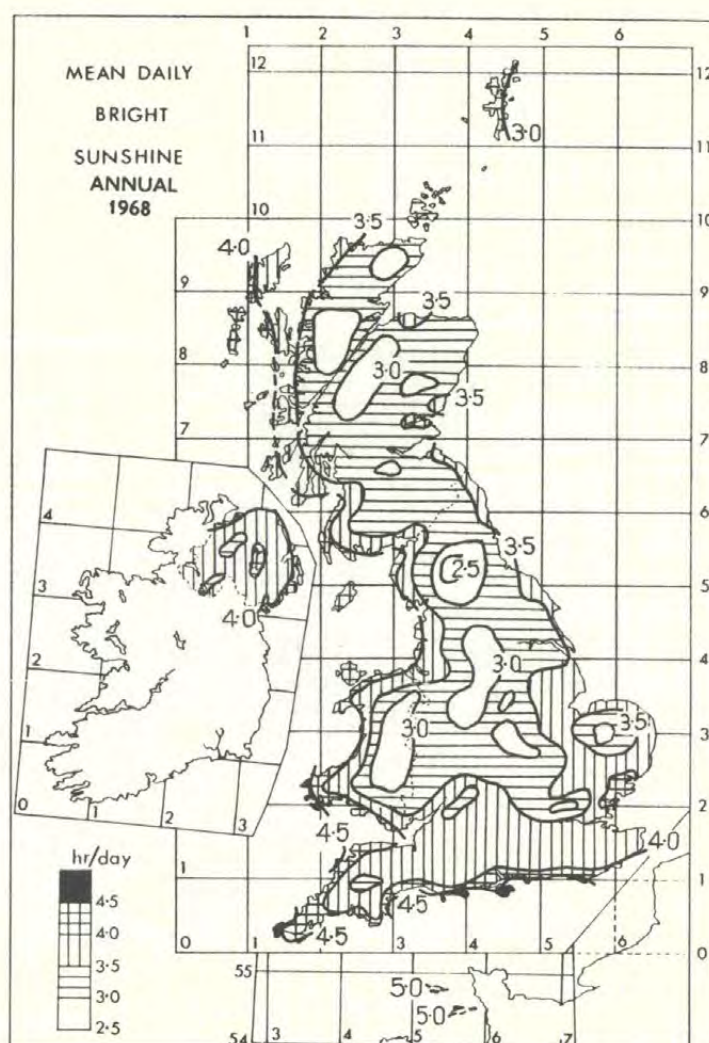
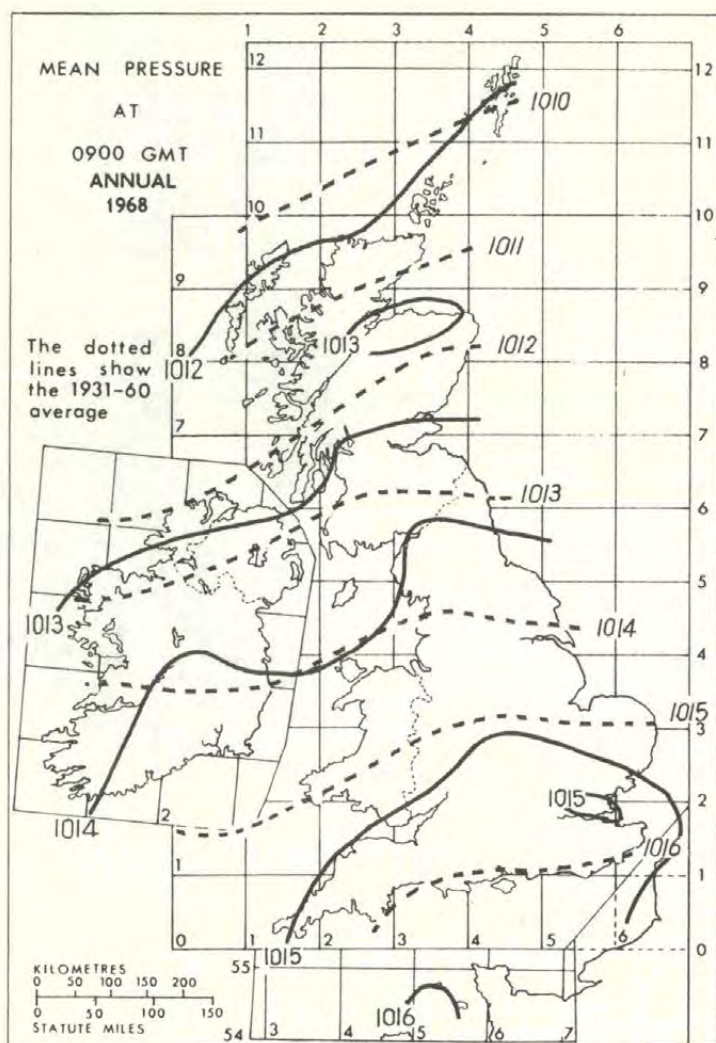
Temperature

Over the year as a whole mean temperature was below the 1931-60 average in England and Wales, in Scotland and in Northern Ireland. Temperature was above average in Northern Ireland during January, June and October but below average during every other month. In England and Wales and in Scotland temperature was above average during these three months and during March and September as well. In Scotland, England and Wales an air frost was recorded sometime or other during every month except for August in England and Wales, but in Northern Ireland no air frost was recorded during the four months June to September. A feature of the year's weather was the fine warm summer and early autumn in western Scotland, Northern Ireland and north-west England compared with the cold wet weather in the east Midlands and east and south-east England.

January Mean temperatures over the month as a whole were above average except in northern Scotland. In south-west England weather was relatively mild throughout the month but over most of the rest of the country low day temperatures during the second week contrasted sharply with unusually high temperatures during the third week. The last few days of the month were exceptionally mild.

February Temperature was well below average especially during the day, in eastern districts, and at night in north-west England, western Scotland and Northern Ireland. The warmest days were on the 1st, around mid-month and during the last few days of the month when maximum temperatures were near or a little above average. For most of the third week temperature remained below freezing point over wide areas, and there was severe frost at night.

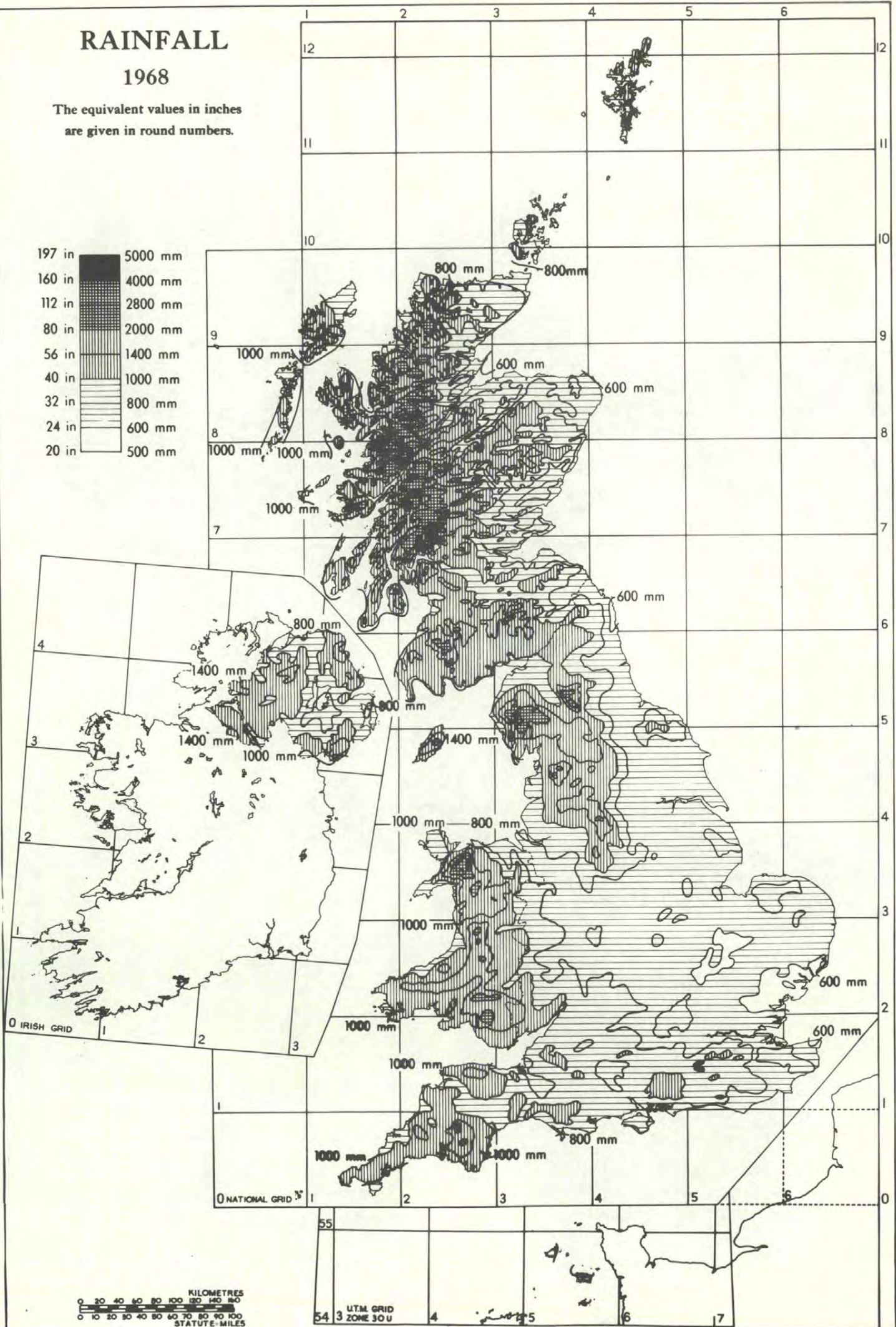
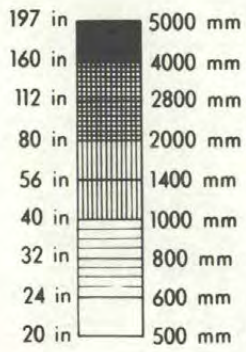
March Monthly mean temperatures were about average in Northern Ireland and in northern and western Scotland, otherwise they were above average. The first two days were rather cold but there was an unusually warm spell in many southern and central districts from the 27th until the



RAINFALL

1968

The equivalent values in inches
are given in round numbers.



29th. At Cromer and Santon Downham, Norfolk, afternoon temperature reached 25°C on the 29th equalling the highest March temperature previously recorded in the United Kingdom. Severe night frost led to a diurnal range of temperature of 25°C at Cardington.

April Monthly mean temperatures were about average in north-west England but were below average elsewhere due mainly to low night temperatures. The first two weeks were cold with hard night frosts but temperature was well above average during the third and fourth weeks both by day and by night. On the 21st afternoon temperatures reached 25°C in parts of central and southern England.

May In spite of a warm spell towards the end of the month when afternoon temperatures at many places rose above 20°C, monthly mean temperatures were everywhere below the average, especially during the day. It was the coldest May on record at many Scottish stations.

June Monthly mean temperatures were slightly above average in all districts although day temperatures were a little below average in east and south-east England. In England and Wales, maximum day temperatures were above average during the first two and last two days of the month and also during the second and third weeks. In Scotland, the first week and the last ten days were cool.

July Although the 1st was a very hot day with temperatures at many places reaching 30°C during the afternoon, mean monthly temperatures over the month as a whole were below the average in all districts, and were particularly low in eastern districts due to low day temperatures.

August Mean temperatures were slightly below the average. The third week, which was the coldest over most of the country, was followed by a warm, dry spell of nearly a week (22nd-27th) when afternoon temperatures reached 28°C at places as far apart as Ross-on-Wye and Cleethorpes.

September Mean temperatures over the month as a whole were about average in all districts, day temperatures being mainly below and night minimum temperatures mainly above average. There was a mild spell at the beginning of the second week when afternoon temperatures rose to well over 22°C at many places.

October A feature of the month was the unusually mild weather, especially at night. Both maximum and minimum temperatures were well above the average for most of the month, but there were, however, cooler periods, one during the third week over most of the British Isles and another in Scotland during the last few days.

November The first three weeks of the month were cold, mainly because of low day temperatures, but mild weather during the last ten days of the month ensured that the mean temperature over the month as a whole was only slightly below the average in England and Wales. Night minimum temperatures were above the average in the Midlands and eastern districts but below the average in the west. The coldest nights were around the 4th, 9th and 15th; in some northern districts temperature around mid-month remained below freezing for several days. There was a mild spell during the second half of the month when temperature exceeded 13°C by day and fell little below 10°C at night.

December Mean monthly temperatures were below average everywhere and markedly so in southern England. Temperatures were above average during the first two days and about the beginning of the third week of the month. There was a cold spell around mid-month when night frosts were severe and widespread.

The following tables give (1) the monthly and annual deviation from the 1931-60 averages of temperatures, and (2) the highest and lowest temperatures recorded each month in (a) England and Wales, (b) Scotland and (c) Northern Ireland.

(1)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	Degrees Celsius												
a	+0.7	-1.7	+0.6	-0.3	-1.4	+0.3	-1.3	-0.4	+0.2	+2.3	-0.2	-1.5	-0.2
b	+0.4	-2.0	+0.2	-0.4	-1.9	+0.3	-1.1	-0.4	+0.1	+1.4	-0.4	-0.8	-0.4
c	+1.3	-2.5	-0.1	-0.4	-1.9	+0.1	-1.2	-0.2	-0.1	+2.1	-0.3	-0.9	-0.3

(2)

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
	Degrees Celsius											
a	14.4	12.8	25.0	25.6	24.4	28.9	33.3	29.4	25.6	21.7	18.3	14.4
	-14.4	-11.7	-9.4	-11.4	-5.6	-0.6	-0.6	0.6	-0.6	-1.1	-6.7	-11.1
b	13.9	12.2	16.1	20.6	24.4	27.8	24.4	25.6	22.8	20.0	15.0	13.9
	-17.2	-18.3	-7.8	-10.6	-7.8	0.0	-1.1	-0.6	-2.8	-5.6	-12.2	-11.1
c	14.0	9.4	17.2	17.7	23.7	27.0	23.5	24.5	21.4	19.4	15.0	12.9
	-11.1	-11.1	-5.0	-6.1	-3.9	1.1	0.7	1.8	0.0	-0.6	-7.2	-6.7

Rainfall

1968 was the fourth successive year with rainfall over England and Wales above the 1916-50 average, and in each of these years 1965-1968 the excess has been quite substantial and mainly attributable to excessive rainfall during the summer half-year (April to September). Total rainfall

for the summer six months of 1968 over England and Wales generally was greater than any similar period since the summer of 1931.

Scotland and Northern Ireland on the other hand had a generally dry year. One of the outstanding features of the weather of 1968 was the contrast between the mainly fine dry summer in north-west Britain, including North Wales, north-west England, Northern Ireland and particularly north-west Scotland, and the dull cold summer in south-east England, the east Midlands and East Anglia.

The year had a number of remarkable rainstorms. On 25 - 26 March rainfall approached 254 mm at places in the North West Highlands of Scotland; on 10 July the south-west of England, the south and east Midlands and Lincolnshire suffered extensive flooding and rainfall exceeded 165 mm near the east side of Bristol; on 14 - 15 September many places in south-east England had their normal rainfall for a three-month period in less than 48 hours; on 20 - 24 September amounts approaching 254 mm were recorded in the southern Pennines, and on 31 October more than 150 mm were recorded in Co. Down, Northern Ireland.

January, February and March The year started dry, and precipitation for January and February over the country as a whole was well below the average. The distribution of precipitation was somewhat similar in both months, the first half of each month being rather wet, and the second half dry. There were heavy falls of snow in Scotland on 4 - 5 January, and blizzards affected parts of Wales, the Midlands and southern England on the 8th, while heavy rain in south-west England led to widespread flooding. On the 14th milder, stormy weather brought a rapid thaw to most parts of the country which caused further flooding.

Snowfall was heavy in Scotland and northern England on 4 - 7 February, but a long dry spell began about 14 February and lasted until about 12 March. Most parts of England and Wales and southern Scotland had at least two weeks without measurable rainfall, and in south Wales and south-west England a month elapsed with virtually no rain. The period 12 - 24 March was unsettled and wet, particularly in northern England and Wales. After heavy snow on the 22nd, heavy rain on the 23rd led to a rapid thaw and extremely severe flooding in the Eden Valley on the 23rd-24th and in the Vale of York on the 25th.

April, May and June Rain was heavy on 1 April in the Lake District and Forest of Bowland, but from the 4th to the 14th weather was dry nearly everywhere. A warm thundery spell began on 16 April and storms were particularly severe on the 17th-18th and 20th-21st. Weather was dry and sunny from the 23rd until the 26th after which it became unsettled and April ended with two cold wet days. Heavy rain led to flooding in southern and eastern Scotland on 4-5 May and from then until the 13th weather was generally wet. A more settled spell began on 14 May and continued to the end of the month in most districts, but there were outbreaks of heavy rain in southern England and the Midlands on 24-27 May. The generally drier weather, but with isolated thunderstorms, was maintained until 18 June. From 18-28 June weather was extremely unsettled and wet over southern Britain.

July, August and September There were heavy thunderstorms on 1 and 2 July in Wales, northern England, southern Scotland and Northern Ireland. Severe hailstorms did a great deal of damage to crops. On the 2nd 148 mm of rain fell at Balwin Reservoir, Isle of Man, in 24 hours. The rainfall of 10 July was heaviest near the east side of Bristol, but quite extensive areas with rainfall in excess of 100 mm occurred from the Quantock Hills to the Lincolnshire Wolds with widespread flooding in areas of heaviest rainfall. The period 17 July to 12 August was mainly warm and sunny over western and northern Britain but dull and wet in the south-east. A wet period began on the 12th in northern England and southern Scotland, and it was particularly wet in North Wales on the 19th where more than 125 mm of rain were recorded over the higher ground. The outstanding feature of September was the heavy rain of the 14th/15th. The area of heaviest rainfall extended from the Hampshire Downs, south of the North Downs and thence across the Thames Estuary into East Anglia. Total amounts for these two days exceeded 200 mm in the Grays area of Essex and approached 200 mm in parts of North Kent. Although the rain began at midnight on the 14th most of the rain fell during the period 1500-1800 GMT. The storm was preceded on the 11th/12th by very heavy rainfall extending from Norfolk to south-east Scotland; amounts approached 100 mm in the Border Country on the 12th. Meanwhile, north-west Britain had fine dry weather, but this dry spell was brought to an end in North Wales and north-west England on the 26th by four days of heavy rain. It was the wettest September in England and Wales generally since 1918.

October, November and December On 1 October heavy rain occurred over much of northern England and southern Scotland with falls exceeding 100 mm in the Lake District. In most places, however, the first week of October was mainly dry. Periods of heavy rain returned on the 7th, but thereafter amounts became progressively less daily, and parts of northern England had little or no rain from the 12th until the 26th. The remainder of the month was very unsettled, particularly in Northern Ireland. On the 31st 159 mm of rain fell at Tollymore Park, Co. Down. This is the heaviest daily fall recorded in Northern Ireland. On 1 November the heavy rain extended to the east Midlands with falls exceeding 75 mm locally near Louth. The 2nd-19th was mainly dry but weather during the last 10 days of the month became unsettled and wet again. Over most of the country the first half of December was mainly dry although there was heavy thundery rain in south-east England on the 9th and in the north-west on the 12th/13th. The second half of December was unsettled with heavy rain in the south and snow in the north.

January Snow or sleet (rain or drizzle and snow) fell over much of the country during the first two weeks and during the last week of the month. Snow-cover was deepest around the 10th when snow lay 10-15 cm deep in south and east England, 20-30 cm deep in the Midlands and western England and 40-50 cm

deep in parts of northern and central Wales.

February Snow was widespread in Scotland during the earlier part of the month and ground was snow-covered throughout the month in many upland and northern areas of Scotland. Snow fell over much of England and Wales on the 1st-7th, 12th, 15th-17th and 20th-22nd. By the end of the first week snow lay 10-15 cm deep over much of the Midlands and 15-25 cm deep in parts of Staffordshire and Derbyshire. At both Onecote and Buxton level snow was reported to be about 35 cm deep on the 7th and ground was snow covered from the 3rd until the end of the month.

March Snow fell in many parts of Scotland during the first few days and again during the third and fourth weeks, but did not lie to any great extent, except around the 17th of the month when it lay to a depth of 15 cm over a wide area. In England and Wales snowfall was mainly confined to the 6th-7th and 14th-22nd.

April Snowfall was confined to the first three or four days of the month in southern England and to the first week of the month over most of the rest of the country. Snow-cover was neither extensive nor prolonged but snow lay over 5 cm deep in parts of the Midlands on the 2nd.

May Snow fell in Scotland and northern England at times and light snow showers occurred in East Anglia on the 3rd.

June - September One or two reports of snow on the Grampian peaks.

October Snow fell in parts of Scotland on the 31st.

November Snow showers were reported in northern Scotland on the 2nd and 3rd and in southern and eastern England on the 16th and 17th. They were most frequent in the Scottish Highlands. Snow fell in the Cairngorms on 17 days, but on only 1-2 days over most of central and southern England. Snow-cover was confined to Scotland and the northern Pennines.

December Snow fell mainly during the third and last weeks. There were heavy falls in Scotland and eastern England from the 27th until the end of the month. By the 29th 48 cm of undrifted snow had accumulated at East Dereham and 40 cm at High Mowthorpe. Strong to gale force winds caused drifts over 3 metres deep in many eastern districts.

Thunder

Thunderstorms were more frequent in England and Wales than in Scotland, especially during the months of July and September when exceptionally heavy rain, associated with frequent and violent thunderstorms, led to widespread floods.

January In Scotland thunder was heard on 8 days and thunderstorms were widespread on the 14th. In England and Wales thunder was heard only on the 7th (at Sprowston).

February In Scotland thunderstorms were reported on 4 days but were widespread only on the 1st. In England and Wales thunder was reported from one place or another on 10 days, all during the first two weeks.

March Thunder was heard on 8 days in Scotland and on 14 days in England and Wales. Thunderstorms were widespread in eastern England on the 15th and in Scotland on the 17th.

April Thunderstorms were reported on 10 days in Scotland and were widespread on the 30th. In England and Wales they occurred on 14 days and were widespread in the Midlands and east and south-east England on the 17th and 18th. Most stations reported thunder on 2-4 days.

May In Scotland thunderstorms were reported on 6 days but were widespread only on the 4th. In England and Wales thunder was heard at one place or another on 15 days and thunderstorms were widespread in the Midlands and eastern England and on the 27th in western districts.

June Thunderstorms were more frequent than usual during the month. In Scotland they occurred on 14 days and were widespread on the 3rd, 4th and 20th. In England and Wales they were reported on 16 days and were widespread in the Midlands and south-east England on the 2nd and 3rd, and over much of southern England on the 14th and 20th. Most of the thunderstorms occurred during the first four days and during the second half of the month.

July During the first half of the month thunderstorms occurred almost daily. They were exceptionally violent on the 1st/2nd and on the 10th/11th and they were accompanied by torrential rain. In Scotland thunder was heard on 6 days and thunderstorms were widespread on the 1st, 2nd and 3rd.

August Scotland had 10 days with thunder and England and Wales 17 days. Thunderstorms occurred mainly during the first and third weeks and were widespread on the 17th.

September Thunder was heard on 11 days in Scotland and thunderstorms were widespread on the 2nd and 12th. In England and Wales thunder was heard on 22 days. Thunderstorms were widespread on the 14th and they continued in places on the 15th and 16th accompanied by exceptionally heavy rain. Many places in southern counties of England recorded between 150 and 200 mm of rain during these three days.

October Thunderstorms were reported on 8 days in Scotland and they were widespread on the 12th and 28th. In England and Wales thunder was heard on 10 days and thunderstorms occurred most frequently around mid-month and during the last four days.

November

Reports of thunder were very few in number.

December

Thunder was heard locally in England and Wales on 12 days and was widespread on the 17th and 22nd. In Scotland thunder was reported on 7 days but was widespread only on the 19th.

The following table gives revised monthly and annual percentages of average rainfall for the period 1916-50 for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	Per Cent												
a	85	72	97	110	119	158	133	90	196	100	77	89	108
b	84	76	151	88	133	79	101	56	102	131	61	63	92
c	116	53	126	89	108	108	41	73	141	129	93	77	96

Sunshine

1968 was a dull year generally with monthly sunshine amounts more frequently below than above the average except in Northern Ireland. In England and Wales only March and April were sunnier than normal, and these months only marginally so. Scotland's sunniest month was August, and the monthly average was also exceeded during February, April and June. Northern Ireland fared much better for sunshine, exceeding the average in February, April, June, July, August and September.

Taking the United Kingdom as a whole, the dulllest month (compared with average) was October, although January was the dulllest month in Northern Ireland. The remarkable difference in sunshine amounts between the north-west and south-east of the British Isles is seen most strikingly in August, for whereas in south-east England there were 4.16 hours per day (66 per cent of the average), Northern Ireland recorded 6.32 hours per day (144 per cent of the average) during the month. The percentages over England and Wales and over Scotland were 74 and 126 respectively during August.

January A dull month generally with sunshine amounts rather greater in the north and east than in the south and west. In Scotland sunshine was a little above average in some eastern districts and also in the Northern Isles.

February In contrast to January sunshine totals in February were generally greater in the western part of the country than in eastern or central districts. Sunshine was above average over the whole of Scotland except the Central Lowlands. At Stornoway, with 97.9 hours, it was the sunniest February since records began there in April 1880.

March Sunshine was generally below average in the north and west but above in the south and east. Parts of eastern Scotland had more than average sunshine but many places in western Scotland had their dulllest March for 20 years. At West Malling, Kent, there were 141.8 hours of sunshine.

April A sunny month with sunshine above average except in a few places near the east coast of Scotland and in south-west England.

May Sunshine was below average nearly everywhere, percentages of average ranging from 101 at Scilly, Stornoway and Southsea to 60 at Leuchars. It was the dulllest May at Dumfries since records began in 1910.

June Sunshine was above average in most northern and western districts, but below average in southern and eastern England and in coastal areas of eastern Scotland. The sunniest part of the month was from the 8th until the 17th where there were several successive cloudless days in Scotland and north-west England.

July Over most of Britain sunshine was below average, but it was above average over Northern Ireland, over a large part of north and west Scotland and over parts of west Wales and south-west England. In many western districts of Scotland it was the sunniest July for more than 20 years.

August Sunshine was above average over the whole of Northern Ireland and over Scotland except for a small part of the south-east and in the Shetlands. Parts of western Scotland had their sunniest August for more than 20 years. On the other hand, sunshine was below average over most of England and Wales. Parts of southern and eastern England had only 60 per cent of their average amount of sunshine.

September A dull month generally except for parts of Northern Ireland, the Western Isles of Scotland, a few places near the west coast of Scotland and in some coastal areas of western and southern England. Sunshine ranged from 118 per cent of the average at Stornoway to 62 per cent of the average at Craibstone and Berwick-on-Tweed.

October The generally dull weather continued into October with sunshine below the average almost everywhere. In parts of southern and western England sunshine was little more than half the average; at Ellbridge (Cornwall) it was as low as 40 per cent. In Scotland deficits were greatest in the south-west and in the Moray Firth area. Even in Northern Ireland sunshine was 24 per cent below the average.

November Sunshine amounts in the east of the country were very different from those in the west. At many places in eastern Scotland it was the dulllest November for 40 years, but at Stornoway it was the sunniest

November since records began there in 1880. In eastern England many places had only half their average amount of sunshine but parts of north-west England and North Wales recorded 125 per cent of their average.

December Almost everywhere it was dull and especially so in eastern areas. In parts of east Scotland it was the duller December for over 30 years. In sharp contrast, on the coast of North Wales and in the Glasgow area, nearly one and a half times the average sunshine was recorded.

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) Northern Ireland.

