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**MONTHLY**

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# Climatological District Map

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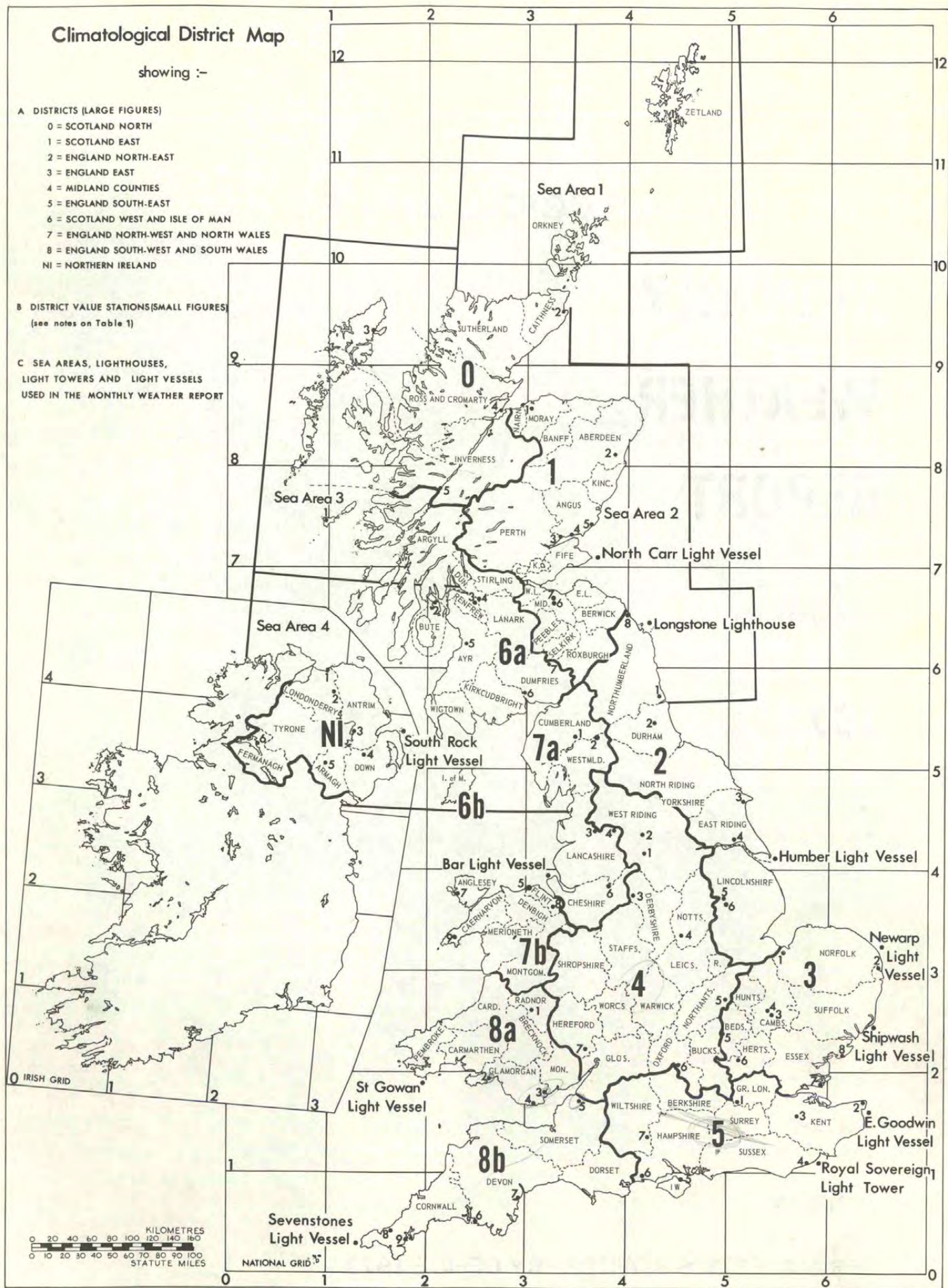
## A DISTRICTS (LARGE FIGURES)

- 0 = SCOTLAND NORTH
- 1 = SCOTLAND EAST
- 2 = ENGLAND NORTH-EAST
- 3 = ENGLAND EAST
- 4 = MIDLAND 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)

(see notes on Table 1)

## C SEA AREAS, LIGHTHOUSES, LIGHT TOWERS AND LIGHT VESSELS USED IN THE MONTHLY WEATHER REPORT





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## Introduction

The *Monthly Weather Report* summarizes weather observations made at about 610 stations throughout the United Kingdom. Particulars of the standards required by the Meteorological Office and the methods to be adopted in making the observations are given in the *Observer's Handbook*\*. The Report contains, in addition to much other data, practically all the items recommended in the World Meteorological Organization's *Guide to Climatological Practices* for inclusion in publications of climatological data.

The introduction to the *Monthly Weather Report*, which is published separately towards the end of each year and forms an explanatory part of the volume, gives particulars of any changes made since the previous year both in the observations and in the stations completing returns. The Introduction provides informative notes on the features contained in the Report and gives advance notice, as necessary, of projected changes. Every three years or so a complete list of stations submitting climatological returns is published in the Introduction together with the names of the authorities responsible for them. The publication of an Annual Summary, similar to the monthly reports but containing additional tables, concludes the *Monthly Weather Report* for a particular year.

### A brief history of the Monthly Weather Report

Monthly summaries of observations made at stations in connection with the Meteorological Office were first published in 1869 in the *Quarterly Weather Report*, a publication issued for each of the years 1869 to 1880. The *Monthly Weather Report* commenced in 1884. The gap from 1881 to 1883 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*. For the first four years the *Monthly Weather Report* appeared as a separate publication and this practice was resumed in 1922. In the interim period, that is from 1888 to 1921, it was issued as a supplement to the *Weekly Weather Report*, at first styled a 'summary' and then from 1907 entitled *Monthly Weather Report*. Data on radiation relating to the period 1911–21 were published in the *British Meteorological and Magnetic Year Book*, Part 3, Section 2, and for the period 1922–56 in the *Observatories' Year Book*; they first appeared in the *Monthly Weather Report* in 1935. The Introduction to the 1915 volume gave a detailed résumé of changes in content and layout, etc. up to that year and subsequent changes were set out and explained in later Introductions, notably in those in 1921, 1923, 1955 and 1971. The Annual Summary began in 1903.

### Heights, time standard, interpolation

Unless otherwise indicated the height of a station above mean sea level (MSL) is the height above Ordnance Datum of the ground on which the rain gauge stands, while the height of barometer above MSL 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 to the 1953 volume. From 1 January 1964 altitudes in Northern Ireland refer to the Belfast Datum which, on average, is about 0.3 metres (m) lower than the Newlyn Datum.

All times in the *Monthly Weather Report* are in Greenwich Mean Time (GMT) and observations are made at the same time GMT throughout the year.

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\*London, Meteorological Office. *Observer's Handbook* (Met. O. 805), 3rd Ed. London, HMSO, 1969



When observations for any station are incomplete it may be possible to estimate values for the missing data by using reports from neighbouring stations. Details of the treatment of such values are given in the notes on the individual tables.

## Contents of the Monthly Weather Report

As well as late or amended data, the monthly parts of the *Monthly Weather Report*, together with the Annual Summary, have the following features in common: remarks on the weather, five climatological maps and Tables 1 to 6. The summary for the year has, in addition, Tables 7 to 12. A description of these features now follows.

### Remarks on the weather

Remarks are given on the prominent features of the weather over the United Kingdom under a brief heading descriptive of the special characteristics.

### Table 1 District values

Although the system of using the mean of statistics of a selection of stations to represent district values (the current procedure is described in detail below) was initiated in the *Weekly Weather Report* in 1878, it was introduced in the *Monthly Weather Report* only in 1908. At first the district values were given in the table of station summaries but in 1912 they were transferred to a special table called 'District Values' which, in 1914, was numbered Table 1. Elements at first included in this table were air temperature, earth temperature, sunshine, rainfall, cloud amount and pressure at MSL for the Districts 0 to 11. Districts 0 to 8 approximated to the present districts. Districts 9 to 10 (north and south Ireland respectively) and District 11 (English Channel) continued until 1940; in 1941 Northern Ireland, as a separate un-numbered district, was added to Districts 0 to 8. Notable changes during the evolution of this table occurred in the following years: 1928 when data for pressure and cloud were discontinued; 1941 when the table assumed substantially its present form; 1964 when data for the whole of Scotland and the whole of England and Wales were included (although the percentages of average rainfall, based on data from a larger number of stations than those used in the individual districts, had appeared regularly in the text since 1921); 1971 when the individual district values of percentages of average rainfall were also calculated using a larger number of stations, and data for earth temperature at 122cm ceased.

The district values for air temperature, earth temperature, rain-days and sunshine are computed from the available values for the individual stations (known as 'District Value Stations') listed below. Five such stations are normally selected for each of these elements as representative of each climatological district, except for earth temperature where the scarcity of long-period stations has restricted the choice in some districts. Northern Ireland constitutes one district and each of the other nine are made up of a number of adjacent counties in Great Britain broadly grouped according to their general climatic features. The districts, together with the positions of the District Value Stations used in each district, are shown on the map on page (ii). The highest maximum and lowest minimum air temperatures refer only to District Value Stations and the differences from and percentages of average for air temperature, earth temperature, rain-days and sunshine in each district are the means of the corresponding values for these stations, except in Northern Ireland where a larger number of stations are used in respect of rain-days. In order to obtain a representative areal average percentages of average rainfall in each District are the means of the corresponding values for a larger number of stations than the District Value Stations used for the other elements; the number of stations used varies among the districts from 13 in District 3 to 30 in Northern Ireland. Details of stations used to compute these percentages (which include stations reporting rainfall only and, augmented by more stations, form the basis for the areal rainfall estimates published in *British Rainfall\**) can be obtained on request. The values given in the table for Scotland and for England and Wales are the means of the values of the several districts within these countries. Averages, 'weighted' where the records are incomplete, may be found in the following publications by Her Majesty's Stationery Office, except for a small number computed more recently: *Averages of temperature for Great Britain and Northern Ireland, 1931-60* (Met. O. 735); *Averages of bright sunshine for Great Britain and Northern Ireland, 1931-60* (Met. O. 743); *Averages of earth temperature at depths of 30cm and 122cm for the United Kingdom, 1931-60* (Met. O. 794). Averages of rainfall, referring to

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



the period 1916-50, are contained in Hydrological Memorandum No.1, Parts I and II obtainable from the Meteorological Office, and details relating to average numbers of rain-days (0.2mm or more of precipitation in the 24 hours commencing at 09h), also referring to the period 1916-50, may be obtained on request. As stated in the Introduction to the 1971 volume the practice of identifying District Value Stations in Table 3 by the use of symbols has ceased.

<b>District 0</b>		<b>District 3</b>		<b>District 7</b>	
✓1 Lerwick	Tr — S	✓1 Terrington		✓1 Newton Rigg	Tr — S
✓2 Wick	Tr — S	St Clement	Tr — S	2 Moor House	— E —
✓3 Stornoway	Tr — S	✓2 Gorleston <i>Lowestoft</i>	Tr E S	✓3 Stonyhurst	Tr — S
4 Fortrose <i>5 only</i>	Tr — S	✓3 Cambridge Bot. Gdns.	Tr E —	4 Nelson	— E —
✓5 Onich	Tr — S	✓4 Cambridge Nat. Inst. of Agric. Botany	— — S	✓5 Rhyl	Tr — S
<b>District 1</b>		✓5 Woburn	— E —	✓6 Ringway	Tr — S
✓1 Forres	Tr E S	✓6 Rothamsted	Tr E S	✓7 Valley	Tr — S
✓2 Craibstone	Tr E S	✓7 Shobernyness	Tr — S	8 Loggerheads	— E —
3 Mylnefield	— E —	✓8 Clacton-on-Sea	— E —	9 Botwnnog	— E —
✓4 Dundee	Tr — —	<b>District 4</b>		<b>District 8</b>	
✓5 Arbroath	— — S	✓1 Huddersfield	— — S	✓1 Llandrindod Wells	Tr — S
6 Bush House	— E —	✓2 Bradford	Tr E —	✓2 Swansea	— E —
✓7 Edinburgh, Blackford Hill	Tr — S	✓3 Buxton	— E —	✓3 Cardiff <i>Cardiff-Sun</i>	Tr E —
✓8 Berwick-on-Tweed*	Tr — S	✓4 Nottingham	Tr — S	4 Rhoose	— — S
<b>District 6</b>		✓5 Raunds	Tr E S	✓5 Long Ashton	Tr — S
✓1 Tiree	Tr — S	✓6 Oxford	Tr E S	6 Plymouth Hoe	— E —
→ 2 <del>Rhodesay</del> **	Tr — S	✓7 Ross-on-Wye	Tr E S	✓7 Teignmouth	Tr — S
✓3 Paisley	— E —	<b>District 5</b>		8 Rosewarne	— E —
✓4 Abbotsinch	Tr — S	✓1 Kew <i>Kew-Pal</i>	Tr E S	✓9 Falmouth	Tr — S
5 Auchincruive	— E —	✓2 Margate	— E —	<b>Northern Ireland</b>	
✓6 Dumfries	Tr E S	✓3 East Malling	Tr — S	1 Coleraine University†	— — S
✓7 Eskdalemuir	Tr E S	✓4 Hastings	Tr E S	✓2 Moneydig	T — —
<b>District 2</b>		✓5 Ryde	Tr — S	✓3 Aldergrove	T — S
✓1 Tynemouth†	Tr — S	6 Bournemouth	— E —	✓4 Hillsborough	— — S
✓2 Durham	Tr E S	✓7 Porton <i>Ventnor</i>	Tr E S	✓5 Armagh	T — S
✓3 Bridlington	Tr — S			6 Castle Archdale Forest‡	T — S
✓4 Hull	Tr E S				
✓5 Lincoln	Tr E —				
✓6 Waddington	— — S				

The stations are numbered in order to show their positions on the map on page (ii)

T=air temperature  
E=earth temperature at 30 cm

r=rain days  
S=sunshine

\* Berwick-on-Tweed is situated in District 2 but used in District 1 for convenience.

\*\* With effect from July sunshine has been recorded at Dhu Loch some 1½ miles to the SSW.

† From October Tynemouth and Gorleston were replaced by Berwick-on-Tweed and Lowestoft respectively (Berwick-on-Tweed continued to be used in District 1).

‡ Sunshine averages for Coleraine University and temperature averages for Castle Archdale Forest are approximations for use in Table 1 only.

## Maps

A full-page map gives the distribution of precipitation by means of isohyets. This map is based on data from about 6500 stations and in order to improve legibility the analysis provides for certain (optional) isohyets to be omitted in areas of heavy rainfall. A page of four maps, based on all available data, illustrates the mean 09h pressure at MSL, the mean air temperature at MSL, the mean daily bright sunshine and the difference of mean 30-cm earth temperature from the 1931-60 average. Acknowledgment is made to the Director of the Meteorological Service, Dublin for kind permission to include certain data on the pressure map. The temperature map also includes mean sea-surface temperatures in coastal waters. These values are shown in circles round the coast and are derived from readings from ships under way (for the sea areas 1 to 4 shown on the map on page (ii)), and from the lighthouses or stationary light vessels named on the same map. The distribution of mean daily bright sunshine is given in hours per day. The averages of earth temperature at 30 cm used in the anomaly map are given in the publication mentioned in the notes for Table 1.



## Table 2 Solar radiation and illumination

Data of the direct component of solar radiation at Kew Observatory were first published in the *Monthly Weather Report* in 1935 as Table III(c) which became Table III(b) in 1940. In 1948 were added data on total illumination (illumination intensity on a horizontal surface) for Kew and in 1950 data on illumination for Kingsway (London). In 1956 the solar radiation data published were changed to measurements of total solar radiation and diffuse solar radiation and data for other stations were added. The table was re-numbered Table XIII in 1957 and Table 2 in 1971.

The instruments used for the radiation records are Moll-Gorczyński solarimeters. Meteorological Office pattern bimetallic actinographs may be used as standby instruments for recording total radiation. Daylight illumination is measured photoelectrically (Kew Mk V instrument). From 1 January 1957 the radiation values have been measured in accordance with the International Pyrheliometric Scale (1956). If in any month the data for any days are incomplete owing to instrumental or other faults, these data are completed by estimated values if at all possible, using other available radiation data. The mean 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. In this table, with effect from 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 parentheses ( ).

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

## Table 3 Summary of daily observations

Summaries of daily observations appeared in the *Monthly Weather Report* from its inception in 1884. In 1914 these data were collected into one table, almost identical to its present form, called Table III which became Table 3 in 1971.

When missing data have been estimated, relevant parts of the summary are placed in parentheses ( ) if necessary. The sources of averages used in this table are listed in the notes for Table 1. Explanatory notes now follow.

**HEIGHT OF STATION.** As intimated earlier in the note on heights, the height given in the third column of the table refers to the ground on which the raingauge stands. In general it may be assumed that observations of other elements, with the occasional exception of sunshine, are made in the immediate vicinity of the raingauge. Notable exceptions occur at Sourhope and Ventnor where all observations other than rainfall are made at 274 metres and 60 metres above MSL respectively.

**AIR TEMPERATURE.** The terminal hours for reading maximum and minimum temperatures are given for each station in the second column 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 09h the reading is credited to the previous day. When the terminal hours as shown in the second column are separated by a dash thus, 21–9, the day maximum temperature for the period 09h to 21h and the night minimum temperature for the period 21h to 09h are utilized to determine the means for the month. In such cases the day minimum and night maximum temperatures are also read. Monthly mean maximum and minimum temperatures for stations with differing terminal hours as indicated in the second column are not strictly comparable. The highest and lowest temperatures recorded in each district of the table are underlined. The measurements of air temperature are obtained from thermometers exposed in white painted louvered screens supported over short grass in the open, the bulbs of the thermometers being 1.25 m above ground. The nearest object should be at least twice its height away from the screen. Two measurements of air temperature are published for Eskdalemuir, Kew and Lerwick: one is obtained from an electrical resistance aspirated psychrometer at 1.25 m above the ground and the other from thermometers in a louvered screen as above, except at Kew where the louvered screen is on the north wall of the Observatory and about 8 m above the general level of the ground.



**EARTH TEMPERATURE.** Measurements of earth temperature are taken at 09h from special thermometers suspended in steel tubes sunk vertically in the ground, the bulbs being at depths of 30 cm and 100 cm. The tubes are fitted with covers so that water, etc. will not collect in the interior.

**RAINFALL.** Rainfall total includes water derived from all forms of precipitation collected in the rain-gauge. The daily amounts refer to the total accumulated during the 24-hour period 09h to 09h 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. This means that the amount of rainfall read at 09h on the first day of a month is credited to the last day of the previous month and is used in computing the monthly total for that month.

**WEATHER (NUMBER OF DAYS).** **Number of days of precipitation:** Every day when precipitation (over the 24-hour period 09h to 09h) exceeds the limits 0.2 and 1 millimetres (mm) is counted. The lower limit excludes 'traces' of precipitation, that is less than 0.05 mm; very occasionally the lower limit is exceeded when the precipitation is in the form of dew only. **Snow or sleet:** Every day when snow or sleet (rain or drizzle and snow) is observed to fall at any time from midnight to midnight is counted, even though the quantity is so small that no measurable precipitation is collected in the rain-gauge. **Snow lying at 09h:** Every day when snow is lying at 09h is counted, providing that the snow covers more than one half 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 more than one half of the ground is snow covered no account is taken of bare patches under trees or of areas occupied by water. **Hail:** For the purpose of this summary the term 'hail' is defined as pieces of ice with diameter 5 mm or more falling either separately or agglomerated into irregular lumps, and the period covered for a day is midnight to midnight. **Ice pellets, etc.:** A day of ice pellets, etc. is counted if, during a period midnight to midnight, any of the following occur: ice prisms or snow grains, snow pellets or ice pellets less than 5 mm in diameter. **Thunder heard:** A day of thunder is counted when thunder is heard at any time during the period midnight to midnight. **Fog at 09h:** Days of fog are those on which the range of visibility is less than 1000 m at 09h. 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 at 09h. **Air frost:** An air frost is counted when the minimum air temperature read either at 09h or 21h is below 0°C. **Grass minimum below 0°C:** A day of grass minimum temperature below 0°C is counted when the reading on the grass minimum thermometer at 09h is below 0°C, the thermometer having been set and exposed at 21h or soon after sunset the previous evening or, at stations where this is not possible, at 09h the previous day. The time of setting the thermometer should not vary from day to day and the temperature is credited to the day of reading. The grass minimum temperature refers either to the 24-hour period 09h to 09h or to the shorter period covering the whole night, for example sunset to 09h. **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 resting on the centre of the smooth surface of a slab of concrete of specified standard dimensions and composition. A day of concrete minimum temperature below 0°C is analogous to a day of grass minimum below 0°C. **Gale:** A day of gale is counted when a mean wind speed reaches or exceeds, or is estimated to have reached or exceeded, 34 knots (force 8 on the Beaufort scale) over a period of at least several minutes (10 minutes in the case of a station equipped with an anemograph) 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 about 3° elevation. The symbol S in the column headed 'exposure' indicates that obstacles obstruct the rays of the sun during more than 5 per cent of the period when the sun is over 3° elevation above the horizon. Details of percentage obstruction at sites annotated S are available on request.

#### Table 4 Summary of observations at fixed hours

Fixed hour observations of various elements have appeared in the *Monthly Weather Report* since 1906 when the hours were 09, 21h for voluntary climatological stations and 08, 18h for official (then known as telegraphic reporting) stations. In 1909 the hours became 09, 15, 21h and 07, 13 and 18 or 21h respectively. The table assumed its present form in 1914 but it was not called Table IV until 1915. The hours for official stations became 07, 13, 18 and 21 or 01h in 1923 and 00, 06, 12, 18h in 1944. In 1945 the hours for all stations became 03, 09, 15, 21h but it should be noted that observations at some hours are not available at some stations.

Summaries of data are not published if the data are incomplete. Notes on the elements summarized now follow.



**MEAN PRESSURE.** The atmospheric pressure is expressed in millibars (mb); 1 mb = 100 Newtons/m<sup>2</sup> (1000 dynes/cm<sup>2</sup>). Barometer readings are corrected for local conditions of gravity, temperature and elevation so as to obtain values of air pressure at MSL. The averages of atmospheric pressure at MSL at 09h used in this table refer to the period 1931–60 and are given in Climatological Memorandum No 54 obtainable from the Meteorological Office.

**HUMIDITY.** The values of vapour pressure and relative humidity are based on readings of dry-bulb and wet-bulb thermometers in louvered screens except at Eskdalemuir, Kew and Lerwick where an aspirated psychrometer is used. The humidity values are derived either by humidity slide-rule or from hygrometric tables (Met. O. 265), based on a formula by Regnault, issued by the Meteorological Office and published by Her Majesty's Stationery Office. The daily values of vapour pressure and relative humidity are found and the monthly means computed therefrom.

**CLOUD AMOUNT.** The unit used to indicate the proportion of the sky covered by cloud is the 'okta' or eighth of the sky. The scale runs from 0 which indicates a cloudless sky to 8 which is a completely overcast sky. The phrase 'sky obscured' is an abbreviation for 'sky obscured or cloud amount cannot be estimated' previously indicated in this table by the figure 9.

**SURFACE WIND SPEED AND DIRECTION.** At stations where there are anemographs the mean over the 10 minutes ending at the hour (the speed corrected to a height of 10 m) is used. Stations equipped with anemometers use the mean of several readings of at least 15 seconds duration each but stations with no instrumental aids use estimates of wind speed on the Beaufort scale of wind force and eye estimates of wind direction.

#### **Table 5 Number of days with maximum and minimum temperatures between given limits**

Although in respect of the year as a whole this table has been published in the *Monthly Weather Report* since the summary for 1913, it has appeared monthly only since 1956. Data for about 20 selected stations are given in the table which, in 1913, was called Table IV and, after three years as Table VIII, it became Table IX from 1917 to 1951. The table reverted to Table VIII in 1952 and it was re-numbered Table 5 in 1971. Statistics for stations with differing terminal hours (See paragraph on temperature in notes on Table 3) are not strictly comparable.

#### **Table 6 Summary of autographic records of wind**

Tables in a similar form to this summarizing monthly and annual wind data for stations with anemographs were first published in the *Monthly Weather Report* in 1914. At first the monthly table was called Table V but it became Table II in 1915; minor revisions occurred in it in 1923 and 1956 and it was re-numbered Table 6 in 1971. The annual table began as Table XI, changed to Table XII in 1915, reverted to Table XI in 1919 and became Table IX in 1952. It was re-numbered Table 6 in 1971, becoming strictly analogous to its monthly counterpart. The majority of records used in the preparation of this table are now obtained from electrical recorders, the remainder being from pressure-tube anemographs.

Up to 1920 all available records were summarized regardless of missing data. In 1921 records having 366 hours or more missing during a year were not summarized in the annual table and in 1923 this limit was raised to 500 hours. No such limitation appears to have been placed on monthly data but from 1922 some records described as 'defective' were not published. From 1954 no monthly summaries were published of records with more than 80 hours missing. From the same year entries in the columns headed 'highest velocities' in both monthly and annual tables were placed in parentheses ( ) – which were changed to square brackets [ ] in 1966 – if it was thought that these values might have been exceeded during a period of defective or missing record. From 1971 the criteria 1–5 given below have applied to the publication of data in this table.

1. The distribution of hourly mean values of wind speed is not published monthly if
  - (a) data are missing or estimated for more than 80 hours, or
  - (b) data are missing or estimated for 80 hours or less but there is a missing or estimated period of 40 or more consecutive hours.

The 80 and 40 hours correspond broadly to 10 per cent and 5 per cent of the month and such a loss is considered acceptable.



2. The distribution of hourly mean values of wind speed is not published annually if
  - (a) data are missing or estimated for more than 800 hours, or
  - (b) data are missing or estimated for 800 hours or less but there is a missing or estimated period of 400 or more consecutive hours.
3. Highest hourly wind and gust are published even if the distribution of hourly mean values of wind speed is not published, but only if the values are deemed (by a comparison with neighbouring stations) as being unlikely to have been exceeded during any period of missing observations.
4. A mean hourly wind speed is not published if the distribution of hourly mean values of wind speed is not published. The value is computed by dividing the sum of the actual and estimated hourly mean wind speeds by the total number of hours for which the data are summed.
5. If the above criteria result in no summary or only a partial summary, the entry 'Defective record' is inserted in the table.

The classification of surface wind speed is based on the Beaufort scale of wind force which ranges from 0 representing no wind to 12 representing hurricane force (see *Observer's Handbook*, 3rd Ed. pages 82 and 83). The equivalent speeds given in the Beaufort scale apply only to an anemograph complying with the exposure specification 'head 10 m above ground in the open'. The table includes some information concerning the actual exposure of the instruments in the columns headed 'height of vane'. The term 'effective height' is defined as the height over open level terrain in the vicinity which, it is estimated, would have the same mean wind speeds as those actually recorded by the anemometer. The duration in the several columns headed 'distribution of hourly mean values of wind speed' is the number of 60-minute periods ending at exact hours in each of which the mean wind speed was between the stated limits. These column limits are the equivalent speeds given in the Beaufort scale and correspond to wind speeds (measured over an hour) of Force 8 and above (gales), Forces 7 and 6 (strong winds), Forces 5 and 4 (moderate breezes), Forces 3 and 2 (light breezes) and Forces 1 and 0 (calm or nearly calm). The 'highest hourly wind' refers to a period of 60 minutes ending at an exact hour. Under the heading 'veer from N' the direction in degrees from which the wind was blowing is stated, for example the entry for an east wind is 090, that for a south wind is 180 and so on.

#### **Table 7 Number of hours with gusts exceeding 33 knots and 47 knots in each month and during the year**

This table was first published in the *Monthly Weather Report* in 1934 as Table XIIA; it became Table X in 1952 and Table 7 in 1971. Values were placed in parentheses ( ) – which became square brackets [ ] in 1966 – when a period of defective or missing record rendered the value doubtful. The value was omitted if it was considered that the record was excessively incomplete. From 1971 no values have been published for months when the distribution of hourly mean values of wind speed in Table 6 was not published, except where there was reasonable certainty (by an areal comparison with neighbouring stations) that there were no hours with gusts exceeding the limit during any period of missing or estimated data. No annual values have been published if data for any month were missing.

#### **Table 8 Dates on which gusts exceeded 47 knots during the year**

A similar table to this appeared in 1908 as an appendix to the *Weekly Weather Report* and was transferred to the *Monthly Weather Report* in 1914 as Table XV. The table became Table XIV in 1923 (having also been so numbered in 1919 and 1920), it was re-numbered to Table XII in 1952 and to Table 8 in 1971.

This table includes all dates on which gusts exceeding 47 knots were recorded. From about 1940 the table also included notes of periods when the record was missing or defective; with effect from 1971 only such periods have been mentioned during which it is reckoned that gusts may have exceeded 47 knots thus indicating that the number of occasions published may be too few.

#### **Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during the year**

Although these data were published for the years 1900 to 1904 in the *Annual Report of the Meteorological Council*, they were first tabulated in the *Monthly Weather Report* in 1905 but from 1908 to 1913 they were given as an appendix to the *Weekly Weather Report*. The table was transferred again to the *Monthly Weather Report* in 1914 as Table XIV and it became Table XIII in 1919; the table was called Table XI from 1952 and it was re-numbered Table 9 in 1971.

All recorded occasions are included and, from 1971, the table has also given a note of any period during which the record was missing or defective when it is considered that the criterion may have been met.



### **Table 10 Highest and lowest maximum and minimum temperatures during the year at each station**

This table is published annually in the summary for the year and dates from 1913 when, as Table 1, it gave the temperature and date of the coldest day (lowest maximum temperature) and warmest night (highest minimum temperature) in the year at as many stations as possible. In 1914 it became Table V and contained, in addition to the above data, similar details of the coldest night (lowest minimum temperature) and warmest day (highest maximum temperature) in the year. In 1969 the table assumed its present title and in 1971 it was re-numbered as Table 10.

### **Table 11 Number of days on which the duration of sunshine was between given limits in each month**

Published annually in the *Monthly Weather Report* summary for the year, this table dates from 1913 when, as Table II, monthly and annual frequencies were given for a small selection of stations. In 1914 the table became Table VI and it was re-numbered Table 11 in 1971. Data for about 20 stations are presented but in 1949 the annual frequencies were discontinued.

### **Table 12 Number of days with rainfall between given limits**

This table, which gives data in respect of the whole year only, has appeared annually in the *Monthly Weather Report* summary for the year since 1914. At first it was headed Table IX; it became Table VIII in 1916 and Table VII in 1952; it was re-numbered Table 12 in 1971. The stations selected for this table numbered around 20 up to 1955 since when the number has been about 30.

## **Stations completing climatological returns**

This section contains a complete list of stations, together with their respective locations and authorities, which send monthly climatological returns to the Meteorological Office and whose data are published in the *Monthly Weather Report*; the names of stations whose data are not published in the current report are printed in italics. The last complete list appeared in 1969.

In the tables of the *Monthly Weather Report* the stations are arranged geographically in districts and counties (see the frontispiece) but in the following list they are given in alphabetical order. A number of stations have, in addition to a name for climatological purposes, a designated 'official' name for use in their role as synoptic reporting stations; where necessary for clarity the 'official' name also is included in capital letters. The date given in the column headed 'First published in MWR' refers to the year when any data first appeared in the *Monthly Weather Report* unless a break in publication extended to five consecutive years or more in which case the year given is that of the re-appearance of data. (Some long-established stations, particularly those which existed before the *Monthly Weather Report* began, may have earlier data published elsewhere.) The column headed 'Type' categorizes the stations according to the following plan:

O. Observatories where extensive programmes of meteorological (and other) observations for a variety of purposes are in continuous operation.

Sa, Sb. Synoptic stations whose observations are used primarily in weather forecasting. Stations annotated Sa and Sb are manned respectively by Meteorological Office and non-Meteorological Office personnel.

C. Climatological stations co-operating voluntarily with the Meteorological Office where observations are made usually once daily at 09 GMT.

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

H. Health resort stations are climatological stations as above and, in addition, participate in a scheme whereby information is sent daily to the Meteorological Office for communication to the Press.

A. Anemograph stations are equipped with instruments for recording surface wind. The records are analysed and summaries of data prepared.

Sun. These stations record duration of bright sunshine.



Station (County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
			0 1	0 1		
Abbotsinch. GLASGOW AIRPORT (Renfrew)	SaA	1966	55 52N	04 26W	26-480667	Meteorological Office
Aber (Caernarvon)	Ag	1925	53 14N	04 01W	23-650728	College Farm
Aberdeen (Aberdeen)	C	1884	57 08N	02 08W	38-915042	N.E. Scotland Water Board
Aberfoyle (Perth)	C	1969	56 10N	04 23W	27-526007	Forestry Commission
Aberporth (Cardigan)	Sa	1942	52 08N	04 34W	22-242521	Meteorological Office
Aberporth R.A.E. (Cardigan)	A	1971	52 08N	04 34W	22-239520	Meteorological Office
Aberystwyth (Cardigan)	H	1904	52 25N	04 04W	22-580815	Borough Council
Abingdon (Berkshire)	SaA	1944	51 41N	01 19W	41-482990	Meteorological Office
Achaglachgach (Argyll)	C	1959	55 49N	05 31W	16-813643	Forestry Commission
Achnagoichan (Inverness)	C	1961	57 09N	03 48W	28-913082	Nature Conservancy
Achnashellach (Ross & Cromarty)	C	1923	57 29N	05 16W	28-038492	Forestry Commission
Acklington (Northumberland)	Sa	1945	55 18N	01 38W	46-225007	Meteorological Office
Addington (Greater London)	C	1912	51 22N	00 04W	51-352643	Croydon Corporation
Aghanloo (Londonderry)	C	Not publ.	55 04N	06 57W	IC(24)-673256	Hoechst Fibre Industries
Aigburth (Lancashire)	CA	1968	53 22N	02 55W	33-384852	Liverpool Education Committee
Aldeburgh (Suffolk)	Sb	1964	52 09N	01 36E	62-465563	Dept. of Trade and Industry
Aldenham School (Hertford)	C	1965	51 40N	00 20W	51-157972	Aldenham School
Aldergrove. BELFAST/ALDERGROVE AIRPORT (Antrim)	SaA	1927	54 39N	06 13W	IJ(33)-147798	Meteorological Office
Alderney (Channel Isles)	C	1958	49 42N	02 13W	555-564065	States of Alderney
Alice Holt Lodge (Hampshire)	Ag	1950	51 11N	00 51W	41-804430	Forestry Commission
Altnahinch (Antrim)	C	1966	55 03N	06 15W	ID(34)-117236	Rural District Council
Alwen (Denbigh)	C	1958	53 04N	03 33W	23-956528	Wirral Water Board
Ampleforth (Yorks. N.R.)	C	1904	54 12N	01 05W	44-598789	Ampleforth College
Arbroath (Angus)	C	1914	56 33N	02 35W	37-649411	Town Council
Ardnamurchan (Argyll)	Sb	Not publ.	56 44N	06 13W	17-416675	Northern Lighthouse Board
Ardrossan (Ayr)	A	1971	55 39N	04 49W	26-226423	Ardrossan Harbour Company
Ardalnaig (Perth)	C	1959	56 32N	04 07W	27-702394	M.K. Browne Esq.
Armagh (Armagh)	C	1884	54 21N	06 39W	IH(23)-878458	Armagh Observatory
Aros (Argyll)	C	1967	56 32N	05 59W	17-553453	Forestry Commission
Arrochymore (Dunbarton)	C	1972	56 06N	04 33W	26-415919	Clyde River Purification Board
Ashintully Castle (Perth)	C	1967	56 44N	03 28W	37-101613	W.H. Atkinson-Clark Esq.
Ashover (Derbyshire)	C	1967	53 09N	01 28W	43-347634	H. Martin Esq.
Askham Bryan (Yorks. W.R.)	Ag	1936	53 57N	01 05W	44-552475	Institute of Agriculture
Auchen Castle (Dumfries)	C	1972	55 20N	03 30W	36-050060	Forestry Commission
Auchincruive (Ayr)	Ag	1932	55 29N	04 34W	26-389236	Agricultural College
Avonmouth (Gloucester)	A	1953	51 30N	02 43W	31-505787	Port of Bristol Authority
Aylesbury (Buckingham)	Ag	1945	51 47N	00 47W	42-842114	County Education Committee
Bailrigg (Lancashire)	C	1968	54 00N	02 47W	34-484568	Lancaster University
Bala (Merioneth)	C	1971	52 54N	03 35W	23-936356	Dee and Clwyd River Authority
Ballylumford (Antrim)	C	1968	54 51N	05 47W	ID(34)-424017	Electricity Board
Ballymoney (Antrim)	C	1965	55 04N	06 31W	IC(24)-934259	Dalriada School
Ballypatrick Forest (Antrim)	CA	1962	55 10N	06 09W	ID(34)-176387	Forestry Division
Ballywalter Park (Down)	Sun	1971	54 32N	05 30W	IJ(33)-623681	Lord Dumleath
Balmacara (Ross & Cromarty)	C	1953	57 17N	05 39W	18-800276	Balmacara House
Balmoral (Aberdeen)	C	1906	57 02N	03 12W	37-260946	Balmoral Estate
Baltasound (Zetland)	C	1907	60 46N	00 53W	412-607089	S.S.S. Polson Esq.
Banagher Caugh Hill (Londonderry)	C	1970	54 53N	06 58W	IC(24)-663047	Development Commission
Banchory (Kincardine)	C	1968	57 03N	02 30W	37-700957	L.E. Bromfield Esq.
Banff (Banff)	C	1914	57 40N	02 31W	38-689647	Town Council
Bardsey Island (Caernarvon)	Sb	1961	52 45N	04 48W	23-111206	Trinity House
Bargrennan (Kirkcudbright)	C	1959	55 04N	04 34W	25-361789	Forestry Commission
Baronscourt Forest (Tyrone)	C	1962	54 41N	07 27W	IH(23)-361843	Forestry Division
Barr (Ayr)	C	1959	55 13N	04 43W	25-286941	Forestry Commission
Barrhead (Renfrew)	C	1957	55 49N	04 23W	26-511601	Burgh Council
Bastreet (Cornwall)	C	1971	50 33N	04 29W	20-244765	Cornwall River Authority
Bath (Somerset)	C	1901	51 22N	02 22W	31-751638	Beecher Cliff School
Beaghs Forest (Antrim)	C	Not publ.	55 04N	06 11W	ID(34)-162273	Forestry Division
Bedford (Bedford)	A	1964	52 13N	00 29W	52-049597	R.A.E. Bedford
Belfast Harbour (Antrim)	A	1967	54 38N	05 53W	IJ(33)-363777	Harbour Commissioners
Belfast Milltown (Down)	C	Not publ.	54 32N	05 56W	IJ(33)-332687	L.J.A. McDowell Esq.
Belfast Malone (Antrim)	C	1968	54 33N	05 58W	IJ(33)-315691	Queen's University
Belfast Rosebank (Down)	C	1971	54 35N	05 52W	IJ(33)-379718	Electricity Board
Belliston (Fife)	C	Not publ.	56 15N	02 48W	37-500055	J.M. Roger Esq.
Bell Rock (Angus)	A	1930	56 26N	02 24W	37-763272	Northern Lighthouse Board



Station (County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
<i>Belper</i> (Derby)	C	1910	0 1	0 1		
<i>Benbecula</i> (Inverness)	SaA	1943	53 01N	01 29W	43-346468	Herbert Strutt School
<i>Benmore Younger Botanic Gardens</i> (Argyll)	C	1936	57 28N	07 22W	08-782555	Meteorological Office
<i>Berwick-on-Tweed</i> (Northumberland)	C	1923	56 01N	04 59W	26-141856	Department of the Environment
<i>Bessbrook</i> (Armagh)	Sun	1961	55 46N	02 00W	46-002528	Borough Council
<i>Bexhill</i> (Sussex)	C	1908	54 12N	06 24W	IJ(33)-051284	J.W.S. Richardson Esq.
<i>Binbrook</i> (Lincoln)	SaA	1964	50 50N	00 28E	51-737072	Borough Council
<i>Birmingham King Edward School</i> (Warwick)	C	1960	53 27N	00 12W	53-195958	Meteorological Office
<i>Blackburn Sewage Works</i> (West Lothian)	C	Not publ.	52 27N	01 55W	42-052835	King Edward School
<i>Black Mountain</i> (Antrim)	Sb	1964	55 53N	03 35W	36-005653	Lothians River Board
<i>Blairgowrie</i> (Perth)	C	1961	54 35N	06 01W	IJ(33)-278727	Independent Television Authority
<i>Blyth Bridge</i> (Peebles)	Ag	1958	56 31N	03 21W	37-175438	Burgh Council
<i>Bodiam</i> (Sussex)	C	1940	55 42N	03 22W	36-141463	Agricultural Research Council
<i>Bognor Regis</i> (Sussex)	H	1939	51 00N	00 33E	51-785249	Guinness Hop Farms Ltd.
<i>Bolton</i> (Lancashire)	C	1968	50 47N	00 41W	40-934989	Urban District Council
<i>Boscombe Down</i> (Wiltshire)	SaA	1931	53 35N	02 27W	34-724115	Bolton Corporation
<i>Botwnnog</i> (Caernarvon)	C	1961	51 10N	01 45W	41-172403	Meteorological Office
<i>Bournemouth</i> (Hampshire)	H	1902	52 51N	04 34W	23-263313	Ysgol Botwnnog
<i>Bowhill</i> (Selkirk)	C	1956	50 43N	01 53W	40-071917	County Borough Council
<i>Boxworth</i> (Cambridge)	Ag	1952	55 32N	02 54W	36-428278	Buccleuch Estates Ltd.
<i>Bradford</i> (Yorks. W.R.)	C	1908	52 15N	00 01W	52-346640	Experimental Husbandry Farm
<i>Braemar</i> (Aberdeen)	C	1887	53 49N	01 46W	44-149352	Bradford Corporation
<i>Bramham</i> (Yorks. W.R.)	Ag	1954	57 00N	03 24W	37-152914	J.C. Donaldson Esq.
<i>Bridgenorth</i> (Shropshire)	Sun	1963	53 52N	01 20W	44-431412	Leeds University
<i>Bridlington</i> (Yorks. E.R.)	H	1954	52 32N	02 25W	32-709932	H.E. Trevor Esq.
<i>Brigg</i> (Lincoln)	C	1965	54 06N	00 12W	54-175689	East Yorks(Wolds Area)Water Board
<i>Brighton</i> (Sussex)	H	1948	53 34N	00 29W	54-002083	H. Williamson Esq.
<i>Brize Norton</i> (Oxford)	SaA	1968	50 49N	00 08W	51-313040	Brighton Corporation
<i>Brodrick Castle</i> (Bute)	C	1966	51 45N	01 35W	42-289060	Meteorological Office
<i>Bromfield</i> (Cumberland)	Sb	1971	55 36N	05 09W	26-013377	National Trust
<i>Bromley</i> (Greater London)	C	1927	54 48N	03 17W	35-173466	W. Clark Esq.
<i>Brooms Barn</i> (Suffolk)	Ag	1965	51 24N	00 01E	51-399693	Borough Council
<i>Brynamman</i> (Carmarthen)	Sb	1970	52 16N	00 34E	52-753657	Lawes Agricultural Trust
<i>Buddon Ness</i> (Angus)	C	1943	51 49N	03 52W	22-718143	D.G. Morgan Esq.
<i>Bude</i> (Cornwall)	C	1913	56 28N	02 44W	37-539309	Dundee Harbour Trust
<i>Bugbrooke Mills</i> (Northampton)	C	1963	50 50N	04 33W	21-208063	Urban District Council
<i>Burghfield</i> (Berkshire)	A	Not publ.	52 13N	01 00W	42-681586	Welland & Nene River Authority
<i>Burlingham</i> (Norfolk)	Ag	1950	51 25N	01 01W	41-686683	Royal Ordnance Factory
<i>Bush House</i> (Midlothian)	Ag	1954	52 38N	01 30E	63-373101	Norfolk Education Committee
<i>Buxton</i> (Derby)	C	1907	55 51N	03 12W	36-244636	Edinburgh College of Agriculture
<i>Bwlchgwyn</i> (Denbigh)	C	1950	53 15N	01 55W	43-060725	Borough Council
<i>Cairngorm</i> (Inverness)	CA	1964	53 04N	03 08W	33-236520	Wrexham and E. Denbigh Water Co.
<i>Caistor</i> (Lincoln)	C	1965	57 08N	03 39W	38-005049	Cairngorm Sports Development Ltd.
<i>Caldecott</i> (Leicester)	C	1958	53 30N	00 22W	54-082019	Cherry Valley Farms Ltd.
<i>Callander</i> (Perth)	C	1967	52 31N	00 44W	42-865932	Corby and District Water Co.
<i>Calshot</i> (Hampshire)	A	1920	56 15N	04 12W	27-634080	Town Council
<i>Cambridge Botanic Gardens</i> (Cambridge)	C	1884	50 49N	01 18W	41-486018	Southampton Harbour Board
<i>Cambridge National Institute of Agricultural Botany</i> (Cambridge)	Ag	1952	52 13N	00 08E	52-456572	University Botanic Gardens
<i>Camlough</i> (Armagh)	C	Not publ.	52 13N	00 06E	52-434604	National Inst. of Agric. Botany
<i>Campbeltown</i> (Argyll)	C	1961	54 09N	06 24W	IJ(33)-040236	Electricity Board
<i>Camp's Reservoir</i> (Lanark)	C	1964	55 26N	05 37W	16-716208	Burgh Council
<i>Cannington</i> (Somerset)	Ag	1929	55 29N	03 35W	26-997226	Lanark Water Board
<i>Cape Wrath</i> (Sutherland)	Sb	1941	51 09N	03 04W	31-255399	Somerset Farm Institute
<i>Cardiff</i> (Glamorgan)	C	1904	58 37N	05 00W	29-259747	Northern Lighthouse Board
<i>Cardington</i> (Bedford)	SaA	1929	51 30N	03 10W	31-195793	Cardiff Corporation
<i>Carlisle</i> (Cumberland)	SaA	1961	52 06N	00 25W	52-081464	Meteorological Office
<i>Carmarthen</i> (Carmarthen)	Ag	1963	54 56N	02 57W	35-384603	Meteorological Office
<i>Carnoustie</i> (Angus)	C	1951	51 51N	04 18W	22-413183	County Education Committee
<i>Carnwath</i> (Lanark)	C	1953	56 30N	02 43W	37-558244	Burgh Council
<i>Carrigans</i> (Tyrone)	SbA	1964	55 42N	03 38W	26-974464	Lee and Carnwath Estates
<i>Cartmel</i> (Lancashire)	C	1970	54 40N	07 19W	IH(23)-435810	R.J. McConnell Esq.
<i>Cassley</i> (Ross & Cromarty)	C	Not publ.	54 11N	02 57W	34-381783	Rev. Canon M.D. Grieve
<i>Castle Archdale Forest</i> (Fermanagh)	CA	1964	58 10N	04 44W	29-396232	North of Scotland Hydro-electric Board
<i>Cawood</i> (Yorks. W.R.)	Ag	1953	54 28N	07 42W	IH(23)-189593	Forestry Division
			53 50N	01 08W	44-561366	Experimental Husbandry Station



Station (County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
Ceinws (Montgomery)	C	1962	0 1	0 1		
Cenarth Mill (Radnor)	Sb	1970	52 38N	03 50W	23-758060	Forestry Commission
Chatsworth (Derby)	C	Not publ.	52 23N	03 30W	22-978778	T.I. Evans Esq.
Cheddar (Somerset)	C	1968	53 14N	01 37W	43-261701	Trustees of Chatsworth Settlement
Cheldon Barton (Devon)	Sb	1969	51 16N	02 47W	31-456532	Kings of Wessex Secondary School
Cheltenham (Gloucester)	C	1962	50 54N	03 48W	21-734134	M.L.H. Sampson Esq.
Chivenor (Devon)	SaA	1950	51 54N	02 03W	32-946218	Borough Council
Chopwellwood (Durham)	C	1911	51 05N	04 09W	21-494347	Meteorological Office
Christchurch (Hampshire)	C	1958	54 55N	01 47W	45-136580	Forestry Commission
Church Fenton (Yorks. W.R.)	A	1968	50 44N	01 47W	40-155937	West Hants Water Co.
Cirencester (Gloucester)	Ag	1956	53 50N	01 12W	44-528380	Meteorological Office
Clacton-on-Sea (Essex)	H	1902	51 43N	01 57W	42-005013	Royal Agricultural College
Clatteringshaws (Kirkcudbright)	C	1964	51 47N	01 09E	62-172143	Urban District Council
Cleethorpes (Lincoln)	H	1925	55 05N	04 16W	25-554780	Electricity Board
Coatbridge (Lanark)	C	1952	53 33N	00 01W	54-314079	Borough Council
Cockle Park (Northumberland)	Ag	1898	55 51N	04 03W	26-712643	Town Council
Coire Cas Shieling (Inverness)	C	1964	55 13N	01 41W	45-200912	King's College
Coleraine University (Londonderry)	AgA	1970	57 08N	03 39W	28-995054	Cairngorm Sports Development Ltd.
Colonsay (Argyll)	C	1935	55 09N	06 41W	IC(24)-843349	Ulster University
Coltishall (Norfolk)	SaA	1964	56 05N	06 11W	16-393968	Rt. Hon. Lord Strathcona
Colwyn Bay (Denbigh)	H	1897	52 46N	01 21E	63-262229	Meteorological Office
Comrie (Perth)	C	Not publ.	53 17N	03 43W	23-861787	Borough Council
Coningsby (Lincoln)	A	1970	56 23N	03 57W	27-800231	Lawers Agricultural School
Contin (Ross & Cromarty)	C	Not publ.	53 05N	00 10W	53-224568	Meteorological Office
Contin Craigdarroch (Ross & Cromarty)	C	Not publ.	57 34N	04 35W	28-454568	Forestry Commission
Cookstown (Tyne)	Ag	1963	57 35N	04 36W	28-442572	J.D.R. Hendry Esq.
Coolkeeragh (Londonderry)	C	1971	54 36N	06 45W	IH(23)-816748	Loughry Agricultural College
Corbridge (Northumberland)	C	1963	55 03N	07 15W	IC(24)-479220	Electricity Board
Corpach (Inverness)	CA	1968	54 59N	02 01W	35-988651	Corbridge County Secondary School
Corwen (Merioneth)	Ag	1959	56 50N	05 09W	27-080764	Scottish Pulp and Paper Mills
Cottesmore (Rutland)	A	1969	52 27N	03 25W	33-048399	Agricultural Research Council
Coventry (Warwick)	C	1907	52 43N	00 40W	43-909154	Meteorological Office
Craibstone (Aberdeen)	Ag	1925	52 24N	01 34W	42-290780	City Council
Craighouse (Argyll)	C	1964	57 11N	02 12W	38-872107	Agricultural College
Cranwell (Lincoln)	SaA	1920	55 51N	05 57W	16-528680	Forestry Commission
Crawfordjohn (Lanark)	Sb	1967	53 02N	00 30W	53-003494	Meteorological Office
Creightons Green (Down)	C	1961	55 30N	03 46W	26-879239	Capt. J. Ross
Cricket Malherbie (Somerset)	C	1968	54 38N	05 47W	IJ(33)-431789	Hollywood Waterworks
Cromer (Norfolk)	H	1902	50 55N	02 55W	31-362126	Mrs. H. Taylor
Cross Island (Down)	Sun	1966	52 56N	01 17E	63-208422	Urban District Council
Crossmyloof (Lanark)	C	1963	54 31N	05 38W	IJ(33)-529649	D. Chamberlain Esq.
Crumblant (Monmouth)	Ag	1958	55 50N	04 17W	26-572627	Hutcheson's Grammar School
Culdrose (Cornwall)	C	1961	51 43N	02 46W	32-474024	Forestry Commission
Culterty (Aberdeen)	C	Not publ.	50 05N	05 15W	10-669264	Naval Weather Service
Cumbernauld (Dunbarton)	CA	1962	57 19N	02 00W	38-999260	Aberdeen University
Cupar (Fife)	C	1918	55 58N	03 58W	26-772760	Development Corporation
Cwmystwyth (Cardigan)	Ag	1960	56 20N	02 59W	37-388152	British Sugar Corporation Ltd.
Dalcross. INVERNESS/DALCROSS (Inverness)	A	1968	52 10N	03 42W	22-773745	Experimental Husbandry Farm
Dale Fort (Pembroke)	C	1952	57 32N	04 03W	28-766520	Meteorological Office
Dall (Perth)	C	1962	51 42N	05 09W	12-823052	Field Studies Council
Derby (Derby)	C	1956	56 41N	04 18W	27-593562	Rannoch School
Derrynoyd Forest (Londonderry)	C	1962	52 56N	01 28W	43-359367	County Borough of Derby
Dinnet (Aberdeen)	Ag	1963	54 47N	06 48W	IH(23)-770956	Forestry Division
Divis Mountain (Antrim)	C	Not publ.	57 07N	02 55W	38-446025	Agricultural College
Douglas (Isle of Man)	H	1884	54 36N	06 00W	IJ(33)-287751	Queen's University
Dounreay (Caithness)	CA	1959	54 10N	04 29W	24-382776	Borough Council
Dover (Kent)	CA	1884	58 35N	03 44W	29-990670	Atomic Energy Authority
Dover R.M.S. (Kent)	C	Not publ.	51 07N	01 19E	61-320410	Borough Council
Dovercourt (Essex)	H	1949	51 07N	01 19E	61-327439	Royal Military School
Downpatrick (Down)	C	1969	51 55N	01 15E	62-242301	Borough Council
Downside Abbey (Somerset)	C	1972	54 19N	05 43W	IJ(33)-489443	La Salle Community
Drummond Castle (Perth)	C	1971	51 15N	02 30W	31-656508	Downside Abbey
			56 20N	03 53W	27-841177	Drummond Castle Estates



Station (County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
<i>Drungans</i> (Dumfries)	A	Not publ.	0 1 55 03N	0 1 03 39W	25-949750	Imperial Chemical Industries Ltd.
Duirinish						
(Ross & Cromarty)	A	1960	57 19N	05 41W	18-776315	British Transport Commission
Dumfries (Dumfries)	C	1906	55 04N	03 36W	25-982747	Crichton Royal Institution
Dunbar (East Lothian)	H	1930	56 00N	02 31W	36-672791	Burgh Council
Dunblane (Perth)	Sun/R	1964	56 11N	03 58W	27-774014	Burgh Council
Dundee (Angus)	C	1907	56 28N	02 56W	37-422313	Training College
Dundeugh						
(Kirkcudbright)	C	1959	55 10N	04 12W	25-598879	Forestry Commission
Dungeness (Kent)	SbA	1956	50 55N	00 58E	61-091171	Trinity House
Dunstaffnage (Argyll)	CA	1972	56 27N	05 26W	17-881340	Scottish Marine Biological Association
Duntulm (Inverness)	C	1934	57 39N	06 22W	18-399718	S. Gordon Esq.
Durham (Durham)	CA	1884	54 46N	01 35W	45-267416	Durham University
Dyce ABERDEEN/DYCE						
(Aberdeen)	SaA	1943	57 12N	02 12W	38-883125	Meteorological Office
Earls Colne (Essex)	C	1925	51 55N	00 42E	52-858288	Grammar School
Earls Hill (Stirling)	Sb	1963	56 04N	04 03W	26-725882	Decca Navigation
East Bergholt (Suffolk)	C	1954	51 57N	01 02E	62-077333	Field Studies Council
Eastbourne (Sussex)	H	1891	50 46N	00 17E	50-611980	County Borough Council
Eastbourne Coastguard						
(Sussex)	Sb	1959	50 47N	00 18E	51-629006	Dept. of Trade and Industry
East Dereham (Norfolk)	C	1967	52 41N	00 57E	53-994138	H.A.J. Gray Esq.
Easthampstead Beaufort						
Park (Berkshire)	C	1963	51 23N	00 47W	41-846665	Meteorological Office
East Hoathly (Sussex)	Sb	1964	50 55N	00 10E	51-512147	Decca Navigation
East Kilbride (Lanark)	CA	1971	55 45N	04 10W	26-638535	Department of the Environment
East Malling (Kent)	Ag	1925	51 17N	00 27E	51-711568	Research Station
Edgbaston BIRMINGHAM/						
EDGBASTON (Warwick)	SbA	1900	52 28N	01 56W	42-046864	Birmingham University
Edinburgh (Midlothian):						
Blackford Hill	C	1914	55 55N	03 11W	36-258706	Astronomer Royal for Scotland
East Craigs	Ag	1959	55 57N	03 19W	36-183735	Department of Agriculture
Royal Botanic Garden	C	1940	55 58N	03 12W	36-245755	Department of the Environment
Elgin (Moray)	C	1953	57 39N	03 17W	38-229630	Town Council
Ellbridge (Cornwall)	Ag	1939	50 27N	04 15W	20-401632	Experimental Husbandry Station
Elmdon. BIRMINGHAM AIRPORT						
(Warwick)	SaA	1949	52 27N	01 44W	42-176839	Meteorological Office
Elmstone (Kent)	C	1959	51 17N	01 10E	61-264606	J.B. Henderson Esq.
Esgairwen-Uchaf. ESGAIRWEN						
(Carmarthen)	Sb	1971	52 05N	04 01W	22-609453	N.F. Birdwood Esq.
Eskdalemuir (Dumfries)	OA	1910	55 19N	03 12W	36-235026	Meteorological Office
Everton (Hampshire)	Ag	1955	50 44N	01 34W	40-303937	Experimental Horticultural Station
Exeter. EXETER AIRPORT(Devon)	SaA	1946	50 44N	03 25W	30-001933	Meteorological Office
<i>Exeter Southam</i> (Devon)	C	1961	50 43N	03 30W	20-954919	Hele's School
Exmouth (Devon)	H	1913	50 37N	03 24W	30-015813	Urban District Council
<i>Exton</i> (Somerset)	Sb	Not publ.	51 06N	03 29W	21-962338	G. Toze Esq.
Fairford (Gloucester)	A	1970	51 41N	01 46W	41-157990	Meteorological Office
Falkirk Sewage Works						
(Stirling)	C	1967	56 01N	03 46W	26-902820	Town Council
Falmouth (Cornwall)	H	1884	50 09N	05 05W	10-802325	Borough Council
Farnborough R.A.E.(Hampshire)	A	1970	51 17N	00 45W	41-857541	Meteorological Office
Faskally (Perth)	C	1955	56 43N	03 46W	27-918599	Department of Agriculture
Faversham (Kent)	Ag	1959	51 17N	00 52E	61-007593	National Fruit Trials
Fernhurst (Sussex)	Ag	1952	51 02N	00 42W	41-908267	Plant Protection Ltd.
Fettercairn (Kincardine)	Ag	1949	56 54N	02 32W	37-669782	Agricultural Research Council
Filey (Yorks. E.R.)	H	1956	54 13N	00 17W	54-113801	Urban District Council
Filton (Gloucester)	Sa	1951	51 31N	02 35W	31-598802	Meteorological Office
Finchampstead						
(Berkshire)	Ag	1957	51 25N	00 55W	41-792633	J.R. Allison Esq.
Finnart (Dunbarton)	C	1965	56 07N	04 50W	26-241951	British Petroleum
Finningley (Nottingham)	SaA	1943	53 29N	01 00W	43-658988	Meteorological Office
<i>Finsbay</i> (Inverness)	C	Not publ.	57 47N	06 55W	18-073872	W. Leonard Esq.
Fleetwood (Lancashire)	A	1923	53 56N	03 01W	34-333482	Borough Council
<i>Floors Castle</i> (Roxburgh)	C	Not publ.	55 36N	02 28W	36-707345	Roxburgh Estates
Folkestone (Kent)	H	1905	51 05N	01 10E	61-214369	Folkestone Corporation
Forres (Moray)	C	1933	57 37N	03 36W	38-047587	Burgh Council
Fort Augustus						
(Inverness)	C	1887	57 08N	04 40W	28-381091	The Abbey
Fort Augustus(Hydro-electric Board). FORT AUGUSTUS NSHEB	A	1966	57 08N	04 43W	28-356085	North of Scotland Hydro-electric Board
(Inverness)						
<i>Forth Road Bridge</i>						
(West Lothian)	A	1967	56 00N	03 24W	36-125796	Forth Road Bridge Joint Board
Fortrose (Ross & Cromarty)	C	1911	57 35N	04 05W	28-749557	Town Council



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			0 1	0 1		
<i>Fort William</i>						
(Inverness)	C	1932	56 50N	05 05W	27-123759	Carmaghael School
Fowey (Cornwall)	C	1910	50 20N	04 38W	20-121520	Borough Council
Fraserburgh (Aberdeen)	SbA	1968	57 41N	02 00N	38-999675	Dept. of Trade and Industry
Fyvie Castle (Aberdeen)	C	1959	57 27N	02 27W	38-764393	Sir Ian Forbes-Leith, Bart.
Galashiels (Selkirk)	C	1968	55 37N	02 49W	36-479367	S.E. Scotland Water Board
Garston (Hertford)	CA	1954	51 42N	00 23W	52-123017	Department of the Environment
Gartly (Aberdeen)	C	1969	57 22N	02 48W	38-523323	Forestry Commission
Garvagh Forest (Londonderry)	C	1962	54 58N	06 41W	IC(24)-836159	Forestry Division
Gatwick. LONDON/GATWICK AIRPORT (Surrey)	SaA	1959	51 09N	00 11W	51-265407	Meteorological Office
Gillingham (Kent)	C	1956	51 24N	00 34E	51-785693	Borough Council
Girdstingwood (Kirkcudbright)	Sun	1971	54 48N	03 57W	25-742469	Kings Barracks
Girvan (Ayr)	C	1969	55 15N	04 51W	25-184979	Town Council
Glamis Castle (Angus)	C	1957	56 37N	03 00W	37-388486	Strathmore Estates(Holding)Ltd.
Glasgow Springburn (Lanark)	C	1914	55 53N	04 14W	26-608686	Glasgow Corporation
Glenbranter (Argyll)	C	1926	56 08N	05 02W	26-113978	Forestry Commission
Gleneagles (Perth)	C	1965	56 17N	03 45W	27-918112	British Transport Hotels
Glen Etive (Argyll)	C	1968	56 35N	05 01W	27-143475	Forestry Commission
Glenlee (Kirkcudbright)	Sb	1887	55 06N	04 11W	25-606805	Electricity Board
Glenlivet (Banff)	Sb	1965	57 21N	03 21W	38-188303	J. Williams Esq.
Glenlochar Barrage (Kirkcudbright)	C	1954	54 52N	04 02W	25-732646	Electricity Board
Glenmore Lodge (Inverness)	Sb	1952	57 10N	03 42W	28-986095	Centre for Outdoor Training
Glenrothes Glenwood (Fife)	C	1972	56 12N	03 13W	37-250011	Glenwood Junior School
Glentress (Peebles)	C	1960	55 39N	03 08W	36-283397	Forestry Commission
Gloucester (Gloucester)	Sa	1962	51 52N	02 13W	32-851177	Meteorological Office
Gogerddan (Cardigan)	Ag	1956	52 26N	04 01W	22-627836	Plant Breeding Station
Gordon Castle (Moray)	C	1909	57 37N	03 05W	38-350595	Col. G.C. Gordon Lennox
Gorleston (Norfolk)	SbA	1914	52 35N	01 43E	63-534037	Dept. of Trade and Industry
Goudhurst (Kent)	C	1935	51 04N	00 27E	51-722333	Forestry Commission
Grangemouth (Stirling)	C	1967	56 01N	03 43W	26-929819	Town Council
<i>Grangemouth Refinery</i> (Stirling)	C	1971	56 01N	03 42W	26-943813	British Petroleum
Grantown-on-Spey (Moray)	C	1958	57 20N	03 36W	38-039285	Town Council
Great Dun Fell (Westmorland)	SbA	1960	54 41N	02 27W	35-710322	Ministry of Aviation
Greenmount (Antrim)	Ag	1964	54 41N	06 13W	IJ(33)-152847	Agricultural College
<i>Greenock Port</i> (Renfrew)	A	Not publ.	55 57N	04 46W	26-275773	Clyde Port Authority
Greenock (Renfrew)	C	1915	55 56N	04 46W	26-274757	Lower Clyde Water Board
Greenwich (Greater London)	C	1907	51 29N	00 00W	51-387776	National Maritime Museum
Grendon Underwood (Buckingham)	C	1963	51 54N	01 01W	42-678215	Institute of Hydrology
<i>Greycrook</i> (Roxburgh)	C	Not publ.	55 34N	02 38W	36-599305	Agricultural College
Grizedale (Lancashire)	C	1961	54 21N	03 01W	34-337941	Forestry Commission
Guernsey (Channel Islands): Airport	Sa	1950	49 26N	02 36W	554-296760	States Airport
L'ancresse	H	1967	49 29N	02 32W	554-337829	States Tourist Committee
<i>Lihou</i>	C	Not publ.	49 26N	02 40W	554-242790	Lt.Col.D.A. Wootten
Gulval (Cornwall)	Ag	1925	50 08N	05 32W	10-486317	Sutton and Sons Ltd.
Gwennap Head (Cornwall)	SbA	1972	50 02N	05 40W	10-365217	Dept. of Trade and Industry
Haddington(East Lothian)	C	1957	55 57N	02 47W	36-513736	Town Council
Hadlow College (Kent)	Ag	1968	51 13N	00 20E	51-628497	College of Agriculture
Hamnavoe (Zetland)	C	1962	60 06N	01 20W	411-372357	Junior Secondary School
Hampstead (Greater London)	C	1910	51 34N	00 11W	51-262863	Hampstead Scientific Society
Hampton (Greater London)	CA	1951	51 25N	00 22W	51-132694	Metropolitan Water Board
<i>Hampton Loade</i> (Shropshire)	C	Not publ.	52 29N	02 22W	32-752869	Severn River Authority
Harlow (Essex)	C	1965	51 46N	00 08E	52-470101	Standard Telecommunication Labs.
<i>Harrogate</i> (Yorks. W.R.)	C	Not publ.	54 01N	01 33W	44-303579	Borough Council
Hartburn Grange (Durham)	C	1970	54 34N	01 22W	45-407185	British Titan Products
Hartland Point (Devon)	Sb	1938	51 01N	04 32W	21-231277	Dept. of Trade and Industry
Hartlepool (Durham)	C	1952	54 41N	01 12W	45-510327	H. Lamb Esq.
Hastings (Sussex)	H	1935	50 51N	00 34E	51-809094	County Borough Council
Haverfordwest (Pembroke)	C	1884	51 47N	04 58W	12-956146	Borough Council
Hawarden Bridge (Flint)	C	1901	53 12N	03 01W	33-314694	John Summers and Sons
Hawkridge (Somerset)	Ag	1959	50 58N	03 36W	21-877327	Experimental Husbandry Farm
Haydon Bridge (Northumberland)	C	1956	54 58N	02 15W	35-838646	Technical School



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			0 1	0 1		
Hayling Island (Hampshire)	H	1956	50 47N	00 59W	40-716988	Urban District Council
Heathrow. LONDON/HEATHROW AIRPORT(Greater London)	SaA	1948	51 29N	00 27W	51-077767	Meteorological Office
Helens Bay (Down)	C	1964	54 40N	05 45W	IJ(33)-453825	T.D. Boyd Esq.
Helensburgh (Dunbarton)	C	1915	56 01N	04 43W	26-303836	Burgh Council
Helmshore (Lancashire)	Ag	1953	53 41N	02 20W	34-774205	Experimental Husbandry Farm
Hempsted (Gloucester)	C	1960	51 50N	02 16W	32-811157	Gloucester Corporation
Hereford Sewage Works (Hereford)	C	1971	51 01N	02 42W	32-520388	Hereford Corporation
Herne Bay (Kent)	H	1939	51 22N	01 10E	61-209673	Urban District Council
High Mowthorpe (Yorks. E.R.)	Ag	1952	54 06N	00 38W	44-888685	Experimental Husbandry Farm
Hillsborough (Down)	Ag	1931	54 27N	06 04W	IJ(33)-251577	Agricultural Research Institute
Hoddesdon (Hertford)	Ag	1960	51 46N	00 01W	52-369106	Experimental Horticultural Station
Honington (Suffolk)	SaA	1970	52 20N	00 46E	52-887749	Meteorological Office
Houghall (Durham)	Ag	1925	54 46N	01 34W	45-283412	School of Agriculture
Huddersfield (Yorks. W.R.)	C	1907	53 38N	01 43W	44-163165	County Borough Council
Huddersfield Oakes (Yorks. W.R.)	Sb	1926	53 39N	01 50W	44-113177	S. Morris Bower Esq.
Hull (Yorks. E.R.)	C	1907	53 45N	00 16W	54-084302	Kingston-upon-Hull Corporation
Hunterston (Ayr)	CA	1967	55 43N	04 54W	26-183514	Electricity Board
Hurley (Berkshire)	Ag	1953	51 32N	00 49W	41-823829	Grassland Research Institute
Hurn. BOURNEMOUTH AIRPORT(Hampshire)	SaA	1963	50 47N	01 50W	40-117978	Meteorological Office
Hyde Park (Antrim)	C	Not publ.	54 41N	06 00W	IJ(33)-295824	Michelin (Belfast) Ltd.
Ilfracombe (Devon)	H	1912	51 12N	04 08W	21-520478	Urban District Council
Ilkley (Yorks. W.R.)	C	1922	53 56N	01 50W	44-125478	Urban District Council
Inchterf (Renfrew)	A	Not publ.	55 57N	04 07W	26-678759	Ministry of Defence
Inverness (Inverness)	C	1914	57 29N	04 13W	28-668462	Fire Brigade
Inverpolly (Ross & Cromarty)	C	1963	58 04N	05 16W	29-074134	Nature Conservancy
Inverurie (Aberdeen)	C	1968	57 16N	02 22W	38-779204	Burgh Council
Ipsley Sewage Works (Worcester)	C	1968	52 17N	01 55W	42-062656	Urban District Council
Isle of Grain (Kent)	A	1956	51 26N	00 42E	51-879749	Kent Oil Refinery
Isle of Rhum (Inverness)	C	1958	57 01N	06 17W	17-402996	Nature Conservancy
Jersey (Channel Islands): Airport	SaA	1956	49 12N	02 12W	554-588508	States Airport
Gorey Castle	Sun	1962	49 12N	02 01W	554-695545	States Committee of Tourism
St. Helier	H	1924	49 12N	02 06W	554-652493	Harbours and Airport Committee
John O'Groats (Caithness)	C	1969	58 38N	03 04W	39-382725	J. Will Esq.
Keele (Stafford)	CA	1952	53 00N	02 16W	33-820446	Keele University
Keiss (Caithness)	C	Not publ.	58 33N	03 07W	39-355621	J. Will Esq.
Kelso (Roxburgh)	C	1967	55 35N	02 26W	36-735345	Town Council
Kensington Palace (Greater London)	C	1918	51 31N	00 10W	51-259801	Department of the Environment
Kew (Greater London)	OA	1884	51 28N	00 19W	51-171757	Meteorological Office
Kielder Castle (Northumberland)	C	1951	55 14N	02 34W	35-632935	Forestry Commission
Kildonan (Bute)	Sb	1966	55 26N	05 06W	26-035209	Dept. of Trade and Industry
Kilkeel (Down)	SbA	1957	54 03N	06 00W	IJ(33)-315140	Dept. of Trade and Industry
Killin (Perth)	Sb	Not publ.	56 29N	04 21W	27-546348	North of Scotland Hydro-electric Board
Killough (Down)	Sb	1964	54 14N	05 37W	IJ(33)-540353	Dept. of Trade and Industry
Kilnsea (Yorks. E.R.)	Sb	1965	53 37N	00 09E	54-417161	Dept. of Trade and Industry
Kilmarnock (Ayr)	C	1907	55 37N	04 31W	26-414378	Town Council
Kilroot (Antrim)	C	1964	54 43N	05 45W	IJ(33)-441894	Imperial Chemical Industries Ltd.
Kindrogan (Perth)	C	Not publ.	56 45N	03 35W	37-054629	Field Studies Association
Kinlochewe (Ross & Cromarty)	C	1954	57 37N	05 18W	28-024630	Nature Conservancy
Kinloss (Moray)	SaA	1952	57 39N	03 34W	38-067627	Meteorological Office
Kinross (Kinross)	C	1969	56 13N	03 25W	37-125033	Sir David Montgomery
Kirkcaldy (Fife)	C	1951	56 06N	03 10W	36-268912	Town Council
Kirkham (Lancashire)	Ag	1952	53 48N	02 53W	34-414347	Experimental Horticultural Station
Kirkintilloch (Dunbarton)	C	Not publ.	55 57N	04 08W	26-665743	A. McGugan Esq.
Kirkwall. KIRKWALL AIRPORT (Orkney)	SaA	1928	58 57N	02 54W	310-483076	Meteorological Office
Knapdale Forest (Argyll)	C	1968	56 04N	05 33W	16-789909	Forestry Commission
Knockanrock (Ross & Cromarty)	C	1968	58 02N	05 05W	29-187087	Nature Conservancy



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			0 1	0 1		
Knockmany Forest (Tyrone)	C	1962	54 26N	07 10W	IH(23)-537546	Forestry Division
Knutsford (Cheshire)	C	1962	53 18N	02 21W	33-757783	R. Bowles Esq.
Lacock (Wiltshire)	Ag	1951	51 26N	02 07W	31-923702	School of Agriculture
Lagganlia (Inverness)	C	1972	57 07N	03 53W	28-856038	J. Paisley Esq.
Lairg (Sutherland)	C	1971	58 01N	04 24W	29-578055	Forestry Commission
Lake Vyrnwy (Montgomery)	C	1941	52 45N	03 28W	33-016192	Liverpool Corporation
Lanark (Lanark)	C	1965	55 40N	03 47W	26-875434	College of Agriculture
Largs (Ayr)	Sun	1961	55 48N	04 52W	26-204599	Town Council
Larkhill (Wiltshire)	SaA	1920	51 12N	01 48W	41-137447	Meteorological Office
Larne (Antrim)	C	1963	54 51N	05 50W	ID(34)-393026	Grammar School
Lathom Park (Lancashire)	C	Not publ.	53 34N	02 49W	34-458087	Pilkington Bros.
Lauder (Berwick)	C	1962	55 44N	02 46W	36-521488	Forestry Commission
Leadhills (Lanark)	C	1953	55 25N	03 45W	26-888153	D. Grant Esq.
Leckford (Hampshire)	C	1936	51 07N	01 27W	41-393365	Leckford Estate
Leeming (Yorks. N.R.)	SaA	1966	54 18N	01 32W	44-305890	Meteorological Office
Leitholm (Berwick)	C	1972	55 42N	02 20W	36-788453	P. Macfarlane Esq.
Lenzie (Dunbarton)	C	Not publ.	55 56N	04 09W	26-652727	Lenzie Academy
Lerwick (Zetland)	OA	1939	60 08N	01 11W	411-453397	Meteorological Office
Letchworth (Hertford)	C	1960	51 58N	00 13W	52-208346	Urban District Council
Letcombe Regis (Berkshire)	C	1961	51 35N	01 27W	41-380863	Agricultural Research Council
Leuchars (Fife)	SaA	1922	56 23N	02 52W	37-468208	Meteorological Office
Lincoln (Lincoln)	C	1945	53 14N	00 34W	43-962719	Lincoln Corporation
Lisburn (Antrim)	C	Not publ.	54 31N	06 02W	IJ(33)-267649	Lisburn Friends School
Lislap Forest (Tyrone)	C	1960	54 42N	07 16W	IH(23)-485823	Queen's University
Lisnafillan (Antrim)	C	1964	54 51N	06 19W	ID(34)-075023	Gallagher Ltd.
Lisnaskea (Fermanagh)	C	1966	54 16N	07 28W	IH(23)-341351	Milk Marketing Board
Littlehampton (Sussex)	H	1916	50 48N	00 32W	51-033018	Urban District Council
Little Parndon (Essex)	C	1952	51 47N	00 05E	52-446108	Harlow Development Corporation
Little Rissington (Gloucester)	Sa	1944	51 52N	01 42W	42-209191	Meteorological Office
Livingston (West Lothian)	C	1970	55 53N	03 32W	36-035659	Livingston Development Corporation
Lizard (Cornwall)	SbA	1932	49 57N	05 12W	10-701119	Dept. of Trade and Industry
Llandrindod Wells (Radnor)	C	1936	52 14N	03 22W	32-061605	Urban District Council
Llety-evan-Hen (Cardigan)	Ag	1939	52 27N	03 56W	22-693851	Plant Breeding Station
Llwynon (Brecknock)	C	1952	51 47N	03 26W	32-013115	Cardiff Corporation
Loggerheads (Denbigh)	C	1962	53 03N	03 14W	33-201622	Liverpool Education Committee
London Weather Centre (Greater London)	SunA	1929	51 31N	00 07W	51-308816	Meteorological Office
Long Ashton (Somerset)	Ag	1920	51 26N	02 40W	31-537699	Bristol University
Long Sutton (Hampshire)	Ag	1924	51 15N	00 56W	41-748467	Lord Wandsworth College
Lossiemouth (Moray)	SaA	1961	57 43N	03 20W	38-213699	Meteorological Office
Lough Bradan (Tyrone)	C	1963	54 36N	07 36W	IH(23)-259725	Rural District Council
Loughermore Forest (Londonderry)	C	1962	54 57N	07 05W	IC(24)-584128	Forestry Division
Loughgall (Armagh)	Ag	1959	54 24N	06 36W	IH(23)-907519	Plant Breeding Division
Lough Navar Forest (Fermanagh)	C	1962	54 26N	07 54W	IH(23)-062546	Forestry Division
Lowestoft (Suffolk)	H	1899	52 30N	01 45E	62-543947	Borough Council
Lowtown (Antrim)	Ag	1966	54 50N	06 01W	ID(34)-276005	Agricultural College
Luddington (Warwick)	Ag	1952	52 10N	01 45W	42-167528	Experimental Horticultural Station
Lurgan (Armagh)	C	1966	54 27N	06 20W	IJ(33)-073569	Craigavon Development Commission
Luton (Bedford)	C	1920	51 53N	00 22W	52-118216	Borough Council
Lyneham (Wiltshire)	Sa	1946	51 30N	01 59W	41-014793	Meteorological Office
Lynemouth (Northumberland)	A	Not publ.	55 12N	01 33W	45-292897	Alcan Lynemouth
Lyonshall (Hereford)	C	1948	52 13N	02 58W	32-339576	R. H. Green Esq.
Macclesfield (Cheshire)	C	1912	53 15N	02 08W	33-911741	Borough Council
Machrihanish (Argyll)	SaA	1965	55 26N	05 42W	16-663226	Meteorological Office
Mackworth (Derby)	C	1961	52 55N	01 31W	43-319362	Secondary School
Maldon (Essex)	C	1939	51 44N	00 40E	52-863065	Borough Council
Malham Tarn (Yorks. W.R.)	C	1950	54 06N	02 10W	34-893672	Field Studies Council
Malvern (Worcester)	C	1912	52 06N	02 18W	32-790461	Urban District Council
Manby (Lincoln)	SaA	1952	53 21N	00 05E	53-391869	Meteorological Office
Manchester Weather Centre (Lancashire)	SunA	1961	53 29N	02 15W	33-839985	Meteorological Office
Mansfield (Nottingham)	C	1926	53 09N	01 11W	43-543619	Borough Council
Manston (Kent)	SaA	1961	51 21N	01 21E	61-335666	Meteorological Office
March (Cambridge)	C	1972	52 32N	00 05E	52-421967	Middle Level Commissioners
Marchmont (Berwick)	C	1887	55 44N	02 25W	36-743484	Lady McEwen



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Margate (Kent)	H	1898	0 1	0 1		
Marham (Norfolk)	SaA	1952	51 24N	01 24E	61-368714	Borough Council
Marholm (Northampton)	C	Not publ.	52 39N	00 33E	53-726094	Meteorological Office
Marlborough (Wiltshire)	C	1884	52 36N	00 19W	53-145020	Lord Fitzwilliam
Marton (Yorks. N.R.)	C	1970	51 25N	01 44W	41-185686	Marlborough College
Martyr Worthy (Hampshire)	C		53 45N	01 13W	45-513157	D. L. Cox Esq.
Medmenham (Buckingham)	Ag	1959	51 06N	01 16W	41-517338	Experimental Husbandry Farm
Mepal (Cambridge)	C	1963	51 33N	00 50W	41-805839	Water Research Association
Mickleham (Surrey)	Ag	1969	52 26N	00 05E	52-431826	Min. of Agriculture, Fisheries and Food
Middlesbrough (Yorks. N.R.)	C	1952	51 16N	00 19W	51-173527	Field Studies Council
Middleton Camp (Midlothian)	A	1968	54 36N	01 09W	45-541232	Tees Conservancy Commissioners
Milford Haven Conservancy Board (Pembroke)	C	Not publ.	55 49N	03 00W	36-368582	National Camps Association
Moel Cynnedd (Montgomery)	SbA	1965	51 42N	05 03W	12-892054	Conservancy Board
Moneydig (Londonderry)	C	1969	52 29N	03 43W	22-843877	Natural Environment Research Council
Monks Wood (Huntingdon)	Sb	1939	54 59N	06 42W	IC(24)-890170	J. Porter Esq.
Montrose (Angus)	C	1964	52 24N	00 14W	52-202797	Nature Conservancy
Moor House (Westmorland)	C	1917	56 45N	02 29W	37-707617	Sunnyside Royal Hospital
Morcambe (Lancashire)	CA	1953	54 41N	02 23W	35-758328	Nature Conservancy
Moreton Morrell (Warwick)	H	1915	54 04N	02 52W	34-431645	Borough Council
Morley (Derby)	Ag	1955	52 12N	01 33W	42-306553	Institute of Agriculture
Morley St. Botolph (Norfolk)	Ag	1953	52 57N	01 25W	43-386401	Farm Institute
Mount Batten. PLYMOUTH/MOUNT BATTEN(Devon)	Ag	1969	52 33N	01 03E	62-061996	Norfolk Agricultural Station
Mull of Galloway (Wigtown)	SaA	1920	50 21N	04 07W	20-492529	Meteorological Office
Mumbles Head. MUMBLES (Glamorgan)	Sb	1958	54 38N	04 51W	25-157304	Northern Lighthouse Board
Murlough (Down)	C	1959	51 34N	03 59W	21-626871	Dept. of Trade and Industry
Mylnefield (Angus)	C	1969	54 15N	05 51W	IJ(33)-407352	Queen's University
Nairn (Nairn)	AgA	1955	56 27N	03 04W	37-341299	Horticultural Research Institute
Neath (Glamorgan)	C	1884	57 35N	03 54W	28-867568	Town Council
Nelson (Lancashire)	C	1956	51 39N	03 51W	21-715958	National Oil Refineries Ltd.
Ness Gardens (Cheshire)	C	1941	53 50N	02 12W	34-872384	Borough Council
Nettlecombe (Somerset)	C	1966	53 16N	03 03W	33-305756	Liverpool University
Nettlecombe Birds Hill (Somerset)	C	1969	51 08N	03 21W	31-057378	Field Studies Council
Newport (Monmouth)	C	Not publ.	51 07N	03 20W	31-055362	Field Studies Council
Newport (Shropshire)	Ag	1918	51 33N	03 02W	31-279849	Experimental Horticultural Station
Newquay (Cornwall)	Ag	1928	52 46N	02 26W	33-712204	Agricultural College
Newry Abbey (Down)	H	1891	50 25N	05 05W	10-812614	Urban District Council
Newthorpe (Nottingham)	C	Not publ.	54 10N	06 20W	IJ(33)-088272	The Abbey
Newton Abbot (Devon)	C	Not publ.	53 00N	01 17W	43-477449	Rural District Council
Newton Rigg (Cumberland)	Ag	1924	50 33N	03 39W	20-828729	Agricultural College
Newton Stewart (Wigtown)	Ag	1903	54 40N	02 47W	35-493310	Farm School
Newtownabbey (Antrim)	C	1965	54 57N	04 29W	25-406657	Douglas-Ewart High School
Newtown Linford (Leicester)	Ag	1965	54 39N	05 55W	IJ(33)-340802	Nematology Laboratory
North Heath (Sussex)	C	1960	52 41N	01 13W	43-530095	E.A. Bonser Esq.
North Hessary Tor (Devon)	Ag	1969	50 59N	00 29W	51-069227	School of Agriculture
Nottingham (Nottingham)	Sb	Not publ.	50 33N	04 00W	20-577742	British Broadcasting Corporation
Nunraw Abbey (East Lothian)	C	1903	52 57N	01 09W	43-568395	Nottingham Corporation
Oaken (Stafford)	C	Not publ.	55 51N	02 39W	36-594700	Lothians River Board
Onich (Inverness)	C	1943	52 35N	02 12W	33-857031	I.H. Houston Esq.
Orielton (Pembroke)	C	1924	56 43N	05 13W	27-030635	Forestry Commission
Orlock Head (Down)	C	1965	51 39N	04 57W	11-953992	Field Studies Council
Oswestry (Shropshire)	A	1969	54 40N	05 35W	IJ(33)-559833	Dept. of Trade and Industry
Oxford (Oxford)	C	1943	52 51N	03 04W	33-278293	Liverpool Corporation
	C	1884	51 46N	01 16W	42-509072	Radcliffe Observatory