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
	Per cent												
a	77	93	109	114	81	95	81	74	91	63	75	85	88
b	91	115	89	114	80	110	87	126	86	76	91	85	97
c	69	137	91	113	84	122	119	144	103	76	80	94	107

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

No.	Station	hr	No.	Station	hr
1	Jersey (St. Helier)	1867.2	6	Swanage	1734.4
2	Guernsey (L'Ancrese)	1821.1	7	Scilly	1727.2
3	Jersey (Gorey Castle)	1801.6	8	Guernsey Airport	1724.1
4	Jersey Airport	1800.5	9	Dale Fort	1723.1
5	Shanklin	1744.8	10	Bognor Regis	1712.3

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

Scotland			Northern Ireland			Wales		
No.	Station	hr	No.	Station	hr	No.	Station	hr
1	Tiree	1557.8	1	Ballyhalbert	1540.1	1	Dale Fort	1723.1
2	West Freugh	1522.8	2	Kilkeel	1515.9	2	Brawdy	1638.8
3	Machrihanish	1520.2	3	Cross Island	1487.7	3	Valley	1599.6

Sunniest station in each month:-

January, Usan 69.4 hours; February, Valley 117.8 hours; March, Swanage 181.7 hours; April, Jersey (Gorey Castle) 238.2 hours; May, Guernsey (L'Ancrese) 251.9 hours; June, Cockle Park 254.9 hours; July, Jersey (St. Helier) 314.7 hours; August, Tiree 267.6 hours; September, Brighton 176.4 hours; October, Bognor Regis 96.0 hours; November, Prabost 78.3 hours; December, Plymouth Hoe 62.3 hours.

Fog

In England and Wales fog at 0900 GMT was slightly less frequent during the summer months, especially during the early summer, than during the spring or autumn. In Scotland fog at this time was less frequent than in England and Wales every month of the year except June. Patches of sea fog in coastal areas, especially during the summer months, were more frequent than usual in 1968.

The following monthly notes all refer to occasions of fog at 0900 GMT unless otherwise stated.

January Fog was widespread during the first week. The 20th-23rd was also a foggy period with fog persisting throughout the 22nd at many places in Scotland.

February A foggy month with fog at 0900 GMT being reported in England and Wales on 20 days and in Scotland on 16 days. Fog was widespread in England and Wales on the 7th, 8th, 19th, 20th and 29th. Many stations in the Midlands reported fog at 0900 GMT on 6 or 7 days, and it was reported from Mansfield on 20 days.

March Fog was less frequent than usual and very localized. However, it was widespread on the 15th in East and south-east England and on the 9th in north-west England.

April Fog, which was mainly confined to the second half of the month, was reported on 18 days in Scotland and on 21 days in England and Wales. Most places had fog on one or two days only, but it was fairly widespread in southern England on the 25th. There was a great deal of sea fog along the south coast on the 22nd and 23rd.

May Over the month as a whole fog at 0900 GMT was reported on 8 days in Scotland and on 13 days in England and Wales. Sea fog affected south and west coasts of the British Isles on the 14th and 15th, and eastern coastal areas during the last week of the month.

June Morning fog, which was reported on 21 days in England and Wales and on 12 days in Scotland, occurred mainly during the first two or three days of the month, around mid-month, and towards the end of the month. Sea fog affected many coastal areas of England and Wales from the 14th until the 17th.

July Fog was reported from one place or another on 10 days in Scotland and on 18 days in England and Wales.

August Fog at 0900 GMT was observed on 10 days in Scotland and on 19 days in England and Wales. It covered a large part of central and southern England on the 11th and was widespread on the 23rd. Sea fog patches affected eastern coastal areas during the first week of the month.

September Fog, which in general occurred at a particular place on only one or two days during the month, was reported from one place or another on 15 days in Scotland and on 10 days in England and Wales mainly during the first three weeks of the month. Patches of sea fog affected the east coast of Scotland and the north-east coast of England from the 5th until the 12th.

October A very mild and foggy month. Fog was observed at one place or another on 18 days in Scotland and on 22 days in England and Wales. In Scotland fog was never widespread but it was fairly widespread in England and Wales on the 22nd and persisted all day in places.

November Early morning fog was reported on only 7 days in Scotland but on 26 days in England and Wales, where many places had fog on 4 or 5 days during the month; at Tredegar and Stone it occurred on 18 and 16 days respectively. It was fairly widespread on the 9th and 28th and persisted throughout each day in parts of the Midlands.

December Morning fog at 0900 GMT was reported on no less than 27 days somewhere in England and Wales. It was widespread during the first week and again around mid-month. In Scotland it was reported on 12 days only and was mostly localized.

Miscellaneous Phenomena

The aurora was more frequently seen during the winter and early spring than during any other time of the year. It was visible in Scotland on 14 nights during February and April, but during the summer months it was not seen at all during June and on only 2 nights in July and 3 nights in May and August. Frequencies during the other months were: 12 nights in March, 9 nights in September, 7 nights in November, 6 nights in October, 5 nights in December and 1 night in January.

The displays were mainly confined to Scotland, but they were seen from Rosslare on 5/6 April and from Kilkenny on 14/15 December; both stations are in south-east Ireland.

TABLE I—DISTRICT VALUES, FOR THE YEAR 1968.

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.	24.4	-8.6	-0.3	-0.6	-0.4	-0.1	0.0	-24	90	100
1 SCOTLAND, E.	25.0	-7.8	-0.7	-0.1	-0.4	0.0	-0.1	-4	102	91
2 ENGLAND, N.E.	29.0	-6.5	-0.6	0.0	-0.3	+0.3	+0.2	0	111	90
3 ENGLAND, E.	31.1	-13.3	-0.7	+0.2	-0.3	+0.1	0.0	+10	115	79
4 MIDLANDS	33.1	-9.4	-0.7	+0.2	-0.2	+0.2	+0.2	+4	119	86
5 ENGLAND, S.E.	32.2	-11.7	-0.5	+0.2	-0.2	-0.3	(-0.2)	+1	107	86
6 SCOTLAND, W.	26.7	-10.2	-0.4	-0.2	-0.3	+0.1	-0.2	-38	91	99
7 ENGLAND, N.W. and N. Wales	26.4	-8.3	-0.3	+0.1	-0.1	+0.2	+0.1	-29	104	98
8 ENGLAND, S.W. and S. Wales	28.3	-12.2	-0.4	0.0	-0.2	0.0	+0.1	-8	104	88
N. IRELAND	26.1	-8.4	0.0	-0.7	-0.3	-	-	-32	96	107
SCOTLAND	26.7	-10.2	-0.4	-0.3	-0.4	-	-	-22	92	97
ENG. and WALES	33.1	-13.3	-0.5	+0.1	-0.2	-	-	-4	108	88

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

TABLE II - SUMMARY OF AUTOGRAPHIC RECORDS OF WIND - THE YEAR 1968

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

YEAR 1968

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		Daily Mean (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN				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	
					Max. (A)	Min. (B)			Maximum	Minimum	30 cm.	122 cm.																			
					0 SCOTLAND, N.																										
Zetland	Hamnavoe ...	9 9	21	9.7	5.4	7.5	-	18.9	-3.9	-	-	919	-	30	2 July	232	155	76	30	20	18	6	4	40	-	38	3.37	-	-		
	Lerwick ...	21-9	82	8.8	4.6	6.7	-0.5	17.0	-6.0	-	-	996	88	31	27 Sept	224	170	91	47	13	64	6	20	69	100	43	2.90	98	-		
Orkney	Baltasound ...	9 9	24	9.7	4.3	7.0	-	18.3	-6.7	7.3	-	1027	90	38	2 Feb	241	183	70	40	6	28	4	10	66	-	30	3.01	-	S		
	Sule Skerry ...	21-9	13	10.0	6.3	8.1	-	17.9	-5.0	-	-	835	-	32	23 June	217	157	35	4	19	3	0	10	18	50	29	-	-	-	-	
Caithness	Stenness ...	9 9	23	10.3	4.8	7.5	-	20.6	-8.9	7.8	7.9	889	88	35	1 Apr	259	167	37	29	0	19	2	3	52	127	21	3.33	-	-		
	Kirkwall ...	21-9	26	9.8	5.1	7.5	-0.4	20.3	-4.9	-	-	896	90	33	7 Oct	211	170	83	23	54	10	4	10	46	100	39	3.04	91	-		
Sutherland	Dounreay ...	9 9	21	11.0	4.5	7.7	-	22.8	-6.1	-	-	777	-	30	23 June	222	158	32	17	10	0	1	12	56	107	15	-	-	-	-	
	Wick ...	21-9	36	9.7	5.0	7.3	-0.6	22.7	-8.6	-	-	741	97	24	23 June	215	147	54	30	5	49	3	18	64	108	11	3.08	87	-		
Ross & Cromarty	Cape Wrath ...	21-9	112	-	5.8	-	-	25.0	-6.0	-	-	856	71	27	26 Mar	209	158	60	17	10	7	0	10	34	75	32	3.67	-	S		
	Achfary ...	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverness	Achany ...	9 9	85	10.9	2.7	6.8	-	24.4	-14.4	7.9	8.0	909	86	28	22 June	231	160	73	50	21	1	2	6	110	199	0	3.41	-	-	-	
	Strathay ...	9 9	37	10.7	3.8	7.3	-0.5	25.0	-8.9	-	-	881	81	34	4 May	246	171	63	26	8	12	5	8	82	-	0	3.12	102	S		
Inverness	Achintoul ...	9 9	137	10.3	2.6	6.5	-	25.6	-13.9	-	-	898	-	30	4 May	228	176	63	63	2	38	4	4	106	175	16	2.93	-	-	-	
	Stornoway ...	21-9	3	11.1	5.1	8.1	-0.4	24.1	-8.6	-	-	790	79	20	11 Oct	217	152	57	7	1	39	6	1	61	103	26	3.88	115	-	-	
Inverness	Balmacara ...	9 9	4	12.1	5.7	8.9	-	26.7	-5.0	-	-	1276	-	45	26 Mar	201	174	21	15	1	1	3	0	47	-	5	-	-	-	-	
	Poolewe ...	9 9	6	12.0	5.8	8.9	-	25.6	-5.0	-	-	1222	82	59	3 July	213	170	26	-	16	4	3	0	45	83	13	3.72	-	S		
Inverness	Rudh Re ...	21-9	16	10.7	6.5	8.6	-	22.0	-3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverpoll ...	9 9	14	-	-	-	-	-	-	-	-	1045	80	41	26 Mar	216	179	-	-	-	-	-	-	-	-	-	-	-	-	-	S
Inverness	Achnashellach ...	9 9	87	11.7	3.8	7.7	-0.4	27.8	-7.2	-	-	1833	89	89	27 Mar	237	192	36	37	2	1	1	0	88	-	3	-	-	-	-	-
	Kinlochewe ...	9 9	23	12.1	3.7	7.9	-0.8	27.8	-7.8	8.8	-	1758	89	159	26 Mar	208	187	34	27	2	12	1	5	93	142	0	2.84	-	S		
Inverness	Fortrose ...	9 9	5	10.7	5.9	8.3	-0.5	20.0	-4.4	-	-	704	109	31	21 Mar	179	125	27	16	0	0	0	8	35	-	5	3.14	90	-	-	
	Tarbatness ...	21-9	18	10.4	5.9	8.1	-0.2	22.0	-6.0	-	-	601	108	22	1 July	189	123	37	4	0	2	1	13	31	-	23	-	-	-	-	
Inverness	Benbecula ...	21-9	6	11.3	5.9	8.6	-0.4	21.2	-5.0	-	-	1000	88	27	16 Jan	214	164	36	6	13	41	5	1	45	115	30	4.09	-	-	-	
	Isle of Rhum ...	9 9	5	12.0	5.3	8.7	-	25.6	-5.0	9.8	9.8	2012	80	81	26 Mar	221	188	28	17	19	22	8	1	47	117	29	-	-	-	-	
Inverness	Prabost ...	9 9	67	11.3	5.1	8.2	-	27.2	-5.0	-	-	1370	75	73	26 Mar	247	179	38	25	2	45	8	4	52	140	50	3.96	-	-	-	
	Duntulm ...	9 9	90	10.7	5.6	8.1	-0.5	22.2	-4.4	-	-	1037	77	43	26 Mar	211	175	43	8	24	0	6	0	26	92	29	3.80	115	S		
Inverness	Onich ...	9 9	15	12.1	4.8	8.5	-0.2	24.4	-6.7	-	-	1590	77	114	26 Mar	243	182	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fort William ...	9 9	8	12.1	4.8	8.5	-	23.9	-7.8	8.8	9.1	1494	-	121	26 Mar	228	171	37	15	0	13	1	2	80	121	12	3.06	-	S		
Inverness	Corpach ...	9 9	8	12.3	5.0	8.7	-	27.2	-6.7	-	-	1691	-	143	26 Mar	219	191	25	11	1	6	0	-	66	144	20	-	-	-	-	-
	Fort Augustus ...	9 9	21	11.4	4.5	7.9	-0.4	26.1	-9.4	-	-	996	-	51	26 Mar	219	155	20	24	0	1	0	9	89	-	5	2.98	-	S		
Inverness	Inverness ...	9 9	4	11.5	4.8	8.1	-	22.8	-7.8	-	-	716	108	35	5 May	165	131	28	22	1	0	0	8	72	117	5	3.27	-	-	-	-
	Coire Cas Shieling ...	9 9	762	6.9	1.6	4.3	-	23.3	-12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Inverness	Cairngorm ...	9 9	1090	3.9	-0.9	1.5	-	20.0	-15.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Achnagoichan ...	9 9	305	10.3	-	-	-	26.7	-12.2	6.9	-	967	108	47	30 Oct	200	161	-	-	-	-	-	-	-	-	-	-	-	-	-	S
Inverness	Glenmore Lodge ...	9 9	341	10.1	1.9	6.0	-0.5	26.1	-14.5	-	-	1054	104	45	5 May	212	163	-	-	-	-	-	-	-	-	-	-	-	-	-	S
1 SCOTLAND, E.																															
Nairn	Nairn ...	9 9	6	10.9	4.4	7.7	-0.8	23.3	-8.9	-	-	680	107	23	21 Mar	202	127	34	21	0	9	2	7	73	134	12	3.21	90	-	-	
	Grantown-on-Spey ...	9 9	229	10.4	1.8	6.1	-	26.7	-16.1	-	-	795	-	33	5 May	212	154	65	73	6	6	3	11	126	196	0	-	-	-	-	
Moray	Forres ...	9 9	47	10.9	4.6	7.7	-0.8	23.3	-7.8	8.5	8.6	690	110	26	5 May	197	120	32	38	6	0	2	5	76	120	2	3.31	90	-	-	
	Kinloss ...	21-9	5	11.3	4.5	7.9	-0.5	23.8	-8.1	8.2	-	695	113	25	5 May	197	123	52	24	3	40	5	5	82	127	16	3.42	-	-	-	
Banff	Elgin ...	9 9	15	-	4.3	-	-	-	-8.9	-	-	766	116	32	7 July	176	146	25	28	0	0	0	2	72	134	2	3.76	-	-	-	-
	Lossiemouth ...	9 9	6	11.0	4.1	7.5	-0.8	23.9	-8.3	-	-	661	104	24	15 July	179	142	50	16	18	9	4	7	82	163	11	-	-	-	-	
Aberdeen	Gordon Castle ...	9 9	32	11.5	4.7	8.1	-0.5	25.0	-6.1	-	-	735	98	29	4 May	182	133	29	31	12	0	2	-	53	-	5	3.53	100	-	-	-
	Banff ...	9 9	24	10.9	5.5	8.2	-	25.0	-5.0	-	-	646	-	24	23 June	203	143	36	16	9	1	3	7	49	-	18	3.23	-	-	-	-
Aberdeen	Braemar ...	9 9	339	9.9	2.1	6.0	-0.5	25.0	-18.3	-	-	802	87	22	27 Sept	212	156	-	-	-	-	-	-	117	148	-	3.06	-	-	-	S
	Balmoral ...	9 9	283	9.9	1.9	5.9	-0.7	25.0	-15.6	-	-	858	102	35	31 Jan	204	135	53	83	0	0	1	-	122	165	0	-	-	-	-	-
Aberdeen	Dinnet ...	9 9	177	11.0	3.1	7.1	-	26.1	-12.8	7.7	-	851	-	30	22 Sept	175	133	-	-	-	-	-	-	2	92	171	-	3.45	-	-	S
	Inverurie Swge. Wks.	9 9	54	10.9	3.7	7.3	-	23.9	-13.9	-	-	765	-	29	4 May	189	135	50	35	0	0	3	5	81	138	0	3.29	-	-	-	-
Aberdeen	Fyvie Castle ...	9 9	66	-	-	-	-	-	-	-	-	854	97	44	5 May	199	166	58	56	12	0	5	-	-	-	-</					

TABLE III (continued)

DISTRICT, COUNTY AND PLACE		Max. 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		Daily Mean (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN				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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					Max. (A)	Min. (B)			Maximum	Minimum	Amount (mm.)	Date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
																															30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1 SCOTLAND, E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	

TABLE III (continued)

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		Daily Mean (Mean of A & B)	Difference from 1911-60 average	HIGHEST MAX AND LOWEST MIN				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 1911-60 average	Exposure
					Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm.)	Date														
					Max. (A)	Min. (B)	Maximum	Minimum	30 cm.	122 cm.	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				
6b	ISLE OF MAN																													
	Ronaldsway ...	21-9	17	12.1	7.0	9.5	-	23.4	-3.5	-	-	1052	121	71	31 Oct	168	130	24	0	5	14	5	5	30	64	14	4.18	-	-	
	Douglas ...	9 9	87	-	6.5	-	-	23.9	-3.3	-	-	1311	114	92	2 July	169	136	9	3	11	0	6	7	23	-	32	4.26	98	-	
	Point of Ayre ...	21-9	9	12.2	6.9	9.5	-	23.1	-4.2	-	-	911	110	70	2 July	159	125	19	0	5	0	4	4	18	-	51	4.28	-	-	
2	ENGLAND, N.E.																													
Northumberland	Kielder Castle ...	9 9	201	10.8	3.1	7.0	-	23.9	-10.6	8.5	-	1218	97	70	23 Mar	199	154	42	48	3	5	5	69	105	145	2	-	-	-	
	Haydon Bridge ...	9 9	79	11.9	4.2	8.1	-	26.1	-10.0	9.4	9.5	830	-	32	31 Oct	185	136	34	26	1	0	5	13	93	130	3	-	-	-	
	Corbridge ...	9 9	49	12.1	4.5	8.3	-	27.2	-8.3	-	-	739	-	40	12 Sept	170	125	28	12	1	6	7	21	79	108	1	-	-	-	
	Berwick-on-Tweed †	9 9	23	10.9	5.6	8.3	-0.3	25.0	-5.0	-	-	599	101	25	22 June	184	122	31	5	12	1	4	13	52	-	6	3.59	91	-	
	Cockle Park ...	9 9	99	-	-	-	-	-	-6.1	-	-	-	771	106	57	12 Sept	200	133	-	-	-	-	-	-	-	-	-	-	-	
Durham	Acklington ¶	21-9	42	11.2	5.0	8.1	-0.3	25.0	-6.0	-	-	596	89	32	31 Oct	173	117	47	12	2	27	5	19	62	86	16	3.57	-	S	
	Tynemouth §	21-9	29	10.8	6.6	8.7	-0.5	25.5	-4.5	-	-	729	108	34	31 Oct	170	122	43	5	15	2	11	17	37	80	16	3.37	93	-	
	Seahouses ...	21-9	11	10.9	5.9	8.4	-	24.6	-4.3	-	-	574	-	37	31 Oct	169	111	31	3	14	2	4	21	41	86	22	(3.58)	-	-	
	Chopwellwood ...	9 9	136	11.4	(4.8)	(8.1)	(-0.5)	26.1	-6.1	-	-	827	112	37	18 Dec	197	134	-	31	-	-	-	-	76	-	-	-	-	-	
	Ushaw College ...	9 9	181	-	(4.5)	-	-	25.6	-5.6	-	-	839	113	39	18 Dec	173	122	-	-	-	-	-	-	75	-	-	-	-	-	
Yorks., N. Riding	Houghall ...	9 9	37	12.4	4.9	8.7	+0.1	26.7	-10.0	-	-	750	106	30	12 Sept	192	127	23	18	4	10	6	12	76	126	1	-	-	-	
	Durham ¶§€	9 9	102	11.9	(4.7)	(8.3)	(-0.4)	26.1	-6.1	9.2	9.4	742	111	28	12 Sept	181	125	-	21	-	-	-	35	74	112	-	(3.17)	(87)	S	
	Hartlepool ...	9 9	9	12.1	6.4	9.3	-	27.2	-3.9	-	-	746	120	35	31 Oct	184	128	17	9	4	0	4	20	43	-	4	3.13	-	-	
	Thirsk ...	9 9	34	12.5	5.2	8.9	-	28.1	-7.8	-	-	693	-	27	31 Oct	170	116	34	19	3	2	18	22	68	106	7	-	-	-	
	Leeming ...	21-9	32	12.4	5.7	9.1	-	27.7	-6.0	-	-	683	-	38	2 July	162	117	44	19	6	7	11	16	79	104	5	3.34	-	-	
Lincoln	York (Heslington)	9 9	20	12.4	5.8	9.1	-	27.2	-4.4	9.6	9.8	619	-	21	11,20 Sept	165	118	-	14	-	-	-	34	56	87	-	-	-	-	
	Ampleforth ...	9 9	95	11.8	5.3	8.6	-0.2	26.1	-5.6	-	-	683	90	23	20 Sept	173	128	24	-	1	1	12	36	69	121	2	-	-	-	
	Redcar ...	9 9	8	12.2	(6.3)	(9.3)	-	28.3	-3.9	-	-	701	115	34	31 Oct	197	125	-	8	-	-	-	8	38	-	-	3.31	-	-	
	Pickering ...	9 9	44	12.3	4.8	8.5	-	27.3	-10.4	-	-	755	-	26	6 May	188	118	28	22	5	14	2	8	78	119	1	-	-	-	
	Whitby ...	9 9	41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yorks., E. Riding	Scarborough ...	9 9	36	11.9	-	-	-	26.1	-3.3	10.7	10.2	665	103	26	20 Sept	162	124	-	-	-	-	-	19	-	-	-	3.49	91	-	
	Silpho Moor ...	9 9	203	11.1	(4.4)	(7.7)	-	26.1	-6.1	(8.1)	-	979	115	39	1 Nov	235	150	24	26	6	2	5	56	85	-	2	(3.72)	-	-	
	Whitby C'Guard	21-9	63	11.0	-	-	-	26.7	-5.6	-	-	531	-	32	15 July	168	97	21	4	8	1	2	19	-	-	33	-	-	-	
	High Mowthorpe	9 9	175	10.9	-	-	-	26.7	-5.6	8.6	-	-	-	-	-	-	-	-	-	-	-	-	36	-	112	-	3.25	-	-	
	Hull ... ¶§€	9 9	2	12.8	6.5	9.7	-0.2	28.9	-3.9	10.0	10.3	796	123	70	11 Sept	177	125	25	15	6	0	17	14	50	93	6	3.32	90	-	
Suffolk	Leconfield ...	21-9	7	12.3	6.0	9.1	-	26.9	-7.6	-	-	701	-	30	6 May	177	122	35	10	2	19	19	-	57	-	2	3.43	-	-	
	Filey ...	9 9	37	11.3	(5.7)	(8.5)	-	24.4	-5.6	-	-	685	100	33	6 May	182	124	15	-	11	8	5	14	55	74	2	3.52	-	-	
	Bridlington ¶§	9 9	48	11.3	5.6	8.5	-0.3	23.9	-4.4	-	-	752	108	25	14 July	206	135	23	10	6	15	11	22	45	79	23	3.70	90	-	
	Kilnsea ...	21-9	12	11.0	6.6	(8.8)	-	22.0	-4.0	-	-	622	-	41	10 July	164	114	24	8	5	4	14	26	37	-	41	3.63	-	-	
	Lincoln ... €	9 9	7	12.8	5.2	9.0	-	29.4	-11.7	-	9.8	631	105	47	10 July	184	114	9	10	0	0	10	18	78	117	4	3.58	-	S	
Cambridge	Cranwell ¶§€	9 9	62	12.4	5.5	8.9	-0.5	29.0	-6.5	9.9	10.1	726	122	69	10 July	152	112	19	12	3	2	14	24	60	108	3	3.58	88	-	
	Brigg ...	9 9	3	13.0	5.5	9.3	-	29.4	-5.6	-	-	731	-	52	10 July	178	117	22	14	3	0	22	18	63	114	4	-	-	-	
	Caistor ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Cleethorpes ...	9 9	7	-	6.7	-	-	-	-8.3	-	-	-	645	109	47	10 July	152	114	-	13	-	-	-	34	86	-	3.22	78	-	-
	Manby ...	21-9	17	12.4	6.0	9.2	-	28.7	-8.1	10.5	-	754	130	94	10 July	175	120	34	12	2	15	22	19	57	111	5	3.66	-	-	
3	ENGLAND, E.																													
Norfolk	Skegness ...	9 9	5	-	(6.3)	-	-	25.6	-5.0	-	-	716	126	38	10 July	169	127	-	-	-	-	-	9	51	87	-	3.82	91	-	-
	Terrington St. Cl.	9 9	4	12.6	5.9	9.3	-	30.0	-7.2	10.0	-	647	125	61	10 July	181	120	10	12	0	1	9	16	64	103	2	3.43	-	-	
	Santon Downham	9 9	24	13.3	4.7	9.0	-	30.6	-12.2	9.9	9.8	715	107	36	10 July	186	132	-	15	-	-	-	87	141	-	(2.94)	-	-	-	
	East Dereham ...	9 9	53	13.1	(5.9)	(9.5)	-	30.7	-14.2	-	-	777	-	38	15 Sept	192	134	29	18	9	6	30	62	54	79	17	-	-	-	
	West Raynham ...	21-9	76	12.1	5.7	8.9	-0.4	29.5	-9.7	-	-	838	117	47	10 July	200	139	37	17	7	19	27	25	62	96	3	3.42	79	-	

TABLE III (continued)