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			0 1	0 1		
Paisley (Renfrew)	CA	1914	55 51N	04 26W	26-478642	Coats Observatory
Palnure (Kirkcudbright)	C	1959	54 57N	04 25W	25-452646	Forestry Commission
Parkhead (Stirling)	C	1971	56 09N	03 55W	26-812972	Stirling University
Parkmore Forest (Antrim)	C	1965	55 01N	06 07W	ID(34)-203207	Queen's University
Peckham (Kent)	Sb	1970	51 11N	00 38E	51-839462	R.W. Sharp Esq.
Penicuik (Midlothian)	C	1944	55 50N	03 13W	36-233599	Dr. J.T. Baldwin
Penkridge (Stafford)	Ag	1958	52 42N	02 06W	33-920116	Farm Institute
Penmaen (Glamorgan)	Ag	1969	51 35N	04 07W	21-531888	J.S. Powell Esq.
Penwhirn (Wigtown)	C	1959	54 59N	04 55W	25-127693	County Council
Pen-y-ffridd (Caernarvon)	Ag	1955	53 13N	04 09W	23-563705	University College
Penzance (Cornwall)	H	1908	50 07N	05 32W	10-473300	Borough Council
Pershore (Worcester)	SaA	1953	52 08N	02 02W	32-973495	Meteorological Office
Pershore College of Horticulture (Worcester)	Ag	1957	52 06N	02 03W	32-959449	College of Horticulture
Perth (Perth)	C	1914	56 24N	03 27W	37-101239	Town Council
Pickering (Yorks. W.R.)	C	1964	54 15N	00 46W	44-795842	J. Randall Esq.
Pitlochry (Perth)	C	1958	56 43N	03 44W	27-945588	Burgh Council
Pitreavie (Fife)	Sa	1961	56 03N	03 25W	36-117848	Meteorological Office
Plumpton (Sussex)	Ag	1966	50 54N	00 05W	51-356135	School of Agriculture
Plymouth Hoe (Devon)	C	1884	50 22N	04 08W	20-478537	Plymouth Corporation
Point of Ayre (Isle of Man)	SbA	1935	54 25N	04 22W	25-464049	Northern Lighthouse Board
Polloch (Argyll)	C	1966	56 45N	05 37W	17-791689	Forestry Commission
Pomeroy Forest (Tyrone)	C	1963	54 35N	06 54W	IH(23)-705724	Forestry Division
Pontefract (Yorks. W.R.)	C	1926	53 42N	01 19W	44-452219	King's School
Poole (Dorset)	H	1939	50 45N	01 59W	40-006937	Borough Council
Poolewe (Ross & Cromarty)	C	1962	57 47N	05 36W	18-861818	National Trust
Portadown (Armagh)	CA	1966	54 26N	06 25W	IJ(33)-019555	Development Commission
Port Ellen (Argyll)	C	1971	55 41N	06 16W	16-329516	Dept. of Trade and Industry
Porthcawl (Glamorgan)	C	1972	51 27N	03 43W	21-822771	Urban District Council
Portland Bill Coastguard (Dorset)	SbA	1967	50 31N	02 27W	30-677692	Dept. of Trade and Industry
Porton (Wiltshire)	SaA	1918	51 07N	01 42W	41-210366	Meteorological Office
Port Talbot (Glamorgan)	CA	1953	51 34N	03 45W	21-789867	Steel Company of Wales
Poulton-le-Fylde (Lancashire)	C	1957	53 50N	03 00W	34-346384	Baines Grammar School
Prabost (Inverness)	C	1960	57 28N	01 19W	18-418501	R. Murray Esq.
Prawle Point (Devon)	Sb	1972	50 12N	03 43W	20-773351	Dept. of Trade and Industry
Prestatyn (Flint)	H	1939	53 21N	03 24W	33-061837	Urban District Council
Preston (Lancashire)	C	1952	53 46N	02 42W	34-537311	Education Committee
Preston Wynne (Hereford)	Ag	1952	52 07N	02 30W	32-565475	Experimental Husbandry Farm
Prestwick (Ayr)	SaA	1939	55 30N	04 35W	26-360261	Meteorological Office
Princetown (Devon)	C	1912	50 33N	03 59W	20-586741	H.M. Prison
Pubble Forest (Fermanagh)	C	1962	54 21N	07 28W	IH(23)-335465	Forestry Division
Rannoch (Perth)	A	1959	56 41N	04 35W	27-423575	British Transport Commission
Raunds (Northampton)	C	1942	52 20N	00 31W	42-991721	T.C. Smith Esq.
Reading (Berkshire)	Ag	1904	51 26N	00 56W	41-739719	Reading University
Redesdale (Northumberland)	Ag	Not publ.	55 15N	02 16W	35-835955	Experimental Husbandry Farm
Repton School (Derby)	C	Not publ.	52 50N	01 33W	43-302270	S.T. Whitaker Esq.
Rhoose. GLAMORGAN/RHOOSE AIRPORT (Glamorgan)	SaA	1954	51 24N	03 21W	31-064679	Meteorological Office
Rhuvaal (Argyll)	Sb	1958	55 55N	06 08W	16-425792	Northern Lighthouse Board
Rhyl (Flint)	H	1899	53 19N	03 30W	33-002807	Urban District Council
Ringway. MANCHESTER AIRPORT (Cheshire)	SaA	1942	53 21N	02 16W	33-818850	Meteorological Office
Rochdale (Lancashire)	C	1949	53 38N	02 10W	34-883124	County Borough Council
Rodney Stoke (Somerset)	C	1966	51 15N	02 43W	31-488501	Nature Conservancy
Rogate (Sussex)	C	1970	51 00N	00 51W	41-809237	London University
Ronaldsway. ISLE OF MAN/ RONALDSWAY AIRPORT (Isle of Man)	SaA	1948	54 05N	04 38W	24-279687	Isle of Man Government
Roscor. ROSCOR/BELLECK (Fermanagh)	Sb	1963	54 28N	08 01W	IG(13)-971551	T. McGorty Esq.
Rosetta (Down)	C	1965	54 34N	05 55W	IJ(33)-346712	Carolyn Grammar School
Rosewarne (Cornwall)	Ag	1954	50 13N	05 18W	10-643412	Experimental Horticultural Station
Roslin (Midlothian)	C	Not publ.	55 51N	03 09W	36-273636	Poultry Research Centre
Ross-on-Wye (Hereford)	SbA	1912	51 55N	02 35W	32-598237	F.J. Parsons Esq.
Rothamsted (Hertford)	AgA	1884	51 48N	00 21W	52-132134	Experimental Station
Rothsay (Bute)	C	1908	55 50N	05 04W	26-083649	J. Boydell Esq.
Rudh Re (Ross & Cromarty)	Sb	1966	57 52N	05 49W	18-739918	Northern Lighthouse Board



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Rugby (Warwick)	CA	1956	0 1	0 1	42-507749	Rugby Weather Bureau
Rustington (Sussex)	Ag	1961	52 22N	01 15W	51-048032	Glasshouse Crops Research Inst.
Ruthin (Denbigh)	C	1960	53 07N	03 18W	33-133584	Brynhyfryd School
Ryde (Isle of Wight)	H	1914	50 44N	01 10W	40-595929	Borough Council
St. Abb's Head (Berwick)	Sb	1937	55 55N	02 08W	36-914693	Northern Lighthouse Board
St. Albans (Hertford)	Ag	1923	51 46N	00 18W	52-182076	Institute of Agriculture
St. Andrews (Fife)	C	1913	56 20N	02 48W	37-503167	Burgh Council
St. Austell (Cornwall)	C	1955	50 20N	04 47W	20-018526	Urban District Council
St. Catherines Point (Isle of Wight)	Sb	1959	50 35N	01 17W	40-506755	Trinity House
St. James Park (Greater London)	C	1905	51 30N	00 08W	51-299799	Department of the Environment
St. Johns (Cornwall)	C	Not publ.	50 37N	04 22W	20-327839	Cornwall River Authority
St. Margarets Bay (Kent)	Sb	Not publ.	51 09N	01 23E	61-373452	Dept. of Trade and Industry
St. Mawgan (Cornwall)	SaA	1956	50 26N	05 00W	10-871642	Meteorological Office
Salsburgh (Lanark)	Sb	1966	55 52N	03 52W	26-829648	Independent Television Authority
Sandown (Isle of Wight)	H	1908	50 39N	01 09W	40-602844	Urban District Council
Santon Downham (Norfolk)	Ag	1959	52 28N	00 41E	52-813901	Forestry Commission
Saxa Vord (Zetland)	A	Not publ.	60 50N	00 50W	412-631167	Ministry of Defence
Scarborough (Yorks. N.R.)	H	1884	54 17N	00 25W	54-031884	Borough Council
Scilly. SCILLY/ST. MARYS (Cornwall)	SbA	1884	49 56N	06 18W	00-913121	Dept. of Trade and Industry
Scole (Norfolk)	C	1972	52 22N	01 11E	62-151788	L. Atkinson Esq.
Seahouses (Northumberland)	Sb	1965	55 35N	01 39W	46-218321	Dept. of Trade and Industry
Sellafield (Cumberland)	CA	1952	54 25N	03 30W	35-027032	British Nuclear Fuels Ltd.
Shaftesbury (Dorset)	C	1897	51 01N	02 12W	31-861228	Christy's School
Shanklin (Isle of Wight)	H	1948	50 37N	01 11W	40-581808	Urban District Council
Shawbury (Shropshire)	Sa	1946	52 48N	02 40W	33-553221	Meteorological Office
Sheffield (Yorks. W.R.)	CA	1898	53 23N	01 29W	43-339873	Sheffield Corporation
Shin (Sutherland)	A	1964	57 57N	04 25W	28-573974	Generating Station
Shinfield (Berkshire)	Ag	1917	51 25N	00 57W	41-734686	Reading University
Shipston-on-Stour (Warwick)	C	1941	52 04N	01 42W	42-213407	Sir Adrian Beecham.Bart.
Shirburn Model Farm (Oxford)	C	1969	51 40N	00 59W	41-695971	J.D.G. Parker Esq.
Shoeburyness (Essex)	SaA	1903	51 32N	00 49E	51-948857	Meteorological Office
Shrewsbury (Shropshire)	C	1930	52 43N	02 43W	33-517136	Borough Council
Sidmouth (Devon)	C	1924	50 41N	03 14W	30-124873	Urban District Council
Silpho Moor (Yorks. N.R.)	AgA	1953	54 20N	00 31W	44-957946	Forestry Commission
Silsoe (Bedford)	Ag	1953	52 01N	00 25W	52-092358	Nat. Inst. of Agric. Engineering
Skegness (Lincoln)	H	1904	53 09N	00 21E	53-569631	Urban District Council
Skokholm Island (Pembroke)	C	Not publ.	51 42N	05 16W	12-739051	Field Studies Council
Slaidburn (Yorks. W.R.)	C	1955	53 59N	02 26W	34-717547	Fylde Water Board
Slapton (Devon)	C	1961	50 11N	03 37W	20-824449	Field Studies Council
Sloy (Dunbarton)	Sb	1966	56 15N	04 43W	27-321098	North of Scotland Hydro-electric Board
Somerset Forest (Londonderry)	C	1962	55 06N	06 41W	IC(24)-840301	Forestry Division
Sourhope (Roxburgh)	Ag	1952	55 29N	02 15W	36-845202	Agricultural Research Council
Southampton Mayflower Park (Hampshire)	C	1884	50 54N	01 24W	41-416112	Meteorological Office
Southend (Essex)	H	1906	51 32N	00 44E	51-900850	County Borough Council
South Farnborough (Hampshire)	Sa	1914	51 17N	00 45W	41-867548	Meteorological Office
Southgate (Greater London)	C	1940	51 38N	00 07W	51-299952	Borough Council
Southport (Lancashire)	HA	1897	53 40N	02 58W	34-371207	County Borough Council
Southsea (Hampshire)	H	1959	50 48N	01 06W	40-640990	City of Portsmouth Council
South Shields (Durham)	A	1914	55 00N	01 26W	45-373677	Port of Tyne Authority
Spadeadam (Cumberland)	CA	1960	55 02N	02 38W	35-599720	Rolls Royce Ltd.
Speke. LIVERPOOL AIRPORT (Lancashire)	SaA	1949	53 20N	02 51W	33-437820	Meteorological Office
Squires Gate. BLACKPOOL AIRPORT (Lancashire)	SaA	1944	53 46N	03 02W	34-316317	Meteorological Office
Stanhope Farm (Peebles)	Ag	1957	55 33N	03 24W	36-123296	Agricultural Research Council
Stanstead Abbotts (Hertford)	C	1959	51 46N	00 00	52-389100	Harlow Development Corporation
Stansted. STANSTED AIRPORT (Essex)	SaA	1953	51 53N	00 13E	52-531226	Meteorological Office
Starcross (Devon)	Ag	1950	50 38N	03 27W	20-972821	Ministry of Agriculture, Fisheries and Food
Stenness (Orkney)	C	1962	58 59N	03 13W	30-298112	P. Leith Esq.
Stirling Batterflats (Stirling)	C	1918	56 07N	03 57W	26-786925	Stirling Corporation



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Stone (Stafford)	Ag	1955	0 1 52 53N	0 1 02 11W	33-878321	Agricultural Research Council
Stonehaven (Kincardine)	C	1909	56 58N	02 12W	37-875864	Burgh Council
Stonyhurst (Lancashire)	C	1884	53 51N	02 28W	34-692388	Stonyhurst College
Stormont Castle (Down)	C	1958	54 35N	05 48W	IJ(33)-402749	Works Division
Stornoway (Ross & Cromarty)	SaA	1884	58 13N	06 20W	19-459332	Meteorological Office
Stornoway Coastguard (Ross & Cromarty)	A	1884	58 12N	06 22W	19-443305	Dept. of Trade and Industry
Strabane (Tyrone)	C	1967	54 49N	07 27W	IH(23)-352974	Secondary Intermediate School
Stratford-on-Avon (Warwick)	Ag	1957	52 11N	01 44W	42-164549	Experimental Husbandry Farm
Strathallan School (Perth)	C	1969	56 21N	03 28W	37-090185	Strathallan School
Strathconon (Ross & Cromarty)	C	1969	57 33N	04 48W	28-329551	Forestry Commission
Strathay (Sutherland)	C	1939	58 31N	04 01W	29-830609	Dept. of Agriculture
Strathyre (Perth)	C	1957	56 19N	04 19W	27-561167	Forestry Commission
Sule Skerry (Orkney)	Sb	1953	59 05N	04 24W	20-623241	Northern Lighthouse Board
Sumburgh (Zetland)	A	Not publ.	59 53N	01 18W	411-404080	Civil Aviation Authority
Sutton Bonington (Nottingham)	Ag	1924	52 50N	01 15W	43-507261	School of Agriculture
Sutton Bridge (Lincoln)	C	Not publ.	52 45N	00 11E	53-481203	Potato Marketing Board
Swanage (Dorset)	H	1939	50 37N	01 57W	40-030794	Urban District Council
Swansea (Glamorgan)	C	1908	51 37N	03 55W	21-642923	City Corporation
Swyddffynnon (Cardigan)	C	1956	52 16N	03 55W	22-696655	Nature Conservancy
Tandragee (Armagh)	C	1971	54 22N	06 26W	IJ(33)-023478	Electricity Board
Tarbatness (Ross & Cromarty)	Sb	1950	57 52N	03 46W	28-947875	Northern Lighthouse Board
Tavistock (Devon)	C	1912	50 33N	04 10W	20-482748	Rural District Council
Teignmouth (Devon)	H	1910	50 33N	03 29W	20-941728	Urban District Council
Terrington St. Clement (Norfolk)	Ag	1951	52 45N	00 18E	53-547187	Experimental Husbandry Farm
The Lake (Kirkcudbright)	C	Not publ.	54 48N	04 03W	25-682474	E.W. Arkle Esq.
Thorney Island (Sussex)	SaA	1958	50 49N	00 55W	41-758026	Meteorological Office
Threave (Kirkcudbright)	C	1962	54 56N	03 57W	25-751607	School of Practical Gardening
Throwley (Kent)	Ag	1953	51 14N	00 51E	51-983518	Christopher Neame Ltd.
Timpany (Down)	C	Not publ.	54 22N	05 53W	IJ(33)-375481	C.R. Robb Esq.
Tiree (Argyll)	SaA	1927	56 30N	06 53W	07-999446	Meteorological Office
Torbay Torquay (Devon)	H	1891	50 28N	03 31W	20-909638	Borough Council
Totnes (Devon)	C	1941	50 27N	03 42W	20-797629	Dartington Hall Trustees
Trawscoed (Cardigan)	Ag	1952	52 20N	03 57W	22-674736	Experimental Husbandry Farm
Trawsfynydd (Merioneth)	SbA	1962	52 56N	03 56W	23-694389	Central Electricity Generating Board
Tredegar (Monmouth)	C	1952	51 46N	03 15W	32-141087	Borough Council
Troon (Ayr)	Sun	Not publ.	55 32N	04 40W	26-322309	Burgh Council
Troqueer (Dumfries)	C	Not publ.	55 03N	03 37W	25-969749	Burgh Council
Tummel Bridge (Perth)	A	1965	56 42N	04 01W	27-772590	North of Scotland Hydro-electric Board
Turnhouse. EDINBURGH AIRPORT (Midlothian)	SaA	1949	55 57N	03 21W	36-159739	Meteorological Office
Tynemouth (Northumberland)	Sb	1912	55 01N	01 25W	45-374695	Dept. of Trade and Industry
Upavon (Wiltshire)	Sa	1956	51 18N	01 46W	41-161548	Meteorological Office
Usan (Angus)	Sb	1966	56 41N	02 27W	37-724544	Dept. of Trade and Industry
Ushaw College (Durham)	C	1912	54 47N	01 39W	45-219436	Ushaw College
Usk (Monmouth)	Ag	1924	51 42N	02 55W	32-370018	College of Agriculture
Valley (Anglesey)	SaA	1942	53 15N	04 32W	23-310758	Meteorological Office
Ventnor (Isle of Wight)	H	1952	50 36N	01 13W	40-556778	Urban District Council
Virginstow (Devon)	Sb	1968	50 43N	04 17W	20-386938	J.B. Jones Esq.
Waddington (Lincoln)	SaA	1947	53 10N	00 31W	43-988653	Meteorological Office
Waddon (Greater London)	C	1921	51 21N	00 07W	51-314639	Borough Council
Wakehurst Place (Sussex)	C	1967	51 04N	00 05W	51-338314	Royal Botanic Gardens
Wallingford (Berkshire)	C	1961	51 32N	01 10W	41-617898	Institute of Hydrology
Walsall (Stafford)	C	1943	52 37N	01 55W	43-058010	J.C.W. Day Esq.
Walton-on-Naze (Essex)	Sb	1938	51 51N	01 17E	62-259225	Dept. of Trade and Industry
Warsop (Nottingham)	Ag	1953	53 13N	01 07W	43-591699	Experimental Husbandry Farm
Watnall (Nottingham)	SaA	1948	53 00N	01 15W	43-503456	Meteorological Office
Wattisham (Suffolk)	SaA	1960	52 07N	00 58E	62-026514	Meteorological Office
Wauchope (Roxburgh)	C	1956	55 23N	02 39W	36-587097	Forestry Commission
Wealdstone (Greater London)	Sun	1942	51 35N	00 20W	51-144898	Kodak Ltd.



Station (County)	Type	First published in MWR	Lat.	Long.	Grid Reference	Authority
Wellesbourne (Warwick)	Ag	1953	0 1 52 12N	0 1 01 36W	42-271565	National Vegetable Research Station
Wellington (Shropshire)	C	Not publ.	52 42N	02 29W	33-673117	Rural District Council
West Camel (Somerset)	C	1967	51 01N	02 37W	31-574247	G.R. Chapman Esq.
West Freugh (Wigtown)	SaA	1949	54 51N	04 57W	25-109546	Meteorological Office
West Kirby Park (Cheshire)	C	1926	53 23N	03 11W	33-216865	Urban District Council
West Linton (Peebles)	C	1907	55 45N	03 21W	36-150520	Central School
Weston-super-Mare (Somerset)	H	1912	51 22N	02 57W	31-338632	Borough Council
Weymouth (Dorset)	H	1908	50 37N	02 29W	30-661795	Town Council
Whitby (Yorks. N.R.)	H	1939	54 29N	00 37W	45-893104	Urban District Council
Whitby Coastguard (Yorks. N.R.)	Sb	1963	54 29N	00 36W	45-904115	Dept. of Trade and Industry
Whitchester (Berwick)	C	1964	55 49N	02 27W	36-721589	S.E. Landale Esq.
Whiteford Burrows (Glamorgan)	C	Not publ.	51 37N	04 15W	21-438941	National Trust
Whitehillocks (Angus)	C	1963	56 55N	02 54W	37-448800	E. Scotland Water Board
Whitstable (Kent)	H	1939	51 22N	01 02E	61-112665	Urban District Council
Wick (Caithness)	SaA	1884	58 27N	03 05W	39-364522	Meteorological Office
Wilsden. BINGLEY (Yorks. W.R.)	Sb	Not publ.	53 49N	01 52W	44-088349	Central Electricity Generating Board
Wilton Park (Yorks. W.R.)	C	Not publ.	53 44N	01 39W	44-235258	Bagshaw Museum
Wincanton (Somerset)	C	1963	51 04N	02 25W	31-704286	King Arthur's School
Winchester (Hampshire)	C	1953	51 05N	01 19W	41-475294	City Council
Winfrith (Dorset)	C	1963	50 40N	02 15W	30-820870	U.K. Atomic Energy Authority
Wingerworth (Derby)	C	1969	53 12N	01 27W	43-371669	D.S.B. Fellowes Esq.
Winnington (Cheshire)	C	1948	53 16N	02 32W	33-643747	Imperial Chemical Industries Ltd.
Wisley (Surrey)	Ag	1904	51 17N	00 26W	51-063583	Royal Horticultural Society
Wittering (Northampton)	SaA	1955	52 37N	00 28W	53-043026	Meteorological Office
Woburn (Bedford)	Ag	1904	52 01N	00 35W	42-964358	Lawes Agricultural Trust
Woodburn North (Antrim)	C	1968	54 45N	05 53W	IJ(33)-367905	Queen's University
Worthing (Sussex)	H	1899	50 50N	00 21W	51-160035	Worthing Corporation
Wrexham (Denbigh)	C	1944	53 03N	02 59W	33-338509	Grove Park School
Writtle (Essex)	Ag	1941	51 44N	00 26E	52-677069	Institute of Agriculture
Wye (Kent)	Ag	1924	51 11N	00 57E	61-057469	Agricultural College
Wyton (Huntingdon)	Sa	1957	52 21N	00 07W	52-284745	Meteorological Office
Yeovilton (Somerset)	Sa	1965	51 00N	02 38W	31-551237	Naval Weather Service
York Heslington (Yorks. N.R.)	C	1884	53 57N	01 02W	44-630511	Archbishop Holgate's School

Returns from the following stations ceased during 1972 but the stations are included in the above list because some information was received during the year:

Bridgnorth	Cupar	Finsbay
Glen Etive	John O'Groats	Lathom Park
Troon	Peckham	Repton School

The following changes should be noted:

- The station formerly known as Bath City Boys' School is now known as Bath following the re-naming of the school.
- With effect from July 1972 sunshine values given for Rothesay (Bute) have been recorded at Dhu Loch some 2½ miles to the SSW. Sunshine averages for Rothesay have continued to be used for comparison purposes.















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## Changeable and dull; mild spells but very cold during last few days

Except on the first few days and from the 28th to 30th relatively low pressure predominated over the British Isles. In general low pressure was concentrated to the north and west but troughs of low pressure frequently affected all areas and on the 26th a deep depression crossed northern England.

### Weather

In general it was a changeable and dull month. All areas had mild spells but snow blocked roads in the Scottish Highlands at the end of the third week and it was very cold everywhere during the last 3 days with snow at times.

### Wind

Although winds were often strong, especially in western areas, gales were reported on more days than average only on coasts in Wales and south-west England. Particularly windy spells occurred from the 15th to 19th and on the 26th and 27th. On the 17th and 18th mean wind speeds reached 40-50 kt at times in Scotland, and on the 18th gusts of 70 kt were recorded in the Outer Hebrides. On the evening of the 26th gusts of 60-70 kt occurred in south Wales and the West Country while overnight gusts in excess of 50 kt were recorded in places as far apart as Argyll and the Channel Islands. During the morning of the 27th winds reached storm force (that is a mean speed of 48 to 55 kt) along parts of the Yorkshire coast where gusts of 75 kt were reported at Whitby.

### Temperature

In most areas monthly mean temperature was near or slightly above average but the excess reached 1 degC only in a few places. On the other hand mean temperature was about 1 degC below average in Co. Fermanagh. The month began colder than average but from the 7th to 17th it was mostly mild, especially in Wales; a temperature of 14.5°C at Lake Vyrnwy (Montgomeryshire) on the 9th was the highest recorded there in January since continuous records began in 1948. A cold night in many areas on the 17th/18th heralded 4 cold days; frost occurred at night and on the 18th frost persisted throughout the day in parts of east and north-east England. From the 22nd to 27th temperatures were above average; on the 23rd the temperature reached 12.3°C at Elgin (Moray). The last 3 days were very cold; temperatures by day in many areas remained below 0°C and hard frost occurred widely at night. Uniformly low temperatures occurred overnight on the 30th/31st, notable among these were -18.5°C at the upland station Moor House (Westmorland) and -17.7°C at both Warsop (Nottinghamshire) and East Malling (Kent); at East Malling it was the lowest January minimum temperature since 1947.

### Rainfall

Rainfall (including melted snow) was above average generally over England, Wales and Northern Ireland, and also in parts of east and

south Scotland. However, excesses were mostly small except notably in some areas in east Scotland and north-east England. Nearly three times the average was recorded locally in the counties of Aberdeen (where Braemar had its wettest January since 1937), Angus and Kincardine; about twice the average occurred around the city of Durham which had its highest January rainfall total since 1948. Rain was a frequent occurrence during the month in many areas but amounts were often small. A noteworthy exception to this occurred in north-west England and south-west Scotland on the 18th and 19th. Continuous overnight rain (with snow on high ground) contributed to local flooding at Coniston (Lancashire) where a 24-hour rainfall of 81.5 mm was recorded at 09 GMT on the 19th. Thunder occurred in south-west England on the 13th and 16th and in some northern areas during the last week, particularly in north and west Scotland on the 24th.

### Snow

In north Scotland snow or sleet (rain or drizzle and snow) fell on fewer days than average but elsewhere it occurred with about the average frequency. Snow or sleet fell in southern England on the 2nd and 3rd and in many areas of England on the 7th and 8th, particularly over high ground in the Midlands where snow lay for a short time. On the 17th and 18th snow occurred in north-east and south Scotland and northern England; snow depths reached 10 cm in some areas and there was drifting on on high ground. During the last week scattered wintry

showers occurred in the north and on the last 3 days snow showers or more prolonged outbreaks of snow spread to England and Wales. Most snow fell in eastern areas and depths of 20 cm were measured in the north Pennines on the morning of the 31st.

### Sunshine

Most areas had a dull month and a few stations in east and extreme north Scotland, and in southern England recorded barely half the average amount of sunshine. Only 11.8 hours of sunshine were recorded at Hamnavoe (Shetland) during the entire month while Marchmont (Berwickshire), with 26.4 hours of sunshine, had its dullest January since 1944. The first 11 days were virtually sunless in eastern areas of England and Scotland while at Lerwick (Shetland) only 0.2 hours of sunshine were recorded during the first 18 days. A few sunny days during the latter half of the month, notably around the 20th, to some extent offset the paucity of sunshine earlier in the month.

### Fog

Hill fog occurred widely in England and Wales on the 2nd and 3rd. On the 5th and 6th morning fog, freezing in places, was reported in many areas in England and on the 6th fog patches persisted throughout the day in parts of the east Midlands and East Anglia. During the remainder of the month fog was neither frequent nor widespread.

### Miscellaneous phenomena

The aurora was seen by observers in Scotland on 2 nights.

Table 1 District values

January 1972

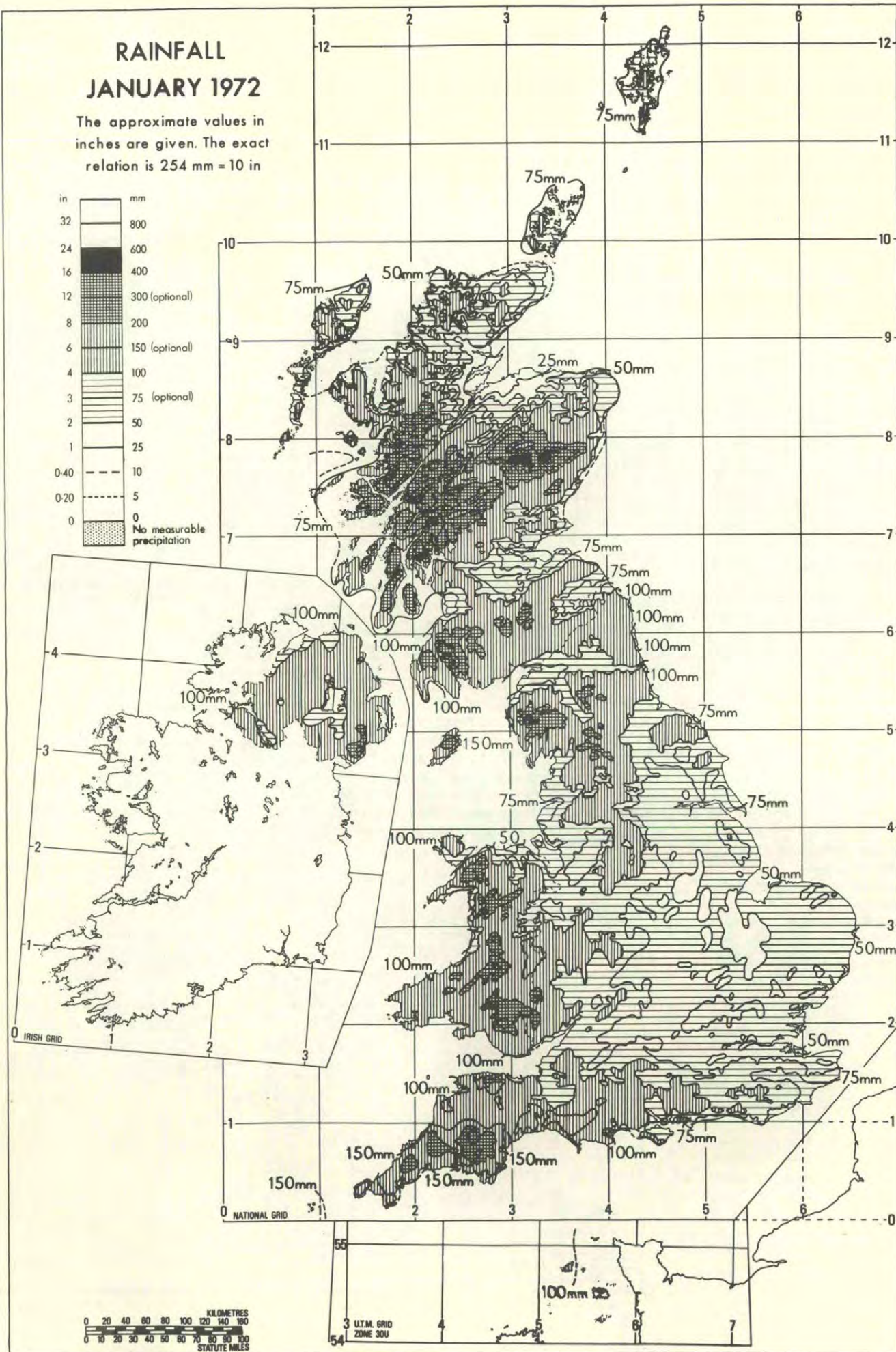
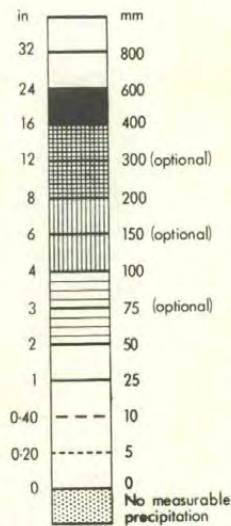
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. †	Min. †	difference from average						
0 Scotland N	10.5	−6.5	+0.4	+0.8	+0.6	−	−3	65	90
1 Scotland E	10.7	−10.2	0.0	+1.4	+0.7	+1.1	+7	131	70
2 England N E	10.0	−14.0	−0.2	+0.7	+0.2	+1.3	+7	128	85
3 England E	10.7	−11.0	−0.3	+0.6	+0.2	+1.2	+4	111	78
4 Midlands	11.1	−12.5	−0.1	+0.8	+0.3	+1.3	+4	113	93
5 England S E	10.8	−17.7	−0.2	+0.4	+0.1	+0.7	+3	109	64
6 Scotland W	11.1	−12.2	+0.1	+0.9	+0.5	+1.1	0	94	90
7 Eng N W - Wales N	12.3	−11.0	0.0	+0.7	+0.3	+1.1	0	88	97
8 Eng S W - Wales S	12.0	−12.7	−0.2	+0.4	+0.1	+0.7	+1	117	84
N Ireland	10.9	−15.9	−0.3	−0.5	−0.4	−	−2	119	78
Scotland	11.1	−12.2	+0.2	+1.0	+0.6	−	+1	95	83
Eng - Wales	11.2	−17.7	−0.2	+0.6	+0.2	−	+3	112	83

† Highest max. and lowest min. of the District Value Stations



# RAINFALL JANUARY 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





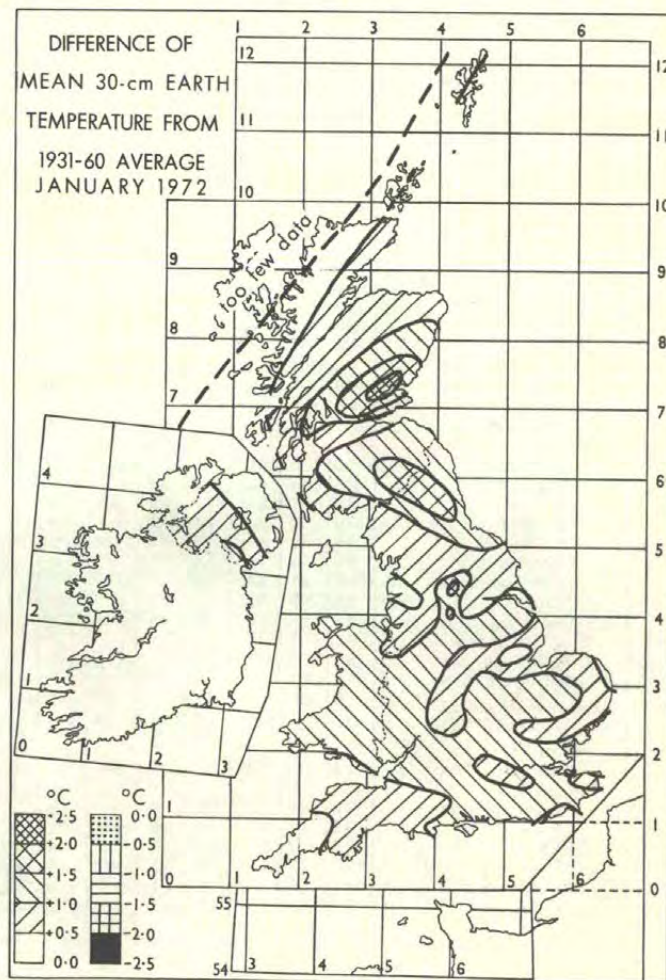
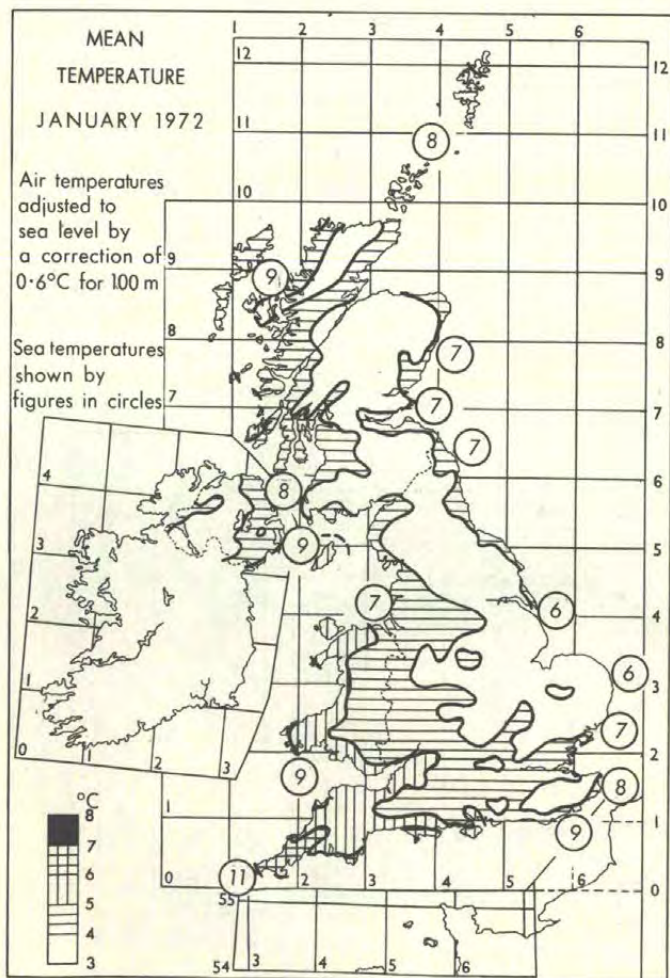
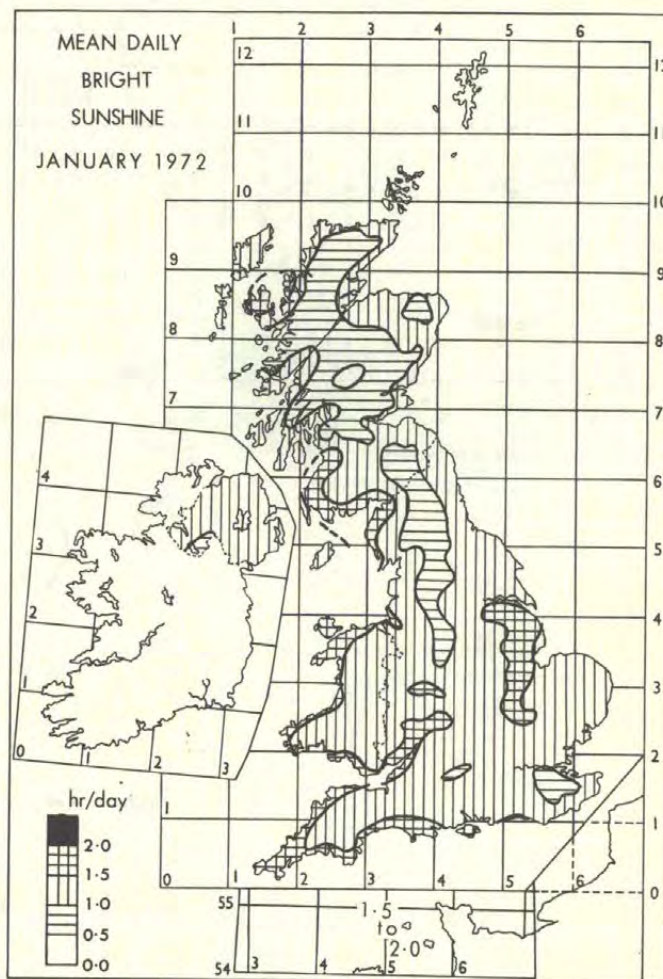
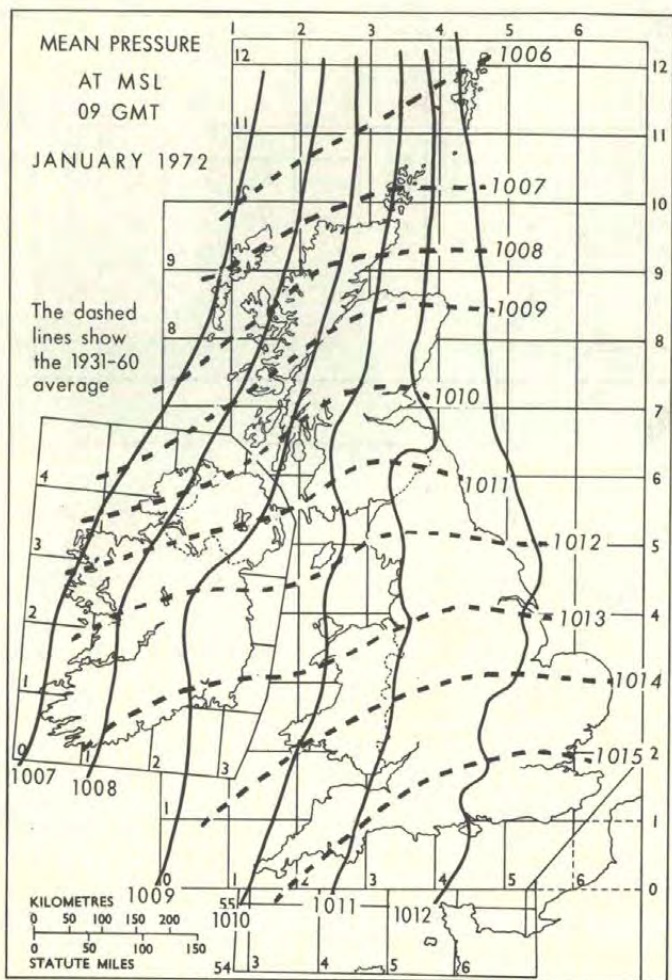




Table 2 Solar radiation and illumination

January 1972

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 .. .. .	62	25	1	14,15	18.0	31	34	28	1	14,15	15.0	31	76	25	1	10	22.8	31
Eskdalemuir .. .	156	31	2	17	46.6	31	76	31	2	17	33.9	31	136	31	4	17	51.6	31
Cardington .. .	148	25	10	1	63.0	31	88	30	9	1	39.5	31	—	—	—	—	—	—
London Weather Centre	135	25	10	1	49.6	31	72	23	8	1	35.8	31	163	21	15	1	65.0	31
Kew .. .	152	25	10	1	61.8	31	80	30	12	1	45.8	31	185	25	14	1	79.3	31
Easthampstead .. .	161	24	9	1	58.9	31	—	—	—	—	—	—	202	12	14	1	74.6	31
Aberporth .. .	163	30	14	11	64.5	31	75	31	14	11	45.7	31	—	—	—	—	—	—
Aldergrove .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport .. .	178	21	18	16	73.4	31	95	27	18	16	51.8	31	186	21	22	11	80.9	31

Table 3 Summary of daily observations

January 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
O SCOTLAND N																																
Zetland																																
Hamnavoe .. .	99	21	5.9	2.7	4.3	—	9.3	23	-3.1	31	—	—	124	—	20	18	28	20	8	2	4	2	0	0	4	—	—	14	0.38	—	—	—
Lerwick .. .	21-9	82	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
psychrometer screen .. .	—	—	4.8	2.8	3.8	—	8.2	23	-2.0	30	—	—	82	64	20	18	24	16	6	2	1	6	—	—	4	10	9	9	0.48	60	—	—
Baltasound .. .	99	24	5.4	1.9	3.7	—	8.1	22	-2.7	31	4.7	—	65	52	14	18	23	17	8	0	0	0	0	0	5	—	—	10	0.52	—	—	—
Orkney																																
Sule Skerry .. .	21-9	13	7.1	3.6	5.3	—	9.8	23	-1.6	31	—	—	87	—	12	20	25	17	4	0	0	0	0	0	2	5	1	9	—	—	—	—
Stenness .. .	99	23	5.8	2.4	4.1	—	9.0	11	-3.5	31	4.5	6.2	88	82	13	18	28	24	4	2	0	1	0	4	15	—	6	0.80	—	—	—	—
Kirkwall .. .	21-9	26	5.4	2.9	4.1	+0.3	8.6	11	-3.0	30,31	—	—	87	80	11	18	25	22	9	2	6	1	1	0	4	8	8	7	0.85	77	—	—
Caithness																																
Dounreay .. .	99	21	6.0	0.9	3.5	—	9.0	12,24,25	-9.5	31	—	—	68	70	11	11	23	18	5	3	0	0	0	4	9	16	—	8	1.36	—	—	—
Wick .. .	21-9	36	5.9	2.8	4.3	+0.9	9.3	23	-3.4	30	—	—	63	85	13	11	25	16	4	2	0	2	0	1	7	11	9	1	1.07	75	—	—
John O Groats .. .	99	30	6.0	2.5	4.3	—	8.7	11,23	-2.7	31	4.7	—	53	—	11	11	26	19	6	2	0	0	0	1	8	8	—	4	1.09	—	—	—
Sutherland																																
Cape Wrath .. .	21-9	112	5.9	2.9	4.4	-0.2	9.7	11	-4.0	31	—	—	45	35	9	19	12	9	8	0	0	3	2	0	3	5	5	3	1.40	—	S	—
Lairg .. .	—	—	4.9	0.4	2.7	—	9.0	23	-10.2	31	3.1	5.2	62	—	11	11	21	18	10	7	2	0	0	2	11	20	—	0	—	—	—	—
Strathay .. .	99	37	5.2	0.5	2.9	+0.2	9.2	11	-11.2	31	—	—	77	68	13	29	26	16	11	3	2	0	0	1	9	—	0	0.85	87	S	—	—
Ross & Cromarty																																
Stornoway .. .	21-9	3	6.7	2.8	4.7	+0.4	9.4	10	-2.9	30	—	—	73	68	13	11	18	16	5	0	0	7	2	0	7	15	13	4	1.16	103	—	—
Balmacara .. .	99	4	7.6	2.2	4.9	—	(10.0)	10	-5.0	31	—	—	89	—	19	11	14	13	2	1	0	2	0	0	7	—	—	0	—	—	—	—
Poolwe .. .	99	6	6.7	2.3	4.5	—	10.3	22	-5.2	31	—	—	85	54	21	23	16	13	2	1	3	0	2	0	7	15	—	0	1.63	—	S	—
Rudh Re .. .	21-9	16	6.6	3.2	4.9	—	9.5	10	-5.5	31	—	—	82	—	14	12	18	15	4	1	0	3	2	0	3	5	5	2	—	—	—	—
Inverpoll .. .	99	14	6.6	2.2	4.4	—	11.4	22	-5.0	31	5.1	—	95	68	(24)	23	14	11	6	3	0	2	0	—	4	16	—	4	1.04	—	S	—
Kinlochewe .. .	99	23	6.2	0.6	3.4	0.0	10.3	22	-9.9	31	4.4	—	115	54	30	23	18	13	—	3	—	—	—	0	11	19	—	—	1.02	—	S	—
Knockanrock .. .	99	244	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Strathconon .. .	99	107	5.4	-0.1	2.7	—	10.5	22	-12.0	31	—	—	83	—	17	23	20	16	7	5	0	1	0	—	14	27	—	0	—	—	—	—
Fortrose .. .	99	5	6.5	2.0	4.3	+0.6	10.5	11	-6.5	31	—	—	14	24	5	23	10	5	2	2	0	0	0	1	3	—	0	1.40	90	—	—	—
Tarbatness .. .	21-9	18	5.9	2.8	4.3	+0.9	10.5	12	-4.5	31	—	—	16	33	3	18	16	6	4	2	0	0	0	0	4	—	3	—	—	—	—	—
Inverness																																
Benbecula .. .	21-9	6	6.7	2.7	4.7	0.0	10.3	22	-5.3	30	—	—	90	75	12	10	22	18	5	1	2	4	1	0	8	14	12	4	1.20	—	—	—
Isle of Rhum .. .	99	5	6.5	2.0	4.3	—	(10.9)	22	-3.9	31	4.4	7.0	185	67	28	18	19	17	5	0	0	2	3	0	12	18	—	4	0.83	—	—	—
Prabost .. .	99	67	5.6	0.6	3.1	—	8.7	10	-8.2	31	—	—	103	50	14	11	20	15	7	6	0	5	2	0	14	21	—	1	1.65	—	—	—
Duntulm .. .	99	90	6.3	2.1	4.2	-0.2	9.4	10	-5.6	31	—	—	84	56	14	11	14	14	4	1	2	1	0	3	19	—	2	1.58	145	S	—	
Onich .. .	99	15	(6.5)	1.5	(4.0)	(+0.4)	10.0	10,22,23	-5.5	31	—	—	184	74	25	11	20	17	—	1	—	—	—	1	10	19	—	—	1.17	121	S	—
Corpach .. .	99	8	6.4	2.1	4.3	—	10.0	10,22	-5.5	31	—	—	176	—	37	23	19	15	3	1	0	1	0	0	7	18	—	0	—	—	—	—
Fort Augustus .. .	99	21	6.7	0.1	3.4	+0.8	11.1	11,23	-8.3	31	—	—	67	—	19	23	19	14	—	1	—	—	—	1	16	—	—	—	0.81	—	S	—
Lagganlia .. .	99	250	4.2	1.3	1.5	—	8.5	11	-13.7	31	—	—	95	—	27	16	22	15	13	6	0	1	0	3	17	22	—	3	—	—	—	—
Inverness .. .	99	4	6.0	1.6	3.8	—	10.5	11	-7.2	31	—	—	19	31	7	23	11	6	3	0	0	0	0	1	5	20	—	0	1.01	—	—	—
Coire Cas Shieling .. .	99	762	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cairngorm .. .	99	1090	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Glenmore Lodge .. .	99	341	4.6	-0.4	2.1	-1.4	8.4	11,23	-8.2	31	—	—	182	164	37	16	19	15	—	6	—	—	—	1	15	30	22	—	0.80	—	S	—
Moy .. .	99	305	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 SCOTLAND E																																
Nairn																																
Nairn .. .	99	6	5.8	1.0	3.4	+0.3	11.0	11	-9.4	31	—	—	15	30	4	23	11	7	4	2	0	3	0	0	9	16	—	2	1.29	81	—	—
Moray																																
Grantown-on-Spey .. .	99	229	4.3	-0.5	1.9	—	8.9	11,23	-11.6	31	—	—	56	—	25	16	21	8	10	2	0	0	0	1	16	26	—	0	1.13	—	—	—
Forres .. .	99	50	5.7	1.5	3.6	+0.7	10.2	11	(-8.0)	31	3.1	4.8	32	67	9	16	17	7	3	2	0	0	0	0	6	15	—	3	1.49	86	—	—
Kinloss .. .	21-9	5	5.8	1.3	3.5	+0.4	10.9	11,23	-11.6	31	4.4	—	19	42	5	28	14	8	3	2	0	1	0	0	9	19	15	2	1.23	—	—	—
Elgin .. .	99	15	6.1	1.3	3.7	—	12.3	23	-8.0	31	—	—	17	35	3	16	14	8	—	2	—	—	—	0	7	16	—	—	1.35	—	S	—
Lossiemouth .. .	99	6	5.9	0.9	3.4	+0.6	11.3	23	-11.7	31	—	—	14	29	3	27	16	5	3	2	1	0	0	0	8	22	17	3	—	—	—	—
Gordon Castle .. .	99	32	5.8	1.4	3.6	+0.5	11.0	23	-9.1	31	—	—	33	55	5	15	19	10	1	2	0	0	0	—	7	—	—	0	1.20	83	—	—



Table 3 Summary of daily observations

January 1972

District, county and place		terminal h (GMT) of observation		air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.																								
max.	min.	(a)	(b)			max.	date	min.	date	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	most in a day amount (mm)	date	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
1 SCOTLAND E — continued																																
Banff																																
		21-9	215	3.9	0.7	2.3	—	8.9	23	-11.2	31	—	—	55	—	16	16	26	16	12	4	0	0	2	12	25	24	0	1.09	—	S	
		99	24	5.5	2.3	3.9	—	10.2	23	(-5.0)	31	—	—	50	—	7	11	23	15	—	2	—	—	1	3	—	—	—	0.85	—	S	
Aberdeen																																
		99	339	3.3	-1.2	1.1	+0.5	7.6	11	-13.5	31	—	—	185	177	31	16	26	20	—	7	—	—	—	19	23	—	—	0.62	—	S	
		99	283	3.5	-0.4	1.5	+0.9	8.0	11,23	-11.0	31	—	—	201	228	26	16	23	21	8	7	0	0	0	15	21	—	—	—	—	—	
		99	177	4.4	0.3	2.3	—	9.0	23	-10.0	31	—	—	127	—	15	11	26	21	—	6	—	—	—	12	20	—	—	1.18	—	—	
		99	160	4.3	0.7	2.5	—	9.4	23	-5.0	31	—	—	93	—	13	11	26	20	—	—	—	—	10	21	—	—	—	—	—	—	
		99	54	5.0	0.7	2.9	—	10.1	23	-8.7	31	—	—	103	—	18	11	27	20	8	2	0	0	0	10	18	—	—	1.17	—	—	
		99	66	5.2	0.6	2.9	—	10.0	23	-6.0	31	—	—	96	120	15	11	28	17	3	2	0	0	0	11	19	—	—	0.95	—	S	
		99	91	4.7	1.2	2.9	+0.4	7.8	23	-7.0	31	3.8	5.0	135	176	22	11	26	20	5	6	3	0	0	3	10	14	—	—	1.06	59	—
		21-9	58	5.2	1.8	3.5	+1.1	9.4	23	-8.8	31	—	—	135	168	23	11	26	20	5	2	0	5	0	1	9	14	10	5	1.13	—	—
		99	52	5.6	1.9	3.7	+1.1	8.8	23	-6.0	31	—	—	113	157	17	11	25	20	3	2	0	1	0	0	8	13	—	—	1.08	66	S
		21-9	18	5.9	3.3	4.6	—	9.6	23	-3.1	20,30	—	—	86	—	15	11	22	17	5	2	0	2	0	0	5	7	3	1.16	—	—	—
Kincardine																																
		99	171	4.1	0.7	2.4	+0.7	8.6	23	-6.3	31	—	—	166	191	22	11	27	26	8	7	1	4	0	5	9	12	—	—	0.87	—	S
		99	77	5.0	1.3	3.1	—	9.5	23	-6.9	31	—	—	188	—	24	11	27	23	12	7	0	6	0	0	9	11	—	—	—	—	—
		99	4	6.0	2.6	4.3	+1.1	(8.8)	22,23	-6.0	31	—	—	103	157	19	18	24	21	3	0	0	0	0	6	—	—	—	0	1.11	66	—
Angus																																
		99	30	5.6	1.2	3.4	—	10.6	23	-10.5	31	4.5	6.5	108	158	17	17	28	21	5	6	0	0	0	1	9	16	—	—	0.99	—	—
		99	45	5.7	2.2	3.9	+1.3	10.1	23	-6.9	31	3.8	—	113	157	15	8	27	23	4	4	0	1	0	0	7	—	—	—	1.10	—	—
		99	61	4.9	0.2	2.5	—	10.0	23	-6.1	25,26	—	—	178	205	27	17	27	22	5	7	0	2	0	1	12	23	—	—	—	—	—
		99	258	4.5	0.3	2.4	—	(8.2)	23	-9.8	31	—	—	312	289	45	11	29	25	5	9	0	1	0	1	8	12	—	—	—	—	S
		99	5	5.7	2.2	3.9	+1.2	10.0	23	-7.6	31	—	—	87	136	12	8	26	22	4	—	0	1	0	1	6	—	—	—	—	—	—
		99	9	6.4	1.9	4.1	—	10.2	23	(-7.2)	31	—	—	90	134	14	17	26	21	—	2	—	—	—	0	7	—	—	—	1.08	—	—
		99	28	5.9	2.4	4.1	+1.1	9.0	22,23	-4.8	31	—	—	60	104	7	11	28	19	2	1	0	0	0	6	18	—	—	1.15	64	—	—
		21-9	30	5.7	3.1	4.4	—	9.5	23	-5.4	31	—	—	77	—	10	11	21	18	5	1	0	2	0	0	5	6	6	7	1.13	—	—
		99	57	5.7	1.9	3.8	—	9.4	23	-5.5	31	—	—	92	146	14	11	25	22	7	2	0	2	0	0	8	15	—	—	—	—	—
Perth																																
		99	27	5.7	0.5	3.1	—	10.5	23	-10.5	31	—	—	178	—	34	18	25	22	5	—	0	1	0	—	12	16	—	—	—	—	—
		99	232	4.1	-0.9	1.6	—	9.1	11	-11.9	31	—	—	186	—	35	16	25	22	14	9	0	0	0	0	15	21	—	—	—	—	—
		99	107	5.5	0.5	3.0	—	9.0	11,22	-8.0	31	—	—	177	—	22	23	22	22	6	6	0	1	0	0	10	19	—	—	—	—	—
		99	130	4.8	1.3	3.1	—	9.5	11	-6.8	31	—	—	250	150	30	12	26	23	7	7	0	0	0	0	5	17	—	—	0.38	—	—
		—	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
		99	113	4.9	0.4	2.7	—	9.7	11	-10.0	31	3.9	—	129	—	26	17	26	20	7	7	0	0	0	—	13	22	—	—	0.79	—	S
		99	152	5.2	0.2	2.7	—	9.6	10	-11.0	31	—	—	136	107	23	18	27	23	5	—	0	1	0	1	14	18	—	—	0.85	—	—
		99	144	4.5	0.1	2.3	—	9.0	11	-10.6	31	—	—	146	149	23	17	26	20	5	7	0	2	0	0	13	22	—	—	0.55	—	—
		99	94	5.0	0.2	2.6	—	9.0	23	-9.5	31	3.1	5.3	149	145	33	17	27	17	9	0	0	0	0	0	15	21	—	—	—	—	—
		99	341	3.0	-0.6	1.2	—	7.0	12	-8.4	31	—	—	227	—	29	16	26	24	5	16	0	1	6	13	19	—	—	—	—	—	—
		99	41	5.5	1.4	3.5	—	10.5	23	-10.6	31	—	—	97	—	19	18	26	17	7	6	0	2	0	0	10	22	—	—	—	—	—
		99	23	6.0	0.9	3.5	+1.1	11.5	22	-11.5	31	—	—	82	106	14	17	26	16	4	0	0	0	0	13	9	12	—	—	0.73	55	—
		99	70	—	—	—	—	—	—	—	—	—	—	130	166	37	17	27	22	—	—	—	—	—	—	—	—	—	—	0.63	—	S
Kinross																																
		99	113	5.2	0.8	3.0	—	9.7	23	-11.2	31	4.0	—	86	—	16	8	27	18	—	6	—	—	—	11	19	—	—	0.79	—	—	—
Fife																																
		99	40	5.9	2.4	4.1	—	11.2	11	-10.1	31	—	—	57	83	9	18	23	12	9	3	0	1	0	1	6	14	14	—	—	—	—
		99	32	6.1	1.7	3.9	+0.9	11.0	23	-9.0	31	—	—	73	109	11	1	22	15	5	2	0	1	0	0	8	16	—	—	1.18	—	—
		99	117	5.1	1.4	3.3	—	10.0	23	-8.2	31	—	—	89	—	16	18	22	16	—	—	—	—	—	9	17	—	—	—	—	—	—
		99	25	5.7	1.4	3.5	—	11.1	23	-11.1	31	4.3	—	119	161	29	17	25	19	6	6	0	1	0	0	9	15	—	—	1.06	—	—
		21-9	10	5.6	2.3	3.9	+0.9	11.1	23	-14.5	31	—	—	103	163	12	8:17	27	19	9	6	0	4	0	0	8	14	11	0	1.10	60	—
		99	18	5.8	1.6	3.7	—	(10.5)	23	-7.6	31	4.7	6.4	95	—	18	8	25	19	6	6	0	1	0	0	8	15	—	—	1.11	63	—
West Lothian																																



District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	most in a day	precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
				max. (a)	min. (b)			max.	date	min.	date																								
1 SCOTLAND E—continued																																			
Roxburgh																																			
Wauchope .. .. .	99	155	4.6	0.6	2.6	—	9.8	11	−9.0	31	—	—	104	115	15	12	23	20	8	3	1	0	0	0	4	11	—	—	1	—	—	—	—	—	—
Kelso .. .. .	99	34	5.7	1.5	3.6	—	11.1	11	−10.5	31	—	—	55	—	6	1	24	17	5	2	0	0	0	1	10	17	—	0	0.89	—	—	—	—	S	
Sourhope .. .. .	99	221	4.3	−0.4	1.9	+0.2	8.7	23	−13.4	31	—	—	162	—	17	26	27	24	8	3	1	0	0	0	14	20	—	0	1.21	—	—	—	—	—	
(see Introduction)																																			
6a SCOTLAND W																																			
Argyll																																			
Tiree .. .. .	21-9	9	6.8	3.3	5.1	−0.2	9.6	21	−2.0	31	—	—	100	83	20	10	20	18	5	1	2	6	1	0	5	11	12	7	1.16	90	—	—	—	—	
Port Ellen .. .. .	99	18	6.7	2.5	4.6	—	10.0	23	−5.0	31	—	—	125	—	15	11	23	20	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	
Rhuvaal .. .. .	21-9	20	6.9	3.7	5.3	—	10.0	22	−3.0	31	—	—	152	94	23	10	22	19	3	0	0	4	2	0	2	4	4	8	—	—	—	—	—	—	
Colonsay .. .. .	99	30	6.7	3.2	4.9	+0.3	10.5	10	−3.0	31	—	—	135	92	(20)	10	22	20	2	—	0	4	1	2	2	—	—	—	—	—	—	—	—	—	
Aros .. .. .	99	37	6.5	1.0	3.7	—	10.0	22	−6.9	31	—	—	185	—	30	10	22	20	7	1	0	4	0	0	13	18	—	0	—	—	—	—	—	—	
Machrihanish .. .. .	21-9	10	6.6	3.2	4.9	—	10.9	23	−3.9	31	—	—	150	132	27	11	21	19	6	0	0	4	0	0	6	8	8	5	1.22	—	—	—	—	—	
Campbeltown .. .. .	99	12	6.7	2.9	4.8	—	9.0	9,10,12	−3.0	31	—	—	169	—	35	18	19	18	—	—	—	—	—	1	4	—	—	—	—	1.41	—	—	—	—	
Polloche .. .. .	99	15	6.5	−0.7	2.9	—	10.0	22	−9.0	31	—	—	208	—	33	11	21	20	8	0	0	1	0	—	16	19	—	0	—	—	—	—	—	—	
Knapdale Forest .. .. .	99	40	5.8	1.5	3.7	—	10.0	23	−6.5	31	—	—	200	—	37	10	24	19	—	—	—	—	—	0	7	23	—	—	—	—	—	—	—	—	
Dunstaffnage .. .. .	99	3	6.5	2.7	4.6	—	9.7	23	−4.7	31	—	—	177	—	28	11	21	16	3	1	0	2	1	0	5	—	—	0	—	—	—	—	—	—	
Glenbranter .. .. .	99	24	6.1	1.3	3.7	—	10.7	2	−7.8	31	—	—	278	—	51	18	24	23	6	1	0	1	0	0	9	20	—	0	—	—	—	—	—	—	
Glen Etive .. .. .	99	24	6.2	1.7	3.9	—	11.6	22	−5.5	31	—	—	271	—	41	18	23	19	5	2	0	0	0	—	8	13	—	0	—	—	—	—	—	—	
Benmore Younger .. .. .																																			
Botanic Gardens .. .. .	99	12	5.9	1.8	3.9	—	9.9	11	−6.5	31	—	—	294	102	42	11	24	22	8	1	1	3	1	0	6	20	—	0	—	—	—	—	—	—	
Bute																																			
Kildonan .. .. .	21-9	18	6.7	3.9	5.3	—	9.2	(11),23	−3.2	31	—	—	115	—	31	18	22	17	0	0	0	0	0	0	2	5	3	10	1.33	—	—	—	—	—	
Broddick Castle .. .. .	99	15	6.5	3.0	4.7	—	9.9	22	−3.5	31	5.2	—	205	113	52	18	20	18	3	0	0	3	0	0	3	10	—	0	—	—	—	—	—	—	
Rothsay .. .. .	99	43	6.1	2.2	4.1	0.0	10.0	23	−5.0	31	4.7	6.3	147	97	30	18	21	19	3	1	0	1	0	0	4	13	—	0	1.07	79	S	—	—	—	
Dunbarton																																			
Finnart .. .. .	99	15	6.2	2.6	4.4	—	10.8	11	−5.0	31	—	—	267	—	43	18	22	22	7	2	0	0	1	0	3	—	—	0	—	—	—	—	—	—	
Helensburgh .. .. .	99	89	5.3	1.1	3.2	+0.4	9.5	11	−6.0	31	—	—	156	93	22	18	25	21	4	3	0	0	0	0	7	—	—	0	1.02	91	—	—	—	—	
Sloy .. .. .	21-9	12	5.8	2.5	4.1	—	10.6	11	−6.8	31	—	—	326	—	47	18	25	22	10	—	0	0	0	0	6	—	—	0	—	—	—	—	—	—	
Arrochymore .. .. .	99	37	6.0	1.9	3.9	—	10.1	11	−8.0	31	—	—	173	—	37	18	25	20	6	4	0	0	1	1	4	17	—	0	1.10	—	—	—	—	—	
Cumbernauld .. .. .	99	94	4.8	−0.8	2.0	—	(9.6)	11	−10.5	31	—	—	94	—	15	18	21	20	8	4	0	0	0	0	1	17	21	—	0	—	—	—	—	—	
Stirling																																			
Earls Hill .. .. .	21-9	335	2.7	0.1	1.4	—	7.4	11	−8.9	31	—	—	147	—	23	17	26	21	10	—	0	0	0	6	15	21	19	2	0.72	—	—	—	—	—	
Stirling Batterflats .. .. .	99	38	5.9	1.3	3.6	—	9.9	23	−7.4	31	4.3	5.8	120	—	21	18	23	17	9	7	0	2	0	0	9	21	—	0	0.85	—	—	—	—	—	
Parkhead .. .. .	99	107	5.7	0.9	3.3	—	10.0	23	−8.5	31	4.1	—	103	—	22	18	24	20	6	1	0	0	0	1	10	—	—	0	—	—	—	—	—	—	
Falkirk Sewage Works .. .. .	99	3	6.4	1.8	4.1	—	10.7	11	−9.2	31	—	—	68	—	11	18	24	16	3	2	0	0	0	0	6	—	—	0	0.98	—	—	—	—	—	
Grangemouth .. .. .	99	4	6.3	2.0	4.1	—	11.0	23	−9.5	31	—	—	59	—	(10)	18	22	15	—	4	—	—	—	1	4	10	—	—	—	—	—	—	—	—	
Renfrew																																			
Greenock .. .. .	99	61	5.5	2.2	3.9	+0.1	9.9	11	−6.0	31	—	—	203	102	28	18	24	22	10	2	2	1	2	0	3	7	—	1	0.83	97	S	—	—	—	
Paisley .. .. .	99	32	6.1	2.3	4.2	+0.7	10.4	11	−5.4	31	4.1	6.7	106	80	21	18	24	14	4	2	0	0	0	0	5	16	—	0	0.81	80	—	—	—	—	
Barrhead .. .. .	99	30	6.0	1.4	3.7	—	10.7	11	−6.3	31	—	—	113	84	25	18	24	15	6	2	0	2	0	0	7	18	—	0	—	—	—	—	—	—	
Abbotsinch .. .. .	21-9	5	6.1	2.2	4.1	+1.0	11.1	11	−7.2	31	—	—	91	77	19	18	23	14	9	3	2	1	0	0	8	14	14	0	0.97	87	—	—	—	—	
Lanark																																			
Crossmyloof .. .. .	99	23	6.6	2.0	4.3	—	11.0	23	−6.0	31	—	—	76	—	13	18	25	13	5	1	0	0	0	0	5	—	—	0	0.58	—	—	—	—	—	
East Kilbride .. .. .	99	178	4.8	1.0	2.9	—	9.9	11	−10.9	31	—	—	104	—	27	18	24	20	—	5	—	—	—	—	8	15	—	—	1.05	—	—	—	—	—	
Glasgow, Springburn .. .. .	99	107	5.0	1.4	3.2	+0.9	9.4	11	−6.8	31	—	—	91	85	17	18	23	16	6	4	0	1	0	0	7	17	—	0	0.86	87	—	—	—	—	
Coatbridge .. .. .	99	78	5.6	1.5	3.5	+0.9	10.0	23	(−6.0)	31	—	—	58	61	15	18	21	12	4	4	0	0	0	0	8	—	—	0	—	—	—	—	—	—	
Leedhills .. .. .	99	387	3.2	0.0	1.6	+0.4	7.9	11	−13.8	31	—	—	193	98	31	12	27	22	14	7	0	1	0	0	11	16	—	0	—	—	—	—	—	—	
Crawfordjohn .. .. .	99	274	4.0	−0.2	1.9	—	9.0	11	−13.5	31	3.8	—	133	—	22	12	25	18	10	8	1	0	0	2	12	16	14	6	1.27	—	—	—	—	—	
Lanark .. .. .	99	152	5.2	0.6	2.9	—	10.0	11	−11.4	31	—	—	—	—	—	—	—	—	6	3	0	6	0	1	12	—	—	0	1.05	—	S	—	—	—	
Carnwath .. .. .	99	208	4.5	−0.4	2.1	+0.8	9.4	11	−14.6	31	3.9	—	61	64	13	18	24	18	9	5	1	3	1	1	15	19	—	5	—	—	—	—	—		
Camps Reservoir .. .. .	99	295	3.8	−0.2	1.8	—	9.2	11	−14.3	31	—	—	151	100	25	12	26	21	11	8	0	0	0	1	13	—	—	1	—	—	—	—	—	—	
Ayr																																			
Girvan .. .. .	99	8	6.5	2.8	4.7	—	10.5	23	−6.4	31	—	—	124	—	35	1																			



Table 3 Summary of daily observations

January

1972

District, county and place	max. min. terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	date	precip- itation	snow or sleet or more	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date																						
6b ISLE OF MAN																																
Isle of Man																																
Ronaldsway .. .. .	21-9	16	7.1	4.1	5.6	—	10.7	11	-5.0	31	—	—	103	106	18	18	21	17	3	2	0	6	0	1	3	8	8	0	1.34	—	—	
Douglas .. .. .	99	87	6.4	3.3	4.9	+0.2	9.7	23	-3.5	31	—	—	135	106	28	18	21	17	3	3	1	0	0	0	2	7	—	8	1.40	76	—	
Point of Ayre .. .. .	21-9	9	6.6	4.2	5.4	—	10.8	23	-2.5	31	—	—	110	126	21	18	19	17	1	1	0	0	0	0	3	—	—	8	1.30	—	—	
2 ENGLAND NE																																
Northumberland																																
Kielder Castle .. .. .	99	201	4.1	-0.3	1.9	—	9.5	11	-13.5	31	4.4	—	135	99	18	18	22	18	—	—	—	—	—	—	14	21	—	—	—	—	—	
Haydon Bridge .. .. .	99	79	5.7	1.5	3.6	—	11.0	11	-11.1	31	4.0	5.7	83	—	21	26	26	16	5	3	0	—	—	—	—	—	—	—	—	—	—	
Corbridge .. .. .	99	49	5.9	0.9	3.4	—	10.8	22,23	-12.5	31	—	—	87	—	25	26	23	20	5	3	0	0	0	0	1	10	17	—	—	—	—	
Berwick-on-Tweed .. .. .	99	23	5.9	2.1	4.0	+0.6	10.4	23	-10.2	31	—	—	70	135	11	26	26	20	5	1	0	0	0	0	9	10	—	—	1.28	73	—	
Acklington .. .. .	21-9	42	5.2	1.9	3.5	+0.5	10.6	23	-10.3	31	—	—	101	161	20	26	26	20	6	4	0	4	0	0	9	13	13	0	1.27	—	—	
Tynemouth .. .. .	21-9	29	5.6	2.9	4.3	+0.3	10.0	11,12,23	-7.4	31	—	—	94	159	25	26	25	20	6	2	4	0	1	0	6	8	—	7	1.07	77	—	
Seahouses .. .. .	21-9	11	5.9	2.9	4.4	—	11.0	23	-9.0	31	—	—	103	—	14	12	26	19	4	3	1	0	0	1	7	12	10	2	1.25	—	—	
Durham																																
Chopwellwood .. .. .	99	136	5.1	1.0	3.1	+0.5	10.5	22	-9.0	31	—	—	114	172	22	26	25	22	5	4	0	0	0	2	8	14	—	—	—	—	—	
Durham .. .. .	99	102	5.1	1.2	3.1	+0.3	9.6	23	-8.5	31	4.6	6.6	116	197	24	26	24	18	—	4	—	—	—	3	10	18	—	—	1.07	64	—	
Hartburn Grange .. .. .	99	31	5.7	1.1	3.4	—	10.3	11	-11.2	31	—	—	77	—	21	26	22	16	6	3	0	2	0	1	11	13	—	—	1.13	—	—	
Hartlepool .. .. .	99	9	6.3	2.6	4.5	—	10.6	11	-5.5	31	—	—	92	167	30	26	24	14	3	3	0	3	1	3	6	—	—	—	1.03	—	—	
Yorkshire N Riding																																
Leeming .. .. .	21-9	32	5.4	1.8	3.6	—	10.2	23	-14.1	31	—	—	89	150	16	26	24	15	7	3	1	1	1	3	9	9	8	0	1.30	—	—	
Marton .. .. .	99	46	5.6	1.6	3.6	—	9.9	11	-9.3	31	4.5	6.5	75	—	22	26	22	15	6	4	0	2	0	—	11	12	—	—	1.20	—	—	
York (Heslington) .. .. .	99	20	5.7	1.2	3.5	—	10.0	11	-9.4	31	4.0	5.6	61	—	14	26	20	15	4	3	0	0	0	3	8	14	—	—	1.22	—	—	
Pickering .. .. .	99	44	5.3	0.4	2.9	—	9.4	11	-11.8	31	—	—	85	—	27	26	22	17	7	3	0	3	0	1	11	15	—	—	—	—	—	
Scarborough .. .. .	99	53	5.7	1.9	3.8	—	9.1	23	-5.7	31	4.3	6.3	78	—	30	26	21	17	5	3	0	1	0	1	7	10	11	2	1.25	88	—	
Silpho Moor .. .. .	99	203	4.2	0.7	2.5	—	8.0	23	-6.6	31	3.7	—	136	161	45	26	27	19	3	3	0	1	0	6	12	14	—	—	1.18	—	—	
Whitby Coastguard .. .. .	21-9	60	—	2.2	—	—	—	—	-7.1	31	—	—	51	—	7	26	20	14	2	2	0	2	0	1	7	7	8	—	—	—	—	—
Yorkshire E Riding																																
High Mowthorpe .. .. .	99	175	(4.4)	0.4	(2.4)	—	8.4	11	-10.2	31	3.7	—	86	110	13	26	23	17	—	3	—	—	—	4	14	15	—	—	1.28	—	—	
Hull .. .. .	99	2	6.3	1.3	3.8	+0.1	10.0	23	-10.0	31	4.9	7.7	68	113	17	26	24	15	6	3	0	0	0	1	9	11	—	—	1.25	100	—	
Filey .. .. .	99	37	5.8	1.3	3.5	—	9.0	23	-7.4	31	—	—	78	119	27	26	22	17	2	3	0	3	0	1	10	14	—	—	1.32	—	—	
Bridlington .. .. .	99	48	5.6	1.5	3.5	+0.3	8.8	23	-7.5	31	—	—	85	125	25	26	25	16	5	1	0	2	0	3	10	10	—	—	1.44	86	—	
Kilnsea .. .. .	21-9	12	5.6	2.6	4.1	—	8.5	23	-7.4	31	—	—	68	—	29	26	18	10	7	2	0	3	0	1	5	—	—	—	1.42	—	—	
Lincoln																																
Waddington .. .. .	21-9	68	4.9	1.7	3.3	+0.3	9.5	23,26	-9.6	31	—	—	49	—	11	26	23	14	8	3	0	3	0	6	8	11	10	0	1.65	99	—	
Lincoln .. .. .	99	7	5.9	1.2	3.5	+0.2	10.0	23,26	-14.0	31	4.9	6.2	54	105	11	26	23	15	3	3	0	0	0	4	9	13	—	—	1.35	—	S	
Cranwell .. .. .	99	62	5.3	0.9	3.1	+0.1	9.5	23	-10.8	31	4.1	5.6	53	99	13	26	19	14	4	3	0	2	0	6	8	12	11	0	1.54	87	—	
Brigg .. .. .	99	3	5.7	1.1	3.4	—	9.8	11	-13.8	31	—	—	68	—	17	26	26	16	4	3	0	0	0	2	10	15	—	—	—	—	—	
Binbrook .. .. .	21-9	108	4.5	1.4	2.9	—	8.9	11	-11.4	31	—	—	79	—	20	26	25	16	12	2	0	9	0	5	9	14	12	2	1.60	—	—	
Cleethorpes .. .. .	99	7	(6.2)	1.4	(3.8)	(+0.3)	(10.1)	(23)	-9.3	31	—	—	68	122	22	26	22	11	—	3	—	—	—	0	8	15	—	—	1.51	96	—	
Manby .. .. .	21-9	17	5.3	1.8	3.5	—	9.5	22	-11.7	31	4.7	—	74	140	19	26	22	15	5	3	1	5	0	2	8	10	8	1	1.68	—	—	
Skegness .. .. .	99	5	—	—	—	—	9.0	26	—	—	—	—	57	107	23	26	14	10	2	—	0	0	0	1	8	8	—	—	1.35	78	—	
3 ENGLAND E																																
Norfolk																																
Terrington St Clement .. .. .	99	4	5.7	1.1	3.4	+0.3	9.4	11,23	-10.2	31	5.2	—	51	—	16	26	23	11	3	2	0	0	0	4	12	14	—	—	1.29	79	—	
Marham .. .. .	21-9	23	5.2	1.3	3.3	—	9.8	23	-9.1	31	—	—	57	—	20	26	20	10	4	2	0	2	0	2	13	12	1	—	—	—	—	
Santon Downham .. .. .	99	24	5.7	-0.8	2.5	—	10.7	23	-9.8	30	4.8	6.3	60	103	18	26	21	12	—	2	—	—	—	17	17							



Table 3 Summary of daily observations

January 1972

District, county and place	terminal $\Delta$ (GMT) of observation		height of station above MSL (metres)	air temperature in $^{\circ}\text{C}$								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
	max.	min.		means of		daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30cm ( $^{\circ}\text{C}$ )	100cm ( $^{\circ}\text{C}$ )	total fall (mm)	percentage of 1931-60 average	amount (mm)	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below $0^{\circ}\text{C}$	concrete min. below $0^{\circ}\text{C}$	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max.	min.			max.	date	min.	date																						
																																	(a)
3 ENGLAND E—continued																																	
Essex																																	
Little Parndon .. ..	99	54	5.9	1.0	3.5	—	10.5	26	-9.7	31	—	—	61	—	14	2	20	13	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Harlow .. ..	99	79	6.1	1.2	3.7	—	10.3	26	-8.5	31	—	7.2	71	—	11	2	17	15	5	2	0	0	0	5	12	—	—	—	0	1.32	—	S	
Stansted .. ..	21-9	101	5.1	1.3	3.2	+0.3	9.6	13/23/26	-8.6	31	—	—	75	130	12	26	20	17	8	0	0	4	0	6	11	14	9	0	—	—	—	—	
Writtle .. ..	99	32	7.0	2.2	4.6	—	10.4	26	-12.7	31	5.2	—	70	128	11	2	22	17	2	2	0	3	0	8	10	11	—	0	1.12	—	—		
Southend .. ..	99	2	6.4	1.9	4.1	—	10.6	23	-11.0	31	—	—	56	—	8	26	16	12	5	2	0	0	0	2	6	14	—	0	1.11	—	—		
Maldon .. ..	99	4	5.9	1.5	3.7	—	10.2	26	-11.7	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Earls Colne .. ..	99	49	5.8	1.2	3.5	—	9.8	26	-9.1	31	4.5	6.8	72	120	13	26	21	15	—	2	—	—	—	—	5	10	14	—	—	—	—		
Shoeburyness .. ..	21-9	2	5.8	2.5	4.1	+0.1	10.7	23	-11.0	31	—	—	52	111	9	26	21	13	8	2	1	2	0	3	5	10	9	1	1.21	70	—		
Clacton-on-Sea .. ..	99	16	5.5	1.9	3.7	0.0	8.1	23	-7.8	31	5.7	7.5	52	101	12	26	18	12	5	2	0	0	0	1	8	12	—	1	1.13	61	—		
Walton-on-Naze .. ..	21-9	5	5.7	2.5	4.1	—	9.1	26	-7.7	31	—	—	62	—	21	26	20	11	5	2	0	0	0	2	6	9	8	5	1.28	—	—		
Dovercourt .. ..	99	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
4 MIDLAND COUNTIES																																	
Yorkshire W Riding																																	
Slaidburn .. ..	99	192	4.6	0.8	2.7	—	9.7	11	-10.8	31	—	—	159	89	31	26	25	21	6	3	0	0	0	1	9	16	—	0	1.10	—	—		
Malham Tarn .. ..	99	395	3.1	-0.2	1.5	—	7.9	11	-9.6	31	4.0	—	151	83	27	26	26	25	12	11	0	1	0	8	13	16	—	0	—	—	—		
Huddersfield .. ..	99	99	—	(1.2)	—	—	—	—	-11.5	31	4.8	6.3	73	85	9	18	24	21	—	—	—	—	—	—	—	—	—	—	1.29	157	—		
Huddersfield Oakes .. ..	21-9	235	4.5	1.1	2.8	+0.1	9.8	23	-9.0	31	3.9	5.7	92	90	11	18	29	20	13	6	0	2	1	9	9	12	10	4	1.24	96	—		
Bradford .. ..	99	134	5.2	1.0	3.1	+0.2	9.9	11	-11.1	31	4.5	6.1	111	124	15	26	26	19	8	3	0	3	0	6	9	11	—	0	1.07	103	S		
Ilkley .. ..	99	96	—	—	—	—	10.5	23	-9.5	31	—	—	96	95	12	11	22	18	5	2	0	0	0	4	9	9	—	0	0.96	69	S		
Sheffield .. ..	99	131	5.7	—	—	—	9.7	11	—	—	4.5	6.6	93	121	10	7	24	18	7	4	0	0	0	—	—	—	—	12	0	1.25	107	S	
Pontefract .. ..	99	78	5.4	1.3	3.3	+0.2	10.0	11	-8.2	31	—	—	59	108	12	26	25	14	5	3	0	0	0	5	7	10	—	0	—	—	—		
Bramham .. ..	99	54	5.5	0.6	3.1	—	9.9	11	-10.0	31	—	—	77	154	20	26	22	15	5	2	0	1	0	1	9	14	—	0	1.03	—	—		
Cawood .. ..	99	6	5.8	1.2	3.5	—	10.0	11	-8.5	31	3.1	3.3	64	109	18	26	23	15	2	1	0	0	0	0	8	12	—	1	1.35	—	—		
Askham Bryan .. ..	99	34	5.8	0.8	3.3	—	9.5	22	-10.2	31	—	—	72	115	17	26	23	15	5	3	0	0	0	8	8	14	—	2	1.46	106	—		
Derby																																	
Buxton .. ..	99	307	4.5	0.1	2.3	+0.4	8.5	11	-12.4	31	—	5.4	141	101	20	18	25	23	10	7	0	1	0	12	12	19	—	0	0.63	93	S		
Mackworth .. ..	99	89	5.5	0.9	3.2	—	9.9	11	-12.1	31	—	—	73	—	9	18	19	18	—	—	—	—	—	—	—	—	—	—	—	—	—		
Ashover .. ..	99	186	4.8	0.8	2.8	—	9.5	22	-10.4	31	—	—	113	—	11	12	26	21	9	5	0	3	0	8	10	13	—	0	1.28	—	—		
Derby .. ..	99	48	6.2	1.8	4.0	—	10.7	11	-10.8	31	—	—	69	101	7	17	24	16	5	4	0	0	0	3	8	16	—	0	1.32	—	—		
Morley .. ..	99	107	5.7	(0.0)	(2.9)	—	10.0	11	-12.0	31	—	—	76	103	7	7	26	20	—	—	—	—	—	—	4	15	19	—	—	1.25	—	S	
Wingerworth .. ..	99	126	5.4	0.8	3.1	—	10.4	22	-14.0	31	4.8	—	101	—	11	12	26	20	8	5	0	1	0	7	10	19	15	0	1.23	—	—		
Nottingham																																	
Sutton Bonington .. ..	99	48	5.8	1.5	3.7	+0.6	10.3	11/23	-10.9	31	5.0	6.4	52	94	7	10	19	12	5	3	0	2	0	0	9	15	—	0	1.24	91	—		
Watnall .. ..	21-9	117	5.2	1.5	3.3	+0.1	9.7	11	-11.4	31	—	—	80	117	9	8/10	21	18	9	3	0	6	0	7	8	12	10	0	1.23	86	—		
Mansfield .. ..	99	110	5.2	1.2	3.2	+0.2	9.0	11/26	-10.0	31	4.2	—	83	121	9	10	24	19	6	3	0	0	0	0	7	16	—	0	—	—	—		
Nottingham .. ..	99	59	6.2	1.1	3.7	+0.2	10.4	23/26	-9.4	31	4.1	5.7	52	90	7	10	21	16	—	—	—	—	—	1	9	15	—	—	1.30	105	—		
Warsop .. ..	99	46	5.7	0.8	3.3	—	9.8	11	-17.7	31	—	—	63	116	8	7	20	15	—	—	—	—	—	5	10	17	—	—	1.30	—	—		
Finningley .. ..	21-9	10	5.8	1.9	3.9	+0.6	11.0	22	-7.5	31	—	—	55	108	10	26	22	14	5	3	1	3	0	4	7	10	7	0	1.51	—	—		
Leicester																																	
Newtown Linford .. ..	99	119	5.2	0.8	3.0	—	9.6	11	-10.0	31	—	—	62	98	9	26	20	17	5	0	0	2	0	4	12	12	—	0	1.32	—	—		
Caldecott .. ..	99	52	5.7	1.1	3.4	—	9.9	11	-12.8	31	—	—	60	110	11	26	20	16	—	—	—	—	—	6	10	13	—	—	1.24	—	—		
Northampton																																	
Bugbrooke Mills .. ..	99	69	6.2	0.6	3.4	—	10.5	23/24	-10.0	31	5.5	7.0	59	108	11	26	20	14	—	—	—	—	—	3	12	—	—	—	1.44	—	—		
Raunds .. ..	99	59	5.7	1.1	3.4	+0.5	10.0	23	-12.5	31	4.7	7.2	53	100	10	26	21	17	4	1	0	2	0	2	9	9	—	1	1.48	103	S		
Wittering .. ..	99	65	5.2	1.7	3.5	+0.2	9.7	11	-13.0	31	—	—	54	100	9	26	21	16	6	2	0	4	0	6	7	10	9	0	1.49	—	—		
Warwick																																	
Birmingham																																	
King Edward School .. ..	99	137	5.8	(0.9)	(3.3)	—	9.8	11/26	-10.0	31	—	—	101	138	20	12	21	16	9	4	0	2	0	2	8	—	—	0	—	—	—		
Edgbaston .. ..	21-9	163	5.1	2.0	3.5	0.0	9.8	11/26	-7.5	31	5.8	8.6	110	145	20	12	24	18	9	4	1	2	0	4	7	14	13	0	1.53	112	—		
Luddington .. ..	99	56	6.2	1.1	3.7	—	10.6	18	-10.7	31	—	—	69	—	8	17/26	21	16	6	2	0	0	0	7	12	16	—	0	1.48	—	—		
Stratford-on-Avon .. ..	99	49	6.3	0.5	3.4	—	10.8	23	-13.2	31	5.4	—	79	140	10	17	24	16	4	3	1	1	0	4	13	22	—	0	1.45	—	—		
Shipston-on-Stour .. ..	99	111	5.7	1.1	3.4	—	10.9	23	-9.6	31	5.1	—	85	136	10	12	26	18	8	3	0	1	1	5	11	17	—	1	1.51	—	S		
Elmdon .. ..	21-9	96	5.5	1.8	3.7	—	10.5	26	-10.1	31	—	—	79	—	11	12	20	16	10	3	1	0	0	3	9	15	13	0	1.53	—	—		
Wellesbourne .. ..	99	47	(6.1)	(0.9)	(3.5)	—	10.7	26	-10.6	31	—	—	61	105	9	7	8	5	—	—	—	—	—	—	—	—	—	—	1.21	—	—		
Moreton Morrell .. ..	99	85	6.0	1.1	3.5	—	10.6	26	-7.6	31	—	—	66	114	11	2	22	13	6	1	0	2	0	7	12	12	—	1	1.35	—	—		
Rugby .. ..	99	117	5.5	0.7	3.1	+0.3	9.8	11/23/26	-10.0	31	3.9	—	61	101	10	26	22	15	7	3	0	3	1	—	13	13	12	2	—	—	—		
Oxford																																	
Brize Norton .. ..	21-9	84	6.1	1.9	4.0	—	10.7	26	-10.8	31	—	—	63	—	9	7	21	17	9	1	0	2	0	5	8	13	—	0	—	—	—		
Oxford .. ..	99	63	6.4	2.0	4.2	+0.5	11.0	23	-8.0	31	4.9	6.7	61	101	9	10	20	14	3	1	0	1	0	1	6	12	—	0	1.35	77	—		
Shirburn Model Farm .. ..	99	108	6.0	1.0	3.5	—	10.7	23	-10.5	31	—	—	62	—	9	10/26	25	13	8	0	0	0	0	4	13</								



Table 3 Summary of daily observations

January

1972

District, county and place	max. of observation	min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)										bright sunshine							
				means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure
				max. (a)	min. (b)			max.	date	min.	date																						
4 MIDLAND COUNTIES—continued																																	
Hereford																																	
Hereford	99	52	6.8	1.5	4.1	—	11.6	26	—9.8	31	(5.5)	(7.7)	93	—	17	12	19	18	4	0	0	0	0	0	0	4	8	16	—	0	1.51	—	—
Sewage Works	99	155	5.7	1.2	3.5	+0.2	10.0	11	—10.0	31	—	—	112	126	17	23	23	17	—	—	—	—	—	—	—	—	10	18	—	—	—	—	—
Lyonshall	21-9	68	6.2	2.5	4.3	+0.1	11.1	10,11,26	—9.9	31	5.5	7.1	92	124	18	12	20	17	3	1	0	0	0	0	3	8	11	8	0	1.48	86	—	
Preston Wynne	99	84	6.0	—	—	—	10.8	26	—	—	—	—	89	138	15	12	20	17	—	0	—	—	—	—	—	3	16	—	—	—	1.19	—	—
Gloucester																																	
Filton	21-9	59	6.5	2.8	4.7	+0.5	11.2	11	—9.1	31	—	—	94	122	29	12	19	14	4	0	1	3	0	0	7	10	9	1	1.54	—	—	—	
Hempsted	99	12	6.8	1.1	3.9	—	11.2	10,11	—10.4	31	6.1	8.4	44	63	24	12	19	13	3	0	0	1	0	1	0	10	14	—	0	1.41	—	—	
Gloucester	21-9	24	6.8	3.2	5.0	—	11.4	10	—9.0	31	—	—	74	—	23	12	20	14	5	0	0	0	0	1	6	10	8	0	0	1.43	—	—	
Cheltenham	99	65	6.2	1.5	3.9	+0.1	10.5	11,18,23	—9.5	31	—	—	72	114	20	12	25	15	—	—	—	—	—	—	9	—	—	—	—	1.57	—	—	
Cirencester	99	135	5.9	0.7	3.3	—	9.8	26	—10.5	31	—	—	81	96	13	12	20	20	3	1	0	0	0	7	11	19	—	0	—	—	—	—	
Little Rissington	21-9	226	4.6	1.3	2.9	—	9.2	26	—8.5	31	—	—	91	120	12	12	21	19	12	6	1	3	0	10	12	13	13	0	1.29	—	—	—	
5 ENGLAND SE																																	
Greater London																																	
Kensington Palace	99	25	6.7	—	—	—	11.7	11	—	—	6.0	7.8	55	95	7	7	23	14	5	2	0	0	0	0	—	12	—	1	—	—	—	—	
Hampstead	99	137	5.7	1.3	3.5	+0.4	9.8	23	—7.8	31	—	—	62	98	9	26	21	16	5	2	0	0	1	—	10	14	—	1	1.04	76	S	—	
St James Park	99	4	(7.3)	2.4	(4.9)	(+0.3)	11.5	9	—6.5	31	—	—	—	—	—	—	—	—	4	—	—	—	—	—	5	12	—	0	—	—	—	—	
London Weather Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Greenwich	99	7	6.7	(1.7)	(4.2)	—	11.1	26	—12.7	31	—	—	52	103	8	26	22	15	3	2	0	0	0	2	(5)	12	—	0	0.92	91	—	—	
Heathrow	21-9	25	6.6	2.7	4.7	+0.9	11.2	23	—9.3	31	—	—	55	57	8	10	22	15	6	1	0	0	0	1	5	11	7	0	0	1.32	—	—	
Hampton	99	12	6.7	1.9	4.3	—	10.5	12	—9.0	31	—	—	51	97	6	10	24	15	4	2	0	0	0	1	6	17	—	0	(1.20)	—	—	—	
Wealdstone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Southgate	99	67	6.5	1.8	4.1	—	10.9	14	—7.1	31	6.2	—	72	122	9	26	21	15	7	1	0	0	0	—	6	11	—	0	1.10	—	—	—	
Kew	21-9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
psychrometer screen	—	—	6.4	2.1	4.3	—	10.8	11	—9.6	31	5.6	7.4	54	98	8	26	21	12	7	2	0	3	0	1	9	10	8	0	1.18	79	—	—	
Waddon	99	59	6.4	1.8	4.1	+0.1	10.5	26	—11.0	31	—	—	69	107	9	11	20	16	—	—	—	—	—	—	5	—	—	—	—	—	—	—	
Addington	99	144	5.6	1.4	3.5	+0.1	9.6	26	—9.0	31	—	—	78	113	10	11	25	19	—	—	—	—	—	—	0	9	—	—	—	—	—	—	
Bromley	99	65	5.8	1.7	3.7	—0.2	9.0	11,13,22	—10.0	31	—	—	64	112	7	26	20	17	—	2	—	—	—	—	1	5	—	—	—	—	—	—	
Surrey																																	
Gatwick	21-9	59	6.1	1.5	3.8	+0.4	10.1	26	—15.6	31	—	—	83	106	13	11	24	17	5	2	0	2	0	2	10	12	9	0	1.19	—	—	—	
Witley	99	35	6.8	2.2	4.5	+0.8	10.6	26	—10.8	31	5.8	7.3	55	—	8	10	22	15	3	2	0	1	0	9	5	15	—	3	1.17	—	—	—	
Mickleham	99	55	(6.3)	(0.4)	(3.3)	—	10.2	26	—12.8	31	5.0	6.6	88	115	13	10	25	18	5	3	0	0	0	0	14	18	—	0	—	—	—	—	
Kent																																	
Hadlow College	99	30	6.2	0.8	3.5	—	10.4	26	—16.3	31	5.5	7.4	70	—	10	24	24	19	5	2	0	0	0	1	10	14	—	1	0.90	—	—	—	
Gillingham	99	4	(6.1)	1.4	(3.7)	—	11.1	23	—13.4	31	—	—	66	117	11	24	21	15	—	—	—	—	—	—	5	—	—	—	—	—	—	—	
Peckham	21-9	29	5.7	1.0	3.3	—	10.3	26	—14.9	31	—	—	70	—	15	24	25	16	4	2	0	0	0	3	12	13	12	0	1.03	—	—	—	
Dungeness	99	3	6.3	2.2	4.3	—0.1	9.8	11,26	—8.9	31	—	—	52	84	11	11	20	13	4	1	0	0	0	0	7	—	—	—	—	—	—	—	
Whitstable	99	3	6.3	2.0	4.1	—	10.9	23	—10.5	31	—	—	52	105	11	24	19	14	4	2	2	1	0	1	8	—	—	2	1.06	—	—	—	
Folkestone	99	31	6.2	1.0	3.6	—	9.7	12	—12.9	31	6.9	—	70	—	10	11	22	16	4	2	0	1	0	0	11	15	—	5	1.10	—	—	—	
Elmstone	99	9	6.3	0.2	3.3	—	10.5	23	—13.6	31	—	—	51	—	8	24	19	14	—	—	—	—	—	—	1	15	16	—	—	—	—	—	
Herne Bay	99	31	6.0	1.3	3.7	—	10.5	23	—8.5	31	—	—	57	—	9	24	19	15	2	1	0	0	0	14	9	—	—	0	1.10	—	—	—	
Dover	99	6	6.3	2.1	4.2	—0.3	10.2	12	—9.3	31	5.6	7.2	67	95	11	26	20	16	6	2	0	1	0	0	7	10	—	0	1.10	—	—	—	
Manston	21-9	44	5.6	1.8	3.7	—	10.4	23	—12.0	31	—	—	51	104	9	3	20	14	9	1	1	1	0	0	9	13	11	1	—	—	—	—	
Margate	99	16	6.3	2.1	4.2	—0.4	10.7	23	—7.4	31	5.2	7.3	49	—	7	26	19	14	5	2	0	0	0	1	5	11	—	3	1.27	72	S	—	
Goudhurst	99	85	5.5	0.5	3.0	—	9.6	26	—14.0	31	—	—	96	111	19	24	22	18	2	2	0	2	0	1	14	18	—	0	—	—	—	—	
East Malling	99	37	6.0	0.8	3.4	—0.1	10.2	26	—17.7	31	4.7	6.3	75	119	9	24	26	18	6	4	0	1	1	2	12	14	—	1	0.90	57	—	—	
Throwley	99	150	5.0	1.0	3.0	—	9.2	26	—9.5	31	4.3	6.5	88	113	16	24	26	17	4	3	0	0	0	5	10	14	—	4	0.94	—	—	—	
Faversham	99	48	5.8	1.2	3.5	—	10.1	26	—12.1	31	4.9	6.7	72	—	13	24	25	15	7	2	0	3	0	2	11	15	—	0	0.96	—	—	—	
Wye	99	56	5.8	0.3	3.1	—0.3	9.7	12,24,26	—10.5	31	5.4	7.0	63	83	10	11	21	14	5	1	0	0	0	0	5	14	19	—	0	1.01	58	—	—
Sussex																																	
Thorney Island	21-9	3	6.9	2.5	4.7	—	11.1	26	—7.7	31	—	—	87	115	12	7	22	16	4	1	0	2	0	1	10	14	11	0	1.33	—	—	—	
Rogate	99	64	—	1.3	—	—	(10.2)	(26)	—9.5	31	6.3	—	117	—	17	10	19	16	3	1	0	0	0	3	12	19	—	0	—	—	—	—	
Bognor Regis	99	7	7.0	2.4	4.7	+0.1	12.1	12	—6.6	31	—	8.4	72	90	11	10	17	15	2	0	0	0	0	0	6	12	—	0	1.52	68	—	—	
Fernhurst	99	57	6.6	—0.1	3.3	—	10.2	26	—15.0	31	5.0	—	96	98	15	10	24	17	3	—	0	0	0	—	16	17	—	0	1.16	—	—	—	
Littlehampton	99	5	7.1	2.6	4.9	+0.5	10.0	11	—8.0	31	—	7.8	70	91	11	10	19	13	4	2	0	0	0	1	5	—	—	0	1.53	69	—	—	
North Heath	99	21	6.6	1.8	4.2	—	10.7	26	—11.0	31	5.4	7.1	87	—	17	10	20	16	3	2	0	0	0	1	9	15	—	0	1.38	—	—	—	
Worthing	99	2	7.2	2.4	4.8	—																											



District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)																	bright sunshine	
				means of		daily mea <sup>1</sup> (mean of a & b)	d difference from 1931-60 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	most in a day		precip- itation 0.2 mm or more or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost grass mns. below 0°C	concrete mins. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure					
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																			
5 ENGLAND SE—continued																																				
Hampshire—continued																																				
Alice Holt Lodge .. .	99	115	5.8	0.9	3.3	—	10.0	26	-11.2	31	—	—	89	105	13	11	23	17	2	3	0	1	0	0	4	11	15	—	0	1.21	—	—	—	—		
South Farnborough .. .	99	69	6.5	1.4	3.9	+0.2	10.7	26	-11.6	31	—	—	76	110	9	15	22	15	6	1	0	0	0	1	8	12	10	0	1.28	79	—	—	—			
Isle of Wight																																				
St Catherines Point .. .	99	16	7.6	3.8	5.7	+0.5	10.3	11.26	-4.3	31	—	—	73	86	11	10	23	19	4	—	0	0	0	0	2	—	—	0	—	—	—	—	—			
Ventnor .. .	99	122	7.3	3.6	5.5	+0.2	10.6	14	-4.5	31	6.5	8.4	91	98	11	10	25	20	2	1	0	0	0	0	2	3	—	0	1.66	71	—	—	—			
(see Introduction)																																				
Shanklin .. .	99	55	7.2	2.9	5.1	—	10.5	10.26	-7.6	31	—	—	97	94	14	10	24	20	2	—	0	0	0	2	3	—	—	0	1.44	—	S	—	—			
Sandown .. .	99	4	7.7	3.6	5.7	+0.4	10.7	26	-5.4	31	—	—	76	86	12	10	19	19	2	—	0	0	0	0	3	—	—	—	1.53	—	—	—	—			
Ryde .. .	99	4	7.4	2.5	4.9	-0.2	10.8	26	-6.6	31	—	—	82	94	14	10	19	16	4	1	0	0	0	0	3	—	—	0	1.35	66	—	—	—			
Wiltshire																																				
Lacock .. .	99	49	6.9	1.5	4.2	—	11.0	10	-10.0	31	—	—	55	75	11	12	13	11	—	0	—	—	—	1	9	18	—	—	—	—	—	—	—			
Lynham .. .	21-9	145	5.7	2.1	3.9	+0.5	10.0	10.18.26	-9.0	31	—	—	66	93	14	12	19	14	7	0	0	5	0	3	9	13	12	0	1.18	—	—	—	—			
Larkhill .. .	99	132	6.3	1.2	3.7	+0.4	10.9	26	-10.0	31	—	—	102	143	16	16	19	16	5	0	0	0	0	3	10	16	9	0	—	—	—	—	—			
Boscombe Down .. .	21-9	126	6.1	1.9	4.0	+0.4	10.2	26	-9.7	31	—	—	94	127	13	16	20	15	6	0	0	0	0	2	8	14	10	0	1.27	—	—	—	—			
Upavon .. .	21-9	176	5.4	1.7	3.5	—	10.6	23	-8.1	31	—	—	94	120	13	10	21	17	8	2	0	2	0	3	8	14	10	0	—	—	—	—	—			
Porton .. .	99	111	6.3	0.8	3.5	+0.2	10.4	26	-10.4	31	5.0	—	112	150	15	10	19	18	—	0	—	—	—	2	12	18	13	—	1.17	62	—	—	—			
7a ENGLAND NW																																				
Cumberland																																				
Sellafield .. .	99	13	6.4	2.1	4.3	—	11.1	11	-6.5	31	—	—	104	96	35	18	17	14	—	0	—	—	—	5	6	13	—	—	1.67	—	—	—	—			
Bromfield .. .	99	20	6.5	1.5	4.0	—	12.4	11	-9.8	31	—	—	76	—	16	23	20	12	4	0	3	0	1	0	7	10	—	0	—	—	—	—	—			
Carlisle .. .	21-9	26	6.0	2.4	4.2	—	11.7	11	-9.7	31	—	—	65	—	15	18	16	13	8	3	1	0	0	0	5	14	10	0	1.67	—	—	—	—			
Newton Rigg .. .	99	171	4.9	0.9	2.9	+0.5	10.2	11	-11.0	31	3.6	—	117	116	19	26	23	14	—	3	—	—	—	0	11	21	—	—	1.09	80	—	—	—			
Westmorland																																				
Great Dun Fell .. .	21-9	847	-0.5	-2.5	-1.5	—	5.2	11	-11.7	31	—	—	—	—	—	—	—	—	—	23	—	—	—	27	28	—	—	—	0.29	—	—	—	—			
Moor House .. .	99	556	1.7	-1.9	-0.1	—	7.3	11	-18.5	31	2.5	—	199	87	21	23	28	26	—	22	—	—	—	12	21	27	—	—	0.49	—	—	—	—			
Lancashire																																				
Squires Gate .. .	21-9	10	6.2	2.6	4.4	+0.7	11.0	11	-9.4	31	—	—	87	107	19	18	18	16	8	0	0	2	0	1	9	10	8	0	1.37	88	—	—	—			
Aigburth .. .	99	14	6.5	2.8	4.7	—	11.2	26	-0.6	31	—	—	73	—	15	18	20	14	4	0	0	0	1	2	8	8	0	—	1.49	—	—	—	—			
Southport .. .	99	5	6.1	2.0	4.1	—	11.0	23	-7.7	31	4.7	8.4	70	89	17	18	20	14	—	1	—	—	—	2	7	9	—	—	1.42	—	—	—	—			
Cartmel .. .	99	34	(6.0)	1.7	(3.9)	—	10.7	11	-9.6	31	—	—	102	—	24	18	19	17	2	2	0	0	0	0	9	—	—	0	—	—	—	—	—			
Grizedale .. .	99	91	5.7	0.4	3.1	—	10.6	11	-10.0	31	4.5	—	201	—	46	18	24	20	5	3	2	0	1	12	24	—	0	—	—	—	—	—	—			
Speke .. .	21-9	22	6.3	2.4	4.3	—	11.6	22	-8.3	31	—	—	74	102	16	18	21	15	8	0	4	0	0	1	5	9	7	0	1.55	—	—	—	—			
Kirkham .. .	99	24	6.3	1.5	3.9	—	11.0	11	-8.8	31	—	—	91	99	20	18	19	16	1	0	1	2	0	0	9	16	—	0	1.38	—	—	—	—			
Bailrigg .. .	99	53	6.2	1.7	3.9	—	11.4	11	-9.4	31	—	—	84	—	17	18	20	15	—	0	—	—	—	1	7	16	—	—	1.23	—	—	—	—			
Morecambe .. .	99	7	6.4	2.7	4.5	+0.8	11.5	11	-7.7	31	—	—	82	83	19	18	19	16	3	1	0	0	0	1	2	—	—	0	1.31	87	—	—	—			
Preston .. .	99	33	6.3	2.1	4.2	—	11.4	11	-8.0	31	—	—	77	79	19	18	23	13	4	0	0	3	0	1	9	11	—	0	—	—	—	—				
Bolton .. .	99	107	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
Stonyhurst .. .	99	115	5.7	1.2	3.4	+0.4	10.4	11	-10.0	31	—	—	95	75	24	18	22	14	—	0	—	—	—	3	10	—	—	—	0.93	68	—	—	—			
Manchester Weather Centre .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.30	—	—	—	—			
Helmshore .. .	99	260	4.4	0.5	2.5	—	9.2	11	-9.7	31	(4.2)	—	162	96	36	18	25	16	—	5	—	—	—	1	13	18	—	—	—	—	—	—	—			
Nelson .. .	99	165	5.2	1.1	3.1	—	10.0	11	-11.6	31	3.9	6.0	95	80	17	18	24	17	—	2	—	—	—	0	11	17	—	—	0.82	—	—	—	—			
Rochdale .. .	99	110	5.9	1.4	3.7	—	12.0	22	-9.2	31	—	—	107	90	18	18	23	18	2	0	0	0	0	2	10	13	—	0	0.79	—	—	—	—			
Cheshire																																				
West Kirby Park .. .	99	8	6.8	2.4	4.6	—	11.1	11.23	-6.2	31	—	—	63	86	17	18	19	12	—	0	—	—	—	5	4	—	—	—	1.46	—	—	—	—			
Ness Gardens .. .	99	55	6.5	1.9	4.2	—	11.4	23	-7.7	31	—	—	65	—	14	18	16	11	6	0	1	0	0	1	6	21	—	0	1.39	—	—	—	—			
Winnington .. .	99	20	6.8	2.3	4.5	—	11.3	11	-6.8	31	—	—	70	94	12	18	18	14	2	0	0	0	0	2	7	7	—	0	—	—	—	—	—			
Knutsford .. .	99	65	(6.2)	(1.8)	(4.0)	—	10.7	11	-8.4	31	4.4	6.0	74	93	15	18	17	14	—	1	—	—	—	—	7	15	—	—	—	—	—	—	—			
Ringway .. .	21-9	75	5.9	2.4	4.1	+0.7	11.2	11	-8.0	31	—	—	68	89	13	18	19	13	11	0	2	1	0	0	8	11	8	0	1.46	134	—	—	—			
Macclesfield .. .	99	152	5.2	1.3	3.3	+0.5	9.5	11	-7.6	31	—	—	77	90	15	18	23	16	5	2	0	1	0	0	10	—	—	0	—	—	—	—	—			
7b NORTH WALES																																				
Flint																																				
Rhyl .. .	99	9	7.5	2.4	4.9	+0.1	12.3	11	-7.0	31	—	—	40	62	12	18	17	10	0	0	0	0	0	0	4	9	—	0	1.62							



January 11 1972

District, county and place		terminal h (GMT) of observation max. min.		height of station above MSL (metres) max. min.		air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)			weather (number of days)													bright sunshine		
						means of		daily mean (mean of a & b)		4 difference from 1931-50 average		highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more 1.0 mm or more	snow or sleet snow lying at 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure
												max.	date	min.	date					amount (mm)	date													
						max. (a)	min. (b)	max.	date	min.	date	max.	date	min.	date	30cm (°C)	100cm (°C)	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 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure
8a SOUTH WALES—continued																																		
Cardigan—continued																																		
Llety-avan-hen		99	290	5.3	1.4	3.3	—	10.0	11	−7.4	31	—	—	107	72	21	18	21	16	6	0	2	0	0	0	1	7	15	—	0	1.56	101	—	
Cwmystwyth		99	301																															
Pembroke																																		
Dale Fort		99	33	8.0	4.3	6.1	—	11.2	26	−3.3	31	6.3	—	104	—	17	31	20	16	3	1	0	0	0	0	1	2	4	—	5	1.93	—		
Milford Haven																																		
Conservancy Board		21-9	37	7.7	4.2	5.9	—	11.5	22	−5.0	31	—	—	132	—	22	31	22	18	2	0	0	0	0	0	0	2	(8)	(5)	6	—	—		
Oriellon		99	61	(7.6)	(2.5)	(5.1)	—	10.7	22,26	−4.8	31	(6.3)	—	135	—	21	15	23	17	3	0	0	0	0	0	(0)	(5)	(10)	(6)	—	—	—		
Haverfordwest		99	8	7.6	1.8	4.7	—	11.5	22	−7.8	31	—	—	142	—	22	31	21	15	2	—	0	0	0	0	—	12	—	0	0	1.08	—		
Carmarthen																																		
Carmarthen		99	15	7.4	1.8	4.6	—	11.0	9	−8.5	31	6.4	7.9	123	—	19	10	20	17	1	0	0	0	0	1	10	16	—	6	1.50	—			
Esgairwen-Uchaf		99	332	4.8	1.3	3.1	—	8.9	11,26	−9.6	31	—	—	181	—	30	23	23	18	7	0	1	3	0	1	7	14	—	5	—	—			
Brynamman		21-9	183	6.0	2.4	4.2	—	10.2	9	−8.0	31	—	—	160	—	28	23	22	19	4	—	3	2	1	1	6	9	—	0	—	—			
Radnor																																		
Cenarth Mill		21-9	282	4.7	0.8	2.7	—	9.6	26	−13.2	31	—	—	147	—	23	26	22	19	—	1	—	—	—	0	14	20	—	—	—	—			
Llandrindod Wells		99	235	5.6	0.9	3.3	+0.5	9.8	11	−12.7	31	5.4	—	120	104	19	26	20	18	8	3	0	0	0	4	10	—	0	—	1.00	78	S		
Brecknock																																		
Llwynon		99	242	5.9	0.4	3.1	—	10.5	11	−10.0	31	—	—	209	—	29	23	22	19	0					9	12	—	—	1.23	—	S			
Glamorgan																																		
Mumbles		21-9	36	7.0	3.8	5.4	—	10.7	11	−3.6	31	—	—	—	—	—	—	—	—	3	0	0	0	0	0	3	7	4	4	—	—			
Penmaen		99	82	6.9	3.2	5.1	—	10.4	11	−6.0	31	6.0	7.2	105	—	14	10	21	16	3	0	0	0	0	0	2	7	—	3	1.69	—			
Swansea		99	8	7.4	3.5	5.5	+0.2	10.8	26	−5.0	31	5.5	8.2	105	87	17	23	23	15	0	0	0	0	0	0	3	7	—	0	—	—			
Port Talbot		99	7	7.8	3.5	5.7	—	11.5	11	−4.0	31	—	—	118	103	17	10	21	19	3	0	0	0	0	0	4	(8)	—	0	1.82	—	S		
Neath		99	62	7.2	2.9	5.1	—	10.9	26	−6.9	31	—	—	121	—	19	10	23	17	3	0	0	2	0	0	3	9	—	0	—	—			
Porthcawl		99	6	7.2	3.2	5.2	—	11.2	11	−6.0	31	—	—	89	—	13	15	19	16	—	—	—	—	—	0	3	—	—	—	—	—			
Rhose		21-9	67	6.6	3.0	4.8	—	10.8	11	−7.6	31	—	—	102	99	14	25	24	16	7	0	2	1	0	2	5	9	8	0	1.65	92			
Cardiff		99	62	6.8	2.6	4.7	+0.3	10.6	11	−7.0	31	6.3	8.2	113	97	16	12	22	18	2	—	0	2	1	0	4	9	—	0	1.33	—	S		
Monmouth																																		
Tredegar		99	313	4.9	1.0	2.9	—	9.0	10,11,26	−10.5	31	—	—	229	125	28	12	24	20	6	3	0	1	0	7	7	16	—	4	1.08	—			
Newport		99	23	7.0	2.1	4.5	+0.4	10.5	11,26	−7.7	31	—	—	106	97	17	12	20	17	2	0	0	0	0	0	7	12	—	1	1.70	—			
Usk		99	21	—	—	—	—	—	—	—	—	—	—	131	115	21	10,12	15	15	—	1	—	—	—	—	—	—	—	—	—	—			
Crumblad		99	245	5.1	1.3	3.2	—	9.1	11	−8.0	31	4.8	6.3	141	126	22	12	21	18	2	0	0	0	0	10	7	13	—	0	1.62	—			
8b ENGLAND SW																																		
Somerset																																		
Hawkridge		99	314	5.4	1.0	3.2	—	9.5	11	−11.4	31	—	—	159	95	17	26	27	22	8	4	2	3	0	4	7	20	—	0	1.15	—			
Nettlecombe		99	96	7.3	1.8	4.5	—	11.2	26	−9.8	31	5.5	—	119	—	19	16	23	19	4	0	1	2	0	0	6	17	—	2	—	—			
Cannington		99	23	(7.5)	(2.0)	(4.7)	—	11.5	10,26	−8.0	31	(6.1)	—	99	134	20	12	18	16	—	—	—	—	—	(1)	4	16	—	—	(1.44)	79			
Cricket Malherbie		99	76																															
Cheddar		99	11																															
Yeovilton		21-9	18	7.3	2.3	4.8	—	12.0	26	−9.2	31	—	—	91	—	16	12	20	16	3	0	0	0	0	1	9	8	8	1	—	—			
Rodney Stoke		99	40	7.5	1.7	4.6	—	11.4	26	−6.5	31	6.2	8.0	101	—	23	12	19	17	—	0	—	—	—	—	1	6	(6)	—	—	—			
Long Ashton		99	49	7.0	2.3	4.6	+0.3	11.3	10	−8.2	31	5.5	—	99	113	27	12	19	15	3	0	0	1	0	1	5	15	—	0	1.39	88			
West Camel		99	27	7.4	1.6	4.5	—	11.9	23	−10.1	31	—	—	98	—	15	12	21	16	9	0	1	1	1	0	9	13	—	0	—	—			
Downside Abbey		99	183	6.1	1.9	4.0	—	10.1	11	−8.7	31	—	—	117	—	24	12	20	18	—	—	—	—	—	7	9	—	—	—	—	—			
Wincanton		99	114	6.7	1.7	4.2	—	11.3	23	−8.3	31	—	—	107	—	15	12	20	19	4	1	0	0	0	1	8	13	—	0	—	—			
Bath		99	118	6.5	2.0	4.3	—	11.2	26	−8.2	31	5.9	—	80	106	18	12	21	15	3	0	1	0	0	0	2	7	—	0	—	—	S		
Dorset																																		
Portland Bill																																		
Coastguard		21-9	53	7.4	4.9	6.1	—	10.7	10	−3.7	31	—	—	99	—	14	12	19	16	2	0	0	0	0	0	3	4	2	3	1.69	—			
Weymouth		99	23	8.1	2.9	5.5	−0.1	11.4	10	−9.3	6	—	—	113	—	17	7	23	18	2	1	0	0	0	0	0	4	—	0	1.90	—			
Winfrith		99	26	8.0	(2.1)	(5.1)	—	12.0	22	−8.6	31	—	—	123	—	19	7	22	20	—	1	—	—	—	0	11	16	—	—	—	—			
Shaftesbury		99	207	5.6	0.0	2.8	−0.6	9.6	23	−9.1	31	—	—	129	147	21	16	22	16	—	2	—	—	—	5	16	—	—	—	—	—			
Swanage		99	11	7.8	4.9	6.3	—	11.0	10	−1.0	25,31	—	8.8	91	103	13	7,10	21	18	2	—	0	0	0	0	4	6	—	4	1.69	82			
Poole		99	8	7.6	1.5	4.5	—	10.8	10	−6.6	31	6.2	8.0	88	96	17	10	23	18	2	1	0	0	0	0	11	13	—	0	1.57	75			
Devon																																		
Virginstow		99	168	7.5	1.8	4.7	—	11.2	11	−6.5	30	—	—	137	—	20	12	24	19	1	—	1	1	0	1	6	10	—	2	—	—			
Hartland Point		21-9	91	7.5	3.9	5.7	—	11.2	11	−6.5	30	—	—	77	75	12	25	18	13	3	1	0	2	0	0	5	4	3	6	1.70	96			
Mount Batten		21-9	27	8.3	4.0	6.1	−0.1	11.9	11,17	−3.6	30	—	—	134	122	20	10	21	17	4	1	1	4	1	0	5	10	9	6	1.94	100			
Plymouth Hoe		99	36	8.2	2.0	5.1	−0.9	11.5	11	−4.7	30	6.6	8.2	120	110	18	10	20	18	2	1	0	3	0	0	6	12	—	0	—	—			
Tavistock		99	139	8.0	2.0	5.0	0.0	11.4	18	−5.0	31	—	—	193	119	30	10	22	18	3	1	4	0	0	0	7	14	—	0	—	—			
Chivenor		21-9	6	8.0	3.8	5.9	−0.3	12.7	11	−5.9	31	—	—	91	88	11	25	22	16	3	2	1	5	0	0	4	12	6	1	1.58	—			
Prawle Point		21-9	59	—	—	—	—	—	—	—	—	—	—	51	—	11	15	16	11	3	—	0	0	0	0	—	—	—	12	—	—			
Totnes		99	84	8.1	2.6	5.3	—	13.0	26	−6.0	30,31	6.4	8.1	212	—	23	10	19	17	5	1	0	0	0	2	4	9	—	1	1.41	—			
Cheldon Barton		21-9																																



Table 3 Summary of daily observations

January

1972

District, county and place	max. min. terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine						
			means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date																							
NORTHERN IRELAND																																	
Londonderry																																	
Coolkeeragh .. ..	99	3	6.7	0.1	3.4	—	10.0	10.23	-5.2	31	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Loughmore Forest ..	99	174	5.4	-0.2	2.6	—	9.0	22.23	-8.0	31	—	—	112	—	15	26	23	21	7	5	0	1	0	0	15	21	—	—	—	—	—	—	
Banagher Caugh Hill ..	99	216	5.7	0.4	3.1	—	8.8	27	-5.7	31	—	—	180	—	31	8	23	19	5	5	0	0	0	1	17	17	—	—	—	—	—	—	
Derrynoyd Forest ..	99	88	—	—	—	—	—	—	—	—	—	—	153	—	23	10	22	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Somerset Forest .. ..	99	43	6.0	0.9	3.5	—	10.4	22	-9.6	31	—	—	108	—	18	10	19	9	2	0	0	0	0	1	8	17	—	—	—	—	—	—	
Coleraine University ..	99	23	6.0	0.8	3.4	—	10.3	22	-8.4	31	4.9	7.2	110	—	19	10	24	18	10	1	0	2	0	1	9	17	—	—	—	—	—	—	
Garvagh Forest .. ..	99	88	5.5	-1.4	2.1	—	9.9	23	-11.9	31	4.2	6.6	132	—	27	10	24	21	6	2	2	0	0	0	20	23	—	—	—	—	—	—	
Moneydig .. ..	21-9	34	5.6	0.7	3.1	-0.6	10.3	23	-15.9	31	5.0	—	112	105	21	10	23	18	7	1	0	1	0	1	12	20	—	—	—	—	—	—	
Traad Point .. ..	99	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antrim																																	
Ballymoney .. ..	99	55	6.7	0.6	3.7	—	10.1	23	-7.3	31	—	—	96	—	18	10	21	16	4	—	0	0	0	0	9	—	—	—	—	—	—	—	
Lisnafillan .. ..	99	38	6.1	0.8	3.5	—	9.6	23	-10.0	31	—	—	127	—	23	18	20	18	1	1	0	0	0	4	11	17	—	—	—	—	—	—	
Aldergrove .. ..	21-9	68	6.2	2.3	4.3	+0.6	10.5	23	-5.6	31	4.5	7.4	102	105	17	10	21	15	7	0	0	0	0	1	7	11	10	0	1.18	81	—	—	
Greenmount .. ..	99	32	6.6	1.7	4.1	—	10.4	22.23	-5.5	31	4.8	—	105	—	16	10	19	17	3	0	0	0	0	—	5	14	—	—	—	—	—	—	
Altnahinch .. ..	99	226	4.8	0.5	2.7	—	8.2	23	-7.6	31	—	—	159	—	23	10	28	21	9	5	2	0	0	0	11	16	—	—	—	—	—	—	
Parkmore Forest .. ..	99	235	5.2	-0.1	2.5	—	7.9	23	-8.0	31	4.5	—	181	112	20	18	24	19	6	1	0	0	0	1	12	21	—	—	—	—	—	—	
Black Mountain .. ..	21-9	295	4.2	1.0	2.6	—	7.9	18.19.23	-6.5	31	—	—	134	—	24	11	21	19	7	2	1	0	1	6	10	—	—	—	—	—	—	—	
Lowtown .. ..	99	271	4.7	-0.2	2.3	—	8.0	10.23	-8.0	31	4.4	—	166	—	21	18	23	19	3	2	0	0	0	4	12	24	—	—	—	—	—	—	
Ballypatrick Forest ..	99	152	5.6	1.5	3.5	—	9.5	23	-6.0	31	—	—	183	145	23	10	26	22	8	1	1	0	0	0	8	12	—	—	—	—	—	—	
Belfast Malone .. ..	99	35	6.6	1.3	3.9	—	11.6	23	-7.4	31	4.6	—	139	—	17	15	23	20	2	—	0	0	0	2	7	17	—	—	—	—	—	—	
Newtownabbey .. ..	99	32	6.7	2.8	4.7	—	10.8	23	-2.9	31	5.2	—	139	—	25	11	19	17	4	0	0	0	0	1	1	18	—	—	—	—	—	—	
Woodburn North .. ..	99	217	4.9	0.6	2.7	—	8.5	22	-6.0	31	—	—	121	93	21	18	18	17	3	0	0	0	0	3	12	15	—	—	—	—	—	—	
Larne .. ..	99	43	6.9	2.1	4.5	—	11.0	23	-4.5	31	—	—	130	113	19	11	19	16	0	1	1	0	0	1	5	—	—	—	—	—	—	—	
Kilroot .. ..	99	22	7.2	2.2	4.7	—	10.8	22	-3.1	31	—	—	121	—	20	11	19	16	1	1	1	0	0	0	6	9	—	—	—	—	—	—	
Ballylumford .. ..	99	24	7.0	3.2	5.1	—	11.0	23	-2.8	31	—	—	122	—	20	11	16	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Down																																	
Hillsborough .. ..	99	116	5.9	1.0	3.5	-0.2	9.7	23	-6.7	31	5.1	7.2	122	128	20	11	22	14	4	1	0	0	0	0	10	17	—	—	—	—	—	—	
Kilkeel .. ..	21-9	18	7.2	3.1	5.1	+0.1	11.0	22	-4.5	31	—	—	127	—	14	8	20	15	2	1	0	0	0	1	4	11	9	5	1.08	—	—	—	
Rosetta .. ..	99	24	6.4	1.1	3.7	—	(11.5)	23	-6.7	31	—	—	145	—	21	15	21	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Murlough .. ..	99	9	7.0	1.3	4.1	—	12.1	22	-11.8	31	4.8	6.4	178	—	29	18	22	19	2	2	1	4	0	1	19	19	—	—	—	—	—	—	
Belfast Rosebank .. ..	99	47	6.9	1.8	4.3	—	10.5	22.23	-5.6	31	—	—	151	—	25	15	19	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stormont Castle .. ..	99	56	6.7	1.6	4.1	—	10.3	22	-4.1	31	4.5	6.4	150	147	25	15	19	18	5	0	0	0	1	2	7	22	—	—	—	—	—	—	
Downpatrick .. ..	99	26	7.4	1.7	4.5	—	11.3	21	-6.8	31	—	—	139	—	19	11	18	17	3	—	0	0	0	6	8	14	—	—	—	—	—	—	
Creightons Green .. ..	99	119	6.3	1.1	3.7	—	9.7	23	-6.8	31	—	—	159	—	29	15	20	17	4	0	0	4	0	1	6	18	—	—	—	—	—	—	
Cross Island .. ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Helens Bay .. ..	99	43	6.3	2.4	4.3	—	10.3	23	-3.5	31	—	—	147	—	22	15	19	18	3	1	0	2	0	2	5	21	—	—	—	—	—	—	
Killough .. ..	21-9	15	7.1	3.1	5.1	—	9.6	23	-4.6	31	—	—	127	—	23	18	19	13	2	2	0	0	0	1	6	12	9	7	—	—	—	—	
Ballywalter Park .. ..	—	11	—	—	—	—	—	—	—	—	—	—	140	152	31	11	21	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Armagh																																	
Armagh .. ..	99	62	6.4	0.6	3.5	-0.6	10.9	23	-8.5	31	5.2	7.2	110	132	14	10	20	15	4	3	1	0	0	0	10	23	—	—	—	—	—	—	
Loughgall .. ..	99	25	6.4	1.2	3.8	—	11.2	23	-7.9	31	—	—	107	139	16	8	18	16	5	1	0	3	0	2	8	26	—	—	—	—	—	—	
Tandragee .. ..	99	43	6.7	0.7	3.7	—	10.7	23	-9.0	31	—	—	107	—	15	8	17	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bessbrook .. ..	—	76	—	—	—	—	—	—	—	—	—	—	153	146	21	8	24	20	2	2	1	1	0	—	—	—	—	—	—	—	—	—	
Portadown .. ..	99	16	6.7	1.5	4.1	—	11.2	23	-8.2	31	5.3	7.3	101	—	15	8	22	14	2	—	0	0	0	—	7	19	—	—	—	—	—	—	
Lurgan .. ..	99	55	6.3	1.2	3.6	—	10.6	23	-8.1	31	4.6	6.9	87	—	14	8	19	13	—	—	—	—	—	—	10	17	—	—	—	—	—	—	
Tyrone																																	
Lough Bradan .. ..	99	169	5.4	0.0	2.7	—	9.4	25.26	-7.6	31	—	—	147	—	20	18	21	18	—	—	—	—	—	2	12	22	—	—	—	—	—	—	
Baronscourt Forest ..	99	88	5.8	0.4	3.1	—	10.0	23	-6.6	6	4.6	5.8	119	—	14	18	20	18	4	4	0	0	0	4	9	25	—	—	—	—	—	—	
Strabane Convent .. ..	99	44	6.2	0.8	3.5	—	9.8	22	-5.9	6	—	—	99	—	11	18	23	18	4	1	1	0	1	5	7	24	—	—	—	—	—	—	
Carrigans .. ..	21-9	113	5.4	0.9	3.1	—	9.3	23	-6.5	5	—	—	110	—	15	18	21	19	8	3	1	0	0	4	13	18	15	0	—	—	—	—	
Lislap Forest .. ..	99	209	5.4	-0.1	2.7	—	8.7	23	-5.7	31	4.3	—	124	92	17	10	21	20	2	3	0	0	0	1	16	24	—	—	—	—	—	—	
Knockmany Forest ..	99	73	6.3	-0.1																													



Table 4 Summary of observations at fixed hours

January 1972

height of barometer above MSL (metres)		hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																	
			at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW	
									mean	0	1-2	3-5	6-7												8	8 or more	6-7	4-5	1-3									calm
number of observations																																						
0 SCOTLAND N																																						
Lerwick, Zetland																																						
83	3	1012.0	-	4.0	-	-	-	6.9	0	0	6	10	15	0	0	0	0	0	1	0	10	4	9	7	4	4	13	8	2	3	1	3	10	8	4	0	0	
	9	1012.5	+6.0	-	-	-	-	6.7	0	1	4	14	12	0	0	0	0	0	0	1	11	5	7	7	1	9	12	6	3	1	0	4	8	10	2	3	0	
	15	1012.4	-	-	-	-	-	7.0	0	0	5	13	12	1	0	0	0	0	0	1	10	8	7	5	1	7	16	7	0	2	0	4	12	6	6	1	0	
	21	1012.3	-	3.6	-	-	-	6.8	0	3	2	7	18	1	0	0	0	0	2	2	5	7	10	5	3	5	14	8	1	3	0	2	13	4	7	1	0	
Kirkwall, Orkney																																						
26	3	1010.4	-	4.2	0.8	7.3	88	6.1	0	4	6	8	13	0	0	0	0	0	0	7	4	15	5	2	7	14	7	1	1	0	4	12	9	2	2	0		
	9	1010.9	+3.8	4.1	0.7	7.3	88	6.1	0	5	4	10	12	0	0	0	0	0	0	7	4	16	3	2	11	14	4	0	1	1	4	12	7	2	3	1		
	15	1010.7	-	4.5	0.8	7.3	86	6.7	0	1	4	16	10	0	0	0	0	0	0	7	7	9	8	2	9	14	4	2	1	1	5	12	5	9	1	0		
	21	1010.1	-	4.1	0.7	7.3	88	6.5	0	3	5	7	16	0	0	0	0	0	0	8	3	15	5	5	6	15	4	1	1	0	6	11	6	5	1	0		
Wick, Caithness																																						
37	3	1010.2	-	4.3	1.0	7.1	85	5.9	1	4	4	14	18	0	0	0	0	0	0	7	6	11	7	0	3	21	7	0	1	0	1	13	7	4	3	2		
	9	1010.6	+3.0	4.2	0.8	7.1	85	6.2	0	4	5	10	11	0	0	0	0	1	0	10	6	11	3	0	6	18	7	0	2	0	3	13	7	2	3	1		
	15	1010.1	-	4.9	1.0	7.3	83	6.6	0	1	5	15	9	1	0	0	1	0	0	2	4	8	10	6	0	7	17	6	1	1	1	4	13	5	4	1	0	
	21	1009.7	-	4.2	0.8	7.2	86	6.6	0	3	2	14	12	0	0	0	0	0	1	5	7	11	7	0	5	14	10	2	1	0	2	14	8	2	2	0		
Cape Wrath, Sutherland (see Introduction)																																						
113	3	1007.5	-	4.6	1.2	6.9	80	5.2	0	7	7	10	7	0	0	0	0	0	0	0	6	25	1	3	10	13	4	0	1	6	10	1	8	0	1	1		
	9	1007.7	-	4.6	1.3	6.7	79	5.9	0	2	8	16	5	0	0	0	0	0	0	3	9	19	3	2	8	17	1	0	1	5	13	2	5	3	1			
	15	1007.6	-	4.6	1.3	6.8	80	5.8	0	2	7	18	4	0	0	0	0	0	0	2	5	24	2	3	6	17	3	1	1	4	16	0	5	1	0			
	21	1006.9	-	4.6	1.2	6.9	81	5.4	0	4	9	13	5	0	0	0	0	0	0	0	1	6	24	1	5	8	15	2	1	1	7	13	0	5	2	0		
Stornoway, Ross & Cromarty																																						
5	3	1007.5	-	5.1	0.9	7.6	85	5.2	2	4	7	9	9	0	0	0	0	0	0	3	9	14	5	0	11	12	6	2	1	0	5	11	4	5	2	1		
	9	1007.9	+0.8	4.9	0.9	7.6	87	5.8	1	5	2	17	6	0	0	0	0	0	0	10	14	5	0	11	12	6	2	1	0	5	11	4	5	2	1			
	15	1007.0	-	5.6	0.9	7.8	85	5.7	0	3	9	13	6	0	0	0	0	0	1	2	5	13	7	1	4	19	6	1	2	0	4	9	8	3	2	2		
	21	1006.8	-	5.1	1.0	7.6	86	4.4	2	11	4	5	9	0	0	0	0	0	0	2	6	20	3	0	3	19	8	1	1	1	4	12	6	4	1	1		
Benbecula, Inverness-shire																																						
7	3	1006.7	-	4.5	0.9	7.3	86	5.5	0	5	9	9	8	0	0	0	0	0	0	3	10	11	7	1	8	12	8	2	0	2	2	8	9	2	5	1		
	9	1007.1	-0.3	4.4	1.0	7.1	84	5.5	0	7	3	18	3	0	0	0	0	0	0	3	10	11	7	1	8	12	8	2	0	2	2	8	9	2	5	1		
	15	1005.8	-	5.4	1.0	7.5	83	5.9	0	4	4	15	8	0	0	0	0	0	0	1	9	17	4	1	5	13	12	0	1	2	3	8	9	5	2	1		
	21	1005.9	-	4.8	1.0	7.3	85	5.7	0	5	6	13	7	0	0	0	0	0	0	4	7	14	6	0	9	12	10	0	0	0	2	3	11	6	7	1	1	
1 SCOTLAND E																																						
Kinloss, Moray																																						
6	3	1009.9	-	3.3	0.9	6.6	84	5.2	2	6	5	10	8	0	0	0	0	0	0	9	9	4	0	1	13	15	2	0	3	4	8	7	5	2	0	1		
	9	1010.2	+1.6	3.6	0.9	6.8	85	5.6	0	6	5	12	8	0	0	0	0	1	0	8	10	7	5	0	6	5	19	1	1	1	6	8	7	5	2	0		
	15	1009.5	-	4.6	1.1	7.0	82	6.1	0	4	3	19	5	0	0	0	0	0	0	1	5	13	3	9	1	3	12	13	2	2	2	5	8	5	6	1	0	
	21	1009.1	-	3.5	0.9	6.8	85	5.8	0	5	7	7	12	0	0	1	0	0	0	0	8	13	7	2	0	4	12	11	4	0	2	9	5	5	5	1	0	
Dyce, Aberdeenshire																																						
59	3	1011.2	-	3.4	0.8	6.9	87	6.0	2	5	0	12	12	0	0	0	0	0	4	10	10	3	4	0	5	13	11	2	1	0	5	8	6	2	3	4		
	9	1011.3	+1.9	3.6	0.8	7.0	87	6.6	0	4	2	7	17	1	0	0	0	1	1	3	11	5	3	4	0	7	11	2	2	0	4	9	6	2	4	1		
	15	1010.7	-	4.3	0.9	7.2	86	6.8	0	1	4	14	12	0	0	0	0	3	4	7	12	2	3	1	5	12	12	1	1	1	5	10	7	1	2	3		
	21	1010.4	-	3.6	0.7	7.1	88	6.8	1	1	3	9	17	0	0	0	0	0	3	3	10	12	1	2	0	9	15	7	0	2	3	8	7	5	2	4		
Fraserburgh, Aberdeenshire																																						
22	3	1011.1	-	4.5	0.5	7.8	91	5.7	0	4	8	9	10	0	0	0	0	2	10	11	8	0	0	1	4	13	13	0	1	1	4	18	2	1	0	0		
	9	1011.2	+2.7	4.6	0.5	7.9	92	6.6	0	1	6	7	17	0	0	0	0	1	1	8	12	9	0	0	7	17	7	0	1	0	5	8	11	3	3	0		
	15	1010.8	-	5.3	0.6	8.1	91	6.4	0	2	6	10	13	0	0	0	0	2	8	13	8	0	0	0	9	11	10	1	1	1	4	9	11	1	3	0		
	21	1010.5	-	4.7	0.5	8.0	93	6.5	0	4	5	6	16	0	0	0	0	0	3	9	13	6	0	1	6	14	10	0	1	0	6	3	19	1	1	0		
Usan, Angus																																						
35	9	1011.6	-	4.4	0.4	8.0	94	6.6	0	2	4	9	16	0	0	0	0	0	0	13	4	5	9	1	7	16	7	0	3	0	4	10	4	4	2	0		
	15	1010.9	-	5.0	0.4	8.2	93	6.6	0	1	6	9	15	0	0	0	1	0	0	12	6	5	7	1	7	14	7	0	3	0	4	4	10	4	4	2		
	21	1010.6	-	4.5	0.3	8.1	95	6.5	0	5	2	7	17	0	0	0	0	0	0	10	7	9	5	5	4	17	5	0	5	0	4	4	12	3	3	0		
Leuchars, Fife																																						
12	3	1010.6	-	3.7	0.6	7.3	90	6.1	1	5	2	7	15	1	0	0	0	1	1	6	13	7	3	0	4	14	12	1	3	1	5	9	3	5	2	2		
	9	1010.9	+0.8	3.6	0.7	7.1	89	6.7	0	3	2	11	15	0	0	0	0	0	1	8	13	8	1	0	3	18	8	2	2	0	6	9	2	6	2	2		
	15	1010.0	-	4.7	0.9	7.4	86	6.4	0	2	6	14	9	0	0	0	0	0	2	7	13	8	1	0	4	13	14	0	4	0	7	10	1	6	3	0		
	21	1009.7	-	3.5	0.6	7.2	90	6.6	0	3	3	8	17	0	0	1	0	3	5	15	5	1	0	5	14	12	0	5	2	3	10	2	5	3	1	1		
Turnhouse, Midlothian																																						
44	3	1010.3	-	3.8	0.9	6.9	84	5.8	0	8	2	5	16	0	0	0	1	0	0	8	16	5	1	0	0	12	11	1	0	2	9	5	4	6	3	1		
	9	1010.7	+0.1	3.7	1.0	6.8	83	6.6	0	2	5	10	14	0	0	0	0	1	1	9	14	5	1	0	0	19	14	5	0	2	9	4	1	4	3	1		
	15	1009.6	-	4.9	1.3	7.0	80	6.4	0	2	3	20	6	0	0	0	0	0	0	2	13	11	5	0	0	1	18	10	2	4	3	9	6	0	6	1		
	21	1009.3	-	3.6	0.8	7.0	86	6.2	1	2	7	8	13	0	0	0	0	0	1	15	10	4	0	0	2	13	13	3	1	2	9	4	7	0	1			
6a SCOTLAND W																																						
Tiree, Argyll																																						
10	9	10																																				



Table 4 Summary of observations at fixed hours

January

1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity			cloud amount					visibility							wind speed and direction																													
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	dewpoint of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW												
								mean	0	1 - 2	3 - 5	6 - 7												8	34 or more	22-33	11-21	1-10									0	calm										
																																							speed (kt)									
																																							number of observations									
6a SCOTLAND W-continued																																																
Eskdalemuir, Dumfriesshire																																																
237	3	1010.7	—	2.1	0.6	6.5	90	6.8	1	2	2	5	19	2	1	0	0	0	0	0	0	0	0	0	0	0	0	2	10	16	3	2	5	2	8	7	1	2	1									
	9	1011.2	-0.1	1.7	0.5	6.4	90	7.0	0	2	3	7	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	10	13	5	0	0	0	0	0	0										
	15	1008.8	—	2.8	0.8	6.6	88	6.4	1	3	4	10	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	11	14	2	0	0	0	0	0	0										
	21	1009.8	—	1.8	0.5	6.5	90	6.3	1	4	1	6	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	12	6	3	4	0	7	4	1	1										
6b ISLE OF MAN																																																
Ronaldsway																																																
21	3	1009.5	—	5.6	1.2	7.5	81	6.2	0	4	5	9	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	9	9	3	0	4	17	10	0	4	2	7	3	7	0	7	1			
	9	1009.9	-1.9	5.4	1.3	7.3	80	6.6	0	2	4	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	15	2	9	0	9	9	13	0	4	1	9	6	3	5	2	1			
	15	1008.2	—	6.0	1.4	7.4	77	6.5	0	4	3	8	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	6	8	7	6	0	8	16	7	0	1	6	10	4	4	3	2	1			
	21	1008.6	—	5.6	1.1	7.6	81	6.7	0	2	4	9	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	9	9	3	0	8	14	9	0	1	3	3	7	6	4	3	0			
Point of Ayr																																																
9	3	1009.4	—	5.4	0.8	7.9	87	5.8	1	6	5	3	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	6	9	9	0	8	18	4	1	1	4	3	8	7	2	4	1		
	9	1009.7	—	5.1	0.7	7.8	88	5.8	0	2	9	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	10	9	1	9	14	7	0	0	5	4	10	5	3	3	1			
	15	1008.3	—	5.9	1.0	7.9	84	6.5	0	2	6	7	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	6	12	4	0	10	15	6	0	1	5	2	11	5	4	2	1		
	21	1008.5	—	5.4	0.9	7.9	87	5.4	2	4	7	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	11	8	0	10	17	4	0	1	5	2	11	3	6	2	1			
2 ENGLAND NE																																																
Acklington, Northumberland																																																
46	3	1011.0	—	3.3	0.5	7.2	92	6.6	1	4	1	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7	9	8	1	0	1	13	14	3	2	2	4	8	6	1	3	2	
	9	1011.4	+0.4	3.3	0.5	7.2	91	6.5	0	4	3	7	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	8	11	3	1	0	1	11	19	0	2	0	7	3	8	3	5	3	
	15	1010.5	—	4.5	0.7	7.6	89	6.7	1	2	3	9	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	6	8	7	5	1	0	3	10	17	1	3	2	5	6	6	3	3	2	
	21	1010.4	—	3.2	0.4	7.3	92	6.6	2	2	3	2	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	14	7	2	1	0	2	12	17	0	4	3	2	5	10	2	4	1	
Tynemouth, Northumberland																																																
40	3	1011.3	—	4.3	0.7	7.5	89	6.5	3	1	2	4	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	13	6	0	2	8	12	8	1	0	3	5	9	3	3	2				
	9	1011.6	+0.1	4.2	0.8	7.3	88	6.6	0	4	3	5	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	6	4	0	0	9	13	8	1	0	2	6	2	11	4	4	1		
	15	1010.7	—	4.9	0.6	7.9	89	6.9	0	1	5	7	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	8	12	0	0	2	7	13	8	1	3	2	6	10	1	5	0			
	21	1010.5	—	4.3	0.5	7.8	91	6.3	3	1	4	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	12	15	1	0	1	10	9	11	0	1	2	4	5	9	5	3	2		
Seahouses, Northumberland																																																
12	3	1010.9	—	4.3	0.8	7.3	87	6.5	0	5	0	7	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	6	7	1	0	7	11	12	1	2	1	4	2	13	2	5	1		
	9	1011.2	—	4.3	0.9	7.3	86	6.7	0	1	7	4	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	8	9	6	1	0	6	14	11	0	2	3	5	2	6	7	6	0	
	15	1010.5	—	5.1	0.9	7.7	86	6.6	0	3	3	9	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	9	6	3	3	1	6	14	10	0	3	3	4	3	7	6	5	0	
	21	1010.1	—	4.3	0.7	7.5	88	6.7	1	1	5	4	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18	5	5	1	0	8	7	16	0	4	2	3	1	11	6	4	0		
Leeming, Yorkshire N.R.																																																
33	3	1011.3	—	3.4	0.7	7.1	89	6.6	2	3	1	1	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	9	3	4	2	0	1	12	17	1	4	3	3	6	10	3	0	1		
	9	1011.7	-0.8	3.1	0.6	7.0	90	6.7	0	4	2	4	19	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5	5	7	2	3	0	1	7	22	1	5	2	2	6	12	1	1		
	15	1010.7	—	4.8	1.0	7.4	85	6.4	0	6	1	7	15	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	7	9	1	2	0	0	14	16	1	5	3	1	6	11	1	3	0	
	21	1010.7	—	3.2	0.5	7.2	91	6.5	2	3	2	3	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	4	4	2	0	2	12	16	1	5	3	1	7	10	2	2	0		
Whitby Coastguard, Yorkshire N.R.																																																
66	3	1011.1	—	3.8	0.5	7.4	91	6.5	2	4	0	5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	20	6	1	0	1	8	13	9	0	1	1	6	8	9	4	1	1		
	9	1011.6	—	3.7	0.5	7.5	93	6.8	0	2	4	6	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	6	0	0	2	4	15	10	0	1	1	6	7	11	1	3	1		
	15	1011.2	—	4.6	0.7	7.7	89	6.3	0	3	5	9	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	11	10	2	0	1	6	12	11	0	1	3	4	9	8	3	2	0		
	21	1011.0	—	3.9	0.6	7.5	91	6.7	3	1	1	5	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	18	7	1	0	1	9	10	11	0	1	5	3	5	8	10	4	1	0	
Kilnsea, Yorkshire E.R.																																																
16	3	1011.4	—	3.8	0.6	7.4	91	6.4	1	4	4	2	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	10	19	0	0	3	11	13	2	2	2	5	2	6	7	2	4	0	
	9	1011.7	-1.1	3.8	0.6	7.4	91	6.7	0	4	2	5	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	17	7	0	0	3	8	15	2	3	1	2	3	7	7	2	3	3	
	15	1011.1	—	4.6	0.7	7.6	88	6.3	1	3	6	4	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6	14	7	0	0	3	10	11	6	1	1	5	3	6	9	2	4	0
	21	1011.1	—	4.1	0.7	7.4	89	6.4	3	1	4	3	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	10	16	0	0	3	10	12	5	1	1	5	3	9	9	2	2	1		
Waddington, Lincolnshire																																																
69	3	1011.3	—	2.9	0.3	7.2	93	6.6	3	2	0	5	18	3	0	1	3	0	3	7	8	8	1	0	0	0	0	0	2	7	8	8	1	0	2	12	17	0	1	3	4	6	8	3	3	3		
	9	1011.8	-1.8	2.7	0.4	7.1	94	6.4	2	3	1	10	12	3	0	4	0	2	1	8	9	5	2	0	0	0	0	0	1	8	7	3	0	0	0	14	16	0	1	2	7	7	5	4	2	3		
	15	1010.9	—	4.1	0.6	7.6	91	6.3	1	5	1	7	16	1	0	0	0	0	0</																													







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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																								
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW							
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	11-21	1-10	0									calm						
																																							speed (kt)					
																																							number of observations					
5 ENGLAND SE- continued																																												
Dungeness, Kent																																												
7	3	1012.2	-	4.1	0.6	7.5	90	5.7	6	1	3	4	17	0	0	0	0	0	0	0	0	0	0	0	0	13	11	5	2	2	2	8	8	13	0	0	3	2	5	9	1	5	6	3
9	1012.5	-	4.0	0.6	7.6	90	5.9	0	3	1	11	16	0	0	0	0	0	0	0	2	14	10	5	0	2	14	10	16	3	0	1	6	9	15	0	3	4	4	3	9	3	2	3	
15	1011.7	-	5.6	0.9	8.0	87	6.6	0	4	1	10	16	0	0	0	0	0	0	0	2	10	16	3	0	1	14	10	16	3	0	1	6	9	15	0	3	4	4	3	9	3	2	3	
21	1012.0	-	4.5	0.6	7.7	90	6.3	5	1	1	3	21	0	0	0	0	0	1	3	8	12	5	2	1	8	9	12	1	2	1	8	9	12	1	2	1	4	5	9	2	5	2		
Manston, Kent																																												
45	3	1012.4	-	3.2	0.6	7.1	90	6.6	1	2	4	7	17	0	0	0	1	0	2	5	14	4	4	1	0	1	0	1	0	1	0	1	15	13	2	1	2	6	4	7	1	8	0	
9	1012.7	-	3.2	0.5	7.2	91	6.4	0	5	1	11	14	0	0	0	0	0	4	3	18	4	4	1	1	0	5	8	18	0	1	3	5	8	18	0	1	3	5	8	3	4	2		
15	1011.9	-	4.6	0.8	7.5	87	6.7	0	4	1	9	16	1	0	0	0	1	0	1	7	14	3	4	1	0	3	11	15	2	0	3	11	15	2	0	4	2	6	9	1	6	3		
21	1012.3	-	3.5	0.7	7.1	88	6.4	1	4	3	7	16	0	0	0	0	0	3	3	14	8	3	0	0	2	17	10	2	2	2	2	17	10	2	2	2	3	4	10	2	3	3		
Thorney Island, Sussex																																												
4	3	1011.7	-	4.2	0.5	7.8	92	6.3	3	2	3	4	19	0	0	0	1	0	4	6	8	9	3	0	0	1	13	17	0	4	6	4	3	7	18	0	4	6	4	3	7	1	3	3
9	1012.1	-3.5	4.2	0.4	7.8	92	6.1	1	4	4	7	15	0	0	0	0	1	0	7	11	6	4	2	0	1	12	18	0	4	3	7	4	6	1	12	18	0	4	3	7	1	5	6	
15	1011.2	-	5.9	0.9	8.1	85	6.8	0	1	3	15	12	0	0	0	0	0	1	3	13	2	10	2	0	2	15	14	0	2	5	4	5	4	3	2	5	4	5	4	3	2	5	2	
21	1011.7	-	4.6	0.7	7.8	89	6.0	2	3	5	5	16	0	0	0	0	0	5	6	9	7	4	0	0	2	15	12	2	5	4	3	5	4	2	5	4	3	5	4	2	4	2		
Eastbourne Coastguard, Sussex																																												
7	9	1011.9	-3.6	4.2	0.6	7.6	90	6.9	0	1	2	13	15	0	0	0	0	3	4	17	5	2	0	0	8	6	12	5	5	2	3	2	8	6	12	5	5	2	3	2	8	2	1	3
15	1011.1	-	5.9	1.0	8.0	86	6.9	0	1	5	5	20	0	0	0	0	2	1	19	6	3	0	1	5	11	11	3	5	2	4	0	11	3	2	4	0	11	3	2	1	3			
21	1011.4	-	5.1	0.8	7.8	87	6.0	5	0	5	1	20	0	0	0	0	0	0	2	16	11	2	0	1	5	10	10	5	3	2	3	3	8	2	3	3	8	2	3	2				
Abingdon, Berkshire																																												
71	3	1011.4	-	3.3	0.5	7.3	92	6.2	5	1	1	4	20	0	0	0	0	0	3	10	5	9	4	0	0	0	10	17	4	4	3	7	3	6	0	3	6	0	2	2	2			
9	1012.0	-2.9	3.2	0.5	7.3	92	6.1	0	6	3	6	16	0	0	0	1	0	6	4	10	6	1	2	0	0	8	20	3	2	3	6	6	3	2	2	3	6	3	2	4				
15	1010.8	-	5.4	1.1	7.6	83	6.9	0	1	2	15	13	0	0	0	1	0	0	2	7	7	6	6	2	0	11	19	1	1	4	4	5	6	3	3	4	5	6	3	4				
21	1011.3	-	3.6	0.6	7.3	90	6.7	2	1	2	5	21	0	0	0	0	1	1	9	8	11	0	1	0	0	8	21	2	4	2	6	5	6	1	3	2	6	1	3	2				
Hurn, Hampshire																																												
14	3	1011.3	-	4.4	0.5	7.9	90	6.6	2	2	1	7	19	0	0	0	0	1	8	9	10	3	0	0	1	7	18	5	5	2	4	3	6	2	3	1	6	2	3	1				
9	1011.8	-3.4	4.1	0.5	7.7	90	6.5	0	4	2	7	17	1	0	0	0	1	1	10	7	9	3	0	0	1	8	18	4	3	6	3	5	5	1	2	2	5	1	2	2				
15	1010.8	-	6.1	1.0	8.1	84	6.8	0	1	3	14	13	0	0	0	0	0	1	7	9	11	3	0	0	1	12	18	0	3	6	2	6	5	3	3	3	6	5	3	3				
21	1011.3	-	4.9	0.9	7.7	87	6.3	4	2	1	4	20	0	0	0	0	0	0	11	7	10	3	0	0	0	14	11	6	1	3	4	3	6	2	5	1	6	2	5	1				
South Farnborough, Hampshire																																												
70	3	1011.5	-	3.4	0.4	7.4	92	6.5	4	1	1	4	21	0	0	0	0	1	2	7	11	5	4	1	0	0	10	16	5	3	2	7	2	7	1	4	0	3	2	0				
9	1012.1	-3.1	3.6	0.4	7.5	92	6.4	1	3	3	7	17	0	0	0	0	1	5	6	9	4	5	1	0	0	8	19	4	2	2	6	7	3	2	3	2	3	0	2					
15	1011.0	-	5.4	1.0	7.8	85	6.4	0	4	2	13	12	0	0	0	0	0	1	4	11	6	6	3	0	0	13	18	0	2	4	6	6	4	1	4	4	1	4	4					
Lyneham, Wiltshire																																												
149	3	1011.2	-	3.6	0.5	7.4	91	6.4	3	1	2	7	18	0	0	0	0	2	4	6	8	4	7	0	0	1	11	18	1	2	7	3	11	3	0	1	3	0	1					
9	1011.7	-3.2	3.1	0.4	7.2	92	6.4	0	5	2	7	17	0	0	0	1	2	5	3	8	6	4	2	0	0	13	17	1	2	4	3	7	4	4	3	7	4	3	3					
15	1010.5	-	4.8	0.9	7.6	87	7.0	0	1	2	13	15	0	0	0	0	1	2	6	10	4	7	1	0	1	14	16	0	2	5	2	6	7	3	4	2	7	3	4	2				
21	1011.0	-	3.7	0.6	7.3	89	6.5	3	1	2	7	18	0	0	0	0	3	0	5	12	7	4	0	0	2	12	15	2	1	5	3	6	7	4	2	1	4	2	1					
Boscombe Down, Wiltshire																																												
128	3	1011.2	-	3.5	0.4	7.6	93	6.3	4	1	2	4	18	2	0	0	0	3	3	2	8	13	2	0	0	1	11	16	3	3	3	5	4	7	2	2	2	2	2					
9	1011.7	-3.5	3.3	0.5	7.4	92	6.7	0	3	3	5	20	0	0	0	0	2	6	5	6	9	2	1	0	1	11	16	3	1	4	5	6	5	1	3	3	4							
15	1010.5	-	5.1	0.9	7.8	87	7.1	0	0	4	10	17	0	0	0	0	0	2	7	8	4	2	0	1	15	15	0	3	2	6	4	8	1	3	1	4	1	4						
21	1011.1	-	3.8	0.6	7.4	90	6.3	3	2	2	4	20	0	0	0	1	0	2	4	10	13	1	0	0	1	14	13	3	2	3	4	4	6	3	5	1	6	3	5	1				
Upavon, Wiltshire																																												
177	9	1011.3	-	2.9	0.4	7.3	94	6.5	0	4	3	8	16	0	0	1	1	1	4	6	7	5	6	0	0	12	13	6	1	5	2	8	6	0	2	1	3	1	3					
15	1010.1	-	4.4	0.6	7.7	90	6.8	0	1	3	12	15	0	0	0	0	1	1	5	14	5	3	2	0	1	15	12	3	0	5	2	7	8	3	1	3	2	3						
21	1010.8	-	3.3	0.4	7.3	92	6.7	2	2	1	5	21	0	0	0	1	0	3	4	10	6	7	0	0	2	13	12	4	3	1	3	5	7	8	2	3	2	3						
7a ENGLAND NW																																												
Carlisle, Cumberland																																												
28	3	1010.5	-	3.8	0.7	7.1	87	5.8	3	4	2	10	12	0	0	0	0	0	1	16	12	2	0	0	0	8	22	1	1	6	5	9	5	1	3	0	0							
9	1011.0	-0.4	3.5	0.8	6.9	87	5.9	0	6	3	13	9	0	0	0	0	0	0	0	12	14	5	0	0	0	7	19	5	1	2	7	9	2	4	1	0	0							
15	1009.8	-	5.0	1.0	7.4	83	6.2	1	1	8	10	11	0	0	0	0	0	0	2	10	14	5	0	0	0	12	19	0	3	4	11	7	1	3	2	0	0							
21	1009.7	-	3.7	0.7	7.1	87	6.1	4	2	2	7	16	0	0	0	0	0	0	2	15	14	0	0	0	0	10	18	3	2	6	6	5	4	4	1	0	0							
Squires Gate, Lancashire																																												
11	3	1010.6	-	3.9	0.5	7.5	91	6.1	2	2	6	8	13	0	0	0	0	2	6	8	9	6	0	0	1	18	12	0	1	5	6	10	4	1	2	2	2							
9	1011.1	-1.6	3.6	0.5	7.4	92	6.1	0	5	3	12	11	0	0	0	1	0	11	3	12	4	0	0	1	15																			



Table 4 Summary of observations at fixed hours

January 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW		
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	11-21	1-10	0									calm	
																																							speed (kt)
8a SOUTH WALES - continued																																							
Rhoose, Glamorgan 69	3	1010.7	-	4.2	0.5	7.7	90	6.1	2	4	1	7	17	0	0	0	1	1	0	2	12	8	7	0	0	0	12	17	2	1	7	7	2	2	3	3	4		
	9	1011.1	-3.8	4.2	0.6	7.6	90	6.2	1	4	1	12	12	1	0	0	1	0	1	4	12	5	5	2	0	0	13	17	1	1	6	7	10	1	4	1			
	15	1009.8	-	5.7	1.0	7.9	84	6.5	0	4	2	9	16	0	0	0	0	0	1	3	12	9	5	1	0	0	14	14	1	1	6	10	7	3	4	4			
	21	1010.4	-	4.5	0.8	7.5	88	6.7	0	4	1	10	16	0	0	0	0	0	1	3	11	7	9	0	0	0	17	10	3	2	6	6	4	4	2	2			
Yeovilton, Somerset 23	3	1011.2	-	4.5	0.6	7.8	90	5.9	3	2	5	5	16	0	0	0	0	0	2	10	17	2	0	0	0	4	11	8	8	2	4	4	1	5	6	1			
	9	1011.5	-	4.6	0.6	7.9	90	6.3	0	2	8	7	14	0	0	0	0	1	0	10	12	8	0	0	0	3	13	8	7	1	3	3	6	5	2	0			
	15	1010.5	-	6.5	1.2	8.1	82	6.8	0	1	5	10	15	0	0	0	0	0	0	8	12	9	2	0	0	5	15	9	2	2	3	3	6	7	1	4			
	21	1011.0	-	4.8	0.9	7.6	86	6.7	2	0	5	5	19	0	0	0	0	0	2	6	19	4	0	0	0	3	13	8	7	2	3	2	5	8	3	0			
Portland Bill Coastguard, Dorset 54	3	1010.8	-	6.2	0.7	8.7	90	6.6	0	2	5	8	16	0	0	0	1	0	0	4	13	6	7	0	1	4	19	6	1	2	5	4	3	6	4	2			
	9	1011.6	-	5.9	0.6	8.6	90	6.5	0	4	1	15	11	0	0	0	0	0	2	16	7	5	1	1	6	12	11	1	3	6	2	6	4	3	5	2			
	15	1010.2	-	6.3	0.8	8.5	87	6.7	0	2	5	9	15	0	0	0	0	0	6	12	8	5	0	1	8	11	10	1	1	7	1	5	6	2	4				
	21	1010.7	-	6.1	0.7	8.6	89	6.3	3	3	1	5	19	0	0	0	0	0	2	15	8	6	0	0	8	13	10	0	3	5	2	5	5	4	4	3			
Hartland Point, Devon 93	3	1010.2	-	5.8	0.8	8.2	86	5.3	0	9	5	5	11	1	0	0	0	1	0	0	2	16	9	3	2	6	12	10	1	0	4	3	6	6	2	6	3		
	9	1010.6	-	5.4	0.7	8.1	88	6.5	0	0	8	11	12	0	0	0	0	0	0	5	17	6	3	1	7	12	10	1	0	3	5	5	6	3	6	3			
	15	1010.0	-	6.3	1.0	8.3	85	6.5	0	1	6	12	12	0	0	0	0	0	0	2	20	6	3	1	6	12	11	1	0	3	4	4	8	3	5	3			
	21	1009.4	-	5.9	0.8	8.3	87	5.3	3	2	9	8	9	0	0	0	0	0	0	2	19	8	2	1	8	9	13	0	1	3	3	7	3	6	5	3			
Mount Batten, Devon 30	3	1010.7	-	5.6	0.9	8.1	86	5.0	4	7	4	2	14	0	0	0	0	0	0	2	11	18	0	0	0	3	6	16	6	1	4	3	3	5	4	3	2		
	9	1010.0	-4.2	5.3	0.8	8.0	87	6.3	0	3	7	7	14	0	0	0	0	0	0	5	10	8	8	0	0	3	9	14	5	1	4	4	3	8	2	1			
	15	1009.7	-	7.2	1.4	8.3	80	6.3	1	2	4	11	13	0	0	0	0	0	0	4	13	6	6	2	1	6	10	12	2	2	4	5	5	2	3	3			
	21	1010.9	-	6.0	1.0	8.2	85	5.8	1	4	5	13	8	0	0	0	0	0	0	5	14	12	0	0	0	4	10	16	1	2	1	7	5	4	5	4			
Chivenor, Devon 7	3	1010.4	-	5.3	0.9	7.9	86	6.0	1	3	6	10	11	0	0	0	0	0	0	2	9	13	6	1	0	1	10	18	2	1	2	13	2	3	3	2	3		
	9	1010.6	-3.9	5.0	0.8	7.7	87	6.6	0	1	5	12	13	0	0	0	0	0	0	5	4	9	11	2	0	2	9	18	2	0	2	13	7	2	1	1			
	15	1009.3	-	7.0	1.4	8.2	79	6.5	0	2	4	14	11	0	0	0	0	0	1	9	10	9	2	0	4	15	11	1	1	2	10	6	3	1	4	3			
	21	1009.9	-	5.6	0.9	8.0	86	6.1	2	2	4	12	11	0	0	0	0	0	1	2	10	11	6	1	0	2	11	15	3	1	1	8	6	5	3	2			
Prawle Point, Devon -	3	-	-	-	-	-	-	5.5	2	6	5	3	15	0	0	0	0	0	0	1	16	12	2	0	3	7	13	8	0	6	1	4	3	5	4	5	3		
	9	-	-	-	-	-	-	6.4	0	2	6	9	14	0	0	0	0	0	0	0	18	11	2	0	1	7	15	8	0	3	2	4	3	10	0	7			
	15	-	-	-	-	-	-	6.6	0	0	8	9	14	0	0	0	0	0	1	2	13	13	2	0	4	9	9	1	1	4	2	3	9	1	8	2			
	21	-	-	-	-	-	-	5.5	2	5	5	6	13	0	0	0	0	0	1	0	16	12	2	0	4	7	14	4	2	5	3	3	3	6	5	1			
Exeter, Devon 38	3	1010.8	-	4.5	0.6	7.8	90	5.7	1	6	4	7	13	0	0	0	0	1	2	9	9	9	1	0	2	8	15	6	3	5	2	8	4	0	1	2			
	9	1011.2	-3.9	4.4	0.7	7.7	90	6.4	0	2	6	11	12	0	0	0	0	1	4	8	6	9	3	0	2	8	15	6	2	7	2	7	5	0	1				
	15	1009.9	-	6.3	0.9	8.4	86	6.7	0	3	2	10	16	0	0	0	0	0	5	7	9	6	4	0	4	10	14	3	1	5	1	10	4	1	3				
	21	1010.6	-	4.9	0.7	8.0	89	6.4	3	1	1	11	15	0	0	0	0	3	0	10	11	7	7	0	0	1	11	14	5	0	4	3	9	6	0	3			
Scilly, Cornwall 61	3	1009.4	-	7.3	1.0	8.8	85	5.7	0	6	6	4	15	0	0	0	0	0	0	10	9	6	6	0	3	15	11	2	3	2	3	5	5	3	4	4			
	9	1009.7	-4.6	7.4	1.3	8.5	80	6.3	0	1	9	10	11	0	0	0	0	1	0	10	10	8	2	0	7	8	15	1	3	1	5	1	8	3	4	5			
	15	1008.8	-	8.0	1.4	8.7	80	6.3	0	3	4	13	11	0	0	0	0	0	0	14	8	6	3	0	4	15	11	1	4	2	2	4	3	7	3				
	21	1009.8	-	7.4	1.2	8.7	83	4.7	0	10	8	1	12	0	0	0	0	0	1	8	10	7	5	0	6	10	12	3	2	0	4	1	7	5	5	4			
Gwennap Head, Cornwall 70	3	1009.7	-	6.8	0.4	9.4	93	5.4	1	9	3	4	14	0	0	0	0	0	0	3	9	13	0	2	10	10	8	1	1	7	2	3	4	7	4	2			
	9	1009.5	-	7.1	0.6	9.4	90	6.3	0	2	7	6	16	0	0	1	0	0	2	13	5	10	3	8	12	6	2	0	5	2	2	7	3	7	3	2			
	15	1008.7	-	7.7	0.7	9.5	89	6.0	1	0	9	12	9	0	0	0	0	0	0	14	9	8	0	2	11	13	5	0	0	2	5	2	3	8	6	5			
	21	1009.6	-	7.1	0.6	9.4	91	5.0	1	4	11	6	9	0	0	0	0	0	0	6	15	10	0	4	9	13	5	0	1	4	4	3	10	5	2				
St Mawgan, Cornwall 107	3	1010.4	-	5.0	0.8	7.9	87	5.4	2	6	5	5	13	0	0	0	0	0	2	9	12	8	0	0	4	14	12	1	1	4	3	7	5	5	2	3			
	9	1010.4	-4.1	5.2	0.8	8.0	88	6.3	0	3	5	15	7	1	0	0	1	1	0	9	16	3	1	0	5	14	11	1	5	3	5	9	1	4	3				
	15	1009.3	-	6.7	1.1	8.3	82	6.4	1	2	3	16	9	0	0	0	0	0	2	15	7	7	0	0	6	17	7	1	1	1	6	4	6	4	2	6			
	21	1010.1	-	5.7	0.9	8.1	85	6.1	1	2	5	14	9	0	0	0	0	0	2	12	13	4	0	1	3	11	15	1	2	1	6	4	7	3	5	2			
NORTHERN IRELAND																																							
Moneydig, Co Londonderry 35	9	1008.5	-	2.5	0.5	6.9	91	6.2	0	3	5	15	7	1	0	0	1	0	0	3	12	8	7	0	0	1	9	18	3	1	0	4	4	0	3	3			
	15	1006.9	-	4.6	0.7	7.6	88	6.3	0	3	6	10	11	1	0	0	0	1	0	6	9	6	9	0	0	1	13	16	1	2	0	4	8	7	0	3			
	21	1007.2	-	3.6	0.5	7.4	91	6.2	1	2	3	18	7	0	0	0	1	0	0	5	12	9	4	0	0	1	9	21	0	2	0	7	7	4	3	1			
	73	3	1008.8	-	3.9	0.6	7.3	89	5.8	3	2	5	13	7	1	0	1	0	0	4	5	14	5	2	0	0	1	12	17	1	3	2	5	6	8	5	0		
Aldergrove, Co Antrim 73	9	1009.0	-2.1	3.7	0.8	7.0	87	6.4	0	3	4	13	10	1	0	0	1	0	0	3	4																		







Table 6 Summary of autographic records of wind

January 19 1972

District, county and place		height of vane (metres)		distribution of hourly mean values of wind speed								mean hourly wind speed (kt)	highest velocities								
		above MSL	above ground	effective height	34 kt or more (gale force)			22-33 kt		11-21 kt	4-10 kt		less than 4 kt	no record	highest hourly wind			highest gust			
					dates of occurrence	duration (hours)	no. of days	duration in hours	veer from N	speed (kt)	hour ended at day		hour		veer from N	speed (kt)	day and time				
3	ENGLAND E— continued																				
	Bedford Bedford ..	94	13	9	0	6	38	318	314	44	30	11.4	320	31	27	12	330	53	27	1325	
	Cardington ..	69	41	41	0	7	38	346	286	74	0	11.1	220	28	26	18	230	52	28	1845	
	Hertford Garston ..	94	15	10	0	1	72	461	210	0	0	5.9	320	22	27	12	330	48	27	1420	
	Rothamsted ..	141	13	10	0	1	121	384	238	0	0	6.4	320	22	27	11	320	48	27	1045	
	Essex Stansted ..	108	10	10	0	1	15	292	365	72	0	9.6	320	29	27	14	210	47	27	1235	
	Shoeburyness ..	36	32	28	27	3	18	181	267	213	80	0	14.4	300	36	27	11	300	61	27	1040
4	MIDLAND COUNTIES																				
	Yorks W.R. Sheffield ..	162	25	11	0	1	1	39	335	337	32	4.5	340	22	27	15	300	44	27	1010	
	Church Fenton ..	18	10	10	0	3	22	286	346	90	0	9.7	310	30	27	01	310	47	27	0025	
	Nottingham Watnall ..	130	13	10	0	1	3	274	384	83	0	9.1	330	24	27	13	310	45	27	1005	
	Finningley ..	19	10	10	0	2	18	227	371	128	0	8.7	280	26	26	21	340	43	27	1150	
	Rutland Cottesmore ..	143	13	13	0	2	27	367	327	23	0	11.5	320	31	27	12	320	45	27	1115	
	North-ampton Wittering ..	83	10	10	0	5	24	307	338	75	0	10.4	320	28	27	12	310	56	27	1015	
	Warwick Edgbaston ..	196	36	22	0	3	17	216	427	84	0	8.8	320	30	27	13	320	48	27	1150	
	Elmdon ..	105	10	10	0	4	19	240	373	112	0	9.0	330	29	27	11	290	55	24	1110	
	Oxford Brize Norton ..	91	13	10	0	2	6	286	347	105	0	9.3	320	26	27	16	250	44	26	1800	
	Stafford Keele ..	215	15	10	0	1	14	203	374	153	0	7.8	330	26	27	14	330	50	27	1405	
	Worcester Pershore ..	47	10	10	0	6	29	325	309	81	0	10.8	330	30	27	16	320	51	27	1510	
	Gloucester Avonmouth ..	28	19	10	0	9	56	270	350	65	3	10.6	240	29	26	18	250	50	26	1650	
	Fairford ..	88	10	10	0	4	17	271	347	109	0	9.6	250	28	26	18	260	44	26	1755	
5	ENGLAND SE																				
	Greater London Weather Centre	93	70	38	0	1	1	311	403	29	0	10.0	310	22	27	13	250	40	26	1855	
	London Heathrow ..	34	10	10	0	1	6	251	426	61	0	8.7	300	23	27	11	270	46	26	1910	
	Hampton ..	42	31	30	0	2	7	217	322	198	0	7.7	250	25	26	20	250	51	26	1930	
	Kew ..	28	23	15	0	0	0	170	327	247	0	6.7	320	19	27	16	250	50	26	1850	
	Surrey Gatwick ..	69	10	10	0	3	19	270	296	159	0	8.9	260	25	26	20	270	45	26	1940	
	Kent Isle of Grain ..	15	12	10	0	5	50	298	227	169	0	10.0	290	31	27	11	280	52	27	1255	
	Dungeness ..	16	10	10	0	15	151	266	294	33	0	13.5	200	31	19	07	360	46	27	2110	
	Dover ..	21	12	19	27	1	8	89	315	267	72	0	12.2	020	36	27	20	300	51	27	1010
	Manston ..	61	17	17	27	0	7	36	327	275	106	0	10.9	260	30	26	20	270	48	26	1935
	Sussex Thorney Island ..	16	10	10	0	0	0	231	356	157	0	7.8	240	21	26	17	260	38	26	2030	
	Berkshire Abingdon ..	90	12	12	0	4	13	269	302	160	0	9.0	320	25	27	18	330	40	27	1735	
	Hampshire Hurn ..	23	13	11	0	13	73	299	328	44	0	11.7	310	28	27	17	310	44	27	1425	
	Calshot ..	15	13	10	0	1	1	238	351	154	0	8.0	320	22	27	17	250	50	26	1910	
	R.A.E. Farnborough	75	10	—	0	5	44	266	334	100	0	10.0	040	27	28	08	260	69	26	1855	
	Wiltshire Larkhill ..	145	13	10	0	8	41	333	277	93	0	11.2	280	32	26	19	280	54	26	1830	
	Boscombe Down	130	16	16	0	10	50	298	285	111	0	10.8	270	30	26	19	280	55	26	1835	
	Porton ..	120	10	10																	
7a	ENGLAND NW																				
	Cumberland Sellafield ..	25	12	11	0	11	43	319	257	107	18	11.1	120	33	12	13	120	45	10	1710	
	Carlisle ..	41	13	9	0	3	7	271	380	86	0	8.9	210	23	23	16	220	40	11	1935	
	Spadeadam ..	292	16	15	0	4	13	277	416	38	0	10.3	170	26	12	20	180	45	12	1945	
	Westmorland Great Dun Fell ..	857	10	10	10,11,12,13,14,15,16,17,18,19,22,23,26,27,28,29	111	26	236	243	55	9	0	23.7	060	51	28	13	210	64	23	1705
	Moor House ..	597	15	14																	
	Lancashire Squires Gate ..	26	16	11	0	9	44	404	284	12	0	12.3	270	29	26	17	300	49	26	1650	
	Aigburth ..	38	23	11	0	6	21	276	387	51	9	9.9	260	26	26	17	010	48	27	1200	
	Southport ..	19	14	11	0	3	26	219	340	156	3	8.3	320	33	27	01	250	52	26	1655	
	Fleetwood ..	34	15	9	0	2	21	272	310	141	0	9.2	310	32	26	19	310	48	26	1650	
	Speke ..	30	10	10	0	7	42	397	254	51	0	11.9	270	30	26	17	310	48	26	2230	
	Manchester Weather Centre ..	82	45	17	0	1	2	271	419	54	0	9.3	220	24	26	17	260	42	26	1740	
	Ringway ..	80	10	10	0	3	7	335	312	90	0	9.8	240	25	26	17	270	37	26	1655	
7b	NORTH WALES																				
	Anglesey Valley ..	26	16	12	10, 11, 12, 18, 23, 26, 27	42	18	121	306	221	54	0	15.2	170	43	12	16	170	61	12	1550
8a	SOUTH WALES																				
	Cardigan R.A.E. Aberporth	144	10	10	26, 27	24	15	118	404	158	40	0	15.2	320	39	27	02	330	57	27	1514
	Pembroke Milford Haven																				
	Conservancy Board	47	10	10																	
	Glamorgan Port Talbot ..	28	12	11																	
	Rhoose ..	77	10	10																	
8b	ENGLAND SW																				
	Dorset Portland Bill Coastguard	60	13	13	26, 27	16	17	142	371	192	23	0	15.3	290	40	26	19	290	63	26	1730
	Devon Mount Batten ..	64	13	13	11, 26	6	12	77	268	283	110	0	11.2	190	36	11	08	300	61	26	2200
	Chivenor ..	19	13	10		0	7	51	273	355	65	0	10.5	310	33	26	23	290	66	26	1940
	Cornwall Scilly ..	70	20	17	26	7	17	114	283	230	110	0	12.8	310	37	26	18	320	69	26	1855
	Lizard ..	96	23	18	11,12,23,24,26,27,31	31	17	182	365	136	14	16	17.7	180	40	11	12	280	62	26	1800
	St Mawgan ..	120	13	13	11,26,27	9	16	113	350	243	29	0	13.7	300	36	26	22	300	58	26	1825
	NORTHERN IRELAND																				
	Londonderry Coleraine University	33	10	10		0	5	22	265	251	169	37	9.0	330	25	27	06	330	45	27	0445
	Antrim Aldergrove ..	80	10	10		0	4	16	343	273	112	0	10.4	340	28	27	14	340	47	27	0850
	Ballypatrick Forest	166	13	13		0	16	110	450	155	29	0	14.7	120	31	31	23	350	51	27	0530
	Belfast Harbour ..	21	18	18		0	12	68	424	136	86	30	12.7	330	31	27	15	340	50	27	1105
	Down Kilkeel ..	35	18	14	10, 18	2	15	119	344	226	27	26	13.9	160	35	18	17	310	53	27	1245
	Orlock Head ..	51	16	12	26, 27	15	18	153	458	109	9	0	16.4	330	41	27	10	320	63	27	0600
	Armagh Portadown ..	26	10	10	Defective record																
	Tyrone Carrigans ..	129	10	10	Defective record																
	Fermanagh Castle Archdale Forest	80	13	13		0	2	7	292	244	177	24	8.4	150	25	18	14	310	46	27	1100
	CHANNEL ISLES																				
	Jersey Airport ..	98	18	12	26, 27	19	10	53	331	257	84	0	12.1	310	40	27	02	320	61	27	0310



Table 3 Additions and corrections

Year	Month	Station	max. terminal h (GMT) min.	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
					max. (a)	min. (b)			max.	date	min.	date					0.2 mm or more	1.0 mm or more																
1971	February	Ilfracombe			-	-	-	-	-	-	-	-	-	-	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	March	Belfast Malone			8.7	3.7	6.2	-0.9	14.8	28	-1.0	5	-	6.7	115	176	30	19	15	14	5	0	4	0	1	0	3	8	-	1	2.03	52	S	
		Ilfracombe			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	April	Aber			11.7	5.2	8.5	-0.3	17.2	22	0.7	28	-	8.2	64	108	32	23	8	6	0	0	0	0	1	0	11	-	0	4.44	84	-		
		Ilfracombe			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Worthing			11.5	5.2	8.3	-	19.9	21	-0.2	29	9.3	-	42	-	18	23	6	4	0	0	0	0	0	1	7	-	0	5.65	91	-		
	May	Usk			-	-	-	-	-	-	-	-	-	-	40	60	10	29	9	8	-	-	-	-	-	-	-	-	-	-	-	-		
		Ilfracombe			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	July	Birmingham KES			(22.6)	-	(17.5)	-	27.8	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Ilfracombe			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	August	Ceinws			(19.3)	(11.1)	(15.2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Cheltenham			-	-	-	-	-	-	-	-	-	-	92	155	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Birmingham KES			(20.2)	11.7	(15.9)	-	23.6	11	-	-	-	-	135	229	40	9	19	13	-	-	-	-	-	-	-	-	-	-	-	-		
		Moreton Morrell			-	-	-	-	-	-	-	-	-	-	107	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Mansfield			-	-	-	-	-	-	-	-	-	-	82	147	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Sutton Bonington			-	-	-	-	-	-	-	-	-	-	20	37	12	24	6	5	0	0	0	0	0	0	0	1	-	0	6.29	-	-	
	September	Burlingham			19.1	9.6	14.3	-	22.9	2	4.1	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Boxworth			19.8	-	14.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Penkridge			-	(8.5)	(13.5)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Grizedale			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		John O'Groats			-	9.0	12.1	-	-	-	4.3	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Glen Etive			-	-	-	-	-	-	-	-	-	-	104	-	(14)	14	19	17	-	-	-	-	-	-	-	-	-	-	-	-		

Table 4 Additions and corrections

Year	Month	mean pressure		mean temperature and humidity			cloud amount					visibility										wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured											beaufort force																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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THE METEOROLOGICAL OFFICE

## MONTHLY WEATHER

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY STATIONS



MET, 0.852

UDC 551 506 (41-4)

FEBRUARY 1972

VOLUME 89

NUMBER 2

## Changeable and dull

Relatively low pressure predominated over the British Isles although an anticyclonic spell in the north from the 18th to 25th extended to all areas during the period 21st to 24th. During the first half of the month troughs of low pressure frequently crossed all districts. From the 1st to 4th a large area of intense low pressure was situated just to the west of the British Isles whilst on the 15th and 16th a deep depression became centred over northern England.