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		Daily Mean (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	Total fall (mm.)	Percentage of 1931-60 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 below 0°C	Grass min. below 0°C	Gale	Daily Mean (hr.)	Percentage of 1931-60 average	Exposure	
					Max. (A)	Min. (B)			Maximum	Minimum					Amount (mm.)	Date															
4 MIDLAND COUNTIES																															
Yorks.	Slaidburn ...	99	192	(11.2)	(4.7)	(7.9)	-	24.4	-7.2	-	-	1530	97	54	19 Mar	202	157	19	21	1	4	1	19	86	125	1	3.50	-	-		
W. Riding	Malham Tarn ...	99	395	(9.6)	(3.9)	(6.7)	-	23.3	-7.2	8.2	-	1534	100	47	19 Mar	195	157	38	41	3	0	6	36	87	140	2	3.05	-	-		
	Huddersfield §	99	99	12.3	5.7	8.9	-	26.7	-9.4	9.5	9.6	958	121	42	20 Sept	181	142	-	13	-	-	-	30	47	-	-	2.65	85	-	-	
	Oakes	21-9	235	11.5	5.3	8.4	-	27.5	-5.5	8.9	8.7	1217	127	59	20 Sept	221	165	35	24	4	14	28	31	65	112	21	2.89	85	-	-	
	Bradford ¶	99	134	11.7	5.8	8.7	-0.2	26.7	-7.2	9.3	9.5	1046	123	51	19 Mar	204	150	34	20	13	9	13	28	61	105	8	-	-	S		
	Ilkley ...	99	96	-	-	-	-	-	-	-	-	1039	109	39	20 Sept	160	142	38	22	6	2	7	-	-	-	-	3.07	88	-	-	
	Sheffield ...	99	131	(12.5)	(6.1)	(9.3)	(-0.3)	27.2	-3.9	-	9.9	876	112	44	14 July	179	141	28	13	0	1	6	-	52	81	0	2.70	80	-	-	
	Pontefract ...	99	78	12.2	(5.8)	(9.0)	(-0.2)	26.7	-5.0	-	-	646	107	28	1 Nov	177	126	22	13	1	1	12	35	48	75	1	-	-	-	-	
	Bramham ...	99	54	12.3	5.0	8.7	-	27.2	-5.6	-	-	794	118	41	11 Sept	178	126	15	11	2	2	5	32	70	99	3	3.11	-	-	-	
	Cawood ...	99	6	12.6	(5.4)	(9.0)	-	27.2	-6.1	9.8	9.9	694	110	39	11 Sept	160	113	10	10	0	0	8	13	71	114	7	3.19	-	-	-	
	Askham Bryan ...	99	34	(12.5)	(5.3)	(8.9)	-	27.8	-5.6	-	-	692	105	62	11 Sept	172	109	15	11	0	0	4	34	65	100	2	(3.30)	(92)	-	-	
Derby	Buxton ... €	99	307	10.4	4.8	7.6	-0.2	25.0	-8.9	8.4	8.7	1295	105	57	20 Sept	199	159	38	47	4	0	3	70	70	90	5	-	-	-	-	
	Ashover ...	99	186	11.5	5.2	8.3	-	26.1	-7.8	-	-	866	-	32	14 July	188	138	42	28	1	2	8	50	66	113	11	3.21	-	-	-	
	Derby ...	99	48	13.1	6.3	9.7	-	29.4	-8.3	-	-	705	96	36	7 July	163	125	19	9	0	2	8	19	47	80	7	3.12	-	-	-	
	Morley ...	99	107	(12.3)	(5.6)	(8.9)	-	28.3	-7.2	-	-	714	95	36	7 July	167	131	-	-	-	-	-	-	64	91	-	-	-	-	-	
Nottingham	Sutton Bonington	99	48	12.9	-	-	-	29.4	-8.3	10.1	10.1	671	115	55	10 July	182	126	23	13	3	3	9	9	-	118	1	3.10	85	-	-	
	Watnall ...	21-9	118	12.6	5.9	9.3	0.0	30.7	-5.8	-	-	721	104	37	10 July	172	117	39	9	9	10	16	32	63	102	1	2.86	78	-	-	
	Mansfield	99	110	12.0	5.1	8.5	-0.8	28.9	-7.8	9.5	-	857	123	61	14 July	171	127	16	14	2	0	11	98	72	-	0	-	-	-	-	
	Nottingham ¶§	99	59	12.9	6.5	9.7	-0.1	29.4	-5.0	9.7	10.0	611	99	51	10 July	160	111	11	10	2	0	10	20	43	84	1	2.96	88	-	-	
	Warsop ...	99	46	12.7	4.9	8.8	-	28.9	-10.0	-	-	783	133	52	14 July	172	130	-	7	-	-	-	26	-	134	-	-	3.31	-	-	
	Finningley ...	21-9	10	13.1	6.3	9.7	0.0	27.9	-6.2	-	-	705	-	54	14 July	171	120	27	11	2	2	15	26	52	79	6	3.29	-	-	-	
Leicester	Newtown Linford	99	119	12.3	5.2	8.7	-	30.0	-6.7	-	-	716	104	64	10 July	172	123	22	13	4	2	16	17	64	116	0	2.96	-	-	-	
	Caldecott ...	99	53	13.1	5.1	9.1	-	31.1	-10.0	-	-	688	119	56	10 July	151	111	-	8	-	-	-	21	85	103	-	3.08	-	-	-	
Northampton	Bugbrooke Mills	99	69	-	(5.1)	-	-	-	-	-	(10.7)	686	114	63	10 July	155	121	-	15	-	-	-	-	-	-	-	-	(3.27)	-	-	
	Raunds ... ¶§€	99	59	12.9	5.5	9.2	-0.3	33.1	-9.4	10.4	10.3	772	133	101	10 July	177	120	-	9	-	-	-	23	74	105	2	3.03	81	-	-	
	Wittering ...	99	65	12.6	6.0	9.3	-0.3	30.4	-7.1	-	-	748	129	79	10 July	162	114	36	9	4	9	21	29	58	101	4	3.63	-	-	-	
Warwick	Birmingham K.E.S.**	99	137	12.6	5.9	9.3	-	27.8	-6.1	-	-	884	115	56	10 July	184	135	20	18	3	5	15	55	-	1	-	-	-	-	-	
	Edgbaston ...	21-9	163	12.1	6.5	9.3	-0.3	27.2	-6.2	9.0	9.7	906	116	61	10 July	192	129	40	24	12	10	21	24	46	95	0	3.12	88	-	-	
	Luddington ...	99	56	-	-	-	-	30.0	-	-	-	734	-	72	10 July	165	122	-	-	-	-	-	-	-	-	-	-	-	(3.33)	-	-
	Stratford on Avon	99	49	13.3	5.1	9.2	-	30.0	-12.2	10.6	-	731	120	69	10 July	168	128	14	15	1	4	14	14	74	114	0	2.99	-	-	-	
	Elmdon ...	21-9	99	12.5	5.7	9.1	-	28.2	-9.4	-	-	755	111	54	10 July	168	115	36	18	7	12	19	21	73	113	4	3.19	-	-	-	
	Shipston on Stour	99	111	12.5	5.6	9.1	-	29.4	-8.3	9.8	-	837	124	102	10 July	187	132	23	19	9	0	16	27	64	129	10	3.45	-	-	-	
	Wellesbourne ...	99	47	-	-	-	-	-	-	-	-	691	109	75	10 July	156	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Coventry ...	99	107	-	(5.9)	-	-	27.2	-6.7	(9.7)	-	(742)	-	53	10 July	134	122	-	-	-	-	-	-	51	-	-	-	-	-	-	S
	Moreton Morrell	99	85	12.8	5.7	9.3	-	30.6	-10.6	-	-	755	118	92	10 July	174	130	19	15	0	7	11	31	63	108	4	3.35	-	-	S	
Oxford	Brize Norton ...	21-9	84	12.8	6.1	9.5	-	31.1	-9.1	-	-	752	-	71	10 July	165	123	29	15	4	12	13	17	58	109	1	-	-	-	-	
	Oxford ¶§€	99	63	(13.1)	(6.6)	(9.9)	(-0.2)	31.7	-7.2	10.5	10.6	812	124	88	10 July	176	130	16	15	0	2	12	16	50	100	1	(3.62)	(88)	-	-	
Buckingham	Medmenham	99	30	13.7	5.0	9.3	-	31.7	-11.7	-	-	657	-	49	15 Sept	174	124	-	-	-	-	-	-	68	136	-	-	-	-	-	
	Grendon Underwood	99	67	13.1	5.0	9.1	-	31.1	-13.9	10.5	10.6	754	-	70	10 July	181	127	-	9	7	1	0	2	-	76	118	0	3.49	-	-	S
	Aylesbury ...	99	96	12.8	5.7	9.3	-	31.7	-12.2	-	-	729	111	40	10 July	157	123	23	13	9	1	10	45	71	107	2	3.34	-	-	S	
	Bletchley ...	99	86	-	-	-	-	-	-	-	-	802	-	63	10 July	179	124	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stafford	Keele ...	99	179	11.7	5.4	8.5	-	25.0	-8.3	9.2	9.3	777	97	28	1 July	192	139	32	26	2	9	20	23	68	-	0	2.77	-	-	-	
	Oaken ...	99	125	12.4	4.9	8.7	-	27.2	-9.4	9.7	-	846	-	32	5 Feb	172	143	-	-	-	-	-	-	73	136	-	-	-	-	-	
	Stone ...	99	107	12.2	4.9	8.5	-	25.6	-10.0	-	-	763	103	39	1 July	168	135	-	-	-	-	-	-	67	74	-	-	-	-	-	
	Penkridge ...	99	101	(12.5)	(5.2)	(8.9)	-	27.2	-11.7	-	-	753	107	28	25 May	171	137	-	-	-	-	-									

TABLE III (continued)

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		Daily Mean (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN				Total fall (mm.)	Percentage of 1916-30 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
					Max. (A)	Min. (B)			Maximum	Minimum	Amount (mm.)	Date			0.2 mm. or more	1.0 mm. or more	Snow or Sleet																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																		30 cm.	122 cm.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
5 Kent	ENGLAND, S.E.—cont.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		

* Seed Trial Grounds

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

TABLE III (continued)

DISTRICT, COUNTY AND PLACE		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		Daily Mean (Mean of A & B)	Difference from 1931-60 average	HIGHEST MAX AND LOWEST MIN			Total fall (mm.)	Percentage of 1916-30 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			
				Max. (A)	Min. (B)			Maximum	Minimum	Amount (mm.)			Date																		
														30 cm.															122 cm.		
7a ENGLAND, N.W.—cont.																															
Lancashire	Garstang	99	21	12.5	(5.6)	(9.1)	-	25.0	-7.8	-	-	(969)	101	44	19 Aug	161	129	-	4	-	-	-	9	66	104	-	(3.77)	-	-		
	Bailrigg	99	50	12.3	5.7	(9.0)	-	24.5	-6.8	-	-	998	-	44	19 Aug	177	138	-	1	-	-	-	6	63	110	-	3.79	-	-		
	Morecambe	99	7	12.5	6.9	9.7	0.0	26.1	-6.1	-	-	1010	104	41	2 July	175	138	-	5	-	-	-	5	41	-	-	3.95	98	-		
	Preston	99	33	12.6	6.0	9.3	-	26.1	-9.4	-	-	1061	106	72	20 Sept	180	142	23	10	0	13	18	37	60	89	1	-	-	-		
	Bolton	99	107	11.9	5.7	8.8	-	26.1	-6.7	9.2	-	1349	-	70	20 Sept	167	147	-	-	-	-	12	108	-	3.21	-	-	-	-		
	Stonyhurst	99	115	12.1	-	-	-	26.1	-8.3	-	-	1311	108	82	20 Sept	172	147	-	-	-	-	-	65	-	-	-	-	-	-	-	
	Manchester/W. Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Helmshore	99	260	10.7	(5.1)	(7.9)	-	23.9	-8.3	(8.7)	-	1715	111	88	20 Sept	181	154	-	30	-	-	-	32	56	119	-	3.13	-	-	-	
	Burnley	99	200	11.6	5.0	8.3	-	25.6	-10.6	8.7	8.7	1351	-	74	20 Sept	229	162	20	17	3	4	8	17	76	113	8	-	-	-	-	
	Nelson	99	165	11.3	5.3	8.3	-	25.7	-9.4	9.1	9.0	1315	116	74	20 Sept	179	144	-	18	-	-	-	21	71	-	-	3.09	-	-	-	-
Cheshire	Rochdale	99	110	12.3	5.5	8.9	-	26.7	-8.3	-	-	1348	117	66	20 Sept	189	157	-	9	7	0	13	22	62	100	7	-	-	-	S	
	West Kirby Park	99	8	13.2	6.6	9.9	-	27.2	-7.2	-	-	709	-	36	5 Feb	160	124	-	-	-	-	-	39	76	-	4.15	-	-	-	-	
	Bidston	99	60	11.9	7.0	9.5	-0.1	25.6	-3.3	-	-	770	104	45	15 Aug	160	133	-	-	-	-	13	28	53	-	3.88	99	-	-	-	
	Ness Gardens	99	55	12.8	6.0	9.4	-	27.2	-6.7	-	-	692	-	43	25 May	162	126	-	-	-	-	-	49	99	-	-	-	-	-	-	
	Winnington	99	20	13.4	6.5	9.9	-	26.7	-6.1	-	-	829	108	61	1 July	168	122	16	11	4	1	10	28	41	81	7	-	-	-	-	
	Knutsford	99	65	-	5.6	-	-	27.3	-7.1	10.0	10.3	889	106	41	1 July	183	134	-	23	-	-	-	69	-	-	-	-	-	-	-	-
	Ringway	99	76	12.5	6.4	9.5	+0.1	26.4	-7.6	-	-	814	101	47	1 July	173	128	37	11	7	6	15	14	56	82	1	3.53	102	-	-	-
	Macclesfield	99	162	12.0	(5.7)	(8.9)	-0.1	26.1	-7.8	-	-	931	101	29	20 Sept	190	146	36	19	5	3	11	10	63	-	3	-	-	-	-	
	7b NORTH WALES																														
Flint	Rhyl	99	9	12.7	6.8	9.7	-0.4	26.1	-6.7	-	-	681	101	27	25 May	158	121	21	6	3	8	9	6	30	25	5	3.98	98	-	-	-
	Prestatyn	99	4	12.8	(6.8)	(9.8)	-	26.7	-5.6	-	-	684	94	25	2 July	168	126	10	7	5	0	8	1	33	-	6	3.91	102	-	-	-
	Hawarden Bridge	99	5	13.2	(6.3)	(9.7)	-0.3	26.7	-7.8	-	-	668	96	35	25 May	167	115	-	12	-	-	-	15	46	-	-	-	-	-	-	-
Anglesey	Valley	99	10	12.7	7.4	10.1	-0.1	24.1	-4.8	-	-	815	95	34	2 July	165	130	17	2	16	0	8	2	25	71	29	4.37	100	-	-	-
Denbigh	Colwyn Bay	99	36	12.5	7.0	9.7	-0.6	25.6	-5.0	10.6	-	(860)	(115)	43	2 July	169	(128)	14	4	4	2	6	0	29	-	1	4.19	103	-	-	-
	Alwen	99	385	10.6	3.1	6.9	-	24.4	-13.3	-	-	1361	108	44	19 Mar	203	170	-	-	-	-	-	108	138	-	-	-	-	-	-	-
	Ruthin	99	78	12.5	(5.3)	(8.9)	-	26.7	-10.0	-	-	753	-	28	25 May	182	134	-	7	-	-	-	3	69	-	-	(3.49)	-	-	-	-
Caernarvon	Loggerheads	99	210	11.6	(4.7)	(8.1)	-	26.1	-13.3	8.7	9.2	806	-	27	22 July	182	146	33	-	1	3	11	23	76	92	3	(3.22)	-	-	-	-
	Bwlchgwyn	99	386	-	(4.3)	-	-	24.4	-8.9	7.8	-	1085	99	49	25 May	199	162	-	38	-	-	-	36	95	117	-	-	-	-	-	-
	Bardsey Island	21-9	18	-	8.7	-	-	21.0	-1.0	-	-	791	-	34	1 July	145	118	-	1	-	-	-	13	5	27	-	-	-	-	-	-
Montgomery	Botwnnog	99	34	12.7	6.7	9.7	-	23.9	-4.4	11.3	11.1	930	-	37	1 July	165	134	15	2	6	2	5	4	26	89	10	(4.31)	-	-	-	-
	Bryn Adda	99	84	12.9	(6.5)	(9.7)	-	24.4	-4.4	-	-	1023	86	45	19 Aug	175	143	16	9	1	8	7	6	41	148	9	(4.19)	-	-	-	-
	Aber	99	18	13.1	6.8	(9.9)	0.5	26.7	-3.9	-	-	1129	107	45	2 July	191	148	20	5	16	0	8	2	25	92	6	3.49	93	S	-	-
Pembroke	Corwen	99	144	12.3	4.5	8.4	-	26.1	-13.9	-	-	1035	96	36	19 Mar	190	155	26	19	1	5	7	-	83	128	1	-	-	-	-	S
	Ceirws	99	61	13.2	(4.9)	(9.1)	-	26.7	-9.4	-	-	2034	-	71	19 Aug	(186)	(168)	-	-	-	-	-	68	125	-	-	-	-	-	-	-
	Lake Vyrnwy	99	303	10.7	4.5	7.6	-	23.9	-7.2	8.6	-	1737	105	64	23 Mar	220	168	32	31	4	2	12	16	73	118	7	-	-	-	-	-
8a SOUTH WALES																															
Cardigan	Aberporth	21-9	133	11.7	7.0	9.3	-0.5	24.0	-5.6	-	-	809	78	33	29 Apr	175	129	20	1	5	17	7	12	27	64	21	4.23	-	-	-	-
	Aberystwyth	99	138	12.2	6.0	9.1	-0.5	25.0	-6.7	-	-	952	90	33	1 July	193	144	16	6	2	3	11	14	50	108	1	3.78	95	S	-	-
	Frongoch	99	31	13.1	6.0	9.5	-	26.1	-7.8	-	-	965	94	36	8 Jan	192	146	9	4	5	0	4	3	61	111	2	3.79	-	-	-	-
Pembrokeshire	Gogerddan	99	165	12.5	(5.5)	(9.0)	-	25.6	-7.8	-	-	1119	85	41	12 May	193	159	-	6	-	-	-	-	66	118	-	3.73	-	-	-	-
	Swyddffynnon	99	61	13.0	(5.4)	(9.2)	-	26.1	-11.1	(10.6)	-	1004	84	38	8 Jan	167	149	-	0	-	-	-	0	(67)	(113)	-	(3.67)	-	-	-	S
	Trawcoed	99	290	11.0	5.6	8.3	-	23.9	-7.2	-	-	1179	82	31	12 May	183	156	14	11	5	0	5	21	57	111	5	3.50	97	-	-	-
Carmarthen	Llety-evan-hen	99	301	-	(4.8)	-	-	23.9	-9.4	-	-	1513	-	39	12 May	175	166	-	-	-	-	-	83	-	-	-	-	-	-	-	-
	Cwmystwyth	99	33	13.1	(7.7)	(10.4)	-	26.1	-2.8	-	-	854	-	53	24 Dec	158	122	6	-	7	2	3	6	12	46	16	4.71	-	-	-	-
	Dale Fort	99	110	12.1	6.2	9.1	-	22.8	-6.1	-	-	1140	98	42	29 Apr	167	141	11	4	4	9	10	18	41	83	25	4.48	-	-	-	-
Carmarthen	Milford Haven C.B.	99	61	-	(6.7)	-	-	24.4	-6.1	(10.7)	-	1096	-	52	8 Jan	(179)	(138)	-	-	-	-	-	43	95	-	-	-	-	-	-	-
	Brawdy	99	15	13.5	(5.8)	(9.7)	-	25.0	-6.7	11.1	-	1298	-	37	1 July	194	154	10	4	7	1	2	6	74	112	16	4.20	-	-	-	-
	Orielton	99	235	-	4.8	-	-	25.6	-12.2	9.5	-	1069	104	38	23 Mar	175	153	23	20	2	0	6	4	83	-	0	3.03	86	S	-	-
Radnor	Llandrindod Wells	99	262	11.5	4.8	8.1	-	24.4	-8.3	-	-	1752	-	77	23 Mar	220	166	-	18	-	-	-	27	81	-	-	-	-	-	-	-
	Liwynon	99	36	12.2	8.0	10.1	-	24.4	-4.0	-	-	-	-	-	-	-	6	0	-	-	-	6	20	52	39	-	-	-	-	-	
	Mumbles	99	8	13.4	7.8	10.6	-0.3	25.6	-3.9	11.4	12.2	1111	102	37	8 Jan	188	144	3	-	3	1	3	3	26	-	0	-	-	-	-	-
Glamorgan	Swansea	99	62	13.2	7.																										

TABLE III (continued)

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			Difference from 1911-60 average	HIGHEST MAX AND LOWEST MIN		30 cm.	122 cm.	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 below 0°C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure				
				Max. (A)	Min. (B)	Daily Mean (Mean of A & B)		Maximum	Minimum					Amount (mm.)	Date																
8b ENGLAND, S.W.—cont.																															
Devon	Plymouth, The Hoe	9 9	36	13.8	(7.7)	10.7	(-0.3)	26.1	-3.3	11.7	-	1120	117	42	27 June	190	145	6	0	4	0	5	8	24	-	10	4.21	92	-		
		9 9	139	13.5	(6.1)	(9.8)	(-0.3)	27.2	-5.0	-	-	1339	100	56	10 July	212	167	12	1	13	1	9	3	48	122	5	-	-	-		
—cont.	Tavistock	21-9	6	13.6	7.8	10.7	-0.4	28.0	-4.3	-	-	920	101	48	24 Dec	163	134	9	1	6	11	7	2	29	67	5	4.20	-	-		
	Chivenor	9 9	8	13.2	(8.3)	10.7	(-0.4)	25.6	-2.2	-	-	1079	111	40	8 Jan	156	130	3	0	0	4	4	1	10	44	4	4.31	97	-		
Cornwall	Ilfracombe	9 9	37	13.9	6.2	10.1	-	25.6	-5.6	11.5	11.3	1288	108	41	27 June	187	150	4	0	3	9	14	2	45	91	5	(3.95)	-	-		
	Totnes	9 9	32	13.4	7.6	10.5	-	23.9	-3.3	-	-	1121	-	30	27 June	175	146	-	-	-	-	-	7	14	-	-	-	-	-		
	Slapton	9 9	83	13.3	(6.8)	(10.1)	(-0.3)	25.6	-3.9	-	-	1139	113	37	9 Dec	182	147	6	0	3	0	7	5	42	73	0	4.34	99	-		
	Newton Abbot	9 9	8	13.8	8.0	10.9	0.0	25.4	-3.7	-	11.9	1029	116	38	10 July	176	143	6	0	2	0	7	6	25	48	15	4.49	94	-		
	Torbay (Torquay)	9 9	6	13.8	8.0	10.9	-0.2	25.0	-2.2	-	-	887	105	53	10 July	174	135	3	0	0	0	3	5	20	-	6	4.39	94	-		
	Teignmouth	9 9	9	13.6	6.9	10.3	-	26.1	-3.9	11.3	-	942	109	43	10 July	173	135	5	1	2	0	11	13	42	77	7	(4.07)	-	-		
	Starcross	21-9	32	13.5	6.9	10.2	-	27.5	-5.0	-	-	838	99	39	10 July	167	130	12	1	4	6	11	5	45	94	4	3.63	-	-		
	Exeter	9 9	8	13.4	(7.2)	(10.3)	(-0.2)	25.6	-4.4	-	-	(852)	109	65	10 July	(153)	(119)	-	1	-	-	-	-	41	73	-	-	-	-		
	Sidmouth	21-9	48	13.7	9.4	11.5	0.0	23.0	-0.2	-	-	1020	123	43	13 Sept	180	146	1	0	10	3	14	-	1	9	13	4.72	98	-		
	Scilly	9 9	19	14.1	8.1	11.1	-0.4	23.9	-2.2	-	-	1126	107	27	27 June	197	160	4	0	13	5	2	2	18	-	14	4.59	98	-		
	Penzance	9 9	15	13.8	8.2	11.0	-0.2	24.4	-2.2	-	-	1049	104	27	27 June	196	158	-	-	-	-	-	-	79	64	-	(4.45)	(97)	-		
	Gulval	9 9	82	13.1	7.5	10.3	-	24.2	-4.1	-	-	991	110	31	27 June	187	149	6	1	21	3	11	16	27	57	7	4.43	-	-		
	Culdrose	9 9	76	13.2	7.8	10.5	-	23.9	-4.4	11.2	11.5	1113	115	27	30 Oct	195	150	11	0	24	0	13	7	17	69	20	4.47	-	-		
	Rosewarne	9 9	73	13.2	8.3	10.7	-0.4	24.5	-2.2	-	-	886	106	33	27 June	184	150	3	1	7	0	9	-	3	-	36	4.67	-	-		
	Lizard	9 9	51	13.4	(7.7)	(10.5)	(-0.5)	23.9	-4.4	-	-	1058	96	34	27 June	194	158	1	0	1	2	4	2	14	61	1	-	-	-		
	Falmouth	9 9	54	13.2	7.8	10.5	-0.2	24.4	-3.9	-	-	912	105	30	13 July	178	147	2	-	4	2	5	-	24	-	12	4.27	94	-		
	Newquay	21-9	103	12.8	7.5	10.1	-	23.9	-5.1	-	-	973	100	28	1 July	185	148	11	0	6	14	9	4	24	57	2	4.24	-	-		
	St. Mawgan	9 9	94	13.2	7.1	(10.1)	-	24.4	-3.3	-	-	1244	101	36	24 Dec	201	166	2	1	0	0	4	8	21	-	0	-	-	-		
	St. Austell	9 9	40	13.7	7.3	10.5	-0.6	25.6	-3.9	-	-	1047	-	28	27 Oct	191	153	3	1	7	2	4	3	34	-	32	-	-	-		
	Fowey	9 9	15	13.4	7.3	10.3	-0.3	28.3	-3.9	-	-	802	92	30	24 Dec	172	136	-	0	-	-	-	-	40	-	-	-	-	-		
	Bude	9 9	58	13.7	(6.6)	(10.1)	(-0.3)	26.7	-4.4	-	-	1209	115	35	27 June	193	151	5	2	9	1	12	8	50	95	4	3.95	87	-		
	9 NORTHERN IRELAND																														
	Londonderry	Loughmore Forest	9 9	174	11.6	3.8	7.7	-	25.0	-11.1	-	-	1131	-	52	31 Oct	228	176	30	22	3	0	6	8	84	138	-	-	-	-	-
21-9			2	12.7	5.8	9.3	-0.1	26.1	-7.7	10.4	10.4	801	88	37	31 Oct	203	142	32	4	10	18	5	3	49	95	6	4.00	108	-		
Antrim	Ballykelly	9 9	88	12.5	4.6	8.5	-	24.4	-11.1	-	-	1255	-	63	31 Oct	212	168	22	21	2	6	1	8	64	135	-	-	-	-	-	
	Derrynoyd Forest	9 9	43	12.7	4.6	8.7	-	25.6	-6.7	-	-	908	-	48	31 Oct	206	160	10	2	5	0	3	3	60	109	-	-	-	-	-	
	Somerset Forest	9 9	91	11.9	4.5	8.2	-	23.9	-7.2	9.9	9.9	1115	-	43	31 Oct	222	177	23	18	16	0	4	4	72	108	-	-	-	-	-	
	Garvagh Forest	21-9	34	12.4	4.7	8.5	-0.5	24.0	-8.4	10.0	-	956	89	38	31 Oct	211	163	35	10	17	12	3	11	70	128	4	-	-	-	-	
	Moneydig	9 9	9	-	-	-	-	-	-	-	-	775	-	41	31 Oct	202	141	-	-	-	-	-	-	-	-	-	-	-	-		
	Portrush Golf Club	9 9	55	12.5	5.0	8.7	-	25.0	-6.1	-	-	901	-	49	31 Oct	214	159	21	-	1	1	1	5	50	-	-	-	-	-	-	
	Ballymoney	9 9	38	12.3	4.5	8.4	-	23.3	-8.3	-	-	1039	-	33	1 Nov	203	161	12	4	0	0	0	22	76	105	-	3.94	-	-	-	
	Lisnafillan	21-9	69	12.3	5.4	8.9	-0.2	24.0	-6.1	9.8	9.7	820	84	40	19 Aug	193	155	30	2	14	3	5	11	61	97	4	3.89	111	-		
	Aldergrove	9 9	32	12.7	5.1	8.9	-	25.0	-6.7	10.0	-	842	-	40	19 Aug	194	152	13	8	0	0	1	-	67	113	-	-	-	-	-	
	Greenmount	9 9	226	10.5	4.5	7.5	-	23.3	-6.1	-	-	1512	-	100	31 Oct	228	191	40	34	3	6	7	13	77	130	27	3.65	-	-	-	
	Altnahinch	9 9	235	10.5	4.1	7.3	-	21.7	-6.7	8.7	-	1584	-	77	31 Oct	225	184	33	32	4	1	1	21	69	117	20	-	-	-	-	
	Parkmore Forest	21-9	295	10.3	4.7	7.5	-	21.6	-5.6	-	-	1086	-	61	31 Oct	191	158	24	-	4	0	2	78	73	-	14	-	-	-	-	
	Black Mountain	9 9	271	10.3	4.3	7.3	-	21.7	-7.8	8.5	-	1442	-	84	1 Nov	215	176	27	30	2	0	1	38	80	121	-	3.54	-	-	-	
	Lowtown	9 9	152	11.0	4.6	7.8	-	23.3	-5.6	-	-	1213	-	54	8 Jan	214	166	31	11	15	0	7	6	52	89	34	3.94	-	-	-	
	Ballypatrick Forest	9 9	35	12.6	5.5	9.1	-	23.3	-5.6	10.0	-	906	-	52	2 July	191	142	13	-	1	0	0	20	50	107	-	3.78	-	-	-	
	Belfast, Malone	9 9	32	12.6	6.6	9.6	-	23.3	-3.3	10.3	-	957	-	39	31 Oct	189	143	36	5	12	0	2	4	27	89	9	3.98	-	S	-	
	Newtownabbey	9 9	217	10.9	4.2	7.5	-	21.7	-6.7	-	-	1230	100	55	1 Nov	213	164	31	21	2	6	3	51	78	114	-	-	-	-	-	
	Woodburn, North	9 9	43	12.6	5.5	9.1	-	23.3	-4.4	-	-	1074	99	35	31 Oct	188	153	19	4	1	2	0	4	45	-	-	-	-	-	-	
	Larne	9 9	22	12.3	5.6	8.9	-	22.2	-4.4	-	-	899	-	59	1 Nov	173	144	9	1	3	0	0	7	45	91	-	-	-	-	-	
	Kilroot	9 9	24	12.3	6.3	9.3	-	22.8	-3.3	-	-	978	-	42	31 Oct	180	147	5	-	0	0	1	-	22	69	-	-	-	-	-	
	Down	Ballylumford	9 9	116	11.9	5.3	8.6	-0.2	23.3	-4.4	9.5	9.2	813	90	46	31 Oct	181	145	12	17	0	0	1	4	58	104	-	3.73	105	-	-
		Hillsborough	21-9	18	12.1	6.7	9.4	-0.1	22.8	-3.3	-	-	1006	-	56	31 Oct	191	136	6	0	1	0	3	5	26	67	21	4.14	-	-	-
	Armagh	Kilkeel	9 9	76	12.3	5.7	9.0	-	23.3	-4.4	-	-	1596	116	159	31 Oct	195	157	12	4	1	0	0	6	44	94	-	-	-	-	-
Tollymore Park		9 9	24	12.5	5.																										

TABLE IV

—SUMMARY OF OBSERVATIONS AT FIXED HOURS

YEAR

1968

DISTRICT, COUNTY, STATION AND HEIGHT OF BAROMETER ABOVE MSL (metres)		Hour of Observation (G.M.T.)	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								
Number of Observations																																						
0 SCOTLAND, N.																																						
Zetland Lerwick	83m.	3	1012.1	-	5.8	0.7	8.6	89	6.2	8	45	42	111	144	16	0	13	5	6	2	5	68	70	82	115	0	46	124	162	28	72	25	20	37	55	47	45	37
		9	1012.3	+2.1	7.0	1.0	8.8	85	6.5	1	21	54	154	119	17	0	9	5	6	8	16	57	61	99	105	5	54	158	134	15	61	47	24	35	64	36	50	32
		15	1012.2	-	7.6	1.2	9.0	83	6.3	1	30	63	156	105	11	0	6	5	5	5	11	63	74	85	114	11	44	176	125	10	52	36	27	37	80	38	50	30
Orkney Kirkwall	26m.	21	1012.6	-	6.2	0.7	8.7	89	6.2	5	51	35	124	137	14	0	13	3	2	5	7	80	65	88	100	6	36	130	170	24	69	25	22	33	62	37	53	41
		3	1012.2	-	6.5	0.7	9.0	89	5.9	7	57	48	117	122	15	1	4	8	6	3	5	46	82	142	69	4	43	149	134	36	45	26	27	44	76	32	47	33
		9	1012.5	+2.1	7.7	1.1	9.3	85	6.3	2	31	50	163	112	8	0	0	4	6	5	6	52	66	104	123	14	37	179	123	13	54	33	35	49	85	24	48	25
Caithness Wick	37m.	15	1012.4	-	8.8	1.5	9.4	80	6.1	5	37	46	187	89	2	0	0	0	2	2	6	47	56	119	134	8	62	174	116	6	53	29	41	51	68	27	59	32
		21	1012.8	-	6.9	0.8	9.1	88	5.8	4	58	60	132	102	10	0	3	5	2	4	2	45	79	126	100	6	38	151	150	21	47	27	37	56	71	23	64	20
		3	1012.1	-	6.3	0.7	8.8	89	5.7	13	58	49	127	104	15	0	6	9	4	7	9	61	69	125	76	1	27	151	179	8	37	22	32	61	65	36	65	40
Sutherland Cape Wrath*	113m.	9	1012.4	+1.5	7.5	1.1	9.1	85	6.2	1	39	54	167	90	15	0	5	7	7	4	12	58	67	85	121	2	36	176	150	2	57	23	45	62	62	35	53	27
		15	1012.3	-	8.6	1.4	9.3	80	6.0	3	44	48	186	77	8	0	1	3	4	5	8	52	74	78	141	2	41	185	137	1	45	30	54	79	46	22	51	38
		21	1012.7	-	7.0	0.9	9.0	87	5.5	6	67	62	128	91	12	0	6	4	3	3	5	58	80	116	91	1	20	155	187	3	38	33	44	55	62	37	54	40
Ross & Cromarty Stornoway	5m.	3	1011.3	-	7.4	1.0	9.0	85	5.8	0	42	90	116	111	7	0	1	3	5	2	0	5	10	90	250	11	48	120	149	38	19	36	47	59	26	80	32	29
		9	1011.7	-	7.9	1.1	9.2	85	6.3	0	25	77	121	133	10	0	7	0	3	2	0	13	30	98	213	14	57	120	149	26	15	35	50	57	30	97	30	26
		15	1011.8	-	8.6	1.3	9.5	82	6.1	0	26	84	133	111	12	0	6	2	4	1	4	18	20	101	210	16	60	113	168	9	20	43	60	54	20	98	34	28
Inverness Benbecula	7m.	21	1011.8	-	7.7	1.1	9.2	85	5.7	0	42	108	105	106	5	0	2	1	2	0	1	7	15	103	235	13	50	125	152	26	20	40	56	52	24	88	33	27
		3	1012.1	-	6.8	0.6	9.3	91	4.9	29	75	67	97	97	1	0	0	1	0	0	5	34	106	163	57	1	28	119	162	56	39	27	37	33	64	46	35	29
		9	1012.3	+1.8	8.4	1.0	9.8	86	5.9	4	47	61	171	82	1	0	0	0	1	2	7	47	98	121	90	0	31	157	150	28	43	22	30	50	85	36	31	21
Fife Leuchars	12m.	15	1012.3	-	9.8	1.6	10.0	80	5.7	3	55	59	179	69	1	0	0	0	2	2	7	29	103	104	119	1	38	183	125	19	37	67	26	38	82	39	30	28
		21	1012.6	-	7.7	0.9	9.6	88	5.0	25	77	60	115	88	1	0	0	1	1	0	3	38	109	133	81	1	26	152	150	37	46	53	26	36	54	55	30	29
		3	1011.9	-	7.3	0.8	9.4	88	5.3	15	68	61	127	94	1	0	0	0	3	6	7	44	83	109	114	8	45	133	147	33	51	39	39	51	67	32	39	15
Angus Usan	35m.	9	1012.1	+1.4	8.9	1.3	9.7	83	5.8	2	48	66	176	74	0	0	0	0	1	3	8	41	92	93	128	5	46	178	118	19	35	42	33	61	76	35	38	27
		15	1012.1	-	10.1	1.8	9.8	77	5.7	1	50	77	173	65	0	0	0	0	1	1	6	37	82	108	131	2	51	202	103	8	42	34	25	56	55	55	42	48
		21	1012.4	-	8.0	1.1	9.5	85	5.3	9	74	68	139	75	1	0	0	1	0	3	4	44	92	98	124	2	46	145	156	17	51	48	35	66	62	37	35	25
1 SCOTLAND, E.																																						
Moray Kinloss	6m.	3	1012.9	-	6.3	0.8	8.7	87	5.8	16	39	58	136	113	4	0	1	2	4	5	15	51	61	114	113	0	17	117	197	35	21	16	51	22	48	113	38	22
		9	1013.1	+1.8	7.9	1.3	9.2	82	6.1	4	37	47	195	83	0	0	1	1	3	3	10	62	58	83	145	1	25	124	198	18	34	29	49	26	37	72	76	25
		15	1012.8	-	10.0	2.1	8.6	74	5.9	2	43	70	183	68	0	0	0	0	1	5	49	64	85	162	0	40	166	153	7	53	49	51	24	34	58	63	27	
Aberdeen Dyce	59m.	21	1013.3	-	7.4	1.1	9.1	84	5.5	15	47	67	157	79	1	0	0	1	2	9	62	66	111	114	1	18	123	208	16	24	30	80	29	48	77	40	22	
		3	1012.6	-	5.8	0.7	8.5	88	5.6	29	42	53	124	103	15	0	3	11	14	12	41	63	97	76	49	0	7	111	160	88	31	8	20	24	52	40	51	52
		9	1012.7	+0.7	7.7	1.4	9.0	81	6.2	5	34	56	167	99	5	0	0	2	7	17	47	70	94	65	64	0	13	140	160	53	53	5	31	37	65	33	43	46
Fraserburgh	22m.	15	1012.5	-	9.6	2.0	9.3	75	6.1	3	35	63	184	77	4	0	1	0	4	11	38	77	80	86	69	0	22	178	151	15	57	12	50	48	78	28	37	41
		21	1013.1	-	6.9	1.0	8.9	86	5.4	13	73	55	122	92	11	0	2	7	8	14	33	89	120	55	38	0	6	98	198	64	40	9	25	39	61	43	43	
		3	1012.8	-	7.4	0.9	9.3	87	5.8	9	56	63	79	141	18	0	4	9	0	8	48	119	169	0	13	43	105	197	8	45	9	26	28	114	35	71	30	
Angus Usan	12m.	9	1013.0	-	8.1	1.1	9.5	85	6.3	3	24	67	114	144	14	2	1	4	4	9	60	108	155	15	14	49	115	181	7	52	14	37	28	101	24	77	26	
		15	1012.8	-	9.2	1.3	9.9	83	6.2	1	19	86	135	119	6	0	1	3	4	1	6	65	102	167	17	14	42	132	170	8	58	17	44	41	84	14	69	31
		21	1013.3	-	8.1	1.1	9.5	85	5.7	12	47	71	98	129	9	0	3	6	4	2	6	52	139	151	3	7	44	113	192	10	52	15	32	45	90	25	66	31
Fife Leuchars	35m.	3	1012.3	-	6.8	0.8	9.1	88	5.1	27	80	50	79	124	6	0	3	2	4	4	17	64	34	74	164	3	13	109	190	51	65	20	22	16	33	33	74	52
		9	1012.6	-	7.9	1.1	9.4	84	5.9	1	46	75	105	131	8	0	2	2	6	2	16	62	64	79	133	1	20	122	174	49	53	26	29	23	50	47	53	36
		15	1																																			

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.
																										SPEED IN KNOTS												
																										8 or more	6-7	4-5	1-3	Calms								
																										34 or more	22-33	11-21	1-10	0								
Number of Observations																																						
2 ENGLAND, N.E.																																						
Northumberland Acklington	46m.	3	1013.4	-	6.3	0.6	9.2	91	5.7	21	48	56	92	141	8	0	8	5	2	28	53	75	87	88	20	1	17	69	236	43	61	17	16	21	49	30	89	40
		9	1013.6	+0.6	8.3	1.2	9.7	84	6.3	0	34	50	168	107	7	0	5	2	12	8	60	74	89	62	54	2	20	117	214	13	61	35	27	21	55	41	82	31
		15	1013.3	-	10.1	1.8	9.9	78	6.1	2	33	68	167	96	0	0	0	1	5	12	42	71	89	82	64	2	29	145	188	2	54	47	40	52	43	32	65	34
Tynemouth	40m.	21	1013.9	-	7.4	0.8	9.5	88	5.6	16	61	59	100	126	4	0	2	3	3	28	45	99	104	74	8	1	21	67	239	38	59	20	23	32	47	38	75	34
		9	1014.0	+0.6	8.4	1.1	9.7	84	6.2	10	21	77	118	128	12	0	7	2	8	27	52	126	90	54	0	5	35	151	161	14	71	17	31	28	66	18	104	17
		15	1013.7	-	9.8	1.6	10.0	80	6.2	9	15	89	109	137	7	0	4	1	3	23	47	106	107	75	0	4	44	172	139	7	73	28	40	50	49	18	76	15
Seahouses	12m.	21	1014.2	-	8.7	1.1	9.9	84	5.7	32	28	70	80	148	8	0	4	1	4	2	48	100	161	46	0	4	29	149	163	21	59	17	24	28	83	25	87	22
		3	1013.7	-	7.1	0.6	9.5	91	5.5	10	75	48	76	139	18	5	6	4	11	8	23	100	107	93	9	6	21	82	226	31	44	28	23	11	75	37	102	15
		9	1013.8	-	8.3	0.9	9.9	87	5.9	1	45	85	114	110	11	5	4	1	10	11	36	91	79	53	76	3	20	95	224	24	61	30	33	11	84	16	88	19
Yorks, N. Riding Leeming	33m.	15	1013.5	-	9.9	1.5	10.2	81	5.8	0	54	78	124	104	6	1	3	1	5	16	31	82	66	50	107	6	30	93	225	12	61	33	52	18	80	8	86	16
		21	1013.9	-	8.3	1.2	9.5	83	5.1	10	98	58	79	114	7	2	3	3	4	14	35	90	92	77	46	2	16	58	247	43	53	19	26	20	75	49	66	15
		3	1013.8	-	7.1	0.8	9.4	88	5.9	30	41	29	100	156	10	0	7	3	18	35	51	83	92	58	19	1	3	80	213	69	64	17	7	19	77	31	42	40
Whitby Coastguard	66m.	9	1014.1	-	8.7	1.3	9.8	83	6.3	4	36	42	139	138	7	0	4	3	9	33	47	87	82	46	55	1	12	94	214	45	76	22	17	18	84	24	48	32
		15	1013.6	-	11.4	2.4	10.0	73	6.3	2	28	56	167	100	3	0	3	1	6	16	35	86	90	69	60	0	16	148	178	24	46	63	14	25	66	29	67	32
		21	1014.2	-	8.6	1.1	9.8	84	5.7	12	67	42	89	152	4	0	2	1	10	35	45	86	105	50	32	1	10	65	242	48	71	36	11	17	79	28	49	27
Yorks, E. Riding Leconfield	9m.	9	1014.1	-	8.6	1.1	9.9	85	6.0	4	29	86	126	105	16	2	14	1	3	3	5	95	200	42	1	13	44	124	171	14	39	21	42	35	70	54	42	49
		15	1013.9	-	10.0	1.6	10.3	80	6.1	6	20	87	136	108	9	1	5	0	4	3	10	87	188	64	4	12	45	156	131	22	48	31	42	53	46	48	36	40
		3	1014.0	-	11.0	2.2	10.3	75	6.0	2	32	61	156	113	2	0	2	0	5	13	28	112	117	53	36	1	15	175	152	23	32	36	66	31	36	38	75	29
Lincoln Manby	14m.	3	1014.3	-	8.0	0.7	10.1	90	5.8	27	26	87	53	158	15	0	8	6	5	5	23	84	234	1	0	7	55	170	114	10	47	32	38	24	45	45	77	42
		9	1014.7	+0.5	8.9	1.0	10.3	87	6.3	5	24	73	120	125	19	5	4	10	6	5	22	133	181	0	0	9	66	159	112	20	37	36	51	25	44	40	76	37
		15	1014.4	-	10.1	1.3	10.7	83	6.4	4	11	88	128	123	12	1	1	7	7	8	20	124	196	2	0	8	70	177	94	17	40	42	52	49	40	32	72	22
Suffolk Mildenhall	12m.	21	1014.8	-	8.9	0.9	10.4	87	6.0	15	30	78	83	143	17	1	4	8	6	3	17	91	235	0	1	6	57	182	109	12	40	39	52	32	58	43	67	23
		3	1014.1	-	7.2	0.5	9.8	92	5.6	42	43	42	75	145	19	0	6	13	15	16	50	130	85	40	11	0	8	117	203	38	43	24	18	20	49	51	66	57
		9	1014.6	+0.1	9.3	1.2	10.4	84	6.3	7	32	57	147	119	4	0	4	2	13	17	22	125	117	51	15	0	10	161	183	12	54	33	32	47	49	66	41	
Norfolk West Raynham	80m.	15	1014.2	-	11.2	2.0	10.7	77	6.4	3	18	58	170	116	1	0	1	7	10	17	110	100	88	32	2	2	10	185	163	6	44	41	58	31	44	52	64	26
		21	1014.7	-	8.3	0.8	10.2	89	5.8	24	43	55	98	141	5	1	4	4	10	21	37	135	96	48	10	0	10	116	216	24	43	30	33	33	57	54	56	36
		3	1014.0	-	7.0	0.5	9.7	92	5.7	38	41	40	74	156	17	0	15	10	18	25	52	120	98	26	2	0	13	130	204	19	47	37	32	23	54	72	49	33
Coltishall	17m.	9	1014.5	-0.2	8.9	1.1	10.3	86	6.4	9	29	37	144	140	7	0	8	3	14	16	49	111	100	47	18	0	23	151	185	7	55	39	34	22	48	73	60	28
		15	1014.1	-	10.9	2.0	10.4	77	6.4	2	28	50	160	124	2	0	4	0	3	9	35	96	114	71	34	0	23	187	149	7	55	54	34	19	42	72	62	21
		21	1014.6	-	8.0	0.8	10.1	89	5.8	21	47	50	84	155	9	0	8	4	15	21	47	107	101	54	9	0	16	123	115	12	52	43	42	33	58	70	36	21
Gorleston	8m.	3	1013.9	-	7.7	0.8	9.8	88	5.8	41	33	39	94	153	6	0	4	10	18	19	55	95	109	52	4	0	6	82	194	84	36	29	29	22	34	57	49	26
		9	1014.5	-	9.6	1.4	10.3	82	6.5	12	19	35	156	141	3	0	4	4	7	15	53	96	106	57	24	0	6	132	181	47	43	41	26	24	41	45	67	36
		15	1014.9	-	11.5	2.4	10.3	73	6.5	3	26	40	164	131	2	0	1	2	1	12	32	86	104	86	42	0	8	166	169	23	47	39	49	30	35	45	69	29
Suffolk Mildenhall	12m.	21	1014.6	-	8.6	1.1	10.0	85	6.0	15	40	51	110	140	10	0	9	6	9	20	60	90	105	52	15	0	9	87	194	76	42	31	34	31	39	53	37	23
		3	-	-	8.9	0.9	10.4	87	5.0	97	10	50	49	154	6	1	8	1	1	1	8	237	109	0	0	0	34	133	178	21	32	39	24	24	56	67	68	35
		9	1014.4	-0.6	9.4	1.2	10.5	85	6.2	19	12	69	109	149	8	1	9	4	6	12	17	213	104	0	0	2	34	160	159	11	54	37	27	34	55	51	66	31
Suffolk Wattisham	91m.	15	-	-	10.6	1.7	10.6	79	6.3	1	1	7	124	136	9	3	10	1	3	7	12	214	115	1	0	2	47	180	129	8	60	41	38	36	64	39	53	27
		21	-	-	10.0	1.2	10.7	85	5.6	64	13	52	49	175	13	3	10	3	0	2	2	250	96	0	0	3	32	131	183	17	49	39	27	33	74	53	40	34
		3	1014.3	-	7.6	0.6	10.0	91	5.7	47	39	34	73	163	10	0	3	10	11	22	81	123	94	22	0	0	2	50	276	38	50	25	35	26	46	69	47	30
Hunts. Wyton	43m.	9	1014.8	-0.3	9.6	1.3	10.5	84	6.4	10	28	43	136	146	6	0	5	2	5	13	55	145	98	36	7	0	2	79	268	17	51	30	39	24	40	62	61	42
		15	1014.3	-	12.3	2.6	10.6	72	6.4	3	22	55	164	12																								

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 (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									
																										34 or more	22-33	11-21	1-10	0									
Number of Observations																																							
4 MIDLAND COUNTIES																																							
- cont.																																							
Finningley	14m.	3	1014.1	+0.1	7.5	0.7	9.8	90	5.6	59	27	34	86	150	10	1	6	2	12	16	68	142	70	41	8	0	8	73	176	109	60	12	9	19	40	36	39	42	
		9	1014.5		9.3	1.3	10.3	85	6.0	9	46	48	137	113	13	2	7	4	13	20	41	136	105	33	5	0	8	122	171	65	64	24	25	17	39	48	45	39	
		15	1013.9		12.1	2.5	10.5	73	6.2	6	28	63	154	113	2	0	1	0	9	14	33	102	143	56	8	1	14	156	163	32	44	40	44	23	45	39	61	38	
		21	1014.5		9.0	1.1	10.3	85	5.6	39	37	50	106	127	7	1	4	2	8	12	60	154	97	27	1	0	8	74	213	71	49	24	28	24	56	30	46	38	
Northampton Wittering	67m.	3	1014.4	-0.2	7.1	0.6	9.6	90	5.6	50	33	37	81	146	19	0	16	8	18	27	70	105	89	32	3	0	8	104	221	33	65	28	29	23	35	58	60	35	
		9	1014.9		9.0	1.2	10.2	84	6.3	9	30	45	119	150	13	0	9	7	13	26	44	92	104	59	12	1	6	142	201	16	52	46	27	24	49	52	57	43	
		15	1014.3		11.7	2.5	10.3	73	6.3	0	26	67	143	128	2	0	2	2	9	13	31	69	137	86	17	0	13	163	182	8	34	55	31	33	41	64	64	36	
		21	1014.8		8.6	1.0	10.1	86	5.7	30	40	54	97	135	10	0	9	3	10	29	45	110	123	36	1	0	6	104	228	28	39	45	40	34	35	67	48	30	
Warwick Edgbaston	165m.	9	1015.4	+0.2	8.4	1.2	9.8	84	6.2	14	23	52	149	120	8	0	0	6	20	40	47	108	97	34	14	0	3	60	293	10	41	33	43	23	86	43	51	36	
		15	1014.8		11.2	2.6	9.8	71	6.2	3	23	69	171	98	2	0	0	1	11	22	41	84	98	77	32	0	1	97	266	2	46	27	45	31	80	45	53	39	
		21	1015.3		9.1	1.4	9.9	82	5.7	27	41	54	126	112	6	0	1	2	9	33	44	140	87	41	9	0	5	57	297	7	38	29	56	30	68	50	47	41	
		3	1014.5		7.0	0.8	9.3	88	5.6	36	50	39	79	145	17	2	4	6	13	35	79	120	92	14	1	0	8	80	214	64	43	30	23	30	52	57	27	40	
Elmdon	110m.	9	1015.0	-	8.7	1.3	9.8	83	6.4	7	28	40	144	132	15	1	3	6	11	27	65	120	123	9	1	0	5	127	202	32	45	43	34	31	53	59	34	35	
		15	1014.3	11.4	2.7	9.7	69	6.4	3	24	50	166	120	3	1	0	1	7	10	43	111	150	34	9	0	18	150	190	8	32	51	41	29	60	58	41	46		
		21	1014.9	8.8	1.3	9.8	83	5.6	23	57	44	119	115	8	1	2	2	10	34	82	151	77	7	0	0	8	86	227	45	30	43	35	32	55	43	46	37		
		3	1014.9	7.4	0.6	10.0	91	5.4	54	37	45	85	138	7	0	3	8	11	28	61	132	99	24	0	0	1	54	256	55	40	54	41	14	21	57	62	22		
Brize Norton	84m.	9	1015.4	-	9.0	1.2	10.3	85	6.2	9	20	69	139	126	3	0	5	2	10	13	61	127	100	41	7	0	4	101	223	38	33	56	46	19	25	59	66	24	
		15	1014.7	11.9	2.5	10.4	73	6.2	2	24	83	141	116	0	0	0	4	0	9	27	111	125	76	14	0	2	146	200	18	33	53	42	34	38	49	78	31		
		21	1015.3	9.1	1.1	10.4	86	5.4	34	54	51	96	126	5	0	2	5	7	10	54	148	98	38	4	0	3	74	247	42	26	58	46	17	25	67	60	25		
		3	1014.5	7.0	0.6	9.6	91	5.5	45	44	36	100	132	9	2	6	3	11	27	61	65	75	90	26	1	3	61	212	89	42	13	31	29	39	47	52	24		
Shropshire Shawbury	76m.	9	1014.9	-	8.9	1.1	10.1	84	6.2	8	33	45	158	115	7	0	4	0	7	23	33	97	64	80	58	0	6	104	216	40	47	17	48	33	47	48	68	24	
		15	1014.3	11.6	2.4	10.4	73	6.3	2	24	54	188	96	2	0	0	0	4	13	26	76	96	72	79	0	9	147	191	19	48	28	54	27	52	42	56	40		
		21	1014.9	8.6	1.0	10.1	86	5.7	34	31	60	116	121	4	0	3	1	4	20	45	92	66	92	43	0	6	78	236	46	61	21	43	34	43	44	50	24		
		9	1014.9	-0.4	9.3	1.4	10.2	83	6.1	6	48	47	110	150	5	0	4	2	6	17	32	141	28	123	13	0	1	59	283	23	37	43	52	8	43	84	49	27	
Ross-on-Wye	69m.	15	1014.2	-	12.1	2.6	10.4	71	6.1	1	41	60	120	144	0	0	0	1	2	7	17	130	53	138	18	0	2	92	262	10	41	42	54	20	35	79	59	26	
		21	1014.8	-	9.3	1.3	10.3	84	5.5	26	68	42	78	147	5	0	4	2	5	9	32	139	53	109	13	0	4	42	285	35	23	44	57	20	46	90	40	11	
		3	1014.7	-	8.2	0.8	10.2	89	5.6	38	34	53	105	129	7	0	3	4	3	8	51	152	108	35	2	0	6	79	213	68	41	48	38	16	36	47	58	14	
		9	1015.2	-0.5	9.5	1.2	10.6	85	6.3	4	27	62	137	130	6	0	6	0	4	14	54	122	115	42	9	0	4	118	215	29	49	64	37	26	28	65	54	14	
Gloucester Filton	60m.	15	1014.6	-	12.1	2.3	10.8	74	6.1	2	34	75	138	116	1	0	1	0	0	7	38	91	130	64	35	0	10	166	182	8	42	57	39	32	25	49	91	23	
		21	1015.1	-	9.6	1.2	10.6	85	5.3	28	57	57	97	123	4	1	2	1	4	18	43	149	111	32	5	0	5	95	230	36	40	58	34	28	38	50	67	15	
		3	1014.9	-	8.2	0.8	10.3	89	5.6	47	31	38	99	147	4	0	1	2	11	16	34	128	94	40	10	0	4	52	212	98	43	26	18	20	65	65	14	17	
		9	1015.4	-	9.9	1.3	10.7	83	6.4	9	21	52	155	124	5	0	1	3	6	25	43	115	89	63	21	0	3	76	225	62	55	48	16	14	68	68	14	21	
Gloucester	24m.	15	1014.7	-	12.7	2.6	11.0	72	6.3	1	26	60	153	123	3	0	0	1	4	12	30	83	112	67	57	0	7	108	224	27	53	46	23	27	58	81	35	21	
		21	1015.2	-	10.0	1.2	10.8	83	5.4	45	40	54	99	121	7	1	1	3	5	24	42	142	79	49	22	0	5	57	227	77	47	37	16	27	62	73	14	13	
		3	1014.7	-	6.8	0.5	9.6	92	5.6	44	44	38	64	147	29	2	17	9	19	27	31	102	79	50	30	0	14	79	248	25	50	57	36	16	34	66	53	29	
		9	1015.1	-0.3	8.0	0.9	9.9	87	6.2	8	36	49	131	114	28	0	18	11	12	20	27	88	84	63	43	0	11	130	205	20	42	57	45	45	19	67	58	24	
Little Rissington	229m.	15	1014.4	-	10.5	2.1	10.1	76	6.3	1	30	61	148	112	14	0	9	1	7	13	18	75	100	83	60	0	18	147	189	12	29	64	38	24	32	65	72	30	
		21	1015.1	-	8.1	0.9	10.0	88	5.4	33	60	46	81	127	19	1	16	7	6	13	26	111	92	54	40	0	8	104	237	17	40	63	43	21	35	64	56	27	
		3	1014.7	-	8.2	0.8	10.2	89	5.4	38	52	40	108	124	4	0	1	1	8	16	66	115	120	35	4	0	4	82	263	17	57	42	32	26	42	67	51	32	
		9	1015.1	-	9.8	1.4	10.5	82	6.0	12	36	54	149	112	3	1																							