## Weather

The month was changeable and dull and it began with 4 stormy days in Wales and western England. Snow fell widely on the 1st while on the 2nd/3rd rough seas breached sea defences near Portland (Dorset), telephone and power cables were brought down near Seaton (Devon) and swollen rivers led to flooding in a number of areas.

## Wind

The number of days with gales reported was a little above average on the Cornish coast and also in parts of the Hebrides, but over most of Scotland it was generally below average. Although the remainder of the United Kingdom had gales reported on about the average number of days, winds during the month were often strong and gusty. On the 2nd gusts of 50 kt or more were recorded in areas as far apart as Northern Ireland, east Scotland and the Channel Islands; a gust of 72 kt occurred at Gwennap Head (Cornwall). The 12th was very gusty in western areas and the 15th and 16th were very windy nearly everywhere with local gales. During the latter half of the month winds were generally easterly and they were occasionally strong on the North Sea coast. Southerly winds reached gale force locally in western areas on the last 2 days.

## Temperature

Monthly mean temperature in most areas was near or a little above average and in parts of south-east England it reached about 1 degC above average. The very low temperature of the last few days of the previous month continued on the 1st in most districts. On the morning of the 1st a minimum temperature of  $-18.3^{\circ}\text{C}$  was recorded at Corbridge (Northumberland) and Leuchars (Fife) with a minimum temperature of  $-13.2^{\circ}\text{C}$  had its coldest February night since records began in 1922. However, during the 1st it became mild in south-west England and over the next few days temperatures everywhere rose gradually. Except for a cold spell around the 20th, particularly in southern England, there were no noteworthy departures from average during the remainder of the month. Nevertheless, frost was a frequent occurrence at night, especially in Scotland, although it was mainly slight.

## Rainfall

Although rainfall (including melted snow) over the United Kingdom as a whole was close to

average there were marked departures from average in many areas. Parts of southern England and eastern Scotland had more than twice the average; Glamis Castle (Angus) recorded its wettest February since 1925. On the other hand half the average rainfall or less occurred in much of north and west Scotland, and in parts of north-west and east England. During the first half or so of the month belts of rain frequently crossed all areas, often followed by showers which were occasionally thundery, but by comparison the last 13 days were relatively dry. However, the 18th was wet in southern England and on the 27th heavy rain-fall occurred locally in the Mourne Mountains in Co. Down. On this latter occasion the orographic effect of the mountains led to 'daily' rainfalls of 85.0 mm and 82.0 mm respectively at Foffany reservoir and Spelga Dam which are situated about 300 metres above sea level in the northern part of the mountains. These amounts contrasted sharply with rain-falls of 20-30 mm or less at lower levels elsewhere in the area.

## Snow

Snow or sleet (rain or drizzle and snow) fell on far fewer days than average everywhere. The main occurrence of snow was on the 1st and 2nd when an area of snow or sleet moved north-eastwards across most districts. Snow settled widely but it did not lie for any length of time away from hilly areas. Heaviest snow fell on high ground and fresh snowfalls of 10-15 cm occurred in parts of Lancashire, the north Midlands and the Scottish Highlands. By the 2nd snow depths reached 20 cm in some

northern areas and 30 cm in parts of the Grampians; strong winds led to much drifting in northern England. Further occurrences of snow or sleet were reported at times during the third week, mainly over high ground in northern and western districts.

## Sunshine

Sunshine amounts nearly everywhere were below average and many areas were very dull. Less than 70 per cent of average sunshine occurred over wide regions and less than half the average was recorded in most of east Scotland, north-east England and in a number of localities elsewhere. It was the dullest February at Arbroath (Angus) and Perth since 1923, Stirling since 1936, Askham Bryan (West Riding of Yorkshire) and Durham since 1940, and at Oxford since 1947. The second half of the month was especially dull in eastern areas and it was virtually sunless after the 17th in parts of eastern England.

## Fog

Although overnight fog patches frequently formed, particularly in eastern areas of England, they were mostly isolated and usually short-lived. However, on the morning of the 7th fog was widespread in south Wales and southern England; air traffic was disrupted for a time and fog persisted throughout the day in the Bristol area. On the 17th morning fog occurred widely in East Anglia and south-east England.

## Miscellaneous phenomena

The aurora was reported by observers in Scotland on 9 nights.

Table 1 District values

February 1972

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. †	Min. †	difference from average						
0 Scotland N	9.6	-6.0	+0.4	+0.5	+0.5	-	-2	62	89
1 Scotland E	10.0	-10.8	-0.2	+0.6	+0.2	+0.6	+2	129	59
2 England N E	9.8	-13.1	-0.4	+0.7	+0.1	+0.6	+2	96	47
3 England E	10.0	-8.0	+0.1	+1.1	+0.6	+0.6	+3	85	61
4 Midlands	10.1	-9.5	-0.2	+1.0	+0.4	+0.5	+4	111	50
5 England S E	11.8	-14.0	+0.5	+1.1	+0.8	+0.5	+5	125	56
6 Scotland W	10.0	-9.1	+0.2	+0.7	+0.5	+0.3	0	89	71
7 Eng N W - Wales N	11.0	-10.0	+0.3	+0.7	+0.5	+0.5	0	78	77
8 Eng S W - Wales S	11.6	-11.0	+0.2	+0.9	+0.6	+0.4	+7	154	66
N Ireland	11.5	-5.9	+0.2	-0.1	0.0	-	-1	102	98
Scotland	10.0	-10.8	+0.1	+0.6	+0.4	-	0	93	73
Eng - Wales	11.8	-14.0	+0.1	+0.9	+0.5	-	+3	111	59

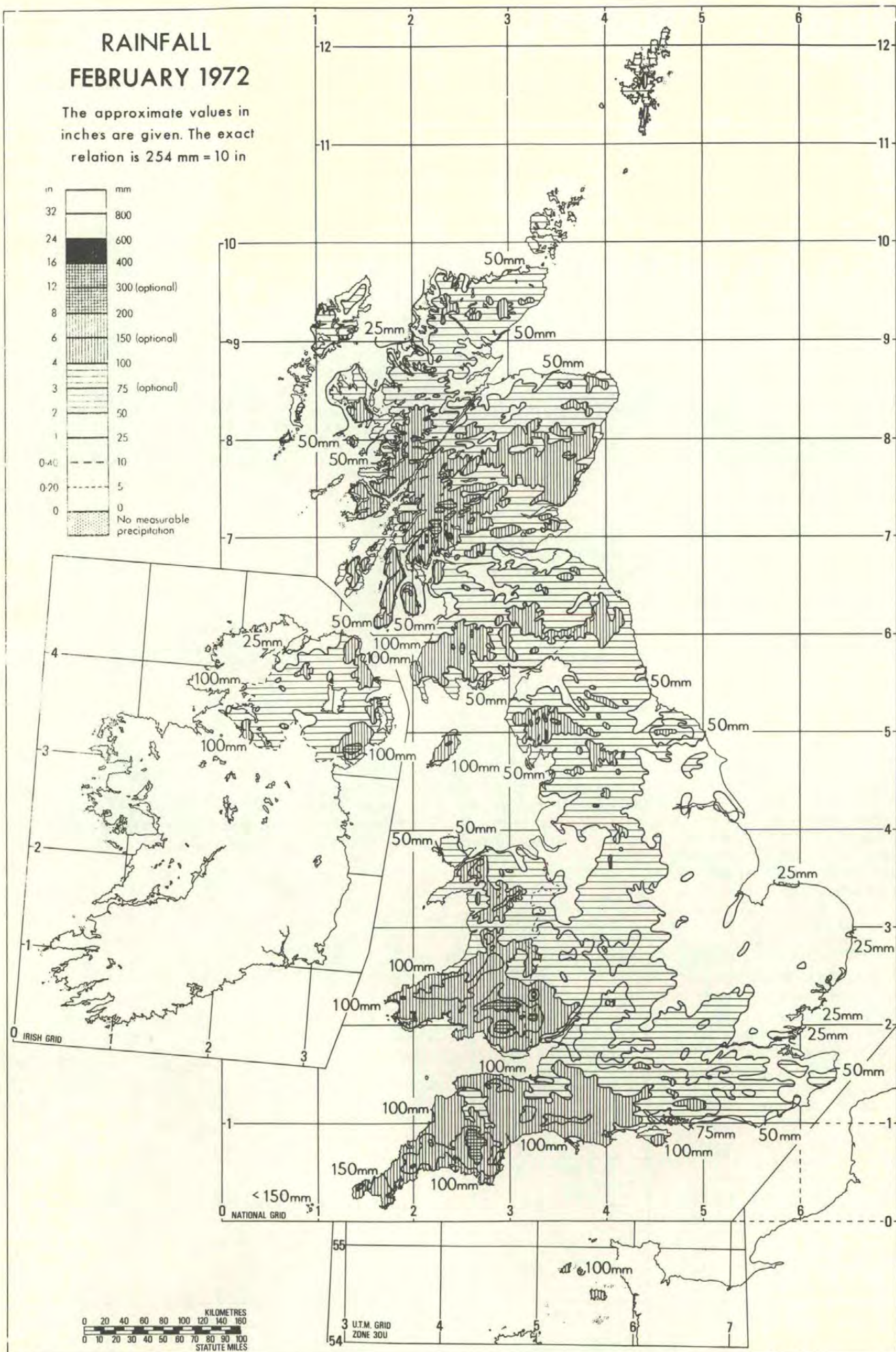
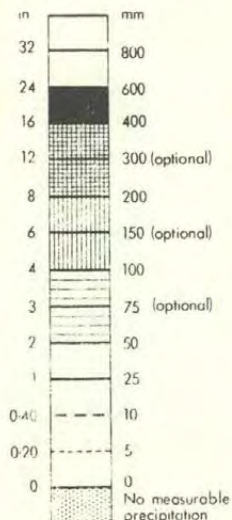
† Highest max. and lowest min. of the District Value Stations

MWR dup (1)



# RAINFALL FEBRUARY 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





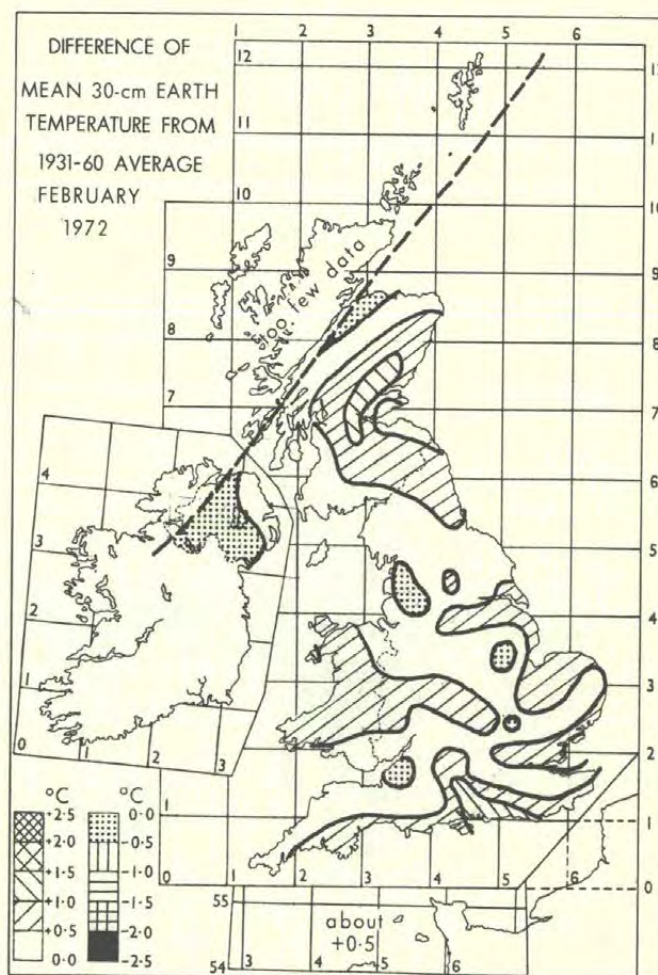
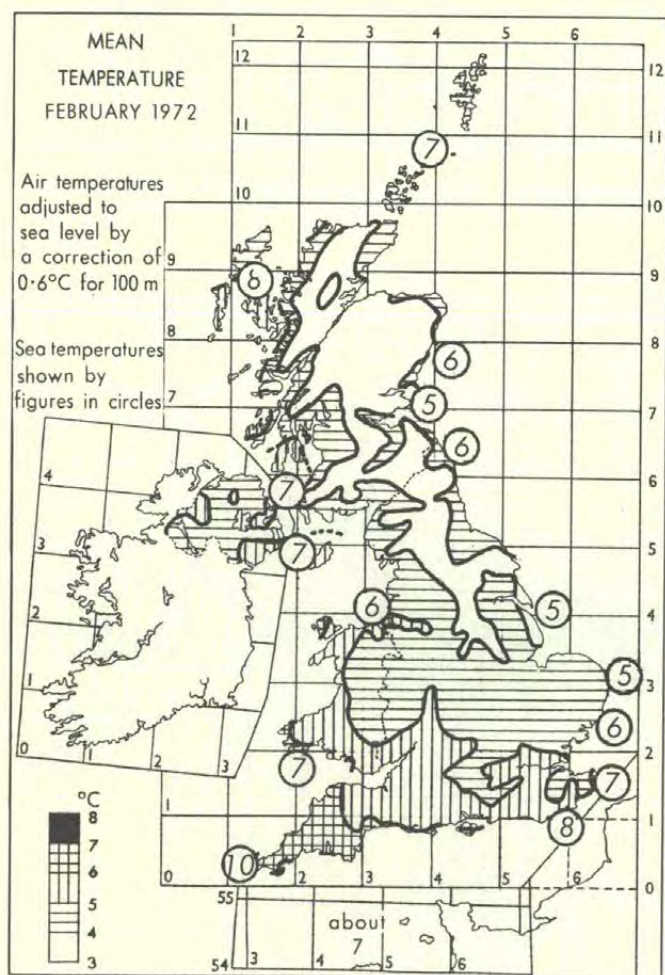
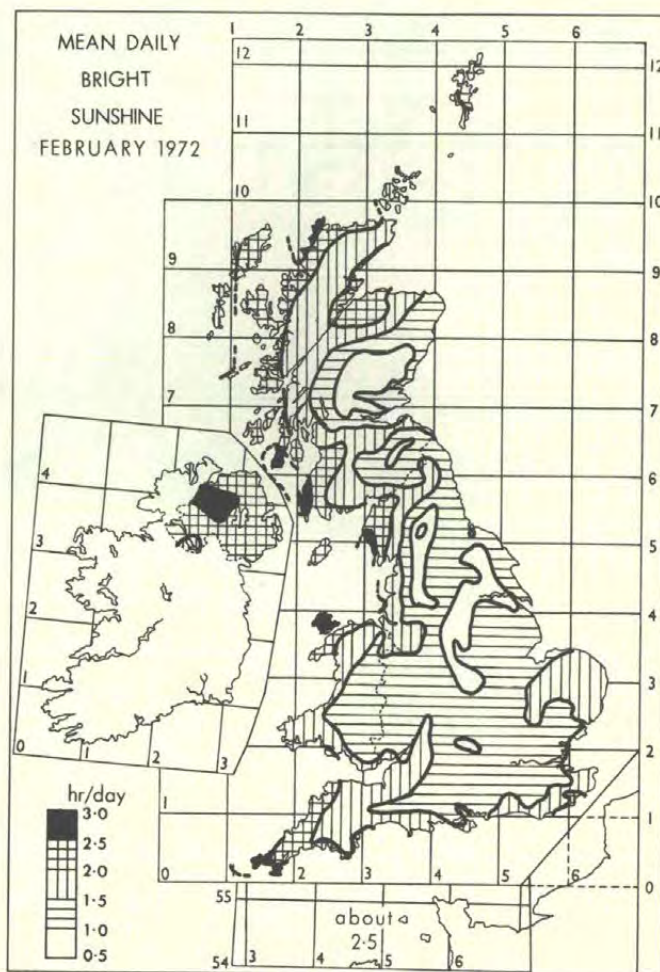
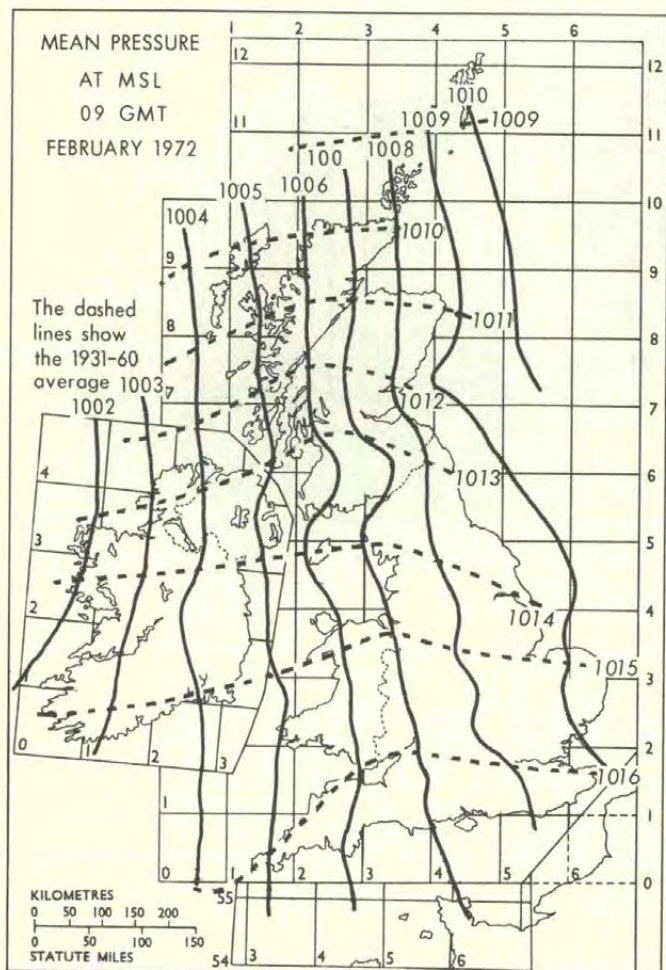




Table 2 Solar radiation and illumination

February

1972

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 .. .. .	146	22	3	4	56.4	29	99	24	3	4	41.9	29	200	22	6	4	73.5	29
Eskdalemuir .. .	184	23	8	10	82.7	29	129	23	8	10	64.1	29	312	18	14	10	101.7	29
Cardington .. .																		
London Weather Centre	186	10	23	18	71.9	29	83	10,25	19	18	55.9	29	222	10	30	18	89.7	29
Kew .. . . .	192	25	21	18	85.7	29	126	25	19	18	63.6	29	225	25	33	18	105.3	29
Easthampstead .. .	161	25	24	20	79.7	29	—	—	—	—	—	—	254	14	31	20	95.5	29
Aberporth .. . .	261	26	18	16	117.1	29	157	26	18	16	72.7	29	—	—	—	—	—	—
Aldergrove .. . .	189	9, 26	24	1	103.7	29	125	26	24	1	63.8	29	—	—	—	—	—	—
Jersey Airport .. .	269	14	27	1, 3	127.6	29	175	26	27	1, 3	83.1	29	283	28	32	1	141.0	29

Table 3 Summary of daily observations

February

1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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Table 3 Summary of daily observations

25  
February 1972

District, county and place	terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine		
	max.	min.		means of		daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2 mm or more	1.0 mm or more													
1 SCOTLAND E - continued																																
Banff																																
Glenlivet .. .. .	21-9	215	5.1	-0.4	2.3	-	8.6	23	-7.0	12	-	-	71	-	29	16	13	10	6	4	0	0	0	0	16	26	25	0	2.20	-	-	
Banff .. .. .	99	24	5.7	1.9	3.8	-	8.6	29	-1.0	12	-	-	53	-	13	3	14	11	-	1	-	-	-	1	3	-	-	1.60	-	-		
Aberdeen																																
Braemar .. .. .	99	339	3.6	-1.8	0.9	-0.1	5.8	28	-10.0	1	-	-	76	112	(17)	2	20	13	-	4	-	-	-	0	23	26	-	1.05	-	S		
Balmoral .. .. .	99	283	4.7	-1.3	1.7	+0.5	7.2	20	-7.6	12	-	-	89	159	18	2	14	11	5	6	0	0	0	0	17	23	-	0	-	-		
Dinnert .. .. .	99	177	5.2	-0.1	2.5	-	8.5	23	-6.2	1	2.4	-	76	-	14	2	23	12	-	2	-	-	-	0	12	19	-	1.29	-	-		
Gartly .. .. .	99	160	4.8	-0.1	2.3	-	7.8	23	-5.0	1	-	-	87	-	13	3	17	13	-	-	-	-	-	13	22	-	-	-	-	-		
Inverurie Sewage Works .. .. .	99	54	5.7	0.3	3.0	-	8.7	29	-5.3	12	-	-	88	-	16	3	20	15	2	2	0	0	0	0	12	17	-	0	1.23	-	-	
Fyvie Castle .. .. .	99	66	5.7	-0.7	2.5	-	9.0	29	-5.5	12	-	-	91	138	18	3	25	13	3	0	0	0	0	0	20	22	-	0	1.38	-	S	
Craibstone .. .. .	99	91	5.3	1.0	3.1	+0.2	8.1	29	-3.4	12	3.2	4.0	107	188	21	15	21	15	2	2	0	0	0	0	10	18	-	0	1.36	48	-	
Dyce .. .. .	21-9	58	6.0	1.4	3.7	+0.8	8.7	29	-5.3	12	-	-	101	168	20	3	18	17	2	2	0	3	0	0	10	17	15	0	1.40	-	-	
Aberdeen .. .. .	99	52	5.8	1.3	3.5	+0.6	8.2	13	-4.5	1	-	-	87	161	19	3	21	15	0	2	0	0	0	0	8	15	-	0	1.35	51	-	
Fraserburgh .. .. .	21-9	18	6.4	3.0	4.7	-	9.1	23	-0.6	12	-	-	86	-	18	3	16	13	1	1	0	0	0	0	1	10	8	1	1.43	-	-	
Kincardine																																
Fettercairn .. .. .	99	171	4.7	0.9	2.8	+0.6	7.3	14	-4.0	1	-	-	119	180	18	3	22	18	2	3	0	0	0	3	9	15	-	0	0.80	-	S	
Banchory .. .. .	99	77	5.6	0.5	3.1	-	8.8	29	-4.4	1:12	-	-	118	-	20	15	21	15	8	3	0	3	0	2	10	17	-	0	-	-	-	
Stonehaven .. .. .	99	4	6.0	1.8	3.9	+0.2	8.0	13:14:29	-2.0	1:11	-	-	82	168	18	3	18	17	5	0	0	0	0	0	6	-	-	0	1.05	39	-	
Angus																																
Mylnefield .. .. .	99	30	6.0	0.9	3.5	-	9.1	3	-8.5	1	3.9	5.4	83	167	18	15	20	12	1	1	0	0	0	2	7	20	-	0	1.03	-	-	
Dundee .. .. .	99	45	5.8	1.6	3.7	+0.4	9.3	3	-5.2	1	3.2	-	86	157	17	15	21	15	1	2	0	0	0	1	5	16	-	0	0.99	-	-	
Glamis Castle .. .. .	99	61	5.3	0.0	2.7	-	8.9	29	-7.8	1	-	-	123	199	32	1	22	16	2	2	0	0	0	1	12	21	-	0	-	-	-	
Whitehills .. .. .	99	258	4.1	-0.6	1.7	-	6.2	23	-6.2	12	-	-	158	206	23	15	24	18	8	7	0	0	0	2	15	18	-	0	-	-	S	
Buddon Ness .. .. .	99	5	5.9	0.5	3.2	+0.1	8.3	29	-8.3	1	-	-	100	212	22	1	20	17	1	-	0	0	0	1	9	-	-	2	-	-	-	
Carnoustie .. .. .	99	9	6.7	-	-	-	8.4	8	-	-	-	-	100	(204)	-	-	-	-	-	1	-	-	-	0	-	-	-	-	1.00	-	-	
Arbroath .. .. .	99	28	5.7	2.0	3.9	+0.2	8.1	14	-4.0	1	-	-	81	172	17	3	20	14	1	1	0	0	0	0	4	15	-	0	1.20	39	-	
Usan .. .. .	21-9	30	5.9	2.4	4.1	-	8.2	14	-2.5	12	-	-	89	-	15	3	19	15	2	1	0	0	0	0	3	10	9	2	1.23	-	-	
Montrose .. .. .	99	57	5.6	1.7	3.7	-	7.4	14	-3.1	12	-	-	89	185	16	3	21	16	4	1	0	0	0	0	5	17	-	0	-	-	-	
Perth																																
Aberfoyle .. .. .	99	27	6.5	0.4	3.5	-	9.5	27	-10.0	1	-	-	112	-	18	15	20	18	2	-	0	0	0	-	11	17	-	0	-	-	-	
Dall .. .. .	99	232	4.7	-1.4	1.7	-	8.6	27	-10.9	1	-	-	58	-	12	10	18	15	8	3	0	0	0	2	21	24	-	1	-	-	-	
Callander .. .. .	99	107	5.9	0.6	3.3	-	8.0	3:17:29	-7.0	1	-	-	133	-	19	28	18	4	3	0	0	0	0	0	9	14	-	1	-	-	-	
Ardtnaig .. .. .	99	130	5.2	0.7	2.9	-	8.6	27	-6.6	1	-	-	96	85	(20)	2	19	15	-	-	-	-	-	-	9	20	-	-	0.79	-	-	
Dunblane .. .. .	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.68	-	-	
Drummond Castle .. .. .	99	113	5.2	0.0	2.6	-	8.0	27	-8.7	1	3.0	-	97	-	19	15	25	19	4	3	0	0	0	-	12	19	-	0	1.07	-	-	
Gleneagles .. .. .	99	152	5.1	0.0	2.5	-	8.0	27	-8.2	1	-	-	73	83	18	15	24	19	5	-	0	1	0	4	10	21	-	0	0.83	-	-	
Pitlochry .. .. .	99	144	4.6	0.2	2.4	-	7.2	3:14	-6.5	1	-	-	72	108	15	2	20	14	4	2	0	0	0	1	10	20	-	0	0.73	-	-	
Faskally .. .. .	99	94	5.3	-0.2	2.5	-	8.4	14	-9.5	1	2.7	4.1	64	91	12	2	21	14	5	2	0	1	0	1	11	23	-	0	-	-	-	
Ashintully Castle .. .. .	99	341	3.3	-0.9	1.2	-	6.0	23	-7.0	1	-	-	95	-	16	1	25	16	8	11	0	0	0	8	15	20	-	0	-	-	-	
Strathallan .. .. .	99	41	6.0	0.8	3.4	-	9.4	28	-9.5	1	-	-	79	-	15	15	22	15	4	2	0	0	0	4	7	20	-	0	-	-	-	
Perth .. .. .	99	23	6.3	0.5	3.4	+0.2	9.5	28	-11.2	1	-	-	77	140	16	15	19	13	2	0	0	0	0	11	9	15	-	0	0.87	33	-	
Blairgowrie .. .. .	99	70	-	-	-	-	-	-	-	-	-	-	88	154	21	1	22	15	-	-	-	-	-	-	-	-	-	-	0.88	-	-	
Kinross																																
Kinross .. .. .	99	113	5.3	0.1	2.7	-	8.8	28	-13.0	1	3.4	-	86	-	16	16	24	15	-	2	-	-	-	-	11	16	-	-	0.98	-	-	
Fife																																
Pitreavie .. .. .	99	40	6.3	1.9	4.1	-	9.7	27	-5.4	1	-	-	45	88	7	3	20	11	2	2	1	0	0	2	2	16	14	0	-	-	-	
Kirkcaldy .. .. .	99	32	6.2	1.0	3.6	+0.1	9.6	3	-9.8	1	-	-	88	140	11	3	20	14	3	2	0	0	0	0	9	15	-	0	0.93	-	-	
Glenrothes (Glenwood) .. .. .	99	117	5.5	0.5	3.0	-	8.6	29	-10.0	1	-	-	90	-	13	16	21	13	-	-	-	-	-	-	10	17	-	-	-	-	-	
Cupar .. .. .	99	25	5.9	0.6	3.3	-	9.4	29	-11.7	1	3.4	-	99	201	21	1	21	17	1	2	0	0	0	1	9	19	-	0	1.19	-	-	
Leuchars .. .. .	21-9	10	6.3	1.0	3.7	-0.1	9.6	29	-13.2	1	-	-	93	216	20	1	20	15	3	2	0	2	0	0	9	16	16	0	1.29	43	-	
St Andrews .. .. .	99	18	6.0	1.0	3.5	-	9.1	29	-9.2	1	3.9	5.3	95	-	16	1	20	15	1	1	0	3	0	0	9	15	-	0	1.35	46	-	
West Lothian																																
Livingston .. .. .	99	125	5.7	0.0	2.9	-	9.0	27	-17.5	1	-	-	53	-	16	16	21	9	-	-	-	-	-	4	10	20	-	-	-	-	-	
Midlothian																																
Turnhouse .. .. .	21-9	35	6.6	1.1	3.9	+0.5	10.3	27	-17.0	1	-	-	42	100	9	15	17	8	2	2	0	2	0	0	6	21	17	0	1.52	-	-	
Edinburgh .. .. .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
East Craigs .. .. .	99	61	6.5	1.3	3.9	-	10.2	27	-12.4	1	3.7	-	39	92	9	15	14	10	2	2	1	0	0	1	5	19	-	0	1.78	-	-	
Penicuik .. .. .	99	189	5.4	-0.1	2.7	+0.2	9.2	27	-12.0	1	2.9	-	65	101	20	16	21	13	3	4	0	0	0	3	12	21	-	0	1.56	-	-	
Bush House .. .. .	99	184	5.3	0.1	2.7	-	8.9	27	-11.9	1	2.6	3.9	59	99	16	16	18	12	4	4	0	0	0	2	11	23	-	0	1.64	-	-	
Edinburgh .. .. .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Blackford Hill .. .. .	99	134	5.8	1.2	3.5	0.0	9.1	29	-8.3	1	-	-	48	111	11	16	14	8	-	2	-	-	-	2	3	16	-	-	1.54	57	-	
Royal Botanic Gardens .. .. .	99	26	7.0	1.0	4.0	+0.2	9.8	3:27	-8.7	1	2.9	3.9	38	89	8	3	13	9	1	2	0	0	0	0	9	22	-	0	1.68	73	-	
East Lothian																																
Haddington .. .. .	99	49	6.3	0.4	3.3	-	9.4	29	-14.0	1	-	-	44	113	12	3	17	8	2	2	0	0	0	0	11	17	-	0	1.58	-	S	
Dunbar .. .. .	99	23	6.																													



Table 3 Summary of daily observations

February 1972

District, county and place	max. min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
			means of				highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-60 average	amount (mm)	date	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																							
1 SCOTLAND E — continued																																	
Roxburgh																																	
Wauchope .. .. .	99	155	5.2	-0.1	2.5	—	8.4	27	-14.1	1	—	—	73	120	15	15	22	14	5	3	0	0	0	1	6	—	—	1	—	—	—	—	
Kelso .. .. .	99	34	6.4	0.1	3.3	—	10.6	29	-15.4	1	—	—	48	—	14	3	18	12	2	2	0	0	0	1	13	21	—	0	1.27	—	—		
Sourhope .. .. .	99	221	4.8	-0.3	2.3	+0.2	9.5	29	-10.1	1	—	—	126	—	30	15	19	16	4	2	0	0	0	1	13	23	—	0	1.60	—	—		
(see Introduction)																																	
6a SCOTLAND W																																	
Argyll																																	
Tiree .. .. .	21-9	9	7.4	3.8	5.6	+0.4	9.3	28	-0.9	1	—	—	83	105	17	6	17	16	3	0	1	4	1	0	1	6	5	7	2.03	77	—	—	
Port Ellen .. .. .	99	18	7.6	1.8	4.7	—	10.2	28	-4.8	1	—	—	90	—	22	27	18	14	—	—	—	—	—	—	3	—	—	—	—	—	—	—	
Rhuvaal .. .. .	21-9	20	7.2	3.4	5.3	—	10.2	28	0.2	1	—	—	109	101	26	2	16	14	1	0	0	0	0	0	0	6	5	3	—	—	—	—	
Colonsay .. .. .	99	30	7.1	3.1	5.1	+0.5	9.5	28	-0.2	1	—	—	62	61	11	2	19	15	2	—	0	0	0	2	1	—	—	1	—	—	—	—	
Aros .. .. .	99	37	7.2	1.3	4.3	—	9.9	28	-3.1	1	—	—	129	—	18	10	18	17	4	0	0	2	0	0	11	20	—	0	—	—	—		
Machrihanish .. .. .	21-9	10	7.5	2.6	5.1	—	9.4	27	-1.8	1	—	—	86	109	13	2	19	18	3	1	3	0	0	1	3	14	10	4	2.84	—	—		
Campbeltown .. .. .	99	12	7.6	2.8	5.2	—	10.0	27	-4.0	1	—	—	109	—	17	1	15	15	—	0	—	—	—	0	1	—	—	—	—	—	—	—	
Polloch .. .. .	99	10	7.1	-0.7	3.2	—	10.3	23	-8.7	1	—	—	123	—	14	12	20	18	2	0	0	0	0	—	16	23	—	0	—	—	—	—	
Knapdale Forest .. .. .	99	40	7.1	0.7	3.9	—	9.3	27	-4.1	1	—	—	100	—	16	12	19	18	—	0	—	—	—	0	13	25	—	0	—	—	—	—	
Dunstaffnage .. .. .	99	3	7.1	2.4	4.7	—	9.7	28	-4.8	1	—	—	72	—	16	12	19	16	2	0	0	0	0	0	2	—	—	0	—	—	—	—	
Glenbranter .. .. .	99	24	6.7	0.8	3.7	—	9.0	27	-7.1	1	—	—	145	—	21	12	19	19	3	1	1	0	1	0	9	23	—	0	—	—	—	—	
Glen Etive .. .. .	99	24	7.0	0.8	3.9	—	9.1	22	-4.9	1	—	—	139	—	23	12	20	17	2	0	0	0	2	—	11	18	—	2	—	—	—	—	
Benmore Younger																																	
Botanic Gardens ..	99	12	6.6	1.7	4.1	—	8.5	13:17:27	-6.0	1	—	—	164	83	25	15	19	19	3	3	0	3	1	1	8	18	—	0	—	—	—	—	
Bute																																	
Kildonan .. .. .	21-9	18	7.0	3.7	5.3	—	8.5	3:14	-1.5	1	—	—	60	—	9	25	20	14	2	1	0	0	0	0	1	9	3	6	2.26	—	—	—	
Brodick Castle .. .. .	99	15	7.3	2.4	4.9	—	9.6	13	-3.6	1	4.5	—	147	120	23	15	19	18	3	2	2	0	0	0	4	16	—	2	—	—	—	—	
Rothsay .. .. .	99	43	6.9	2.4	4.7	+0.5	9.0	27	-1.0	1	3.7	5.0	86	83	21	15	17	13	4	2	0	0	0	0	3	13	—	0	1.92	82	S		
Dunbarton																																	
Finnart .. .. .	99	15	6.8	2.8	4.8	—	9.4	27	-5.0	1	—	—	149	—	22	15	19	17	4	2	0	0	0	1	3	—	—	0	—	—	—	—	
Helensburgh .. .. .	99	89	6.0	1.6	3.8	+0.5	8.4	3	-5.9	1	—	—	90	78	15	15	20	17	—	2	—	—	—	2	4	—	—	—	1.28	59	S		
Sloy .. .. .	21-9	12	6.2	2.4	4.3	—	9.1	22	-2.7	1	—	—	190	—	21	15	19	18	5	—	0	0	0	0	2	—	—	0	—	—	—	—	
Arrochymore .. .. .	99	37	6.6	1.3	3.9	—	8.9	27	-8.4	1	—	—	117	—	38	15	19	14	3	2	0	0	2	1	6	20	—	0	1.44	—	—	—	
Cumbernauld .. .. .	99	94	5.5	0.0	2.7	—	8.7	27	-3.5	12	—	—	52	—	9	15	17	11	4	2	0	0	0	1	10	18	—	0	—	—	—	—	
Stirling																																	
Earls Hill .. .. .	21-9	335	3.3	-0.1	1.6	—	6.3	27	-8.0	1	—	—	98	—	20	15	22	14	7	—	0	0	0	10	12	21	19	1	0.86	—	—	—	
Stirling Batterflats .. .. .	99	38	6.3	0.8	3.5	—	9.8	13	-6.3	1	3.4	4.6	67	—	12	15	21	14	4	2	0	0	0	1	9	22	—	0	1.09	—	—	—	
Parkhead .. .. .	99	107	6.2	0.4	3.3	—	9.1	27	-7.9	1	3.1	—	67	15	15	22	15	15	2	1	0	0	0	1	10	—	—	0	—	—	—	—	
Falkirk Sewage Works .. .. .	99	3	6.5	1.1	3.8	—	9.6	27	-9.6	1	—	—	37	—	6	25	19	14	1	2	0	0	0	0	8	—	—	0	1.31	—	—	—	
Grangemouth .. .. .	99	4																															
Renfrew																																	
Greenock .. .. .	99	61	6.1	2.1	4.1	0.0	8.8	27	-6.0	1	—	—	107	83	19	12	17	16	4	3	0	0	0	1	2	4	—	0	1.56	71	—	—	
Paisley .. .. .	99	32	6.8	2.1	4.5	+0.3	10.0	27	-5.5	1	3.7	5.7	56	64	9	15	21	13	2	1	0	0	0	0	3	16	—	0	1.22	61	—	—	
Barrhead .. .. .	99	30	6.5	1.1	3.8	—	9.6	27	-8.0	1	—	—	56	62	9	10	19	11	4	2	0	0	0	0	7	21	—	0	—	—	—	—	
Abbotsinch .. .. .	21-9	5	6.9	1.8	4.3	+0.4	10.0	27	-5.6	1	—	—	48	60	9	25	17	13	3	2	1	1	0	0	6	14	11	0	1.46	69	—	—	
Lanark																																	
Crossmyloof .. .. .	99	23	7.0	1.9	4.5	—	9.6	27	-6.0	1	—	—	46	—	9	25	17	12	2	2	0	0	0	0	4	—	—	0	1.28	—	—	—	—
East Kilbride .. .. .	99	178	5.4	0.8	3.1	—	8.1	27	-8.3	1	—	—	61	—	15	10	20	16	—	2	—	—	—	—	5	19	—	—	—	—	—	—	
Glasgow, Springburn .. .. .	99	107	5.7	1.2	3.5	+0.4	8.0	13	-7.9	1	—	—	43	58	10	25	17	11	3	2	0	0	0	0	5	22	—	0	1.46	71	—	—	
Coatbridge .. .. .	99	78	5.9	1.1	3.5																												



Table 3 Summary of daily observations

February 1972

District, county and place	max. min. terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 GMT)		weather (number of days)										bright sunshine								
			means of				highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-40 average	most in a day	precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-40 average	exposure			
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-40 average	max.	date	min.	date						0.2 mm or more	1.0 mm or more																
6b ISLE OF MAN																																	
Isle of Man																																	
Ronaldsway .. .. .	21-9	16	7.6	3.9	5.7	—	9.8	27	0.0	19	—	—	86	143	14	10	17	15	1	0	1	2	0	0	6	3	3	2.23	—	—	—	—	
Douglas .. .. .	99	87	6.7	3.1	4.9	+0.3	8.5	7	-2.0	1	—	—	108	137	12	10	19	17	1	0	0	0	2	1	8	—	4	2.11	83	—	—	—	
Point of Ayre .. .. .	21-9	9	7.0	3.3	5.1	—	9.3	27	-0.9	1	—	—	77	146	14	15	19	14	1	1	0	0	0	—	—	5	2.30	—	—	—	—	—	
2 ENGLAND NE																																	
Northumberland																																	
Kielder Castle .. .. .	99	201	4.8	-0.5	2.1	—	7.7	29	-14.0	1	3.0	—	91	101	20	15	19	15	5	5	0	0	0	5	12	22	—	0	—	—	—	—	
Haydon Bridge .. .. .	99	79	6.4	0.4	3.4	—	10.9	8	-15.1	1	3.1	4.5	54	—	11	3	20	12	1	2	0	0	4	8	18	—	0	—	—	—	—	—	
Corbridge .. .. .	99	49	6.3	-0.3	3.0	—	9.9	29	-18.3	1	—	—	52	—	10	3	20	13	2	2	0	0	0	0	11	16	—	0	—	—	—	—	
Berwick-on-Tweed .. .. .	99	23	6.1	1.9	4.0	+0.2	10.0	29	-10.8	1	—	—	63	166	18	3	16	13	1	0	0	0	0	3	14	—	0	1.53	56	—	—	—	
Acklington .. .. .	21-9	42	6.0	0.9	3.5	0.0	10.0	29	-13.2	1	—	—	71	166	15	3	19	14	2	1	0	3	0	9	14	12	0	1.45	—	—	—	—	
Tynemouth .. .. .	21-9	29	5.9	2.9	4.4	0.0	9.2	29	-8.0	1	—	—	53	125	19	15	15	8	1	1	0	0	0	2	7	—	2	1.12	48	—	—	—	
Seahouses .. .. .	21-9	11	6.4	2.6	4.5	—	8.7	14	-9.0	1	—	—	80	—	25	15	18	12	2	1	0	0	0	2	10	10	0	1.50	—	—	—	—	
Durham																																	
Chopwellwood .. .. .	99	136	5.3	1.0	3.1	0.0	8.5	13	-10.0	1	—	—	63	125	16	15	18	17	2	3	0	0	0	5	15	—	0	—	—	—	—	—	
Durham .. .. .	99	102	5.7	1.0	3.3	0.0	8.9	14	-13.1	1	3.7	5.3	56	124	13	15	20	12	—	2	—	—	5	6	17	—	—	1.15	47	—	—	—	
Hartburn Grange .. .. .	99	31	6.3	1.0	3.7	—	8.4	13:29	-16.4	1	—	—	29	—	10	3	15	10	0	2	0	0	1	7	15	—	0	1.42	—	—	—	—	
Hartlepool .. .. .	99	9	6.8	2.6	4.7	—	9.9	29	-9.0	1	—	—	27	72	9	3	15	10	1	2	0	0	0	1	3	—	—	0	1.31	—	—	—	
Yorkshire N Riding																																	
Leeming .. .. .	21-9	32	6.3	1.7	4.0	—	10.1	14	-11.1	1	—	—	58	128	14	15	16	11	4	2	0	0	0	3	5	13	12	0	1.19	—	—	—	
Marton .. .. .	99	46	6.4	1.7	4.1	—	9.6	14	-9.3	1	3.6	5.2	36	—	11	15	15	9	1	2	0	0	—	3	11	—	0	1.62	—	—	—	—	
York (Heslington) .. .. .	99	20	6.2	1.7	3.9	—	9.2	29	-9.7	1	3.3	4.4	35	—	12	3	15	10	1	2	0	0	0	3	7	12	—	0	1.06	—	—	—	
Pickering .. .. .	99	44	5.9	0.9	3.4	—	8.3	13:14	-13.7	1	—	—	36	—	11	3	17	10	4	2	0	0	0	0	8	12	—	0	—	—	—	—	
Scarborough .. .. .	99	53	5.9	2.0	3.9	—	9.5	14	-6.6	1	3.7	5.1	33	—	9	15	14	8	1	2	0	0	0	1	3	10	9	0	1.15	50	—	—	
Silpho Moor .. .. .	99	203	4.9	0.6	2.7	—	7.5	14	-9.5	1	2.9	—	63	102	13	3	19	14	1	2	0	0	0	1	8	10	—	0	1.06	—	—	—	
Whitby Coastguard .. .. .	21-9	60	—	1.6	—	—	—	—	-8.1	1	—	—	42	—	13	15	15	9	2	1	0	0	0	4	5	6	2	—	—	—	—	—	
Yorkshire E Riding																																	
High Mowthorpe .. .. .	99	175	4.6	0.9	2.7	—	6.9	14	-9.0	1	2.9	—	57	103	13	3	16	12	—	3	—	—	10	6	11	—	—	1.02	—	—	—	—	
Hull .. .. .	99	2	6.6	1.5	4.1	-0.1	9.8	14	-9.8	1	4.3	6.2	27	57	6	15	15	8	0	2	0	0	0	4	10	—	0	1.03	47	—	—	—	
Filey .. .. .	99	37	5.8	1.7	3.7	—	8.5	14	-12.2	1	—	—	35	73	10	3	13	8	1	2	0	0	0	5	10	—	0	1.12	—	—	—	—	
Bridlington .. .. .	99	48	5.5	1.7	3.6	+0.1	8.0	14	-9.0	1	—	—	33	67	7	15	17	8	1	1	0	0	0	6	8	—	0	1.09	42	—	—	—	
Kilnsea .. .. .	21-9	12	5.6	2.7	4.1	—	8.5	14	-1.0	1	—	—	22	—	5	15	13	9	0	1	0	0	0	1	—	—	7	1.17	—	—	—	—	
Lincoln																																	
Waddington .. .. .	21-9	68	6.0	1.5	3.7	+0.1	9.4	17	-5.6	1	—	—	25	—	6	3	15	9	4	2	0	0	3	6	10	10	0	1.25	51	—	—	—	
Lincoln .. .. .	99	7	6.5	1.8	4.1	+0.7	9.6	8	-9.5	1	4.2	5.0	28	66	6	3	15	8	1	2	0	0	0	4	10	—	0	1.13	—	—	—	—	
Cranwell .. .. .	99	62	6.1	0.8	3.5	0.0	9.0	8:17	-9.2	1	3.4	4.4	28	66	6	15	16	10	2	2	0	0	6	8	10	11	0	1.10	43	—	—	—	
Brigg .. .. .	99	3	6.2	1.5	3.9	—	9.4	14	-14.5	1	—	—	31	—	7	15	18	8	1	2	0	0	0	7	11	—	0	—	—	—	—	—	
Binbrook .. .. .	21-9	108	5.4	1.8	3.6	—	8.2	14	-6.9	1	—	—	35	—	7	15	17	9	2	2	0	0	0	4	6	10	10	0	0.88	—	—	—	—
Cleethorpes .. .. .	99	7	(6.0)	1.9	(3.9)	(-0.1)	8.8	15	-9.1	1	—	—	23	52	4	16	13	8	—	2	—	—	2	4	8	—	—	0.99	41	—	—	—	
Manby .. .. .	21-9	17	6.1	1.6	3.9	—	9.0	14	-8.7	1	3.9	—	30	73	8	15	16	11	2	2	0	0	0	2	8	12	10	0	1.08	—	—	—	—
Skegness .. .. .	99	5	6.2	1.8	4.0	+0.3	9.0	8:14	-8.0	1	—	—	23	58	6	11	12	10	0	0	0	0	0	3	7	—	0	1.26	51	—	—	—	—
3 ENGLAND E																																	
Norfolk																																	
Terrington St Clement .. .. .	99	4	6.9	1.4	4.1	+0.4	9.7	16	-8.0	1	4.6	—	27	—	11	11	15	10	1	1	0	0	2	6	11	—	0	1.63	57	—	—	—	
Marham .. .. .	21-9	23	7.0	1.7	4.3	—	10.1	16	-3.5	1	—	—	33	—	11	11	13	8	2	1	0	0	1	8	8	8</							



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District, county and place	max. min.	terminal (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
				max. (a)	min. (b)			max.	date	min.	date						0.2 mm or more	1.0 mm or more																
3 ENGLAND E—continued																																		
Essex																																		
Little Parndon .. ..	99	54	7.2	2.0	4.6	—	10.3	3	-7.5	1	—	—	36	—	7	11	14	9	—	0	—	—	—	—	1	5	—	—	—	—	—	—	—	—
Harlow .. ..	99	79	7.5	(1.9)	(4.7)	—	10.6	25	-5.7	1:3	—	6.0	41	—	8	11	14	11	0	0	0	0	0	0	7	3	10	—	—	—	1.39	—	—	
Stansted .. ..	21-9	101	6.5	1.9	4.2	+0.9	9.4	25	-2.4	1	—	—	45	109	11	11	17	11	0	0	0	0	0	0	4	6	14	—	—	—	1.06	—	—	
Writtle .. ..	99	32	7.3	1.6	4.5	—	9.5	5:16:25	-9.8	1	4.6	—	30	78	5	18	16	13	1	1	0	0	0	5	6	14	—	—	—	1.06	—	—		
Southend .. ..	99	2	7.3	2.7	5.0	—	9.6	9	-6.1	1	—	—	25	—	5	11	15	9	1	1	0	0	0	2	1	15	—	—	—	1.29	—	—		
Maldon .. ..	99	4	7.2	1.8	4.5	—	10.4	16	-11.4	1	—	—	—	—	—	—	—	—	1	—	0	0	0	3	5	—	—	—	—	—	—	—		
Earls Colne .. ..	99	49	7.1	1.4	4.3	—	9.8	25	-9.4	1	4.2	5.7	29	72	5	5	13	10	—	1	—	—	—	5	7	14	—	—	—	—	—	—		
Shoeburyness .. ..	21-9	2	7.1	3.0	5.1	+0.8	9.8	6	-0.6	1	—	—	23	70	5	11	19	6	2	1	0	0	0	4	1	14	9	0	1.67	64	—	—		
Clacton-on-Sea .. ..	99	16	6.5	2.9	4.7	+1.0	8.5	14	-5.6	1	5.2	6.4	23	64	4	5	16	8	0	0	0	0	3	1	9	—	—	—	1.73	64	—	—		
Walton-on-Naze .. ..	21-9	5	6.5	3.4	4.9	—	9.0	14	0.1	1	—	—	23	—	4	5	13	9	1	1	0	0	0	2	0	7	6	3	1.69	—	—	—		
Dovercourt .. ..	99	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
4 MIDLAND COUNTIES																																		
Yorkshire W Riding																																		
Slaidburn .. ..	99	192	5.2	0.8	3.0	—	8.2	27	-10.0	1	—	—	83	68	18	15	18	11	6	3	0	0	0	4	6	16	—	0	0.89	—	—	—	—	
Maltham Tarn .. ..	99	395	3.4	(0.3)	(1.9)	—	6.5	28	-8.8	1	2.7	—	113	89	24	19	19	12	7	12	1	0	0	8	9	19	—	0	—	—	—	—	—	
Huddersfield .. ..	99	99	(6.6)	1.5	(4.1)	—	11.2	29	-8.8	1	3.4	4.7	52	74	10	3	18	12	—	2	—	—	—	2	4	16	—	—	—	1.31	82	—	—	
Huddersfield Oakes .. ..	21-9	235	5.1	1.1	3.1	+0.2	9.7	29	-7.0	1	2.8	4.4	68	81	12	1	24	16	4	2	0	0	1	10	5	17	14	0	1.10	58	—	—		
Bradford .. ..	99	134	5.5	1.1	3.3	+0.2	9.5	29	-9.5	1	3.4	4.6	75	106	13	1	18	12	3	3	0	0	0	4	7	16	—	0	1.06	55	—	—		
Ilkley .. ..	99	96	5.9	1.2	3.5	+0.3	10.0	29	-7.5	1	—	—	—	—	—	—	—	—	3	2	0	0	0	5	7	13	—	—	—	1.00	—	—		
Sheffield .. ..	99	131	(5.8)	1.8	(3.8)	(0.0)	8.7	29	-6.2	1	3.4	5.1	66	108	14	3	18	12	1	3	0	0	0	—	5	9	—	0	1.00	54	—	—		
Pontefract .. ..	99	78	5.9	1.1	3.5	0.0	9.1	29	-6.7	1	—	—	30	64	10	3	17	8	1	2	0	0	0	5	7	9	—	—	—	—	—	—		
Bramham .. ..	99	54	5.9	0.4	3.1	—	9.2	29	-9.8	1	—	—	43	102	11	1	17	11	2	2	0	0	0	3	10	24	—	0	0.90	—	—	—		
Cawood .. ..	99	6	6.1	1.5	3.8	—	9.5	29	-7.0	1	3.2	4.4	34	79	11	3	17	10	1	1	0	0	0	0	7	13	—	—	—	0.92	—	—		
Askham Bryan .. ..	99	34	6.0	0.9	3.5	—	9.5	14	-8.3	1	—	—	36	81	11	3	12	9	2	2	0	0	0	10	9	14	—	0	0.89	39	—	—		
Derby																																		
Buxton .. ..	99	307	4.3	0.4	2.3	+0.3	8.8	29	-11.3	1	—	3.5	95	94	22	15	19	13	6	3	0	0	0	12	7	14	—	0	0.96	59	—	—		
Mackworth .. ..	99	89	5.8	1.2	3.5	—	8.9	17	-2.0	1:10	—	—	43	—	9	3	17	9	—	2	—	—	—	2	5	—	—	—	—	—	—	—		
Ashover .. ..	99	186	5.1	1.1	3.1	—	7.6	8:29	-9.5	1	—	—	85	—	16	3	18	16	7	3	0	0	0	11	6	12	—	0	0.87	—	—	—		
Derby .. ..	99	48	6.6	1.9	4.3	—	9.4	17	-9.9	1	—	—	49	97	11	1	14	10	2	2	0	0	0	1	6	14	—	0	0.99	—	—	—		
Morley .. ..	99	107	5.8	-0.7	3.3	—	9.0	17	-10.8	1	—	—	55	94	12	1	16	11	—	2	—	—	—	7	7	13	—	—	—	1.07	—	—		
Wingerworth .. ..	99	126	5.7	1.0	3.3	—	8.3	8:17	-13.2	1	4.0	—	71	—	15	15	18	13	3	2	0	1	0	10	9	14	14	0	0.95	—	—	—		
Nottingham																																		
Sutton Bonington ..	99	48	6.4	1.7	4.1	+0.5	9.4	8	-10.4	1	4.2	5.3	50	115	11	3	15	12	3	2	0	0	0	1	3	15	—	0	1.36	62	—	—		
Watnall .. ..	21-9	117	5.9	1.7	3.8	+0.3	9.2	17	-3.4	1	—	—	54	105	12	3	17	12	4	2	0	0	0	7	6	14	11	0	1.01	46	—	—		
Mansfield .. ..	99	110	5.5	1.4	3.5	+0.2	9.0	8:17:29	-6.0	1	3.5	—	60	115	15	3	16	12	1	2	0	0	0	0	4	14	—	—	—	—	—	—		
Nottingham .. ..	99	59	6.5	2.0	4.3	+0.4	9.4	14	-4.3	1	3.5	4.4	40	90	8	3	18	11	—	2	—	—	—	3	3	14	—	—	—	1.10	57	—	—	
Warsop .. ..	99	46	6.2	0.8	3.5	—	9.8	29	-13.3	1	—	—	47	106	12	3	15	12	—	2	—	—	—	5	10	14	—	—	—	1.10	—	—		
Finningley .. ..	21-9	10	6.5	1.4	3.9	—	9.8	29	-6.1	1	—	—	31	78	9	3	14	5	2	2	0	0	0	2	11	13	13	0	1.09	—	—	—		
Leicester																																		
Newtown Linford ..	99	119	6.0	1.3	3.7	—	9.1	17	-8.0	1	—	—	50	98	11	3	19	11	1	1	0	1	0	4	7	11	—	0	0.94	—	—	—		
Caldecott .. ..	99	52	6.5	1.5	4.0	—	88.9	29	-10.5	1	—	—	38	103	7	3	16	8	—	2	—	—	—	8	7	10	—	—	—	1.03	—	—		
Northampton																																		
Bugbrooke Mills ..	99	69	(6.6)	(1.2)	(3.9)	—	9.0	8	-7.0	1	(4.4	5.7	46	112	11	3	18	11	—	2	—	—	—	6	(7)	—	—	—	—	1.20	—	—		
Raunds .. ..	99	59	6.4	1.3	3.9	+0.4	9.7	16	-9.5	1	3.8	5.9	39	103	6	11	18	13	2	0	0	0	0	3	7	11	—	0	1.09	47	—	—		
Wittering .. ..	99	65	6.3	1.9	4.1	+0.5	9.0	9	-3.2	1	—	—	35	91	5	10	19	11	2	2	0	1	0	6	7	14	8	0	1.12	—	—	—		
Warwick																																		
Birmingham																																		
King Edward School	99	137	6.6	1.5	4.1	—	9.2	29	-8.5	1	—	—	77	139	18	15	15	13	1	2	0	0	0	3	5	—	—	—	—	—	—	—		
Edgbaston .. ..	21-9	163	6.0	2.4	4.2	+0.4	9.0	14	-2.0	1	5.1	7.7	72	128	13	15	17	13	2	2	0	0	0	3	1	10	8	0	1.21	59	—	—		
Luddington .. ..	99	56	6.8	1.6	4.2	—	9.0	29	-9.2	1	—	—	54	—	15	3	17	11	3	1	0	1	0	9	6	14	—	0	1.37	—	—	—		
Stratford-on-Avon ..	99	49	7.1	1.0	4.1	—	9.5	29	-9.8	1	4.4	—	61	152	16	3	17	11	1	2	0	0	0	2	9	15	—	0	1.23	—	—	—		
Shipston-on-Stour ..	99	111	6.3	1.6	3.9	—	9.1	29	-8.5	1	4.1	—	69	147	19	3	21	12	1	0	0	0	0	3	2	16	—	1	1.22	—	—	—		
Elmdon .. ..	21-9	96	6.4	2.0	4.2	—	9.3	29	-2.1	1:3	—	—	74	—	19	15	16	11	4	2	1	0	0	2	5	15	10	0	1.26	—	—	—		
Wellesbourne .. ..	99	47	(6.7)	(1.4)	(4.1)	—	9.4	29	-8.6	1	(4.1)	(5.0	55	128	19	3	16	11	—	0	—	—	—	7	(10)	(12)	—	—	—	1.08	—	—		
Moreton Morrell ..	99	85	6.6	1.6	4.1	—	9.5	29	-9.8	1	—	—	52	120	17	3	15	11	1	0	0	0	0	5	3	14	—	1	1.25	—	—	—		
Rugby .. ..	99	117	6.2	1.1	3.7	+0.3	9.3	14	-8.5	1	3.4	—	47	109	12	3	22	13	3	2	0	0	0	—	7	11	8	0	—	—	—	—		
Oxford																																		
Brize Norton .. ..	21-9	84	6.8	2.2	4.5	—	9.5	29	-2.2	10	—	—	55	—	15	3	19	11	3	0	0	0	0	4	5	11	—	0	—	—	—	—		
Oxford .. ..	99	63	7.0	2.5	4.7	+0.5	9.8	29	-4.4	1	4.1	5.5	51	113	13	3	19	9	1	1	0	1	0	4	1	8	—	0	0.94	38	—	—		
Shirburn Model Farm	99	108	7.0	1.8	4.4	—	10.2	25	-8.1	1	—	—	69	—																				



Table 3 Summary of daily observations

February 1972

District, county and place	max. min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp		rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	date	precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date							0.2 mm or more	1.0 mm or more														
4 MIDLAND COUNTIES—continued																																
Hereford																																
Hereford	99	52	7.4	1.8	4.6	—	10.8	14	-8.4	1	4.4	6.1	90	—	20	15	16	13	1	1	0	0	1	5	7	14	—	0	1.36	—	—	
Sewage Works	99	155	5.9	1.0	3.5	-0.1	9.0	13	-8.5	1	—	—	90	141	20	15	20	13	—	—	—	—	—	—	5	15	—	—	—	—	—	
Lyonshall	21-9	68	7.3	2.9	5.1	+0.6	10.1	5	-1.3	7	4.7	6.0	95	185	23	15	19	16	2	1	0	0	0	1	3	10	8	0	1.37	54	—	
Ross-on-Wye	99	84	6.7	—	—	—	9.2	28	—	—	—	—	84	195	17	15	18	14	—	0	—	—	—	—	5	—	—	—	1.28	—	—	
Preston Wynne																																
Gloucester																																
Filton	21-9	59	7.4	3.1	5.3	+0.9	10.1	28	-0.7	7	—	—	74	134	18	3	21	16	1	0	0	0	0	2	2	10	8	0	1.51	—	—	
Hempsted	99	12	7.4	1.6	4.5	—	10.3	28	-8.7	1	5.2	7.1	68	134	15	2	19	11	1	0	1	0	0	1	6	10	—	0	1.51	—	—	
Gloucester	21-9	24	7.8	3.8	5.8	—	10.7	14:28	0.3	7	—	—	66	—	16	3	20	12	2	0	0	0	0	1	1	0	6	6	0	1.67	—	—
Cheltenham	99	65	7.1	2.1	4.6	+0.5	9.8	7	-5.9	1	—	—	80	167	20	2	23	12	—	—	—	—	—	2	—	—	—	—	1.53	—	—	
Cirencester	99	135	6.6	1.5	4.1	—	9.2	29	-8.0	1	—	—	91	146	23	3	19	15	1	0	0	0	0	5	5	12	—	0	—	—	—	
Little Rissington	21-9	226	5.4	1.5	3.5	—	7.9	29	-2.3	1	—	—	79	139	22	3	22	13	8	2	0	1	0	10	4	(9)	8	0	1.17	—	—	
5 ENGLAND SE																																
Greater London																																
Kensington Palace	99	25	8.0	3.0	5.5	+0.8	10.8	25	-5.4	1	5.3	6.5	45	106	8	11	17	14	0	0	0	0	0	2	2	14	—	0	—	—	—	
Hampstead	99	137	6.9	2.1	4.5	+1.0	10.7	25	-7.0	1	—	—	53	115	8	11	16	13	1	1	0	0	0	—	2	8	—	0	1.13	52	S	
St James Park	99	4	8.4	3.6	6.0	+1.1	12.0	4	-4.1	1	—	—	49	130	9	11	14	14	0	—	0	0	0	—	1	12	—	0	—	—	—	
London Weather Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.15	65	—	
Greenwich	99	7	8.0	2.6	5.3	—	10.7	25	-6.2	1	—	—	38	97	7	11	17	11	1	0	0	0	0	4	2	11	—	0	1.00	56	—	
Heathrow	21-9	25	7.8	2.9	5.3	+1.0	11.7	25	-0.9	10	—	—	43	106	8	11	16	12	1	1	1	0	0	1	2	10	6	0	1.21	—	—	
Hampton	99	12	7.7	2.5	5.1	—	11.8	25	-7.6	1	—	—	50	128	9	11	16	14	0	1	0	1	0	2	2	12	—	0	1.27	—	—	
Wealdstone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	—	—	
Southgate	99	67	7.4	2.4	4.9	—	11.0	25	-0.6	10	5.2	—	51	120	7	11	16	13	1	0	0	0	0	1	3	11	—	0	1.28	—	—	
Kew	21-9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
psychrometer screen	—	—	7.7	2.2	4.9	—	11.5	25	-4.4	10	4.8	6.2	46	117	8	11	17	11	1	0	0	0	0	2	7	12	11	0	1.27	56	—	
Waddon	99	59	8.0	2.4	5.2	+0.9	12.5	25	-8.5	1	—	—	65	127	12	14	12	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Addington	99	144	6.8	2.1	4.5	+0.9	11.8	25	-5.4	1	—	—	62	118	11	11	18	15	—	—	—	—	—	2	2	—	—	—	—	—	—	—
Bromley	99	65	6.6	2.9	4.7	+0.5	11.0	25	-3.0	1	—	—	50	111	9	11	17	13	—	1	—	—	—	2	1	—	—	—	—	—	—	—
Surrey																																
Gatwick	21-9	59	7.4	2.1	4.7	+0.9	12.1	25	-2.5	10	—	—	71	128	13	11	19	12	1	1	1	0	0	3	7	14	11	0	1.29	—	—	
Wisley	99	35	7.7	2.4	5.1	+1.0	10.6	25	-7.8	1	5.2	6.3	59	—	9	11	18	12	0	0	0	0	1	6	3	14	—	3	1.10	—	—	
Mickleham	99	55	7.5	1.2	4.3	—	11.8	25	-2.0	1	4.4	5.5	75	127	12	15	17	13	1	0	1	0	1	0	2	11	17	—	0	—	—	—
Kent																																
Hadlow College	99	30	7.8	1.6	4.7	—	11.4	25	-12.5	1	5.0	6.4	37	—	6	5	18	10	0	1	0	1	0	3	8	15	—	0	1.31	—	—	
Gillingham	99	4	7.6	2.2	4.9	—	10.5	5	-10.7	1	—	—	35	79	7	18	16	9	—	—	—	—	—	—	2	—	—	—	—	—	—	—
Peckham	21-9	29	7.5	1.8	4.7	—	11.8	25	-2.4	10	—	—	39	—	8	11	16	11	1	1	0	0	0	3	9	14	14	0	1.98	—	—	
Dungeness	99	3	7.5	4.2	5.9	+1.6	9.5	6	-7.7	1	—	—	41	98	10	11	20	12	0	0	0	0	0	1	1	—	—	1	—	—	—	
Whitstable	99	3	7.8	2.8	5.3	—	11.1	6	-2.2	1	—	—	38	113	9	11	21	10	0	1	0	0	0	0	2	—	—	1	1.68	—	—	
Folkestone	99	31	7.5	2.0	4.7	—	10.1	6	-10.2	1	—	6.2	42	—	11	11	22	10	1	1	1	0	0	1	6	12	—	4	—	—	—	
Elmstone	99	9	7.8	1.3	4.5	—	12.2	6	-10.2	1	—	—	38	—	10	18	20	11	—	1	—	—	—	1	8	16	—	—	—	—	—	
Herne Bay	99	31	7.2	2.2	4.7	—	10.5	6	-4.5	1	—	—	38	—	10	11	17	10	0	0	0	0	0	8	3	—	—	0	1.87	—	—	
Dover	99	6	7.6	3.6	5.6	+1.1	9.9	6	-7.0	1	5.5	6.2	49	94	17	11	19	15	2	1	1	0	0	2	1	3	—	0	1.93	—	—	
Manston	21-9	44	7.0	3.0	5.0	—	10.9	6	-2.2	1	—	—	34	95	10	18	17	10	1	1	1	0	0	1	2	11	8	0	—	—	—	
Margate	99	16	7.2	3.4	5.3	+0.6	11.4	6	-6.0	1	4.9	6.2	30	—	6	11	18	12	1	1	0	0	0	5	2	3	—	2	1.57	59	S	
Goudhurst	99	85	7.1	1.4	4.3	—	10.9	25	-11.9	1	—	—	58	95	10	5	20	13	1	1	0	0	0	1	5	18	—	—	0	—	—	
East Malling	99	37	7.6	1.6	4.6	+0.8	11.8	25	-14.0	1	4.3	5.4	33	69	6	11	17	10	0	2	0	0	0	3	5	13	—	0	1.32	56	—	
Throley	99	150	6.6	1.9	4.3	—	11.3	25	-5.3	1	4.1	5.4	55	96	10	11	20	13	0	1	0	0	0	4	2	16	—	1	1.31	—	—	
Faversham	99	48	7.4	2.0	4.7	—	11.3	25	-9.8	1	4.6	5.6	45	—	9	11	18	14	0	1	0	0	0	7	1	16	—	0	1.71	—	—	
Wye	99	56	7.5	1.9	4.7	+0.9	12.4	25	-7.8	1	5.0	5.9	45	81	9	2	18	12	1	1	0	1	0	5	4	19	—	0	1.99	78	—	
Sussex																																
Thorney Island	21-9	3	7.9	3.2	5.5	—	10.1	14	-2.1	10	—	—	83	159	15	5	20	15	1	0	0	1	1	2	2	9	6	0	1.38	—	—	
Rogate	99	64	—	2.4	—	—	—	—	-2.2	10	5.7	—	104	—	18	15	17	16	0	0	0	0	0	3	3	16	—	0	—	—	—	
Bognor Regis	99	7	7.8	2.9	5.3	+0.8	10.1	14	-2.6	1	—	7.3	63	113	12	5	14	11	0	0	0	0	0	1	3	11	—	1	1.58	54	—	
Fernhurst	99	57	7.7	1.0	4.3	—	12.0	25	-8.5	1	4.6	—	87	128	13	5	21	12	0	—	0	0	0	—	9	11	—	0	1.23	—	—	
Littlehampton	99	5	7.9	3.6	5.7	+1.2	10.7	14	0.1	10	—	6.8	56	106	12	5	16	9	0	0	0	0	0	1	0	—	—	0	1.62	55	—	
North Heath	99	21	8.0	2.3	5.1	—	12.2	25	-7.0	1	5.0	6.5	80	—	13	11	17	13	0	1	0	0	0	2	4	10	—	0	1.63	—	—	
Worthing	99	2	7.9	3.4	5.7	—	10.4	23	-2.4	10	5.6	—	44	—	10	5	15	10	0	0	0	0	0	0	1	9	—	0	1.67	57	—	
Brighton	99	10	7.9	3.9	5.9	—	10.4	5:6	-1.0	10	—	7.2	48	98	9	5	17	13	0	0	0	0	0	0	1</							



Table 3 Summary of daily observations

February 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.	rainfall (terminal h 09 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 (°C)		100 cm (°C)	total fall (mm)	percentage of 1916-60 average	amount (mm)	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max. (a)	min. (b)		max.	date	min.	date																							
5 ENGLAND SE—continued																																	
Hampshire—continued																																	
Alice Holt Lodge ..	9 9	115	6.7	1.7	4.2	—	10.5	25	-5.6	1	—	—	79	135	10	11	19	13	0	1	0	0	1	5	3	15	—	0	1.21	—	—	—	
South Farnborough ..	9 9	69	7.6	2.2	4.9	+1.0	12.3	25	-2.5	10	—	—	64	131	11	11	18	12	2	0	0	0	1	5	4	12	10	0	1.26	52	—	—	
Isle of Wight																																	
St Catherine's Point ..	9 9	16	8.0	4.0	6.0	+1.2	9.7	5	0.2	25	—	—	89	161	15	5	17	15	0	—	0	0	0	1	0	—	—	0	—	—	—	—	
Ventnor ..	9 9	122	7.8	4.0	5.9	+0.8	10.2	4	-1.0	1	5.7	7.2	103	169	17	5	20	17	0	0	0	0	2	1	0	—	—	3	1.71	56	—	—	
(see Introduction)																																	
Shanklin ..	9 9	55	7.0	3.7	5.3	—	9.7	14	-0.5	1	—	—	109	161	17	5	22	17	0	—	0	0	0	7	1	—	—	0	1.51	—	—	—	
Sandown ..	9 9	4	7.8	4.3	6.1	+0.9	10.8	14	0.7	1	—	—	92	158	18	5	16	16	0	—	0	0	0	1	0	—	—	—	1.67	—	—	—	
Ryde ..	9 9	4	8.0	3.1	5.5	+0.4	10.4	5	-2.8	1	—	—	96	165	18	5	18	17	0	0	0	0	2	2	—	—	0	1.43	50	—	—	—	
Wiltshire																																	
Lacock ..	9 9	49	7.4	2.5	4.9	—	10.5	28	-1.0	1	—	—	58	105	20	3	10	9	—	0	—	—	—	2	3	10	—	—	—	—	—	—	
Lyneham ..	21-9	145	6.7	2.7	4.7	+1.0	10.0	28	-0.1	1	—	—	70	132	19	3	21	13	2	0	0	1	0	4	1	10	6	0	1.49	—	—	—	
Larkhill ..	9 9	132	7.3	2.1	4.7	+1.1	10.2	28	-5.8	1	—	—	88	173	20	3	21	14	1	1	0	0	0	7	1	11	7	0	—	—	—	—	
Boscombe Down ..	21-9	126	7.2	2.4	4.8	+0.9	11.0	28	-2.4	10	—	—	76	146	17	3	19	13	1	1	0	0	0	5	4	12	8	0	1.28	—	—	—	
Upavon ..	21-9	176	6.6	2.1	4.3	—	9.7	29	-0.7	10	—	—	94	171	20	3	22	14	2	1	0	2	0	8	2	10	8	0	—	—	—	—	
Porton ..	9 9	111	7.2	1.5	4.3	+0.7	9.9	29	-6.0	1	4.2	—	92	167	22	3	18	14	—	0	—	—	—	6	4	14	8	—	1.17	44	—	—	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ..	9 9	13	7.6	(2.1)	(4.9)	—	10.6	23	-4.6	1	—	—	48	69	27	15	14	8	—	0	—	—	—	5	7	14	—	—	2.71	—	—	—	
Bromfield ..	9 9	20	7.2	0.5	3.9	—	10.5	27	-8.4	1	—	—	38	—	9	15	15	9	2	0	1	0	0	0	11	18	18	0	—	—	—	—	
Carlisle ..	21-9	26	6.7	1.8	4.3	—	9.8	27	-7.8	1	—	—	36	—	8	3	15	10	4	2	0	0	0	1	3	21	14	0	2.08	—	—	—	
Newton Rigg ..	9 9	171	5.7	0.6	3.1	+0.2	7.7	27	-10.0	1	2.6	—	62	100	18	15	15	11	—	2	—	—	—	1*	8	22	—	—	1.85	79	—	—	
Westmorland																																	
Great Dun Fell ..	21-9	847	(-0.5)	(-2.4)	(-1.5)	—	1.7	28	-11.6	1	—	—	—	—	—	—	—	—	—	29	—	—	—	27	29	—	—	—	0.19	—	—	—	
Moor House ..	9 9	556	1.6	-1.9	-0.1	—	4.7	28	-16.0	1	1.5	—	92	64	17	3	22	17	—	25	—	—	—	8	24	27	—	—	1.08	—	—	—	
Lancashire																																	
Squires Gate ..	21-9	10	7.4	1.9	4.7	+0.6	10.3	29	-4.2	1	—	—	44	80	13	8	15	9	2	1	0	0	0	2	7	13	13	0	1.75	71	—	—	
Aigburth ..	9 9	14	7.3	2.6	4.9	—	9.0	9:17:28	-5.0	1	—	—	41	—	8	29	15	10	1	1	0	0	0	1	2	9	10	0	1.68	—	—	—	
Southport ..	9 9	5	7.2	1.4	4.3	—	10.1	29	-6.8	1	4.2	7.2	44	80	10	8:29	14	8	—	0	—	—	—	2	5	11	—	—	1.99	—	—	—	
Cartmel ..	9 9	34	6.7	1.7	4.2	—	9.4	8	-7.8	1	—	—	64	—	12	15	17	12	1	2	0	0	0	1	6	—	—	0	—	—	—	—	
Grizedale ..	9 9	91	6.3	0.1	3.2	—	8.2	29	-9.9	1	3.0	—	125	—	36	15	20	15	5	4	0	0	0	1	12	24	—	0	—	—	—	—	
Speke ..	21-9	22	7.1	2.3	4.7	—	10.4	17	-2.2	1	—	—	57	109	7	3	14	9	4	1	0	1	0	0	3	13	9	0	1.96	—	—	—	
Kirkham ..	9 9	24	7.0	1.6	4.3	—	9.4	29	-7.0	1	—	—	49	78	9	29	15	10	1	1	0	0	0	1	4	20	—	0	1.79	—	—	—	
Bailrigg ..	9 9	53	6.9	1.8	4.3	—	9.5	17	-7.5	1	—	—	52	—	12	15	12	10	—	0	—	—	—	1	4	21	—	—	1.87	—	—	—	
Morecambe ..	9 9	7	7.0	2.7	4.9	+1.0	9.4	27:29	-7.2	1	—	—	55	85	12	15	16	12	1	2	0	0	0	0	2	—	—	0	1.69	69	—	—	
Preston ..	9 9	33	6.9	2.4	4.7	—	9.7	29	-7.0	1	—	—	44	64	9	3	14	9	1	0	0	0	0	2	2	10	—	0	—	—	—	—	
Bolton ..	9 9	107	6.2	0.0	3.1	—	9.1	27	-8.2	1	3.6	4.6	59	—	13	3	14	9	—	2	—	—	—	1	10	13	—	—	1.01	—	—	—	
Stonyhurst ..	9 9	115	6.3	1.2	3.7	+0.4	9.4	27	-10.0	1	—	—	55	60	11	15	13	10	—	0	—	—	—	3	4	—	—	—	0.90	43	—	—	—
Manchester Weather Centre ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.33	—	—	—	
Helmshore ..	9 9	260	4.9	1.0	2.9	—	8.6	27	-5.9	1	(3.1)	—	93	76	15	29	17	11	—	3	—	—	—	3	6	18	—	—	—	—	—	—	
Nelson ..	9 9	165	5.6	1.1	3.3	—	9.4	27	-9.5	1	3.1	4.8	64	70	22	15	17	9	—	0	—	—	—	1	5	14	—	—	1.11	—	—	—	
Rochdale ..	9 9	110	6.2	1.3	3.7	—	10.2	27	-7.2	1	—	—	71	79	14	3	18	9	2	0	0	0	0	2	8	15	—	0	0.87	—	—	—	
Cheshire																																	
West Kirby Park ..	9 9	8	7.4	2.4	4.9	—	9.9	9:29	-4.5	1	—	—	39	76	11	8:29	16	10	—	0	—	—	—	—	2	9	—	—	1.59	—	—	—	—
Ness Gardens ..	9 9	55	7.1	1.8	4.5	—	9.9	28	-																								