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 (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												
																										0 or more	1-3	4-6	7-10	11-16								
																										0	1	2	3	4								
Number of Observations																																						
7a ENGLAND, N.W.		3	1013.7	-	6.8	0.7	9.3	89	5.5	29	58	47	102	125	5	0	3	2	2	11	40	124	111	69	4	0	7	74	174	111	16	32	63	37	18	39	43	7
Cumberland Carlisle	28m.	9	1014.0	-	8.6	1.3	9.7	83	6.0	7	33	67	159	97	3	0	2	1	2	7	41	78	135	69	31	0	7	90	206	63	16	33	71	41	23	57	55	7
		15	1013.5	-	11.3	2.4	10.1	72	6.0	2	32	82	152	97	1	0	0	1	1	1	21	85	119	96	52	0	13	117	203	33	15	30	57	41	19	76	74	21
		21	1014.1	-	8.3	1.1	9.8	85	5.4	19	67	57	111	110	2	0	2	1	2	7	39	125	115	56	19	0	6	66	210	84	8	33	77	30	23	57	47	8
Westmorland Great Dun Fell	—	3	-	-	2.4	0.2	7.4	96	6.5	55	3	12	19	26	251	108	145	0	0	2	1	23	30	55	1	19	68	157	101	21	27	60	40	22	56	80	40	20
		9	-	-	3.2	0.3	7.7	95	6.6	33	9	33	38	42	211	44	168	0	0	3	0	19	33	84	12	25	80	151	92	18	23	65	50	19	49	92	38	12
		15	-	-	4.6	0.7	8.0	91	6.7	20	5	36	89	60	156	36	123	1	1	6	0	28	51	100	20	29	91	155	80	11	22	52	46	20	47	98	52	18
Lancashire Speke	26m.	21	-	-	3.1	0.2	7.7	96	6.7	39	4	24	33	37	229	79	153	0	1	3	2	16	40	64	8	26	77	145	94	24	21	57	57	18	56	75	41	17
		3	1013.9	-	7.9	0.8	9.9	88	5.6	20	60	37	142	102	5	2	3	1	8	10	54	126	94	57	11	0	10	100	198	58	27	31	38	55	49	27	44	37
		9	1014.4	-	9.4	1.4	10.2	82	6.0	5	43	56	108	90	4	2	2	2	8	28	51	114	91	46	22	0	8	139	166	53	29	23	42	59	48	25	60	27
Cheshire Ringway	76m.	15	1013.9	-	11.9	2.4	10.5	73	6.0	5	43	45	196	76	1	0	0	1	2	12	42	104	91	55	59	0	21	169	153	23	21	24	38	60	37	25	74	64
		21	1014.4	-	9.2	1.3	10.1	83	5.5	19	62	50	134	97	4	1	1	2	4	14	70	138	89	41	6	0	10	118	208	30	40	33	45	52	40	26	61	39
		3	1014.0	-	7.4	0.8	9.5	88	5.7	25	54	39	102	138	8	1	5	2	5	26	50	153	81	38	5	0	3	86	217	60	20	43	41	29	90	30	32	21
		9	1014.4	0.0	8.9	1.5	9.6	81	6.1	6	38	48	162	107	5	0	5	1	8	21	86	147	84	14	0	1	7	129	199	30	21	39	41	26	99	44	41	25
		15	1013.8	-	11.5	2.7	9.6	69	6.2	4	29	57	173	100	3	0	1	0	5	9	50	134	120	46	1	0	10	174	159	23	16	40	39	29	56	41	84	38
		21	1014.4	-	9.0	1.4	9.8	81	5.7	17	48	58	105	135	3	0	0	2	7	30	69	180	64	14	0	0	4	108	225	29	25	41	52	29	81	33	45	31
7b NORTH WALES		3	1013.6	-	8.5	0.8	10.2	88	5.2	34	61	50	100	116	5	0	2	0	11	8	16	87	114	93	35	8	47	119	156	36	43	39	55	24	67	44	38	20
Anglesey Valley	11m.	9	1014.1	+0.1	10.0	1.4	10.5	83	6.1	3	41	57	164	100	1	0	0	0	2	10	11	78	105	112	48	6	56	149	142	13	34	35	60	15	77	60	40	32
		15	1013.8	-	11.7	2.1	10.7	76	5.6	8	49	72	149	88	0	0	0	0	1	4	7	72	112	94	76	9	47	175	125	10	35	46	25	13	67	87	40	43
		21	1014.1	-	9.4	1.1	10.5	86	5.4	23	64	50	115	113	1	0	0	0	3	5	16	98	107	97	40	8	47	116	165	30	49	48	45	19	73	44	40	18
Caernarvon Bardsey Island	19m.	3	1013.5	-	9.5	0.9	11.1	90	5.3	47	39	67	68	113	12	1	0	8	4	1	9	59	148	141	4	15	57	144	125	25	63	27	47	41	45	40	61	17
		9	1014.1	-	10.0	1.0	11.2	88	6.2	7	25	70	124	129	11	1	3	5	4	2	1	43	107	171	29	11	68	145	123	19	58	20	54	47	54	31	59	24
		15	1013.9	-	11.0	1.2	11.6	85	5.9	9	23	98	110	122	4	0	5	0	3	1	42	220	144	50	11	63	138	138	16	74	19	33	36	56	60	42	30	40
		21	1014.0	-	10.0	0.9	11.1	88	5.6	39	31	68	79	146	2	1	0	1	1	1	2	49	131	152	28	13	57	141	125	30	68	35	37	31	48	54	43	20
8a SOUTH WALES		3	1013.9	-	8.3	0.8	10.1	88	4.9	49	76	26	98	113	4	0	2	2	3	6	16	130	114	59	34	1	46	155	147	17	31	21	39	47	97	47	42	25
Cardigan Aberporth	134m.	9	1014.5	-0.1	9.3	1.2	10.3	84	5.9	9	45	45	175	85	7	0	7	2	3	4	23	101	126	61	39	1	45	160	147	13	34	37	30	43	83	41	55	30
		15	1014.1	-	10.7	1.7	10.6	79	5.8	8	54	52	164	86	2	0	1	0	2	5	9	98	122	76	53	0	38	177	142	9	49	29	30	32	60	42	72	43
		21	1014.4	-	8.9	1.0	10.3	86	5.3	32	64	51	90	126	3	0	2	0	3	4	15	122	114	69	37	3	37	156	142	28	35	32	31	46	77	47	54	16
Pembroke Milford Haven C.B.	39m.	3	1014.3	-	9.3	0.8	10.9	89	4.9	70	42	56	58	133	7	0	1	6	2	0	8	155	137	57	0	3	28	131	163	41	40	50	44	31	29	46	47	38
		9	1014.5	-	12.0	1.8	11.5	79	5.7	16	28	105	102	112	3	0	0	2	1	2	10	173	125	52	1	3	30	200	128	5	43	22	39	51	33	89	51	39
		15	1014.7	-	10.0	1.0	11.2	87	5.0	59	46	62	71	126	2	0	0	0	4	1	5	156	145	54	1	3	35	121	176	31	63	34	33	42	29	49	50	35
Glamorgan Mumbles	37m.	3	1014.1	-	9.4	1.0	10.6	86	5.2	49	51	56	60	148	2	0	1	0	3	2	12	93	150	94	11	9	56	182	142	7	46	56	87	5	24	51	64	26
		9	1014.7	-	10.0	1.3	10.7	83	5.9	10	33	74	124	121	4	0	1	3	2	6	27	168	108	44	7	7	57	154	141	7	35	35	101	13	26	49	73	27
		15	1014.3	-	11.3	1.8	11.0	79	6.0	7	32	73	138	113	3	0	3	1	3	6	22	154	99	54	24	9	74	187	92	4	22	21	85	15	32	72	89	26
Rhoose	69m.	21	1014.6	-	10.2	1.3	10.8	83	5.2	36	57	63	84	124	2	0	0	1	2	1	14	137	125	68	18	8	63	153	128	14	36	39	80	9	20	50	72	46
		3	1014.5	-	8.2	0.7	10.2	90	5.6	45	37	40	82	154	8	0	6	2	3	11	33	105	103	86	17	0	9	118	206	33	23	64	61	22	21	28	72	40
		9	1015.1	-0.5	9.5	1.2	10.6	85	6.1	3	37	65	142	115	4	0	1	2	5	18	52	94	95	75	24	0	11	155	174	26	17	65	63	30	24	34	77	30
		15	1014.5	-	11.5	1.9	10.9	77	5.9	2	47	72	140	104	1	0	0	3	11	34	85	109	76	48	0	15	193	147	11	13	42	73	40	19	27	121	20	
		21	1015.0	-	9.2	1.0	10.5																															

TABLE V—WARMEST DAY AND NIGHT AND COLDEST DAY AND NIGHT AT EACH STATION DURING THE YEAR 1968

DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest		Highest		Lowest		Lowest	
	Maximum and date	Minimum and date	Maximum and date	Minimum and date	Maximum and date	Minimum and date	Maximum and date	Minimum and date
0 SCOTLAND N.								
Hammavee	June 3	18.9	Sept. 11	13.9	Jan. 3, Feb. 15	0.6	Jan. 4, (5), Apr. 7, Dec. 19	-3.9
Lerwick	Aug. 3	17.0	July 29	12.5	Feb. 13, 15	-1.6	Jan. 4	-6.0
Baltasound	June 3, July 1	18.3	July 29, Aug. 22, Sept. 9, 10	12.8	Jan. 8, Feb. 16	0.0	Jan. 9	-6.7
Sule Skerry	Aug. 2	17.9	Aug. 22	13.0	Feb. 13	0.5	Apr. 2	-6.0
Stenness	Aug. 5	20.6	Aug. 22, Sept. 11	13.9	Jan. 4, 7, Feb. 19	0.6	Feb. 20	-8.9
Kirkwall	July 1	20.3	Aug. 23	14.0	Jan. 3	-2.0	Apr. 2	-4.9
Dounreay	June 12, 17	22.8	Aug. 22	14.4	Jan. 4, 8, Feb. 19	1.1	Jan. 9, 10	-6.1
Wick	July 1	22.7	Aug. 23	14.2	Jan. 4	-2.0	Jan. 8, 10	-8.6
Cape Wrath	June 11	25.0	Aug. 22	15.7	-	Apr. 2	-6.0	-
Achnary	June 14	24.4	Aug. 22	15.0	Nov. 17	-1.7	Jan. 8	-14.4
Strathay	June 12, 17	25.0	Aug. 22	15.0	Jan. 4	-0.6	Jan. 8	-8.9
Achentoul	June 12	25.6	Aug. 22	(13.9)	Jan. 7	-1.1	Jan. 10	-13.9
Stornoway	June 11	24.1	July 21, Aug. 22, Sept. 9	13.5	Feb. 2	1.0	Apr. 2	-8.6
Balmacara	June 11	26.7	Sept. 10	16.1	May 7	-1.8	Feb. 14	-5.0
Poolewe	June 11	25.6	Aug. 22	15.6	Jan. 8, 11, Feb. 13	2.2	Feb. 14	-5.0
Rudh Re	Sept. 10	22.0	Sept. 10	14.5	Feb. 16	1.5	Apr. 2	-3.8
Inverpolly	June 11, 12	24.4	Sept. 9, (11)	15.0	-	-	-	-
Achnashellach	June 11	27.8	Aug. 22, Sept. 10	14.4	Jan. 4, Feb. 2, 16	1.1	Jan. 8, Feb. 14	-7.2
Kinlochewe	June 11	27.8	Aug. 22	14.4	Jan. 7, Feb. 2, 13, (16)	1.7	Feb. 14	-7.8
Fortrose	June 10, July 1, Aug. 22	20.0	Aug. 22	15.6	Feb. 11	0.0	Jan. 4, Apr. 2	-4.4
Tarbatness	July 1, Aug. 22	22.0	Aug. 22	14.0	Jan. 4	-1.0	Nov. 17	-6.0
Benbecula	Aug. 5	21.2	Aug. 22	14.8	Jan. 11	2.2	Feb. 14	-5.0
Isle of Rhum	June 11	25.6	Aug. 22	15.0	Jan. 7, 11, Feb. 13	2.8	Feb. 21	-5.0
Prabost	June 11	27.2	June 12, Aug. 22, 23	13.9	Jan. 7, Feb. 2	1.1	Jan. 4	-5.0
Duntulm	June 11	22.2	Aug. 22, Sept. 9	13.9	Feb. 13	1.7	Apr. 2	-4.4
Orich	June 11	24.4	July 30, Aug. 22	14.4	Jan. 7	1.7	Jan. 10, Dec. 28	-6.7
Fort William	June 11	23.9	Aug. 22	15.0	Jan. 4	1.1	Feb. 17, 21, Nov. 18	-7.8
Corrach	June 11	27.2	Aug. 22	15.6	Jan. 4, Feb. 16	1.1	Feb. 21	-6.7
Fort Augustus	June 14	26.1	Aug. 22	15.6	Dec. 24, 26	0.0	Feb. 21	-9.4
Inverness	June 10, July 1, Aug. 22	22.8	Aug. 22	16.1	Jan. 4, 7	0.6	Jan. 9	-7.8
Cotre Gas Shieling	June 11	23.3	Aug. (22), 23	12.8	Jan. 7	-6.7	Apr. 2	-12.2
Cairngorm	June 11, 12	20.0	June 12, 17, Aug. 27	11.1	Jan. 7	(-8.9)	Apr. 2	-15.0
Achnagoichan	June 11	26.7	-	-	Jan. 7	-1.7	Feb. 21	-12.2
Glenmore Lodge	June 12	26.1	Aug. 23	13.8	Dec. (26), 27	-1.5	Feb. 21	-14.5
1 SCOTLAND E								
Nairn	June 30	23.3	Aug. 22	15.6	Feb. 11	-1.1	Nov. 18	-8.9
Grantown-on-Spey	June 12	26.7	Aug. 22	14.4	Jan. 7	-1.7	Jan. 8	-16.1
Forres	June 14	23.3	Aug. 22	15.6	Jan. 7	0.0	Jan. 8	-7.8
Kinloss	Aug. 22	23.8	Aug. 22	16.6	Jan. 4	-0.1	Jan. 8	-8.1
Elgin	-	-	May 31, Aug. 22	15.0	Jan. 4, 7	0.6	Nov. 18	-8.9
Lossiemouth	June 30, Aug. 22	23.9	Aug. 22	15.0	Jan. 4	1.1	Nov. 18	-8.3
Gordon Castle	Aug. 22	25.0	Aug. 22	15.6	Jan. 3, 7, 8	1.1	Jan. 8, Apr. 2	-6.1
Glenlivet	-	-	-	-	Jan. 7	-2.1	Jan. 8	-14.7
Banff	Aug. 22	25.0	Aug. 22, 23	15.6	Jan. 4	1.1	Jan. 9, Apr. 2	-5.0
Braemar	June 10, 13	25.0	Aug. 22, 23	15.0	Jan. 7, 11	-1.7	Feb. 21	-18.3
Balmoral	June 14	25.0	Aug. 22	15.6	Jan. 7	-2.8	Jan. 8, Feb. 21	-15.6
Dinnet	June 14, 17	26.1	Aug. 22	15.6	Jan. 7	-2.2	Feb. 21	-12.8
Inverurie Swge. Wks.	Aug. 22	23.9	Aug. 22	15.0	Jan. 4, 7	-1.1	Jan. 8, 9	-13.9
Fyvie Castle	Aug. 22	23.9	Aug. 22	15.0	Jan. 7, Feb. 20	0.0	Jan. 10	-13.3
Craibstone	Aug. 22	22.2	July 1, Aug. 22, 22, 23	14.4	Jan. 7	-1.1	Jan. 9	-7.2
Dyce	Aug. 20	22.5	Aug. 23	15.2	Jan. 8	-7.5	Jan. 8	-10.7
Aberdeen	Aug. 20	22.2	Aug. 23	15.0	Jan. 7	-0.6	Jan. 8, 9, 10	-7.2
Fraserburgh	-	-	Aug. 22, 23	14.5	Jan. 4	0.7	-	-
Fettercairn	Aug. 22	22.2	July 1	14.4	Jan. 7	-1.7	Jan. 4, 5	-8.3
Strachan	June 13, 17, Aug. 22	22.8	July 1, Aug. 22, 22, 23	14.4	Jan. 7	-1.7	Jan. 10	-15.0
Banchory	June 17, Aug. 22	23.9	Aug. 23	15.6	Jan. 7	-0.6	Jan. 10	-10.0
Mynefield	Aug. 22	23.3	Aug. 22	16.7	Jan. 4	-1.1	Jan. 4, 5, Feb. 26	-6.7
Dundee	June 30, Aug. 22	22.8	Aug. 22	16.1	Jan. 4	-0.6	Jan. 4	-6.1
Glamis Castle	Aug. 22	23.9	Aug. 22	15.6	Jan. 1, (4), 5, Feb. 16, 21	0.6	Jan. 4, 5	-12.2
Whitehills	Aug. 22	23.3	Aug. 22	14.4	Jan. 7	0.0	Jan. 4	-10.0
Buddon Ness	June 30	23.3	Aug. 22	15.0	Jan. 4	0.0	Mar. 21, Nov. 5	-7.8
Carnoustie	June 30	24.4	Aug. 23, Sept. 11, 12	13.9	Jan. 4	0.6	Jan. 4, 8	-5.6
Arbroath	Aug. 20	21.1	Aug. 22	14.4	Jan. 4	0.0	Jan. 4, 8	-5.0
Usan	Aug. 20	21.9	Aug. 22	14.0	Jan. 4	-0.4	Apr. 2	-5.5
Montrose	Aug. 22	23.9	Aug. 22	14.4	Jan. 5, 7	0.0	Jan. 4, (5), 8, 9, 10, Feb. 21	-5.6
Ardrainig	June 10	26.7	Aug. 22, 23	15.6	Jan. 4	-1.1	Jan. 10, Feb. 22, 23	-7.8
Glenegies	June 10	25.6	Aug. 22	14.4	Jan. 4	-1.1	Feb. 21	-12.8
Pittlochry	June 10	26.1	Aug. 22, 23	14.4	-	-	Feb. 21	-11.7
Faskilly	June 10	27.8	Aug. 22	15.6	Jan. 4	-2.8	Feb. 21	-11.7
Ashintuly Castle	June 10	25.0	Aug. 23	14.4	Jan. 7	-2.8	Jan. 4	-11.1
Perth	June 10, 13, 14	25.0	Aug. 22	15.6	Jan. 4	-1.7	Jan. 10	-9.4
Blairgowrie	June 10	23.3	Aug. 22	15.6	Jan. 5, 7, 11	0.6	Jan. 4, 5	-11.1
Pitreavie	June 10	25.0	Aug. 22	16.0	Feb. 21	-1.9	Jan. 8	-5.2
Ballingry	June 10	23.9	Aug. 22	15.6	Jan. 4, Feb. 21	0.0	Feb. 23, Apr. 2	-6.1
Kirkcaldy	June 10, 30, Aug. 22	23.3	Aug. 22	16.7	Jan. 4	0.6	Feb. 26	-5.6
Cupar	Aug. 22	23.9	Aug. 22	15.6	Feb. 16	1.1	Feb. 21	-12.2
Leuchars	June 30	24.6	Aug. 22	15.8	Jan. 4	-0.6	Feb. 21	-7.2
St. Andrews	June 30	23.9	Aug. 22	15.6	Jan. 4	0.0	Feb. 21	-7.2
Turnhouse	June 10	25.2	Aug. 22	16.6	Jan. 4	-0.3	Feb. 23	-7.2
Edinburgh E. Craig	June 10	24.4	Aug. 22	16.1	Jan. 4	0.0	Feb. 21, 23	-6.7
Davidson's Mains	June 10	24.4	Aug. 22	16.1	Jan. 4, Dec. 14	0.6	Jan. 4, Feb. 17	-5.6
Panicleuk	June 10	25.6	Aug. 23	15.0	Jan. 11, Dec. 26	0.0	Feb. 21, 22	-10.6
Bush House	June 10	23.9	Aug. 23	13.9	Dec. 26	0.0	Feb. 21	-10.0
Edinburgh - Blackford Hill	June 10	25.0	Aug. 22, 23	16.1	Jan. 7, Dec. 26	0.6	Jan. 4, Apr. 2	-5.0
Royal Bot. Gdn.	June 10, 30	23.9	July 1	15.6	Jan. 4	0.6	Jan. 4, Feb. 15, 17	-5.6
1 SCOTLAND E (cont.)								
Haddington	June 30	23.9	Aug. 22	16.7	Jan. 4	0.0	Feb. 17	-11.1
Dunbar	June 30	25.0	Aug. 22, 23	16.7	Jan. 4	(0.6)	Jan. 10, Feb. 21	-4.4
Mertoun	June 17, Aug. 23	25.0	Aug. 22	15.6	-	-	Feb. 23	-11.1
Lauder	June 17	25.6	July 2	13.9	Jan. 4	-1.1	Jan. 4, Feb. 17, 18	-8.3
Marchmont	Aug. 23	23.9	Aug. 22	15.0	Dec. 26	0.6	Jan. 4, Feb. 21	-7.2
Whitechester	Aug. 23	23.3	Aug. 22	(14.4)	Jan. 4, 11, Dec. 26	-0.6	Jan. 4, 5, Feb. 21	-7.8
St. Abb's Head	June 30	24.7	Aug. 22	14.2	Jan. 4	1.0	Apr. 2	-4.9
Stanhope Farm	June 10, 14	24.4	Aug. 22	15.0	Dec. 26	-0.6	Feb. 17	-11.1
Blyth Bridge	June 10	23.9	Aug. 22	15.0	Dec. 16	-0.6	Feb. 17, 21	-8.9
West Linton	June 10	24.4	Aug. 22	13.9	Jan. 7, 11, Feb. 20, 21, Dec. 26	0.0	Feb. 17, 21	-11.7
Glenress	June 10, 13	26.1	Aug. 22	15.6	Jan. 11, Dec. 25	0.6	Jan. 10, Feb. 21	-8.9
Bowhill	June 14	25.6	Aug. 22	15.6	Dec. 14	-1.7	Feb. 21	-9.4
Galauchies	June 17	23.9	Aug. 22	15.0	Jan. 4	-1.1	Feb. 21	-8.3
Wauchope	June 10, 14, 15, 16	25.6	Aug. 22	15.0	Jan. 4, Dec. 26	0.0	Feb. 23	-11.7
Keiso	Aug. 23	25.6	Aug. 22	16.1	Jan. 4	-0.6	Jan. 10	-9.4
Sourhope	June 30	26.1	Aug. 23	15.6	Dec. 26	-1.1	Jan. 4	-8.3
6a SCOTLAND W.								
Tiree	June 11	21.0	Aug. 22	14.4	Feb. 5	2.5	Feb.	

TABLE V (CONTINUED)

DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C
2 ENGLAND, N.E. (cont.)								
Acklington	Aug. 22	25.0	July 22	14.6	Jan. 4	-0.8	Feb. 4	-6.0
Tynemouth	June 30	25.5	Aug. 22	15.9	Jan. 4	0.4	Jan. 4	-4.5
Seahouses	Aug. 22	24.6	Oct. 2	14.6	Jan. 4	0.5	Jan. 4	-4.3
Chopwellwood	June 30	20.1	July 1, Aug. 23	15.6	Jan. 4	0.0	Jan. 10	-6.1
Ushaw	June 30	25.0	July 1	16.1	-	-	Feb. 4	-5.6
Houghall	June 30, Aug. 22	26.7	July 1	15.6	Jan. 1, 11, Feb. 4, Dec. 14, 26	1.1	Jan. 10	-10.0
Durham	June 30	26.1	July 1	15.6	Jan. 1, 4, Feb. 4, Dec. 28	0.6	Jan. 10, Feb. 24	-6.1
Hartlepool	June 30, Aug. 22	27.2	July 1, Aug. 22	16.7	Jan. 4	1.1	Apr. 8	-3.9
Thirsk	Aug. 22	28.1	July 1	16.1	Jan. 4	0.0	Jan. 10	-7.8
Leeming	June 30	27.7	July 1	16.4	Jan. 8	-0.8	Jan. 10	-6.0
York (Heslington)	Aug. 22	27.2	July 1	17.2	Jan. 4, Dec. 13, 14	0.6	Jan. 4	-4.4
Ampleforth	Aug. 22, 23	26.1	July 1	17.8	Jan. 4	0.0	Jan. 4	-5.6
Redcar	Aug. 22	28.3	Aug. 22	16.7	Dec. 26, 27	2.2	Jan. 4, 10, Feb. 4, 24, Dec. 14	-3.9
Pickering	Aug. 22	27.3	July 1	16.7	Jan. 1, 4	0.3	Feb. 4	-10.4
Scarborough	Aug. 22	26.1	July 1	15.6	Jan. 4	1.1	Jan. 4, 13	-3.3
Silpho Moor	July 1, Aug. 22	26.1	July 1	16.7	Feb. 16	-1.1	Jan. 4	-6.1
Whitby C'Guard	Aug. 22	26.7	-	-	Jan. 4	0.0	Feb. 4	-5.6
High Mowthorpe	July 1	26.7	July 1	17.2	Dec. 26	-1.1	-	-
Hull	July 1	28.9	July 1	18.9	Dec. 13, 26, 28	1.1	Jan. 10	-3.9
Leconfield	Aug. 22	26.9	July 1	17.6	Jan. 4	0.3	Jan. 12	-7.6
Filey	June 30, Aug. 22	24.4	July 1	16.7	Jan. 4	0.6	Jan. 13, Apr. 8	-5.6
Bridlington	July 1	23.9	July 1, Oct. 4	14.4	Jan. 4	0.6	Jan. 4, 13, Feb. 4, Dec. 28	-4.4
Kilnsea	Aug. 21	22.0	July 1	16.0	Dec. 27	1.0	Jan. 4	-4.0
Lincoln	July 1	29.4	July 1	17.8	Jan. 12, Dec. 13	0.6	Jan. 10	-11.7
Cranwell	July 1	29.0	July 1	17.0	Jan. 12	-0.5	Jan. 13	-6.5
Brigg	July 1	29.4	July 1	18.3	Dec. 28	0.6	Jan. 10	-5.6
Binbrook	July 1	29.0	July 1	18.2	-	-	-	-
Cleethorpes	Aug. 22	28.3	July 1	18.3	-	-	Jan. 13	-8.3
Manby	July 1	28.7	July 1	17.1	Dec. 28	-0.1	Jan. 13	-8.1
Skegness	June 30, July 1	25.6	July 1	(18.3)	Dec. 26, 28	1.1	Jan. 13	-5.0
3 ENGLAND, E.								
Terrington St. Clements	July 1	30.0	July 2	17.8	Jan. 12, Dec. 13	-0.6	Jan. 13	-7.2
Santon Downham	July 1, 2	30.6	July 2	17.8	Dec. 28	0.0	Jan. 13	-12.2
East Dereham	July 2	30.7	July 2	18.0	Feb. 29, Dec. 13	-0.4	Jan. 13	-14.2
West Raynham	July 2	29.5	July 2	17.6	Jan. 10	-0.5	Jan. 12	-9.7
Cromer	July 2	29.4	July 2	17.8	Jan. 4, 12	1.7	Jan. 13	-14.4
Sproston	July 1, 2	29.4	July 2	18.9	Dec. 14	0.0	Jan. 13	-13.3
Coltishall	July 2	28.9	July 2	17.5	Jan. 1	0.0	Jan. 13	-13.5
Burlingham	-	-	July 2	17.8	Jan. 9, Dec. 29	0.6	Jan. 13	-10.0
Gorleston	July 2	25.5	July 2	17.0	Jan. 1	0.1	Dec. 13	-5.6
Mildenhall	July 1	31.6	July 2	19.3	Dec. 14	-1.2	Jan. 13	-8.6
Broom's Barn	July 1, 2	28.3	July 2	17.8	Jan. 11, Dec. 13	0.0	Jan. 11, 13	-7.2
East Bergholt	July 2	28.3	July 2	17.2	-	-	Jan. 13	-13.3
Watlington	July 2	28.6	July 2	18.0	Jan. 12	-1.0	Jan. 10	-6.6
Lowestoft	June 15	23.9	July 2	17.8	Jan. 11, Dec. 29	0.6	Dec. 13, 30, 31	-6.1
Bowthorpe	July 1	29.4	July 1	17.2	Jan. 13	0.4	Jan. 12	-5.7
Cambridge B.G.	July 1	30.6	July 1	19.4	Jan. 9, Feb. 20, Dec. 13	0.6	Jan. 10	-7.8
Cambridge (N.I.A.B)	July 1	30.6	July 1	19.4	Jan. 9	0.0	Jan. 10, 11	-6.1
Monkswood	July 1	30.6	July 1	18.3	Jan. 9, Feb. 20, Dec. 13	0.0	Jan. 10	-11.7
Wyton	July 1	30.8	July 1	18.9	Dec. 14	-0.9	Jan. 10	-7.8
Woburn	July 1	31.1	July 1	18.9	Jan. 11	-0.6	Jan. 10	-11.7
Luton	July 1	31.0	-	-	Dec. 13	-1.4	(Jan. 10)	(-10.0)
Silsoe	July 1	30.0	July 1	19.4	Jan. 11	-1.1	Jan. 10	-9.4
Cardington	July 1	30.9	July 1	17.8	Dec. 14	-1.0	Jan. 10	-12.0
St. Albans	July 1	31.7	July 1	18.3	Jan. 9, Dec. 13, 28	0.0	Jan. 10	-8.9
Aldenhall School	July 1	32.2	July 1	19.4	Jan. 9, 11, 12, Feb. 20, Dec. 13, 26, 27, 28	0.6	Jan. 10	-10.6
Garston	July 1	32.3	July 1	18.9	Dec. 26	-0.6	Jan. 13	-10.3
Rothamsted	July 1	31.1	July 1	18.3	Jan. 11, Dec. 13	-0.6	Jan. 10	-10.0
Letchworth	July 1	31.1	July 1	20.0	Jan. 11	-0.6	Jan. 10	-12.2
Stanstead Abbots	July 1	30.6	July 1	18.9	Jan. 11, 12	0.0	Jan. 10, 12, 13	-8.9
Hoddesdon	July 1	31.1	July 1	18.9	Dec. 13	0.0	Jan. 13	-7.2
Eastwick Lodge	July 1	30.6	July 1	16.7	Jan. 12	0.0	Jan. 10	-8.3
Harlow	July 1	30.0	July 1	18.3	Jan. 12, Dec. 13, 29	0.0	Jan. 10	-9.4
Stansted	July 1	29.0	July 2	17.5	Dec. 14	-1.1	Jan. 10	-7.6
Writtle	July 1	28.9	July 1	17.2	Jan. 11, 12, Dec. 13	0.0	Jan. 13	-12.8
Southend	July 1	29.4	July 2	19.4	Dec. 12	0.6	Jan. 10	-5.0
Maldon	July 2	28.9	July 2	17.8	Jan. 12, Dec. 12	0.6	Jan. 13	-10.0
Earls Colne	July 1, 2	28.3	July 2	17.2	Dec. 28	0.6	Jan. 13	-12.2
Shoeburyness	July 2	26.6	July 1	17.4	Dec. 14	-1.0	Jan. 13	-6.8
Clacton	July 2	24.4	July 2	17.2	Dec. 28	0.0	Jan. 12	-5.0
Walton-on-Naze	July 2	24.6	July 2	17.6	Jan. 10	-0.1	Jan. 13	-5.5
Dovercourt	July 2	23.9	July 2	17.8	Jan. 10, Dec. 12	0.6	Jan. 13	-7.8
4 MIDLAND COUNTIES								
Slaiburn	June 30	24.4	Aug. 22, 24	16.1	Dec. 26	-0.6	Jan. 10	-7.2
Malham Tarn	Aug. 23	23.3	July 2	14.4	Jan. 11, Dec. 26, 28	-1.7	Jan. 4	-7.2
Huddensfield	June 30	26.7	July 1	18.9	Jan. 9, Dec. 13	0.6	Jan. 10	-9.4
Huddensfield Oakes	Aug. 22	27.5	July 1	18.0	Dec. 26	-0.6	Feb. 24	-5.5
Bradford	June 30	26.7	July 1, Aug. 22	16.7	Jan. 11	0.0	Jan. 10	-7.2
Ilkley	June 30	27.2	Aug. 22	16.1	Jan. 4	0.6	Jan. 10	-6.7
Sheffield	June 30, Aug. 22	27.2	July 1	19.4	Jan. 9	0.0	Jan. 13, Feb. 4, 5	-3.9
Pontefract	Aug. 22	26.7	July 1	17.8	Dec. 13	0.0	Jan. 10	-6.0
Bramham	Aug. 22	27.2	July 1	15.6	Dec. 13	0.0	Feb. 25	-5.6
Cawood	Aug. 22	27.2	July 1	16.1	Dec. 13	0.6	Jan. 8	-6.1
Askham Bryan	Aug. 22	27.8	July 1	17.2	Dec. 14	0.0	Feb. 20	-5.6
Buxton	June 30, Aug. 22	25.0	July 1	16.1	Dec. 26	-1.7	Feb. 4	-8.9
Ashover	July 1	26.1	July 1	17.8	Jan. 9, Dec. 13	-0.6	Jan. 10, Feb. 4	-7.8
Derby	July 1	29.4	July 1	18.9	Jan. 12	0.6	Jan. 10	-8.3
Morley	July 1	28.3	July 2, Aug. 13	15.0	Jan. 9	-0.6	Jan. 10	-8.3
Sutton Bonington	July 1	29.4	-	-	Dec. 13	-0.6	Jan. 10	-8.3
Watnall	July 1	30.7	July 1	18.3	Feb. 8, Dec. 13	-0.2	Jan. 10	-5.8

DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest		Highest		Lowest		Lowest	
	Maximum		Minimum		Maximum		Minimum	
	and date		and date		and date		and date	
4 MIDLAND COUNTIES (cont.)								
Nottingham T.C.	July 1	29.0	July 1	19.3	-	-	-	-
Mansfield	July 1	28.9	July 1	16.7	Jan.10	-1.1	Jan.10	-7.8
Nottingham	July 1	29.4	July 1	19.4	Jan.8, Dec.13	0.0	Jan.10, 11	-5.0
Wansop	July 1	28.9	July 1	17.2	Jan.9, Dec.13	0.0	Jan.10	-10.0
Finningley	July 1, Aug.22	27.9	July 1	18.1	Dec.13	0.9	Feb.4	-6.2
Newtown Linford	July 1	30.0	July 1	17.2	Jan.9, Feb.20, Dec.13	-0.6	Feb.4	-6.7
Caldecott	July 1	31.1	July 1	17.2	Feb.20	-0.6	Jan.10	-10.0
Bugbrooke	July 1	29.4	July 1	16.7	Feb.20, Dec.13	-0.6	Jan.13	-9.4
Raunds	July 1	33.1	July 1	17.8	Jan.11, 12	-0.6	Jan.10	-9.4
Wittering	July 1	30.4	July 1	17.6	Feb.20, Dec.14	-0.7	Jan.13	-7.1
Birmingham K.E.S.	July 1	27.8	July 1	17.2	Dec.26	0.0	Jan.12	-6.1
Edgbaston	July 1	27.2	July 1	18.8	Dec.14	-1.0	Jan.10	-6.2
Luddington	July 1	30.0	July 1	17.8	-	-	Jan.10	-11.1
Stratford-on-Avon	July 1	30.0	July 1	17.8	Feb.20	-0.6	Jan.10	-12.2
Elmdon	July 1	28.2	July 1	18.2	Dec.14	-0.6	Jan.10, 12	-9.4
Shipston-on-Stour	July 1	29.4	July 1, 2	17.2	Feb.20	-1.1	Jan.10	-8.3
Wellbourne	July 1	30.0	-	-	Feb.20	-0.6	-	-
Coventry	June 30	27.2	July 1, 2	15.0	-	-	Jan.10, 12	-6.7
Moreton Morrell	July 1	30.6	July 1	17.8	Feb.20, Dec.13	-0.6	Jan.10	-10.6
Rugby	July 1	29.4	July 1	18.3	Jan.12, Feb.20, Dec.13	-0.6	Jan.10	-10.6
Brize Norton	July 1	31.1	July 1	18.4	Jan.12	-1.6	Jan.12	-9.1
Oxford	July 1	31.7	July 1	20.0	Feb.20, Dec.13	0.0	Jan.10	-7.2
Medmenham	July 1	31.7	July 1	17.2	Dec.13	-0.6	Jan.13	-11.7
Grendon Underwood	July 1	31.1	July 1	18.9	Jan.9, 12, Dec.13, 28	0.0	Jan.10	-13.9
Aylesbury	July 1	31.7	July 1	20.0	Jan.10, Feb.20, Dec.13	-0.6	Jan.10	-12.2
Blotchley	July 1	32.2	July 1	19.4	Feb.20	-0.6	Jan.10	-11.1
Keele	June 30, Aug.23	26.0	July 1	16.1	Dec.13, 26	-0.6	Jan.10	-8.3
Oaken	Aug.23	27.2	July 1	16.1	Dec.26	-0.6	Jan.10	-9.4
Stone	Aug.22, 23	25.6	July 1, 31, Aug.24	15.6	Dec.26	-0.3	Jan.10	-10.0
Penkridge	Aug.23	27.2	July 1, Aug.24	15.6	Jan.11	-1.1	Jan.10	-11.7
Onecote	June 30, Aug.22, 23	23.3	July 1	16.1	Dec.26	-3.3	Jan.10	-7.2
Oswestry	June 30, Aug.22	25.0	July 1, Aug.22, 24	15.0	Jan.9, Dec.9	0.0	Jan.10	-4.4
Shrewsbury	June 30, Aug.22, 23	26.7	July 1, 20, Aug.24	15.6	Jan.9, Dec.26	0.6	Jan.10	-12.2
Shawbury	Aug.23	26.5	July 1	15.6	Feb.8	-0.6	Jan.10	-10.6
Clee Hill	Aug.23	22.4	July 1	17.0	Dec.14	-4.0	Jan.9, 10	-7.7
Newport	Aug.23	27.2	July 1	16.7	Jan.9, 12, Feb.29, Dec.26	0.6	Jan.10	-12.8
Malvern	July 1, Aug.23	27.8	July 1, 2	18.3	Feb.29	0.0	Jan.10, 11	-7.2
Worcester	July 1	28.3	July 1	17.8	-	-	-	-
Pershore Coll.of Hort.	July 1	29.4	July 1, 2	17.8	Feb.7, 20, Dec.13	0.0	Jan.10	-7.8
Ipsley Swgs. Wks.	July 1	28.3	July 1	17.8	-	-	Jan.12	-10.0
Lyonhall	Aug.23	26.7	Aug.24	16.1	Jan.8, 9	0.0	Jan.11	-7.2
Ross-on-Wye	Aug.23	28.3	July 1	18.1	Dec.14	-0.3	Jan.10	-9.0
Preston Wynne	Aug.23	27.2	July 1	18.3	Jan.8, 9, 11, Feb.29, Dec.28	0.6	Jan.10	-10.0
Filton	July 1	27.8	July 1	18.0	Dec.14	-1.3	Jan.10	-6.4
Hempstead	July 1	28.3	July 1	17.8	Feb.20, Dec.27	-0.6	Jan.10	-6.7
Gloucester	July 1	29.2	July 1	19.7	Dec.14	-0.2	Jan.10	-7.6
Cheltenham	July 1	30.0	July 1	18.9	Feb.20	0.0	Jan.10	-8.3
Cirencester	July 1	30.0	July 1, 2	17.2	Dec.13	-0.6	Jan.12	-7.5
Little Rissington	July 1	29.3	July 1	17.9	Dec.14	-2.5	Jan.10	-7.4
5 ENGLAND, S.E.								
Kensington Palace	July 1	32.2	July 1	20.0	Jan.12, Dec.13, 28	0.6	Jan.10	-5.6
Hampstead	July 1	32.2	July 1	20.0	Jan.9	0.0	Jan.10	-6.9
St.James' Park	July 1	32.8	July 2	20.0	Jan.12	1.1	Jan.10, 13	-4.4
Camden Square	July 1	33.3	July 1	20.6	Jan.9, Dec.13, 29	1.1	Jan.10, 11, 12, 13	-5.0
Greenwich	July 1	31.7	July 1	20.0	Jan.10, 11	-0.6	Jan.13	-7.2
Heathrow	July 1	32.6	July 1	20.2	Dec.14	-1.8	Jan.10	-7.8
Hampton	July 1	32.2	July 2	19.4	Dec.13	-0.6	Jan.10	-6.7
Southgate	July 1	32.2	July 1, 2	18.3	Jan.12, Dec.28	0.0	Jan.13	-5.6
Kew	July 1	32.2	July 1	19.5	Dec.14	-1.4	Jan.10	-5.2
Waddon	-	-	July 1	21.1	-	-	Jan.10	-8.9
Addington	July 1	36.6	July 1	20.6	Dec.13	-1.7	Jan.10	-8.3
Bromley	-	-	July 1	19.4	-	-	Dec.14	-8.3
Garwick	July 1	36.8	July 1	17.8	Dec.14	-2.3	Jan.13	-10.6
Wiseley	July 1	31.7	July 1	20.0	Dec.13	-1.1	Jan.10	-8.3
Mickleham	July 1	30.6	July 1	18.9	Dec.13	-1.1	Jan.10	-12.2
Dartford	July 1	32.2	July 1	19.4	Dec.13	0.0	Jan.13	-10.0
Hadlow College	July 1	30.0	July 2	17.2	Dec.13	-0.6	Jan.13	-9.4
Gillingham	July 1	32.8	July 1	18.3	Dec.13	0.0	Dec.14	-7.2
Isle of Grain	July 1	27.2	July 2	20.6	Jan.10	1.1	Jan.10	-3.9
Dungeness	July 1	23.1	July 2, Aug.27	16.5	Dec.13	0.0	Jan.12	-6.0
Whitstable	July 1	30.6	July 2	17.8	Dec.13	0.0	Dec.14	-8.3
Folkestone	July 1	27.2	Aug.28	16.1	Jan.10, Dec.13	0.6	Dec.15	-3.9
Elmstone	July 1	27.8	Aug.28, 29	16.1	Jan.12, Dec.13	0.0	Dec.14	-10.6
Herne Bay	July 1	29.4	July 2	18.3	Dec.13	0.0	Dec.14	-5.6
Dover	July 1	26.1	July 2	19.4	Jan.10, Dec.13	1.1	-	-
Deal	July 2	26.3	July 2	17.2	Dec.14	-1.7	Dec.14	-4.2
Manston	July 1	28.3	July 2	18.0	Dec.14	-2.6	Dec.14	-7.2
Margate	July 2	27.2	July 2	19.4	Jan.11, Dec.13	1.1	Dec.14, 15	-3.9
West Malling	July 1	30.2	July 2	18.5	Dec.13	-1.6	Jan.13	-10.3
Goudhurst	July 1	30.0	July 2	17.2	Dec.13	-0.7	Dec.14	-10.6
East Malling	July 1	30.6	July 1, 2	17.8	Dec.13	-0.6	Jan.13	-11.7
Faversham	July 1	31.1	July 1, 2	18.3	Dec.13	-1.1	Jan.13	-10.6
Wye	July 1	30.0	July 2	20.6	Jan.11	0.0	Jan.13	-10.6
Thornor Island	July 1	28.1	July 1	18.4	Dec.14	-0.8	Dec.15	-7.1
Bognor Regis	July 1, Aug.26, 27	24.4	July 1, 2	17.2	Jan.22	1.1	Jan.10, Dec.14, 15	-4.4
Fernhurst	July 1	31.1	July 1	17.8	Dec.13	-0.6	Jan.13	-7.8
Littlehampton	July 1	29.4	July 1, 2	17.8	Jan.22	1.1	Dec.15	-6.1
Rustington	July 1	29.4	July 1, 2	17.8	Jan.9, 22, Dec.26, 28, 29	1.7	Dec.15	-5.6
Worthing	July 1	27.8	July 2	17.8	Jan.10	0.6	Jan.10, Dec.14, 15	-4.4
Brighton	July 1	31.1	July 2	18.3	Dec.28	0.6	Jan.10, Dec.15	-3.9
Plumpton	July 1	28.9	July 2	18.3	Dec.13	-0.6	Jan.10	-6.7

TABLE V (CONTINUED)

DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest Maximum and date	°C	Highest Minimum and date	°C	Lowest Maximum and date	°C	Lowest Minimum and date	°C
5 ENGLAND, S.E. (cont.)								
Wakehurst Place	July 1	30.0	July 1	18.3	Dec. 13	-1.1	Jan. 10	-7.8
East Hoathly	July 1	30.1	July 1, 2	18.0	Dec. 14	-2.0	Dec. 15	-8.3
Eastbourne	Aug. 26, 27	29.9	July 2	17.8	Dec. 28	1.1	Dec. 15	-5.0
Eastbourne C' Guard	July 1	25.5	July 2	16.5	Dec. 14	-1.7	Dec. 15	-7.2
Bexhill	July 1	29.4	July 2	18.3	Jan. 10, 11, Dec. 13, 29	1.1	Dec. 15	-5.6
Bodiam	July 1	29.4	July 2	16.7	Dec. 13	-0.6	Jan. 13	-11.1
Hastings	July 1	28.9	July 2	18.3	Jan. 10, Dec. 13	0.6	Dec. 15	-4.4
Letcombe Regis	July 1	31.1	July 1	18.9	-	-	Jan. 10	-10.6
Abingdon	July 1	31.5	July 1	20.0	Dec. 14	-1.0	Jan. 10	-10.7
Compton	July 1	31.1	July 1	18.3	-	-	Jan. 10	-12.2
Wallingford	July 1	30.6	July 1	18.9	Jan. 12, Feb. 20, Dec. 13	0.0	Jan. 10	-11.7
Shinfield	July 1	32.8	July 1	19.4	Dec. 13	-1.1	Jan. 10	-8.3
Reading	July 1	31.7	July 1	18.9	Dec. 13	-1.1	Jan. 10	-8.3
Reading (S. T. G.)	July 1	31.7	July 1	19.4	-	-	-	-
Finchampstead	July 1	31.7	July 1	18.9	-	-	Jan. 10	-10.0
Hurley	July 1	32.2	July 1	17.8	-	-	Jan. 13	(-8.3)
Bracknell	July 1	32.5	July 1	19.8	Dec. 13	-0.9	Jan. 10	-7.6
Bournemouth	July 1	27.8	July 2	17.8	Feb. 29, Dec. 28	1.7	Jan. 10, Dec. 15	-5.0
Hurn	July 1	28.7	July 1	17.5	Dec. 14	-0.6	Feb. 4	-8.3
Christchurch	July 1	27.8	July 1	17.2	Feb. 29	1.7	Dec. 15	-6.7
Everton	July 1, Aug. 23	26.7	July 1	17.2	Jan. 10	0.6	Dec. 15	-6.1
Southampton	July 1	29.4	July 2	18.9	Jan. 9, Dec. 13, 28	2.2	Jan. 10	-5.6
Leckford	July 1	29.4	July 1	17.8	Dec. 13	0.0	Jan. 10	-7.8
Martyn Worthly	July 1	30.6	July 1	18.3	Dec. 13	0.0	Jan. 10	-7.8
Southsea	July 1	28.9	July 2	18.9	Jan. 10	1.1	Jan. 10, 11	-3.9
Hayling Island	July 1	28.9	July 1, 2	17.2	Dec. 13, 28	1.7	Jan. 10, Dec. 15	-4.4
Long Surton	July 1	29.4	July 1	17.8	-	-	Jan. 10	-9.4
Alice Holt Lodge	July 1	30.6	July 1	18.9	Dec. 13	-1.7	Jan. 10	-7.8
S. Farnborough	July 1	31.2	July 1	19.2	Dec. 13	-1.3	Dec. 14	-9.0
St. Catherine's Pt.	July 1	26.0	July 1	17.5	Jan. 11	1.0	Jan. 10, 11	-4.0
Ventnor	July 1	25.0	July 1	17.8	Jan. 10, Feb. 24	2.2	Jan. 10	-4.4
Shanklin	July 1, Aug. 24, 26, 27	22.8	July 1	17.2	Feb. 24, Dec. 27, 28	1.7	Dec. 15	-5.0
Sandown	Aug. 24	25.0	July 1, Sept. 10	16.7	Dec. 14	0.6	Jan. 10, Feb. 4, Dec. 15	-3.9
Ryde	July 1, Aug. 23	24.4	July 1, 2, Sept. 10	16.7	Dec. 28	2.2	Dec. 15	-4.4
Lacock	July 1	31.1	July 1	16.7	Feb. 29	0.6	Jan. 10	-6.7
Lyneham	July 1	29.5	July 1	17.7	Dec. 14	-2.6	Jan. 10	-7.7
Larkhill	July 1	30.1	July 1	17.9	Dec. 13	-0.4	Jan. 10	-7.6
Boscombe Down	July 1	28.9	July 1	18.3	Dec. 14	-1.8	Jan. 10, Feb. 4	-7.0
Upavon	July 1	29.0	July 1	18.2	Dec. 14	-2.8	Jan. 10	-7.6
Porton	July 1	29.0	July 1	17.6	Dec. 13	0.5	Dec. 15	-8.3
7a ENGLAND, N.W.								
Sellafield	June 14, 15	26.1	-	-	Jan. 11	1.7	Jan. 10	-5.0
Carlisle	June 13, 14	24.3	Aug. 22	15.7	Jan. 4	0.6	Jan. 10	-7.0
Newton Rigg	June 10, 14, 15, 30, Aug. 23	23.3	July 22, Aug. 22	15.6	Dec. 26	0.0	Jan. 10	-7.8
Spadeadam	Aug. 23	22.8	Aug. 22	14.4	Dec. 26	-1.1	Jan. 4, 8	-8.9
Ambleby	June 14	26.7	July 2, Aug. 24	16.1	Jan. 3	0.6	Jan. 10	-8.3
Great Dun Fell	Aug. 23	19.2	Aug. 23	14.2	-	-	Apr. 2	-11.4
Moor House	Aug. 23	21.7	July 1, Aug. 23	13.9	Jan. 11	-3.9	Jan. 10	-12.8
Squires Gate	June 30	26.4	Aug. 22	17.0	Feb. 8	-0.6	Jan. 10	-7.3
Unwick	June 14	25.6	Aug. 24	16.1	Dec. 16	-1.7	Jan. 10	-7.8
Algharth	Aug. 22	25.5	July 1	16.1	Feb. 8	0.7	Jan. 10	-4.4
Southport	June 30	25.6	Aug. 22	16.7	Jan. 8, Feb. 8	1.1	Jan. 10	-8.3
Poulton-le-Fyde	June 14	25.0	(July 1)	(15.0)	-	-	-	-
Grizedale	June 10, 14	24.4	Aug. 24	15.6	Jan. 11, 12, Feb. 8	1.7	Jan. 10	-8.3
Speke	Aug. 22	27.1	Aug. 24	16.1	Feb. 8	-0.7	Dec. 14	-5.2
Kirkham	Aug. 30, Aug. 22	25.0	Aug. 22	16.7	-	-	Jan. 10, 11	-7.8
Gantang	Aug. 22	25.0	Sept. 9, 10	15.6	Dec. 28	1.7	Jan. 10	-7.8
Balling	June 18	24.5	Aug. 22	16.2	Jan. 11, Feb. 8	1.4	Jan. 10	-6.8
Morecambe	June 30	26.1	Aug. 24	17.2	Dec. 26	1.1	Jan. 10	-6.1
Preston	June 30, Aug. 22	26.1	Aug. 22	16.7	Jan. 8, 9, Feb. 8	1.7	Jan. 10	-9.4
Bolton	June 30	26.1	Aug. 22	16.7	Jan. 8, 9, 11, Dec. 26, 28	1.1	Jan. 10, 11	-6.7
Stonyhurst	June 14	26.1	July 2, Aug. 22	16.7	Feb. 8	0.6	Jan. 10	-8.3
Helmshore	June 30, Aug. 22	23.9	July 1, Aug. 22, 23	15.6	Dec. 26	-1.1	Feb. 9	-8.3
Burnley	June 30	25.6	Aug. 23	16.7	Jan. 11, Dec. 26	0.0	Jan. 10	-10.6
Nelson	June 30	25.7	Aug. 22	16.7	Jan. 11	0.1	Jan. 10	-9.4
Rochdale	June 30	26.7	July 1	17.2	Jan. 11, Dec. 26	0.6	Jan. 10	-8.3
West Kirby Park	Aug. 22	27.2	Aug. 22	16.7	Jan. 9	1.1	Jan. 10	-7.2
Bidston	June 30	25.6	Aug. 22	16.7	Feb. 8	0.6	Dec. 14	-3.3
Ness Gardens	Aug. 22	27.2	Aug. 22	15.6	Jan. 9	0.6	Jan. 10	-6.7
Winnington	June 30, Aug. 22	26.7	Aug. 24	16.7	Feb. 8	1.1	Jan. 10	-6.1
Knutsford	June 30	27.3	Aug. 23	16.7	Dec. 26	0.3	Jan. 11	-7.1
Ringway	June 30	26.4	Aug. 23	17.0	Feb. 8	-1.5	Jan. 10	-7.6
Macclesfield	Aug. 22	26.1	July 1	18.3	Jan. 9, 11, Dec. 28	0.0	Jan. 10	-7.8
7b NORTH WALES								
Rhyl	Aug. 22	26.1	Aug. 22	17.2	Jan. 9, Dec. 9	1.7	Jan. 10	-6.7
Prestatyn	Aug. 22	26.7	Aug. 22	17.2	Jan. 9	0.6	Jan. 10, Feb. 25, Dec. 14	-5.6
Hawarden Bridge	June 30	26.7	Aug. 22	16.1	Jan. 9	0.6	Jan. 10	-7.8
Valley	Sept. 9	24.1	Aug. 22	15.5	Feb. 5	2.6	Mar. 1	-4.8
Colwyn Bay	Aug. 22	25.6	Aug. 22	17.2	Jan. 9	1.7	Dec. 14	-5.0
Alwen	June 30, Aug. 22	24.4	July 1	15.0	Jan. 9	-1.7	Jan. 10	-13.3
Ruthin	June 30	26.7	Aug. 22	16.7	(Dec. 9)	(0.6)	Jan. 10	-10.0
Loggerheads	Aug. 22	26.1	Aug. 22	15.6	Dec. 9	-0.6	Jan. 10	-13.3
Bwlchwyn	Aug. 22	24.4	July 1	15.0	-	-	Jan. 10	-8.9
Wrexham	June 30	26.7	July 20	15.6	-	-	-	-
Bardsey Island	June 11	21.0	Aug. 27	17.4	Jan. 9	3.1	Apr. 2	-1.0
Botwnnog	Aug. 27	23.9	Aug. 22, Sept. 9	15.0	Jan. 9	1.7	Jan. 10, Dec. 15	-4.4
Bryn Adda	June 30, Aug. 22	24.4	Aug. 22	16.1	Jan. 9	1.7	Jan. 10, Dec. 14	-4.4
Aber	Aug. 22	26.7	June 30	16.1	Feb. 5, 24	2.8	Dec. 14	-3.9
Trawsfynydd	-	-	-	-	Jan. 9	0.0	Jan. 10	-7.2
Cowen	June 30, Aug. 22	26.1	July 1	15.6	Jan. 9, Dec. 26	0.0	Jan. 10	-13.9
Celms	June 30	26.7	Aug. 24	16.7	Mar. 1	1.1	Jan. 10, 11	-9.4
Lake Vyrnwy	Aug. 22	23.9	July 1	15.6	Dec. 9	-1.1	Jan. 10	-7.2

DISTRICT AND PLACE	WARMEST				COLDEST			
	DAY		NIGHT		DAY		NIGHT	
	Highest		Highest		Lowest		Lowest	
	Maximum and date	Minimum and date	Maximum and date	Minimum and date	Maximum and date	Minimum and date	Maximum and date	Minimum and date
8a SOUTH WALES								
Aberporth	Aug. 22	24.0	Sept. 9	14.9	Dec. 14	-0.4	Dec. 14	-5.6
Aberystwyth Frongoch	Aug. 22	25.0	Aug. 22, 24, Sept. 10	15.6	Jan. 9	1.1	Jan. 10	-6.7
Gogerddan	Aug. 22	26.1	Sept. 10	16.7	Jan. 9, Dec. 28	2.2	Dec. 14	-7.8
Swddffynnon	Aug. 22	25.6	Aug. 24	16.1	Dec. 28	0.6	Jan. 10	-7.8
Trawscod	Aug. 22	26.1	Sept. 9	16.1	Jan. 9	1.1	Dec. 14, 28	-11.1
Llety-ewan-ben	Aug. 22	23.9	Aug. 22, 24	15.0	Jan. 9	-1.1	Jan. 10	-7.2
Cwmystwyth	June 30, Aug. 22	23.9	Aug. 24	15.6	-	-	Jan. 10	-9.4
Dale Fort	July 31	26.1	Aug. 21	15.0	Dec. 28	3.3	Dec. 14, 15	-2.8
Milford Haven C. B.	Aug. 27	24.6	Sept. 9	15.7	Dec. 14, 28	2.5	Dec. 14	-5.0
Brawdy	Aug. 22	22.8	Aug. 22, Sept. 9	14.4	Feb. 23, Dec. 28	2.8	Dec. 14	-6.1
Orleton	July 20	24.4	Aug. 24	16.7	-	-	Feb. 25	-6.1
Carmarthen	Aug. 22	25.0	July 1	16.7	Feb. 6	1.1	Dec. 14	-6.7
Llandrindod Wells	June 30	25.6	July 1	17.2	-	-	Jan. 10	-12.2
Llwynon	Aug. 23	24.4	July 1	17.2	Jan. 9	0.0	Jan. 10	-8.3
Mumbles	Aug. 23	24.4	Aug. 24	17.4	Dec. 14	0.0	Jan. 10	-4.0
Swansea	Aug. 23	25.6	July 1	18.3	Jan. 9, Mar. 1, Dec. 28	3.3	Jan. 10	-3.9
Port Talbot	-	-	-	-	Dec. 28	2.2	Jan. 10, Feb. 20	-4.4
Neath	June 30	26.1	July 1	18.3	Dec. 28	1.7	Dec. 14	-4.4
Rhoose	Aug. 23	26.0	July 1	17.8	Dec. 14	-0.5	Jan. 10	-5.8
Cardiff	July 1	28.3	July 1, Aug. 24	17.2	Mar. 1	1.7	Jan. 10	-5.0
Tredegar	Aug. 23	25.0	July 1	17.8	Jan. 9	-0.6	Jan. 10	-7.8
Newport	Aug. 24, 25	27.2	July 1	18.9	Jan. 9	1.1	Jan. 10	-5.0
Usk	Aug. 23	27.8	July 1	17.2	Jan. 9	1.1	Jan. 10	-7.2
Crumbland	July 1, Aug. 23	25.6	July 1	16.7	Jan. 9, 12, Feb. 29, Dec. 28	0.0	Jan. 10	-6.7
8b ENGLAND, S. W.								
Hawkrig	-	-	July 1	17.8	-	-	Dec. 14	-6.1
Cannington	Aug. 23	27.2	July 1	17.2	Mar. 1	1.7	Nov. 10	-5.0
Weston-s-Mare	Aug. 23	27.8	July 1	18.3	-	-	-	-
Cricket Malherbie	July 1	28.9	July 1	16.7	Mar. 1	1.1	Jan. 10	-6.1
Cheddar	-	-	July 1, 2, Sept. 10	16.7	-	-	Feb. 8	-5.6
Yeovilton	July 1	29.3	July 1	17.6	Dec. 14	-0.5	Dec. 15	-6.2
Rodney Stoke	July 1	28.3	July 1	19.4	Mar. 1	1.1	Dec. 14, 15	-4.4
Long Ashton	July 1, Aug. 23	28.3	July 1	18.3	Feb. 20	0.6	Jan. 10, Nov. 9	-6.1
West Camel	July 1	30.0	July 1	17.2	Feb. 29	1.7	Dec. 15	-7.8
Wincanton	July 1	28.9	July 1, 2	16.7	Feb. 24, 29	0.6	Jan. 6	-6.1
Bath C. B. S.	-	-	-	-	Feb. 29, Mar. 1, Dec. 26	0.0	Jan. 10	-6.7
Portland Bill C. G.	July 1	25.2	Sept. 10	16.1	Dec. 14	1.6	Jan. 10	-3.1
Weymouth	July 1	26.1	July 1	16.7	Feb. 24, Mar. 1, Dec. 28	2.8	Jan. 10, 11, Feb. 4	-3.9
Winfrith	July 1	27.2	July 1	16.7	Feb. 28, Dec. 28	2.2	Feb. 4, Dec. 15	-6.7
Shaftesbury	July 1	27.8	July 1	17.2	Feb. 28, Dec. 28	0.6	Jan. 10	-6.7
Swange	June 17	23.3	July 1, Sept. 9, 10	16.7	Jan. 10	1.7	Dec. 15	-4.4
Poole	July 1	29.4	July 1	18.3	Feb. 29, Dec. 28	2.2	Feb. 4, Dec. 15	-5.6
Virginstow	Aug. 22	26.3	July 1	14.9	Mar. 1, Dec. 28	1.8	Jan. 10	-5.5
Harland Point	Sept. 9	23.4	Aug. 24	14.8	Dec. 14	1.0	Apr. 2	-5.9
Mount Batten	July 1	26.0	July 1	17.8	Dec. 14	0.8	Jan. 10	-3.6
Plymouth, The Hoe	July 1	26.1	July 1	18.3	Mar. 1, Dec. 28	2.8	Jan. 10, 11	-3.3
Tavistock	Aug. 23	27.2	July 1	16.7	Jan. 22	2.8	Jan. 10, Dec. 28	-5.0
Chivener	June 30	28.0	Aug. 20	16.0	Dec. 14	1.7	Jan. 10	-4.3
Ilfracombe	June 30, Aug. 22	25.6	Aug. 23, 24	16.7	Mar. 1	2.8	Dec. 14	-2.2
Totnes	July 1	25.6	Aug. 20	15.6	Mar. 1	2.8	Feb. 8	-6.6
Slapton	July 1	23.9	July 1, Aug. 24	15.6	Feb. 24, Mar. 1	2.8	Dec. 15	-3.3
Newton Abbot	July 1	25.6	July 1	15.6	Mar. 1	1.7	Jan. 10	-3.9
Torbay (Torquay)	July 1	25.4	Aug. 20	15.8	Mar. 1	2.8	Dec. 15	-3.7
Teignmouth	July 1	25.0	July 20, Sept. 9	16.1	Mar. 1	2.2	Jan. 10, 11, Feb. 8, Dec. 15	-2.2
Staracross	July 1	26.1	July 1, Aug. 13, 20, 27, 28, Sept. 9, 10	15.0	Mar. 1	1.7	Feb. 16, Dec. 15	-3.9
Exeter	July 1	27.5	Sept. 9	15.8	Dec. 14	-0.4	Jan. 10	-5.0
Sidmouth	July 1	25.6	July 1	17.2	Mar. 1	2.2	Jan. 10	-4.4
Scilly	July 21	23.0	Aug. 20	16.2	Feb. 25	4.3	Jan. 10	-0.2
Penzance	July 1, Aug. 27	23.9	Aug. 20, Sept. 28	16.1	Feb. 25	3.9	Jan. 10	-2.2
Gulval	Aug. 27	24.4	Aug. 6, 24	16.1	Feb. 25	3.3	Jan. 10, 11	-2.2
Culdrose	July 1	24.2	Aug. 20, 24, 27	15.2	Feb. 23	3.4	Jan. 10	-4.1
Camborne	Aug. 27	23.9	Aug. 20, 24	15.6	Feb. 24, 25	2.8	Jan. 10	-4.4
Lizard	July 1	24.5	Aug. 24	15.8	Feb. 23	3.7	Feb. 24	-2.2
Falmouth	July 1, Aug. 27	23.9	Aug. 20	15.6	Feb. 23	3.3	Jan. 10	-4.4
Newquay	Aug. 27	24.4	Aug. 20	16.1	Feb. 24	2.8	Jan. 10	-3.9
St. Mawgan	July 1	23.9	Aug. 20	15.2	Dec. 14	1.8	Jan. 10	-5.1
St. Austell	July 1	24.4	July 1, 21, Sept. 9	15.0	Mar. 1, Dec. 28	2.2	Jan. 10	-3.3
Fowey	Aug. 23	25.6	July 1	16.1	Dec. 28	2.2	Jan. 10, 11	-3.9
Rude	Aug. 22	28.3	Aug. 20	16.1	Feb. 5, 23, Mar. 1	3.3	Jan. 10, Mar. 4	-3.9
Elfridge	Aug. 23	26.7	July 1	16.7	Mar. 1, Dec. 28	2.2	Jan. 10	-4.4
9 NORTHERN IRELAND								
Loughmore Forest	June 11	25.0	Aug. 22	15.2	Jan. 11	1.1	Feb. 6	-11.1
Ballyhelly	June 11	26.1	Aug. 22	17.0	Jan. 11	2.4	Feb. 6	-7.7
Derrynoyd Forest	June 11	24.4	Aug. 22	15.5	Jan. 8, 9	1.7	Jan. 10	-11.1
Somersnet Forest	June 16	25.6	Aug. 22	15.0	Feb. 5	1.7	Jan. 10	-6.7
Garvagh Forest	June 11, 16	23.9	Aug. 22	15.6	Feb. 5	1.1	Feb. 6	-7.2
Moneydyg	June 11	24.0	Aug. 22	15.6	Feb. 5	1.1	Feb. 6	-8.4
Ballymoney	June 11	25.0	Aug. 21, 22	15.5	Jan. 8, Feb. 5	2.8	Feb. 6	-6.1
Lisnafellan	June 11	23.3	Aug. 22	15.6	Jan. 11	1.7	Jan. 10, 11	-8.3
Aldergrove	June 14	24.0	Aug. 22	14.7	Jan. 11	1.7	Feb. 6	-6.1
Greenmount	June 10	25.0	Aug. 22, Sept. 10	15.0	Jan. 11, Feb. 5	2.2	Jan. 10	-6.7
Altinahinch	June 11	23.3	Aug. 22	13.9	Feb. 5	0.6	Jan. 10	-6.1
Parkmore Forest	Aug. 22	21.7	Aug. 22	13.9	Dec. 26	0.6	Jan. 10, Feb. 6	-6.7
Black Mountain	June 10, 11	21.6	Aug. 22	13.3	Feb. 5	-0.4	Jan. 10	-5.6
Lowtown	June 10	21.7	June 11, Aug. 22, 23	13.3	Jan. 9	0.0	Jan. 10	-7.8
Ballypatrick Forest	June 11	23.3	Aug. 22	14.8	Jan. 8, 9	1.7	Feb. 6, 23	-5.6
Belfast, Malone	June 14, July 21	23.3	July 20	15.0	Jan. 8, Feb. 5, 6, 7	2.8	Feb. 24	-5.6
Newtownabbey	June 14, Aug. 22	23.3	Aug. 22, 23	15.0	Feb. 5	2.8	Jan. 10	-3.3
Woodburn, North Larne	June 10, Aug. 22	21.7	Aug. 22, 23	13.3	Jan. 8, 9, Feb. 5, 6	1.1	Jan. 10	-6.7
	June 14, Aug. 22	23.3	Aug. 22	14.4	Jan. 7, 8, 9, Feb. 6, 7	3.3	Jan. 10	-4.4
Kilroot	June 14	22.2	July 20, Aug. 22, 23, Sept. 10	13.3	Feb. 5	3.3	Nov. 4	-4.4
Ballylumford	June 14, Aug. 22	22.8	Aug. 21, 22	14.4	Jan. 9	3.3	Feb. 16	-3.3

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	
		°C		°C		°C		°C
9 NORTHERN IRELAND (cont.)								
Hillsborough	June 10	23.3	Aug. 22	15.6	Feb. 5, 6	1.7	Jan. 10, Feb. 16, 23	-4.4
Kilkeel	July 20	22.8	Aug. 20	15.0	Feb. 6	3.0	Feb. 24	-3.3
Tollymore Park	June 14	23.3	July 20, Aug. 21, 22	15.0	Feb. 6, Dec. 26, 27	1.7	Jan. 10, Feb. 6	-4.4
Rosetta	June 14	23.3	July 20	15.0	Jan. 9, Feb. 7	2.8	Feb. 24	-6.1
Stormont Castle	July 20	23.3	July 20, Aug. 22	14.4	Feb. 5	2.2	Jan. 10	-3.9
Crossgar	June 14, July 20	22.8	July 20, Aug. 22	14.4	Jan. 10	2.8	Jan. 10, Feb. 6, 16, 24, Apr. 2	-3.9
Creighton's Green	June 11, 14, 17	21.7	July 20, Aug. 22, 23	14.4	Jan. 8, 9, Feb. 5, 7	2.2	Feb. 23	-3.9
Reagh Island	June 14	25.0	Aug. 22	15.0	Jan. 7	2.8	Feb. 23	-3.9
Helen's Bay	June 14, Aug. 22	22.8	Aug. 22, 23	15.0	Jan. 8, Feb. 5	2.8	Jan. 10, Apr. 2	-2.2
Killough	June 14	22.1	Aug. 22	14.0	Jan. 11	2.5	Feb. 20	-3.6
Armagh	June 10	25.0	Aug. 22	15.6	Dec. 26	1.1	Feb. 23	-5.6
Loughgall	June 10	24.4	Aug. 22	15.6	Jan. 11, Dec. 26	2.2	Feb. 23	-6.1
Glenanne	June 10	24.4	Aug. 22	14.5				
Portadown	June 10	25.0	July 20, Aug. 13, 22	14.4	Jan. 11, Dec. 26	2.2	Feb. 23	-6.7
Lurgan	June 10	24.4	Aug. 22	15.6	Jan. 11	1.7	Feb. 6, 23	-6.1
Lough Bradan	June 10, 11, 16	23.9	Aug. 22	15.0	Jan. 9, Feb. 5	1.1	Jan. 10	-7.8
Baronscourt Forest	June 11, 12, 16	25.6	Aug. 22	15.6	Jan. 6, 11, Feb. 6	1.7	Jan. 10, Feb. 6	-8.3
Strabane Convent	June 10	27.0	Aug. 22	15.9	Jan. 11	2.4	Feb. 6	-10.0
Carrigans	June 10	25.3	Aug. 22	15.5	Jan. 4	1.6	Jan. 10, Feb. 20	-7.0
Lislap Forest	June 10, 11	24.4	Aug. 22	13.9	Dec. 26	0.0	Nov. 4	-7.2
Knockmany Forest	June 10, 14, 16	24.4	Aug. 22	16.0	Jan. 9	1.7	Jan. 10, Nov. 4	-7.2
Pomeroy Forest	June 10	23.9	Aug. 22	13.3	Feb. 5	0.6	Jan. 10	-7.2
Cookstown	June 14	24.4	Aug. 22	15.0	Jan. 11, Feb. 5	1.7	Jan. 10	-7.8
Roscor	June 11	25.6	Aug. 22	15.5	Jan. 7, 9	1.7	Feb. 6	-6.1
Lough Navar Forest	June 10, 16	25.0	Aug. 22	15.7	Jan. 9, Feb. 5	1.7	Feb. 6	-7.2
C. Archdale Forest	June 10	25.0	Aug. 22	15.6	Jan. 7	1.7	Feb. 6, 23	-7.2
Linaskea	June 10	25.6	Aug. 22	15.6	Jan. 7, 11, Feb. 8	2.2	Jan. 10, 11, Feb. 20, 23	-6.7
Pubble Forest	June 10	26.7	Aug. 22	15.2	Feb. 9	1.1	Jan. 10, Feb. 6	-7.8
CHANNEL ISLES								
Guernsey Airport	July 1	29.5	July 1	20.7	Dec. 13	2.5	Dec. 14	-3.7
Guernsey L'anresse	July 1	28.3	July 1	17.8	Dec. 13	2.8	Feb. 4, Dec. 14	-2.2
Alderney	July 1	27.2	July 1	18.3	Dec. 13	1.7	Dec. 14	-1.7
Jersey Airport	July 1	31.2	July 1	19.4	Dec. 13	0.3	Dec. 14	-5.0
Jersey St. Helier	July 1	32.2	July 1	21.1	Dec. 13	0.0	Dec. 14	-3.9

TABLE VI—NUMBER OF DAYS ON WHICH THE DURATION OF SUNSHINE WAS BETWEEN GIVEN LIMITS IN EACH MONTH OF 1968

STATION	JANUARY				FEBRUARY				MARCH				APRIL				MAY				JUNE			
	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.	Sunless	0.1 - 3.0 hr.	3.1 - 6.0 hr.	6.1 - 9.0 hr.
Lerwick	13	15	3	0	4	13	7	5	0	10	9	7	5	0	5	7	8	4	6	7	7	8	4	5
Stornoway	14	12	5	0	4	10	10	5	0	7	12	5	5	2	0	10	11	1	8	2	6	6	8	9
Craibstone	11	12	8	0	5	8	10	6	0	5	12	9	4	1	1	9	4	11	5	5	9	6	8	3
Rothesay	24	3	4	0	15	9	3	2	0	15	2	7	5	2	6	3	5	10	6	10	1	4	7	9
Abbotsinch	12	10	9	0	10	10	7	1	1	7	8	8	6	2	1	8	8	6	7	6	7	5	6	7
Eskdalemuir	15	12	3	1	10	8	5	6	0	7	10	11	3	0	2	12	6	4	6	2	11	10	4	4
Douglas	14	11	5	1	8	9	5	5	2	4	11	6	9	1	2	11	1	8	8	4	7	5	5	10
Acklington	8	16	5	2	10	7	6	6	0	3	14	6	5	3	1	6	8	8	7	3	14	6	3	5
Gorleston	11	18	0	2	14	9	3	3	0	5	12	4	6	4	1	4	8	7	10	2	12	5	3	9
Cambridge (N.I.A.B.)	13	13	4	1	11	14	3	0	1	5	9	6	7	4	2	8	7	6	7	2	12	6	5	6
Edgbaston	15	11	3	2	11	10	6	2	0	4	14	8	2	3	2	9	8	6	5	3	13	6	6	3
Kew	15	8	8	0	8	12	5	3	1	4	7	10	6	4	0	8	5	8	9	2	10	5	7	7
Hastings	12	11	7	1	11	7	3	7	1	3	7	11	6	4	2	6	8	7	7	2	8	6	6	9
Southampton	15	10	5	1	7	11	7	1	3	4	5	9	10	3	0	7	7	6	10	2	9	5	6	9
Stonyhurst	16	11	4	0	9	7	7	6	0	5	13	10	2	1	-	-	-	-	-	-	-	-	-	-
Bidston	12	15	2	2	11	8	3	7	0	5	10	12	3	1	1	6	6	10	7	3	8	5	8	7
Valley	16	11	3	1	5	7	8	7	2	5	12	4	7	3	2	6	5	11	6	4	5	6	7	9
Falmouth	14	10	6	1	12	5	7	5	0	4	8	8	6	5	-	-	-	-	-	3	8	4	4	12
Aldergrove	15	10	6	0	6	9	7	6	1	6	10	8	6	1	1	5	10	7	7	4	7	5	10	5
Armagh	16	10	5	0	8	4	11	6	0	7	9	6	9	0	1	6	15	4	4	5	4	11	6	5

TABLE IX—SUMMARY OF AUTOGRAPHIC RECORDS OF WIND FOR THE YEAR 1968

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
							No. of Days	Duration		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
								1968	AV.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
0 SCOTLAND N.								hr.	hr.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

TABLE X (CONTINUED)

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
6a SCOTLAND W.																										
Tiree	245	84	207	68	58	20	23	25	71	190	345	815	1651	58	23	50	15	9	0	0	0	7	64	56	43	325
Cumbarnauld	/	/	/	/	/	/	/	/	[22]	[74]	33	[0]	/	/	/	/	/	/	/	/	/	/	17	0	0	/
Paisley	/	7	91	1	0	1	0	1	16	52	18	12	/	/	0	9	0	0	0	0	0	0	5	3	1	/
Abbotsinch	44	9	85	4	1	0	0	0	14	40	7	7	211	11	0	11	0	0	0	0	0	0	1	0	0	23
Lowther Hill	[76]	/	127	/	[32]	15	[43]	28	123	220	283	102	*	[44]	/	22	/	0	0	0	1	23	50	37	30	*
Hunterston	[42]	[3]	90	17	0	0	0	0	6	33	31	14	*	12	[0]	19	0	0	0	0	0	0	0	1	0	0
Prestwick	61	14	86	13	2	0	0	0	7	43	25	22	273	19	0	33	0	0	0	0	0	0	0	0	0	52
Chapelcross	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
Eskdalemuir	106	8	156	20	0	1	6	1	31	66	43	72	510	26	0	22	0	0	0	0	0	1	3	1	5	58
West Freugh	107	15	69	10	1	1	13	0	17	21	[22]	24	*	20	3	7	0	0	0	0	0	0	0	0	0	30
6b ISLE OF MAN																										
Ronaldsway	133	34	131	28	7	0	27	0	35	62	159	82	698	28	5	21	0	0	0	5	0	7	1	1	5	73
Point of Ayre	159	31	161	33	5	8	21	2	49	109	188	126	892	40	4	33	1	0	0	4	0	3	5	20	6	116
2 ENGLAND N.E.																										
Durham	101	14	175	19	1	3	9	1	23	31	6	[16]	*	25	0	52	1	0	0	3	0	1	4	0	0	86
South Shields	52	5	109	4	0	0	8	3	8	15	72	33	309	13	0	18	0	0	0	0	0	0	0	0	1	32
Leeming	51	7	119	5	0	0	9	11	5	16	3	4	230	15	0	11	0	0	0	0	0	0	0	0	0	26
Middlesbrough	[69]	16	171	23	1	[7]	35	3	29	32	46	49	*	[16]	2	45	1	0	0	6	0	0	0	0	0	*
Silpho Moor	[93]	[10]	[141]	/	[2]	[3]	17	4	[49]	/	53	[18]	/	[14]	0	[39]	/	0	2	0	5	/	6	3	/	/
Leconfield	66	7	118	7	0	2	7	9	19	5	[1]	[15]	*	13	0	11	0	0	0	0	0	0	0	0	0	24
Cranwell	34	2	51	8	1	3	1	0	[9]	2	4	9	*	3	0	2	0	0	0	0	0	0	0	0	0	5
Binbrook	95	14	166	15	0	3	11	2	45	6	20	40	417	10	1	22	0	0	0	0	0	0	0	0	1	34
Manby	36	1	98	3	1	1	9	1	8	1	17	5	181	1	0	4	0	0	0	0	0	0	0	0	0	5
3 ENGLAND E.																										
Gorleston	88	57	125	4	3	14	9	17	48	[6]	104	39	*	4	5	6	0	0	0	3	0	1	0	0	3	22
Mildenhall	54	6	125	14	5	11	7	0	17	3	14	13	269	2	0	7	0	0	0	2	0	0	0	0	0	11
Bedford	65	5	123	10	3	[0]	[0]	4	41	8	7	20	*	4	0	12	0	0	0	0	0	0	0	0	0	16
Cardington	75	9	151	16	7	15	8	0	36	4	3	19	343	8	0	10	0	0	0	0	0	1	0	0	0	19
Garston	13	0	39	0	0	1	0	0	2	0	0	2	57	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothamsted	38	1	87	1	0	3	4	0	9	0	4	8	155	2	0	5	0	0	0	0	0	0	0	0	0	7
Stansted	20	0	55	2	0	1	6	0	1	0	3	91	*	0	0	1	0	0	0	0	0	0	0	0	0	1
Coryton	50	[12]	[121]	3	5	*	*	*	*	*	*	*	*	1	0	5	0	0	*	*	*	*	*	*	*	*
Shoeburyness	94	42	[148]	12	17	48	20	4	45	10	40	50	*	5	3	11	0	0	1	4	0	2	0	0	2	28
4 MIDLAND COUNTIES																										
Sheffield	88	10	100	5	2	3	*	4	19	16	16	15	*	29	0	7	1	0	0	*	0	0	0	0	2	*
Church Fenton	71	6	121	6	1	0	10	[2]	18	11	5	10	*	17	0	30	0	0	0	0	0	0	0	0	0	47
Edgbaston	55	6	75	0	0	1	0	0	8	0	0	3	148	2	0	0	0	0	0	0	0	0	0	0	0	2
Elmdon	83	8	125	5	2	9	2	1	19	10	5	17	286	9	0	11	0	0	0	0	0	0	0	0	2	22
Amersham	47	6	[103]	4	4	40	[10]	15	[40]	/	/	/	/	5	0	[7]	0	0	0	0	0	2	/	/	/	/
Keele	86	5	135	10	2	5	3	0	31	7	24	7	315	7	0	5	0	0	0	1	0	0	0	0	0	13
Pershore	50	10	141	8	6	12	0	0	34	4	4	14	283	7	0	13	0	0	0	0	0	0	0	0	0	20
5 ENGLAND S.E.																										
London W./Centre	23	2	103	3	2	7	7	1	15	4	7	10	184	0	0	4	0	0	0	0	0	0	0	0	0	4
Heathrow	28	6	75	3	1	2	3	0	9	0	2	12	141	0	0	3	0	0	0	0	0	0	0	0	0	3
Hampton	43	6	113	2	7	11	6	1	15	1	14	12	231	0	0	10	0	0	0	0	0	0	0	0	0	10
Kew	36	4	80	3	3	4	2	2	13	4	9	13	173	0	0	2	0	0	0	0	0	0	0	0	0	2
Gatwick	21	1	47	0	1	1	0	0	9	1	0	15	96	0	0	1	0	0	0	0	0	0	0	0	0	1
Isle of Grain	42	13	[82]	1	3	26	11	1	13	2	0	8	*	0	0	1	0	0	0	0	0	0	0	0	0	1
Dover	40	38	[75]	16	[8]	15	8	5	56	13	35	60	*	0	0	[1]	0	0	0	0	0	3	0	0	2	*
Manston	61	21	103	9	13	32	11	0	17	14	21	65	367	0	0	3	0	0	0	1	0	1	1	0	1	7
Thorney Island	49	12	83	7	23	31	1	1	34	10	0	22	273	0	3	0	0	0	0	0	0	0	0	0	1	4
Abingdon	19	1	46	1	0	0	0	0	10	0	1	5	83	2	0	1	0	0	0	0	0	1	0	0	0	4
Hurn	23	8	67	2	8	3	0	1	15	6	0	16	149	0	0	2	0	0	0	0	0	0	0	0	0	2
Calshot	12	8	33	3	7	29	1	1	27	7	2	16	146	0	1	0	0	0	0	0	0	0	0	0	0	1
Sth. Farnborough	42	5	82	2	2	6	2	2	15	0	0	9	167	0	0	5	0									