Table 3 Summary of daily observations

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February 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 GMT)				weather (number of days)														bright sunshine	
				means of				highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation		snow or sleet at 09h	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average exposure		
				max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date					0.2 mm or more	1.0 mm or more	date															
8a SOUTH WALES—continued																																	
Cardigan—continued																																	
Llety-evan-hen .. ..	99	290	5.5	1.6	3.5	—	—	8.2	26	-4.7	1	—	—	82	74	14	8	20	16	2	0	0	0	0	0	2	10	—	0	1.44	60	—	
Cwmystwyth .. ..	99	301	5.3	0.7	3.0	—	—	8.1	26	-5.5	1	—	—	126	—	28	15	22	17	—	2	—	—	—	—	11	16	—	—	0.96	—	S	
Pembroke																																	
Dale Fort .. ..	99	33	(8.3)	4.3	(6.3)	—	—	10.6	26	-1.1	1	5.9	—	79	—	11	14	18	14	0	0	0	0	0	—	1	3	—	2	2.52	—	—	
Milford Haven	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Conservancy Board ..	21-9	37	8.2	4.2	6.2	—	—	10.5	15	1.5	7	—	—	109	—	15	14	18	16	0	0	0	0	0	1	0	1	1	3	—	—	—	
Orielton .. ..	99	61	(8.0)	(3.3)	(5.7)	—	—	10.0	2:14	-1.4	1	—	—	125	—	19	10	22	19	—	—	—	—	—	—	1	—	—	—	—	—	—	
Haverfordwest .. ..	99	8	8.1	1.8	4.9	—	—	9.9	28	-5.7	1	—	—	131	—	20	14	21	19	0	—	0	1	0	—	9	—	—	0	1.68	—	—	
Carmarthen																																	
Carmarthen .. ..	99	15	8.3	2.2	5.3	—	—	11.0	26	-6.5	1	5.7	7.0	135	141	22	8	21	14	0	0	0	0	0	2	8	18	—	2	1.79	—	—	
Esgairwen-Uchaf .. ..	99	332	5.1	1.1	3.1	—	—	8.0	26	-8.0	1	—	—	152	—	33	15	21	17	5	2	1	1	0	4	2	11	—	2	—	—	—	
Brynamman .. ..	21-9	183	6.9	2.5	4.7	—	—	9.4	14	-1.0	1	—	—	155	—	38	15	21	17	3	—	4	0	1	0	2	10	—	0	—	—	—	
Radnor																																	
Cenarth Mill .. ..	21-9	282	5.0	0.9	2.9	—	—	7.2	15	-3.0	4	—	—	107	—	31	15	25	15	—	2	—	—	—	4	11	21	—	—	—	—	—	
Llandrindod Wells ..	99	235	5.9	0.8	3.3	+0.2	—	9.0	14	-11.0	1	4.3	—	82	100	14	15	20	15	3	1	0	0	0	11	6	—	—	0	0.97	43	S	
Brecknock																																	
Llwynon .. ..	99	242	5.3	0.7	3.0	—	—	8.0	17	-5.9	13	—	—	166	—	39	15	21	15	2	0	0	0	0	7	6	—	—	0	1.03	—	S	
Glamorgan																																	
Mumbles .. ..	21-9	36	7.5	3.9	5.7	—	—	10.0	14	2.0	1	—	—	—	—	—	—	—	—	1	0	0	0	1	1	0	4	1	5	—	—	—	
Penmaen .. ..	99	82	7.6	3.1	5.3	—	—	9.7	8:14	-2.5	1	5.2	6.1	115	—	25	15	20	15	0	0	0	0	1	1	1	9	—	3	2.04	—	—	
Swansea .. ..	99	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Port Talbot .. ..	99	7	8.8	3.8	6.3	—	—	11.8	15	-2.2	1	—	—	112	143	17	15	18	15	0	0	2	0	0	0	1	7	—	0	2.24	—	—	
Neath .. ..	99	62	7.5	3.3	5.4	—	—	10.2	26	-3.2	1	—	—	132	—	19	8	21	17	1	0	0	0	0	0	1	10	—	0	—	—	—	
Porthcawl .. ..	99	6	8.0	3.3	5.7	—	—	10.5	15	-4.5	1	—	—	88	—	17	15	19	16	—	—	—	—	—	1	1	—	—	—	—	—	—	
Rhoose .. ..	21-9	67	7.4	3.1	5.3	—	—	10.7	15	0.4	4	—	—	91	137	17	24	22	17	2	0	1	1	1	2	0	9	6	0	1.83	68	—	
Cardiff .. ..	99	62	7.7	2.6	5.1	+0.5	—	9.7	15	-6.0	1	5.5	6.8	101	133	15	2	21	16	0	—	0	0	0	0	1	13	—	0	1.50	—	S	
Monmouth																																	
Tredegar .. ..	99	313	5.1	1.1	3.1	—	—	7.0	7:17	-8.5	1	—	—	211	152	49	15	22	20	4	2	0	1	0	13	2	14	—	0	1.12	—	—	
Newport .. ..	99	23	(7.6)	2.1	(4.9)	(+0.6)	—	10.1	26	-6.5	1	—	—	103	139	13	2	21	17	2	1	0	0	1	1	2	16	—	0	1.57	—	—	
Usk .. ..	99	21	—	—	—	—	—	—	—	—	—	(4.7)	—	121	161	29	15	19	18	—	—	—	—	—	—	—	—	—	—	1.54	—	—	
Crumbland .. ..	99	245	5.7	1.6	3.7	—	—	8.5	14	-7.0	1	3.8	5.0	132	176	23	15	23	18	2	1	0	0	0	7	1	13	—	0	1.43	—	—	
8b ENGLAND SW																																	
Somerset																																	
Hawkrigge .. ..	99	314	5.7	1.3	3.5	—	—	8.3	15	-6.0	1	—	—	152	122	20	18	28	20	3	2	1	1	1	7	5	16	—	—	1.53	—	—	
Nettlecombe .. ..	99	96	7.6	2.2	4.9	—	—	9.9	8	-3.5	1	4.7	—	129	—	18	18	20	17	1	0	0	0	1	3	3	16	—	0	—	—	—	
Cannington .. ..	99	23	7.9	2.7	5.3	—	—	10.5	5:8	-5.0	1	5.5	—	101	191	11	11:25	19	17	0	—	0	0	0	0	1	3	9	—	0	1.68	62	—
Cricket Malherbie ..	99	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cheddar .. ..	99	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Yeovilton .. ..	21-9	18	8.2	2.5	5.3	—	—	10.9	8	-1.9	10	—	—	109	—	21	2	21	18	0	0	0	0	1	1	4	6	4	2	—	—	—	
Rodney Stoke .. ..	99	40	—	—	—	—	—	10.4	8	-2.5	1	5.3	6.8	114	—	23	18	22	18	—	—	—	—	—	2	1	1	—	—	—	—	—	
Long Ashton .. ..	99	49	7.7	2.7	5.2	+0.7	—	10.4	28	-5.4	1	4.5	—	86	132	16	3	21	18	0	0	0	0	0	0	1	15	—	0	1.63	68	—	
West Camel .. ..	99	27	8.3	2.4	5.3	—	—	11.3	28	-3.6	1	—	—	120	—	20	2	21	20	1	0	1	0	1	0	3	14	—	1	—	—	—	
Downside Abbey .. ..	99	183	6.6	(2.3)	(4.5)	—	—	9.5	26	-5.4	1	—	—	112	—	16	2	20	20	—	—	—	—	—	4	1	—	—	—	—	—	—	—
Wincanton .. ..	99	114	7.4	2.4	4.9	—	—	10.4	28	-4.5	1	—	—	112	—	20	2	23	19	0	0	1	0	2	6	2	7	—	2	—	—	—	
Bath .. ..	99	118	7.2	(2.7)	(4.9)	—	—	10.1	28	-6.5	1	5.0	—	78	134	16	3	21	16	0	0	0	0	0	3	1	—	—	0	—	—	S	
Dorset																																	
Portland Bill	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Coastguard .. ..	21-9	53	8.0	4.8	6.4	—	—	9.8	28	2.6	1	—	—	98	—	16	3	17	16	1	0	0	0	0	3	0	0	0	2	2.01	—	—	
Weymouth .. ..	99	23	8.6	3.5	6.1	+0.6	—	11.0	28	-2.2	1	—	—	94	—	18	3	21	18	0	0	0	0	0	0	1	—	0	(1.89)	—	—	—	
Winfrith .. ..	99	26	8.6	2.8	5.7	—	—	10.7	29	-3.5	1	—	—	104	—	18	3	20	19	—	—	—	—	—	4	3	10	—	—	—	—	—	
Shaftesbury .. ..	99	207	6.6	0.5	3.5	0.0	—	9.9	28	-7.0	1	—	—	120	194	22	3	24	18	—	—	—	—	—	7	9	—	—	—	—	—	—	
Swanage .. ..	99	11	8.3	4.6	6.5	—	—	10.7	16	3.0	4	—	7.8	92	158	14	3	20	16	0	—	0	1	0	2	0	2	4	1.78	63	—	—	
Poole .. ..	99	8	8.3	3.2	5.7	—	—	10.6	14	-2.4	1	5.7	6.9	104	173	19	3	21	17	0	0	0	0	0	2	2	11	—	0	1.59	56	—	
Devon																																	
Virginstow .. ..	99	168	(8.0)	(2.5)	(5.3)	—	—	11.1	25	-2.0	1	—	—	141	—	25	2	23	19	0	—	0	0	0	0	2	(6)	—	0	—	—	—	
Hartland Point .. ..	21-9	91	8.0	4.0	6.0	—	—	11.6	26	1.0	23	—	—	103	154	16	8:29	22	17	0	0	0	1	2	0	0	1	1	4	2.49	92	—	
Mount Batten .. ..	21-9	27	9.0	4.7	6.9	+1.1	—	11.2	2:25	0.1	7	—	—	126	159	17	1	24	19	0	0	0	0	4	1	0	4	2	4	2.22	78	—	
Plymouth Hoe .. ..	99	36	8.7	2.8	5.7	-0.1	—	11.0	25	-1.4	1	6.4	7.2	119	153	17	1	22	20	0	0	0	2	1	0	2	9	—	1	2.25	78	—	
Tavistock .. ..	99	139	8.1	3.1	5.6	+0.8	—	10.8	14	-0.6	7	—	8.0	154	140	21	1	25	22	0	0	2	0	1	0	1	13	—	3	—	—	—	
Chivenor .. ..	21-9	6	9.0	3.9	6.5	+0.4	—	12.5	26	-0.3	7	—	—	102	155	19	8	22	16	1	0	0	3	2	2	1	8	3	0	2.21	—	—	
Prawle Point .. ..	21-9	59	—	—	—	—	—	—	—	—	—	—	—	94	—	10	17	25	23	0	0	0	0	1	0	—	—						



Table 3 Summary of daily observations

February 1972

District, county and place	terminal h (GMT)		height of station above MSL (metres)	air temperature in °C								mean earth temp		rainfall (terminal h 09 GMT)		weather (number of days)														bright sunshine			
	max.	min.		means of		daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2 mm or more	1.0 mm or more														
NORTHERN IRELAND																																	
Londonderry																																	
Coolkeeragh .. .. .	99	3	7.9	1.3	4.6	—	10.8	26	-4.7	1	—	—	—	—	15	2	18	13	3	2	0	0	0	1	7	19	—	2	—	—	—		
Loughermore Forest ..	99	174	6.6	0.7	3.7	—	10.1	28	-5.4	1	—	—	49	—	30	2	20	18	2	2	0	0	0	10	17	—	5	—	—	—	—		
Banagher Caugh Hill ..	99	216	6.3	0.4	3.3	—	9.0	28	-8.5	1	—	—	122	—	30	2	20	18	2	2	0	0	0	10	17	—	5	—	—	—	—		
Derryoyd Forest .. .. .	99	88	—	—	—	—	—	—	—	—	—	—	87	—	20	14	18	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Somerset Forest .. .. .	99	43	7.5	1.2	4.3	—	11.1	28	-3.4	1	—	—	41	—	16	11	16	11	1	0	0	0	0	5	17	—	—	—	—	—	—	—	
Coleraine University ..	99	23	7.4	1.1	4.3	—	11.1	28	-6.0	1	4.2	6.1	37	—	7	2	17	12	1	0	0	2	0	1	7	18	—	1	2.06	—	—	—	
Garvagh Forest .. .. .	99	88	6.9	-0.4	3.3	—	11.1	28	-6.0	1	3.5	5.4	80	—	18	27	19	16	2	1	0	0	0	2	16	20	—	—	—	—	—	—	
Moneydig .. .. .	21-9	34	7.5	1.2	4.3	+0.1	11.2	28	-3.7	4	4.4	—	53	73	8	2	19	13	2	1	1	0	3	8	17	13	0	—	—	—	—	—	
Traod Point .. .. .	99	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antrim																																	
Ballymoney .. .. .	99	55	7.5	1.3	4.4	—	10.8	26	-3.2	1	—	—	49	—	11	2	17	14	1	—	0	0	0	5	—	—	—	—	—	—	—	—	—
Lisnafillan .. .. .	99	38	7.6	1.1	4.3	—	10.1	28	-3.0	29	—	—	71	—	22	2	16	13	1	0	0	0	3	9	17	—	—	—	2.52	—	—	—	
Aldergrove .. .. .	21-9	68	7.2	2.2	4.7	+0.5	10.1	26	-0.8	12	3.9	6.2	60	80	21	2	19	12	8	0	0	2	0	2	11	10	0	—	2.48	108	—	—	
Greenmount .. .. .	99	32	7.2	2.0	4.6	—	10.5	28	-1.7	1	4.1	—	62	—	21	2	16	12	0	0	0	0	—	3	12	—	—	—	—	—	—	—	
Altnahinch .. .. .	99	226	5.6	0.5	3.1	—	8.8	28	-7.5	1	—	—	109	—	40	2	20	14	3	2	0	0	0	3	9	20	—	5	2.22	—	—	—	
Parkmore Forest .. .. .	99	235	5.4	0.3	2.9	—	8.3	28	-5.2	1	3.6	—	115	101	37	2	19	15	2	2	0	0	2	13	20	—	2	—	—	—	—	—	
Black Mountain .. .. .	21-9	295	5.1	1.2	3.1	—	8.2	28	-0.8	13	—	—	71	—	23	2	19	14	3	2	1	0	0	7	6	—	—	1	—	—	—	—	
Lowtown .. .. .	99	271	5.2	-0.1	2.5	—	7.8	28	-5.0	1	3.3	—	105	—	31	2	15	13	3	2	0	0	6	12	22	—	2	1.97	—	—	—	—	
Ballypatrick Forest ..	99	152	6.3	1.2	3.7	—	9.8	28	-4.0	1	—	—	115	129	37	2	17	14	1	1	0	0	1	5	16	—	3	2.02	—	—	—	—	
Belfast Malone .. .. .	99	35	7.4	1.3	4.3	—	10.5	28	-7.5	1	4.5	—	85	—	28	2	20	13	1	—	0	0	3	4	20	—	1	—	—	—	—	—	
Newtownabbey .. .. .	99	32	7.4	2.6	5.0	—	10.1	26:28	-3.0	1	4.5	—	73	—	21	2	19	15	1	0	0	0	1	2	18	—	0	2.14	—	S	—	—	
Woodburn North .. .. .	99	217	5.6	0.3	2.9	—	8.4	28	-4.2	1	—	—	95	104	20	2	19	17	2	2	0	0	8	14	20	—	—	—	—	—	—	—	
Larne .. .. .	99	43	7.5	1.9	4.7	—	9.4	13:27	-2.2	1	—	—	111	138	29	2	19	17	1	0	0	0	0	2	—	—	—	0	—	—	—	—	
Kilroot .. .. .	99	22	7.7	2.0	4.9	—	(9.5)	26	-1.8	1	—	—	87	—	20	2	17	16	1	0	0	0	0	3	13	—	—	—	—	—	—	—	
Ballylumford .. .. .	99	24	7.5	2.8	5.1	—	9.4	28	-3.0	1	—	—	109	—	25	2	19	14	—	—	—	—	—	1	13	—	—	—	—	—	—	—	
Down																																	
Hillsborough .. .. .	99	116	6.7	1.6	4.1	+0.1	9.6	28	-4.3	1	4.2	5.9	80	121	27	2	17	13	1	1	0	0	0	17	13	—	0	2.46	106	—	—	—	
Kilkeel .. .. .	21-9	18	7.6	3.2	5.4	+0.3	10.1	28	-3.5	1	—	—	80	—	20	2	16	9	0	0	0	0	0	1	10	11	2	—	2.48	—	—	—	
Rosetta .. .. .	99	24	7.5	1.9	4.7	—	10.3	26:27:28	-4.5	1	—	—	94	—	26	2	22	14	1	1	—	—	—	1	4	—	—	—	—	—	—	—	
Murlough .. .. .	99	9	7.7	2.2	4.9	—	10.3	28	-3.4	1	4.2	5.3	107	—	21	27	18	15	0	0	0	0	0	3	19	—	3	2.22	—	—	—	—	
Belfast Rosebank .. .. .	99	47	7.5	2.3	4.9	—	10.0	28	-2.0	1	—	—	111	—	23	2	18	16	—	0	—	—	—	4	—	—	—	—	—	—	—	—	
Stormont Castle .. .. .	99	56	7.0	2.1	4.5	—	10.4	26:27	-2.1	1	3.8	5.3	100	146	20	2	19	15	1	1	0	0	2	3	17	—	—	2.22	—	—	—	—	
Downpatrick .. .. .	99	26	7.9	2.1	5.0	—	10.8	28	-4.8	1	—	—	90	—	22	2	17	16	1	—	0	0	9	4	15	—	0	—	—	—	—	—	
Creightons Green .. .. .	99	119	6.4	1.5	3.9	—	8.8	28	-3.0	1	—	—	109	—	21	14	19	15	2	1	0	0	0	4	18	—	1	—	—	—	—	—	
Cross Island .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Helens Bay .. .. .	99	43	7.1	2.4	4.7	—	9.3	28	-2.0	1	—	—	106	—	23	2	19	15	1	1	0	0	0	1	21	—	1	2.41	—	—	—	—	
Killough .. .. .	21-9	15	7.4	3.4	5.4	—	10.5	28	-0.4	4	—	—	68	—	17	2	17	14	0	0	0	0	0	2	12	5	9	—	—	—	—	—	
Ballywalter Park .. .. .	—	11	—	—	—	—	—	—	—	—	—	—	83	142	19	2	19	15	—	—	—	—	—	—	—	—	—	—	2.34	—	—	—	
Armagh																																	
Armagh .. .. .	99	62	7.5	1.1	4.3	-0.3	11.5	28	-5.9	1	4.2	5.9	54	96	15	2	16	11	1	0	0	1	0	1	7	21	—	0	2.41	103	—	—	
Loughgall .. .. .	99	25	7.5	1.2	4.3	—	10.7	28	-7.0	1	—	—	54	102	17	2	17	10	2	0	0	0	0	2	6	21	—	2	2.54	—	—	—	
Tandragee .. .. .	99	43	7.9	1.8	4.9	—	10.2	28	-3.0	1	—	—	71	—	15	2	18	14	—	—	—	—	—	6	—	—	—	—	—	—	—	—	
Bessbrook .. .. .	—	76	—	—	—	—	—	—	—	—	—	—	100	137	25	2	20	15	2	0	0	0	—	—	—	—	—	—	—	—	—	—	
Portadown .. .. .	99	16	7.7	2.0	4.9	—	10.8	28	-5.4	1	4.6	6.1	64	—	16	2	18	11	0	—	0	0	—	5	18	—	—	—	—	—	—	—	
Lurgan .. .. .	99	55	7.3	1.6	4.5	—	10.9	28	-4.2	1	3.9	5.7	58	—	18	2	17	10	—	—	—	—	—	5	19	—	—	—	—	—	—	—	
Tyrone																																	
Lough Bradan .. .. .	99	169	6.4	0.8	3.6	—	10.4	28	-2.5	23	—	—	90	—	13	14	18	17	—	1	—	—	—	11	17	—	—	—	—	—	—	—	
Baronscourt Forest ..	99	88	7.3	1.5	4.4	—	10.3	28	-5.5	1	4.2	6.0	70	—	15	14	18	12	0	0	0	0	0	6	20	—	—	—	—	—	—	—	
Strabane Convent .. ..	99	44	7.9	2.1	5.0	—	11.5	28	-2.0	1	—	—	54	—	11	14	17	11	1	0	0	0	0	3	17	—	3	2.68	—	—	—	—	
Carrigans .. .. .	21-9	113	7.2	1.8	4.5	—	10.6	28	-1.0	1:13	—	—	74	—	14	14	20	15	2	1	1	0	2	3	17	10	0	—	—	—	—	—	
Lislap Forest .. .. .	99	209	6.5	0.9	3.7	—	10.0	26	-4.4	1	3.7	—	107	111	27	14	19	16	2	2	—	—	—	0	7	17	—	—	—	—	—	—	
Knockmany Forest ..	99	73	7.5	0.5	4.0	—	11.0	28	-8.6	1	—	—	74	98	14	14	18	14	1	0	0	0	4	9	19	—	—	—	—	—	—	—	
Pomeroy Forest .. .. .	99	1																															



Table 4 Summary of observations at fixed hours

February 1972

height of barometer above MSL (metres)		hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Table 4 Summary of observations at fixed hours

February

1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity			cloud amount					visibility							wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW	
								mean	0	1 - 2	3 - 5	6 - 7												8	speed (kt)													
																									34 or more	22-33	11-21	1-10	0									
number of observations																																						
6a SCOTLAND W-continued																																						
Eskdalemuir, Dumfriesshire																																						
237	3	1007.7	—	1.5	0.5	6.3	93	6.4	1	3	4	3	18	0	0	0	0	1	3	6	10	8	1	0	0	0	5	17	7	2	5	4	2	5	3	0	1	0
	9	1006.7	-6.6	2.0	0.6	6.4	90	7.1	0	2	0	10	17	0	0	0	0	1	2	12	9	4	0	0	0	0	8	17	4	3	6	3	3	8	1	1	0	0
	15	1006.8	—	3.8	1.0	6.8	84	7.3	0	1	0	10	18	0	0	0	0	1	3	13	10	2	0	0	0	0	12	16	1	0	5	7	4	8	3	0	1	0
	21	1007.6	—	2.6	0.6	6.7	91	6.6	0	3	3	6	17	0	0	0	0	2	2	15	5	3	0	0	0	2	3	22	2	1	7	4	4	7	3	1	0	0
6b ISLE OF MAN																																						
Ronaldsway																																						
21	3	1005.9	—	5.3	1.3	7.2	81	6.3	2	2	2	10	13	0	0	0	0	0	2	8	8	6	5	0	2	17	10	0	5	2	8	4	7	0	3	0	0	
	9	1006.1	-7.9	5.2	1.1	7.3	82	6.0	0	6	1	11	11	0	0	0	0	1	3	4	10	6	5	0	5	13	11	0	3	4	7	5	7	1	2	0	0	
	15	1005.3	—	6.7	1.5	7.6	77	6.1	0	4	5	7	13	0	0	0	0	2	2	4	11	6	4	1	3	16	9	0	1	3	9	4	5	2	5	0	0	
	21	1006.2	—	5.8	1.4	7.3	79	5.6	1	5	3	12	8	0	0	0	0	1	3	2	13	4	6	0	1	20	8	0	4	3	5	4	7	4	2	0	0	
Point of Ayr																																						
9	3	1006.0	—	4.8	0.6	7.7	89	4.8	5	4	6	2	12	0	0	0	0	0	1	1	5	11	6	5	1	4	15	9	0	2	4	6	8	6	2	1	0	0
	9	1006.0	—	4.8	0.6	7.7	89	6.2	0	3	7	4	15	0	0	0	0	1	2	3	13	6	4	3	2	16	7	1	1	7	3	10	4	2	1	0	0	
	15	1005.4	—	6.4	1.0	8.2	85	5.9	1	4	6	3	15	0	0	0	0	1	1	6	7	10	3	1	4	18	6	0	1	4	3	13	2	4	2	0	0	
	21	1006.1	—	4.9	0.7	7.7	88	4.0	5	9	3	6	6	0	0	0	0	1	0	1	4	8	6	9	1	2	14	12	0	1	2	6	8	7	4	1	0	0
2 ENGLAND NE																																						
Acklington, Northumberland																																						
46	3	1008.1	—	2.4	0.4	6.9	93	5.8	3	4	2	4	16	0	0	0	1	0	4	4	10	6	2	2	0	0	6	17	6	1	1	6	5	6	0	3	1	0
	9	1008.5	-4.2	3.3	0.5	7.1	91	6.8	0	3	1	11	14	0	0	0	0	0	12	11	4	1	1	0	0	8	21	0	2	1	7	5	8	1	5	0	0	
	15	1007.5	—	5.3	1.0	7.6	86	7.0	0	0	3	12	14	0	0	0	0	2	11	7	6	1	2	0	2	6	21	0	1	3	7	4	8	0	6	0	0	
	21	1007.9	—	3.8	0.5	7.5	92	5.6	6	3	0	2	18	0	0	0	0	3	11	8	5	1	1	0	0	10	19	0	2	3	4	5	9	2	3	1	0	0
Tynemouth, Northumberland																																						
40	3	1008.4	—	4.0	0.6	7.3	89	5.9	4	1	4	4	16	0	0	0	0	0	3	10	13	3	0	0	3	12	13	1	0	1	7	1	12	4	2	1	0	0
	9	1008.7	-4.5	4.1	0.7	7.3	88	7.1	0	1	1	6	20	0	0	0	0	0	2	9	10	6	2	0	0	4	17	8	0	0	2	7	2	11	3	4	0	0
	15	1007.8	—	5.4	1.0	7.5	84	7.4	0	1	1	9	18	0	0	0	0	0	1	8	14	5	1	0	2	3	14	9	1	2	2	7	2	10	0	5	0	0
	21	1008.0	—	4.8	0.7	7.7	89	6.2	2	4	2	2	19	0	0	0	0	0	1	2	18	7	1	0	1	3	14	11	0	1	2	7	3	11	4	1	0	0
Seahouses, Northumberland																																						
12	3	1008.0	—	3.6	0.9	6.7	84	5.7	2	4	5	3	15	0	0	0	0	0	1	3	14	8	2	1	0	1	9	18	1	0	3	5	2	14	2	2	0	0
	9	1008.4	—	4.1	0.9	7.0	85	6.7	0	2	3	10	14	0	0	0	0	0	0	9	13	4	1	2	0	2	12	14	1	0	3	7	1	10	3	3	1	0
	15	1007.4	—	5.6	1.2	7.5	82	7.0	0	1	3	9	16	0	0	0	0	0	2	9	9	5	1	3	0	3	10	16	0	1	4	5	3	10	0	6	0	0
	21	1007.8	—	4.8	0.9	7.4	85	5.9	3	4	2	3	17	0	0	0	0	0	0	6	12	8	1	2	0	1	12	16	0	0	3	7	1	11	4	3	0	0
Leeming, Yorkshire N.R.																																						
33	3	1008.3	—	2.9	0.5	6.9	91	6.0	4	3	1	3	16	2	0	2	1	2	7	4	5	4	2	2	0	0	4	23	2	4	6	1	1	12	1	1	1	0
	9	1008.5	-5.4	3.3	0.6	7.0	90	7.1	0	2	1	7	18	1	0	1	2	0	6	3	12	4	0	1	0	0	4	23	2	3	3	3	3	12	0	1	2	0
	15	1007.6	—	5.8	1.3	7.5	81	6.9	0	2	3	6	18	0	0	0	0	0	3	8	7	1	2	0	0	10	19	0	0	3	3	4	4	9	1	5	0	0
	21	1008.1	—	4.3	0.7	7.4	89	6.0	4	3	1	2	19	0	0	0	0	3	9	6	4	1	3	0	0	5	23	1	2	7	1	2	11	3	1	1	0	0
Whitby Coastguard, Yorkshire N.R.																																						
66	3	1008.1	—	3.5	0.5	7.2	91	5.2	4	5	3	2	15	0	0	0	0	4	4	11	10	0	0	0	3	9	17	0	0	2	6	7	11	1	1	1	0	0
	9	1008.6	—	3.8	0.6	7.3	90	7.1	0	1	1	7	16	0	0	0	0	0	1	6	13	9	0	0	0	3	14	11	1	1	1	6	5	11	2	2	0	0
	15	1007.8	—	5.2	0.9	7.5	86	7.1	0	0	4	1	16	0	0	0	0	0	1	5	14	9	0	0	1	3	10	13	2	0	4	3	8	7	2	3	0	0
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kilnsea, Yorkshire E.R.																																						
16	3	1008.5	—	3.7	0.5	7.3	91	5.8	4	4	1	2	17	1	0	0	0	1	0	6	8	14	0	0	0	4	21	3	1	0	2	7	2	11	3	3	0	0
	9	1008.5	-5.5	3.9	0.5	7.4	92	7.1	0	2	2	6	19	0	0	0	0	4	9	10	6	0	0	1	8	15	4	1	0	0	2	7	5	10	1	3	0	0
	15	1007.9	—	5.1	0.7	7.8	89	6.7	0	2	6	4	17	0	0	0	0	1	13	7	8	0	0	2	2	22	3	0	0	0	4	5	5	9	1	4	1	0
	21	1008.5	—	4.4	0.6	7.6	91	5.5	6	0	3	5	15	0	0	0	0	0	1	8	9	11	0	0	1	7	15	5	1	0	2	6	2	13	1	4	0	0
Waddington, Lincolnshire																																						
69	3	1008.1	—	2.8	0.3	7.1	94	6.3	3	1	3	5	17	0	0	0	0	0	11	3	9	5	1	0	0	0	10	19	0	2	4	6	7	5	4	1	0	0
	9	1008.4	-6.5	3.2	0.4	7.2	93	7.0	1	2	0	7	17	2	0	1	1	6	5	11	4	0	0	0	0	0	16	13	0	2	3	7	7	6	2	2	0	0
	15	1007.4	—	5.4	0.8	7.9	88	7.0	0	2	2	6	19	0	0	0	0	3	6	12	6	2	0	0	1	16	12	0	2	5	5	6	5	3	3	0	0	
	21	1008.4	—	3.8	0.4	7.5	93	5.7	6	2	0	6	15	0	0	1	1	7	4	12	3	0	0	0	1	16	12	0	2	4	5	9	2	7	0	0	0	
Binbrook, Lincolnshire																																						
109	3	1008.7	—	2.8	0.4	7.0	92	6.3	4	1	1	5	17	1	0	1	0	4	3	4	14	3	0	0	0	1	12	16	0	2	4	4	8	8	2	1	0	0
	9	1008.9	—	3.0	0.4	7.1	94	7.1	0	3	0	5	20	1	0	0	2	2	4	7	9	5	0	0	0	1	15	12	1	1	4	6	5	9	2	1	0	0
	15	1008.0	—	4.9	0.7	7.7	88	7.1	0	1	2	10	16	0	0	0	0	2	8	12	5	1	1	0	1	22	6	0	1	6	4	5	8	1	4	0	0	
	21	1008.7	—	3.4	0.5	7.2	92	5.4	3	6	1	5	14	0	0	0	1	1	2	10	12	3	0	0	0	2	13	14	0	1	5	3	5	10	5	0	0	0
Manby, Lincolnshire																																						
14	3	1008.6	—	3.0	0.4	7.2	94	6.4	5	0	0	4	20	0	0	0	1	0	5	3	16	4	0	0	0	0	11	18	0	1	4	4	11	5	3	1	0	0
	9	1008.8	-5.6	3.5	0.5	7.3	93	7.																														



February 1972

[illegible]



Table 4 Summary of observations at fixed hours

February 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility						wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas						sky obscured	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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Dungeness, Kent	7	3	1008.7	-	5.8	0.6	8.4	91	5.0	9	0	3	3	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																							
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1-2	3-5	6-7												8	8 or more	22-33	11-21	1-10	0														
																																						speed (kt)					
																																						number of observations					
8a SOUTH WALES - continued																																											
Rhoose, Glamorgan																																											
69	3	1006.1	-	4.3	0.5	7.6	92	6.5	0	4	2	5	17	1	0	0	1	0	6	7	10	3	1	0	1	14	11	3	2	9	3	5	2	1	4	0	1						
	9	1006.1	-9.9	4.5	0.5	7.7	91	7.0	0	1	3	11	14	0	0	0	1	2	3	11	7	3	1	0	1	15	12	1	2	9	5	6	2	1	2	1	0						
	15	1005.7	-	6.8	1.1	8.3	84	6.3	0	3	4	10	12	0	0	0	1	0	3	10	8	6	1	0	1	11	17	0	2	7	4	4	5	1	6	0	0						
	21	1007.0	-	5.2	0.7	7.9	89	6.2	1	3	5	3	17	0	0	0	1	1	2	11	10	3	1	0	1	12	13	3	1	6	3	7	0	5	0	0							
8b ENGLAND SW																																											
Yeovilton, Somerset																																											
23	3	1006.9	-	4.8	0.8	7.6	88	6.7	1	2	4	3	18	1	0	0	1	0	3	10	11	4	0	0	0	3	12	11	3	2	5	4	7	6	1	1	0						
	9	1006.8	-	5.3	0.8	7.9	88	6.9	0	1	4	7	16	1	0	0	1	0	2	13	5	8	0	0	0	3	14	8	4	1	7	1	6	5	0	2	3						
	15	1006.5	-	7.8	1.7	8.1	77	6.7	0	1	8	5	15	0	0	0	0	1	7	11	5	5	0	0	4	16	8	1	3	7	0	5	6	1	4	2							
	21	1007.8	-	5.5	0.9	7.9	87	5.9	2	3	5	3	16	0	0	0	0	2	11	7	8	1	0	1	0	14	12	2	3	4	2	6	9	1	1	1							
Portland Bill Coastguard, Dorset																																											
54	3	1006.6	-	6.1	0.7	8.5	90	6.4	1	3	4	4	17	0	0	0	0	1	2	15	6	4	1	0	9	11	8	1	3	1	7	4	5	4	2	2							
	9	1006.5	-	6.0	0.5	8.6	92	6.6	1	0	5	11	11	0	0	1	0	2	6	10	5	5	0	1	8	13	7	0	3	6	5	2	8	0	3	2							
	15	1006.4	-	7.3	0.8	9.0	89	6.5	1	3	2	9	14	0	0	0	0	6	2	13	4	4	0	0	5	15	9	0	1	4	4	5	6	1	7	1							
	21	1007.6	-	6.6	0.6	8.9	91	5.8	1	5	3	8	12	0	0	0	0	5	17	3	2	2	0	5	13	11	0	2	3	3	3	7	7	3	1	0							
Hartland Point, Devon																																											
93	3	1006.0	-	5.6	0.5	8.4	92	6.0	2	5	2	3	17	0	0	0	0	0	5	13	10	1	1	4	11	13	0	0	6	4	3	8	5	3	0	0							
	9	1005.9	-	5.6	0.6	8.3	91	6.8	0	1	5	8	15	0	0	0	0	0	6	16	7	0	0	6	10	13	0	0	7	2	4	11	0	4	0	0							
	15	1005.6	-	7.1	1.1	8.5	85	6.1	0	3	6	10	10	0	0	0	0	0	9	11	9	0	0	3	10	16	0	0	7	3	1	4	6	6	2	2							
	21	1007.2	-	5.8	0.7	8.2	89	4.9	1	8	4	7	9	0	0	0	0	0	5	11	13	0	2	3	9	15	0	0	7	2	0	10	4	4	2	2							
Mount Batten, Devon																																											
30	3	1005.7	-	6.0	0.8	8.3	89	6.7	0	3	3	5	17	1	0	0	1	0	1	13	10	2	0	0	3	13	12	1	2	4	7	5	5	1	3	1							
	9	1005.9	-10.5	6.1	0.6	8.6	91	6.9	0	1	3	9	16	0	0	0	0	3	2	16	5	3	0	1	3	9	15	1	2	6	6	4	6	1	2	1							
	15	1006.1	-	8.1	1.4	8.7	81	6.4	0	3	4	12	10	0	0	0	0	1	1	12	5	10	0	1	3	14	10	1	1	5	2	2	8	4	3	3							
	21	1007.2	-	6.6	0.9	8.5	87	5.8	1	4	5	7	12	0	0	0	0	2	0	14	11	2	0	1	3	12	13	0	1	5	5	2	6	4	5	1							
Chivenor, Devon																																											
7	3	1005.5	-	5.2	0.8	7.7	87	6.7	2	2	2	5	17	1	0	1	0	0	2	11	7	7	1	0	2	8	18	1	1	2	17	4	1	1	1	0							
	9	1005.7	-10.3	5.7	0.9	8.0	86	6.8	0	2	1	13	13	0	0	0	1	0	2	7	10	7	2	0	1	10	17	1	2	4	9	8	2	1	0	2							
	15	1005.5	-	8.3	1.8	8.3	76	6.2	0	2	7	10	10	0	0	0	0	0	1	9	5	13	1	0	2	13	14	0	2	3	6	3	6	1	6	2							
	21	1006.8	-	5.8	0.9	8.0	86	5.3	3	5	4	6	11	0	0	0	0	0	2	14	6	6	1	0	1	7	17	4	1	3	9	5	3	2	1	1							
Prawle Point, Devon																																											
-	3	-	-	-	-	-	-	6.2	0	5	4	3	17	0	0	0	0	1	4	18	5	1	0	3	7	8	11	0	4	3	5	3	6	2	4	2	0						
	9	-	-	-	-	-	-	6.9	0	1	6	2	20	0	0	0	0	0	3	16	8	2	0	5	5	7	11	1	4	3	5	0	10	0	6	0							
	15	-	-	-	-	-	-	6.7	0	1	6	9	13	0	0	0	0	1	0	15	10	2	0	3	7	8	11	0	5	2	3	0	7	3	8	1							
	21	-	-	-	-	-	-	5.1	3	6	4	2	14	0	0	0	0	1	2	15	8	2	0	5	7	6	10	1	5	0	4	3	5	3	7	1							
Exeter, Devon																																											
38	3	1006.1	-	5.0	0.7	7.9	90	6.8	0	3	2	5	19	0	0	1	0	0	2	3	9	8	6	0	0	2	11	11	5	1	8	1	6	4	2	1	1						
	9	1006.3	-10.0	5.2	0.6	8.1	91	6.9	0	2	3	7	15	2	0	2	1	0	1	11	7	5	1	0	0	2	12	15	2	5	1	6	6	1	1	2							
	15	1006.0	-	7.5	1.3	8.5	82	6.9	0	1	2	15	11	0	0	0	0	0	2	11	7	5	4	0	3	10	16	0	5	4	1	5	9	0	3	2							
	21	1007.3	-	5.6	0.8	8.0	88	5.4	2	6	3	6	12	0	0	0	1	1	2	9	12	4	0	0	1	9	17	2	3	4	1	6	9	1	2	1							
Scilly, Cornwall																																											
61	3	1004.4	-	7.2	1.1	8.6	84	5.5	2	5	5	1	16	0	0	0	0	0	11	8	8	2	1	4	10	11	3	2	3	3	1	9	4	3	1	1							
	9	1004.4	-11.4	7.4	1.1	8.7	83	5.9	0	5	9	13	7	0	0	0	0	2	9	6	9	3	0	1	11	13	4	0	5	4	1	4	6	3	2	2							
	15	1005.0	-	8.5	1.7	8.6	77	5.5	0	5	7	9	8	0	0	0	0	2	9	6	11	1	1	1	12	13	2	2	2	3	2	3	7	6	2	2							
	21	1006.2	-	7.3	1.3	8.4	81	4.7	2	10	3	3	11	0	0	0	0	1	9	9	9	1	0	2	11	12	4	3	2	4	1	5	6	2	2	2							
Gwennap Head, Cornwall																																											
70	3	1004.4	-	6.9	0.6	9.2	92	6.2	0	4	6	4	15	0	0	0	0	2	11	6	8	2	3	7	9	10	0	2	4	4	2	5	8	2	2	3							
	9	1004.8	-	7.0	0.6	9.2	92	6.4	0	1	6	10	11	1	0	0	1	0	12	5	8	2	1	5	13	10	0	0	5	4	1	7	7	2	2	3							
	15	1005.0	-	7.9	0.9	9.3	87	5.9	0	3	6	9	11	0	0	0	0	2	9	8	10	0	2	8	10	7	2	3	5	2	1	0	11	4	1	1							
	21	1006.2	-	7.3	0.7	9.3	90	4.6	4	6	6	3	10	0	0	0	0	2	9	6	11	1	1	7	13	8	0	2	3	3	2	5	7	6	1	1							
St Mawgan, Cornwall																																											
107	3	1005.2	-	5.5	0.6	8.2	91	6.5	1	2	2	9	15	0	0	0	0	4	12	10	3	0	0	7	9	11	2	1	6	4	2	10	2	0	2	2							
	9	1005.3	-10.6	5.7	0.6	8.4	91	6.6	0	2	3	13	11	0	0	0	0	3	14	4	7	1	0	4	12	13	0	1	5	4	3	11	1	2	2	2							
	15	1005.6	-	7.5	1.5	8.3	80	6.7	0	0	4	17	8	0	0	0	0	2	9	9	7	2	0	5	13	10	1	3	5	2	1	7	3	5	2	1							
	21	1006.8	-	5.5	0.7	8.1	89	5.7	1	4	4	12	8	0	0	0	0	1	2	9	11	6	0	0	2	10	13	4	2	5	2	3	7	5	0	1							
NORTHERN IRELAND																																											
Moneydig, Co. Londonderry																																											
35	9	1004.6	-	3.2	0.5	7.1	91	6.8	0	1	2	16	9	1	0	1	0	2	1	3	11	4	7	0	0	1	9	19	0	3	1	2	7	12	1	1							
	15	1003.9	-	6.8	1.6	7.7	78	5.7	0	6	6	8	9	0	0	0	0	2	13	5	9	0	0	2	4	13	0	1	1	4	9	8	1	5	0	0							
	21	1005.0	-	3.7	0.6	7.2	89	5.2	3	5	4	7	9	1	0	1	0	2	14	3	8	0	0	0	2	4	23	0	2	0	5	4	11	2	3	2							
Aldergrove, Co. Antrim																																											
73	3	1005.1	-	4.1	0.8	7.1	87	6.0	2	3	3	10	11	0																													



Table 5 Number of days with maximum and minimum temperatures between given limits

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Station	maximum °C							minimum °C							Station	maximum °C							minimum °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 (psychrometer) .. ..	0	8	21	0	0	0	0	0	0	0	0	0	27	2	0	0	Edgbaston .. .. .	1	8	20	0	0	0	0	0	0	0	0	0	2	26	1	0	0
Lerwick (large screen) .. ..	0	8	21	0	0	0	0	0	0	0	0	0	25	2	0	0	Kew (psychrometer) .. .. .	0	5	23	1	0	0	0	0	0	0	0	0	6	19	4	0	0
Stornoway .. .. .	0	1	28	0	0	0	0	0	0	0	0	0	5	21	3	0	0	Kew (north-wall screen) .. .. .	0	4	24	1	0	0	0	0	0	0	2	22	5	0	0	
Craibstone .. .. .	0	13	16	0	0	0	0	0	0	0	0	0	10	19	0	0	0	Hastings .. .. .	0	3	24	2	0	0	0	0	0	0	0	1	20	8	0	0
Rothsay .. .. .	0	3	26	0	0	0	0	0	0	0	0	0	3	25	1	0	0	Southampton .. .. .	0	1	27	1	0	0	0	0	0	0	0	1	23	5	0	0
Abbotsinch .. .. .	0	3	26	0	0	0	0	0	0	0	0	1	5	21	2	0	0	Stonyhurst .. .. .	0	6	23	0	0	0	0	0	0	0	1	23	0	0	0	
Eskdalemuir (psychrometer) ..	1	15	13	0	0	0	0	0	0	0	1	13	15	0	0	0	0	Rhyl .. .. .	0	5	22	2	0	0	0	0	0	0	1	1	27	0	0	0
Eskdalemuir (large screen) ..	1	12	16	0	0	0	0	0	0	0	1	8	20	0	0	0	0	Valley .. .. .	0	0	28	1	0	0	0	0	0	0	0	0	21	8	0	0
Douglas .. .. .	0	3	26	0	0	0	0	0	0	0	0	1	26	2	0	0	0	Rhoose .. .. .	0	5	23	1	0	0	0	0	0	0	0	0	22	7	0	0
Acklington .. .. .	0	10	19	0	0	0	0	0	0	1	0	7	20	1	0	0	0	Falmouth .. .. .	0	2	17	10	0	0	0	0	0	0	0	0	18	11	0	0
Gorleston .. .. .	0	6	23	0	0	0	0	0	0	0	0	2	25	2	0	0	0	Aldergrove .. .. .	0	4	24	1	0	0	0	0	0	0	0	3	25	1	0	0
Cambridge Botanic Gardens ..	0	6	23	0	0	0	0	0	0	0	1	5	22	1	0	0	0	Armagh .. .. .	0	2	26	1	0	0	0	0	0	0	1	7	20	1	0	0

Table 6 Summary of autographic records of wind

February 1972

District, county and place			height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
			above MSL	above ground	effective height	34 kt or more (gale force)				22-33 kt		11-21 kt	4-10 kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
						dates of occurrence	duration (hours)	no. of days	duration in hours				veer from N	speed (kt)	hour ended at day hour		veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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#### Table 4 Additions and corrections

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DUPLICATE

THE METEOROLOGICAL OFFICE

# MONTHLY WEATHER

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY



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**MARCH 1972**

VOLUME 89

NUMBER 3

## A stormy first week then more settled

Deep depressions and troughs of low pressure affected all areas during the first week and relatively low pressure returned during the last week. Throughout most of the intervening period the British Isles were dominated by anticyclones and ridges of high pressure.

### Weather

After a stormy first week during which swollen rivers in southern England led to local flooding and strong winds caused minor damage in south-west England, the weather became gradually warmer and relatively dry. There were some warm and sunny days, especially in England and Wales from the 14th to 25th, but the month ended with a return to cooler, wetter weather.

### Wind

Gales were reported on slightly more days than average on many coasts. Deep depressions during the first week brought strong winds to all districts. Overnight on the 3rd/4th mean wind speeds reached 40-50 kt in north Scotland with gusts of over 70 kt in a number of places including one of 75 kt at Benbecula (Inverness-shire) — the highest March gust recorded there since autographic records began in 1957. On the 6th gusts of 60-70 kt occurred in Northern Ireland and during the evening a gust of 79 kt was recorded at Gwennap Head (Cornwall) during a period when the mean wind speed was about 50 kt. Notably strong winds also occurred from the 10th to 12th in England and Wales, on the 21st and 22nd in north Scotland, and on the 27th and 28th in most areas.

### Temperature

Most of Northern Ireland was slightly colder than average but in most other regions monthly mean temperature was above average. During the first half of the month temperatures were mostly near average. However, the 11th was a cold day in eastern and southern England; day-time temperature in some parts of the West Country only just exceeded 0°C. From the 14th to 25th it was generally warmer than average and it was often very warm by day away from the North Sea coast, especially in southern England where, on the 21st, Hastings (Sussex) had its warmest March day (19.0°C) since continuous records began in 1947. The month ended colder than average, particularly in the north and west. Throughout the month night frost was a frequent occurrence and sometimes it occurred widely although it was mostly slight. Warm days succeeding cold nights produced some large daily temperature ranges. For example a range of some 21°C occurred at Glenlivet (Banffshire) on the 12th and at a number of places in south-east England from the 16th to 20th — this is about two and a half times the average daily range in these areas.

### Rainfall

Most of Scotland was drier than average with parts of the north recording less than half the average rainfall (including melted snow); Geanies House (Ross and Cromarty) had its driest March since 1929. Elsewhere rainfall was generally above average. Over twice the average occurred in a number of areas notably in Northern Ireland where it was the wettest March overall since 1947, and in central England where Buxton (Derbyshire) had its wettest March since 1951. It was generally wet for the first 8 days by the end of which some places in southern England had recorded more than their monthly average rainfall. Notable rainfalls during this period, recorded in the 24 hours beginning at 09 GMT, included 53.2mm at Foffany reservoir (Co. Down) on the 2nd and 47.0mm at Venford reservoir (Devon) on the 6th. Only small amounts of rain occurred from the 9th to 24th although there were isolated thunderstorms in some areas. Wet weather returned during the last 5 days and parts of Wales had well over 100mm during the last 3 days, for example Blaenau Ffestiniog (Merioneth) had 142.0mm of which 73.0mm fell on the 31st.

### Snow

Snow or sleet (rain or drizzle and snow) occurred on about the average number of days generally and it was confined largely to the first week, around the 11th and the last 6 days. Snow fell mostly as showers and amounts were usually small except on high ground. On the 4th heavy snow showers occurred in the Scottish Highlands, northern England, Wales and the West Country. Roads were blocked in

the Cairngorms, 5-10cm of snow fell in the Pennines and Welsh mountains, and the moors in south-west England were snow covered. On the 11th snow or sleet fell widely in southern England but snow did not lie to any extent. Wintry showers returned during the last 6 days, notably in the north and west of the United Kingdom. On the 27th/28th heavy snow showers in Scotland led to blizzards in the mountains and roads in the north Pennines were blocked by a snowfall of 10-20cm.

### Sunshine

Sunshine amounts were above average in most areas particularly in parts of the Midlands and south-east England. A few places in Scotland were duller than average but deficits were mainly small. The dull weather of the latter half of February continued at first in eastern areas of England and Scotland but the second half of the month was sunny over much of England and Wales.

### Fog

Overnight fog formed widely on the 2nd in central and eastern England; fog was slow to clear in parts of East Anglia. During the period 15th to 22nd fog developed overnight in many areas of England and Wales but it usually cleared during the morning. However, sea fog persisted for much of the time from the 16th to 20th on parts of the coasts of north-east England and east Scotland.

### Miscellaneous phenomena

On the 20th a funnel cloud was observed over Nottingham. The aurora was seen by observers in Scotland on 7 nights.

**Table 1 District values**

**March 1972**

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max. †	Lowest Min. †	max.	min.	mean				
			difference from average						
0 Scotland N	15.0	−6.5	+0.6	0.0	+0.3	—	−1	62	99
1 Scotland E	16.0	−3.0	+0.2	+0.3	+0.2	+0.7	0	91	101
2 England N E	18.5	−1.8	+0.4	−0.1	+0.1	+1.0	+4	113	111
3 England E	21.0	−2.9	+1.3	+0.3	+0.8	+0.7	0	105	122
4 Midlands	18.9	−3.0	+1.0	+0.3	+0.7	+1.0	+4	154	124
5 England S E	19.1	−3.6	+1.7	+0.5	+1.1	+0.8	+3	136	131
6 Scotland W	16.4	−4.8	+0.4	+0.2	+0.3	+0.6	0	90	102
7 Eng N W - Wales N	18.5	−3.0	+0.5	+0.3	+0.5	+0.7	0	142	116
8 Eng S W - Wales S	18.5	−3.2	+0.9	+0.2	+0.6	+0.5	+4	135	123
N Ireland	15.9	−5.9	−0.3	−1.1	−0.7	—	−1	171	107
Scotland	16.4	−6.5	+0.4	+0.2	+0.3	—	0	81	101
Eng - Wales	21.0	−3.6	+1.0	+0.2	+0.6	—	+3	138	121

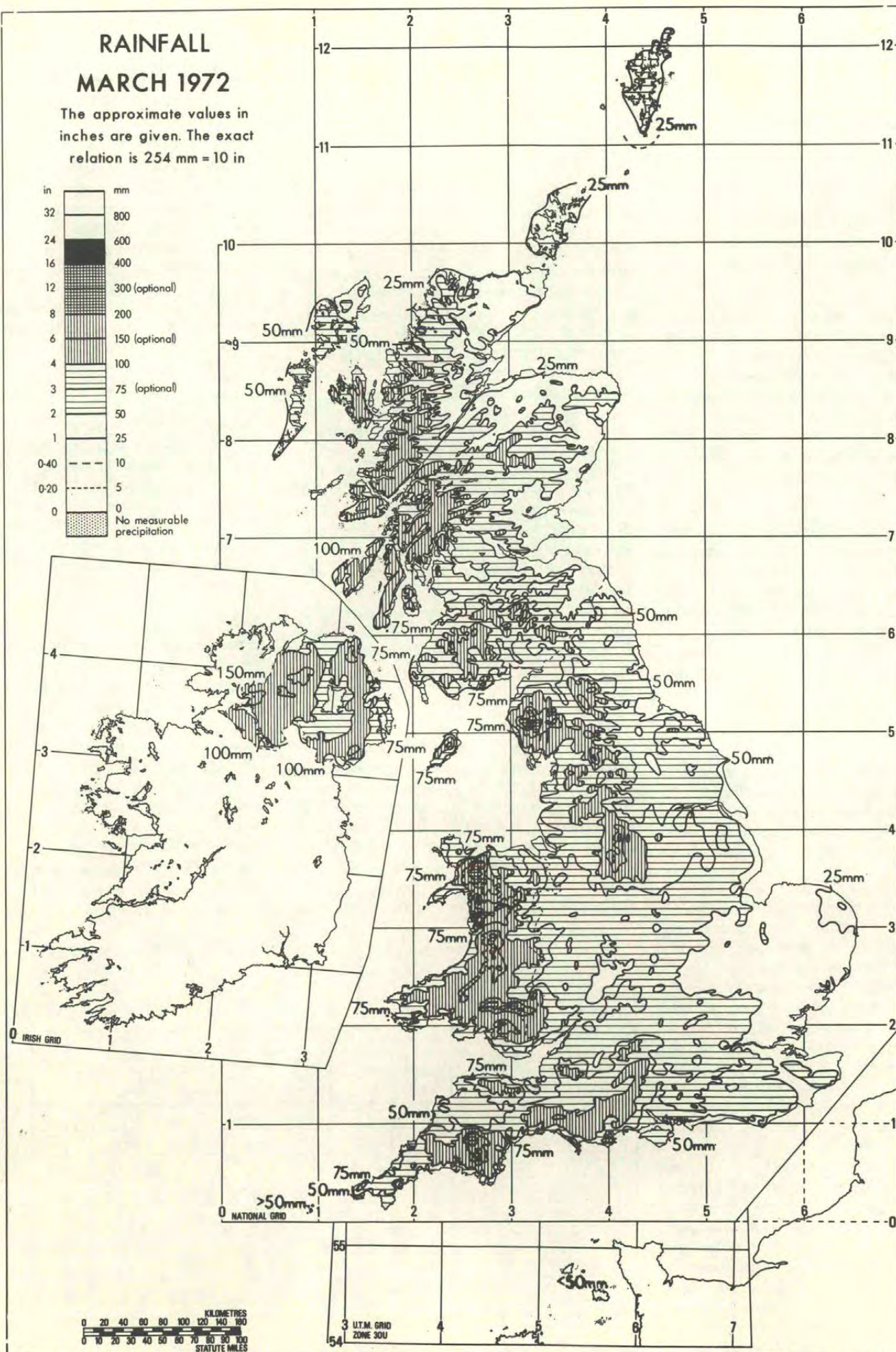
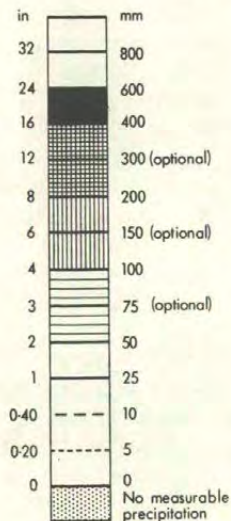
† Highest max. and lowest min. of the District Value Stations

MWR dup (1)



# RAINFALL MARCH 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





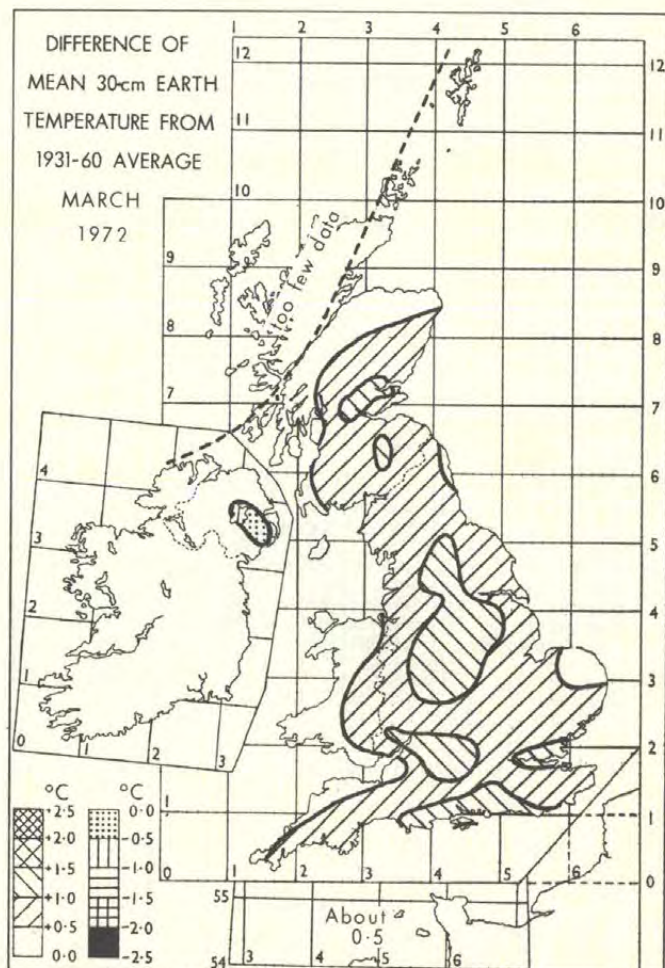
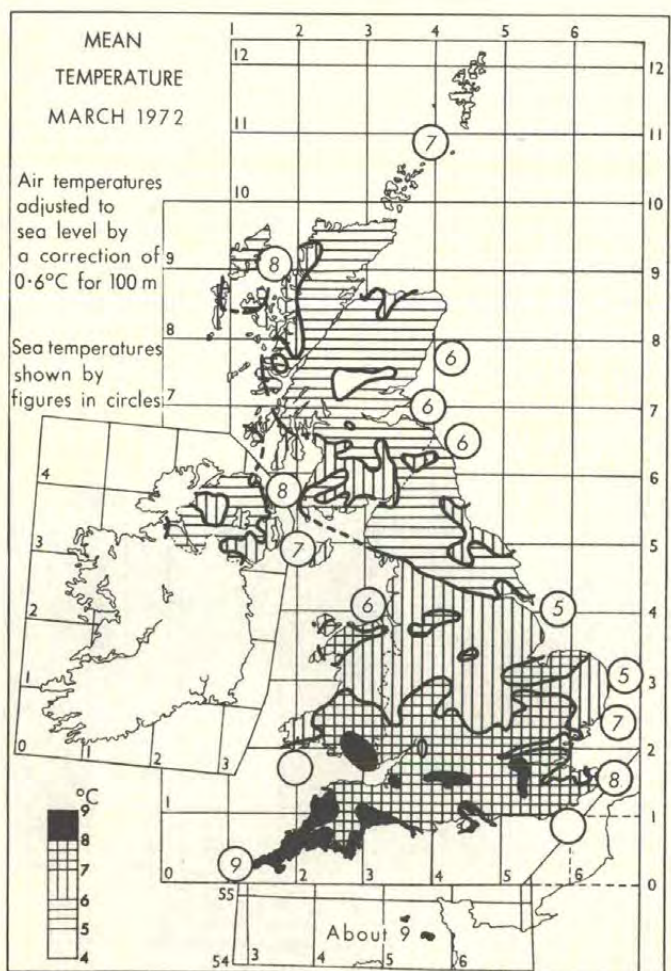
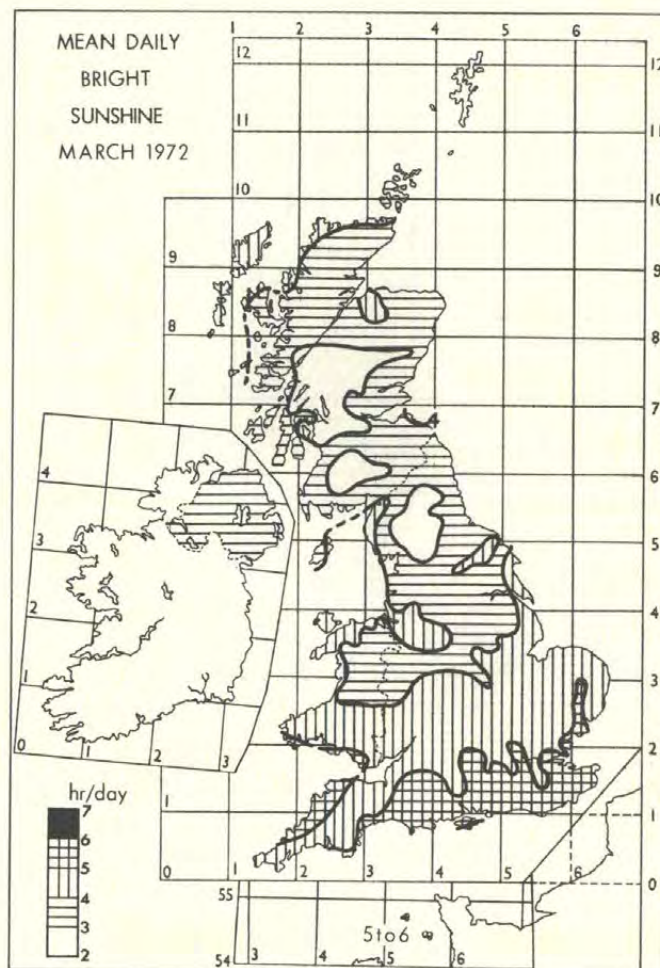
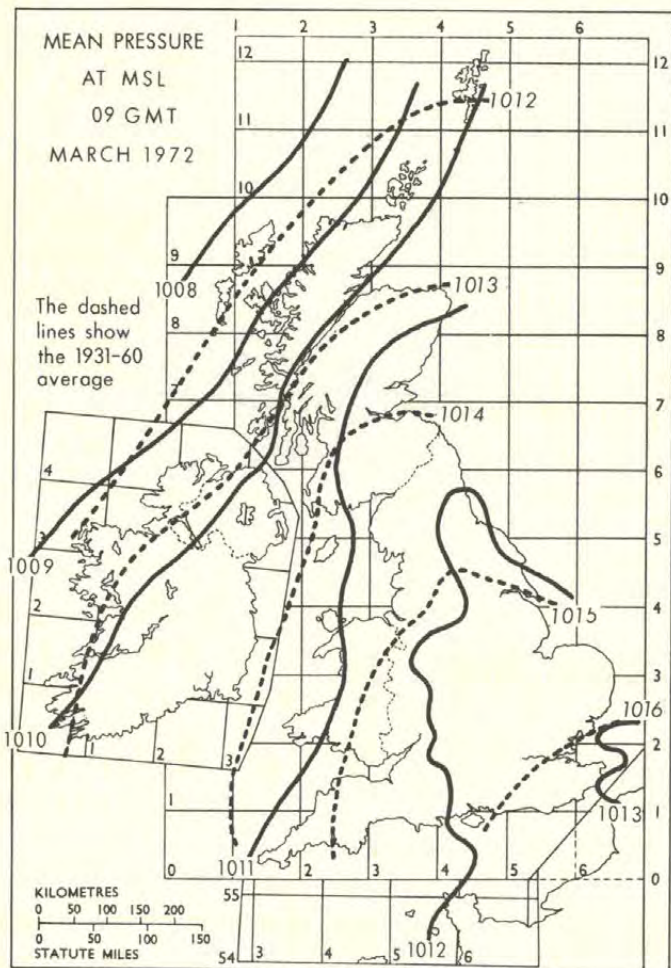




Table 2 Solar radiation and illumination

March

1972

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 .. .. .	353	30	15	2	152.1	31	184	31	15	2	99.8	31	457	30	21	2	203.5	31
Eskdalemuir .. .	490	28	63	7	215.7	31	210	25	63	11	133.6	31	527	28	78	7	252.4	31
Cardington .. .	457	24	28	11	250.2	31	207	29	27	11	128.0	31	—	—	—	—	—	—
London Weather Centre	391	23	28	11	232.6	31	197	25	26	11	118.0	31	490	23	38	11	285.3	31
Kew .. .																		
Easthampstead .. .																		
Aberporth .. .	486	22	102	8	271.5	31	271	19	76	22	151.6	31	—	—	—	—	—	—
Aldergrove .. .																		
Jersey Airport .. .	530	28	75	11	306.2	31	231	30	73	11	150.5	31	566	28	88	3	340.0	31

Table 3 Summary of daily observations

March

1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine		
				means of				highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	date	precip- itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure	
				max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-50 average	max.	date	min.	date																					
O SCOTLAND N																																
Zetland																																
Hamnavoe .. ..	99	21	7.2	3.4	5.3	—	10.4	25	0.4	29	—	—	65	—	17	4	22	15	5	0	1	4	0	4	0	—	—	4	2.86	—	—	
Lerwick .. ..	21-9	82																														
psychrometer ..			6.5	3.1	4.8	—	9.2	24	-0.9	27	—	—	68	75	19	4	22	13	7	1	3	5	1	3	1	7	8	3	2.23	77	—	
screen .. ..			6.6	3.0	4.8	+0.9	9.1	24	-0.6	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Baltasound .. .	99	24	7.5	2.2	4.9	—	10.3	25	-2.2	27	4.9	—	70	75	16	4	20	13	6	0	0	0	0	2	2	—	—	5	2.46	—	—	
Orkney																																
Sule Skerry .. .	21-9	13	7.6	4.5	6.1	—	9.7	24	0.6	27	—	—	31	—	8	26	14	10	1	0	0	1	0	0	0	2	2	2	—	—	—	
Stenness .. ..	99	23	8.3	3.0	5.7	—	13.7	24	-0.4	28	5.0	5.6	39	59	7	2	17	14	2	0	0	1	0	1	16	—	1	3.45	—	—		
Kirkwall .. ..	21-9	26	7.9	2.9	5.4	+0.6	12.2	25	-1.0	28	—	—	32	47	12	3	15	11	5	0	4	0	0	2	3	12	8	1	3.62	111	—	
Caithness																																
Dounreay .. ..	99	21	9.7	2.0	5.9	—	15.5	18	-3.0	11	—	—	28	47	5	27	13	10	2	0	0	1	0	4	4	11	—	1	4.78	—	—	
Wick .. ..	21-9	36	7.9	3.2	5.5	+0.7	12.2	24	-2.3	30	—	—	22	47	6	27	16	7	3	0	1	3	0	1	5	9	9	1	3.64	101	—	
John O Groats ..	99	30	8.1	2.8	5.5	—	12.2	24	-3.2	30	5.1	—	16	—	3	3	12	7	2	0	2	1	1	1	4	7	—	1	4.06	—	—	
Sutherland																																
Cape Wrath .. .	21-9	112	8.1	3.1	5.6	+0.3	14.1	18	-1.2	29	—	—	23	32	6	27	12	7	4	1	0	5	1	0	5	5	6	0	4.53	—	—	
Lairg .. ..			8.9	-0.1	4.4	—	13.6	12	-5.5	13	3.8	4.6	27	—	6	27	15	8	5	2	0	0	0	0	13	24	—	0	—	—	—	
Strathay .. ..	99	37	9.3	1.2	5.3	+0.6	15.4	18	-4.1	30	—	—	29	40	4	19	13	10	7	0	0	4	0	0	8	—	—	1	3.90	121	—	
Ross & Cromarty																																
Stornoway .. ..	21-9	3	8.9	2.1	5.5	-0.2	12.1	23	-3.9	13	—	—	46	80	8	28	19	12	5	1	2	3	0	0	12	15	13	2	3.98	114	—	
Balmacara .. .	99	4	9.8	3.3	6.5	—	14.4	17	-1.5	12	—	—	85	—	14	26	17	16	4	1	1	2	0	0	3	—	—	0	—	—	—	
Poolewe .. ..	99	6	9.6	3.2	6.4	—	15.5	18	-0.1	28	—	—	60	60	12	26	19	13	4	1	4	0	2	0	1	13	—	0	4.08	—	—	
Rudh Re .. ..	21-9	16	8.2	3.9	6.1	—	13.6	18	0.2	27	—	—	64	—	14	3	18	12	2	0	0	0	0	0	0	6	6	1	—	—	—	
Inverpolly .. .	99	14	9.6	2.7	6.1	—	15.1	17	-2.8	13	5.4	—	47	52	12	26	15	8	4	2	0	2	3	—	4	18	—	1	3.95	—	—	
Kinlochewe .. .	99	23	9.8	1.5	5.7	0.0	15.8	18	-3.4	11	4.5	—	75	55	15	26	19	16	4	1	0	0	0	0	12	22	—	0	2.83	—	S	
Knockanrock ..	99	244	7.6	1.5	4.5	—	13.8	18	(-2.0)	30	—	—	85	—	15	27	19	12	6	3	0	3	2	—	11	21	—	1	—	—	—	
Strathconon ..	99	107	9.5	0.1	4.8	—	14.6	12	-7.0	13	—	—	51	—	17	26	16	8	4	0	0	0	0	—	14	25	—	0	—	—	—	
Fortrose .. ..	99	5	8.3	2.5	5.4	0.0	12.5	18	-1.5	11	—	—	14	38	6	26	13	4	3	0	0	0	0	0	1	—	—	0	3.91	112	—	
Tarbatness .. .	21-9	18	8.1	-3.0	5.5	+0.5	12.5	24	-1.0	30	—	—	14	49	4	28	12	5	4	2	0	1	0	0	6	—	—	2	—	—	—	
Inverness																																
Benbecula .. .	21-9	6	8.9	3.1	6.0	0.0	12.5	17	-2.1	8	—	—	60	94	11	2	17	11	5	1	2	3	2	0	1	15	9	4	4.34	—	—	
Isle of Rhum ..	99	5	8.9	2.6	5.7	—	14.5	17	-2.7	12	5.8	6.4	134	92	38	5	20	17	3	0	0	6	0	0	5	18	—	4	—	—	—	
Prabost .. ..	99	67	8.7	2.3	5.5	—	14.2	17	-0.9	11	—	—	91	77	14	5	18	15	5	4	1	4	1	0	7	24	—	3	3.94	—	—	
Duntulm .. ..	99	90	8.8	3.1	5.9	+0.2	14.4	17	-0.6	27	—	—	65	79	13	3	19	15	6	0	0	0	0	0	1	13	—	1	3.98	114	S	
Onich .. ..	99	15	9.5	2.0	5.7	0.0	15.0	17	-8.5	13	—	—	88	63	15	3	20	17	—	—	—	—	—	1	8	16	—	—	2.83	93	S	
Corpach .. ..	99	8	9.5	2.3	5.9	—	15.5	17	-2.6	12	—	—	74	—	12	3	20	14	3	0	0	0	0	0	6	12	—	0	—	—	—	
Fort Augustus ..	99	21	9.3	—	—	—	14.1	18	—	—	—	—	45	—	12	3	16	14	—	—	—	—	—	—	—	—	—	—	3.74	—	—	
Lagganlia .. .	99	250	8.2	-0.5	3.9	—	13.3	17	-10.2	11	—	—	46	—	18	3	14	10	5	2	0	1	0	0	14	23	—	2	—	—	—	
Inverness .. .	99	4	9.6	2.1	5.9	—	13.5	17:18	-2.0	11:18	—	—	21	61	4	7	12	8	3	0	0	0	0	1	0	17	—	0	3.62	—	—	
Coire Cas Shieling	99	762																														
Cairngorm .. .	99	1090																														
Glenmore Lodge ..	99	341	8.1	-0.9	3.6	+0.4	14.2	18	-8.2	11	—	—	60	96	24	3	12	10	—	3	—	—	—	—	1	19	29	24	—	3.99	—	S
Moy .. ..	99	305	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 SCOTLAND E																																
Nairn																																
Nairn .. ..	99	6	9.4	1.2	5.3	0.0	14.8	17	-4.8	11	—	—	15	42	5	26	10	6	4	1	1	1	0	0	9	25	—	1	4.02	110	—	
Moray																																
Grantown-on-Spey ..	99	229	8.6	-0.8	3.9	—	14.3	17	-7.7	13	—	—	29	—	10	3	11	7	4	3	0	0	0	0	18	26	—	0	4.14	—	—	
Forres .. ..	99	50	9.5	2.3	5.9	+0.6	16.0	17	-3.0	11	4.5	4.8	23	69	8	19	12	8	5	1	2	1	0	1	6	16	—	1	4.10	112	—	
Kinloss .. ..	21-9	5	9.7	1.2	5.5	+0.4	15.8	17	-5.5	11	5.0	—	18	56	7	19	8	7	4	0	0	3	0	0	10	24	17	0	3.75	—	—	
Elgin .. ..	99	15	9.8	2.0	5.9	—	16.8	18	-3.3	30	—	—	25	71	5	27	11	8	—	—	—	—	—	0	7	14	—	—	3.87	—	—	
Lossiemouth .. .	99	6	9.7	0.9	5.3	+0.1	15.9	17	-6.0	11	—	—	13	37	5	19	9	3	4	0	0	3	0	0	9	26	22	0	—	—	—	
Gordon Castle ..	99	32	9.6	2.6	6.1	+0.8	15.9	18	-2.5	11	—	—	33	78	10	3	12	7	1	0	1	0	0	—	1	—	—	0	3.79	108	—	



March 1972

District, county and place	terminal h (GMT) of observation	max. min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2 mm or more	1.0 mm or more													
1 SCOTLAND E – continued																																
Banff																																
Glenlivet .. .. .	21-9	215	8.8	0.5	4.7	—	14.6	24	-6.1	12	—	—	36	—	9	3	15	9	8	2	0	0	0	1	16	28	24	0	4.13	—	—	
Banff .. .. .	99	24	8.5	3.0	5.7	—	13.5	19	-0.5	12	—	—	32	—	9	3	12	9	—	0	—	—	—	1	1	—	—	—	3.71	—	—	
Aberdeen																																
Braemar .. .. .	99	339	7.0	-1.2	2.9	+0.1	12.0	24	-8.5	12-13	—	—	62	109	23	3	17	10	—	3	—	—	—	0	20	24	—	—	3.89	—	—	
Balmoral .. .. .	99	283	7.7	-0.5	3.6	+0.6	14.1	17	-8.3	12	—	—	60	116	16	3	15	10	6	2	0	0	—	17	22	—	1	—	—	—		
Dinnet .. .. .	99	177	8.5	0.7	4.6	—	14.0	22	-7.0	13	4.3	—	44	—	13	3	13	10	—	—	—	—	0	10	19	—	—	3.84	—	—		
Gartly .. .. .	99	160	8.4	1.0	4.7	—	15.0	24	-4.1	12-13	—	—	39	—	8	3	16	9	—	—	—	—	—	9	21	—	—	—	—	—		
Inverurie Sewage Works .. .. .	99	54	8.8	1.0	4.9	—	15.5	24	-4.8	12	—	—	45	—	13	3	16	9	4	0	0	0	0	1	7	16	—	0	3.25	—	—	
Fyvie Castle .. .. .	99	66	8.6	1.0	4.8	—	16.0	24	-4.0	12	—	—	63	108	18	3	17	12	1	0	0	0	—	8	19	—	1	3.33	—	S		
Craibstone .. .. .	99	91	7.9	1.7	4.8	+0.3	14.6	24	-2.5	13	4.6	4.8	41	80	10	3	15	9	4	0	1	0	0	5	6	17	—	0	3.62	103	—	
Dyce .. .. .	21-9	58	8.4	1.5	4.9	+0.4	15.4	22	-5.1	13	—	—	40	75	9	3	15	10	5	0	1	3	0	3	7	16	16	1	3.76	—	—	
Aberdeen .. .. .	99	52	8.0	1.6	4.8	0.0	14.8	22	-13.4	13	—	—	38	74	7	16	14	10	2	0	0	0	0	3	6	15	—	0	3.67	111	—	
Fraserburgh .. .. .	21-9	18	8.0	3.2	5.6	—	14.8	24	-0.6	13	—	—	45	—	12	3	16	10	4	0	0	1	0	5	1	6	6	2	3.49	—	—	
Kincardine																																
Fettercairn .. .. .	99	171	7.6	0.9	4.3	+0.6	14.7	22	-3.0	14	—	—	49	82	6	7	15	12	2	0	0	2	0	5	9	20	—	2	3.07	—	S	
Banchory .. .. .	99	77	9.2	1.1	5.1	—	15.7	22	-4.8	12	—	—	46	—	10	3	13	11	3	0	0	3	0	2	9	18	—	1	—	—	—	
Stonehaven .. .. .	99	4	8.4	2.5	5.5	+0.3	16.4	22	-0.4	13	—	—	39	89	7	3	14	11	2	0	0	1	0	3	5	—	—	0	3.30	101	—	
Angus																																
Mylnefield .. .. .	99	30	8.3	2.1	5.2	—	15.5	23	-0.8	13-16	5.2	5.9	43	99	11	6	16	13	1	0	0	0	0	4	5	18	—	0	3.48	—	—	
Dundee .. .. .	99	45	8.6	2.5	5.5	+0.4	15.6	23	-2.4	12	5.1	—	40	80	9	6	16	13	1	0	0	1	0	5	3	16	—	1	3.45	—	—	
Glamis Castle .. .. .	99	61	8.2	0.9	4.5	—	15.2	23	-5.0	12	—	—	54	106	9	6	19	13	3	0	0	3	0	3	9	21	—	1	—	—	—	
Whitehillochs .. .. .	99	258	7.7	-0.2	3.7	—	13.0	19	-7.6	12-13	—	—	55	78	[10]	3	14	12	6	2	0	0	0	1	16	22	—	0	—	—	S	
Buddon Ness .. .. .	99	5	8.3	1.3	4.8	+0.1	13.6	22-23	-6.6	16	—	—	35	80	8	6	16	11	1	—	0	0	0	3	7	—	—	1	—	—	—	
Carnoustie .. .. .	99	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arbroath .. .. .	99	28	7.9	2.8	5.3	+0.2	14.1	23	-1.6	12	—	—	32	77	8	16	13	9	0	0	0	1	0	5	2	14	—	0	3.83	103	—	
Usan .. .. .	21-9	30	7.9	2.7	5.3	—	14.3	22	-2.5	12	—	—	38	—	8	16	11	11	1	0	0	2	0	5	2	6	5	1	3.86	—	—	
Montrose .. .. .	99	57	8.1	2.1	5.1	—	14.7	22	-3.0	12	—	—	45	108	8	16	16	12	1	0	0	4	0	4	3	18	—	1	—	—	—	
Perth																																
Aberfoyle .. .. .	99	27	9.2	0.5	4.9	—	18.0	23	-6.0	12	—	—	65	—	15	16	16	12	4	—	0	0	0	—	3	18	—	0	—	—	—	
Dall .. .. .	99	232	8.0	-0.9	3.5	—	13.4	23-24	-8.0	12	—	—	93	—	16	3	18	16	6	5	1	2	0	1	20	24	—	0	—	—	—	
Callander .. .. .	99	107	8.2	1.1	4.7	—	16.0	23	-5.0	12	—	—	70	—	14	6	18	14	4	2	0	1	1	3	10	17	—	0	—	—	—	
Ardtalnaig .. .. .	99	130	3.3	1.3	4.8	—	15.2	23	-4.6	12	—	—	83	101	16	3	18	13	5	1	0	0	1	1	7	21	—	0	2.62	—	—	
Dunblane .. .. .	99	80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.84	—	—	
Drummond Castle .. .. .	99	113	8.2	1.1	4.7	—	15.2	23	-5.0	12	5.1	—	49	—	7	26	19	14	3	1	0	0	1	—	9	18	—	0	3.08	—	—	
Gleneagles .. .. .	99	152	7.6	0.8	4.2	—	15.4	23	-5.2	12	—	—	61	87	10	26	21	14	3	—	0	0	0	5	10	23	—	1	3.10	—	—	
Pitlochry .. .. .	99	144	7.7	0.5	4.1	—	13.4	23	-6.4	12	—	—	65	130	11	3	17	11	3	2	0	0	0	1	11	22	—	0	2.57	—	—	
Faskally .. .. .	99	94	8.6	0.7	4.7	—	13.8	23	-6.4	12	4.5	5.0	65	123	13	2	17	11	5	1	1	0	0	1	9	24	—	0	—	—	—	
Ashintully Castle .. .. .	99	341	7.1	-0.1	3.5	—	12.0	22	-0.6	12	—	—	65	—	13	6	16	13	8	2	0	0	0	2	18	23	—	0	—	—	—	
Strathallan .. .. .	99	41	8.8	1.9	5.3	—	16.2	23	-3.0	12	—	—	42	—	7	26	14	12	3	0	0	1	0	2	4	20	—	0	—	—	—	
Perth .. .. .	99	23	8.9	1.7	5.3	+0.2	16.0	23	4.2	12	—	—	38	77	7	6-26	14	10	0	0	0	0	0	7	4	14	—	0	3.64	113	—	
Blairstown .. .. .	99	70	—	—	—	—	—	—	—	—	—	—	39	86	7	6	15	11	—	—	—	—	—	—	—	—	—	—	3.17	—	—	
Kinross																																
Kinross .. .. .	99	113	8.0	0.8	4.4	—	15.8	23	-3.4	13	5.1	—	43	—	7	6	15	11	—	0	—	—	—	—	10	19	—	—	3.32	—	—	
Fife																																
Pitreavie .. .. .	99	40	8.5	2.3	5.4	—	16.6	23	-1.0	16	—	—	51	115	8	29	17	12	3	0	2	0	0	4	5	16	14	1	—	—	—	
Kirkcaldy .. .. .	99	32	8.7	2.3	5.5	+0.3	16.5	23	-1.4	14	—	—	39	84	7	29	15	11	3	0	0	1	0	3	4	18	—	0	3.13	—	—	
Glenrothes (Glenwood) .. .. .	99	117	8.0	1.8	4.9	—	15.4	23	-1.5	12	—	—	34	—	7	29	15	10	—	—	—	—	—	6	17	—	—	—	—	—	—	
Cupar .. .. .	99	25	8.6	1.6	5.1	—	15.6	23	-4.4	13	5.4	—	35	75	9	6	16	12	2	0	0	1	0	4	6	16	—	0	3.71	—	—	
Leuchars .. .. .	21-9	10	8.5	1.8	5.1	-0.2	14.5	23	2.8	12	—	—	31	76	5	29	15	12	6	0	0	1	0	5	6	17	16	1	3.53	95	—	
St Andrews .. .. .	99	18	8.1	1.9	5.0	—	14.3	23	-3.2	12	5.7	6.1	27	—	5	6	17	10	1	0	0	1	0	2	5	18	—	1	3.45	97	—	
West Lothian																																
Livingston .. .. .	99	125	7.9	1.1	4.5	—	16.0	23	-3.0	12	—	—	52	—	7	4	18	12	—	—	—	—	6	5	17	—	—	—	—	—	—	
Midlothian																																
Turnhouse .. .. .	21-9	35	8.7	1.8	5.3	+0.1	16.1	23	-2.8	16	—	—	39	99	6	3	15	12	4	0	0	3	1	5	7	19	16	0	3.02	—	—	
Edinburgh .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
East Craigs .. .. .	99	61	8.5	2.2	5.3	—	15.5	23	-1.8	13	5.2	—	40	97	6	1	13	12	4	0	0	1	1	4	5	19	—	0	3.36	—	—	
Penicuik .. .. .	99	189	8.5	0.6	4.5	+0.1	16.3	17	-3.8	13	4.8	—	53	88	7	3	17	13	3	1	0	0	0	2	11	26	—	1	3.28	—	—	
Bush House .. .. .	99	184	8.0	1.2	4.6	—	14.4	17	-3.0	12	4.4	4.7	55	94	12	1	17	11	3	1	1	1	1	2	10	23	—	0	3.58	—	—	
Edinburgh .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Blackford Hill .. .. .	99	134	8.1	1.9	5.0	-0.2	15.9	23	-1.9	12	—	—	42	103	9	1	16	11	—	1	—	—	—	2	7	12	—	—	3.41	96	—	
Royal Botanic Gardens .. .. .	99	26	8.9	2.1																												



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Table 3 Summary of daily observations

March 1972

District, county and place	max. min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.	rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date						amount (mm)	date																	
1 SCOTLAND E—continued																																		
Roxburgh																																		
Wauchope .. .. .	99	155	8.7	0.8	4.7	—	16.5	19	-3.6	13:14	—	—	56	92	10	3	16	12	4	2	0	0	2	0	13	—	—	2	—	—	—	—	—	
Kelso .. .. .	99	34	9.4	1.3	5.3	—	15.0	23	-3.3	12	—	—	38	—	7	6	14	9	3	0	0	3	0	3	17	—	0	3.48	—	—	—	—		
Sourhope .. .. .	99	221	8.4	1.0	4.7	+0.8	16.2	18	-4.3	12	—	—	70	—	13	16	16	15	4	1	0	0	0	12	17	—	0	3.76	—	—	—	—		
(see Introduction)																																		
6a SCOTLAND W																																		
Argyll																																		
Tiree .. .. .	21-9	9	8.8	3.8	6.3	0.0	11.5	17:23	-0.9	12	—	—	75	114	8	31	17	13	4	0	0	5	0	0	1	11	10	3	4.30	115	—	—	—	
Port Ellen .. .. .	99	18	8.8	2.3	5.5	—	14.1	17	-4.1	4	—	—	108	—	21	31	18	15	—	—	—	—	—	—	5	—	—	—	—	—	—	—	—	
Rhuvaal .. .. .	21-9	20	8.6	3.8	6.2	—	13.9	17	0.2	28	—	—	123	146	25	2	17	15	6	0	3	1	0	0	0	7	6	2	—	—	—	—	—	
Colonsay .. .. .	99	30	8.5	3.5	6.0	-0.1	14.0	17	0.0	4	—	—	96	121	17	31	17	14	3	—	0	3	0	2	0	—	—	—	—	—	—	—	—	
Aros .. .. .	99	37	9.4	1.8	5.6	—	15.5	17	-3.5	11	—	—	90	—	15	2	19	16	3	0	0	4	0	0	8	20	—	0	—	—	—	—	—	
Machrihanish .. .. .	21-9	10	8.7	3.4	6.1	—	14.1	17	-1.6	5	—	—	101	153	19	31	15	11	4	0	1	3	0	0	2	14	14	1	3.48	—	—	—	—	
Campbeltown .. .. .	99	12	9.1	3.5	6.3	—	15.0	17	-1.0	4	—	—	93	—	23	2	11	11	—	—	—	—	—	1	1	—	—	—	3.60	—	—	—	—	
Polloch .. .. .	99	10	9.3	-0.3	4.5	—	15.7	17	-6.2	12	—	—	130	—	30	2	20	18	5	0	0	2	0	—	19	—	—	—	—	—	—	—	—	
Knapdale Forest .. .. .	99	40	8.8	2.1	5.5	—	14.5	17	-3.4	11	—	—	114	—	22	2	20	16	—	2	—	—	—	1	10	20	—	—	—	—	—	—	—	
Dunstaffnage .. .. .	99	3	9.1	3.3	6.2	—	15.1	17	-0.5	12	—	—	75	—	14	3	19	15	3	0	0	2	0	0	3	—	—	—	—	—	—	—	—	
Glenbranter .. .. .	99	24	8.7	1.7	5.2	—	14.6	24	-3.8	12	—	—	111	—	31	2	19	16	2	1	4	0	1	1	9	19	—	0	—	—	—	—	—	
Glen Etive .. .. .	99	24	9.2	2.2	5.7	—	15.7	17	-4.0	12	—	—	95	—	13	2	24	17	5	2	0	1	0	—	7	15	—	0	—	—	—	—	—	
Benmore Younger																																		
Botanic Gardens ..	99	12	8.6	1.9	5.3	—	14.6	23	-4.3	12	—	—	112	70	24	26	19	14	5	0	2	2	1	3	8	19	—	0	—	—	—	—	—	
Bute																																		
Kildonan .. .. .	21-9	18	9.0	4.0	6.5	—	15.5	17	0.5	29	—	—	81	—	15	26	16	12	2	0	0	0	0	0	8	5	5	3.30	—	—	—	—	—	
Brodick Castle .. .. .	99	15	9.0	3.0	6.0	—	16.2	23	-1.3	12	6.5	—	88	85	20	26	15	12	4	0	1	0	4	0	3	13	—	2	—	—	—	—	—	
Rothsay .. .. .	99	43	8.5	2.9	5.7	0.0	13.5	23	0.0	12	5.1	5.4	93	109	18	29	18	12	4	0	1	0	1	0	0	17	—	0	2.93	93	—	—	—	
Dunbarton																																		
Finnart .. .. .	99	15	8.4	3.2	5.8	—	14.2	23	-0.5	12	—	—	88	—	17	26	20	16	4	0	2	2	1	2	1	—	—	—	—	—	—	—	—	
Helensburgh .. .. .	99	89	7.9	1.9	4.9	-0.2	11.4	23	-1.5	12	—	—	78	83	16	26	15	12	1	1	0	2	0	1	6	—	—	0	3.15	105	—	—	—	
Sloy .. .. .	21-9	12	8.5	2.8	5.7	—	16.0	23	-4.1	12	—	—	98	—	16	29	19	15	6	—	0	1	0	2	6	—	—	—	—	—	—	—	—	
Arrochymore .. .. .	99	37	8.5	1.9	5.2	—	15.0	23	-1.8	12	—	—	71	—	15	26	16	13	2	0	0	0	2	4	6	20	—	0	3.08	—	—	—	—	
Cumbernauld .. .. .	99	94	8.1	0.5	4.3	—	16.2	23	-3.0	12:13	—	—	60	—	11	26	16	13	4	1	0	0	0	2	10	18	—	0	—	—	—	—	—	
Stirling																																		
Earls Hill .. .. .	21-9	335	5.9	0.6	3.3	—	14.0	23	-3.0	12	—	—	70	—	20	26	15	14	6	—	2	0	0	5	13	22	18	1	2.75	—	—	—	—	
Stirling Batterflats .. .. .	99	38	9.5	1.5	5.5	—	18.4	23	-3.6	12	5.3	5.5	49	—	10	26	16	13	2	1	0	1	1	3	6	23	—	0	3.07	—	—	—	—	
Parkhead .. .. .	99	107	8.8	1.0	4.9	—	16.8	23	-3.6	12	5.0	—	42	—	7	29	17	13	0	0	0	0	0	4	9	—	—	—	—	—	—	—	—	
Falkirk Sewage Works .. .. .	99	3	9.0	1.9	5.5	—	16.6	23	-2.0	16	—	—	41	—	9	26	16	11	2	0	0	1	0	4	3	—	—	0	3.04	—	—	—	—	—
Grangemouth .. .. .	99	4																																
Renfrew																																		
Greenock .. .. .	99	61	7.9	2.8	5.3	-0.5	12.9	23	-1.5	12	—	—	77	75	17	2	15	12	3	1	1	1	2	0	3	8	—	0	2.87	93	—	—	—	
Paisley .. .. .	99	32	9.2	2.7	5.9	-0.1	17.1	23	-1.8	12	5.3	6.2	47	67	8	29	14	12	3	0	1	1	0	2	1	13	—	0	2.59	93	—	—	—	
Barrhead .. .. .	99	30	8.9	1.7	5.3	—	15.2	23	-4.8	13	—	—	50	67	10	26	15	10	5	0	0	3	1	2	7	15	—	—	—	—	—	—	—	
Abbotsinch .. .. .	21-9	5	9.2	2.2	5.7	+0.1	16.4	23	-4.8	12	—	—	45	70	8	29	16	10	6	0	3	0	0	2	8	17	14	0	2.81	96	—	—	—	—
Lanark																																		
Crossmyloof .. .. .	99	23	9.3	2.5	5.9	—	16.8	23	-1.8	12	—	—	43	—	6	4	14	9	1	0	0	0	0	2	3	—	—	0	2.94	—	—	—	—	
East Kilbride .. .. .	99	178	7.9	1.4	4.7	—	15.7	17	-2.6	12	—	—	53	—	10	4	19	11	—	1	—	—	—	—	8	15	—	—	—	—	—	—	—	
Glasgow, Springburn .. .. .	99	107	8.1	1.9	5.0																													



Table 3 Summary of daily observations

March 1972

District, county and place		max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine		
					means of				highest max. and lowest min.				30 cm (°C) 100 cm (°C)		total fall (mm)	percentage of 1916-60 average	amount (mm)	most in a day	precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average exposure
					max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																					
6b ISLE OF MAN																																	
Isle of Man																																	
Ronaldsway .. .. .	21-9	16	9.2	3.5	6.3	—	13.0	19	-1.4	5	—	—	75	136	25	31	13	10	4	0	2	3	1	0	2	15	4	2	3.87	—			
Douglas .. .. .	99	87	8.5	3.6	6.1	+0.2	13.3	17	-0.1	5	—	—	73	99	24	31	15	11	2	0	5	1	0	0	1	9	—	3	3.81	98			
Point of Ayre .. .. .	21-9	9	9.0	3.5	6.3	—	12.4	18	-1.5	5	—	—	53	108	26	31	12	9	0	0	0	0	1	0	2	—	—	2	4.09	—			
2 ENGLAND NE																																	
Northumberland																																	
Kielder Castle .. .. .	99	201	8.4	-0.2	4.1	—	16.2	19	-4.4	14	4.6	—	76	96	16	16	16	11	3	1	0	0	0	7	14	25	—	0	—	—			
Haydon Bridge .. .. .	99	79	9.0	1.5	5.3	—	16.0	24	-2.9	14	5.1	5.5	62	—	18	16	16	11	1	0	0	0	1	5	5	15	—	0	—	—			
Corbridge .. .. .	99	49	9.0	—	—	—	15.4	24	—	—	—	—	68	—	30	16	16	10	2	0	3	0	1	7	17	17	—	0	—	—			
Berwick-on-Tweed .. .. .	99	23	8.0	2.4	5.2	0.0	13.6	24	-1.6	16	—	—	39	102	15	16	14	12	1	0	0	0	0	5	3	16	—	0	3.33	93			
Acklington .. .. .	21-9	42	8.5	1.5	5.0	+0.1	14.3	24	-3.5	14	—	—	53	132	20	16	19	9	1	0	1	1	1	3	8	16	13	1	3.47	—			
Tynemouth .. .. .	21-9	29	7.8	3.2	5.5	-0.2	12.7	24	0.7	4.6	—	—	35	99	5	3	18	11	1	0	0	0	0	4	0	12	—	1	3.14	98			
Seahouses .. .. .	21-9	11	8.2	3.0	5.6	—	13.5	20	-0.8	14	—	—	45	—	14	16	16	10	3	0	1	0	0	5	2	13	10	0	3.52	—			
Durham																																	
Chopwellwood .. .. .	99	136	8.9	1.8	5.3	+0.3	16.0	18:19	-2.0	13	—	—	63	137	15	16	17	12	3	0	1	0	1	5	7	20	—	0	—	—			
Durham .. .. .	99	102	8.9	1.9	5.4	+0.3	15.5	23	-1.5	14	5.5	6.1	52	124	9	26	17	12	—	0	—	—	—	7	4	19	—	—	3.22	98			
Hartburn Grange .. .. .	99	31	9.1	1.6	5.3	—	14.1	20:23	-1.6	6	—	—	45	—	7	4	19	13	1	0	0	0	1	5	5	18	—	0	3.20	—			
Hartlepool .. .. .	99	9	9.1	3.4	6.3	—	14.7	23	0.5	14	—	—	42	121	7	7	16	12	1	0	1	0	1	4	0	—	—	0	3.46	—			
Yorkshire N Riding																																	
Leeming .. .. .	21-9	32	9.5	2.4	5.9	—	15.0	19	-1.0	13	—	—	57	145	8	4	19	15	4	0	0	1	1	5	4	16	11	0	3.87	—			
Marton .. .. .	99	46	9.5	2.2	5.9	—	16.1	20	-0.6	14	5.7	5.9	60	—	8	7	20	14	1	0	0	3	1	—	3	17	—	0	3.84	—			
York (Heslington) .. .. .	99	20	9.6	2.0	5.8	—	15.7	20	-0.9	4	5.5	5.9	61	—	10	4	18	14	0	0	0	0	1	5	2	19	—	0	3.81	—			
Pickering .. .. .	99	44	9.5	1.0	5.3	—	16.8	20	-1.9	25	—	—	59	—	9	4	17	16	2	0	1	1	1	2	11	18	—	0	—	—			
Scarborough .. .. .	99	53	8.9	2.4	5.7	—	14.0	22	-0.9	18	5.4	5.9	62	—	8	7	19	15	1	0	0	0	1	5	3	15	8	1	3.69	108			
Silpho Moor .. .. .	99	203	8.5	1.3	4.9	—	16.2	19	-2.8	14	4.3	—	78	149	10	8	18	17	1	0	0	0	0	2	7	19	—	0	4.08	—			
Whitby Coastguard .. .. .	21-9	60	—	2.1	—	—	—	—	-1.3	18	—	—	47	—	8	7	16	15	0	0	0	0	0	4	4	6	3	4	—	—			
Yorkshire E Riding																																	
High Mowthorpe .. .. .	99	175	8.2	1.4	4.8	—	15.0	19	-1.6	13	4.5	—	65	134	10	4	17	15	—	0	—	—	—	4	9	23	—	—	4.04	—			
Hull .. .. .	99	2	10.3	2.2	6.3	+0.3	17.1	20	-0.2	19	6.0	6.5	63	165	10	31	16	15	0	0	0	0	0	2	1	14	—	0	4.01	130			
Filey .. .. .	99	37	8.4	2.0	5.2	—	13.2	22	-1.0	18	—	—	52	126	6	7	20	15	0	0	0	0	1	6	3	12	—	0	3.98	—			
Bridlington .. .. .	99	48	8.5	2.2	5.3	+0.2	13.0	20	-1.0	18	—	—	50	119	8	31	17	13	0	0	0	1	1	3	4	11	—	1	4.30	112			
Kilnsea .. .. .	21-9	12	8.1	3.4	5.7	—	13.8	20	0.0	18	—	—	39	—	8	31	17	11	0	0	1	0	0	2	0	—	—	4	4.15	—			
Lincoln																																	
Waddington .. .. .	21-9	68	10.1	2.5	6.3	+0.7	18.6	20	-1.7	13	—	—	79	—	13	7	20	15	4	0	1	3	2	2	5	13	10	0	4.26	118			
Lincoln .. .. .	99	7	10.3	1.7	6.0	+0.1	18.5	20	-1.8	25	5.9	5.7	75	203	14	7	20	12	0	0	0	0	0	2	10	16	—	0	3.11	—			
Cranwell .. .. .	99	62	10.2	1.4	5.8	+0.3	17.7	20	-2.5	13	5.5	5.6	56	151	12	31	18	9	3	0	0	0	1	2	7	15	9	0	4.08	112			
Brigg .. .. .	99	3	10.3	1.9	6.1	—	17.8	20	-1.0	14:25	—	—	68	—	10	31	17	16	0	0	3	0	0	4	6	16	—	0	—	—			
Binbrook .. .. .	21-9	108	9.3	2.3	5.8	—	17.0	20	-1.4	2	—	—	78	—	17	7	19	16	3	0	0	1	2	3	3	14	12	1	4.32	—			
Cleethorpes .. .. .	99	7	9.3	2.8	6.1	+0.4	14.8	22	-0.5	19	—	—	47	128	11	7	14	12	—	0	—	—	—	3	1	10	—	—	3.50	95			
Manby .. .. .	21-9	17	10.1	2.3	6.2	—	18.6	20	-1.2	25	6.0	—	45	129	7	7	16	13	3	0	0	3	1	2	5	17	11	0	4.56	—			
Skegness .. .. .	99	5	9.3	2.4	5.9	+0.4	16.5	20	-4.0	18	—	—	45	137	10	7	12	12	0	0	0	0	0	2	1	8	—	0	4.58	(121)			
3 ENGLAND E																																	
Norfolk																																	
Terrington St Clement .. .. .	99	3	11.2	1.7	6.5	+0.7	18.9	20	-1.8	19	6.3	—	47	—	9	7	14	10	0	0	0	0	0	2	8	16	—	0	4.24	109			
Marham .. .. .	21-9	23	11.7	2.2	6.9	—	19.3	20	-2.1	13	—	—	42	—	8	31	16	8	3	0	0	3	0	1	7	16	12	1	—	—			
Santon Downham .. .. .	99	24	11.9	-0.7	5.6	—	19.1	15	-5.5	22:24	5.7	6.1	44	116	10	31	16	13	—	1	—	—	—	—	20	23	—	—	4.63	—			
East Dereham .. .. .	99	53	12.0	2.7	7.3	—	20.5	20	-1.5	13	—	—	35	—	6	3:31	15	8	—	0	—	—	—	0	6	21	—	—	—	—			
Morley St Botolph .. .. .	99	48	11.0	1.7	6.3	—	18.3	20	-1.3	2	5.6	—	31	—	7	27	12	10	3	0	0	0	0	—	5	21	—	0	4.99	—			
Cromer .. .. .	99	54	10.4	3.3	6.9	+1.1	18.8	15	0.0	2:4	—	—	28	70	6	30	8	7	0	0	0	0	0	0	4	—	—	2	—	—			
Scotse .. .. .	99	30	11.4	1.6	6.5	—	19.1	19:20	-2.3	18	5.8	6.2	36	—	6	31	14	12	2	0	0	1	0	1	7	20	—	0	5.11	—			
Coltishall .. .. .	21-9	17	11.1	2.0	6.5	—	18.9	20	-2.0	18	—	—	24	—	5	30	16	7	2	0	1	0	0	2	5	23	11	1	—	—			
Gorleston .. .. .	21-9	4	9.2	3.3	6.3	+0.7	15.4	22	-0.2	2	6.0	6.6	15	45	3	30	11	7	0	0	0	0	0	4	1	18	4	2	4.76	118			
Suffolk																																	
Brooms Barn .. .. .	99	75	11.1	2.5	6.8	—	18.9	20	-1.6	13	5.7	6.0	40	—	9	31	16	12	2	1	0	1	0	0	3	13	—	1	4.84	—			
Honington .. .. .	21-9	51	11.5	2.0	6.7	—	19.1	19	-2.2	2	—	—	41	—	8	31	13	13	2	1	1	1	1	1	4	20	12	1	—	—			
East Bergholt .. .. .	99	4	11.7	1.2	6.5	—	19.0	19	-2.5	2	—	—	47	127	8	5	14	11	—	—	—	—	—	1	12	25	—	—	—	—			
Wattisham .. .. .	21-9	89	10.9	2.5	6.7	—	18.0	19	-2.3	2	—	—	40	108	7	5	13	12	3	0	0	1	0	2	5	18	11	0	5.00	—			
Aldeburgh .. .. .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.55	—			
Lowestoft .. .. .	99	25	10.1	2.7	6.4	+1.0	16.5	20	-0.7	13	6.1	6.4	20	59	4	3	11	8	2	0	0	0	0	1	1	7	—	2	4.71	114			
Cambridge																																	
Boxworth .. .. .	99	44	11.2	1.7	6.5	—	18.5	19	-2.5	13	—	—	47	143	8	31	15	11	1	0	1	0	0	3	7	19	—	0	4.85	—			
Mepal .. .. .	99	1	11.5	1.3	6.4	—	18.7	19	-2.8	25	6.8	7.8	45	—	8	31	15	10	1	0	0	0	0	5	12	22	—	0	4.67	—			
March .. .. .	99	2	11.7	(2.0)	(6.9)	—	19.3	20	-1.8	13	—	—	34	93	8	6	15	11	—	0	—	—	—	—	4	—	—	—	—	—			
Cambridge																																	
Bot																																	



District, county and place	terminal $\lambda$ (GMT)		height of station above MSL (metres)	air temperature in $^{\circ}\text{C}$								mean earth temp.		rainfall (terminal h 09 GMT)		weather (number of days)														bright sunshine			
	max.	min.		means of		daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30 cm ( $^{\circ}\text{C}$ )	100 cm ( $^{\circ}\text{C}$ )	total fall (mm)	percentage of 1916-50 average	most in a day	precipitation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below $0^{\circ}\text{C}$	concrete min. below $0^{\circ}\text{C}$	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
				max. (a)	min. (b)			max.	date	min.	date																						
3 ENGLAND E—continued																																	
Essex																																	
Little Parndon .. ..	99	54	11.5	2.0	6.7	—	18.0	15:18:19	-4.0	-2	—	—	40	—	9	5	13	10	—	0	—	—	—	—	1	5	—	—	—	—	—	—	—
Harlow .. ..	99	79	12.2	2.4	7.3	—	18.9	18	-2.1	2	—	6.8	46	—	8	5	14	11	(0)	(0)	(0)	(0)	(0)	1	3	3	—	—	0	(5.26)	—	—	
Stansted .. ..	21-9	101	11.3	2.5	6.9	+1.4	18.4	18	-3.5	2	—	—	55	145	8	31	14	11	5	0	2	0	1	2	6	21	14	0	—	—	—	—	
Writtle .. ..	99	32	11.6	1.6	6.6	—	18.5	15	-3.4	2	6.3	—	41	113	6	2	15	10	1	0	0	0	1	8	9	22	—	0	4.56	—	—		
Southend .. ..	99	2	11.0	3.6	7.3	—	16.2	19	-1.4	2	—	—	32	—	7	10	9	9	3	0	0	0	1	3	0	17	—	1	5.25	—	—		
Maldon .. ..	99	4	(11.2)	(2.6)	(6.9)	—	18.1	19	-2.1	2	—	—	—	—	—	—	—	1	—	0	0	1	3	3	—	—	—	—	—	—	—		
Earls Colne .. ..	99	49	11.6	2.0	6.8	—	18.8	19	-2.5	2	6.3	6.8	41	108	6	31	15	11	—	0	—	—	—	2	2	23	—	—	—	—	—		
Shoburyness .. ..	21-9	2	10.5	3.1	6.8	+0.7	15.2	19	-2.5	2	—	—	32	99	7	27	9	9	1	0	2	1	2	4	2	18	13	1	5.17	128	—		
Clacton-on-Sea .. ..	99	16	9.8	3.9	6.9	+1.3	14.8	16	0.7	9	6.9	7.2	43	130	8	10	12	10	2	0	0	0	0	0	0	15	—	0	5.11	120	—		
Walton-on-Naze .. ..	21-9	5	9.4	3.7	6.5	—	13.9	23	-0.5	2	—	—	50	—	11	5	13	10	3	0	1	0	0	2	1	2	2	5	5.16	—	—		
Dovercourt .. ..	99	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
4 MIDLAND COUNTIES																																	
Yorkshire W Riding																																	
Slaidburn .. ..	99	192	8.2	1.5	4.9	—	16.7	19	-2.4	21	—	—	87	95	18	30	17	12	3	2	3	0	0	1	9	16	—	0	3.45	—	—		
Malham Tarn .. ..	99	395	6.9	(1.5)	(4.2)	—	14.7	19	-1.8	4	3.8	—	105	119	17	30	19	15	5	4	0	1	0	4	(9)	20	—	0	—	—	—		
Huddersfield .. ..	99	99	9.6	2.2	5.9	—	15.3	19:25	-1.9	6	5.4	5.5	61	115	9	31	16	14	—	1	—	—	—	4	6	(9)	—	—	3.33	136	—		
Huddersfield Oakes .. ..	21-9	235	8.6	2.0	5.3	+0.4	15.5	23	-2.3	6	5.0	4.7	80	125	12	30	20	13	7	1	0	3	2	9	6	18	12	1	3.54	121	—		
Bradford .. ..	99	134	8.7	2.0	5.3	+0.3	15.1	19	-1.6	6	5.1	5.3	81	150	9	31	18	15	4	0	2	1	0	6	5	14	—	0	3.53	127	S		
Ilkley .. ..	99	96	9.1	1.7	5.4	+0.3	15.0	19	-2.5	6	—	—	81	136	10	26	17	16	1	0	0	0	0	6	4	9	—	0	3.32	—	—		
Sheffield .. ..	99	131	9.9	2.5	6.2	+0.5	18.2	19	-0.9	13	5.6	5.8	106	208	13	6	17	16	4	1	0	1	1	—	4	14	—	0	3.83	136	—		
Pontefract .. ..	99	78	9.5	2.3	5.9	+0.5	15.1	19	-1.8	6	—	—	74	213	13	8	17	13	2	0	0	1	1	4	4	7	—	0	—	—	—		
Bramham .. ..	99	54	9.2	1.6	5.4	—	14.5	23	-2.1	13	—	—	72	153	10	4	16	13	2	0	0	0	0	4	8	—	—	0	3.15	—	—		
Cawood .. ..	99	6	9.5	1.9	5.7	—	15.0	19:20	-1.0	8:13:15	5.4	5.6	65	175	11	4	18	15	0	0	0	1	0	5	4	16	—	0	3.57	—	—		
Askham Bryan .. ..	99	34	9.6	1.7	5.7	—	15.7	20	-1.6	12	—	—	59	156	12	4	15	13	0	0	0	0	0	10	7	20	—	0	3.63	115	—		
Derby																																	
Buxton .. ..	99	307	7.9	0.7	4.3	+0.3	15.0	19	-2.2	6	—	—	171	234	28	31	17	17	4	1	0	0	0	5	10	15	—	0	4.17	145	S		
Mackworth .. ..	99	89	10.1	2.0	6.1	—	17.4	19	-1.8	2	—	—	68	—	10	6	16	15	—	0	—	—	—	6	6	—	—	—	—	—	—		
Ashover .. ..	99	186	9.2	1.9	5.5	—	16.8	19	-1.8	6	—	—	115	—	15	16	17	17	7	2	0	2	0	4	6	13	—	0	3.91	—	—		
Derby .. ..	99	48	10.8	2.8	6.8	—	18.3	19:20	-1.2	6	—	—	72	160	10	6	17	14	1	0	0	0	0	4	3	15	—	1	3.80	—	—		
Morley .. ..	99	107	10.4	1.6	(6.0)	—	17.6	20	-2.4	13	—	—	78	165	12	6	17	16	—	1	—	—	—	5	7	15	—	—	3.95	—	S		
Wingerworth .. ..	99	126	9.4	1.3	5.3	—	16.8	19	-3.4	6	6.3	—	103	—	15	4	18	18	6	2	0	5	2	7	9	23	13	0	3.41	—	—		
Nottingham																																	
Sutton Bonington .. ..	99	48	10.4	2.4	6.4	+0.8	18.2	20	-1.9	13	6.1	6.2	61	171	12	4	18	13	1	0	1	0	1	3	3	20	—	0	3.93	119	—		
Watnall .. ..	21-9	117	10.1	2.4	6.3	+0.7	18.4	20	-1.9	6	—	—	92	210	12	4	18	15	9	1	5	1	2	3	4	16	9	0	3.44	105	—		
Mansfield .. ..	99	110	(9.5)	2.4	(5.9)	+0.3	17.0	19:20	-1.5	13	5.6	—	97	216	16	6	17	17	1	0	0	0	0	3	4	16	—	—	—	—	—		
Nottingham .. ..	99	59	10.7	2.9	6.8	+0.8	18.9	20	-1.2	2	5.8	5.7	74	201	9	4	18	16	3	0	0	0	2	4	2	13	—	0	3.99	134	—		
Warsop .. ..	99	46	10.1	1.4	5.7	—	17.5	20	-7.8	25	—	—	86	226	15	6	18	16	—	0	—	—	—	4	8	23	—	—	3.86	—	—		
Finningley .. ..	21-9	10	10.3	2.0	6.1	—	17.2	20	-2.5	2	—	—	82	233	17	8	18	15	4	0	0	0	1	4	7	19	13	0	3.41	—	—		
Leicester																																	
Newtown Linford .. ..	99	119	10.4	1.9	6.1	—	18.5	20	-2.4	13	—	—	56	128	11	4	17	14	3	0	1	0	0	2	7	—	—	0	4.00	—	—		
Caldecott .. ..	99	52	(11.1)	(1.3)	(6.2)	—	19.8	20	-3.5	2	—	—	60	167	12	6	(16)	13	—	0	—	—	—	5	10	20	—	—	(3.91)	—	—		
Northampton																																	
Bugbrooke Mills .. ..	99	69	11.1	(1.5)	(6.3)	—	19.0	20	-3.2	2	5.9	6.2	58	153	20	4	17	10	—	0	—	—	—	5	(9)	—	—	—	(4.45)	—	—		
Raunds .. ..	99	59	11.3	1.5	6.4	+0.7	18.6	20	-2.1	2	6.0	6.2	49	131	8	6	17	14	3	0	0	2	0	6	12	20	—	0	4.17	118	S		
Wittering .. ..	99	65	10.8	2.6	6.7	+1.0	18.6	20	-2.3	2	—	—	44	129	9	6	17	12	6	0	1	3	1	5	4	20	10	1	4.39	—	S		
Warwick																																	
Birmingham																																	
King Edward School .. ..	99	137	(10.5)	2.7	(6.6)	—	17.5	19	-1.0	13	—	—	75	156	17	31	15	13	5	0	1	4	0	4	4	—	—	0	—	—	—		
Edgbaston .. ..	21-9	163	10.1	3.3	6.7	+0.8	17.2	19	-1.4	13	6.7	7.7	76	159	18	31	18	12	6	0	3	2	0	4	3	12	9	0	4.35	138	—		
Luddington .. ..	99	56	11.1	2.1	6.6	—	18.2	20	-2.4	2	—	—	53	—	9	6	16	12	2	0	0	0	0	6	8	20	—	0	4.60	—	—		
Stratford-on-Avon .. ..	99	49	11.7	1.5	6.6	—	19.0	20	-3.7	2	6.8	—	51	138	9	31	18	12	3	0	0	0	0	1	9	—	—	—	4.64	—	—		
Shipston-on-Stour .. ..	99	111	10.8	2.6	6.7	—	17.5	20	-1.8	2	5.8	—	76	180	15	4	20	15	2	0	0	2	0	2	6	19	—	1	4.58	—	—		
Elmdon .. ..	21-9	96	10.7	2.3	6.5	—	18.0	20	-2.0	2	—	—	69	—	13	31	16	12	8	0	4	1	1	3	7	24	10	0	4.54	—	—		
Wellesbourne .. ..	99	47	(11.2)	(2.2)	(6.7)	—	18.4	20	-1.7	2	(6.2)	(6.3)	55	139	15	4	16	14	—	—	—	—	—	(6)	—	(17)	—	—	4.16	—	—		
Moreton Morrell .. ..	99	85	11.1	(2.0)	(6.5)	—	18.7	20	-1.8	2	—	—	56	133	17	4	16	13	2	0	0	1	1	5	7	14	—	0	4.66	—	—		
Rugby .. ..	99	117	11.0	2.0	6.5	+0.9	18.7	20	-2.4	2	5.8	—	51	128	13	4	18	12	1	0	1	0	0	—	7	16	—	0	—	—	—		
Oxford																																	
Brize Norton .. ..	21-9	84	11.7	2.8	7.3	—	18.7	20	-2.0	2	—	—	60	—	21	4	20	12	6	0	2	0	1	3	6	13	—	0	—	—	—		
Oxford .. ..	99	63	11.8	2.8	7.3	+0.9	18.8	17	-3.0	2	6.6	6.6	63	150	23	4	16	9	2	0	0	1	0	2	4	15	—	0	4.65	119	—		
Shirburn Model Farm .. ..	99	108	12.0	2.4	7.2	—	19.5	17:20	-1.8	2	—	—	73	—	20	4	14	13	4	1	1	1	1	0	4	19	—	0	—	—	—		
Buckingham																																	
Medmenham .. ..	99																																



Table 3 Summary of daily observations

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March 1972

District, county and place	max. min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date																						
4 MIDLAND COUNTIES—continued																																
Hereford																																
Hereford	9 9	52	11.2	2.3	6.7	—	17.4	22	-2.7	2	6.8	7.0	53	—	15	6	16	11	2	0	0	2	0	8	4	19	—	0	4.18	—	—	
Sewage Works	9 9	155	9.8	2.0	5.9	+0.9	16.2	22	-3.0	2	—	—	78	137	13	27	16	15	—	—	—	—	—	6	15	—	—	—	—	—	—	
Lyonshall	21-9	68	11.2	3.0	7.1	+0.7	18.5	19	-2.8	2	6.9	7.2	66	135	14	6	18	13	3	0	1	0	4	2	16	8	0	4.34	115	—	—	
Ross-on-Wye	9 9	84	10.6	—	—	—	17.0	19	—	—	—	—	58	138	14	6	18	14	—	—	—	—	5	—	21	—	—	(3.95)	—	—	—	
Preston Wynne	9 9	84	10.6	—	—	—	17.0	19	—	—	—	—	58	138	14	6	18	14	—	—	—	—	5	—	21	—	—	(3.95)	—	—	—	
Gloucester																																
Filton	21-9	59	11.5	3.3	7.4	+0.9	18.1	16	-3.1	2	—	—	61	122	16	4	20	11	4	0	2	0	0	2	13	8	0	4.72	—	—	—	
Hempsted	9 9	12	11.5	1.9	6.7	—	17.9	19	-2.1	13	7.2	7.5	54	113	11	4	15	13	2	0	0	1	0	4	7	14	—	0	4.42	—	—	
Gloucester	21-9	24	11.9	3.7	7.8	—	19.0	16:19	-1.4	2	—	—	61	—	13	6	16	13	3	0	2	2	1	2	2	15	6	0	4.35	—	—	
Cheltenham	9 9	65	11.1	2.7	6.9	+0.5	18.6	20	-1.5	2	—	—	66	157	14	6	16	14	—	—	—	—	—	4	—	—	—	—	4.36	—	—	
Cirencester	9 9	135	10.9	2.3	6.6	—	17.6	20	-1.5	4	—	—	57	102	9	6	16	13	2	0	0	0	0	2	5	15	—	0	—	—	—	
Little Rissington	21-9	226	10.1	2.8	6.5	—	17.4	20	-2.1	13	—	—	71	137	16	4	21	13	10	2	3	2	2	7	11	9	2	4.79	—	—	—	
5 ENGLAND SE																																
Greater London																																
Kensington Palace	9 9	25	12.3	4.1	8.2	+1.1	19.1	15:19	0.1	6	7.2	7.3	57	146	11	4	17	15	2	0	0	2	3	2	0	13	—	1	—	—	—	
Hampstead	9 9	137	11.4	3.4	7.4	+1.6	18.5	19	-1.0	12	—	—	54	133	12	4	16	14	2	0	0	0	4	—	3	16	—	0	5.25	147	—	—
St James Park	9 9	4	12.3	4.4	8.3	+1.1	19.4	19	-0.2	3	—	—	49	130	13	4	12	10	1	—	0	1	2	—	1	11	—	0	—	—	—	
London Weather Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.94	159	—	
Greenwich	9 9	7	12.4	3.0	7.7	—	19.4	19	-1.5	13	—	—	47	127	9	5	12	12	0	0	1	1	2	2	10	10	—	0	4.53	138	—	—
Heathrow	21-9	25	12.3	3.6	7.9	+1.3	19.6	16	-0.6	2	—	—	54	142	16	4	15	13	1	0	2	0	1	1	2	14	6	0	4.66	—	—	—
Hampton	9 9	12	12.1	3.2	7.7	—	19.6	16:17	-1.9	2	—	—	56	156	13	4	16	12	1	0	0	2	2	4	2	18	—	0	4.78	—	—	—
Wealdstone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.72	—	—	—
Southgate	9 9	67	12.0	3.1	7.5	—	18.7	19	-1.1	2	6.5	—	63	156	12	4	16	12	3	0	0	0	2	2	1	15	—	0	5.39	—	—	—
Kew	21-9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
psychrometer screen	—	—	12.2	2.0	7.1	—	19.1	16	-3.3	6	6.6	7.0	50	134	12	4	15	13	2	0	1	1	2	1	11	19	12	0	5.18	142	—	—
Waddon	9 9	59	12.2	2.8	7.5	+1.0	19.5	16	-1.0	2	—	—	77	179	13	4	15	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Addington	9 9	144	11.5	3.2	7.3	+1.4	19.0	16	-1.1	13	—	—	79	176	16	4	15	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bromley	9 9	65	12.2	3.0	7.6	+1.1	19.0	15:19	-1.0	2	—	—	63	152	12	5	13	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Surrey																																
Gatwick	21-9	59	12.2	1.4	6.8	+0.7	20.0	16	-3.7	2	—	—	70	146	15	4	16	12	2	0	0	2	0	1	12	21	10	0	5.17	—	—	—
Wisley	9 9	35	12.3	2.2	7.3	+1.0	19.4	16	-3.3	2	7.0	7.3	70	—	15	4	16	12	1	0	2	0	1	9	3	17	—	5	4.96	—	—	—
Mickleham	9 9	55	12.0	0.6	6.3	—	19.1	16	-3.0	2:10	6.1	6.2	71	148	17	4	17	12	1	0	0	0	1	1	15	24	—	0	—	—	—	—
Kent																																
Hadlow College	9 9	30	11.9	1.5	6.7	—	18.6	16:17	-1.7	6	6.4	6.9	51	—	10	4	14	11	3	0	0	1	2	1	9	22	—	0	4.89	—	—	—
Gillingham	9 9	4	(11.5 3.1 (7.3))	—	—	—	19.3	19	0.0	6	—	—	35	89	7	4	14	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peckham	21-9	29	11.9	1.8	6.9	—	19.4	17	-1.9	2	—	—	46	—	9	4	14	8	2	0	1	0	2	1	9	21	17	1	5.46	—	—	—
Dungeness	9 9	3	9.6	4.1	6.9	+1.1	13.8	19	-0.8	2	—	—	37	96	11	4	13	9	0	0	0	0	0	2	1	—	—	5	—	—	—	—
Whitstable	9 9	3	11.3	2.4	6.9	—	18.9	15	-2.5	2	—	—	35	102	6	4	12	8	1	0	0	0	1	2	5	—	—	2	5.29	—	—	—
Folkestone	9 9	31	11.1	2.9	7.0	—	17.9	16	-2.1	6	7.0	4.2	—	8	10	10	7	4	0	0	3	1	1	3	16	—	6	5.88	—	—	—	—
Elmstone	9 9	9	11.8	1.6	6.7	—	19.2	19	-3.3	2	—	—	41	—	7	6	9	8	—	—	—	—	—	3	8	14	—	—	—	—	—	—
Herne Bay	9 9	31	10.7	2.6	6.7	—	18.0	19	-1.0	2:6	—	—	32	—	5	4:27	9	8	0	0	0	0	0	7	3	—	—	0	5.65	—	—	—
Dover	9 9	6	10.9	4.2	7.5	+1.2	17.6	21	0.5	12	7.2	6.9	45	98	9	27	10	8	1	0	1	1	1	0	4	—	1	5.45	—	—	—	—
Manston	21-9	44	11.1	3.1	7.1	—	18.0	18	-1.1	2	—	—	35	108	9	5	10	8	2	0	1	1	0	3	2	14	6	0	—	—	—	—
Margate	9 9	16	10.2	4.1	7.1	+0.6	17.5	19	0.6	6:13	6.5	6.9	39	—	9	5	9	7	0	0	0	0	1	2	0	5	—	1	5.58	124	—	—
Goudhurst	9 9	85	11.4	1.8	6.6	—	18.6	16	-3.6	2	—	—	61	115	16	4	17	12	1	1	0	0	0	0	7	22	—	0	—	—	—	—
East Malling	9 9	37	11.8	2.0	6.9	+1.0	18.9	16:19	-1.5	2	6.1	6.3	48	113	10	27	13	11	2	1	0	0	0	2	7	16	—	0	5.07	132	—	—
Throley	9 9	150	10.4	2.5	6.5	—	17.2	19	-1.4	13	5.9	6.1	59	119	13	4	17	9	4	1	0	0	1	2	4	20	—	0	5.41	—	—	—
Faversham	9 9	48	10.9	2.4	6.7	—	18.1	19	-1.4	2	6.0	6.4	45	—	11	4	14	8	1	0	1	1	1	3	4	16	—	0	5.34	—	—	—
Wye	9 9	56	11.2	2.2	6.7	+0.7	18.6	17	-2.3	2	6.5	6.7	50	101	10	6	11	9	1	0	0	0	1	5	7	20	—	2	5.50	130	—	—
Sussex																																
Thorney Island	21-9	3	11.5	3.9	7.7	—	19.1	20	-2.4	2	—	—	51	117	18	4	12	9	2	0	1	1	0	0	2	14	6	1	5.52	—	—	—
Rogate	9 9	64	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bognor Regis	9 9	7	10.7	4.3	7.5	+1.3	18.1	21	-0.5	2	—	8.0	48	100	17	4	11	8	0	0	1	0	0	0	2	7	—	0	6.03	139	—	—
Fernhurst	9 9	57	12.5	0.8	6.7	—	19.7	16	-4.1	2	6.4	—	77	133	24	4	17	10	1	—	0	1	0	—	15	16	—	0	5.04	—	—	—
Littlehampton	9 9	5	11.1	4.6	7.9	+1.5	19.4	21	0.1	2	—	7.7	42	92	16	4	13	8	0	0	0	0	0	0	0	—	—	0	5.73	131	—	—
North Heath	9 9	21	12.5	2.1	7.3	—	19.6	16	-2.5	25	6.9	7.2	63	—	17	4	14	10	1	0	0	0	0	0	9	19	—	0	4.99	—	—	—
Worthing	9 9	2	10.9	4.3	7.6	—	18.6	21	-2.0	2																						



[illegible]



Table 3 Summary of daily observations

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March 1972

District, county and place	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.		rainfall (terminal h 09 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 (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date						0.2 mm or more	1.0 mm or more															
8a SOUTH WALES—continued																																
Cardigan—continued																																
Llety-eyan-hen .. ..	99	290	8.9	2.8	5.9	—	16.2	17	-3.2	12	—	—	135	162	55	31	15	12	2	2	0	4	1	1	6	12	—	0	3.94	104	—	
Cwmystwyth .. ..	99	301	9.0	1.6	5.3	—	15.9	19	-2.8	5:22	—	—	168	—	57	31	15	14	—	2	—	—	—	—	11	15	—	—	3.54	—	5	
Pembroke																																
Dale Fort .. ..	99	33	7.0	4.6	5.8	—	15.9	16	0.3	12:13	7.4	—	57	—	15	6	12	11	3	0	2	0	0	2	0	2	—	1	5.37	—	—	
Milford Haven .. ..	21-9	37	10.3	4.6	7.5	—	15.0	21	-0.5	13	—	—	88	—	15	6	13	11	0	0	0	2	0	1	1	6	2	5	—	—	—	
Conservancy Board ..	99	61	10.3	3.8	7.1	—	15.4	21	-0.7	13	6.8	—	77	—	15	6	15	11	1	0	0	3	0	0	1	12	—	2	—	—	—	
Orielton .. ..	99	8	10.5	2.4	6.5	—	15.6	16	-3.4	2	—	—	85	—	14	2	12	12	0	—	1	0	0	—	8	—	—	0	4.36	—	—	
Haverfordwest .. ..	99	8	10.5	2.4	6.5	—	15.6	16	-3.4	2	—	—	85	—	14	2	12	12	0	—	1	0	0	—	8	—	—	0	4.36	—	—	
Carmarthen																																
Carmarthen .. ..	99	15	11.1	2.8	6.9	—	17.5	17	-2.5	2	6.7	7.3	105	124	17	4	16	12	1	0	2	0	0	1	5	23	—	4	4.39	—	—	
Esgairwen-Uchaf .. ..	99	332	8.8	2.3	5.5	—	16.4	17	-2.3	13	—	—	105	—	24	25	16	13	7	3	4	1	0	1	7	11	—	3	—	—	—	
Brynamman .. ..	21-9	183	10.6	3.2	6.9	—	17.5	21	-1.9	4	—	—	133	—	24	4	17	14	3	—	4	1	3	0	6	9	—	0	—	—	—	
Radnor																																
Cenarth Mill .. ..	21-9	282	8.7	0.8	4.7	—	15.3	19	-4.3	22	—	—	109	—	21	27	19	15	—	2	—	—	—	5	12	25	—	—	—	—	—	
Llandrindod Wells ..	99	235	10.1	1.4	5.7	+0.4	16.4	18	-3.2	2	5.5	—	115	174	27	4	18	15	4	4	2	0	0	2	7	—	—	0	3.89	109	S	
Brecknock																																
Llwynon .. ..	99	242	9.6	1.1	5.3	—	16.3	22	-5.8	2	—	—	154	—	17	31	19	17	7	2	0	1	0	5	8	—	—	0	4.13	—	S	
Glamorgan																																
Mumbles .. ..	21-9	36	10.0	4.7	7.3	—	17.2	20	0.5	13	—	—	—	—	—	—	—	—	2	0	3	0	1	0	0	5	1	5	—	—	—	
Penmaen .. ..	99	82	10.5	3.9	7.2	—	17.0	20	-1.1	13	6.7	7.0	83	—	15	4	15	12	2	0	2	2	1	0	1	10	—	6	5.11	—	—	
Swansea .. ..	99	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Port Talbot .. ..	99	7	12.1	4.6	8.3	—	18.2	16	-0.5	23	—	—	74	118	14	5	15	14	3	0	2	0	1	0	1	9	—	0	5.18	—	S	
Neath .. ..	99	62	10.6	4.4	7.5	—	17.6	20	-0.5	13	—	—	92	—	15	2	18	13	1	0	2	0	1	0	1	8	—	0	—	—	—	
Porthcawl .. ..	99	6	10.8	4.4	7.6	—	16.8	16	0.0	13	—	—	74	—	12	5	15	14	—	—	—	—	—	0	0	—	—	—	—	—	—	
Rhose .. ..	21-9	67	11.2	3.8	7.5	—	17.8	20	-0.5	13	—	—	66	115	12	27	18	13	4	0	4	0	0	2	1	10	9	0	5.33	138	—	
Cardiff .. ..	99	62	11.4	3.6	7.5	+0.9	17.3	16	-1.7	13	6.7	7.2	64	98	11	4	19	15	0	—	0	0	0	0	1	10	—	0	4.86	—	S	
Monmouth																																
Tredegar .. ..	99	313	(9.6)	(2.2)	(5.9)	—	17.2	20	-2.0	24:13	—	—	154	146	22	6	19	17	5	2	0	3	1	5	6	16	—	2	4.28	—	—	
Newport .. ..	99	23	11.5	3.3	7.4	+0.9	18.3	19	-0.7	4:14	—	—	74	115	13	26	17	14	2	0	0	0	0	0	3	20	—	0	4.83	—	—	
Usk .. ..	99	21	14.7	3.0	8.9	—	19.0	16	-1.0	2	6.8	—	91	133	12	5	15	15	—	0	—	—	—	8	1	11	—	—	—	—	—	
Crumbland .. ..	99	245	9.5	2.7	6.1	—	16.4	18	-2.0	13	5.8	6.0	97	140	16	2	19	17	2	2	1	0	0	3	5	14	—	1	4.72	—	—	
8b ENGLAND SW																																
Somerset																																
Hawkrigde .. ..	99	314	9.2	2.2	5.7	—	16.0	16	-2.5	13	—	—	118	129	13	27	19	17	4	3	1	2	0	2	6	22	—	0	4.89	—	—	
Nettlecombe .. ..	99	96	11.0	2.5	6.7	—	17.3	16	-2.5	2	6.8	—	99	—	14	3	15	12	3	0	1	3	0	0	5	20	—	0	—	—	—	
Cannington .. ..	99	23	11.4	3.8	7.6	—	18.0	16	-1.0	2:13	7.2	—	76	158	15	7	14	14	1	0	0	1	0	2	2	16	—	0	4.85	122	—	
Cricket Malherbie ..	99	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cheddar .. ..	99	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Yeovilton .. ..	21-9	18	11.8	2.1	6.9	—	19.2	20	-3.0	2	—	—	86	—	30	6	14	11	2	0	2	1	1	4	8	14	7	2	—	—	—	
Rodney Stoke .. ..	99	40	12.0	3.8	7.9	—	18.7	16	-1.5	4	7.2	7.2	85	—	20	4	14	12	—	0	—	—	—	1	4	5	—	—	—	—	—	
Long Ashton .. ..	99	49	11.5	3.4	7.5	+1.0	18.5	20	-0.6	2	6.6	—	61	107	15	6	16	10	2	1	0	0	0	0	2	19	—	—	4.86	128	—	
West Camel .. ..	99	27	12.2	2.2	7.2	—	19.8	16	-3.7	2	—	—	89	—	27	6	14	12	2	0	2	0	0	2	7	23	—	0	—	—	—	
Downside Abbey .. ..	99	183	10.7	2.7	6.7	—	17.9	20	-2.0	13	—	—	105	—	28	6	17	14	—	—	—	—	—	0	4	—	—	—	—	—	—	
Wincanton .. ..	99	114	11.4	2.9	7.1	—	18.6	20	-3.7	2	—	—	104	—	21	4	17	13	2	0	0	2	1	1	4	9	—	3	—	—	—	
Bath .. ..	99	118	11.5	3.4	7.5	—	18.4	20	-1.6	13	7.3	—	71	134	17	4	17	14	3	0	0	0	0	3	0	—	—	0	—	—	—	
Dorset																																
Portland Bill .. ..	21-9	53	10.2	5.4	7.8	—	17.0	21	0.6	12	—	—	71	—	22	4	14	10	2	0	0	1	0	0	0	1	1	3	5.82	—	—	
Coastguard .. ..	99	23	11.8	4.3	8.1	+1.0	19.0	21	-2.4	12	—	—	75	—	19	4	16	11	1	0	0	0	0	0	2	—	—	0	5.52	—	—	
Weymouth .. ..	99	26	12.0	2.4	7.2	—	19.0	20	-3.2	2	—	—	118	—	34	4	15	12	—	0	—	—	—	0	3	18	—	—	—	—	—	
Winfrith .. ..	99	207	10.7	2.3	6.5	+0.8	18.1	16	-2.4	4	—	—	101	187	24	4	17	13	—	0	—	—	—	0	8	—	—	—	—	—	—	
Shaftesbury .. ..	99	11	10.7	4.6	7.7	—	15.3	21	0.0	2	—	—	83	79	157	17	4	15	14	1	2	1	0	0	1	—	—	2	5.56	128	—	
Swanage .. ..	99	8	12.0	3.1	7.5	—	19.2	20	-2.5	2	7.4	7.8	89	168	28	4	16	10	1	0	0	0	0	1	3	11	—	0	5.31	123	—	
Poole .. ..	99	8	12.0	3.1	7.5	—	19.2	20	-2.5	2	7.4	7.8	89	168	28	4	16	10	1	0	0	0	0	1	3	11	—	0	5.31	123	—	
Devon																																
Virginstow .. ..	99	168	(11.4)	(2.9)	(7.1)	—	18.6	16	-1.2	13:14	—	—	79	—	13	3	20	16	2	—	0	3	0	0	5	(7)	—	1	—	—	—	
Hartland Point .. ..	21-9	91	9.4	3.9	6.7	—	16.4	16	-2.9	4	—	—	64	113	14	6	15	11	1	0	0	2	0	0	2	1	1	6	5.44	126	—	
Mount Batten .. ..	21-9	27	11.4	4.8	8.1	+0.8	17.6	21	-0.7	2	—	—	93	135	17	9	17	14	3	0	0	4	0	0	1	10	6	5	5.04	117	—	
Plymouth Hoe .. ..	99	36	11.2	3.7	7.5	0.1	17.2	20:21	-0.8	13	7.8	7.8	80	116	17	2	18	13	1	0	0	3	0	0	3	12	—	0	4.73	111	—	
Tavistock .. ..	99	139	11.9	4.1	8.0	+1.1	19.7	21	-1.5	2	—	—	85	105	115	21	2	19	14	2	0	2	0	0	2	12	—	1	—	—	—	
Chivenor .. ..	21-9	6	12.0	4.3	8.1	+0.4	18.7	16	-0.8	2	—	—	44	78	9	3	15	10	3	0	0	6	0	0	0	14	4	0	5.17	—	—	
Prawle Point .. ..	21-9	59	—	—	—	—	—	—	—	—	—	—	39	—	8	2	14	9	3	0	1	1	0	0	—	—	—	9	—	—	—	
Totnes .. ..	99	84	11.6	—	—	—	17.0	22	—	—	—	7.3	7.3	134	—	25	7	19	13	2	0	0	0	4	—	—	1	4.12	—	—	—	
Cheldon Barton .. ..	21-9																															



Table 3 Summary of daily observations

March 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temp.	rainfall (terminal h 09 GMT)		weather (number of days)														bright sunshine					
				means of				highest max. and lowest min.					total fall (mm)	percentage of 1916-60 average	most in a day	precipitation		snow or sleet at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure					
				max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date					0.2 mm or more	1.0 mm or more																	
NORTHERN IRELAND																																		
Londonderry																																		
Coolkeeragh .. ..	99	3	10.2	1.5	5.9	—	16.3	17	-3.7	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Loughmore Forest ..	99	174	8.7	0.9	4.8	—	14.4	17	-4.6	2	—	—	131	—	28	31	19	13	6	3	1	0	1	3	12	23	—	2	—	—	—	—	—	
Banagher Caugh Hill ..	99	216	8.3	1.3	4.8	—	13.8	24	-1.5	5:12:13	—	—	156	—	28	3	18	14	6	5	0	0	0	2	8	19	—	2	—	—	—	—	—	
Derrynoyd Forest ..	99	88	—	—	—	—	—	—	—	—	—	—	131	—	22	3	15	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Somerset Forest ..	99	43	9.4	1.5	5.5	—	16.1	17	-4.4	12	—	—	92	—	18	31	14	10	2	—	0	0	0	0	8	19	—	1	—	—	—	—	—	
Coleraine University ..	99	23	9.2	1.7	5.5	—	16.1	17	-4.5	12	5.5	6.2	87	—	19	31	15	12	3	2	0	0	0	0	9	18	—	1	3.25	—	—	—	—	
Garvagh Forest ..	99	88	9.1	0.0	4.5	—	15.0	17	-5.7	12	4.9	5.5	122	—	27	31	15	12	5	2	2	0	0	3	18	22	—	—	—	—	—	—	—	
Moneydig ..	21-9	34	9.3	1.3	5.3	-0.7	15.9	17	-5.9	12	5.5	—	98	146	21	31	14	11	5	2	4	0	0	2	10	22	14	1	—	—	—	—	—	
Traad Point ..	99	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antrim																																		
Ballymoney ..	99	55	9.7	1.1	5.4	—	15.6	24	-4.9	12	—	—	90	—	25	31	14	11	3	—	0	0	0	1	10	—	—	—	—	—	—	—	—	
Lisnafillan ..	99	38	9.5	1.4	5.5	—	15.0	17	-4.5	2	—	—	111	—	24	31	17	15	2	0	0	0	0	3	8	21	—	—	3.51	—	—	—	—	
Aldergrove ..	21-9	68	9.0	2.1	5.5	-0.4	14.0	17	-3.7	12	5.4	6.3	95	167	20	31	17	17	6	1	2	0	0	1	6	13	13	0	3.76	112	—	—	—	
Greenmount ..	99	32	9.6	2.0	5.8	—	14.0	17	-4.4	12	5.8	—	93	—	21	31	15	14	1	0	0	0	0	—	7	18	—	—	—	—	—	—	—	
Altnahinch ..	99	226	7.5	1.5	4.5	—	14.5	17	-2.0	4	—	—	151	—	27	31	20	17	6	4	0	2	2	3	12	18	—	5	3.46	—	—	—	—	
Parkmore Forest ..	99	235	7.0	1.4	4.2	—	11.9	17	-2.0	21	4.5	—	160	160	30	31	18	15	4	—	0	0	0	4	11	21	—	1	—	—	—	—	—	
Black Mountain ..	21-9	295	6.6	1.3	3.9	—	12.0	17	-2.4	5	—	—	108	—	22	31	17	14	4	2	2	0	0	9	10	—	—	2	—	—	—	—	—	
Lowtown ..	99	271	7.1	0.4	3.7	—	12.0	17	-4.0	12	4.3	—	141	—	32	31	18	14	1	2	0	0	0	12	15	23	—	3	3.29	—	—	—	—	
Ballypatrick Forest ..	99	152	7.9	1.8	4.9	—	13.4	24	-2.6	5	—	—	103	134	19	31	16	14	5	0	1	0	2	3	6	18	—	1	2.95	—	—	—	—	
Belfast Malone ..	99	35	9.2	2.0	5.6	—	14.3	23	-2.9	5	5.5	—	121	—	21	31	20	15	2	—	0	0	0	1	5	18	—	0	—	—	—	—	—	
Newtownabbey ..	99	32	9.1	3.4	6.3	—	14.1	23	-1.7	5	5.9	—	105	—	21	31	16	13	6	0	3	0	0	1	1	16	—	2	3.48	—	—	—	—	
Woodburn North ..	99	217	7.4	1.0	4.2	—	12.5	23	-3.0	2	—	—	109	144	23	31	16	13	3	3	0	1	0	8	10	20	—	—	—	—	—	—	—	
Larne ..	99	43	9.7	2.7	6.2	—	14.1	23	-2.3	5	—	—	94	142	15	31	15	11	1	1	0	0	1	1	3	—	—	2	—	—	—	—	—	
Kilroot ..	99	22	9.2	2.5	5.9	—	13.0	17	(-2.5)	5	—	—	90	—	15	26	18	12	0	0	0	0	0	1	6	15	—	—	—	—	—	—	—	
Ballylunford ..	99	24	9.2	3.3	6.3	—	14.4	23	-2.5	5	—	—	84	—	15	31	15	11	—	—	—	—	—	—	1	15	—	—	—	—	—	—	—	
Down																																		
Hillsborough ..	99	116	8.3	1.8	5.1	-0.5	12.5	17	-1.4	5	5.4	6.0	112	208	14	31	18	14	3	0	0	0	1	0	5	24	—	1	3.66	112	—	—	—	
Kilkeel ..	21-9	18	8.9	3.3	6.1	-0.2	12.5	21	-1.0	5	—	—	84	—	16	27	15	12	0	0	0	0	0	1	2	9	9	2	—	3.96	—	—	—	
Rosetta ..	99	24	9.1	2.5	5.8	—	13.8	23	(-2.0)	5	—	—	116	—	19	31	17	15	—	—	—	—	—	3	4	—	—	—	—	—	—	—	—	
Murlough ..	99	9	9.6	2.4	6.0	—	14.7	23	-2.3	2	5.2	5.9	90	—	14	31	17	14	1	0	1	1	0	2	5	20	—	2	3.65	—	—	—	—	
Belfast Rosebank ..	99	47	9.3	2.5	5.9	—	14.1	23	-2.4	12	—	—	108	—	17	2	14	13	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	
Stormont Castle ..	99	56	9.1	2.5	5.8	—	14.4	23	-1.5	5	5.5	6.0	99	171	17	31	17	14	0	6	0	1	0	0	4	23	—	—	3.58	—	—	—	—	
Downpatrick ..	99	26	9.5	2.6	6.1	—	14.4	23	-1.1	5	—	—	82	—	15	31	15	13	0	—	0	0	0	6	3	15	—	2	—	—	—	—	—	
Creightons Green ..	99	119	8.5	2.0	5.3	—	12.1	17	-2.0	12	—	—	101	—	19	31	17	14	2	0	1	3	0	2	6	21	—	1	—	—	—	—	—	
Cross Island ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.29	—	—	—	—	
Helens Bay ..	99	43	9.0	3.1	6.1	—	13.5	23	-1.4	5	—	—	99	—	21	2	17	14	4	0	0	1	0	3	2	25	—	2	3.66	—	—	—	—	
Killough ..	21-9	15	8.5	3.5	6.0	—	13.5	23	-0.4	16	—	—	79	—	15	2	15	13	2	0	0	0	1	3	1	14	8	3	—	—	—	—	—	
Ballywalter Park ..	—	11	—	—	—	—	—	—	—	—	—	—	72	134	15	31	17	13	—	—	—	—	—	—	—	—	—	—	3.46	—	—	—	—	
Armagh																																		
Armagh ..	99	62	10.0	1.5	5.7	-0.7	15.5	17:24	-3.0	12	6.1	6.7	82	165	14	31	16	13	5	0	3	0	0	2	9	21	—	1	3.56	106	—	—	—	
Loughgall ..	99	25	9.5	1.6	5.5	—	14.5	17	-3.0	12	—	—	79	173	15	26	14	13	5	0	0	1	0	2	8	24	—	0	3.95	—	—	—	—	
Tandragee ..	99	43	10.2	1.6	5.9	—	14.5	23	-2.4	24	—	—	85	—	14	31	14	14	—	—	—	—	—	8	—	—	—	—	—	—	—	—	—	
Bessbrook ..	—	76	—	—	—	—	—	—	—	—	—	—	117	186	19	2	17	14	2	0	0	4	0	—	—	—	—	—	3.85	114	—	—	—	
Portadown ..	99	16	9.6	1.8	5.7	—	15.1	17	-3.2	12	6.1	6.7	93	—	14	26:3	16	15	4	—	0	0	0	—	7	19	—	—	—	—	—	—	—	
Lurgan ..	99	55	9.4	1.9	5.7	—	14.5	17	-2.2	21	5.6	6.2	88	—	14	31	16	14	—	—	—	—	—	8	18	—	—	—	3.78	—	—	—	—	
Tyrone																																		
Lough Bradan ..	99	169	8.2	0.9	4.5	—	14.5	17	-3.5	12:2	—	—	160	—	19	26	17	14	—	2	—	—	—	2	7	19	—	—	3.00	—	—	—	—	
Baronscourt Forest ..	99	88	9.3	1.5	5.4	—	15.1	17	-3.0	12	5.4	6.3	123	—	22	18	18	14	5	3	0	0	1	1	10	23	—	—	—	—	—	—	—	
Strabane Convent ..	99	44	9.8	2.0	5.9	—	15.7	24	-3.7	12	—	—	118	—	22	18	16	14	4	1	2	0	1	1	7	20	—	3	3.29	—	—	—	—	
Carrigans ..	21-9	113	9.1	1.8	5.5	—	15.0	17	-1.6	21	—	—	140	—	25	18	17	13	7	3	4	0	0	1	7	23	13	1	—	—	—	—	—	
Lislap Forest ..	99	209	8.6	1.3	4.9	—	14.5	17:24	-2.5	5	5.1	—	151	184	25	31	18	13	4	4	0	0	0	0	10	18	—	—	—	—	—	—	—	
Knockmany Forest ..	99	73	9.3	0.5	4.9	—	14.6	17:23	-3.8	12	—	—	119	186	21	26	16																	



Table 4 Summary of observations at fixed hours

March 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																				
		at MSL (mb)	difference from 1931-50 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1 - 2	3 - 5	6 - 7												8	18 or more	6-7	4-5	1-3	calm														
																																						speed (kt)					
																																						24 or more	22-33	11-21	1-10	0	
																																						number of observations					
0 SCOTLAND N																																											
Lerwick, Zetland																																											
83	3	1009.5	-	4.4	0.8	7.5	89	6.9	2	1	2	3	21	2	0	1	1	0	0	4	9	5	8	3	1	6	12	10	2	1	1	1	5	12	4	1							
	9	1010.0	-2.1					6.9	0	2	1	13	14	1	0	1	0	2	2	3	6	8	3	0	5	13	12	1	1	1	0	3	5	11	5	3	2						
	15	1009.9	-	5.6	1.2	7.6	83	6.5	0	2	5	13	10	1	0	0	0	2	2	1	10	4	8	4	0	6	14	11	0	0	1	2	4	11	7	4	2						
	21	1010.4	-	4.3	0.8	7.4	88	6.0	1	5	3	7	13	2	0	1	1	0	1	4	9	5	8	2	1	2	12	16	0	0	1	1	6	9	6	3	1						
Kirkwall, Orkney																																											
26	3	1009.5	-	4.1	0.6	7.4	89	5.2	2	6	5	8	9	1	0	0	1	0	0	10	10	6	4	0	4	17	9	1	0	1	1	9	10	4	4	1							
	9	1009.9	-2.4	5.5	1.0	7.7	85	6.0	1	4	3	13	10	0	0	0	0	0	2	4	9	8	6	1	6	16	8	0	1	0	1	8	10	4	3	4							
	15	1009.5	-	6.6	1.4	7.8	80	6.0	1	3	5	15	7	0	0	0	0	0	1	1	4	6	11	8	1	7	19	3	1	0	2	2	9	8	4	4	1						
	21	1010.1	-	4.5	0.6	7.6	89	5.6	1	4	7	9	10	0	0	0	0	2	0	9	7	10	3	1	4	14	11	1	0	1	3	9	7	4	6	0							
Wick, Caithness																																											
37	3	1009.5	-	4.3	0.8	7.3	87	4.4	1	11	4	10	4	1	0	1	0	0	0	1	7	7	10	5	0	1	15	15	0	0	1	1	6	13	4	3	3						
	9	1009.9	-2.5	5.4	1.2	7.4	82	5.9	1	3	4	16	6	1	0	0	1	0	0	6	7	7	10	0	2	15	13	1	0	1	1	6	12	5	2	3							
	15	1009.4	-	6.5	1.4	7.7	78	6.2	0	3	3	19	5	1	0	0	1	0	2	6	3	15	4	0	2	18	11	0	1	1	2	8	10	0	3	6							
	21	1009.9	-	5.0	0.9	7.6	86	5.0	1	8	6	13	3	0	0	0	0	1	0	7	7	10	6	1	1	11	17	1	0	1	1	7	12	2	6	1							
Cape Wrath, Sutherland (see Introduction)																																											
113	3	1007.7	-	5.3	1.0	7.5	84	4.3	3	5	12	4	7	0	0	0	0	0	0	1	2	13	15	0	2	10	17	2	2	1	2	6	9	5	3	1							
	9	1008.4	-	5.8	1.1	7.7	84	5.2	2	4	8	8	9	0	0	0	0	0	0	4	3	11	13	0	2	8	20	1	1	0	3	9	5	8	3	1							
	15	1008.0	-	7.2	1.3	8.4	82	5.5	1	4	5	14	6	1	0	0	1	0	0	1	5	7	17	0	9	7	20	1	1	1	4	8	4	10	1	1							
	21	1008.4	-	5.6	0.9	8.0	87	4.4	3	8	7	6	5	2	0	0	2	0	0	2	3	11	13	0	2	9	20	0	1	1	4	6	9	1	3								
Stornoway, Ross & Cromarty																																											
5	3	1008.3	-	4.3	0.7	7.5	89	4.2	6	7	4	6	8	0	0	0	0	0	0	3	14	12	2	1	2	12	10	6	0	1	4	9	5	6	0								
	9	1008.7	-3.2	5.7	0.8	8.1	87	5.0	2	7	4	11	7	0	0	0	0	0	0	5	9	10	7	0	3	15	9	4	1	0	1	6	8	7	3	1							
	15	1008.3	-	7.9	1.7	8.2	77	5.2	2	4	6	12	7	0	0	0	0	0	0	3	10	10	8	0	6	16	9	0	1	1	3	14	2	5	2								
	21	1008.9	-	5.0	0.7	7.8	89	3.7	5	9	7	4	6	0	0	0	0	0	0	1	15	9	6	0	2	13	11	5	0	0	3	5	9	2	2								
Benbecula, Inverness-shire																																											
7	3	1008.0	-	4.7	0.7	7.7	89	3.5	7	6	8	7	3	0	0	0	0	0	0	5	12	7	7	1	1	17	10	2	2	2	1	4	13	3	4	0							
	9	1008.5	-3.3	5.9	0.9	8.1	87	5.3	1	6	5	13	6	0	0	0	0	0	1	2	12	10	6	0	2	17	11	1	1	1	1	8	10	4	3	2							
	15	1008.0	-	7.9	1.6	8.4	78	5.1	1	7	4	15	4	0	0	0	0	1	7	6	8	9	0	3	19	9	0	1	1	1	1	6	9	6	6	1							
	21	1008.5	-	5.2	0.8	7.9	88	3.8	4	9	5	11	2	0	0	0	0	0	0	4	8	9	10	1	1	12	13	4	2	1	1	6	11	1	3	2							
1 SCOTLAND E																																											
Kinloss, Moray																																											
6	3	1009.8	-	3.6	1.1	6.6	82	4.8	2	9	4	8	8	0	0	0	0	0	1	7	7	4	12	0	1	9	19	2	0	3	4	5	6	7	4	0							
	9	1010.3	-2.2	5.2	1.5	6.9	77	5.8	2	1	7	17	4	0	0	0	0	0	1	3	13	2	12	0	3	8	17	3	0	2	6	3	5	9	2	1							
	15	1009.4	-	8.4	2.5	7.4	67	5.8	0	5	4	16	6	0	0	0	0	0	0	6	7	10	8	0	4	15	12	0	3	4	3	3	8	4	2	0							
	21	1010.2	-	4.7	1.2	7.0	81	4.0	6	5	10	7	4	0	0	0	0	0	1	7	8	7	8	0	1	11	18	1	0	2	5	3	9	8	3	0							
Dyce, Aberdeenshire																																											
59	3	1010.6	-	3.2	0.7	6.9	88	5.8	3	4	4	6	11	3	0	2	0	2	0	5	6	6	4	6	0	1	10	15	5	2	0	3	7	7	1	5	1						
	9	1011.0	-2.6	4.9	1.2	7.1	81	6.2	1	4	3	10	11	2	1	0	1	1	0	5	6	5	4	8	0	2	13	12	4	1	0	4	9	2	5	3							
	15	1010.3	-	7.2	1.9	7.5	74	6.1	1	2	7	11	9	1	0	0	2	0	1	2	7	10	5	4	1	3	17	10	0	2	6	3	11	2	3	4							
	21	1011.0	-	4.2	0.8	7.2	87	5.5	1	8	2	8	9	3	0	3	1	0	1	5	9	5	4	3	0	2	10	14	5	1	0	2	5	10	1	7	0						
Fraserburgh, Aberdeenshire																																											
22	3	1010.4	-	4.5	0.6	7.7	91	5.7	0	7	4	6	13	1	1	1	0	2	0	1	5	16	5	0	0	5	12	13	1	1	0	4	3	14	2	6	0						
	9	1010.7	-2.4	4.9	0.5	7.9	91	6.0	0	5	4	9	10	3	1	2	1	1	0	1	6	7	12	0	0	6	10	14	1	1	0	3	8	8	2	8	0						
	15	1010.3	-	7.0	1.1	8.4	83	5.7	0	4	8	9	8	2	0	1	0	2	0	3	9	14	0	0	5	15	10	1	0	1	5	6	9	0	8	1							
	21	1010.7	-	5.1	0.6	8.0	91	5.9	0	4	7	5	13	2	0	1	0	2	0	1	6	15	5	1	4	11	15	0	1	1	4	5	12	3	4	1							
Usan, Angus																																											
35	9	1011.6	-	5.1	0.7	7.8	89	5.6	1	5	6	6	10	3	0	2	0	3	0	0	5	7	3	11	0	2	17	10	2	3	0	4	2	6	5	8	1						
	15	1010.9	-	6.9	1.0	8.5	86	6.0	0	2	9	7	10	3	0	1	0	2	2	4	4	6	10	1	4	14	10	2	2	0	6	4	7	3	7	0							
	21	1011.5	-	5.1	0.6	8.1	91	4.7	3	7	6	3	8	4	1	0	2	1	1	0	5	6	3	12	0	3	12	13	3	0	3	4	3	8	1	9	0						
Leuchars, Fife																																											
12	3	1010.7	-	3.3	0.6	7.0	89	5.5	5	5	0	6	12	3	0	1	0	3	0	1	8	6	7	5	0	2	11	13	5	2	2	6	3	0	8	4	1						
	9	1011.2	-2.5	4.8	1.0	7.3	84	6.0	0	4	5	12	8	2	0	2	1	2	0	4	9	6	6	0	1	16	8	6	1	2	4	6	2	4	6	0							
	15	1010.4	-	7.2	1.8	7.6	75	6.7	0	1	4	17	8	1	0	0	3	0	2	5	9	6	6	0	2	19	10	0	0	3	10	5	2	4	6	1							
	21	1011.2	-	4.5	0.8	7.3	86	5.2	2	8	2	10	6	3	0	2	1	0	1	3	8	9	6	0	1	12	14	4	2	2	6	3	2	7	5	0							
Turnhouse, Midlothian																																											
44	3	1010.7	-	3.3	0.8	6.8	87	5.2	3	7	2	7	10	2	0	2	0	0	3	0	6	11	7	2	0	0	9	13	9	1	1	6	3	1	4	5	1						
	9	1011.2	-2.8	4.6	0.9	7.3	86	5.8	0	4	8	11	5	3	0	3	0	2	0	2	7	10	6	1	0	0	13	15	3	0	4	9	1	2	10	0							
	15	1010.4	-	7.5	2.0	7.6	73	6.4	0	2	3	22	4	0	0	0	0	2	1	4	5	10	7	2	0	1	22	8	0	1	6	6	2	1	5	5							
	21	1011.3	-	4.6	0.9	7.3	85	5.5	2	4	7	8	7	3	0	1	1	1	2	7	14	4	0	0	0	9	16	6	0	2	9	2	2	1	8	1							
6a SCOTLAND W																																											



Table 4 Summary of observations at fixed hours

March

1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity			cloud amount					visibility										wind speed and direction																					
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW							
								mean	0	1 - 2	3 - 5	6 - 7												8	8 or more	22-33	6,7	4,5									1-3	calm					
																																							speed (kt)				
																																							number of observations				
6a SCOTLAND W-continued																																											
Eskdalemuir, Dumfriesshire																																											
237	3	1011.1	-2.8	3.9	0.9	7.0	86	5.5	4	3	7	1	15	1	0	0	0	1	1	3	1	13	6	5	1	0	1	9	11	10	3	5	0	1	3	6	1	2					
	9	1011.5	-	6.6	2.0	7.3	75	6.2	1	2	4	14	10	0	0	0	0	1	0	2	5	9	10	3	1	0	0	10	16	5	4	5	1	3	4	5	4	0					
	15	1010.4	-	3.1	0.9	6.7	86	5.8	4	2	3	5	16	1	0	1	0	1	0	0	1	0	2	7	11	9	1	15	14	1	0	5	3	4	5	6	7	0					
	21	1011.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	11	10	3	4	1	0	4	2	5	2						
6b ISLE OF MAN																																											
Ronaldsway																																											
21	3	1010.5	-	5.0	1.1	7.3	82	4.9	2	8	3	11	7	0	0	0	0	0	1	2	8	3	7	10	0	3	11	17	0	6	3	8	1	1	2	5	5						
	9	1011.7	-3.2	6.4	1.4	7.7	80	5.9	0	5	4	14	8	0	0	0	0	1	4	5	7	6	8	0	4	12	14	1	1	4	5	5	3	1	7	4	0						
	15	1010.1	-	8.0	1.9	7.9	73	5.4	0	7	4	14	6	0	0	0	0	0	0	5	5	7	6	8	0	5	12	14	0	1	4	7	4	5	4	6	0						
	21	1011.1	-	5.7	1.3	7.4	80	4.9	3	5	7	9	7	0	0	0	0	1	4	5	8	4	9	0	3	11	17	0	5	2	8	2	3	4	4	4	3						
Point of Ayr																																											
9	3	1010.8	-	6.2	1.0	8.2	85	6.0	0	2	9	11	9	0	0	0	0	2	2	6	3	10	8	0	4	19	7	1	1	3	3	7	5	3	8	0	2						
	9	1010.1	-	8.1	1.5	8.6	79	5.3	0	3	16	4	8	0	0	0	0	0	1	4	5	6	10	5	0	5	13	11	2	0	5	2	7	3	2	8	0						
	15	1010.9	-	5.6	0.8	8.0	87	4.8	7	1	6	10	7	0	0	0	0	1	0	7	4	10	9	0	3	12	16	0	1	2	3	10	5	2	7	1	0						
2 ENGLAND NE																																											
Acklington, Northumberland																																											
46	3	1011.1	-	3.1	0.4	7.1	92	4.9	7	4	1	4	12	3	2	1	2	1	1	3	4	8	5	4	0	0	6	18	7	1	0	4	4	4	2	9	0						
	9	1011.7	-2.6	4.7	0.9	7.4	86	6.0	0	6	3	7	12	3	1	2	0	0	4	4	5	5	4	6	0	1	8	18	4	0	1	6	4	6	3	4	3						
	15	1010.8	-	7.5	1.8	7.8	76	6.2	1	3	4	10	12	1	0	1	0	2	2	2	6	6	6	6	0	2	10	18	1	1	2	6	8	3	1	7	2						
	21	1011.6	-	4.3	0.6	7.5	89	5.3	6	3	2	6	10	4	3	1	0	1	0	5	9	3	4	0	2	7	14	8	1	0	3	4	3	2	10	0	0						
Tynemouth, Northumberland																																											
40	3	1011.5	-	4.4	0.6	7.6	90	5.3	4	4	4	6	11	2	2	0	0	0	2	3	4	10	10	0	0	1	14	13	3	3	0	4	1	8	4	8	0						
	9	1012.0	-2.5	4.9	0.8	7.6	87	5.9	1	5	5	5	12	3	2	1	0	1	3	5	6	9	4	0	0	3	16	11	1	1	5	2	12	1	8	0							
	15	1011.2	-	6.8	1.4	7.9	80	6.2	2	1	4	13	7	4	1	3	0	0	2	3	6	6	10	0	0	6	17	7	1	0	4	4	6	6	0	9	1						
	21	1012.0	-	5.5	0.9	7.9	87	5.2	5	3	4	7	8	4	1	2	0	1	0	2	8	11	6	0	0	4	12	13	2	0	1	6	1	10	2	8	1						
Seahouses, Northumberland																																											
12	3	1010.8	-	4.3	1.0	7.1	85	5.0	6	5	2	5	10	3	3	1	0	0	1	2	9	3	8	4	0	2	7	21	1	1	2	3	3	10	4	7	0						
	9	1011.8	-	5.0	1.2	7.1	82	5.8	0	6	5	8	10	2	2	1	0	2	1	10	5	2	6	0	0	2	15	14	0	0	0	5	1	13	3	9	0						
	15	1010.7	-	7.1	1.6	7.8	77	6.2	0	3	8	9	9	2	0	2	0	1	3	4	9	4	0	8	0	2	13	16	0	1	1	2	9	10	0	7	1						
	21	1011.4	-	5.2	1.2	7.3	82	5.1	5	6	1	6	10	3	2	2	1	1	0	2	9	4	7	3	0	3	7	19	2	1	1	2	3	11	2	8	1						
Leeming, Yorkshire N.R.																																											
33	3	1011.6	-	3.9	0.5	7.4	91	5.7	4	3	2	7	12	3	0	3	1	3	2	1	8	2	8	3	0	0	5	20	6	3	2	2	0	10	3	0	5						
	9	1012.2	-2.7	4.7	0.9	7.4	86	5.8	0	8	2	8	9	4	0	3	1	1	4	2	5	4	3	8	0	1	10	20	0	2	5	3	1	10	1	3	6						
	15	1011.2	-	8.7	2.1	8.1	72	5.5	2	6	4	8	11	0	0	0	0	4	2	8	5	6	6	0	1	17	12	1	1	3	3	3	10	0	7	3							
	21	1012.0	-	5.3	0.9	7.8	86	5.1	4	6	3	6	10	2	0	1	0	3	3	1	8	5	6	4	0	0	7	23	1	6	3	2	1	4	4	7	3						
Whitby Coastguard, Yorkshire N.R.																																											
66	3	1011.2	-	4.1	0.7	7.3	89	4.5	6	7	2	5	10	1	1	2	0	0	1	4	9	13	1	0	0	1	14	12	4	0	1	2	3	10	7	4	0						
	9	1011.7	-	4.9	0.9	7.5	86	5.7	1	6	4	5	12	3	0	3	0	1	0	4	9	11	2	1	0	5	11	10	5	0	2	2	5	9	0	5	0						
	15	1011.3	-	7.0	1.6	7.8	78	6.3	1	2	5	10	10	3	1	2	0	1	1	1	2	19	3	1	1	4	11	9	6	0	2	4	7	4	3	5	0						
	21	1011.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Kilnsea, Yorkshire E.R.																																											
16	3	1011.8	-	4.5	0.6	7.6	90	3.7	11	5	2	5	8	0	0	0	0	1	2	4	6	18	0	0	0	8	9	11	3	0	4	3	3	7	3	6	2						
	9	1012.1	-2.9	5.3	0.8	7.9	88	4.9	4	4	8	6	8	1	1	0	0	1	1	5	10	13	0	0	2	8	10	8	3	1	4	2	5	6	2	6	2						
	15	1011.6	-	5.7	1.2	8.1	82	5.5	4	1	7	8	10	1	0	0	1	1	3	4	10	12	0	0	3	8	7	13	0	0	5	6	8	5	1	5	1						
	21	1011.9	-	5.6	0.7	8.1	89	4.3	6	4	8	3	10	0	0	0	0	4	6	2	19	0	0	0	2	9	11	6	3	1	1	7	3	9	1	5	1						
Waddington, Lincolnshire																																											
89	3	1011.5	-	4.0	0.5	7.5	90	4.3	10	3	1	2	7	8	1	0	0	1	2	6	7	10	3	0	0	0	12	19	0	3	5	4	7	1	8	2	1						
	9	1012.1	-3.4	5.0	0.8	7.7	87	5.3	4	5	1	12	9	1	0	2	0	0	1	7	10	8	3	0	0	2	13	16	0	3	2	3	10	3	2	6	2						
	15	1011.0	-	9.1	2.1	8.5	73	5.4	3	5	2	12	7	0	0	0	0	0	2	5	13	6	3	0	0	3	17	10	1	1	6	2	8	4	2	6	1						
	21	1012.0	-	5.5	0.8	8.1	88	5.2	4	3	6	11	7	0	0	0	0	0	3	5	8	10	5	0	0	0	11	19	1	1	4	6	7	3	6	3	0						
Binbrook, Lincolnshire																																											
109	3	1011.9	-	3.6	0.6	7.2	90	4.8	5	7	1	6	11	1	0	1	0	1	2	4	14	8	1	0	0	1	11	15	4	2	3	2	4	6	4	5	1						
	9	1012.5	-	5.0	0.9	7.6	87	5.4	4	4	2	12	8	1	0	1	1	1	0	5	10	11	2	0	0	3	11	15	2	4	2	3	6	6	0	8	0						
	15	1011.6	-	8.7	2.5	7.7	69	5.6	3	4	3	10	11	0	0	0	0	0	0	3	6	14	6	2	1	4	14	12	0	0	5	4	7	6	3	6	0						
	21	1012.4	-	5.3	0.9	7.9	87	5.2	4	4	5	6	12	0	0	1	1	0	2	6	10	8	3	0	0	2	12	15	2	1	6	3	2	8	6	3	0						
Manby, Lincolnshire																																											
14	3	1011.7	-	3.7	0.5	7.4	92	4.8	5	5	4	6	9	2	2	1	0	2	0	2	13	8	2	1	0	0	9	21	1	1	3	2	5	5	4	5	1						
	9	1012.3	-3.0	5.6	0.9	7.9	86	5.6	2	5	3	11	8	2	1	1	0	0	3	4	9	13	0	0	0	0	15	15	1	3	2	3	8	4	1	8	1						
	15	1011.6	-	9.2	2.8	8.3	71	5.5	2	5	3	8	12	0	0	0	0	0	3	9	13	3	3	0	1	16	14	0	1	8	5	5	5	1	5	1	0						
	21	1012.2	-	5.3	0.8	7.9	89	5.1	4	2	8	12	5	0	0	0	0	1	3																								