TABLE XI—OCCASIONS ON WHICH THE MAXIMUM HOURLY MEAN WIND WAS 41 KNOTS OR MORE (STRONG GALE) DURING 1968

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	
0 SCOTLAND N								
Lerwick	Jan 3	12	010	42	1145	010	59	12, 13
	Jan 6	03	060	41	0205	050	63	01-03
	Jan 14	15	230	42	1445	250	63	14-17
	Feb 4	11	180	47	1210	170	67	05-22
	Apr 2	15	020	45	1630	040	70	01, 04-10, 11-18
Kirkwall	Jan 3	12	350	43	1205	360	60	12-16
	Feb 4	11	160	43	1020	160	67	07-15
	Apr 1	21	350	43	2120	350	57	21-24
	Nov 1	06	050	43	0800	040	57	04-11
Dounreay	Dec 23	20	330	43	0710	300	67	05-08, 11, 12, 16-22
Stornoway	Feb 4	06	160	45	0615	160	57	04-13
	Jan 12	24	180	42	2310	180	58	19, 20, 22-24
	Jan 13	16	180	42	0030	180	57	01-03, 14-18
	Jan 19	20	230	42	2050	230	55	17-24
	Jan 20	03	230	41	0155	230	56	01-06
	Feb 3	24	180	45	2345	180	60	21-24
	Feb 4	06	170	68	0530	170	88	01-08
	Mar 20	11	200	42	1040	200	61	10-12, 19-24
	Oct 12	06	220	41	0020	240	74	01-07, 09-15, 22
	Oct 13	02	240	41	0130	240	70	01-07
	Oct 30	23	050	42	2305	050	57	19-24
	Nov 1	08	040	42	0655	040	64	07-10
Benbecula	Feb 4	05	170	45	0445	170	65	01-06
	Mar 17	09	250	42	1125	260	70	06-17
Corpach	Jan 15	03	240	58	0115-0620	240-270	>92	01-07
	Jan 31	19	200	42	1655	200	71	19-20
	Jan 13	19	250	45	1850	270	79	16-24
	Jan 14	(23)	260	43	2330	270	79	01, 05-11, 13-16, 22-24
	Jan 15	(24)	270	43	0115-0330	280	>93	01-08, 10, 13
	Jan 20	(02)	280	45	0150	280	74	01-15
	Jan 29	(05)	280	45	2005	290	78	01-24
	Jan 30	(01)	290	42	0010	280	68	01-08
	Jan 31	(06)	310	42	2015	270	78	13, 19-24
	Feb 1	01	310	41	0005	310	60	01, 02
	Feb 4	09	220	51	0630	230	73	03-13
	Feb 28	22	250	41	2240	250	62	06, 08, 13-15, 20-24
	Feb 29	(02)	250	42	0150	250	62	01-10
	Mar 5	03	300	45	0435	310	69	01-20
	Mar 13	(01)	130	43	0350	150	67	01-05, 11, 14-17
	Mar 16	(13)	-	52	1345	-	88	07-24
	Mar 17	(16)	-	46	0845	-	76	01-24
	Mar 26	(17)	-	59	1930	-	88	11-21
	Mar 27	(12)	-	59	1900	-	88	09-24
	Mar 28	(13)	-	59	1900	-	88	09-24
	Mar 28	02	-	47	0140	-	68	01-04, 06
	July 3	19	240	41	1905	240	63	16-24
	Oct 11	23	230	45	2255	230	77	18-24
	Oct 12	(18)	240	48	1705	240	102	01-03, 08-24
	Oct 13	(24)	250	48	0605	260	84	01-20
	Oct 20	13	220	41	0640	210	78	01, 03, 05-07, 09, 11-15, 17-19
	Nov 12	20	160	49	1515	160	67	02-04, 06-24
	Nov 13	14	150	49	1330	150	72	01-24
	Nov 14	01	160	41	0055	150	62	01-10, 14-18, 20, 22-24
	Nov 21	20	-	41	1950	-	63	18-24
	Nov 25	17	-	43	1620	-	74	14-24
	Nov 26	06	-	44	0530	-	70	01-13
	Dec 19	20	-	42	2005	-	57	19-21
	Dec 22	14	-	49	1430	-	62	01-04, 07, 09-16, 23, 24
1 SCOTLAND E.								
Lossiemouth	Apr 1	21	340	42	2025	340	59	21-22
Beil Rock	Jan 15	05	240	65	0410	240	96	01-11
	Jan 31	22	240	45	2140	250	60	19-24
	Oct 13	11	260	43	1040	260	58	01-14
Rannoch	Jan 15	02	240	62	0130	240	>93	01-02
Leuchars	Jan 15	04	230	56	0315	230	92	03-10
Forth Road Bridge	Jan 15	06	240	68	0505	240	>94	01-12
	Jan 31	21	230	43	2035	230	62	18-24
	Mar 5	11	270	41	1255	280	54	11-14
	Mar 16	21	250	43	2100	260	64	14-23
Turnhouse	Jan 15	05	250	62	0430	250	90	02-11
6a SCOTLAND W.								
Tiree	Jan 3	07	320	44	0645	330	72	07-09, 12-17
	Jan 14	24	220	59	2350	220	89	22-24
	Jan 15	03	240	67	0225	240	102	01-09
	Jan 31	19	290	43	1730	250	68	16-22
	Feb 4	07	180	48	0700	180	72	01-08
	Mar 17	17	250	43	0415	270	83	02-21
	Apr 1	20	350	42	1940	350	57	18-21
	Oct 12	08	200	42	0010	220	63	01-19, 23, 24
	Dec 22	01	130	41	0025	130	58	01, 02, 07-12, 21-24
Abbotsinch	Jan 15	03	250	53	0255	250	89	01-08
Lowther Hill	Jan 14	23	230	44	2300	230	80	23, 24
	Jan 15	06	270	76	0425	270	108	01-17
	Mar 5	12	290	57	1125	290	69	04, 05, 10-22
	Mar 16	19	280	49	1910	280	73	16-23
	Sept 27	24	180	42	2310	180	63	17, 19-24
	Nov 7	05	100	45	0350	100	59	04-08
	Nov 13	21	110	45	0555	120	53	05-09, 11-17, 19-22
	Dec 22	23	270	52	0150	160	69	01-03, 10-16, 21-24
	Dec 23	03	290	52	0215	300	77	01-10
Hunterston	Jan 15	04	250	48	0240	250	83	01-08
Prestwick	Jan 15	04	250	50	0345	260	90	01-07
Eskdalemuir	Jan 15	04	240	49	0520	250	87	02-10
West Freugh	Jan 15	04	270	41	0035	260	71	01-04
6b ISLE OF MAN								
Ronaldsway	Jan 15	05	240	42	0105	230	66	01-08, 10
	Feb 4	11	190	42	1100	190	59	09-13
Point of Ayre	Jan 14	24	230	41	2330	230	64	22-24
	Jan 15	03	230	42	0505	240	69	01-12
	Nov 2	02	050	41	0205	050	61	01-07
2 ENGLAND N.E.								
Durham	Jan 15	08	280	45	0655	280	90	06-12
Leeming	Jan 15	07	270	43	0520	260	69	01-10
Middlesbrough	Mar 6	17	340	43	1920	350	66	02-05, 07, 10-24
Binbrook	Mar 6	16	340	42	1545	350	65	14-18
	Mar 20	11	230	42	1035	230	60	10-13
3 ENGLAND E.								
Corleston	Mar 6	19	360	41	1630	350	55	17-24
Shoeburyness	Jan 9	06	110	41	0810	110	51	03-13
4 MIDLAND COUNTIES								
Church Fenton	Jan 15	07	260	44	0555	260	68	01-12
7a ENGLAND N.W.								
Carlisle	Jan 15	05	230	48	0450	250	70	03-08
Spadeadam	Jan 15	03	230	41	0220	330	68	01-05
Great Dun Fell	Jan 9	09	070	42	0810	080	49	05-11
	Jan 14	24	230	55	2335	240	92	17-24
	Jan 15	05	240	86	0305	230	116	01-19
	Jan 31	13	220	45	1535	220	65	04-24
	Mar 5	11	250	41	1135	260	52	10-12, 17-19
	Mar 6	11	010	50	2040	020	62	08-24
	Mar 7	01	020	43	0120	030	54	01-03
	Mar 16	19	240	56	1825	250	75	12-24
	Mar 17	24	240	54	2320	240	73	01-24
	Mar 18	01	240	48	0015	240	63	01-14
	Mar 19	16	220	45	1530	220	58	13-23
	Mar 23	23	210	56	2235	210	74	05-24
	Mar 25	22	220	43	2055	220	53	12-24
	Mar 26	14	220	47	1310	220	57	01, 10-24
	Mar 27	01	220	44	0015	220	54	01-05, 10-21, 24
	July 3	11	230	46	0930	230	58	09-16
	July 16	22	040	43	2120	040	53	17-24
	Sept 15	05	050	47	0425	050	55	01-24
	Sept 16	06	040	45	0510	040	55	01-18, 20-22
	Sept 28	08	210	50	0735	210	66	01-13
	Oct 10	06	210	44	0435	190	61	05-11
	Oct 11	17	220	47	1715	220	68	15-23
	Oct 12	17	220	48	1555	220	65	02-08, 12, 24
	Oct 13	03	230	44	0210	230	60	01-16
	Nov 6	16	080	44	1600	080	54	08-19, 21-24
	Nov 7	14	070	50	1315	070	60	01-07, 09-17
	Nov 25	16	220	52	1455	220	65	11-20
	Dec 18	(08)	060	48	0855	050	56	01-15
		(09)	060	48	0855	050	56	01-15
		(10)	060	48	0855	050	56	01-15
	Dec 22	16	210	48	1430	210	64	01-18, 22-24
	Dec 23	02	250	45	0120	250	61	01-06, 09
	Jan 3	13	260	45	1200	240	55	12-17
Moor House	Jan 15	08	-	48	0345	-	81	01-15
	Jan 29	07	240	43	0630	240	61	06, 07
	Mar 16	13	220	42	1145	220	58	10-14, 19-24
	Dec 23	08	260	43	0100	260	60	01-06
Squires Gate	Jan 14	23	240	46	2215	240	63	19-24
	July 3	04	260	44	0340	260	63	01-07
Speke	Jan 14	23	250	44	2215	260	66	22-24

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
		Hour ended at	Direction	Speed	Time	Direction	Speed	
7b NORTH WALES Valley	Jan 14	22	210	43	2025	200	60	17-24
	Jan 15	02	240	41	0920	240	55	01-06
	Feb 4	12	180	46	1100	180	61	08-14
	Mar 23	19	190	43	1825	190	57	05-21
	Sept 20	06	220	45	0515	220	64	05-14
	Sept 27	24	200	48	2330	200	68	14-24
	Sept 28	01	220	43	0020	220	59	01-09, 20
8a SOUTH WALES Milford Haven C.B.	Sept 20	11	230	42	1020	230	63	02-06, 10-16
	Dec 22	14	250	41	1410	260	63	12-16
8b ENGLAND S.W. Portland Bill	Jan 2	03	310	44	0455	310	58	01-09, 11
	Jan 5	12	240	46	1325	240	55	09-18
	Jan 9	04	280	48	0310	280	63	02-09, 17, 19, 20
	Jan 13	23	240	42	2225	240	50	20-24
	Jan 14	05	250	46	2350	250	63	01-24
	Jan 15	01	250	51	0245	260	65	01-10
	Jan 16	22	240	42	1935	230	52	10-24
	Feb 4	20	200	48	1955	250	65	12-20
	Feb 11	17	080	47	1245	080	56	01-22
	Mar 16	19	220	42	1920	220	55	16-24
	Mar 17	22	260	41	0355	270	59	02, 03, 05, 06, 08-11, 14-16, 18, 20-24
	Mar 23	24	190	47	2135	190	60	01-24
	Mar 24	01	190	43	0020	200	57	01-05, 22-24
	Apr 1	22	240	41	1845	240	51	18-24
	Apr 2	22	260	42	1020	020	54	01, 02, 11, 18, 21-23
	May 10	18	230	44	1755	230	56	04, 06-08, 16-22
	Sept 1	24	200	43	2320	200	60	24
	Sept 19	23	170	43	2250	170	56	20-24
	Sept 20	14	250	48	1340	250	59	01-24
	Sept 23	13	280	42	1250	280	53	03, 05-24
8b ENGLAND S.W. -cont. Portland Bill - cont.	Sept 27	23	240	43	2240	240	53	12, 15-17, 19-24
	Sept 28	01	240	44	0555	250	58	01-24
	Oct 11	17	230	45	1720	220	56	11-21
	Nov 14	24	090	51	2225	100	60	07-24
	Nov 15	03	090	50	0030	090	59	01-24
	Nov 16	02	070	41	0020	070	50	01-05
	Dec 15	09	160	44	0950	170	57	05-10
	Dec 20	09	170	44	0940	200	58	05-12, 19-24
	Dec 21	05	280	44	2320	170	58	01-06, 22-24
	Dec 22	18	250	50	1710	250	72	01-03, 06-08, 11, 13-24
	Dec 22	16	260	43	1645	270	71	10-18
Scilly Lizard	Jan 6	16	270	41	1730	270	56	15-19
	Jan 8	24	280	43	2225	280	53	23, 24
	Mar 23	22	210	42	2205	210	57	11-24
	Nov 14	20	100	42	2220	100	58	09-24
	Nov 15	17	100	43	0355	090	65	01-24
	Dec 22	17	270	51	1255	270	72	05, 06, 09-22
9 NORTHERN IRELAND Ballykelly	Jan 15	02	240	43	0310	250	74	01-04
	Jan 14	22	220	42	2240	220	64	22-24
Belfast Harbour	Jan 14	22	230	44	2045	240	76	21-24
Kilkeel	Feb 4	09	190	41	0815	190	58	07-10
	Jan 14	21	230	42	2045	230	70	20-24
	Jan 14	22	220	43	2125	230	70	20-24
Glenanne Carrigans	Jan 14	21	230	42	2045	230	70	20-24
CHANNEL ISLES Jersey Airport	Jan 6	20	260	42	1910	270	60	02, 04, 05, 08, 19-24
	Jan 9	04	280	44	0355	290	76	02-13

TABLE XII—DATES ON WHICH GUSTS EXCEEDED 47KT. DURING 1968

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 SCOTLAND, N. Lerwick	Jan. 3, 6, 10, 14, 25, 27, 29. Feb. 1, 4, 6. Mar. 3-5, 12, 13, 16-18, 26, 27, 31	Lowther Hill	Jan. 14, 15, 17, 25, 26, 31. Incomplete record, February. Mar. 5, 16, 20, 27. Incomplete record, April. Aug. 18. Sept. 20, 27, 28, 30. Oct. 10-13, 16, 19, 20, 31. Nov. 2, 7, 12-15, 23-25. Dec. 12, 20-23.
Kirkwall	Apr. 1-4. May 5, 6. Oct. 10, 30, 31. Nov. 1, 26. Dec. 20, 21, 23, 24, 28.	Hunterston	Jan. 3, 14, 15, 31. Mar. 16-18. Nov. 1.
Dounreay	Jan. 3, 10, 14, 23-25, 27, 29. Feb. 4, 6. Mar. 3-6, 13, 16-18. Apr. 1-4, 8. May 5, 6.	Prestwick	Jan. 3, 14, 15, 31. Mar. 16-18.
Wick	June 26. Oct. 10, 13, 30, 31. Nov. 1-3, 12, 14, 24. Dec. 18, 20-23, 26-28.	Chapelcross	Anemograph out of order, January-August. Record ceased, August.
Shin	Jan. 23, 25, 27-29. Feb. 4. Mar. 5, 16-18. Apr. 1. Dec. 20, 23, 27.	Eskdalemuir	Jan. 3, 14, 15, 24-26, 31. Mar. 5, 16, 18, 26, 27. Sept. 28. Oct. 11, 12, Nov. 2. Dec. 22, 23.
Stornoway (C.G.)	Jan. 3, 23, 25. Feb. 4. Mar. 5, 16-18. Apr. 1, 2. May 5. Nov. 1, 13. Dec. 19, 23, 27.	West Freugh	Jan. 3, 14, 15, 17, 25. Feb. 4. Mar. 5, 17.
Duirinish	Mar. 16, 17. Sept. 30. Oct. 11-13. Nov. 26. Dec. 12.	6b ISLE OF MAN Ronaldsway	Jan. 1-3, 8, 9, 14, 15, 31. Feb. 4. Mar. 6, 16-18. July 2, 3. Sept. 20, 27. Oct. 10. Nov. 2. Dec. 19, 22.
Benbecula	Jan. 3, 12-14, 19, 20, 24, 26, 27, 29. Feb. 3, 4, 27, 29. Mar. 5, 13, 16, 17, 24, 26, 27. Apr. 1-3. May 5. June 5. Aug. 30. Oct. 11-13, 15, 16, 19, 20, 30, 31. Nov. 1, 2, 21, 23, 25, 26. Dec. 12, 13, 19.	Point of Ayre	Jan. 1, 3, 8, 9, 14, 15, 17, 31. Feb. 4. Mar. 16-19, 23. Apr. 1. July 3. Sept. 27, 28. Oct. 31. Nov. 1, 2. Dec. 21-23.
Corpach	Jan. 14, 15, 31. Mar. 16, 17. Oct. 11-13, 16. Nov. 25, 26.	2 ENGLAND, N.E. Durham	Jan. 3, 7, 10, 14, 15, 31. Mar. 5, 6, 16-19, 26, 27. Apr. 20. July 3. Sept. 28. Oct. 12, 13.
Fort Augustus	Jan. 2, 14, 15, 23, 31. Feb. 4. Mar. 16-18, 22, 23. Apr. 1, 2. May 5. Sept. 30.	South Shields	Jan. 3, 15. Mar. 6, 16, 17. Dec. 27.
Cairngorm	Oct. 11-13, 16, 19, 31. Nov. 1, 12, 13, 25, 26. Dec. 12, 19, 21-23.	Leeming	Jan. 14, 15. Mar. 6, 16-18, 27.
	Jan. 8, 9, 13-15, 27, 29, 31. Feb. 4. Mar. 5, 14, 16-19, 26-28, 31. Apr. 16. Oct. 11-13. Nov. 25. Dec. 20, 23.	Middlesbrough	Jan. 3, 7, 14, 15. Feb. 4. Mar. 6, 7, 16-18, 23, 24, 26. Apr. 1. July 3.
	Jan. 15. Feb. 4. Nov. 13.	Silpho Moor	Jan. 3, 7, 10, 14, 15. Mar. 6, 16-20, 23, 27. Anemograph out of order, April. July 3. Sept. 28. Anemograph out of order, October. Nov. 2. Dec. 20.
1 SCOTLAND, E. Kinloss	Jan. 8, 10, 13-15, 18-20, 23, 25-31. Feb. 1, 4, 28, 29. Mar. 4, 5, 12-14, 16-18, 22, 23, 25-28, 31. Apr. 8, 15, 16, 18, 27. May 26. June 6, 26, 29. July 3, 4. Aug. 19-22, 30. Sept. 9, 10, 26-28, 30. Oct. 10-13, 15-21, 29. Nov. 5-7, 12-15, 21-26. Dec. 3, 12, 13, 15, 19-23.	Leconfield	Jan. 3, 7, 15, 17. Mar. 6, 17, 18, 20.
Lossiemouth	Jan. 15, 31. Feb. 1, 4. Mar. 5, 16, 17. Apr. 1. Oct. 13. Nov. 1, 25. Dec. 17, 23.	Cranwell	Jan. 14, 15. Mar. 17, 20.
Dyce	Jan. 3, 15, 23, 25, 31. Feb. 1, 4. Mar. 5, 16-18, 26, 27. Apr. 1, 2. Oct. 13. Nov. 1, 25. Dec. 23, 27, 28.	Binbrook	Jan. 15, 17. Feb. 4. Mar. 6, 15-18, 20, 23. Dec. 23
Bell Rok	Jan. 3, 15, 25. Feb. 4. Mar. 5, 6, 18. Sept. 27. Dec. 22	Manby	Jan. 15. Mar. 6, 20.
Rannoch	Jan. 3, 14, 15, 31. Feb. 1, 4. Mar. 5, 6, 16, 17, 27. Oct. 12, 13.	3 ENGLAND, E. Gorleston	Jan. 3, 15. Feb. 4. Mar. 6, 7. July 11. Sept. 15. Dec. 20.
Tummel Bridge	Jan. 14, 15, 31. Feb. 4. Mar. 5, 6, 16-18, 26. Incomplete record, August.	Mildenhall	Jan. 14, 15. Mar. 6, 17. July 11.
Leuchars	Jan. 14, 15, 31. Mar. 16, 17.	Bedford	Jan. 14, 15. Mar. 6, 16-18, 20, 23, 24.
Forth Road Bridge	Jan. 3, 14, 15, 31. Feb. 1. Mar. 5, 16, 17, 27. Oct. 12, 13.	Cardington	Jan. 14, 15. Mar. 6, 17, 18, 23. Sept. 20.
Turnhouse	Jan. 15, 31. Feb. 1, 4. Mar. 5, 13, 16-18, 26, 27. Sept. 28. Oct. 11-13. Nov. 13. Dec. 22, 23.	Rothamsted	Jan. 15. Mar. 6, 23.
6a SCOTLAND, W. Tiree	Jan. 15, 31. Feb. 1, 4. Mar. 16, 17, 26, 27. Oct. 12, 13. Nov. 25. Dec. 19.	Stansted	Mar. 6.
	Jan. 1-3, 8, 12-15, 23, 31. Feb. 1, 3, 4, 28. Mar. 5, 6, 16-18, 22, 26, 27. Apr. 1-3. May 5. Sept. 25-27. Oct. 11-13, 16, 18, 19. Nov. 1, 5-7, 10-14, 23, 25, 26. Dec. 12, 19, 21-23, 27, 28.	Coryton	Jan. 15. Mar. 6, 23. July 11.
Cumbarnauld	Anemograph out of order, January-June. Oct. 11-13.	Shoeburyness	Jan. 9, 15, 16. Feb. 4. Mar. 6, 16-18, 21, 23. June 22. July 11. Sept. 20. Dec. 20.
Paisley	Anemograph out of order, January. Mar. 5, 16, 17. Oct. 12, 13. Nov. 1, 25. Dec. 22.	4 MIDLAND COUNTIES Sheffield	Jan. 3, 10, 14, 15, 17, 25. Mar. 5, 6, 20. Apr. 1. Dec. 23.
Abbotsinch	Jan. 14, 15, 31. Mar. 5, 16, 17. Oct. 12.	Church Fenton	Jan. 14, 15. Mar. 6, 16-18, 20, 23.
		Edgbaston	Jan. 14, 16.
		Amersham	Jan. 14, 15. xMar. 16, 17, 20, 23, 24. Dec. 22
		Keele	Jan. 15. Mar. 6, 17. Sept. 20. Record ceased, September.
		Pershore	Jan. 14, 15, 17. Mar. 16, 17, 20, 24. July 2.
			Jan. 14, 15. Mar. 16-18, 20, 23, 24.

TABLE III—ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	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				HIGHEST MAXIMUM AND LOWEST MINIMUM						Total fall (mm.)	Percentage of 1910-50 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	Concrete min. below °C	Gale	Daily Mean (hr.)	Percentage of 1911-60 average	Exposure		
					Max. (A)	Min. (B)	Daily Mean (Mean of A & B)	Difference from 1931-60 average	Maximum	Date	Minimum	Date																						
					30 cm.	122 cm.																												
1968	July	Nottingham T.C.			18.9	11.4	15.1	-	29.0	1	7.8	13	-	-	97	-	47	10	11	7	-	-	-	-	-	-	0	0	-	-	-	(3.72)	-	-
		Hampstead			20.0	12.2	16.1	(-0.6)								17	10																	
		Bromley			20.2	10.8	15.5	(-2.0)	(31.7)	(1)	6.1	4,25	-	-	74	128	17	31	9	8	-	0	-	-	-	0	-	-	-	-	-	-		
		Moor House			13.8	6.6	10.2				+0.6	13			133	71			19															
		Grizedale			18.5		13.5		21.7	19,20					133	160			9	7														
		Usk																																
		Gulval																																
		Mildenhall						-1.9																								(8.61)	132	-
		Sandown																															6.95	
		Martyr Worthy																															5.32	
		Hayling Island																															6.81	
		Wye																															4.93	
	August	Whitby C.G.													81																	3.43		
		York (Heslington)																														3.24		
		Ipsley Swg. Wks.			19.6	11.2	15.4	-	28.3	1	5.6	4	(16.4)	(15.2)	121	-	50	10	11	7	0	0	0	0	2	0	0	0	-	0				
		Ryde													91	173			12	8														
		Christchurch													58				8	7														
		Strabane Convent																														4.36	-	
		Achany																														5.54	-	
		Fyvie Castle			17.5	8.6	13.1	-	23.9	22	2.2	17	-	-	46	62	11	13	11	9	0	0	0	0	2	-	0	0	-	0				
		Aberdeen			16.3	9.6	12.9	-0.8	22.2	20	3.9	17	-	-	34	47	11	13	10	7	0	0	0	0	0	3	0	0	-	0				
		Kirkcaldy																														5.20	-	
		Achnagoicham																														5.46	117	-
		September	Millport			18.2	11.4	14.8	0.0	22.2	4,5	7.8	17,18	-	-	76	81	16	19	9	8	0	0	0	0	1	0	0	-	0				
	Finnart																																	
	Grangemouth				19.2	11.1	15.1	-	(24.4)	10	(5.6)	19	-	-	46	-	(25)	13	6	5	0	0	0	0	0	0	0	0	-	0				
	Abbotsinch																																	
	Largs				-	10.4	-	-	-	-	7.8	9,12,19	-	-	67	-	20	12	11	7	-	0	-	-	-	0	0	-	-					
	Ushaw														31	43			14	9														
	East Bergholt				20.8	12.1	16.5	-			3.3	19			(62)	118	10	16	19	14														
	Speke																																	
	Cambridge B.G.																																	
	Aylesbury																																	
	Bletchley				-	-	-	-	-	-	-	-	-	-	-	67	-	15	8	16	12	-	-	-	-	-	-	-	-	-	-	-	-	
	October		Oaken													53																		
		Wisley			19.7	12.1	15.9	-0.7	26.7	22	7.2	15	16.9	15.7	63	115	13	6	17	13	-	0	-	-	-	2	0	0	-	-				
		Martyr Worthy													61	98	16	16	16	11														
		Moor House																																
		Marecambe			19.7	12.6	16.1	+0.2	23.3	4,27	7.8	26																						
		Penketh			-	-	-	-	-	-	-	-	-	-																				
		Cardiff																																
		Belfast Malone																																
		Strabane Convent																																
		Bracknell																																
		November	Achfary			15.9	7.9	11.9	-	18.9	11,14	1.7	21	-	-	46	-	(12)	30	11	8	0	0	0	0	0	0	0	0	-	0			
			Knockanrock			14.4	7.6	11.0	-	17.2	5,7,10	4.4	14,22,23	-	-	77	-	18	29	18	9	0	0	0	0	0	0	0	3	-	0			
	Corpach																																	
	Glenmore Lodge				14.0	6.8	10.4	+0.1	19.8	10	-1.2	19	-	-	69	78	17	27	18	15	-	0	-	-	0	2	5	-	0					
	Aberdeen				14.8	9.2	12.0	+0.2	18.3	6	4.4	4	-	-	57	76	14	2	13	9	0	0	0	0	0	2	0	0	-	0				
	Rothsay																																	
	Achnagoichan																																	
	Ashintully Castle																																	
	Achaglachgach																																	
	Millport				16.2	10.8	13.5	+0.2	20.0	7,9	7.2	16	-	-	131	125	22	30	16	16	0	0	0	0	1	0	0	-	0					
	Leadhills																																	
	December		Largs																															
		Cockle Park			15.9	(9.2)	(12.5)	(+0.4)	20.0	9	5.6	18,19,25	-	-	137	220	57	12	21	13	-	-	-	-	-	0	-	-	-					
		Whitby																																
		Sprowston																																
		East Bergholt			18.9	(10.2)	(14.5)	-	22.8	10	3.3	25	-	-	(99)	197	25	15	17	15	-	0	-	-	-	0	0	-	-					
Southend																																		
Coventry																																		
Lyonsall																																		
Bromley																																		
Wisley				18.6	10.1	14.3	0.0	23.9	10	5.6	18	15.9	15.8	183	374	71	15	19	15	-	0	-	-	-	1	0	1	-	-					
Dartford																																		
Gillingham																																		
Ramsgate																																		

TABLE IV—ADDITIONS AND CORRECTIONS

[illegible]

TABLE III CORRECTIONS

Sunshine figures for Kew:—

	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1942													
Daily Mean	1.09	1.29	2.35	7.20	7.43	8.42	5.67	5.13	4.23	2.78	1.86	1.74	4.11
(of average	77	60	67	148	116	125	91	87	87	90	105	144	102
% (of possible	13	13	20	52	48	51	35	35	33	26	21	22	34
1943													
Daily Mean	1.41	2.76	3.68	5.54	7.97	7.11	6.42	6.47	4.79	2.62	1.78	1.12	4.31
(of average	100	128	105	114	125	105	103	109	98	85	101	93	107
% (of possible	16	28	31	40	51	43	40	45	38	24	20	14	35
1944													
Daily Mean	0.99	1.90	3.24	4.54	7.32	6.23	3.46	6.43	4.76	2.60	1.69	1.32	3.71
(of average	70	88	93	93	114	92	55	109	98	84	95	109	92
% (of possible	12	19	27	33	47	38	22	44	38	24	19	17	30
1945													
Daily Mean	1.16	2.11	4.60	6.08	6.10	6.73	6.29	4.80	2.13	3.51	1.08	1.39	3.84
(of average	82	98	132	125	95	100	101	81	44	113	61	115	96
% (of possible	14	21	39	44	39	40	39	33	17	33	12	18	31
1946													
Daily Mean	1.66	2.41	2.71	6.63	6.16	5.64	7.69	5.12	3.87	2.48	1.31	1.61	3.95
(of average	118	112	78	136	96	83	123	87	79	80	74	133	98
% (of possible	20	24	23	48	40	35	49	35	31	23	15	21	32
1947													
Daily Mean	1.76	0.67	2.15	5.82	5.86	7.22	5.64	8.98	5.71	3.25	2.08	0.76	4.18
(of average	125	31	62	120	92	107	90	152	117	105	118	63	104
% (of possible	21	7	18	42	38	44	35	61	45	30	23	10	34
1948													
Daily Mean	1.38	2.54	4.51	7.49	7.65	5.97	5.95	4.90	5.31	2.98	2.33	1.45	4.37
(of average	98	118	129	154	119	88	95	83	109	96	132	120	109
% (of possible	17	26	38	54	50	36	37	34	42	28	26	19	36

To be purchased from
49 High Holborn, London, W.C.1.
13a Castle Street, Edinburgh EH2 3AR
Brazenose Street, Manchester M60 8AS
258 Broad Street, Birmingham 1
109 St. Mary Street, Cardiff CF1 1JW
50 Fairfax Street, Bristol BS1 3OE
7 Linenhall Street, Belfast BT2 8AY
or through any bookseller

Price 5s. Od.