Table 4 Summary of observations at fixed hours

March

1972

height of barometer above MSL (metres)		hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction															
			at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW		
									mean	0	1-2	3-5	6-7												8	8 or more	6-7	4-5	1-3									calm	
																																							speed (kt)
number of observations																																							
3 ENGLAND E-continued																																							
Cardington, Bedfordshire																																							
29	3	1012.0	—	3.2	0.3	7.4	95	4.1	9	5	3	3	9	2	2	0	0	4	1	6	8	9	1	0	0	1	9	19	2	1	8	3	6	2	7	2	0		
	9	1012.6	-3.0	5.3	0.8	7.8	88	5.5	2	5	6	6	10	2	0	2	1	1	2	4	12	6	3	0	0	1	9	16	5	1	4	4	5	3	2	5	1		
	15	1011.4	—	10.7	2.9	8.4	66	5.5	1	4	7	12	7	0	0	0	0	0	2	2	10	11	8	0	0	3	10	18	0	3	7	3	5	4	3	6	0		
	21	1012.5	—	6.3	0.9	8.4	87	5.0	4	5	5	7	10	0	0	0	0	0	2	2	15	12	0	0	0	0	12	17	2	1	6	4	7	1	6	3	0		
Stansted, Essex																																							
102	3	1012.1	—	3.8	0.5	7.5	92	3.9	6	7	5	4	7	2	0	3	0	0	0	10	6	8	3	1	0	0	5	21	5	1	4	6	6	2	4	3	0		
	9	1012.8	-3.2	6.3	1.0	8.3	85	4.5	4	9	1	10	7	0	0	1	0	1	4	3	15	4	2	1	0	1	11	17	2	3	2	5	9	2	2	5	1		
	15	1011.5	—	10.3	2.9	8.2	66	5.4	2	4	6	11	8	0	0	0	0	0	2	5	15	7	2	0	1	18	15	0	2	3	2	9	7	1	5	2	1		
	21	1012.7	—	6.1	1.1	8.0	85	4.3	6	5	5	10	5	0	0	0	0	0	4	14	8	5	0	0	0	10	18	3	1	1	12	2	3	5	3	1			
Shoeburyness, Essex																																							
5	3	1012.5	-3.6	6.8	1.1	8.3	83	4.8	6	5	3	5	10	2	0	2	0	2	2	7	10	3	5	0	0	3	11	16	1	3	6	2	7	3	4	4	1		
	9	1011.7	—	9.3	2.2	8.4	72	5.0	4	4	5	13	5	0	0	0	0	0	2	6	5	11	4	3	0	4	16	10	1	0	3	9	2	9	2	4	1		
	15	1012.7	—	6.1	1.1	8.0	83	4.4	7	4	5	6	9	0	0	0	0	0	5	3	13	5	4	1	0	3	11	16	1	1	6	5	3	6	5	1			
Walton-on-Naze, Essex																																							
8	3	1012.5	—	4.9	0.8	7.6	88	3.3	14	3	3	1	9	1	0	1	0	0	2	4	11	13	0	0	0	4	7	13	7	1	3	2	2	6	3	5	2		
	9	1013.1	—	6.7	1.2	8.2	83	4.7	4	6	6	4	10	1	0	0	0	1	2	5	11	11	0	0	2	2	11	11	5	0	4	5	2	7	1	4	3		
	15	1012.5	—	7.9	1.5	8.4	79	4.8	4	4	7	6	10	0	0	0	0	0	4	13	10	0	0	1	3	12	15	0	0	3	9	2	9	4	0	4			
	21	1013.1	—	6.6	1.2	8.0	82	3.8	9	3	8	1	10	0	0	0	0	0	3	2	13	13	0	0	0	4	10	12	5	0	7	4	3	3	5	1			
4 MIDLAND COUNTIES																																							
Huddersfield Oaks, Yorkshire W.R.																																							
235	3	1011.7	—	2.8	0.5	6.9	90	5.5	4	3	3	5	13	3	4	1	2	2	0	5	11	3	3	0	0	0	9	14	8	3	3	1	0	3	0	8	5		
	9	1011.7	-3.2	4.1	0.7	7.4	89	6.3	1	3	4	6	16	1	2	2	3	2	1	3	12	3	3	0	0	1	3	18	9	0	4	5	0	2	3	7	1		
	15	1011.5	—	7.5	2.0	7.6	73	6.0	2	1	8	8	12	0	0	1	0	1	1	4	9	7	8	0	0	1	11	14	5	0	2	4	4	3	3	7	2		
	21	1012.2	—	4.5	0.7	7.5	87	5.2	6	2	4	6	13	0	0	2	1	2	0	5	9	7	5	0	0	1	6	13	11	1	1	3	0	2	4	7	3		
Watnall, Nottinghamshire																																							
119	3	1011.7	—	3.9	0.3	7.7	94	5.5	7	0	4	5	14	1	1	0	0	2	4	3	15	5	1	0	0	0	8	21	2	2	7	4	4	1	7	3	1		
	9	1012.4	-3.0	5.1	0.8	7.8	87	5.8	1	5	4	10	9	2	0	2	0	1	7	3	10	7	1	0	1	10	15	5	1	7	6	0	3	1	6	2	1		
	15	1011.2	—	9.1	2.1	8.6	75	5.7	1	4	6	9	11	0	0	0	0	0	1	4	10	9	5	2	0	2	14	15	0	1	5	6	2	6	4	6	1		
	21	1012.3	—	5.6	0.8	8.2	88	4.9	6	3	4	8	10	0	0	0	0	2	4	8	8	8	1	0	0	8	21	2	1	7	4	4	3	4	5	1			
Finningley, Nottinghamshire																																							
14	3	1011.4	—	3.6	0.4	7.5	93	5.8	4	2	3	8	10	4	2	2	0	1	3	8	5	8	1	0	0	4	27	0	3	4	4	3	6	3	5	3			
	9	1012.1	-3.0	5.0	0.7	7.8	89	6.3	0	5	2	9	11	4	1	3	0	0	4	9	7	3	0	0	0	9	19	3	4	3	2	4	7	0	6	2			
	15	1011.0	—	9.3	2.2	8.5	72	5.7	3	2	5	12	9	0	0	0	0	0	7	8	9	6	1	0	2	12	14	3	2	3	5	4	6	3	3	2			
	21	1011.9	—	5.2	0.7	8.0	89	4.5	7	4	4	8	8	0	0	0	0	3	3	4	6	13	2	0	0	8	20	3	2	3	5	3	5	3	4	3			
Wittering, Northamptonshire																																							
67	3	1011.7	—	3.9	0.6	7.4	90	3.9	7	8	4	4	6	2	0	2	0	2	3	4	10	5	5	0	0	0	11	19	1	3	8	3	3	3	4	6	0		
	9	1012.3	-3.3	5.4	1.0	7.7	85	4.6	5	7	2	10	7	0	0	1	0	4	3	5	9	2	3	0	0	2	9	20	0	3	5	4	6	4	1	7	1		
	15	1011.2	—	10.1	2.8	8.2	66	5.4	2	5	6	8	10	0	0	0	0	0	1	5	13	5	6	0	4	14	13	0	1	8	2	5	7	1	5	2	1		
	21	1012.3	—	6.3	1.1	8.1	84	4.7	5	6	4	7	9	0	0	0	0	0	3	2	14	5	6	1	0	10	20	1	3	6	2	2	5	8	3	0			
Edgbaston, Warwickshire																																							
165	3	1012.1	-3.5	5.0	1.0	7.5	85	5.8	3	2	5	8	9	4	0	0	2	2	4	3	11	7	1	1	0	1	10	13	7	5	3	3	4	4	1	4	0		
	9	1010.8	—	9.1	2.5	7.9	68	5.5	3	1	7	12	8	0	0	0	0	0	2	13	9	4	3	0	3	10	16	2	3	2	3	5	5	2	5	4			
	15	1011.9	—	6.5	1.2	8.0	82	4.7	4	7	5	4	11	0	0	0	0	2	1	11	13	2	2	0	0	8	22	1	5	2	7	2	5	4	5	0			
Elmdon, Warwickshire																																							
100	3	1011.7	—	3.9	0.6	7.4	90	5.0	5	4	6	5	10	1	1	0	2	2	0	5	8	9	4	0	0	0	7	17	7	3	5	2	4	2	6	1	1		
	9	1012.3	-3.2	5.2	0.9	7.7	86	5.4	3	5	2	11	7	3	0	2	1	0	4	11	9	0	0	0	2	9	20	0	4	3	3	8	3	1	4	5			
	15	1011.1	—	9.8	2.9	7.9	65	5.2	3	3	8	11	6	0	0	0	0	0	3	11	12	3	2	0	2	12	17	0	2	4	3	9	3	2	5	3			
	21	1012.3	—	6.0	1.2	7.8	82	4.6	5	4	8	5	9	0	0	0	0	1	6	10	12	2	0	0	0	13	16	2	3	4	4	6	3	4	3	2			
Brize Norton, Oxfordshire																																							
84	3	1011.5	—	4.3	0.7	7.5	89	5.5	5	2	4	5	15	0	0	1	0	1	8	8	7	5	1	0	0	9	12	10	2	7	2	2	1	6	1	0			
	9	1012.1	—	5.7	1.0	7.9	85	5.2	2	7	3	9	9	1	0	2	0	1	2	7	8	7	2	0	1	12	17	1	0	9	5	5	3	1	4	3			
	15	1010.8	—	10.7	3.3	7.9	62	4.9	3	5	6	13	4	0	0	0	0	0	0	6	9	13	3	0	1	15	15	0	1	6	6	2	5	4	6	1			
	21	1012.1	—	6.8	1.3	8.2	82	4.6	5	4	8	5	9	0	0	0	0	0	3	9	9	9	1	0	0	12	15	4	2	7	4	3	5	3	0	0			
Shawbury, Shropshire																																							
76	3	1011.2	—	4.1	0.7	7.3	88	5.5	4	2	7	6	9	3	1	1	1	2	3	1	5	8	7	2	0	1	6	20	4	0	2	8	4	3	2	5	3		
	9	1012.0	-3.3	5.3	1.0	7.6	84	6.2	0	3	6	10	8	4	1	2	1	2	1	4	2	12	2	4	0	1	12	16	2	3	2	5	7	3	1	7	1		
	15	1010.8	—	9.4	2.5	8.2	69	5.5	2	1	7	17	4	0	0	0	0	0	2	8	7	5	0	2	2	12	15	2	4	2	4	3	8	2	4	2			
	21	1011.9	—	5.5	0.9	7.8	85	5.2	3	4	7	7	10	0	0	0	0	0	1	5	10	8	5	2	0	8	18	5	4	2	5	1	5	5	4	0			
Pershore, Worcestershire																																							
36	3	1011.5	—	4.7	0.7	7.8	89	4.5	7	5	3	5	11	0	0	0																							



Table 4 Summary of observations at fixed hours

March 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity			cloud amount					visibility							wind speed and direction																							
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1 - 2	3 - 5	6 - 7												8	34 or more	22-33	11-21	1-10									0					
																																						speed (kt)				
																																						6,7	4,5	1-3	calm	
																																						number of observations				
5 ENGLAND SE—continued																																										
Dungeness, Kent																																										
7	3	1012.3	—	—	—	—	—	3.0	15	0	7	2	6	1	1	0	0	0	0	2	7	8	6	7	1	4	13	11	2	2	4	6	0	7	4	2	0					
9	1012.8	—	—	6.8	1.0	8.5	85	4.9	5	3	7	7	8	1	1	0	0	0	0	5	11	7	1	1	1	5	14	9	2	2	5	5	4	7	5	0						
15	1012.2	—	—	—	—	—	—	4.6	8	1	7	11	4	0	0	0	0	0	0	4	6	8	11	2	1	8	9	13	0	2	11	0	9	3	3	1						
21	1012.9	—	—	—	—	—	—	3.6	13	1	5	3	9	0	0	0	0	0	0	2	8	6	7	8	0	7	12	10	2	0	5	10	2	1	3	8	0					
Manston, Kent																																										
45	3	1012.5	—	4.5	0.9	7.3	86	3.8	7	7	4	7	4	2	1	1	0	1	1	2	10	4	8	3	0	2	11	13	5	1	3	3	4	5	7	2	1					
9	1012.9	—	—	6.9	1.4	8.1	80	4.3	4	9	4	7	7	0	0	1	1	1	1	5	6	11	2	3	0	3	14	11	3	1	2	4	4	7	5	3						
15	1012.2	—	—	10.0	2.9	8.0	66	4.8	6	3	4	10	8	0	0	0	0	0	0	3	10	9	7	2	0	4	14	12	0	3	4	5	2	9	3	4						
21	1013.1	—	—	6.4	1.3	7.8	80	4.7	5	4	7	8	7	0	0	0	0	1	4	6	10	7	3	0	3	12	15	1	1	4	8	3	4	7	2	1						
Thorney Island, Sussex																																										
4	3	1011.8	—	5.6	0.9	7.9	86	4.1	10	5	2	3	11	0	0	0	0	0	1	3	9	12	6	0	0	2	12	17	0	6	6	6	1	4	2	5	1					
9	1012.3	—3.7	—	7.5	1.4	8.5	80	4.9	2	7	6	9	7	0	0	0	0	0	3	11	9	6	2	0	0	5	10	16	0	4	6	7	3	2	3	5	1					
15	1011.6	—	—	10.4	2.6	8.8	69	4.9	4	4	7	11	5	0	0	0	0	0	1	8	6	13	3	0	5	14	12	0	0	3	6	3	10	4	3	2						
21	1012.6	—	—	6.9	1.0	8.5	84	4.2	10	3	3	5	10	0	0	0	0	2	4	9	9	7	0	0	2	13	13	3	2	4	8	2	3	2	7	0						
Eastbourne Coastguard, Sussex																																										
7	9	1012.2	—3.9	7.2	1.1	8.7	85	5.1	5	2	7	8	9	0	0	0	0	0	4	5	14	3	5	0	1	5	9	10	6	5	0	5	3	5	3	4	0					
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
21	1012.3	—	—	7.5	1.3	8.6	82	4.0	10	3	6	4	8	0	0	0	0	0	1	6	12	11	1	0	2	4	8	8	9	3	2	4	1	3	3	6	0					
Abingdon, Berkshire																																										
71	3	1011.7	—	4.2	0.7	7.4	88	4.4	8	4	2	8	9	0	0	0	0	0	4	5	6	9	7	0	0	0	7	21	3	2	6	6	3	2	6	1	2					
9	1012.3	—3.4	—	6.0	1.1	7.9	83	5.2	1	8	3	9	9	1	0	1	0	2	1	3	14	5	3	2	0	0	10	21	0	2	6	6	5	3	1	4	4					
15	1011.0	—	—	11.3	3.5	8.0	61	5.4	1	6	3	15	6	0	0	0	0	0	0	9	11	7	4	0	0	0	14	17	0	3	4	2	5	6	4	6	1					
21	1012.3	—	—	6.7	1.2	8.2	82	4.5	5	6	4	8	8	0	0	0	0	0	3	9	10	8	1	0	0	8	22	1	3	4	7	4	2	5	5	0						
Hurn, Hampshire																																										
14	3	1011.4	—	4.5	0.8	7.5	88	5.0	8	2	2	7	11	1	0	1	1	1	1	6	9	10	2	0	0	1	7	15	8	3	4	5	1	4	2	4	0					
9	1012.0	—3.7	—	6.7	1.2	8.1	82	4.3	6	5	6	8	6	0	0	0	0	3	6	11	6	5	0	0	1	10	15	5	2	3	5	2	3	2	6	3						
15	1011.2	—	—	10.9	3.0	8.4	64	4.5	5	4	8	10	4	0	0	0	0	0	4	11	5	11	0	0	0	1	14	16	0	1	3	4	3	10	5	4	0					
21	1012.2	—	—	6.2	1.0	8.1	84	3.9	11	2	5	3	10	0	0	0	0	2	6	11	8	4	0	0	0	0	9	16	6	2	3	5	3	4	4	0						
South Farnborough, Hampshire																																										
70	3	1011.8	—	3.9	0.6	7.3	89	4.2	8	3	7	4	9	0	0	1	0	1	0	5	10	7	6	1	0	0	8	13	10	0	3	3	4	4	5	2	0					
9	1012.3	—3.6	—	6.2	1.1	8.1	85	4.7	2	11	1	6	10	1	0	0	0	1	2	5	8	7	6	2	0	0	11	17	3	4	2	5	6	4	1	4	2					
15	1010.9	—	—	11.6	3.4	8.4	62	4.9	3	5	7	11	5	0	0	0	0	0	0	10	4	12	5	0	3	13	15	0	1	6	4	7	3	5	1	0						
Lyneham, Wiltshire																																										
149	3	1011.6	—	4.6	0.6	7.8	90	5.2	6	4	2	5	12	2	0	1	0	0	3	3	11	8	5	0	0	1	10	19	1	2	5	5	2	8	6	2	0					
9	1012.1	—3.7	—	5.7	0.9	8.0	86	5.1	2	7	4	10	7	1	0	1	0	0	5	2	11	9	1	2	0	3	11	17	0	1	10	3	3	6	1	5	2					
15	1010.9	—	—	9.9	2.5	8.6	70	5.2	3	4	6	13	5	0	0	0	0	0	1	7	13	6	4	0	0	4	15	11	1	1	5	3	3	7	3	6						
21	1012.1	—	—	6.6	1.1	8.4	84	5.0	4	5	3	10	9	0	0	0	0	0	1	4	9	10	5	2	0	0	10	20	1	3	4	6	1	8	3	4	1					
Boscombe Down, Wiltshire																																										
128	3	1011.5	—	4.3	0.6	7.5	89	4.9	9	1	4	4	13	0	0	1	0	1	0	7	6	11	4	1	0	1	14	11	5	2	1	7	6	4	2	4	0					
9	1012.0	—3.9	—	5.9	0.9	8.0	86	5.0	5	4	6	7	8	1	0	1	0	0	1	5	9	11	4	0	0	4	11	15	1	2	3	8	4	5	1	5	2					
15	1010.9	—	—	10.5	2.8	8.5	67	5.2	4	2	7	12	6	0	0	0	0	1	0	1	8	10	9	2	0	6	14	10	1	2	4	4	4	4	7	2	3					
21	1012.2	—	—	6.4	1.1	8.2	85	4.6	5	6	5	6	9	0	0	0	0	0	0	5	9	15	2	0	0	1	13	12	5	0	2	7	5	4	4	0						
Upavon, Wiltshire																																										
177	9	1012.0	—	6.0	1.1	8.0	85	4.8	4	7	3	6	11	0	0	1	0	0	1	4	15	5	4	1	0	4	7	16	4	1	4	6	6	2	1	4	3					
15	1010.9	—	—	10.3	2.8	8.4	67	5.0	3	4	6	12	6	0	0	0	0	0	0	3	9	6	9	4	0	3	10	14	4	0	5	3	5	4	3	4						
21	1021.1	—	—	6.0	0.9	8.2	87	4.4	8	4	3	6	10	0	0	0	0	0	0	5	10	11	4	1	0	0	7	16	8	1	3	4	3	5	3	2	2					
7a ENGLAND NW																																										
Carlisle, Cumberland																																										
28	3	1011.0	—	3.9	0.6	7.4	90	5.7	5	0	6	7	12	1	0	1	0	1	1	2	15	9	2	0	0	0	4	22	5	1	3	8	4	3	5	2	0					
9	1011.4	—3.1	—	5.4	1.0	7.7	86	5.6	0	4	7	13	7	0	0	0	0	0	1	5	5	15	5	0	0	0	11	18	2	1	4	10	6	0	4	0						
15	1010.5	—	—	8.6	2.1	8.2	73	5.5	2	3	6	13	7	0	0	0	0	0	1	4	6	9	8	3	0	0	17	11	2	0	2	6	6	1	6	7						
21	1011.5	—	—	5.2	0.8	7.8	87	5.1	2	8	2	9	9	1	0	1	0	0	0	4	10	13	3	0	0	0	13	13	5	2	2	7	4	2	6	3	0					
Squires Gate, Lancashire																																										
11	3	1011.0	—	4.2	0.5	7.7	92	5.1	5	3	4	8	10	1	0	2	0	0	1	8	11	4	5	0	1	1	9	19	1	0	2	11	5	4	2	2	4					
9	1011.6	—3.2	—	5.9	0.8	8.2	87	5.7	3	1	7	11	9	0	0	0	0	0	1	2	10	5	9	4	0	1	2	17	11	0	0	3	5	10	2	2	7					
15	1010.8	—	—	9.0	1.8	8.8	77	5.6	2	4	3	15	7	0	0	0	0	0	0	4	10	10	3	4	0	3	13	15	0	1	1	5	3	8	3	7	3					
21	1011.6	—	—	5.6	0.8	8.2	89	5.2	4	4	4	11	8	0	0	0	0	0	2	10	8	10	1	0	0	1	14	16	0	0	2	10	4	3	3	6	3					
Speke, Lancashire																																										
26	3	1011.0	—	4.7	0.5	7.9	92	5.5	4	3	2	14	8	0	0	1	1	2	3	11	9	3	0	0	0	1	11	19	0	2	1	9	4	6	2	3	4					
9	1011.7	—3.2	—	5.6	0.7	8.																																				



Table 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction													
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured							beaufort force						N	NE	E	SE	S	SW	W	NW				
								mean	0	1-2	3-5	6-7		8	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	8 or more 34 or more									6-7 22-33	4-5 11-21	1-3 1-10	calm
number of observations																																					
8a SOUTH WALES - continued																																					
Rhoose, Glamorgan																																					
69	3	1010.7	-	5.2	0.7	8.0	89	4.6	5	7	3	5	11	0	0	1	0	0	1	6	10	8	5	0	0	3	9	18	1	1	11	5	1	3	0	8	1
	9	1011.4	-4.1	6.5	1.1	8.2	84	4.9	2	7	5	9	8	0	0	0	0	2	1	3	13	9	2	1	0	3	15	13	0	0	8	12	1	1	1	6	1
	15	1010.5	-	10.1	2.5	8.5	69	4.7	2	8	6	10	5	0	0	0	0	0	0	2	8	14	7	0	0	4	14	13	0	0	6	9	3	2	4	7	0
	21	1011.3	-	6.7	1.1	8.4	84	4.8	6	6	1	6	12	0	0	0	0	0	0	2	17	7	5	0	0	2	14	14	1	2	9	2	6	0	3	7	1
8b ENGLAND SW																																					
Yeovilton, Somerset																																					
23	3	1011.5	-	4.8	0.8	7.7	88	4.1	9	5	3	4	9	1	0	0	1	1	2	4	18	3	2	0	0	2	13	8	8	2	4	4	2	3	3	4	1
	9	1011.7	-	6.4	1.1	8.1	83	4.6	3	7	6	6	7	2	0	3	0	1	1	6	12	7	1	0	0	7	10	7	7	2	2	5	5	2	1	6	1
	15	1011.2	-	11.1	3.0	8.6	65	5.2	4	2	9	8	8	0	0	0	0	0	0	5	12	6	8	0	1	6	16	8	0	1	5	2	6	6	4	5	2
	21	1012.0	-	6.8	1.2	8.3	83	4.0	11	2	5	1	12	0	0	0	0	0	0	4	17	9	1	0	0	2	14	4	11	0	5	3	5	1	3	0	0
Portland Bill Coastguard, Dorset																																					
54	3	1010.9	-	6.8	0.5	9.1	91	4.1	8	7	4	1	11	0	0	0	0	0	0	5	12	12	2	0	1	4	20	4	2	1	4	11	2	2	2	4	3
	9	1011.7	-	7.6	0.8	9.3	88	4.5	4	7	4	10	6	0	0	0	0	1	2	3	16	4	5	0	1	6	16	8	0	0	4	11	2	4	3	4	4
	15	1011.2	-	9.4	1.4	9.7	82	4.6	5	5	6	7	8	0	0	0	0	0	4	4	10	5	8	0	0	6	14	10	1	0	2	10	3	3	5	4	3
	21	1011.9	-	7.4	0.7	9.3	89	4.4	9	3	4	3	12	0	0	0	0	0	0	7	12	9	3	0	1	4	14	11	1	3	2	11	1	3	2	8	0
Hartland Point, Devon																																					
93	3	1010.8	-	6.4	0.9	8.4	86	4.9	5	6	4	3	13	0	0	0	0	0	0	5	17	8	1	0	7	10	14	0	0	9	2	4	6	1	6	3	
	9	1011.3	-	7.0	1.1	8.5	85	4.8	1	1	1	1	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
	15	1010.9	-	8.1	1.4	8.8	81	4.8	4	4	8	9	6	0	0	0	0	0	0	9	16	5	1	4	5	5	15	2	0	11	1	2	2	2	10	1	
	21	1011.4	-	7.0	0.9	8.9	87	4.9	8	1	5	5	11	1	0	0	0	0	1	6	16	7	1	3	5	11	12	0	0	8	4	4	4	0	8	3	
Mount Batten, Devon																																					
30	3	1011.0	-	6.4	0.9	8.5	88	4.0	7	7	5	3	9	0	0	0	0	0	0	2	13	15	1	0	0	3	12	14	2	1	5	8	2	1	5	3	4
	9	1011.6	-3.5	7.7	1.2	8.8	82	4.7	3	9	4	6	9	0	0	0	0	0	2	5	11	10	1	2	0	4	8	15	4	0	4	4	3	4	5	2	
	15	1011.0	-	10.1	2.1	9.2	74	5.0	5	2	9	9	6	0	0	0	0	0	4	9	9	6	3	1	6	15	8	1	2	2	5	5	4	6	5	1	
	21	1011.8	-	7.6	1.1	8.9	85	5.1	7	1	4	10	8	1	0	1	1	0	0	3	14	10	2	0	1	1	14	13	2	2	4	7	1	3	3	8	1
Chivenor, Devon																																					
7	3	1010.7	-	6.0	0.9	8.1	85	4.3	9	3	4	6	9	0	0	0	0	0	1	3	12	10	4	1	0	2	8	17	4	0	2	13	2	1	3	3	3
	9	1011.2	-3.7	7.2	1.3	8.3	81	4.9	3	4	7	11	6	0	0	0	0	0	2	4	10	6	7	2	0	3	12	14	2	0	4	13	3	1	2	4	2
	15	1010.5	-	1.0	2.8	8.8	67	4.8	4	4	6	12	5	0	0	0	0	0	0	0	8	10	6	7	0	2	20	9	0	1	5	2	6	5	1	7	4
	21	1011.3	-	7.3	1.2	8.6	83	5.0	5	3	4	13	6	0	0	0	0	0	2	10	10	8	1	0	1	11	15	4	0	2	9	4	3	2	6	1	
Prawle Point, Devon																																					
-	3	-	-	-	-	-	-	4.3	7	3	9	1	11	0	0	0	0	0	0	2	22	7	0	0	4	8	12	6	1	1	6	10	0	1	3	8	1
	9	-	-	-	-	-	-	4.9	3	4	7	12	5	0	0	0	0	0	2	3	20	6	0	0	2	9	12	6	2	1	4	9	1	2	1	10	1
	15	-	-	-	-	-	-	5.5	3	2	7	6	13	0	0	0	0	0	5	17	9	0	0	3	11	10	7	0	0	3	11	1	1	5	10	0	0
	21	-	-	-	-	-	-	4.5	6	5	6	3	11	0	0	0	0	0	3	18	9	1	0	4	8	13	4	2	0	3	11	1	1	3	9	1	1
Exeter, Devon																																					
38	3	1011.1	-	5.2	0.7	8.0	89	4.9	6	4	3	9	8	1	0	2	0	1	2	1	10	6	7	2	0	0	10	15	6	4	4	3	2	3	2	5	2
	9	1011.7	-3.8	6.7	1.1	8.3	84	4.9	3	5	7	8	7	1	0	2	0	0	3	9	8	4	5	0	3	10	12	6	5	4	1	5	1	2	4	3	1
	15	1010.9	-	0.7	2.6	8.9	69	4.9	2	9	1	13	6	0	0	0	0	0	1	5	12	6	7	0	0	7	13	11	0	3	3	10	3	1	7	1	1
	21	1011.8	-	6.7	0.9	8.6	86	4.6	6	5	4	6	8	1	0	1	0	0	1	3	10	7	8	1	0	1	11	15	4	1	7	2	3	8	1	4	1
Scilly, Cornwall																																					
61	3	1010.2	-	7.5	0.9	9.1	87	4.9	3	5	7	5	11	0	0	0	0	0	0	1	15	4	9	2	0	4	16	8	3	1	6	4	3	3	4	3	4
	9	1011.1	-2.8	8.2	1.2	9.2	84	5.2	3	4	5	11	8	0	0	0	0	1	2	3	11	6	7	1	0	7	13	9	2	1	7	4	2	4	4	5	1
	15	1010.8	-	8.7	1.4	9.2	81	4.8	5	4	7	6	9	0	0	0	0	0	3	17	4	6	1	2	5	13	9	2	0	6	4	4	2	4	6	3	1
	21	1011.2	-	7.7	1.0	9.1	85	4.3	5	8	4	5	8	1	0	0	0	1	0	1	14	6	8	1	0	5	14	9	3	3	5	4	2	3	8	3	1
Gwennap Head, Cornwall																																					
70	3	1010.3	-	7.2	0.6	9.3	91	4.6	7	2	7	6	9	0	0	0	0	0	1	0	11	11	8	0	1	9	14	6	1	2	4	7	2	3	5	4	3
	9	1010.8	-	7.8	0.7	9.7	91	5.3	4	4	4	10	8	1	0	0	1	2	1	2	12	9	4	0	0	12	13	4	2	1	6	5	2	2	7	4	2
	15	1010.3	-	7.8	0.7	9.9	84	4.7	4	5	7	6	9	0	0	0	0	1	2	14	12	2	0	1	12	14	1	3	2	4	6	2	2	7	3	2	1
	21	1010.9	-	7.4	0.6	9.4	91	4.6	5	6	4	6	9	1	1	0	0	0	0	1	15	8	6	0	2	8	14	6	1	2	7	6	1	7	5	1	
St Mawgan, Cornwall																																					
107	3	1010.8	-	6.2	0.9	8.3	87	5.0	5	3	6	5	12	0	0	0	0	1	2	13	10	5	0	0	2	16	12	1	1	5	5	6	6	1	4	2	2
	9	1011.3	-3.0	7.3	1.0	8.9	85	5.5	2	5	5	10	9	0	0	0	0	0	1	4	10	9	7	0	0	2	18	11	0	4	5	3	4	6	3	4	2
	15	1010.7	-	9.6	2.1	8.8	73	5.3	3	3	8	11	6	0	0	0	0	0	2	9	12	6	2	0	6	19	6	0	5	5	0	6	2	4	7	2	1
	21	1011.5	-	7.0	1.0	8.8	86	5.4	6	2	2	10	10	1	0	0	1	0	0	2	15	10	3	0	0	1	16	12	2	0	5	6	3	4	4	6	1
NORTHERN IRELAND																																					
Moneydyg, Co. Londonderry																																					
35	9	1010.1	-	4.3	0.6	7.6	90	5.2	1	5	6	14	5	0	0	0	1	1	1	6	7	7	8	0	0	9	22	0	1	3	1	5	10	3	5	3	
	15	1009.1	-	8.3	1.7	8.5	77	6.0	1	1	8	14	7	0	0	0	0	0	0	3	9	8	11	0	0	1	16	14	0	3	3	4	10	0	6	2	
	21	1010.2	-	4.6	0.7	7.7	89	4.9	6	4	4	8	9	0	0	0	0	0	0	6	14	1	10	0	0	1	6										



Table 5 Number of days with maximum and minimum temperatures between given limits

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Station	maximum °C							minimum °C							Station	maximum °C							minimum °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 (psychrometer) .. ..	0	4	27	0	0	0	0	0	0	0	0	1	27	3	0	0	Edgbaston .. ..	0	2	15	9	5	0	0	0	0	0	0	0	4	20	7	0	0
Lerwick (large screen) .. ..	0	3	28	0	0	0	0	0	0	0	0	1	26	4	0	0	Kew (psychrometer) .. ..	0	2	9	10	10	0	0	0	0	0	0	0	12	15	4	0	0
Stornoway .. ..	0	1	21	9	0	0	0	0	0	0	0	11	11	9	0	0	Kew (north-wall screen) .. ..	0	2	9	10	10	0	0	0	0	0	0	1	21	9	0	0	
Craibstone .. ..	0	3	22	6	0	0	0	0	0	0	0	6	23	2	0	0	Hastings .. ..	0	2	11	12	6	0	0	0	0	0	0	1	14	16	0	0	
Rothsay .. ..	0	3	22	6	0	0	0	0	0	0	0	1	26	4	0	0	Southampton .. ..	0	1	7	15	7	1	0	0	0	0	0	1	19	11	0	0	
Abbotsinch .. ..	0	0	22	8	1	0	0	0	0	0	0	8	17	6	0	0	Stonyhurst .. ..	0	1	20	7	3	0	0	0	0	0	0	6	22	3	0	0	
Eskdalemuir (psychrometer) ..	0	8	14	9	0	0	0	0	0	0	0	10	18	3	0	0	Rhyl .. ..	0	0	20	8	3	0	0	0	0	0	0	1	20	10	0	0	
Eskdalemuir (large screen) ..	0	7	13	9	2	0	0	0	0	0	0	10	18	3	0	0	Valley .. ..	0	0	18	11	2	0	0	0	0	0	0	1	21	9	0	0	
Douglas .. ..	0	1	22	8	0	0	0	0	0	0	0	1	24	6	0	0	Rhoose .. ..	0	2	10	13	6	0	0	0	0	0	0	1	20	10	0	0	
Acklington .. ..	0	4	18	9	0	0	0	0	0	0	0	9	21	1	0	0	Falmouth .. ..	0	0	11	17	3	0	0	0	0	0	0	0	17	14	0	0	
Gorleston .. ..	0	4	16	10	1	0	0	0	0	0	0	1	26	4	0	0	Aldergrove .. ..	0	2	18	11	0	0	0	0	0	0	0	7	21	3	0	0	
Cambridge Botanic Gardens ..	0	4	9	8	9	1	0	0	0	0	0	12	16	3	0	0	Armagh .. ..	0	0	17	12	2	0	0	0	0	0	11	18	2	0	0		

Table 6 Summary of autographic records of wind

March 1972

				height of vane (metres)		distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities						
District, county and place				above MSL	above ground	effective height	34 kt or more (gale force)				22-33 kt		11-21 kt	4-10 kt	less than 4 kt		no record	highest hourly wind			highest gust		
							dates of occurrence				duration (hours)	no. of days	duration in hours				year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time	
0 SCOTLAND N																							
Zetland Lerwick ..				93	10	10	3, 4	12	10	110	339	240	43	0	13.7	120	40	4	01	120	65	4	0015
Orkney Kirkwall ..				41	15	10	3, 22	15	12	114	399	196	20	0	15.0	110	47	3	21	110	66	3	2105
Caithness Dounreay ..				34	12	9	3	17	17	104	361	231	27	4	14.2	130	47	3	20	130	67	3	1950
Wick ..				45	10	10	3	2	5	36	339	294	73	0	11.4	130	34	3	21	130	57	3	2035
Sutherland Shin ..				24	10	10																	
Ross & Stornoway Airport				18	15	12	3, 4	7	11	77	357	204	99	0	12.4	180	50	4	01	140	72	4	0015
Cromarty Duirinish ..				38	20	17		0	7	21	230	340	93	60	9.6	180	30	3	23	180	63	3	2230
Inverness Benbecula ..				16	10	10	3, 4	7	9	60	378	250	49	0	12.8	120	42	3	22	210	75	4	0001
Corpach ..				23	15	12	Defective Record																
Fort Augustus (Hydro electric Board)				58	16	16		0	0	0	120	294	303	27	5.6	130	20	3	18	150	47	3	1535
Dalcross ..				19	10	10		0	4	17	253	266	208	0	8.6	120	28	3	19	170	47	5	0420
Cairngorm ..				1075	10	10	Defective Record																
1 SCOTLAND E																							
Moray Kinloss ..				18	13	13		0	6	34	293	337	80	0	10.5	120	28	3	18	120	51	3	1715
Lossiemouth ..				31	24	18		0	9	56	250	249	189	0	9.8	150	31	3	16	180	52	3	1720
Aberdeen Dyce ..				72	10	10	3	9	8	36	326	250	123	0	11.1	140	43	3	20	140	66	3	1910
Fraserburgh ..				29	13	11	27, 28, 29	3	12	119	338	276	3	5	13.9	260	35	27	17	120	61	3	1805
Angus Bell Rock ..				39	40	38	3	12	15	132	300	173	127	0	13.6	150	46	3	19	140	62	3	1810
Perth Rannoch ..				307	17	17	Defective Record																
Tummel Bridge ..				161	16	16		0	2	5	109	307	323	0	5.3	090	23	3	14	080	40	3	1440
Fife Leuchars ..				25	13	13	3	2	8	34	333	262	113	0	10.4	130	36	3	18	140	55	3	1805
Midlothian Turnhouse ..				43	13	10		0	2	4	317	271	152	0	9.1	130	24	3	15	130	41	3	1500
6a SCOTLAND W																							
Argyll Tiree ..				24	16	12	2, 3, 4	27	11	83	433	165	36	0	14.7	240	50	3	22	240	72	3	2140
Machrihanish ..				23	13	13	3	6	10	78	407	226	27	0	13.6	130	46	3	15	140	68	3	1350
Dunstaffnage ..				13	10	10		0	3	14	264	391	75	0	9.5	080	28	3	15	080	51	3	1455
Dunbarton Cumbernauld ..				166	10	10		0	5	20	385	240	93	6	10.9	130	27	3	16	120	46	3	1450
Renfrew Paisley ..				57	25	9		0	1	3	176	342	223	0	7.0	190	23	3	21	180	48	3	1835
Abbotsinch ..				16	10	10		0	2	6	314	289	135	0	9.3	200	25	3	21	240	45	3	2040
Ayr Ardrossan ..				24	20			0	5	49	262	381	50	2	10.5	200	33	3	21	200	54	3	1905
Hunterston ..				13	10	10		0	7	47	315	276	106	0	11.2	190	32	3	19	200	52	3	1925
Prestwick ..				21	10	10		0	4	15	289	331	109	0	9.6	140	28	3	15	150	48	3	1550
Dumfries Eskdalemuir ..				259	10	10		0	5	18	231	272	223	0	8.3	310	30	26	06	170	49	3	1640
Wigtown West Freugh ..				25	10	10	3	2	5	32	276	331	103	0	10.0	130	37	3	14	130	57	3	1310
6b ISLE OF MAN																							
Ronaldsway ..				25	10	10	3	2	12	82	297	268	95	0	11.7	130	35	3	13	130	53	3	1255
Point of Ayre ..				20	10	10	3	2	9	101	360	255	26	0	13.7	120	40	3	14	120	59	3	1300
2 ENGLAND NE																							
Durham Durham ..				119	16	10		0	2	9	211	379	145	0	8.3	270	26	27	11	200	54	3	1820
South Shields ..				22	17	13		0	5	21	252	278	193	0	8.7	130	26	3	17	270	46	27	1015
Yorks N.R. Leeming ..				42	10	10		0	4	16	212	383	133	0	8.5	290	26	27	12	300	43	27	1220
Middlesbrough ..				23	19	19		0	3	27	293	319	105	0	9.9	250	30	27	13	140	50	3	1400
Lincoln Waddington ..				80	10	10		0	6	41	285	372	46	0	10.6	150	29	3	15	280	49	27	1350
Cranwell ..				77	13	13		0	7	49	302	285	108	0	10.7	270	31	27	14	300	51	27	1115
Coningsby ..				16	10	10		0	6	36	265	356	87	0	10.1	270	30	27	14	260	51	27	0930
Binbrook ..				118	10	10		0	10	65	283	252	144	0	10.5	260	31	27	12	260	59	27	1155
Manby ..				26	10	10		0	3	23	260	356	105	0	9.4	260	26	27	12	260	41	27	0955
3 ENGLAND E																							
Norfolk Marham ..				29	10	10		0	4	19	273	302	150	0	9.4	260	27	27	12	270	48	27	1405
West Raynham ..				93	17	14		0	9	83	304	315	42	0	12.1	040	32	11	10	260	52	27	1115
Coltishall ..				27	10	10		0	1	5	249	321	169	0	8.4	290	27	27	15	300	46	27	1210
Gorleston ..				16	13	13	11	6	9	80	254	296	95	13	11.3	030	36	11	09	280	48	27	1455
Suffolk Honington ..				60	13	13		0	9	36	262	324	122	0	9.6	260	30	27	16	270	49	27	1235
Wattisham ..				104	16	10		0	8	45	275	369	55	0	10.8	270	32	27	12	280	52	27	1130



Table 6 Summary of autographic records of wind

March 1972

District, county and place			height of vane (metres)		distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			above MSL	above ground	effective height	34 kt or more (gale force)			22-33 kt		11-21 kt	4-10 kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
						dates of occurrence	duration (hours)	no. of days	duration in hours					veer from N		speed (kt)	hour ended at day hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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### Table 3 Additions and corrections

[illegible]



DUPLICATE

THE METEOROLOGICAL OFFICE

# MONTHLY WEATHER

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY STATIONS



MET. O. 852

UDC 551 506 1 (41-4)

**APRIL**  
VOLUME 89

**1972**  
NUMBER 4

## Very changeable during the first fortnight then more settled

Depressions or troughs of low pressure affected all districts throughout the first half of the month and again during the last 3 days. For most of the remainder of the month anticyclones or ridges of high pressure predominated over the British Isles although weak troughs occasionally affected the east and north.

### Weather

Most of the first half of the month was very changeable with strong winds and heavy rain or showers at times, especially in the west and north. A spell of relatively dry weather ensued, particularly in the west where it was also sunny. However, north-easterly winds kept eastern areas cold during much of this dry spell. Changeable weather returned to all districts during the last 3 days and there was a renewal of strong winds and heavy rain.

### Wind

Gales were reported on more days than average on the Welsh coasts and on western coasts of England and Scotland but in most of Scotland gales were slightly less frequent than average. The first fortnight was generally windy; winds were often gusty and local gales were frequently reported near coasts. On the 3rd gusts of 50 – 60 kt occurred in Scotland and over high ground in northern England. The 6th and 7th were very windy in England and Wales; on the 7th gusts of 50 – 60 kt occurred in north-west England and a gust of 71 kt was recorded at Gwennap Head (Cornwall). Strong winds in west Scotland on the 9th spread to most other districts during the next 2 days. Gales occurred locally on coasts and strong gusts were recorded at many stations including Scilly (Cornwall) where 66 kt occurred on the 11th. The last 2 days of the month saw a return to windy weather and on the 29th there were severe gales in the English Channel.

### Temperature

Monthly mean temperature nearly everywhere was within 0.5 deg C of average, although one or two places in east Scotland and south-west England were about 1 deg C warmer than average. The month began warm in many areas but in general daily temperatures did not vary from average to any extent until the last 10 days or so. However, eastern areas were somewhat colder than average at times, particularly after mid-month. From the 19th to 28th eastern areas of England were colder than average, notably from the 23rd to 25th when it was very cold in some localities. Ground frost occurred widely at night and air frost was reported in places. However, during this same period the highest temperature of the month (21.0°C) was recorded in Scotland at Dundee and Perth. The last 2 days were warm in east Scotland but it became cold elsewhere in the United Kingdom.

### Rainfall

Much of central and eastern England together with parts of north-east Scotland were drier than average, and although the deficits were small in most areas some places recorded less than half the average rainfall. On the other hand the average rainfall was substantially exceeded in a few parts of the United Kingdom, notably in west Scotland where rainfall reached two and a half times the average locally, and it was the wettest April at Eallabus (Argyll) and Ayr cetry since records began in 1866 and 1913 respectively. During the first 2 weeks belts of rain frequently crossed all districts, often followed by showers and occasional thunderstorms. The heaviest rain occurred in western areas where local flooding was often reported. By the end of the wet spell more than twice the monthly average rainfall had been recorded in parts of west Scotland. Here and in north Scotland the first few days were particularly wet; heavy 24-hour rainfalls from 09 GMT included 78.2 mm at Blaran (Argyll) on the 1st and 75.3 mm at Isle of Rhum (Inverness-shire) on the 3rd. Further heavy rain occurred in Northern Ireland, southern Scotland and northern England on the 7th and 8th with a 24-hour rainfall of 70.7 mm at Lagafater Lodge (Ayrshire) on the 8th. From the 14th to 27th only small amounts of rain occurred in most areas; these were recorded mainly in the north and east while many places in Wales and western England remained completely dry throughout this period. However, heavy rain returned to most districts on the 28th and 29th with showers on the 30th. In the 24 hours ending at 09 GMT on the 29th rainfall totals of 77.2 mm and 72.0 mm were recorded at Cononish (Perthshire) and Doppog (Merioneth) respectively.

### Snow

The number of days with snow or sleet (rain or drizzle and snow) reported was slightly below average in north Scotland and decidedly below average elsewhere. In addition amounts of snow were very small and usually occurrences were confined to high ground.

### Sunshine

Amounts of sunshine recorded in most areas were below average but in general deficits were not large. A few localities in Scotland, Northern Ireland and southern England had above average sunshine, notably in Devon and Cornwall but again departures from average were mostly small. Much of the first half of the month was dull but there was a relatively sunny spell in western districts from the 18th to 25th.

### Fog

Foggy weather did not feature to any extent during the month except on the first few days. Extensive hill fog occurred in Wales and western England on the 1st and 2nd and sea fog affected the English Channel coast on the 2nd and 3rd.

### Miscellaneous phenomena

The aurora was seen by observers in Scotland on 13 days.

**Table 1 District values**

April 1972

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max. †	Lowest Min. †	max.	min.	mean				
	difference from average								
0 Scotland N	16.0	−0.6	+0.4	−0.1	+0.1	—	+2	118	93
1 Scotland E	21.0	−0.6	+0.5	+0.7	+0.6	+0.9	+2	107	99
2 England N E	16.0	−1.1	−0.4	+0.8	+0.2	+0.9	+1	93	79
3 England E	15.7	0.5	−0.9	+0.9	+0.1	+0.2	+1	88	87
4 Midlands	16.1	−0.2	−0.8	+0.8	0.0	+0.6	+1	100	80
5 England S E	15.9	−1.3	−1.0	+0.6	−0.2	+0.4	+2	111	84
6 Scotland W	16.2	−1.9	+0.2	+0.2	+0.2	+0.7	+1	179	100
7 Eng N W - Wales N	14.9	−0.5	−0.5	+0.7	+0.1	+0.5	+2	143	89
8 Eng S W - Wales S	18.0	0.0	−0.6	+0.5	0.0	+0.4	+1	128	102
N Ireland	17.2	−1.5	+0.2	−0.1	0.0	—	−2	121	102
Scotland	21.0	−1.9	+0.4	+0.3	+0.3	—	+2	135	97
Eng - Wales	18.0	−1.3	−0.7	+0.5	0.0	—	+1	111	87

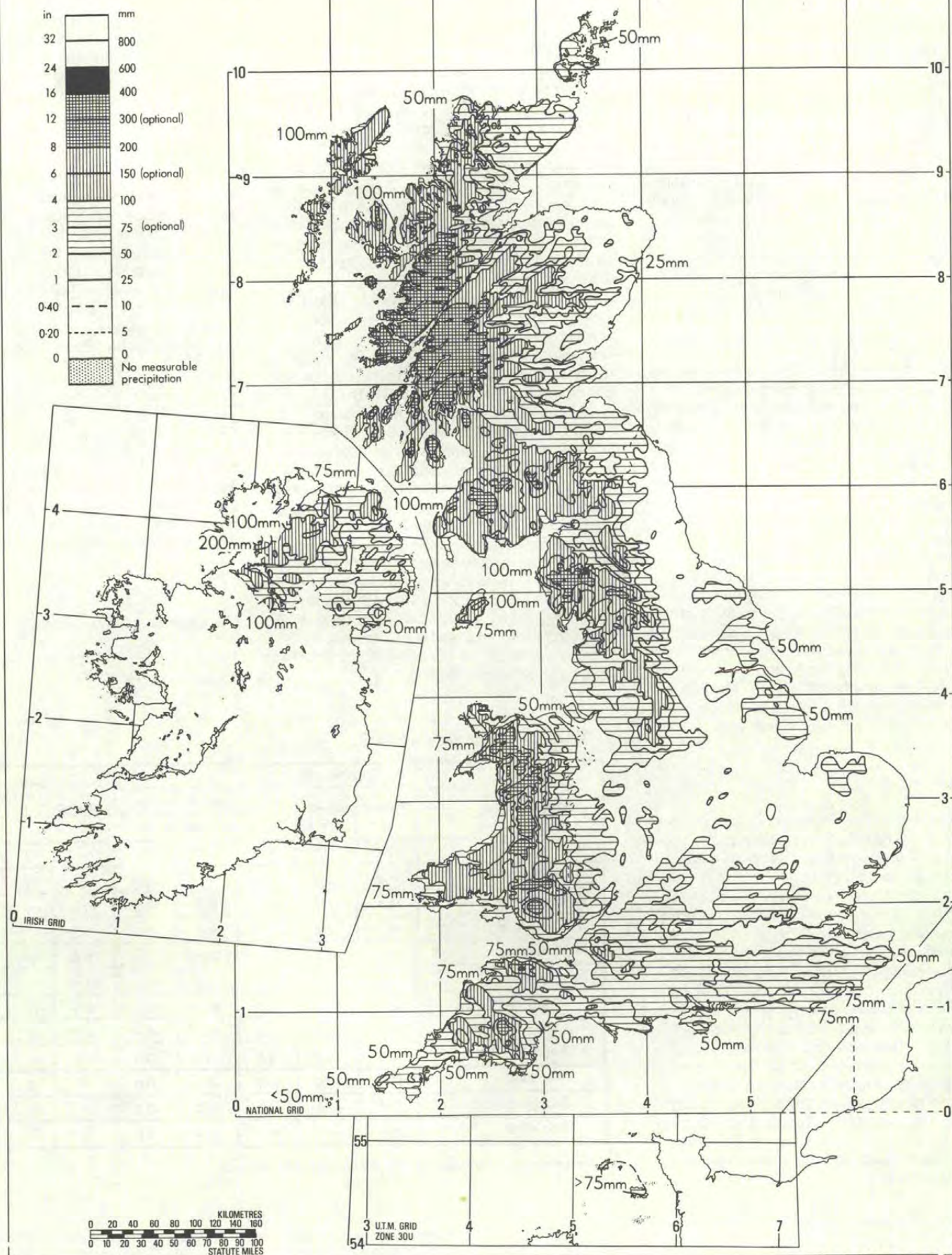
† Highest max. and lowest min. of the District Value Stations

MWR dup (1)



## APRIL 1972

The approximate values in inches are given. The exact relation is  $254 \text{ mm} = 10 \text{ in}$





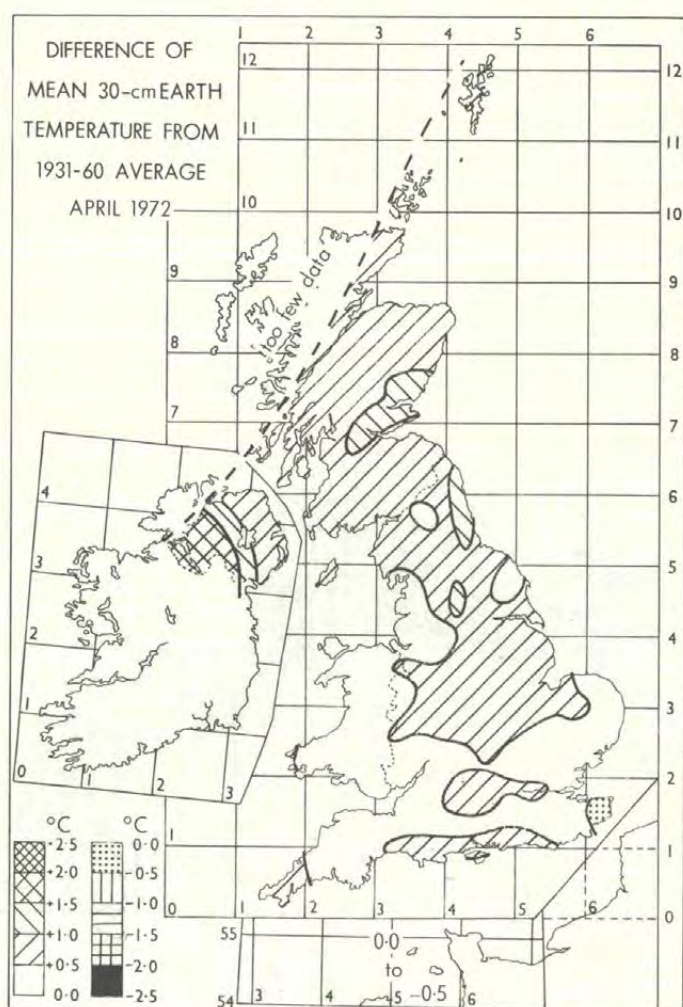
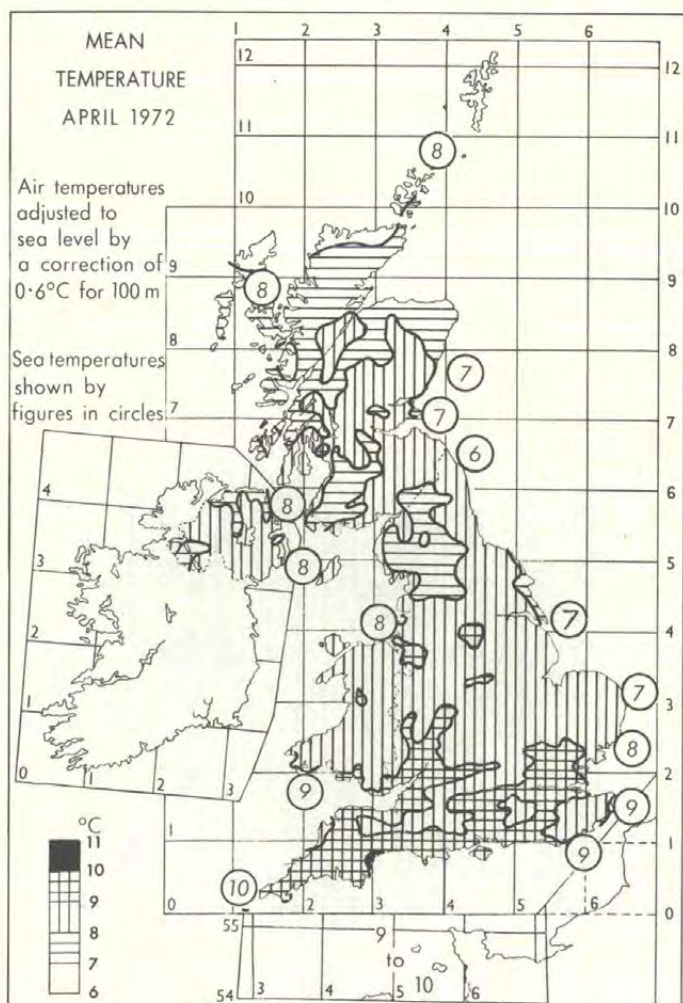
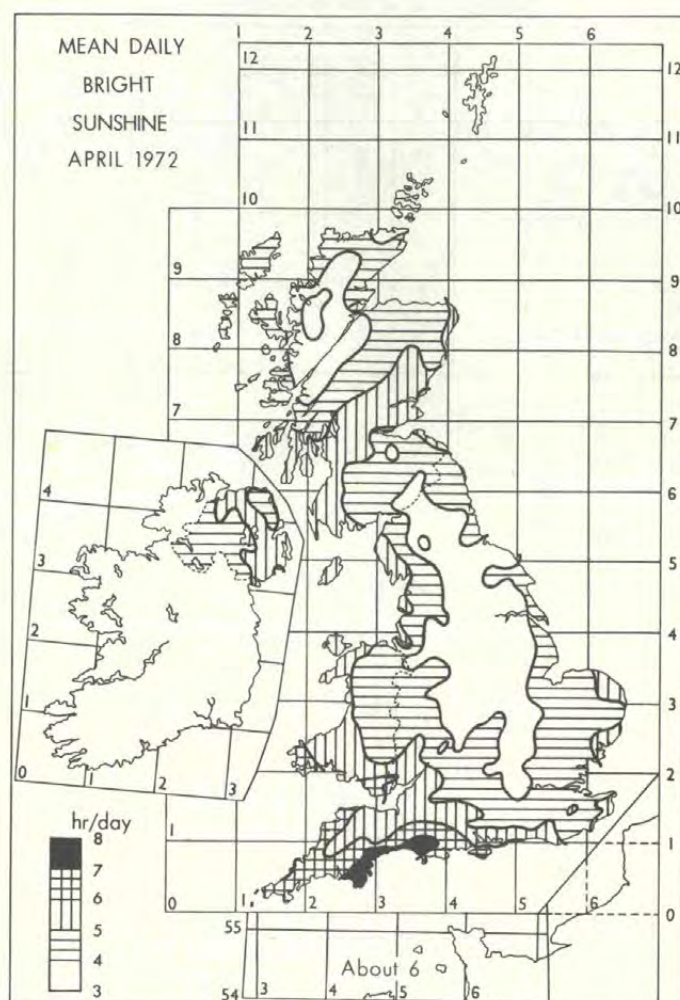
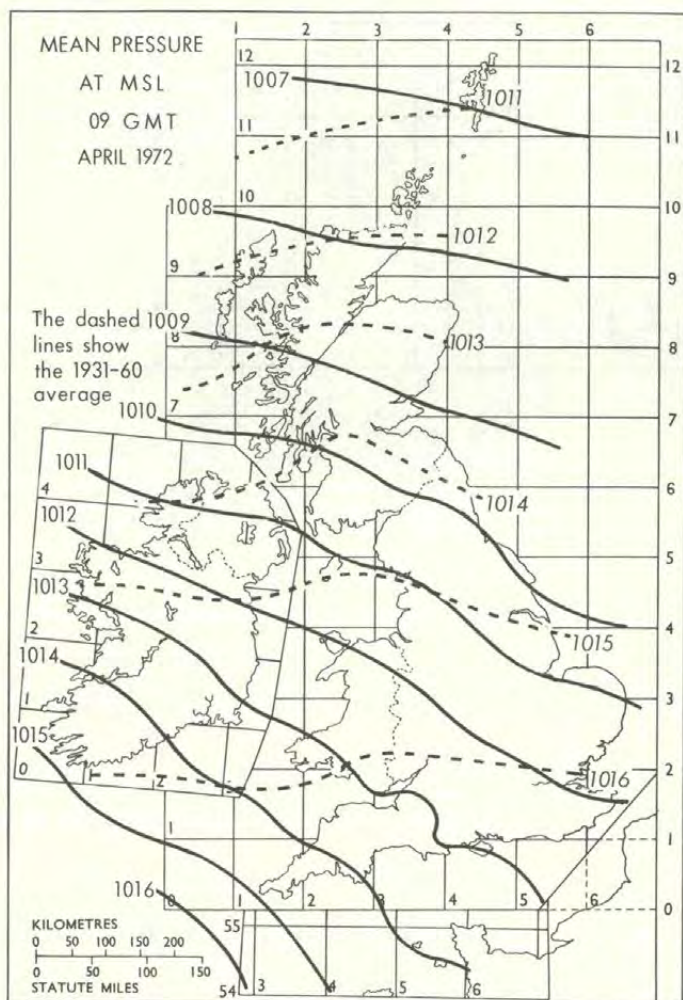




Table 2 Solar radiation and illumination

April 1972

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 .. .. .	505	19	77	29	290.2	30	295	27	79	29	193.2	30	678	19	112	4	382.0	30
Eskdalemuir .. .	685	20	84	2	332.8	30	299	23	83	2	205.4	30	776	20	114	2	385.4	30
Cardington .. .																		
London Weather Centre																		
Kew .. .. .	660	25	112	14	311.4	30	255	28	102	14	189.0	30	804	25	143	14	388.6	30
Easthampstead ..	691	25	153	12	323.2	30	260	8	137	12	203.5	30	777	25	178	12	378.6	30
Aberporth .. .	690	25	112	2	410.8	30	289	12, 29	117	2	227.1	30	—	—	—	—	—	—
Aldergrove .. .	611	20	99	1	366.3	30	309	13	100	1	206.5	30	—	—	—	—	—	—
Jersey Airport ..	710	25	122	1	392.7	30	318	30	120	1	214.8	30	747	25	154	1	444.2	30

Table 3 Summary of daily observations

April 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100 cm (°C)	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 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
				max. (a)	min. (b)			max.	date	min.	date																					
0 SCOTLAND N																																
Zetland																																
Hamnavoe .. .	99	21	8.6	4.0	6.3	—	10.7	19	1.6	1	—	—	115	—	31	29	24	14	4	0	0	1	0	0	0	—	—	1	3.75	—	—	
Lerwick .. .	21-9	82																														
psychrometer screen .. .			8.0	3.5	5.7	—	10.0	25	0.9	7, 8, 24	—	—	120	160	30	29	22	19	1	0	1	3	0	0	0	6	5	0	3.74	85	—	
Baltasound .. .	99	24	8.2	3.7	5.9	+0.4	10.0	25	0.7	24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
			9.1	3.6	6.3	—	10.8	13	0.4	24	6.0	—	78	104	18	29	24	17	2	0	0	0	0	0	0	—	—	0	3.94	—	—	
Orkney																																
Sule Skerry .. .	21-9	13	8.9	5.5	7.2	—	10.8	29	2.7	14	—	—	60	—	10	28	21	18	0	0	0	0	0	0	0	0	0	0	—	—	—	
Stenness .. .	99	23	10.0	3.8	6.9	—	12.3	30	0.2	9	6.6	6.5	62	94	11	28	20	15	0	0	0	0	0	0	1	9	—	0	4.72	—	—	
Kirkwall .. .	21-9	26	9.6	4.0	6.8	+0.5	11.6	17, 20	0.7	6	—	—	55	83	9	28	17	14	4	0	4	0	0	0	0	8	2	0	4.39	88	—	
Caithness																																
Dounreay .. .	99	21	9.8	3.4	6.6	—	12.5	29, 30	(0.0)	6	—	—	48	78	9	2	21	14	0	0	0	1	0	0	0	7	—	0	5.63	—	—	
Wick .. .	21-9	36	10.0	3.7	6.9	+0.5	12.7	17	0.1	7	—	—	52	101	7	2	19	12	1	0	0	3	0	0	0	8	6	0	4.94	97	—	
John O Groats ..	99	30	10.0	3.7	6.9	—	12.2	5	0.0	6, 16	7.3	—	44	—	7	28	18	12	1	0	1	0	0	0	8	—	0	5.10	—	—	—	
Sutherland																																
Cape Wrath .. .	21-9	112	8.2	3.8	6.0	-0.3	11.0	29	0.9	5	—	—	51	66	11	28	19	15	2	0	0	3	0	3	0	2	0	0	4.83	—	—	
Lairg .. .	99	107	10.7	2.5	6.6	—	14.3	20	-1.8	25	6.5	6.0	53	—	15	2	22	11	2	0	3	0	0	0	4	13	—	0	4.40	—	—	
Strathay .. .	99	37	10.2	3.1	6.7	+0.2	13.0	29	-0.5	6	—	—	54	77	9	2	24	15	3	0	1	1	0	0	1	—	0	4.43	106	—	—	
Ross & Cromarty																																
Stornoway .. .	21-9	3	10.2	3.4	6.8	-0.2	13.0	20	-0.6	20	—	—	85	145	15	28	23	14	0	0	3	0	0	0	3	9	6	0	4.58	97	—	
Balmacara .. .	99	4	11.1	4.5	7.8	—	14.8	30	1.9	4, 19	—	—	135	—	31	28	21	20	1	0	0	1	0	0	0	—	—	0	—	—	—	
Poolewe .. .	99	6	10.5	4.3	7.4	—	13.9	19	0.2	22	—	—	120	114	22	28	23	17	0	0	2	0	1	0	0	7	—	0	3.83	—	S	
Rudh Re .. .	21-9	16	8.8	5.2	7.0	—	11.0	20	3.0	6	—	—	96	—	19	28	19	16	0	0	0	0	0	0	0	0	0	1	—	—	—	
Inverpolly .. .	99	14	10.1	3.9	7.0	—	13.0	24	-1.1	22	7.3	—	88	94	13	28	24	16	1	0	0	0	0	—	1	14	—	0	3.54	—	—	
Kinlochewe .. .	99	23	11.1	3.2	7.1	-0.2	17.2	24	-1.0	23	7.0	—	132	93	31	28	22	21	—	—	—	—	—	0	4	11	—	—	2.66	—	S	
Knockanrock ..	99	244	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Strathconon ..	99	107	11.3	2.4	6.9	—	15.7	20	-2.5	20	—	—	85	—	13	2	23	18	3	0	0	1	0	—	5	15	—	0	—	—	—	
Fortrose .. .	99	5	10.5	4.1	7.3	-0.1	14.5	25	1.5	3, 4	—	—	41	97	13	2	22	11	0	0	0	0	0	0	0	—	0	4.46	96	—	—	
Tarbatness .. .	21-9	18	10.3	4.6	7.5	+0.4	12.5	17, 25	1.0	6, 7	—	—	39	107	11	2	19	12	1	0	0	1	0	0	0	—	—	0	—	—	—	
Inverness																																
Benbecula .. .	21-9	6	10.1	4.7	7.4	-0.1	12.3	30	1.8	19	—	—	123	190	28	28	21	17	1	0	2	3	0	1	0	6	4	2	4.02	—	—	
Isle of Rhum .. .	99	5	10.7	4.0	7.3	—	14.9	24	1.0	19, 23	—	7.8	361	250	75	3	21	19	2	0	0	2	0	1	0	12	—	2	4.71	—	—	
Prabost .. .	99	67	10.0	3.6	6.8	—	12.8	24	0.1	6	—	—	168	144	39	28	23	19	0	0	0	2	0	0	0	14	—	3	4.14	—	—	
Duntulm .. .	99	90	9.2	4.0	6.6	0.4	11.7	20	1.1	6	—	—	120	137	28	28	23	19	0	0	0	0	0	0	0	3	—	0	3.39	75	—	
Onich .. .	99	15	11.4	3.6	7.5	+0.1	16.0	24	0.0	20	—	—	199	163	64	1	22	21	—	—	—	—	2	0	12	—	—	3.67	92	S		
Corpach .. .	99	8	11.3	4.2	7.7	—	17.2	24	0.5	20	—	—	203	—	33	28	20	17	0	0	0	0	0	0	3	—	0	—	—	—	—	
Fort Augustus ..	99	21	11.5	2.2	6.9	-0.2	16.5	25	-2.5	30	—	—	87	—	16	2	21	17	—	—	—	—	0	5	—	—	—	3.77	—	—	—	
Lagganlia .. .	99	250	10.3	2.0	6.1	—	16.8	25	-6.5	20	—	—	58	—	16	2	23	14	4	0	0	2	0	0	5	13	—	2	—	—	—	
Inverness .. .	99	4	11.7	4.9	8.3	—	16.4	17, 20	1.2	11	—	—	42	101	13	2	14	11	0	0	0	0	0	0	0	1	—	0	3.54	—	—	
Coire Cas Shieling																																
Cairngorm .. .	99	762																														
Cairngorm .. .	99	1090																														
Glenmore Lodge ..	99	341	9.9	1.4	5.7	+0.3	15.4	25	-4.2	20	—	—	73	104	12	2	24	19	—	0	—	—	—	0	8	17	10	—	4.10	—	—	
Moy .. .	99	305	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 SCOTLAND E																																
Nairn																																
Nairn .. .	99	6	11.2	3.9	7.5	+0.2	14.9	30	-0.1	1, 20	—	—	33	81	13	2	17	7	0	0	1	0	0	0	2	12	—	0	4.53	96	—	
Moray																																
Grantown-on-Spey ..	99	229	10.4	1.8	6.1	—	14.6	20	-5.4	20	—	—	46	—	10	2	21	12	1	0	0	0	0	0	5	19	—	0	4.15	—	—	
Forres .. .	99	50	11.2	4.0	7.6	+0.3	15.0	20	-0.5	20	8.0	7.3	40	103	14	2	19	13	0	0	3	1	0	0	1	5	—	0	4.60	99	—	
Kinloss .. .	21-9	5	11.2	4.1	7.7	+0.6	14.7	20	-2.9	20	7.5	—	33	82	12	2	17	9	1	0	0	1	0	0	1	9	3	0	4.49	—	—	
Elgin .. .	99	15	11.1	3.7	7.4	—	14.4	20, 29	-2.0	20	—	—	39	89	12	2	17	11	—	—	—	—	—	0	3	3	—	—	4.00	—	—	
Lossiemouth .. .	99	6	10.7	3.8	7.3	+0.2	13.9	30	-2.1	6	—	—	39	98	11	2	18	12	0	0	2	0	0	0	2	13	6	1	—	—	—	
Gordon Castle .. .	99	32	10.8	4.1	7.5	+0.2	14.4	20	0.0	1	—	—	46	97	11	2	19	12	0	0	0	0	0	—	0	—	—	0	4.66	102	—	



Table 3 Summary of daily observations

April 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date																						
1 SCOTLAND E - continued																																	
Banff																																	
Glenlivet .. .. .	21-9	215	10.6	2.8	6.7	-	14.4	20	-4.1	20	-	-	57	-	16	2	21	10	1	0	1	0	0	0	2	15	8	0	4.59	-	-	-	-
Banff .. .. .	99	24	9.9	4.7	7.3	-	12.7	30	0.4	1	-	-	43	-	10	2	19	12	-	0	-	-	-	0	0	-	-	-	4.41	-	-	-	S
Aberdeen																																	
Braemar .. .. .	99	339	9.9	1.5	5.7	+0.5	16.7	25	-4.0	23	-	-	54	95	8	28	17	12	-	1	-	-	-	0	5	12	-	-	4.56	-	-	-	-
Balmoral .. .. .	99	283	10.4	1.7	6.1	+0.7	16.3	25	-2.8	20	-	-	38	67	7	2	18	12	2	0	0	0	0	0	6	17	0	-	-	-	-	-	-
Dinnet .. .. .	99	177	11.6	2.8	7.2	-	16.0	20, 25	-3.0	20	6.8	-	23	-	9	1	14	9	-	0	-	-	-	0	2	11	-	-	5.07	-	-	-	S
Gartly .. .. .	99	160	10.5	2.7	6.6	-	13.9	17	-2.5	1, 20	-	-	44	-	8	2	18	10	-	-	-	-	-	0	2	11	-	-	-	-	-	-	-
Inverurie Sewage Works .. .. .	99	54	11.6	3.0	7.3	-	14.8	17	-1.2	1	-	-	25	-	7	1	15	9	0	0	0	0	0	0	3	11	-	-	4.49	-	-	-	-
Fyvie Castle .. .. .	99	66	11.3	3.3	7.3	-	14.5	17	-0.5	16	-	-	37	64	7	1	21	13	0	0	0	0	0	0	1	8	-	-	4.44	-	-	-	-
Craibstone .. .. .	99	91	10.7	3.2	6.9	+0.4	13.8	17	-0.6	1, 2	6.8	6.2	25	44	6	1	15	6	0	0	1	0	0	0	2	15	-	-	4.80	98	-	-	-
Dyce .. .. .	21-9	58	11.0	3.5	7.3	+0.7	14.0	2	-0.7	1	-	-	24	41	5	1	14	6	0	0	2	1	0	0	2	12	7	0	5.19	-	-	-	-
Aberdeen .. .. .	99	52	10.9	3.8	7.3	+0.3	14.8	2	0.8	1	-	-	26	47	7	1	13	6	1	0	0	1	0	1	0	11	-	-	5.01	104	-	-	-
Fraserburgh .. .. .	21-9	18	9.6	4.9	7.3	-	13.3	30	2.9	3	-	-	48	-	9	2	20	12	0	0	0	0	0	0	0	1	1	0	5.02	-	-	-	-
Kincaidine																																	
Fettercairn .. .. .	99	171	10.3	2.7	6.5	+0.4	16.1	25	-0.6	21	-	-	52	81	10	28	18	14	0	0	0	1	0	2	3	9	-	-	4.06	-	-	-	-
Banchory .. .. .	99	77	11.7	3.3	7.5	-	17.8	25	-1.0	1	-	-	29	-	7	1	15	10	0	0	0	2	0	0	3	10	-	-	-	-	-	-	-
Stonehaven .. .. .	99	4	11.4	-	-	-	15.0	25	-	-	-	-	42	84	8	9	14	10	0	0	0	0	0	0	-	-	-	-	4.73	97	-	-	-
Angus																																	
Mylnefield .. .. .	99	30	12.0	4.1	8.1	-	19.5	25	1.0	15	7.9	7.3	37	90	8	8	16	11	0	0	0	0	0	0	0	12	-	-	5.16	-	-	-	-
Dundee .. .. .	99	45	12.5	4.7	8.6	+1.2	21.0	25	1.6	23	8.7	-	38	87	7	1	16	13	0	0	0	1	0	0	0	10	-	-	5.26	-	-	-	-
Glamis Castle .. .. .	99	61	12.3	3.3	7.8	-	20.6	25	-1.5	20	-	-	53	113	8	29	17	13	1	0	0	2	0	0	3	15	-	-	-	-	-	-	-
Whitehills .. .. .	99	258	10.8	2.1	6.5	-	17.5	25	-3.2	20	-	-	68	95	14	28	15	12	0	0	0	0	0	0	4	11	-	-	-	-	-	-	-
Buddon Ness .. .. .	99	5	12.3	3.5	7.9	+1.2	17.8	25	-2.4	23	-	-	36	81	7	1	19	13	0	-	0	1	0	2	-	-	-	-	-	-	-	-	-
Carnoustie .. .. .	99	29	12.1	3.9	8.0	-	16.2	26	0.5	24	6.7	-	38	85	6	9	12	11	-	-	-	-	-	0	-	-	-	-	5.54	-	-	-	-
Arbroath .. .. .	99	28	11.1	4.9	8.0	+0.7	14.2	26	2.2	15	-	-	34	87	6	1	18	10	0	0	0	2	0	0	0	8	-	-	6.07	110	-	-	-
Usan .. .. .	21-9	30	10.8	4.6	7.7	-	13.8	16	1.2	20	-	-	26	-	5	1	14	9	0	0	0	0	0	0	0	0	0	0	5.87	-	-	-	-
Montrose .. .. .	99	57	11.4	4.2	7.8	-	17.6	25	-0.5	20	-	-	30	64	5	9	15	10	0	0	2	0	0	0	1	15	-	-	-	-	-	-	-
Perth																																	
Aberfoyle .. .. .	99	27	13.0	2.7	7.9	-	17.0	25	-3.0	23	-	-	128	-	23	28	17	14	0	-	0	0	0	-	6	11	-	-	-	-	-	-	-
Dall .. .. .	99	232	11.7	1.4	6.5	-	16.0	25	-4.0	23	-	-	86	-	16	2	19	15	2	1	0	1	0	1	12	18	-	-	-	-	-	-	-
Callander .. .. .	99	107	12.2	3.0	7.6	-	17.2	25	-0.5	16	-	-	134	-	23	28	19	16	1	0	0	1	0	0	1	4	-	-	-	-	-	-	-
Ardtnaig .. .. .	99	130	12.0	3.7	7.9	-	18.4	25	-0.2	23	-	-	93	120	18	29	17	13	0	0	0	0	0	0	1	9	-	-	4.76	-	-	-	-
Dunblane .. .. .	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.00	-	-	-	-
Drummond Castle .. .. .	99	113	11.8	3.1	7.5	-	17.4	25	-1.2	23	8.4	-	99	-	21	28	18	14	0	0	0	0	0	0	1	17	-	-	6.04	-	-	-	-
Gleneagles .. .. .	99	152	11.6	2.1	6.9	-	17.4	25	-2.2	23	-	-	91	139	(17)	28	18	16	1	-	0	0	0	1	3	17	-	-	5.86	-	-	-	-
Pitlochry .. .. .	99	144	11.6	3.4	7.5	-	17.7	25	-1.6	23	-	-	43	91	7	2	17	13	0	0	0	1	0	0	1	20	-	-	4.61	-	-	-	-
Faskally .. .. .	99	94	12.5	3.5	8.0	-	19.3	25	-1.0	23	8.2	7.2	47	90	9	2	18	14	0	0	0	0	0	0	1	15	-	-	-	-	-	-	-
Ashintully Castle .. .. .	99	341	10.4	1.5	5.9	-	16.8	25	-1.8	23	-	-	59	-	15	29	17	12	0	0	1	0	0	0	9	18	-	-	-	-	-	-	-
Strathallan .. .. .	99	41	12.6	3.9	8.3	-	19.1	25	-0.2	23	-	-	54	-	11	4	17	13	0	0	0	0	0	0	1	15	-	-	-	-	-	-	-
Perth .. .. .	99	23	12.9	4.0	8.5	+0.8	21.0	25	0.4	23	-	-	36	83	7	1	18	12	0	0	0	0	0	0	0	12	-	-	5.69	116	-	-	-
Blairgowrie .. .. .	99	70	12.3	3.5	7.9	-	19.4	25	-0.5	23	7.7	-	42	103	9	9	17	10	-	0	-	-	-	-	1	-	-	-	5.23	-	-	-	-
Kinross																																	
Kinross .. .. .	99	113	11.5	2.9	7.2	-	17.3	25	-1.3	23	7.9	-	66	-	13	2	16	15	-	0	-	-	-	-	1	13	-	-	5.63	-	-	-	-
Fife																																	
Pitreavie .. .. .	21-9	40	12.0	4.5	8.3	-	17.4	25	0.7	23	-	-	46	105	11	2	17	11	0	0	2	0	0	0	0	11	5	0	-	-	-	-	-
Kirkcaldy .. .. .	99	32	122																														



Table 3 Summary of daily observations

April 1972

District, county and place	terminal h (GMT) max. min. of observation		height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
								max.	date	min.	date					0.2 mm or more	1.0 mm or more																
																		max. (a)	min. (b)														
1 SCOTLAND E – continued																																	
Roxburgh																																	
Wauchope .. .. .	99	155	11.1	3.4	7.3	—	17.0	25	–0.1	15	—	—	76	137	13	5	17	13	1	0	0	1	0	0	1	—	—	0	—	—	—	—	
Kelso .. .. .	99	34	12.2	4.2	8.2	—	18.1	25	0.7	23	—	—	53	—	16	7	14	11	0	0	0	0	0	0	0	10	—	0	4.09	—	—	—	
Sourhope .. .. .	99	221	10.2	2.5	6.3	0.0	16.5	25	–1.3	15	—	—	72	—	11	7	21	18	1	0	0	0	0	0	3	9	—	0	4.26	—	—	—	
(see Introduction)																																	
6a SCOTLAND W																																	
Argyll																																	
Tiree .. .. .	21-9	9	10.2	5.0	7.6	–0.2	12.3	26	1.7	19	—	—	133	201	20	1	19	17	0	0	0	7	0	1	0	5	4	3	4.89	86	—	—	
Port Ellen .. .. .	99	18	10.8	4.6	7.7	—	14.3	23	0.5	21	—	—	138	—	28	1	18	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rhuvaal .. .. .	21-9	20	10.4	5.7	8.1	—	12.6	7	1.8	5	—	—	216	257	40	1	20	17	0	0	0	1	0	0	0	0	0	—	—	—	—	—	
Colonsay .. .. .	99	30	10.4	5.1	7.7	0.0	12.5	23	2.0	23	—	—	157	205	34	1	21	19	1	—	—	0	3	0	3	0	—	—	—	—	—	—	
Aros .. .. .	99	37	11.6	3.0	7.3	—	16.4	23	–0.5	19, 23	—	—	215	—	42	1	20	20	2	0	0	2	0	1	3	14	—	—	—	—	—	—	
Machrihanish .. .. .	21-9	10	10.8	5.2	8.0	—	12.6	2	1.1	21	—	—	124	200	28	7	17	17	1	0	1	2	0	1	0	4	3	0	5.61	—	—	—	
Campbeltown .. .. .	99	12	11.4	5.0	8.2	—	14.0	1, 2, 19	2.0	14, 19, 23	—	—	131	—	27	7	13	13	—	—	—	—	—	—	—	—	—	—	5.47	—	—	—	
Polloch .. .. .	99	15	11.3	1.2	6.3	—	16.8	24	–2.6	23	—	—	268	—	41	1	23	20	1	0	0	0	0	—	12	—	—	—	—	—	—	—	
Knapdale Forest .. .. .	99	40	10.9	3.9	7.4	—	15.2	23	0.4	19	—	—	205	—	54	1	21	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dunstaffnage .. .. .	99	3	11.0	4.8	7.9	—	15.0	23	1.6	23	—	—	188	—	36	1	20	18	0	0	0	0	0	0	0	—	—	—	—	—	—	—	
Glenbranter .. .. .	99	24	11.7	3.3	7.5	—	15.6	23	–0.8	19	—	—	254	—	46	1	20	16	0	0	0	2	0	2	16	—	—	—	—	—	—	—	
Glen Etive .. .. .	99	24	11.8	3.5	7.7	—	18.6	24	–1.4	23	—	—	285	—	63	28	24	22	0	0	1	0	0	—	2	12	—	—	—	—	—	—	
Benmore Younger																																	
Botanic Gardens ..	99	12	11.9	3.9	7.9	—	16.0	18	–1.5	22	—	—	236	159	41	28	18	16	0	0	2	1	0	0	2	13	—	—	—	—	—	—	
Bute																																	
Kildonan .. .. .	21-9	18	11.7	5.5	8.6	—	15.0	18	3.0	14	—	—	167	—	30	8	19	18	0	0	0	1	1	0	0	4	0	1	5.62	—	—	—	
Brodict Castle .. .. .	99	15	12.0	4.7	8.3	—	15.3	21	0.9	20	9.8	—	232	235	40	1	16	15	0	0	0	0	0	0	0	14	—	—	—	—	—	—	
Rothsay .. .. .	99	43	11.5	4.4	7.9	+0.1	15.0	18, 21, 23	1.5	15	7.7	7.1	121	146	23	1	18	16	0	0	1	0	0	0	0	10	—	—	0	5.20	107	—	—
Dunbarton																																	
Finnart .. .. .	99	15	11.9	4.9	8.4	—	16.0	23	1.0	23	—	—	189	—	30	28	20	16	1	0	0	2	0	0	0	—	—	1	—	—	—	—	
Helensburgh .. .. .	99	89	10.9	3.8	7.3	–0.1	15.0	18	–0.4	23	—	—	124	149	22	1	19	14	0	0	0	0	0	0	1	—	—	0	5.13	110	—	—	
Sloy .. .. .	21-9	12	11.9	4.6	8.3	—	15.3	25	0.1	23	—	—	255	—	47	28	19	18	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
Arrochymore .. .. .	99	37	11.7	3.9	7.8	—	15.1	21	–0.3	23	—	—	120	—	19	28	20	14	0	0	0	0	0	0	1	10	—	—	0	5.16	—	—	—
Cumbernauld .. .. .	99	94	11.4	2.2	6.8	—	15.7	25	–2.0	15	—	—	103	—	19	2	17	15	0	0	1	0	0	1	4	12	—	—	—	—	—	—	
Stirling																																	
Earls Hill .. .. .	21-9	335	9.9	2.3	6.1	—	14.2	25	–0.8	22	—	—	135	—	22	28	18	17	5	—	3	0	2	2	2	12	8	2	5.47	—	—	—	
Stirling Batterflats ..	99	38	13.0	3.3	8.1	—	18.0	25	–0.6	23	8.7	7.8	85	—	15	2	18	13	0	0	0	1	0	0	2	19	—	—	0	5.41	—	—	
Parkhead .. .. .	99	107	12.6	2.8	7.7	—	17.2	25	–1.1	23	8.6	—	65	—	9	2	19	13	0	0	0	0	0	1	2	—	—	—	—	—	—	—	
Falkirk Sewage Works ..	99	3	12.3	4.0	8.1	—	17.4	25	–0.5	23	—	—	80	—	17	2	17	15	0	0	0	0	0	0	1	—	—	—	0	4.96	—	—	
Grangemouth .. .. .	99	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Renfrew																																	
Greenock .. .. .	99	61	11.0	4.8	7.9	–0.1	14.4	21	2.2	10	—	—	189	210	30	28	17	16	0	0	0	0	0	0	0	0	—	—	0	5.01	106	—	—
Paisley .. .. .	99	32	12.9	5.2	9.1	+0.8	17.4	21	1.9	10	8.6	7.9	122	194	22	7	17	14	0	0	1	0	2	0	0	1	—	—	0	4.60	99	—	—
Barrhead .. .. .	99	30	12.0	4.5	8.3	—	15.2	21	–0.1	19	—	—	116	174	20	28	17	15	0	0	0	2	2	0	1	10	—	—	—	—	—	—	
Abbotsinch .. .. .	21-9	5	12.2	4.0	8.1	+0.3	15.6	18	–0.8	23	—	—	89	152	15	28	16	14	2	0	3	1	1	0	2	14	8	0	5.26	111	—	—	
Lanark																																	
Crossmyloof .. .. .	99	23	12.8	4.2	8.5	—	16.1	21	0.5	23	—	—	79	—	17	30	16	14	0	0	0	0	0	2	0	—	—	0	6.28	—	—	—	
East Kilbride .. .. .	99	178	10.6	3.5	7.1	—	13.8	21	–0.9	23	—	—	130	—	21	28	18	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Glasgow, Springburn ..	99	107	11.5	4.3	7.9	+0.3	15.5	25	1.2	10	—	—	98	166	20	7	19	16	0	0	0	0	1	0	0	12	—	—	0	5.26	124	—	—
Coatbridge .. .. .	99	78	11.7	4.1	7.9	+0.3	16.0	25	0.1	19	—	—	82	160	13	1	17	14	0	0	0	0	0	0	—	—	—	—	—	—	—	—	
Leadhills .. .. .	99	387	9.5	1.6																													



Table 3 Summary of daily observations

April 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	precip- itation	snow or sleet or more	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure					
				max. (a)	min. (b)			max.	date	min.	date																								
6b ISLE OF MAN																																			
Isle of Man																																			
Ronaldsway	21-9	16		11.5	5.6	8.5	—	14.5	17	1.9	20	—	—	69	134	13	8	15	12	0	0	0	0	0	0	6	0	0	6.03	—	—	—	—		
Douglas	99	87		10.7	5.4	8.1	+0.3	13.9	17	3.4	6, 20	—	—	105	157	23	30	17	13	0	0	1	0	0	0	0	2	—	1	6.02	102	—	—		
Point of Ayre	21-9	9		11.9	5.8	8.9	—	11.9	2	1.8	21	—	—	76	170	16	30	15	13	0	0	0	0	0	0	—	—	1	5.71	—	—	—	—		
2 ENGLAND NE																																			
Northumberland																																			
Kielder Castle	99	201		10.6	2.1	6.3	—	15.9	25	-2.6	21	7.5	—	104	137	27	28	16	14	0	0	0	0	0	2	8	16	—	0	—	—	—	—		
Haydon Bridge	99	79		11.6	4.2	7.9	—	14.1	25	-0.8	15, 21	8.5	7.9	38	—	8	1	18	11	0	0	0	0	1	0	2	4	—	0	—	—	—	—		
Corbridge	99	49		11.9	—	—	—	15.2	25	—	—	—	—	29	—	7	1	14	8	0	0	0	0	1	0	—	8	—	0	—	—	—	—		
Berwick-on-Tweed	99	23		10.9	5.1	8.0	+0.6	14.5	25	1.8	6	—	—	49	143	11	5	15	11	0	0	2	0	0	0	0	4	—	0	—	4.82	92	—	—	
Acklington	21-9	42		11.6	4.2	7.9	+0.8	16.2	25	0.5	21	—	—	41	92	7	1	15	11	0	0	0	3	0	0	0	6	1	0	4.81	—	—	—	—	
Tynemouth	21-9	29		10.7	5.6	8.1	+0.4	14.7	2	2.2	15	—	—	31	75	7	1	15	7	0	0	0	0	2	1	0	5	—	0	4.01	82	—	—	—	
Seahouses	21-9	11		10.7	5.2	7.9	—	15.4	2	2.1	6	—	—	40	—	15	7	14	7	0	0	0	0	0	0	0	4	2	0	5.09	—	—	—	—	
Durham																																			
Chopwellwood	99	136		11.3	4.3	7.8	+0.4	15.0	25	0.0	21	—	—	27	58	6	1	18	12	0	0	0	0	0	0	0	12	—	0	—	—	—	—		
Durham	99	102		11.7	4.4	8.1	+0.7	16.0	25	-1.1	21	8.4	7.7	31	71	6	5	16	11	—	0	—	—	—	1	1	8	—	—	3.61	79	—	—		
Hartburn Grange	99	31		11.6	4.1	7.9	—	14.1	2	-1.6	21	—	—	28	—	5	8	13	10	0	0	0	0	0	0	3	7	—	0	3.49	—	—	—	—	
Hartlepool	99	9		11.6	5.6	8.6	—	15.3	30	1.4	21	—	—	31	76	7	8	16	9	0	0	1	0	0	0	0	—	0	—	3.91	—	—	—	—	
Yorkshire N Riding																																			
Leeming	21-9	32		11.8	4.7	8.3	—	14.9	17	-0.5	21, 25	—	—	38	88	11	8	16	9	0	0	0	0	0	0	3	4	3	0	3.68	—	—	—	—	
Marton	99	46		11.7	4.8	8.3	—	15.0	14	0.9	20	8.4	7.8	35	—	5	5	15	13	0	0	0	0	2	—	0	8	—	0	3.51	—	—	—	—	
York (Heslington)	99	20		11.8	5.0	8.4	—	15.0	17	1.6	21	8.4	8.2	38	—	9	9	18	9	0	0	2	0	1	0	0	3	—	0	3.88	—	—	—	—	
Pickering	99	44		11.6	4.1	7.9	—	14.4	17	-1.3	28	—	—	38	—	8	9	16	10	0	0	0	0	0	0	2	7	—	0	—	—	—	—		
Scarborough	99	53		11.1	4.8	7.9	—	14.2	2	2.2	10	8.5	7.8	42	—	8	8	17	12	0	0	1	0	1	0	1	0	4	0	1	4.26	85	—	—	
Silpho Moor	99	203		10.5	3.3	6.9	—	15.6	20	-1.5	21	6.9	—	57	105	11	9	19	12	1	0	0	0	1	1	1	9	—	0	3.95	—	—	—	—	
Whitby Coastguard	21-9	60		10.3	4.5	7.4	—	14.9	2	-0.5	21	—	—	27	—	5	9	13	9	0	0	1	0	0	0	1	1	0	4	—	—	—	—	—	
Yorkshire E Riding																																			
High Mowthorpe	99	175	(10.2)	(3.8)	(7.0)	—	—	13.2	2	0.8	15	(6.8)	—	46	83	—	—	—	—	—	0	—	—	—	—	1	0	7	—	—	(3.78)	—	—	—	
Hull	99	2		12.2	5.1	8.7	0.0	15.5	2	2.0	20	8.9	8.1	45	98	12	9	15	11	0	0	0	0	1	0	0	2	—	0	3.94	83	—	—	—	
Filey	99	37		10.5	4.6	7.5	—	14.7	2	1.6	28	—	—	39	81	9	9	16	11	0	0	0	0	0	2	0	0	0	0	0	4.36	—	—	—	—
Bridlington	99	48		10.5	4.3	7.4	-0.1	14.0	2, 30	1.7	16	—	—	49	102	8	9	17	14	0	0	0	0	0	1	1	0	0	0	0	4.44	83	—	—	—
Kilnsea	21-9	12		10.4	5.2	7.8	—	15.0	2	1.9	15	—	—	48	—	7	6	17	12	0	0	0	0	0	0	0	—	5	—	4.41	—	—	—	—	
Lincoln																																			
Waddington	21-9	68		11.5	4.9	8.2	-0.1	14.5	17	1.1	25	—	—	38	—	7	9	16	10	0	0	0	1	1	0	0	1	1	0	3.54	66	—	—	—	
Lincoln	99	7		11.9	4.5	8.2	+0.1	15.0	17	0.3	16	8.3	7.7	40	93	8	9	15	11	0	0	0	0	1	0	0	10	—	0	3.37	—	—	—	—	
Cranwell	99	62		11.5	4.3	7.9	-0.3	14.5	7	1.0	25	8.5	8.0	30	70	5	9	16	8	0	0	0	0	0	0	0	4	0	0	3.84	74	—	—	—	
Brigg	99	3		12.2	4.6	8.4	—	16.3	2	-0.4	25	—	—	44	—	7	9	16	10	0	0	2	0	0	0	1	8	—	0	—	—	—	—	—	
Binbrook	21-9	108		10.7	4.3	7.5	—	13.8	2	0.5	25	—	—	70	—	12	28	16	11	0	0	1	0	0	0	0	5	1	0	3.68	—	—	—	—	
Cleethorpes	99	7		11.3	5.6	8.5	+0.1	14.0	6, 25	2.5	8	—	—	53	86	9	6	14	13	—	0	—	—	—	0	0	0	—	—	—	—	—	—	—	
Manby	21-9	17		11.5	4.5	8.0	—	15.8	2	0.8	28	8.7	—	50	118	10	28	14	12	0	0	0	1	0	0	0	9	1	0	4.06	—	—	—	—	
Skegness	99	5		11.1	5.1	8.1	0.0	15.0	2	2.0	9	—	—	45	109	9	29	15	11	0	0	0	0	0	0	0	0	—	0	4.44	82	—	—	—	—
3 ENGLAND E																																			
Norfolk																																			
Terrington St Clement	99	3		11.9	4.6	8.3	-0.2	14.9	2, 3	0.8	25	8.6	—	43	—	7	29	14	10	0	0	0	0	0	0	0	7	—	0	4.27	79	—	—	—	
Marham	21-9	23		11.7	4.8	8.3	—	15.2	2	0.7	25	—	—</																						



### Table 3 Summary of daily observations

District, county and place	terminal $\wedge$ (GMT) of observation		height of station above MSL (metres)	air temperature in $^{\circ}\text{C}$								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)														bright sunshine					
	max.	min.		means of		daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30cm ( $^{\circ}\text{C}$ )	100cm ( $^{\circ}\text{C}$ )	rainfall (mm)		most in a day		precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost grass min. below $0^{\circ}\text{C}$	concrete min. below $0^{\circ}\text{C}$	gale	daily mean (hours)	percentage of 1931-60 average	exposure				
				max. (a)	min. (b)			max.	date	min.	date			total fall	percentage of 1916-50 average	amount (mm)	date																		
3 ENGLAND E—continued																																			
Essex																																			
Little Parndon .. ..	99	54	12.0	5.0	8.5	—	15.0	2	0.5	25	—	—	37	—	7	9	13	10	—	0	—	—	—	0	0	—	—	—	—	—	—	—	—	—	—
Harlow .. ..	99	79	12.7	4.9	8.8	—	15.6	17	1.2	10, 28	—	8.6	41	—	7	10	16	12	0	0	0	0	0	1	0	—	—	—	—	—	—	—	—	—	
Stansted .. ..	21-9	101	11.8	5.0	8.4	+0.3	14.8	2	0.7	25	—	—	39	78	6	13	19	9	0	0	4	0	1	0	0	5	2	0	—	—	—	—	—	—	
Writtle .. ..	99	32																																	
Southend .. ..	99	2	12.0	6.3	9.1	—	14.9	18	2.0	25	—	—	25	—	5	19	15	8	0	0	0	0	1	0	0	3	—	1	—	—	—	—	—	—	
Maldon .. ..	99	4	(12.4)	(5.5)	(8.9)	—	15.7	2	1.6	25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Earls Colne .. ..	99	49	12.5	5.2	8.9	—	15.6	6	0.6	25	8.7	8.8	39	84	7	10	18	11	—	0	—	—	—	0	0	5	—	—	—	—	—	—	—	—	
Shoeburyness .. ..	21-9	2	12.1	6.0	9.1	+0.3	15.1	6	2.4	25	—	—	33	84	11	19	14	9	0	0	2	0	2	0	0	6	0	—	—	—	—	—	—	—	
Clacton-on-Sea .. ..	99	16	11.5	5.9	8.7	+0.5	15.3	6	3.0	17	9.5	9.1	30	71	8	19	14	10	1	0	0	0	1	0	0	4	—	—	—	—	—	—	—	—	
Walton-on-Naze .. ..	21-9	5	11.6	6.2	8.9	—	15.4	6	2.5	17	—	—	34	—	5	28	15	11	0	0	0	0	1	0	0	0	0	4	—	—	—	—	—	—	
Dovercourt .. ..	99	3	—	—	—	—	—	—	—	—	—	—	34	82	7	10	17	12	0	—	0	0	1	0	0	1	—	—	—	—	—	—	—	—	
4 MIDLAND COUNTIES																																			
Yorkshire W Riding																																			
Slaidburn .. ..	99	192	10.3	3.4	6.9	—	14.9	17	—1.8	21	—	—	123	133	23	28	15	14	1	0	0	0	0	0	1	11	—	0	—	—	—	—	—	—	
Malham Tarn .. ..	99	395	9.6	(3.3)	(6.5)	—	13.0	17	(1.1)	(23)	—	—	136	148	22	1	16	14	3	2	0	0	0	0	0	11	—	0	—	—	—	—	—	—	
Huddersfield .. ..	99	99	11.6	5.1	8.3	—	15.8	17	—0.2	21	8.3	7.7	64	119	12	9	12	12	—	—	—	—	—	0	1	4	—	—	—	—	—	—	—	—	
Huddersfield Oakes .. ..	21-9	235	10.9	4.0	7.5	0.0	15.2	17	0.7	11	8.0	6.3	84	131	14	10	17	11	1	0	1	3	2	1	0	9	3	1	—	—	—	—	—	—	
Bradford .. ..	99	134	11.0	4.6	7.8	+0.1	15.6	17	0.8	21	8.0	7.2	59	101	16	10	15	11	1	0	0	0	0	0	0	6	—	0	—	—	—	—	—	—	
Ilkley .. ..	99	96	11.2	4.6	7.9	—	15.5	17	0.0	21	—	—	63	—	9	4	15	13	0	0	0	0	0	0	3	—	0	—	—	—	—	—	—	—	
Sheffield .. ..	99	131	11.5	5.3	8.4	0.0	16.1	17	2.4	20	8.5	7.8	57	107	14	4	12	11	0	0	0	0	0	—	0	0	—	—	—	—	—	—	—	—	
Pontefract .. ..	99	78	11.9	4.9	8.4	+0.3	15.2	17	2.2	11, 20, 21	—	—	26	62	8	10	14	8	0	0	0	0	0	2	0	0	—	—	—	—	—	—	—	—	
Bramham .. ..	99	54	(11.6)	(3.9)	(7.7)	—	15.6	17	—0.3	20	—	—	42	96	9	5	15	10	0	(1)	(0)	(1)	(0)	1	8	—	0	—	—	—	—	—	—	—	
Cawood .. ..	99	6	11.7	4.8	8.3	—	15.4	17	0.5	20	8.5	7.9	37	87	7	6, 9	16	9	0	0	0	1	0	0	0	6	—	0	—	—	—	—	—	—	
Askham Bryan .. ..	99	34	12.3	4.3	8.3	—	15.7	17	—2.3	9	—	—	45	98	7	9	13	11	0	0	1	0	1	1	2	7	—	0	—	—	—	—	—	—	
Derby																																			
Buxton .. ..	99	307	9.2	3.6	6.4	—0.1	12.4	21	0.5	20	—	—	132	155	27	28	16	14	0	0	0	0	0	4	0	1	—	0	—	—	—	—	—	—	
Mackworth .. ..	99	89	11.5	4.5	8.0	—	15.5	17	0.9	9	—	—	37	—	7	28	14	11	—	—	—	—	—	0	0	—	—	—	—	—	—	—	—	—	
Ashover .. ..	99	186	11.0	4.5	7.7	—	14.5	17	1.7	9	—	—	62	—	12	9	16	10	0	0	0	1	0	0	7	—	0	—	—	—	—	—	—	—	
Derby .. ..	99	48	12.1	5.6	8.9	—	15.9	17	2.3	9, 25	—	—	37	76	6	28	13	11	0	0	0	0	0	0	8	—	0	—	—	—	—	—	—	—	
Morley .. ..	99	107	11.6	3.9	7.7	—	15.1	17	0.5	9	—	—	42	81	7	9	13	10	—	—	—	—	—	0	9	—	—	—	—	—	—	—	—	—	
Wingerworth .. ..	99	126	11.4	4.5	7.9	—	15.2	17	1.2	9	9.0	—	56	—	11	9	14	9	0	0	0	1	1	0	7	1	0	—	—	—	—	—	—	—	
Nottingham																																			
Sutton Bonington .. ..	99	48	11.8	5.1	8.5	+0.2	15.9	17	0.6	25	8.2	7.9	31	73	5	28	17	10	0	0	2	0	0	0	0	13	—	0	—	—	—	—	—	—	
Watnall .. ..	21-9	117	11.5	4.7	8.1	—0.1	14.8	17	0.5	25	—	—	41	83	9	9	19	10	0	0	2	0	0	0	0	6	1	0	—	—	—	—	—	—	
Mansfield .. ..	99	114	—	4.5	—	—	—	—	1.0	20, 25	7.9	—	52	103	13	9	14	11	0	0	0	0	0	0	4	—	—	—	—	—	—	—	—	—	
Nottingham .. ..	99	59	11.9	5.5	8.7	0.0	16.0	17	2.1	9	8.4	7.8	33	73	7	9	17	10	0	0	0	0	0	0	0	3	—	—	—	—	—	—	—	—	
Warsop .. ..	99	46	11.9	4.9	8.4	—	16.4	17	—1.2	25	—	—	33	82	8	9	15	8	—	—	—	—	—	0	1	11	—	—	—	—	—	—	—	—	
Finningley .. ..	21-9	10	12.6	5.1	8.9	—	17.2	2	1.2	11	—	—	21	48	6	9	15	8	0	0	0	0	0	0	0	5	1	0	—	—	—	—	—	—	
Leicester																																			
Newtown Linford .. ..	99	119	11.6	4.6	8.1	—	15.6	17	0.3	9	—	—	34	64	5	28	17	11	0	0	1	0	1	0	0	3	—	0	—	—	—	—	—	—	
Caldecott .. ..	99	52	12.0	4.5	8.3	—	15.2	2	—	25	—	—	37	83	9	9	16	12	—	—	—	—	—	0	2	7	—	—	—	—	—	—	—	—	
Northampton																																			
Bugbrooke Mills .. ..	99	69	(12.0)	(4.7)	(8.3)	—	15.3	1	—0.9	25	8.1	7.8	35	71	5	28	20	11	—	—	—	—	—	0	1	—	—	—	—	—	—	—	—	—	
Raunds .. ..	99	59	12.3	4.8	8.5	+0.2	15.6	2, 3	—0.2	25	9.1	8.1	36	82	6	8	17	12	0	0	0	2	2	0	1	7	—	0	—	—	—	—	—	—	
Wittering .. ..	99	65	11.9	5.0	8.5	+0.1	15.2	2	0.5	25	—	—	42	100	7	9	19	12	0	0	0	0	0	0	0	4	1	0	—	—	—	—	—	—	
Warwick																																			
Birmingham																																			
King Edward School .. ..	99	137	11.9	(5.3)	(8.6)	—	15.2	1	1.3	9	—	—	50	86	14	29	15	8	0	0	0	2	0	1	0	—	—	—	—	—	—	—	—	—	—
Edgbaston .. ..	21-9	163	11.4	5.1	8.3	—0.2	14.9	17	2.2	25	7.7	—	47	82	10	6	15	10	0	0	0	2	0	0	0	3	1	0	—	—	—	—	—	—	
Luddington .. ..	99	56	12.2	4.5	8.3	—	16.1	17	0.4	28	—	—	42	—	10	13	14	12	0	0	1	0	0	1	0	9	—	0	—	—	—	—	—	—	
Stratford-on-Avon .. ..	99	49	12.5	3.7	8.1	—	16.4	1	—1.5	9	(9.3)	—	43	93	10	13	16	11	0	0	0	1	0	0	2	—	—	—	—	—	—	—	—	—	
Shipston-on-Stour .. ..	99	111	11.6	4.6	8.1	—	15.4	1	0.1	25	8.1	—	50	101	16	13	16	10	0	0	0	1	0	1	0	11	—	—	—	—	—	—	—	—	
Elmdon .. ..	21-9	96	11.9	4.8	8.3	—	16.0	1	0.5	9	—	—	33	—	6	9	16	9	0	0	2	0	0	0	0	8	3	0	—	—	—	—	—	—	
Wellesbourne .. ..	99	47	12.0	4.7	8.3	—	15.9	17	—0.2	25	8.4	8.2	41	85	10	13	17	9	—	—	—	—	—	1	1	6	6	—	—	—	—	—	—		
Moreton Morrell .. ..	99	85	12.0	4.5	8.3	—	16.2	17	—0.6	25	—	—	47	95	11	13	14	10	0	0	0	0	0	1	1	7	—	0	—	—	—	—	—	—	
Rugby .. ..	99	117																																	
Oxford																																			
Brize Norton .. ..	21-9	84	12.0	5.0	8.5	—	14.6																												



Table 3 Summary of daily observations

April 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
				max. (a)	min. (b)			max.	date	min.	date																						
4 MIDLAND COUNTIES—continued																																	
Hereford																																	
Hereford	99	52	13.1	(4.6)	(8.9)	—	17.2	1	-0.4	9	9.7	9.2	37	—	9	13	13	8	0	0	0	1	1	0	1	15	—	0	5.41	—	—		
Sewage Works	99	155	11.9	4.5	8.2	0.0	15.0	1	1.8	20	—	—	70	117	15	10	15	10	—	—	—	—	—	—	—	0	9	—	—	—	—		
Lyonsall	21-9	68	12.6	5.2	8.9	0.0	16.1	1	0.8	9	9.3	9.1	36	73	6	28	11	10	0	0	0	2	1	0	0	8	2	0	4.70	89	—		
Ross-on-Wye	99	84	12.2	3.1	7.7	—	15.0	1, 17	-1.6	28	—	—	42	96	8	10	12	9	—	—	—	—	—	—	0	3	11	—	—	—	—		
Preston Wynne	99	84	12.2	3.1	7.7	—	15.0	1, 17	-1.6	28	—	—	42	96	8	10	12	9	—	—	—	—	—	—	0	3	11	—	—	—	—		
Gloucester																																	
Filton	21-9	59	12.1	5.4	8.7	-0.1	14.6	17	0.6	9	—	—	59	118	9	9	15	12	0	0	1	0	0	0	0	4	2	1	5.16	—	—		
Hempsted	99	12	12.6	4.4	8.5	—	15.6	17	-0.9	9	9.5	9.5	38	73	6	9	13	10	0	0	0	2	0	0	2	5	—	0	4.00	—	—		
Gloucester	21-9	24	12.9	5.8	9.3	—	15.7	17	0.6	25	—	—	36	—	6	9	13	10	0	0	4	0	0	0	0	9	1	1	4.47	—	—		
Cheltenham	99	65	12.0	4.7	8.3	-0.6	15.1	1, 17	0.5	9	—	—	38	78	7	10	16	10	—	—	—	—	—	—	0	—	—	—	—	3.91	—	—	
Cirencester	99	135	11.9	(4.5)	(8.2)	—	14.6	2	(-1.0)	9	—	—	51	87	12	13	15	9	—	—	—	—	—	(1)	8	—	—	—	—	—	—		
Little Rissington	21-9	226	10.7	4.3	7.5	—	15.1	1	-0.2	25	—	—	40	71	14	13	13	9	1	0	2	0	0	1	1	7	2	0	4.41	—	—	—	
5 ENGLAND SE																																	
Greater London																																	
Kensington Palace	99	25	12.9	6.1	9.5	-0.3	15.6	1	2.5	25	9.8	9.4	45	92	9	13	16	11	0	0	0	2	2	1	0	0	—	0	—	—	—		
Hampstead	99	137	11.9	(4.8)	(8.3)	(-0.2)	15.0	17	0.7	25	—	—	49	91	9	13	18	12	0	0	2	0	3	—	0	6	—	0	4.49	87	—	—	
St James Park	99	4	(13.0)	6.3	(9.7)	(-0.3)	15.5	17	3.0	25	—	—	44	93	9	13	12	9	—	—	—	—	—	—	—	0	4	—	—	—	—		
London Weather Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.31	89	—	—	
Greenwich	99	7	—	6.4	—	—	—	—	2.5	26	—	—	39	86	8	13	16	11	0	0	0	0	1	0	0	1	—	0	4.17	88	—	—	
Heathrow	21-9	25	12.9	5.7	9.3	0.0	15.9	15	1.6	28	—	—	38	85	10	13	14	9	0	0	1	0	2	0	0	6	1	0	4.03	—	—	—	
Hampton	99	12	12.4	5.8	9.1	—	15.5	1	2.0	25	—	—	39	85	8	13	15	11	0	0	0	1	0	0	0	6	—	0	4.35	—	—	—	
Wealdstone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.89	—	—	—	
Southgate	99	67	12.4	5.6	9.0	—	15.2	17	0.5	25	9.1	—	53	101	11	13	19	11	0	0	0	2	2	0	0	8	—	0	4.83	—	—	—	
Kew	21-9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
psychrometer screen	—	—	12.4	5.5	8.9	—	15.5	1	-0.4	9	9.1	8.8	40	87	9	13	15	9	0	0	0	1	2	0	1	7	3	0	4.44	83	—	—	
Waddon	99	59	12.5	6.3	9.4	0.0	15.5	1	2.6	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Addington	99	144	12.5	5.6	9.1	0.0	16.5	2	1.0	26	—	—	47	86	9	28	15	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bromley	99	65	11.9	4.8	8.3	-0.3	15.3	1	0.0	25	—	—	51	88	9	28	18	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Surrey	99	65	12.5	5.4	8.9	+0.4	15.0	1, 6, 18	2.0	25, 26	—	—	42	80	8	29	13	11	—	0	—	—	—	—	—	—	—	—	—	—	—	—	
Gatwick	21-9	59	12.4	4.8	8.6	0.0	16.3	1	-1.5	26	—	—	60	103	11	29	15	12	0	0	1	0	0	0	3	7	2	0	4.18	—	—	—	
Wisley	99	35	12.7	5.1	8.9	0.0	16.2	1	-1.0	26	9.4	9.2	41	—	8	13	14	10	0	0	0	0	2	1	12	—	1	4.44	—	—	—	—	
Mickleham	99	55	12.4	4.3	8.3	—	16.0	2	-2.6	25	9.1	8.5	55	96	10	28	17	12	0	0	0	0	0	0	5	9	—	0	—	—	—	—	
Kent																																	
Hadlow College	99	30	12.2	5.1	8.7	—	15.7	1	-0.5	9	8.9	8.5	39	—	7	29	14	12	0	0	0	0	1	0	2	5	—	0	4.00	—	—	—	
Gillingham	99	4	12.5	6.0	9.3	—	16.0	17	2.6	17	—	—	45	96	6	29	18	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Peckham	21-9	29	12.1	4.8	8.5	—	15.8	1	0.1	9	—	—	49	—	5	29	18	14	0	0	4	0	1	0	0	12	4	0	5.05	—	—	—	
Dungeness	99	3	11.1	6.2	8.7	+0.3	14.0	19	-0.1	17	—	—	68	151	10	11	17	13	0	0	0	0	1	0	1	—	—	—	—	—	—	—	
Whitstable	99	3	11.8	6.0	8.9	—	15.6	6	2.6	13	—	—	42	105	7	10	16	14	0	0	1	0	1	0	0	—	—	1	4.76	—	—	—	
Folkestone	99	31	11.4	5.5	8.5	—	14.6	6	0.8	26	—	9.2	62	—	12	11	18	14	0	0	0	0	1	0	0	6	—	3	5.30	—	—	—	
Elmstone	99	9	—	—	—	—	—	—	—	—	—	—	42	—	7	11	16	13	—	0	—	—	—	—	—	—	—	—	—	—	—	—	
Herne Bay	99	31	11.4	5.7	8.5	—	15.0	6	1.0	28	—	—	44	—	8	10	15	12	0	0	0	1	1	5	0	—	—	0	5.28	—	—	—	
Dover	99	6	11.5	6.6	9.1	+0.3	15.7	3	3.1	17	9.5	9.0	63	123	11	10	18	14	0	0	1	0	1	0	0	0	—	1	(4.92)	—	—	—	
Manston	21-9	44	11.5	5.8	8.7	—	15.2	6	2.6	9	—	—	31	82	4	10	18	12	0	0	3	0	0	0	0	3	0	0	—	—	—	—	
Margate	99	16	10.9	6.5	8.7	-0.3	15.6	6	4.6	9	9.2	8.9	33	—	6	11	18	11	0	0	0	0	0	0	0	0	—	0	4.94	81	—	—	
Goudhurst	99	85	11.8	4.8	8.3	—	15.6	1	-1.6	26	—	—	62	105	10	29	20	12	0	0	0	0	1	0	1	8	—	0	—	—	—	—	
East Malling	99	37	12.0	5.3	8.7	+0.1	15.9	1	1.2	26	8.6	8.3	44	82	7	28	16	13	0	0	0	0	1	0	0	4	—	0	4.18	78	—	—	
Throwley	99	150	(10.9)	(4.7)	(7.8)	—	(15.2)	1	1.0	17	8.1	7.8	54	94	7	29	20	14	1	0	0	1	0	0	0	6	—	3	(3.73)	—	—	—	
Faversham	99	48	11.6	5.4	8.5	—	15.2	6	0.4	17	8.6	8.4	49	—	6	28	15	14	0	0	2	0	1	0	0	3	—	0	4.22	—	—	—	
Wye	99	56	11.4	4.9	8.1	-0.6	15.0	1	0.2	17	8.7	8.5	58	105	7	29	16	14	0	0	0	1	0	0	0	8	—	2	4.29	75	—	—	
Sussex																																	
Thorney Island	21-9	3	12.9	5.8	9.3	—	15.8	1	1.1	26	—	—	56	124	19	13	14	11	0	0	0	1	1	0	0	5	0	1	5.53	—	—	—	
Rogate	99	64	12.9	4.8	8.9	—	16.5	1	-0.5	26	10.5	—	81	—	22	28	12	11	0	0	0	1	0	0	1	8	—	0	—	—	—	—	
Bognor Regis	99	7	12.3	5.7	9.0	+0.2	15.7	18	1.8	25, 26	—	9.9	57	114	14	13	14	12	0	0	0	0	0	0	0	3	—	2	6.04	100	—	—	
Fernhurst	99	57	12.2	4.2	8.2	—	16.1	1	-2.1	26	9.2	—	65	109	13	28	14	11	0	—	0	0	0	—	4	5	—	0	4.72	—	—	—	
Littlehampton	99	5	12.6	6.0	9.3	+0.4	15.4	21	2.0	25	—	9.4	68	145	15	13	13	11	0	0	0	0	1	0	0	—	—	1	5.57	91	—	—	
North Heath	99	21	12.9	5.4	9.1	—	16.7	1	-1.0	26	9.5	9.0																					



Table 3 Summary of daily observations

April 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
				means of		daily mean <sup>1</sup> (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	most in a day		precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
5 ENGLAND SE—continued																																	
Hampshire—continued																																	
Alice Holt Lodge ..	99	115	12.0	4.6	8.3	—	15.0	1	-0.7	26	—	—	58	103	10	28	16	11	0	0	1	0	0	0	1	7	—	0	4.55	—	—	—	
South Farnborough ..	99	69	12.5	5.0	8.7	-0.1	15.2	1	-1.0	26	—	—	44	87	7	28	16	11	0	0	0	0	0	0	2	7	3	0	4.29	80	—	—	
Isle of Wight																																	
St Catherines Point ..	99	16	11.8	5.6	8.7	+0.2	16.0	18	2.5	26	—	—	53	106	13	13	15	12	0	—	1	0	0	0	0	—	—	3	—	—	—		
Ventnor ..	99	122	12.1	6.0	9.1	0.0	15.2	18	3.2	20	10.3	9.8	64	118	16	13	14	12	0	0	0	0	0	0	0	—	—	4	7.13	110	—	—	
(see Introduction)																																	
Shanklin ..	99	55	12.3	5.7	9.0	—	15.4	18	0.9	26	—	—	71	121	15	13	14	11	0	—	0	0	0	1	0	—	—	1	6.48	—	—	—	
Sandown ..	99	4	13.0	6.5	9.7	+0.4	16.2	18	3.2	26	—	—	70	139	15	13	12	10	0	—	0	0	0	0	0	—	—	—	6.61	—	—	—	
Ryde ..	99	4	12.4	5.9	9.1	-0.4	15.7	1	3.2	9	—	—	73	149	15	13	14	12	0	0	0	0	1	3	0	0	—	0	5.60	91	—	—	
Wiltshire																																	
Lacock ..	99	49	11.9	4.2	8.1	—	14.5	2	-0.5	25	—	—	66	132	17	13	13	11	—	0	—	—	—	0	2	7	—	—	—	—	—	—	
Lynham ..	21-9	145	11.4	4.5	7.9	-0.4	14.2	2	0.0	25	—	—	71	137	12	13	17	11	1	0	3	1	1	0	0	9	4	0	5.01	—	—	—	
Larkhill ..	99	132	11.8	4.7	8.3	0.0	14.3	2	-0.2	9	—	—	58	119	9	13	14	10	0	1	0	0	0	0	1	5	2	0	—	—	—	—	
Boscombe Down ..	21-9	126	12.1	4.6	8.3	-0.1	14.2	18	0.1	25	—	—	55	110	9	13	13	10	0	0	3	0	0	0	0	12	7	0	5.51	—	—	—	
Upavon ..	21-9	176	11.7	4.4	8.1	—	13.8	2	1.2	9, 25	—	—	66	126	12	13	14	11	0	0	0	1	0	0	0	7	0	0	—	—	—	—	
Porton ..	99	111	12.0	3.7	7.9	-0.4	14.9	1	-1.3	9	8.5	—	55	106	9	28	12	9	—	0	—	—	—	0	3	12	6	—	5.16	91	—	—	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ..	99	13	11.1	4.9	8.0	—	14.6	18	-0.2	23	—	—	175	282	24	28	15	14	—	0	—	—	—	2	2	2	6	—	5.83	—	—	—	
Bromfield ..	99	20	11.5	3.8	7.7	—	15.3	18	-0.7	20	—	—	106	—	23	1	18	14	0	0	0	1	1	0	4	9	6	0	—	—	—	—	
Carlisle ..	21-9	26	11.9	4.5	8.2	—	14.8	18	0.4	21	—	—	80	—	16	1	18	12	0	0	1	0	1	0	1	0	12	1	0	4.46	—	—	—
Newton Rigg ..	99	171	10.8	3.6	7.2	+0.1	13.4	25, 26	-0.5	20, 21	8.1	—	81	156	12	1	19	14	—	0	—	—	—	0	2	14	—	—	3.82	82	—	—	
Westmorland																																	
Great Dun Fell ..	21-9	847	4.3	-0.8	1.7	—	8.7	25	-4.1	15	—	—	—	—	—	—	—	—	5	—	—	—	—	21	24	—	—	—	2.09	—	—	—	
Moor House ..	99	556	7.2	0.4	3.8	—	10.6	25	-5.0	21	4.7	—	158	121	29	4	17	10	—	3	—	—	—	2	11	18	—	—	3.08	—	—	—	
Lancashire																																	
Squires Gate ..	21-9	10	11.4	5.3	8.3	+0.3	14.2	20	0.5	21	—	—	74	158	20	28	14	11	0	0	0	1	0	0	0	8	3	1	4.95	87	—	—	
Aigburth ..	99	14	11.4	6.1	8.7	—	14.0	1	2.0	20	—	—	57	—	9	28	14	14	0	0	2	0	0	0	0	0	0	0	5.22	—	—	—	
Southport ..	99	5	11.0	5.0	8.0	—	13.4	2, 30	-1.3	21	8.9	8.5	62	131	16	28	12	12	—	0	—	—	—	—	1	3	5	—	5.15	—	—	—	
Cartmel ..	99	34	11.7	4.2	7.9	—	15.2	17	-1.0	21	—	—	100	—	26	28	14	10	0	0	0	0	0	0	1	—	—	0	—	—	—	—	
Grizedale ..	99	91	11.5	3.2	7.3	—	14.7	25	-2.3	23	7.9	—	170	—	35	28	17	14	0	0	0	0	0	0	3	15	—	0	—	—	—	—	
Speke ..	21-9	22	12.1	5.6	8.9	—	14.2	1	1.0	21	—	—	57	133	11	28	14	13	1	0	2	0	2	0	0	3	2	0	4.81	—	—	—	
Kirkham ..	99	24	11.3	4.4	7.9	—	13.3	18	-1.9	20	—	—	79	153	23	28	14	11	0	0	0	0	0	0	4	10	—	0	5.32	—	—	—	
Bailrigg ..	99	53	11.0	4.2	7.6	—	13.8	18, 19	-0.4	21	—	—	97	—	29	28	16	12	—	0	—	—	—	1	1	8	—	—	4.72	—	—	—	
Morecambe ..	99	7	11.7	5.9	8.8	+0.5	15.5	25	2.0	21	—	—	86	166	29	28	16	11	0	0	0	0	0	0	0	—	—	0	4.97	85	—	—	
Preston ..	99	33	11.5	5.1	8.3	—	13.7	18	0.9	21	—	—	79	142	24	28	16	12	0	0	0	2	0	0	0	8	—	—	—	—	—	—	
Bolton ..	99	107	11.0	3.3	7.1	—	13.8	17	-1.0	21	7.8	7.4	88	—	16	28	15	14	—	0	—	—	—	0	1	4	—	—	4.52	—	—	—	
Stonyhurst ..	99	115	11.2	4.1	7.7	0.0	14.8	17	0.1	21	—	—	97	142	20	28	17	14	—	0	—	—	—	0	0	—	—	—	4.43	93	—	—	
Manchester Weather Centre ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.91	—	—	—	
Helmshore ..	99	260	9.8	3.6	6.7	—	13.0	17	0.5	21, 25	7.4	—	143	152	28	9	17	15	—	1	—	—	—	1	0	11	—	—	—	—	—	S	
Nelson ..	99	165	10.4	3.9	7.1	—	13.5	17	-0.4	21, 22	7.6	7.0	92	135	16	4	15	13	—	0	—	—	—	0	2	8	—	—	4.05	—	—	S	
Rochdale ..	99	110	11.1	4.5	7.8	—	15.0	21	0.4	30	—	—	97	143	17	9	17	14	0	0	1	0	1	0	0	0	—	2	3.79	—	—	—	
Cheshire																																	
West Kirby Park ..	99	8	12.5	5.9	9.2	—	14.8	1, 4, 5	0.4	20	—	—	46	100	8	10	16	11	—	0	—	—	—	—	0	1	—	—	4.67	—	—	—	
Ness Gardens ..	99	55	11.																														



Table 3 Summary of daily observations

April 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day (amount)	date	precipitation 0.2 mm or more 1.0 mm or more	snow or sleet snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
				max. (a)	min. (b)			max.	date	min.	date																						
8a SOUTH WALES—continued																																	
Cardigan—continued																																	
Llety-evan-hen .. ..	99	290	9.3	3.9	6.6	—	12.4	22	0.6	21	—	—	119	138	37	28	16	15	0	0	0	2	0	2	0	8	—	0	4.30	89	—		
Cwmystwyth .. ..	99	301	9.5	3.0	6.3	—	12.3	21	-1.7	26	—	—	201	—	41	28	17	16	—	0	—	—	—	—	—	2	8	—	—	3.77	—	S	
Pembroke																																	
Dale Fort .. ..	99	33	11.6	6.4	9.0	—	14.3	24	3.4	25	9.9	—	41	—	11	29	10	7	0	0	0	1	0	1	0	0	—	1	6.36	—	—		
Milford Haven																																	
Conservancy Board ..	21-9	37	11.7	6.1	8.9	—	14.0	17,18,21	3.2	20,21	—	—	61	—	17	28	14	10	0	0	0	0	0	0	0	0	0	0	5	—	—	—	
Orielton .. ..	99	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Haverfordwest .. ..	99	8	11.4	4.8	8.1	—	14.2	17	-0.2	10	—	—	92	—	25	28	13	11	—	—	—	—	—	—	1	—	—	—	—	4.82	—	—	—
Carmarthen																																	
Carmarthen .. ..	99	15	12.8	4.5	8.7	—	18.0	25	-3.0	4	8.3	8.7	124	164	26	28	16	12	0	0	0	0	0	0	0	1	13	—	3	5.75	—	—	—
Esgairwen-Uchaf .. ..	99	332	9.4	3.7	6.5	—	11.7	24	-0.3	20	—	—	133	—	27	28	17	14	2	0	1	0	1	2	1	8	—	1	—	—	—	—	
Brynamman .. ..	21-9	183	11.3	4.4	7.9	—	15.0	21	1.1	20,25	—	—	116	—	25	28	16	14	0	—	3	0	0	0	0	6	—	0	—	—	—	—	—
Radnor																																	
Cenarth Mill .. ..	21-9	282	10.1	3.0	6.5	—	13.4	17	-1.8	26	—	—	111	—	17	10	17	14	—	0	—	—	—	—	0	4	18	—	—	—	—	—	
Llandrindod Wells ..	99	235	11.0	3.6	7.3	-0.5	15.5	26	0.0	20	8.1	—	112	166	17	28	18	14	0	0	0	0	0	0	0	—	—	0	4.02	81	S		
Brecknock																																	
Llwynon .. ..	99	242	10.0	2.8	6.4	—	14.0	17	-0.6	20	—	—	160	—	23	28	17	15	0	0	0	0	0	0	1	—	—	0	4.81	—	S		
Glamorgan																																	
Mumbles .. ..	21-9	36	11.9	5.7	8.8	—	16.7	17	3.6	9	—	—	—	—	—	—	—	—	0	0	1	0	0	0	0	1	0	5	—	—	—	—	
Penmaen .. ..	99	82	12.1	5.1	8.6	—	16.3	17	2.1	21	9.6	9.3	83	—	25	28	15	12	0	0	0	0	0	1	0	1	—	3	5.78	—	—	—	
Swansea .. ..	99	8																															
Port Talbot .. ..	99	7	12.9	5.8	9.3	—	17.0	17	1.5	20	—	—	81	130	20	28	15	13	0	0	1	0	0	1	0	5	—	—	0	6.00	—	S	
Neath .. ..	99	62	12.0	5.5	8.7	—	16.0	17	2.6	9,10	—	—	97	—	26	28	15	14	0	0	1	0	0	0	0	5	—	—	—	—	—	—	
Porthcawl .. ..	99	6	12.2	5.7	8.9	—	15.6	17	2.5	20	—	—	67	—	15	28	13	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rhoose .. ..	21-9	67	12.3	5.1	8.7	—	15.9	26	2.2	9,20	—	—	71	117	17	13	17	13	0	0	1	0	1	0	0	6	3	0	6.42	111	—	—	
Cardiff .. ..	99	62	12.7	5.7	9.2	+0.1	15.7	17	3.0	25	9.1	8.8	96	148	17	28	17	12	0	—	0	0	0	0	0	2	—	0	5.57	—	S		
Monmouth																																	
Tredegar .. ..	99	313	10.0	3.7	6.9	—	13.5	17,26	0.5	24	—	—	139	139	24	6	15	14	0	0	5	0	0	0	0	9	—	1	5.59	—	—	—	
Newport .. ..	99	23	12.9 (5.1)	(9.0)	(-0.2)	—	15.4	15,17	1.7	19	—	—	97	154	20	28	16	12	1	0	0	1	0	0	0	—	—	0	6.36	—	—	—	
Usk .. ..	99	21	—	—	—	—	—	—	—	—	—	—	63	98	14	9	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Crumbland .. ..	99	245	10.9	4.3	7.6	—	14.6	17	1.1	25	8.2	7.9	65	100	13	9	15	12	0	0	0	0	0	0	0	6	—	—	0	5.74	—	—	—
8b ENGLAND SW																																	
Somerset																																	
Hawkrigde .. ..	99	314	10.0	3.7	6.9	—	13.6	17	1.2	25	—	—	145	151	29	28	17	13	0	0	1	0	0	0	0	15	—	0	5.19	—	—	—	
Nettlecombe .. ..	99	96	12.2	4.7	8.5	—	15.7	2	0.2	25	10.2	—	103	—	17	13	15	11	0	0	1	0	0	0	0	12	—	—	—	—	—	—	
Cannington .. ..	99	23	12.1	5.9	9.0	—	15.4	2	2.0	20,25	9.8	—	56	111	14	13	14	12	0	—	0	0	0	0	0	7	—	0	5.43	94	S		
Cricket Malherbie ..	99	76																															
Cheddar .. ..	99	11	12.7	5.4	9.1	—	15.6	14	1.0	9	—	—	37	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Yeovilton .. ..	21-9	18	13.1	4.5	8.8	—	15.6	26	-1.2	9	—	—	53	—	9	13	13	11	0	0	2	0	1	0	3	6	2	0	—	—	—	—	
Rodney Stoke .. ..	99	40	12.3	4.9	8.6	—	14.7	2	-0.3	25	9.6	9.0	51	—	12	29	16	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Long Ashton .. ..	99	49	12.1	5.3	8.7	-0.2	14.5	26	0.7	9	9.1	—	86	151	11	13	15	13	0	1	2	0	0	0	8	—	—	0	5.13	95	—	—	
West Camel .. ..	99	27	13.1	4.4	8.7	—	16.3	26	-1.5	9	—	—	55	—	11	29	15	11	0	0	1	1	1	0	3	9	—	—	—	—	—	—	
Downside Abbey ..	99	183	11.4 (4.4)	(7.9)	—	—	13.4	17	0.7	20	—	—	113	—	17	28	14	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wincanton .. ..	99	114	12.1	4.5	8.3	—	15.2	14	0.0	9	—	—	73	—	15	13	16	13	0	0	0	3	1	0	0	10	—	—	—	—	—	—	—
Bath .. ..	99	118	11.9	5.2	8.5	—	14.3	17	1.5	20	9.5	—	59	112	9	13	18	12	0	0	1	0	0	0	0	—	—	—	—	—	—	—	S
Dorset																																	
Portland Bill																																	
Coastguard .. ..	21-9	53	11.8	6.4	9.1	—	15.2	21	3.2	20	—	—	53	—	13	13	16	10	0	0	0	0	0	0	0	0	0	0	6	6.93	—	—	—
Weymouth .. ..	99	23	13.2	5.5	9.3	-0.1	17.0	26	1.2	10	—	—	68	—	21	13	14	12	0	0	0	1	0	0	0	—	—	0	7.15	—	—	—	—
Winfrith .. ..	99	26	13.1	5.6	9.3	—	16.6	26	0.5	28	—	—	84	—	20	13	13	11	—	—	—	—	—	—	0	6	—	—	—	—	—	—	
Shaftesbury .. ..	99	207	11.3	4.0	7.7	-0.4	13.8	26	-1.0	20	—	—	66	122	16	4	15	11	—	—	—	—	—	—	0	1	—	—	—	—	—	—	
Swanage .. ..	99	11	12.3	6.8	9.5	—	15.5	18	4.0	20,26,28	—	10.3	63	136	14	13	12	12	0	0	0	0	0	0	0	0	—	—	0	6.17	99	—	
Poole .. ..	99	8	13.1	5.9	9.5	—	17.5	1	-0.5	26,28	10.2	10.0	64	126	13	13	14	11	0	0	0	0	0	0	0	5	—	—	0	6.88	113	—	
Devon																																	
Virginstow .. ..	99	168	(11.5)	(4.6)	(8.1)	—	16.4	19	1.3	25	—	—	75	—	11	7	14	13	0	0	0	0	0	1	0	(6)	—	2	—	—	—	—	
Hardland Point .. ..	21-9	91	10.0	5.8	7.9	—	16.8	26	3.8	20,25	—	—	61	119	12	13	15	11	0	0	0	0	0	1	0	0	0	12	6.44	107	—	—	
Mount Batten .. ..	21-9	27	12.3	6.6	9.5	+0.3	15.5	18	3.9	9	—	—	58	103	12	28	13	12	0	0	0	0	1	0	0	1	0	4	7.01	115	—	—	
Plymouth Hoe .. ..	99	36	12.6	5.4	9.0	-0.7	15.3	26	2.6	20	10.3	9.7	48	86	7	9	14	11	0	0	0	2	0	0	0	4	—	0	6.86	113	—	—	
Tavistock .. ..	99	139	12.7	4.9	8.8	0.0	17.0	26	1.3	9	—	9.7	109	126	17	8	15	14	1	0	0	0	0	0	0	7	—	—	—	—	—	—	
Chivenor .. ..	21-9	6	12.3	6.2	9.3	-0.3	14.6	17	1.3	9	—	—	58	106	14	13	14	13	0	0	0	3	0	0	0	7	0	0	6.39	—	—	—	—
Prawle Point .. ..	21-9	59	—	—	—	—	—	—	—	—	—	—	19	—	4	13	10	7	0	0	0	1	0	0	—	—	—	—	13	—	—	—	
Totnes .. ..	99	84	12.5	5.7	9.1	—	16.8	18	-2.5	30	9.4	9.1	77	—	17	28	13	12	0	0	0	0	0	0									



District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																		
NORTHERN IRELAND																																		
Londonderry																																		
Coolkeeragh	99	3	11.8	3.9	7.9	—	15.1	24	0.3	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Loughmore Forest	99	174	11.1	3.0	7.1	—	14.3	17	−2.0	21	—	—	107	—	21	7	19	15	0	0	1	0	0	0	5	13	—	0	—	—	—	—	—	
Banagher Caugh Hill	99	216	10.7	3.6	7.1	—	14.5	21, 23	1.0	23	—	—	101	—	17	9	19	14	0	0	1	0	0	0	0	5	—	0	—	—	—	—	—	
Derrynoyd Forest	99	88	12.4	3.6	8.0	—	16.2	17	−1.0	20	—	—	101	—	15	9	16	14	0	0	0	0	0	0	4	—	0	—	—	—	—	—	—	
Somerset Forest	99	43	12.0	3.9	7.9	—	15.3	17	−0.6	21	—	—	72	—	17	7	16	11	0	—	0	0	0	0	1	6	—	0	—	—	—	—	—	
Coleraine University	99	23	11.4	4.4	7.9	—	14.2	25	−0.9	24	8.5	7.6	71	—	13	7	17	12	0	0	0	0	0	0	3	10	—	0	5.17	—	—	—	—	
Garvagh Forest	99	88	11.8	2.4	7.1	—	16.1	17	−2.7	20	8.0	7.0	103	—	14	7	18	14	1	0	0	0	0	0	7	9	—	0	—	—	—	—	—	
Moneydig	21-9	34	12.3	3.7	8.0	+0.1	15.7	17	−1.5	21	8.8	—	78	114	13	7	17	13	0	0	2	0	0	3	15	7	0	—	—	—	—	—	—	
Trad Point	99	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antrim																																		
Ballymoney	99	55	12.0	3.0	7.5	—	15.2	2	−1.3	21	—	—	85	—	11	1	15	15	0	—	0	1	0	0	0	5	—	—	—	—	—	—	—	—
Lisnafillan	99	38	12.1	3.9	8.0	—	15.2	17	−1.2	21	—	—	63	—	12	9	16	15	0	0	0	0	0	0	4	11	—	—	5.59	—	—	—	—	
Aldergrove	21-9	68	11.9	4.5	8.2	+0.3	15.0	17	0.7	19	8.6	7.6	52	85	8	2	16	13	0	0	1	2	0	0	0	8	4	0	5.36	108	—	—	—	
Greenmount	99	32	12.2	3.9	8.1	—	15.5	17	−1.0	23	8.9	—	53	—	9	9	16	13	0	0	0	0	0	—	2	18	—	—	—	—	—	—	—	
Altnahinch	99	226	10.1	2.8	6.5	—	(13.0)	17	−1.5	20	—	—	118	—	27	7	19	16	1	0	2	1	0	0	3	10	—	0	4.42	—	—	—	—	
Parkmore Forest	99	235	9.7	2.6	6.1	—	13.4	17	−1.5	19	7.1	—	150	154	35	7	19	16	0	0	0	0	0	1	4	12	—	1	—	—	—	—	—	
Black Mountain	21-9	295	9.9	3.3	6.6	—	13.6	25, 26	0.5	6, 23	—	—	69	—	14	4	12	12	1	0	3	0	0	6	0	—	—	6	—	—	—	—	—	
Lowtown	99	271	9.8	2.5	6.1	—	13.4	17	−0.3	6	6.7	—	90	—	13	9	17	15	0	0	0	0	0	1	1	19	—	1	5.00	—	—	—	—	
Ballypatrick Forest	99	152	10.2	3.7	6.9	—	13.0	25	0.1	21	—	—	123	162	41	7	16	15	0	0	0	0	0	1	0	11	—	0	4.68	—	—	—	—	
Belfast Malone	99	35	12.4	4.3	8.3	—	15.6	17	−0.4	23	8.9	—	70	—	9	4	15	14	0	—	0	0	0	0	1	9	—	0	—	—	—	—	—	
Newtownabbey	99	32	11.8	5.7	8.7	—	16.0	17	3.0	21	9.2	—	71	—	10	28	14	14	0	2	0	0	0	0	6	—	0	5.28	—	—	—	—	—	
Woodburn North	99	217	10.5	2.7	6.6	—	15.0	17	−2.0	23	—	—	76	97	14	7	16	14	0	0	0	0	0	2	6	13	—	—	—	—	—	—	—	
Larne	99	43	12.3	4.8	8.5	—	16.4	17	1.0	23	—	—	80	117	15	1	16	14	0	0	0	0	0	0	—	—	0	—	—	—	—	—	—	
Kilroot	99	22	12.1	4.3	8.2	—	14.8	21	0.0	23	—	—	56	—	11	7	14	13	0	0	0	0	0	0	7	—	—	—	—	—	—	—	—	
Ballylumford	99	24	11.8	5.3	8.5	—	15.6	21	2.7	6	—	—	61	—	13	7	15	11	—	—	—	—	—	—	0	4	—	—	—	—	—	—	—	
Down																																		
Hillsborough	99	116	11.1	4.0	7.5	−0.1	14.4	25	−0.3	23	8.4	7.4	63	113	8	4	15	13	0	0	0	0	0	0	1	12	—	0	5.47	113	—	—	—	
Kilkeel	21-9	18	12.0	5.3	8.7	+0.6	15.5	17	2.1	21	—	—	61	—	9	9	14	12	0	0	0	0	0	0	0	5	2	0	5.41	—	—	—	—	
Rosetta	99	24	12.1	4.5	8.3	—	16.0	17	0.4	19	—	—	67	—	—	—	—	—	—	—	—	—	—	0	0	—	—	—	—	—	—	—	—	
Murlough	99	9	12.4	3.8	8.1	—	16.2	2	−3.5	21	8.3	8.0	49	—	8	9	14	10	0	0	0	0	0	0	6	10	—	1	4.91	—	—	—	—	
Belfast Rosebank	99	47	12.6	4.9	8.7	—	16.3	17	0.9	23	—	—	68	—	11	4	15	13	—	0	—	—	—	—	0	—	—	—	—	—	—	—	—	
Stormont Castle	99	56	12.3	4.6	8.5	—	15.8	23	2.0	6	9.2	8.3	66	112	11	7	16	12	0	0	1	0	0	0	9	—	—	5.34	—	—	—	—	—	
Downpatrick	99	26	12.0	4.4	8.2	—	16.3	17	1.4	21	—	—	49	—	15	7	13	11	—	—	—	—	—	—	0	6	—	—	—	—	—	—	—	
Creightons Green	99	119	11.0	4.1	7.5	—	15.0	17	0.2	23	—	—	70	—	14	4	16	11	0	0	1	1	0	0	9	—	0	—	—	—	—	—	—	
Cross Island	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Helens Bay	99	43	12.3	5.3	8.8	—	15.9	17	2.4	14	—	—	63	—	13	4	15	12	0	0	0	3	1	0	0	6	—	0	5.28	—	—	—	—	—
Killough	21-9	15	11.2	4.9	8.1	—	15.6	17	1.6	21, 23	—	—	52	—	11	9	13	11	0	0	2	0	0	0	7	0	2	—	—	—	—	—	—	—
Ballywalter Park	—	11	—	—	—	—	—	—	—	—	—	—	58	114	15	7	15	13	—	—	—	—	—	—	—	—	—	—	5.41	—	—	—	—	—
Armagh																																		
Armagh	99	62	13.0	3.8	8.4	+0.1	17.2	17	−0.3	21	9.9	9.0	58	110	9	10	15	13	0	0	4	0	0	0	2	13	—	0	4.32	90	—	—	—	—
Loughgall	99	25	12.1	4.1	8.1	—	15.7	17	−1.2	23	—	—	49	101	11	10	15	13	0	0	0	0	0	0	3	13	—	0	4.98	—	—	—	—	—
Tandragee	99	43	12.8	4.0	8.4	—	16.2	23	−1.3	21	—	—	51	—	11	10	14	13	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—
Bessbrook	—	76	—	—	—	—	—	—	—	—	—	—	75	125	11	9	15	13	0	0	0	2	0	—	—	—	—	—	5.01	103	—	—	—	—
Portadown	99	16	12.1	4.4	8.3	—	15.2	17	−0.8	21	9.1	8.5	50	—	9	10	15	12	0	—	0	0	0	—	2	10	—	—	—	—	—	—	—	—
Lurgan	99	55	12.3	4.3	8.3	—	15.6	25	−1.2	21	9.0	8.2	50	—	7	10	16	12	—	—	—	—	—	—	2	11	—	—	4.87	—	—	—	—	—
Tyrone																																		
Lough Bradan	99	169	11.4	2.9	7.1	—	15.1	25	−5.0	21	—	—	151	—	26	10	21	17	—	0	—	—	—	—	0	4	12	—	—	4.64	—	—	—	—
Baronscourt Forest	99	88	11.9	3.8	7.9	—	15.1	25	−1.2	21	8.4	7.7	98	—	16	9	19	13	0	0	0	0	0	0	2	14	—	—	—	—	—	—	—	—
Strabane Convent	99	44	12.2	4.3	8.3	—	16.0	25	1.0	13	—	—	100	—	16	7	18	15	1	0	2	0	0	0	0	11	—	1	4.88	—	—	—	—	—
Carrigans	21-9	113	11.9	4.0	7.9	—	16.3	25	−0.2	21	—	—	112	—	14	29	19	15	0	0	4	0	0	0	1	14	5	0	—	—	—	—	—	—
Lislap Forest	99	209	11.0	3.4	7.2	—	14.1	24	−0.9	21	8.0	—	124	147	16	29	21	18	0	0	0	0	0	1	3	11	—	—	—	—	—	—	—	—
Knockmany Forest	99	73	11.8	3.3	7.5	—	16.2	25	−2.3	20	—	—	93	145	14	10	17	14	0	0	0	0	0	0	3	14	—	—	—	—	—	—	—	—
Pomeroy Forest	99	165	11.4	3.5	7.5	—	15.0	23	0.4	15	8.4	—	76	—	11	9	16	14	0	1	0	0	0	0	0	15	—	—	—	—	—	—	—	—
Cookstown	99	77	11.5	3.3	7.4	—	15.2	17	−0.3	19	8.3	—	56	89	9	9	16	13	0	—	0													







Table 4 Summary of observations at fixed hours

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	11-21	1-10									0					
																																						speed (kt)				
																																						number of observations				
6a SCOTLAND W-continued																																										
Eskdalemuir, Dumfriesshire																																										
237	3	1009.9	-	3.8	0.8	7.2	89	5.7	1	3	7	7	12	0	0	0	0	0	0	0	4	6	15	5	0	0	1	10	8	11	4	1	0	0	0	4	5	3	2			
	9	1009.9	-4.3	6.8	1.7	7.6	77	5.9	0	4	6	12	8	0	0	0	0	0	0	1	3	3	10	13	0	0	0	3	10	14	3	4	4	1	0	0	5	3	7	3		
	15	1009.6	-	9.0	2.7	7.9	69	6.6	0	2	2	19	7	0	0	0	0	0	0	0	5	9	11	5	0	0	2	17	10	1	3	4	1	0	0	2	9	5	5			
	21	1010.3	-	5.2	1.1	7.6	85	5.3	0	5	7	9	9	0	0	0	0	0	0	1	0	5	15	9	0	0	0	0	11	14	5	3	5	0	1	4	6	2	4			
6b ISLE OF MAN																																										
Ronaldsway																																										
21	3	1010.7	-	6.9	1.2	8.2	81	5.7	0	5	6	10	9	0	0	0	0	0	0	0	4	7	7	12	0	0	2	14	14	0	3	3	1	0	0	3	7	5	8			
	9	1011.4	-3.6	8.3	1.8	8.2	75	6.0	0	5	1	17	7	0	0	0	0	0	0	1	4	1	11	13	0	0	5	14	11	0	3	4	2	0	2	5	8	6				
	15	1011.3	-	10.1	2.6	8.3	67	5.7	0	5	5	14	6	0	0	0	0	0	0	0	1	5	12	13	0	0	1	20	9	0	1	3	3	0	1	9	5	8				
	21	1011.1	-	7.6	1.4	8.3	79	5.3	0	8	4	9	9	0	0	0	0	0	0	1	2	6	9	12	0	0	3	14	12	1	6	2	0	0	5	6	5	5				
Point of Ayr																																										
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	9	1010.9	-	8.3	1.3	9.0	82	5.6	1	2	11	9	7	0	0	0	0	0	0	0	4	3	9	14	0	0	4	14	11	1	3	4	1	1	1	5	10	4				
	15	1010.9	-	10.6	2.2	9.3	73	5.6	0	2	15	6	7	0	0	0	0	0	0	0	0	4	14	12	0	0	4	20	6	0	1	2	2	0	2	5	12	6				
	21	1010.6	-	7.7	1.0	9.0	85	4.9	0	6	11	6	7	0	0	0	0	0	0	0	0	5	12	13	0	0	4	2	19	8	1	2	4	0	1	3	7	6	6			
2 ENGLAND NE																																										
Acklington, Northumberland																																										
46	3	1009.3	-	5.5	0.8	8.0	88	6.1	1	4	4	5	16	0	0	0	0	0	0	0	3	9	8	10	0	0	1	5	22	2	8	0	1	1	4	5	5	4				
	9	1009.7	-4.2	8.0	1.5	8.5	79	6.2	0	2	7	14	7	0	0	0	0	0	0	1	0	3	10	10	6	0	1	14	15	0	7	5	0	1	3	3	8	3				
	15	1009.1	-	9.9	2.3	8.7	71	5.9	0	2	8	14	6	0	0	0	0	0	0	1	0	1	7	12	8	0	0	4	14	12	0	7	5	4	3	1	2	8	0			
	21	1010.0	-	6.6	1.0	8.4	86	5.2	2	5	6	8	9	0	0	0	0	0	0	0	0	4	13	9	4	0	0	7	16	7	7	2	0	1	4	4	4	1				
Tynemouth, Northumberland																																										
40	3	1009.9	-	6.4	1.0	8.1	84	5.9	2	2	7	6	13	0	0	0	0	0	0	0	0	12	17	0	0	0	6	11	13	0	6	2	0	0	8	0	13	1				
	9	1010.1	-4.4	7.6	1.4	8.5	81	6.3	0	2	6	12	10	0	0	0	0	0	0	1	8	7	13	0	0	0	7	12	8	3	9	1	0	0	4	3	7	3				
	15	1009.9	-	9.3	2.0	8.6	74	6.0	0	1	8	16	5	0	0	0	0	0	0	1	0	4	8	17	0	0	5	16	7	2	11	0	1	3	3	1	9	0	0			
	21	1010.6	-	7.9	1.2	8.9	83	5.9	1	3	5	10	11	0	0	0	0	0	0	0	0	3	15	12	0	0	0	2	15	11	2	8	3	0	0	4	8	5	0			
Seahouses, Northumberland																																										
12	3	1009.1	-	6.3	1.1	8.0	82	6.1	2	1	6	6	15	0	0	0	0	0	0	0	1	8	16	5	0	0	3	8	17	2	5	2	0	0	7	9	5	0				
	9	1009.4	-	7.9	1.6	8.4	79	5.7	0	4	7	9	10	0	0	0	0	0	0	2	3	6	14	5	0	0	2	11	15	2	7	3	0	0	4	3	9	2				
	15	1009.6	-	9.6	2.1	8.7	74	5.5	0	5	7	9	9	0	0	0	0	0	0	1	0	2	7	11	9	0	0	3	16	11	0	8	4	3	3	3	1	7	1			
	21	1009.9	-	7.4	1.4	8.4	81	5.6	0	5	7	8	10	0	0	0	0	0	0	0	4	5	12	9	0	0	0	9	19	2	6	2	1	1	5	7	4	2				
Leeming, Yorkshire N.R.																																										
33	3	1010.3	-	6.0	1.0	8.0	85	5.8	3	5	0	7	14	1	0	0	0	0	0	1	3	9	10	6	0	0	0	12	14	4	7	0	0	1	7	2	5	4				
	9	1010.5	-4.6	8.4	1.8	8.5	76	6.4	0	4	2	13	11	0	0	0	0	0	0	1	1	8	9	0	0	0	0	16	12	2	11	1	1	0	5	3	5	2				
	15	1010.3	-	11.1	3.0	8.5	64	6.2	0	3	2	20	5	0	0	0	0	0	0	0	3	0	15	12	0	0	1	16	11	2	2	8	0	1	3	3	9	2				
	21	1011.0	-	7.7	1.4	8.5	81	6.1	0	4	4	11	11	0	0	0	0	0	0	0	2	10	11	7	0	0	0	9	20	1	6	3	0	0	5	6	5	4				
Whitby Coastguard, Yorkshire N.R.																																										
66	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	9	1009.8	-	7.4	1.3	8.5	82	6.6	0	2	5	10	13	0	0	0	0	0	0	2	3	17	8	0	0	0	6	16	7	1	7	3	0	1	6	1	4	7				
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	21	1010.6	-	7.3	1.1	8.6	83	6.3	0	2	7	7	14	0	0	0	0	0	0	0	4	24	2	0	0	0	1	10	15	4	5	3	0	1	5	6	4	2				
Kilnsea, Yorkshire E.R.																																										
16	3	1010.3	-	6.4	0.8	8.5	87	5.2	2	5	9	1	13	0	0	0	0	0	0	1	0	1	28	0	0	0	8	15	4	3	4	3	1	1	4	4	7	3				
	9	1010.0	-4.9	7.6	1.1	8.8	83	6.5	0	1	6	11	11	0	0	0	0	0	0	1	3	5	20	0	0	0	2	12	8	8	0	6	7	0	1	2	5	6	3			
	15	1010.3	-	9.2	1.7	9.1	78	5.8	0	1	11	8	0	0	0	0	0	0	0	2	1	2	25	0	0	0	3	9	10	5	3	8	2	3	1	2	10	0				
	21	1010.5	-	7.5	1.1	8.7	83	6.3	0	3	5	9	13	0	0	0	0	0	0	1	0	3	25	0	0	0	7	15	6	2	4	4	3	0	5	2	9	1				
Waddington, Lincolnshire																																										
89	3	1010.7	-	5.9	0.9	8.1	86	5.3	5	3	2	10	10	0	0	0	0	0	0	3	10	14	3	0	0	0	0	17	13	0	5	2	1	0	5	9	3	5				
	9	1010.9	-4.5	7.8	1.4	8.5	80	6.8	0	1	4	11	14	0	0	0	0	0	0	4	6	8	11	1	0	0	0	20	10	0	7	2	1	0	2	6	8	4				
	15	1010.6	-	10.3	2.4	8.7	69	6.5	0	2	2	18	8	0	0	0	0	0	0	1	3	10	11	5	0	0	1	21	8	0	5	6	0	0	1	7	8	3				
	21	1011.5	-	7.5	1.3	8.5	81	6.2	1	2	4	14	9	0	0	0	0	0	0	0	1	9	11	9	0	0	0	14	16	0	5	3	2	1	5	10	4	0				
Binbrook, Lincolnshire																																										
109	3	1010.7	-	5.3	0.7	7.9	88	5.9	3	3	3	7	14	0	0	0	0	0	0	1	0	10	8	0	0	0	1	16	12	1	5	2	1	0	6	7	3	5				
	9	1010.7	-	7.4	1.3	8.5	82	6.7	0	2	3	14	11	0	0	0	0	0	0	1	0	7	12	7	3	0	3	15	12	0	8	3	1	0	3	6	5	4				
	15	1010.6	-	9.8	2.4	8.4	69	6.7	0	0	3	21	6	0	0	0	0	0	0	0	2	11	9	6	0	0	3	17	10	0	8	5	0	1	1	6	8	1				
	21	1011.5	-	6.7	1.1	8.3	84	6.3	0	0	4	14	9	0	0	0	0	0	0	0	0	8	16	5	1	0	0	18	10	2	5	4	1	0	5	9	3	1				
Manby, Lincolnshire																																										
14	3	1010.5	-	6.0	0.8	8.3	88	5.8	2	5	3	8	12	0	0	0	0	0	0	0	1	8	13	8	0	0	0	14	16	0	5	2	0	0	8	6	4	5				
	9	1010.7	-4.6	8.2	1.5	8.7	79	6.7	0	2	2	14	12	0	0	0	0	0	0																							



Table 4 Summary of observations at fixed hours

April 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility						wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
								mean	0	1 - 2	3 - 5	6 - 7												8	speed (kt)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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29	3	1011.7	-	6.1	0.7	8.5	89	5.4	3	5	4	7	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



Table 4 Summary of observations at fixed hours

April 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																									
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW							
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	6-7	4-5									1-3	calm					
																																							speed (kt)				
																																							11-21	1-10	0		
number of observations																																											
5 ENGLAND SE- continued																																											
Dungeness, Kent																																											
7	3	1012.3	-	-	-	-	-	5.0	5	0	11	3	11	0	0	0	0	0	0	1	5	7	8	9	0	9	13	7	1	6	3	1	2	5	9	2							
	9	1012.3	-	8.5	1.3	9.1	82	6.5	1	2	3	11	13	0	0	0	0	0	2	1	8	4	15	0	1	9	12	7	1	8	4	3	0	1	6	7	0						
	15	1012.1	-	-	-	-	-	6.3	0	2	5	12	11	0	0	0	0	0	0	5	6	16	3	1	7	16	6	0	3	9	1	1	2	8	4	2							
	21	1013.1	-	-	-	-	-	4.0	9	3	5	5	8	0	0	0	0	0	0	5	5	9	11	0	6	11	12	1	3	8	1	0	1	8	6	2							
Manston, Kent																																											
45	3	1012.0	-	6.8	0.9	8.6	87	5.9	1	6	2	8	13	0	0	0	0	0	1	10	4	11	4	0	0	16	14	0	6	5	0	1	2	8	5	3							
	9	1012.1	-	8.6	1.5	9.0	80	6.2	0	2	6	12	10	0	0	0	0	0	3	4	6	10	7	0	3	17	10	0	5	4	1	0	3	5	4	8							
	15	1011.8	-	10.5	2.4	9.0	71	5.9	0	6	3	10	11	0	0	0	0	0	0	5	6	9	10	0	3	16	11	0	11	3	1	1	2	8	4	3							
	21	1012.8	-	7.7	1.3	8.7	82	4.9	1	6	10	4	9	0	0	0	0	1	1	2	8	9	9	0	2	16	12	0	6	6	1	0	3	11	2	1							
Thorney Island, Sussex																																											
4	3	1012.7	-	7.2	0.9	8.9	86	5.1	4	5	3	5	13	0	0	0	0	0	2	7	12	9	0	0	4	14	11	1	4	5	1	1	1	6	5	6							
	9	1012.9	-3.6	9.0	1.8	8.7	75	6.0	0	3	5	16	6	0	0	0	0	0	1	5	8	11	5	0	6	15	9	0	5	5	1	0	0	6	6	4							
	15	1012.5	-	11.7	3.2	8.7	63	5.8	0	3	8	16	3	0	0	0	0	0	0	3	6	15	6	0	4	21	5	0	8	5	0	0	3	7	3	4							
	21	1013.4	-	8.7	1.5	9.0	80	4.8	4	6	2	12	6	0	0	0	0	0	6	14	10	0	0	2	13	15	0	9	3	2	0	1	8	4	3								
Eastbourne Coastguard, Sussex																																											
7	9	1012.4	-4.0	9.2	1.6	9.3	80	6.5	1	0	5	9	15	0	0	0	0	2	2	11	10	5	0	2	5	16	5	2	8	0	3	1	3	8	2	-							
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	21	1012.7	-	8.6	1.3	9.3	83	5.0	6	1	6	7	10	0	0	0	0	0	0	8	16	6	0	0	6	10	11	3	7	2	2	0	1	3	11	1							
Abingdon, Berkshire																																											
71	3	1012.2	-	6.3	0.9	8.4	86	5.9	5	0	3	8	14	0	0	0	0	0	0	7	14	9	0	0	0	12	17	1	5	3	0	1	4	6	2	8							
	9	1012.4	-3.8	8.7	1.9	8.4	74	6.4	0	2	5	16	7	0	0	0	1	0	8	6	12	3	0	0	0	17	13	0	6	4	0	0	4	2	9	5							
	15	1012.1	-	10.9	3.0	8.4	64	6.6	0	2	2	17	9	0	0	0	0	0	0	6	7	13	4	0	1	17	12	0	4	6	1	0	2	5	6	6							
	21	1013.1	-	7.8	1.4	8.5	79	5.6	0	6	4	12	8	0	0	0	0	0	9	8	12	1	0	0	7	23	0	7	3	0	2	3	8	3	4								
Hurn, Hampshire																																											
14	3	1012.6	-	6.8	1.0	8.6	86	4.9	6	2	7	4	11	0	0	0	0	0	1	11	16	2	0	0	1	13	13	3	5	4	0	0	2	5	8	3							
	9	1012.9	-3.4	9.4	2.3	8.3	70	5.5	0	4	7	14	5	0	0	0	0	0	2	4	9	15	0	0	1	22	7	0	6	7	1	0	0	4	8	4							
	15	1012.6	-	11.9	3.5	8.3	60	6.0	0	1	11	13	5	0	0	0	0	0	0	2	5	20	3	0	0	25	5	0	8	5	0	0	2	4	8	3							
	21	1013.3	-	8.4	1.7	8.6	77	4.7	1	9	6	8	6	0	0	0	0	0	2	8	12	7	1	0	0	7	22	1	7	3	1	1	1	8	4	4							
South Farnborough, Hampshire																																											
70	3	1012.2	-	6.4	0.7	8.7	89	5.4	5	4	1	6	14	0	0	0	0	0	2	8	9	10	1	0	0	11	16	3	2	6	1	0	2	7	5	4							
	9	1012.3	-4.0	8.8	1.7	8.8	77	5.9	1	5	4	9	11	0	0	0	0	0	1	5	8	7	9	0	0	19	11	0	4	7	1	0	1	5	6	6							
	15	1012.0	-	11.4	2.9	8.9	66	6.4	0	1	4	20	5	0	0	0	0	0	0	3	9	9	9	0	1	18	11	0	10	4	0	0	1	4	8	3							
Lyneham, Wiltshire																																											
149	3	1012.6	-	6.1	0.8	8.4	88	6.0	2	2	5	6	15	0	0	0	1	0	1	5	15	7	1	0	1	14	15	0	7	5	0	0	3	7	4	4							
	9	1012.8	-3.5	7.8	1.5	8.5	79	5.6	0	4	7	13	6	0	0	0	0	1	0	5	17	2	0	0	3	21	6	0	8	4	0	0	6	10	2	-							
	15	1012.4	-	10.3	2.5	8.7	69	6.1	0	1	7	15	7	0	0	0	0	0	0	4	7	13	6	0	3	20	7	0	8	5	0	1	0	6	7	3							
	21	1013.2	-	7.3	1.3	8.4	81	5.8	0	3	7	14	6	0	0	0	0	0	6	13	10	1	0	0	0	12	18	0	8	3	1	0	2	10	3	3							
Boscombe Down, Wiltshire																																											
128	3	1012.6	-	6.0	0.8	8.4	88	5.2	4	4	6	4	12	0	0	0	0	0	1	6	19	4	0	0	0	14	14	2	5	3	1	0	3	3	6	7							
	9	1012.7	-3.7	8.5	1.8	8.4	75	5.8	0	3	6	18	3	0	0	0	0	0	0	4	13	12	1	0	2	21	7	0	10	4	2	0	0	4	6	4							
	15	1012.4	-	10.8	2.9	8.4	65	6.3	0	1	5	16	8	0	0	0	0	0	3	8	12	7	0	0	4	19	7	0	9	4	1	0	1	4	6	5							
	21	1013.3	-	7.4	1.4	8.3	81	4.9	1	6	10	5	8	0	0	0	0	0	1	6	13	10	0	0	0	13	17	0	4	7	2	0	2	5	7	3							
Upavon, Wiltshire																																											
177	9	1012.7	-	8.0	1.5	8.5	79	5.8	0	4	6	15	5	0	0	0	0	0	7	16	7	0	0	2	15	11	2	7	4	2	0	0	4	8	3								
	15	1012.4	-	10.4	2.4	8.8	69	6.6	0	1	2	21	6	0	0	0	0	0	3	11	12	4	0	0	1	17	11	1	8	6	1	0	1	2	10	1							
	21	1013.4	-	6.9	1.0	8.5	84	5.2	2	3	9	10	6	0	0	0	1	0	0	10	9	9	1	0	0	11	16	3	6	3	0	2	1	8	4	3							
7a ENGLAND NW																																											
Carlisle, Cumberland																																											
28	3	1010.0	-	5.6	0.7	8.2	89	5.8	1	3	7	7	11	1	0	1	0	0	0	8	10	7	4	0	0	8	18	4	3	1	4	0	6	7	3	2							
	9	1010.4	-4.4	8.1	1.6	8.5	79	6.1	0	2	5	10	5	0	0	0	2	0	4	13	7	4	0	1	11	12	6	3	3	1	1	1	4	9	2								
	15	1010.0	-	10.9	2.7	8.7	67	6.2	0	2	5	19	4	0	0	0	0	0	2	6	9	13	0	1	14	15	0	1	6	1	0	0	14	7	1								
	21	1010.5	-	7.5	1.3	8.4	81	5.5	0	5	6	11	8	0	0	0	0	0	3	9	11	7	0	0	10	19	1	2	4	3	1	3	10	5	1								
Squires Gate, Lancashire																																											
11	3	1010.8	-	6.5	0.8	8.6	88	5.6	4	2	4	12	8	0	0	0	0	1	4	11	13	1	0	3	15	12	0	1	4	2	0	5	3	7	8								
	9	1011.5	-3.7	8.4	1.4	8.9	81	6.1	0	2	6	16	6	0	0	0	0	1	5	18	3	3	0	2	16	12	0	4	5	1	0	3	1	9	7								
	15	1011.4	-	10.2	1.9	9.4	76	6.4	0	0	6	19	5	0	0	0	0	0	2	9	14	5	0	3	22	5	0	1	4	1	0	1	4	7	12								
	21	1011.6	-	7.7	1.1	8.9	84	5.7	0	5	3	17	5	0	0	0	0	0	3	23	4	0	0	1	19	10	0	3	2	4	0	4	4	7	6								
Speke, Lancashire																																											
26	3	1011.0	-	7.0	1.0	8.7	86	4.7	1	8	8	6	7	0	0	0	0	1	4	17	7	1	0	3	14	13	0	2	6	0	1	4	3	7	7								
	9	1011.5	-4.0	8.9	1.6	9.1	79	5.9	0	2	8	14	6	0	0	0	0	1	8	12	5	4	0	2	19	9	0	3	3	2	1	2	1	9	9								
	15	1011.3	-	11.0	2.4	9.3	71	6.1	0	2	5	20	3	0	0	0	0	0	0	18	7	5	0	2	23	5	0	1	2</														



Table 4 Summary of observations at fixed hours

April 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																						
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1-2	3-5	6-7												8	8 or more	6-7	4-5	1-3									calm					
																																						speed (kt)				
																																						34 or more	22-33	11-21	1-10	0
number of observations																																										
8a SOUTH WALES - continued																																										
Rhoose, Glamorgan																																										
69	3	1012.7	-	6.5	0.9	8.4	86	5.3	3	5	4	7	10	1	0	0	0	1	0	4	18	4	2	0	3	12	15	0	3	6	0	1	2	2	13	3						
	9	1012.9	-3.4	8.9	2.0	8.5	74	4.9	0	8	8	7	7	0	0	0	0	0	1	5	15	8	1	0	3	17	9	1	2	6	0	0	2	4	11	4						
	15	1012.7	-	11.0	3.0	8.4	64	5.9	0	2	9	15	4	0	0	0	0	0	0	6	16	7	4	0	3	21	6	0	2	6	1	0	1	0	16	4						
	21	1013.0	-	8.2	1.6	8.5	77	5.6	2	2	8	9	9	0	0	0	1	0	0	4	19	5	1	0	2	14	13	1	3	5	0	1	5	0	6	6						
8b ENGLAND SW																																										
Yeovilton, Somerset																																										
23	3	1013.2	-	7.0	1.1	8.5	83	5.1	7	3	1	5	14	0	0	0	0	0	3	18	9	0	0	0	1	17	7	5	4	2	2	0	3	4	7	3						
	9	1013.3	-	9.5	2.3	8.4	70	5.5	0	4	9	12	5	0	0	0	0	0	1	11	11	7	0	0	6	17	2	5	6	4	0	0	5	7	3							
	15	1013.2	-	12.0	3.6	8.2	58	6.1	0	1	9	15	5	0	0	0	0	0	2	6	13	9	0	0	4	24	2	0	8	4	0	0	2	2	7	7						
	21	1013.6	-	8.8	2.0	8.4	74	4.7	3	8	3	6	10	0	0	0	1	0	0	9	19	1	0	0	0	16	11	3	5	3	1	0	4	8	3	3						
Portland Bill Coastguard, Dorset																																										
54	3	1013.0	-	7.7	0.7	9.5	90	4.2	7	3	7	4	9	0	0	0	0	0	2	10	14	4	0	2	6	13	6	3	7	5	1	0	1	3	8	2						
	9	1013.2	-	8.8	1.2	9.5	84	4.5	1	7	11	6	5	0	0	0	0	0	1	12	10	7	0	1	6	17	5	1	8	3	3	0	0	4	9	1						
	15	1013.2	-	10.9	1.8	10.2	79	5.2	0	5	8	14	3	0	0	0	0	0	1	9	11	9	0	1	5	17	6	1	8	4	0	2	1	4	5	6						
	21	1013.5	-	8.7	1.0	9.7	86	5.1	3	6	3	8	9	1	0	0	2	0	0	7	16	5	0	0	5	18	7	0	5	8	0	0	2	4	7	4						
Hartland Point, Devon																																										
93	3	1013.2	-	7.8	0.6	9.7	91	5.0	3	4	8	5	9	1	0	1	0	0	0	2	15	11	1	3	8	9	9	1	6	8	0	0	2	9	4							
	9	1013.6	-	8.5	1.0	9.6	86	5.7	0	2	10	12	5	1	0	1	0	0	0	3	15	11	0	2	9	10	8	1	6	9	0	0	0	4	9	1						
	15	1013.2	-	9.2	1.1	9.9	85	5.7	1	2	9	8	9	1	0	1	0	0	0	2	19	8	0	2	5	13	8	2	5	5	0	1	0	2	11	4						
	21	1013.6	-	8.4	0.8	9.9	90	5.2	4	3	7	8	7	1	1	0	0	0	0	4	15	9	1	2	6	11	10	1	8	5	0	0	0	3	11	2						
Mount Batten, Devon																																										
30	3	1013.9	-	7.7	0.9	9.1	86	5.0	3	3	8	8	8	0	0	0	0	0	1	8	19	2	0	1	4	11	11	3	6	5	1	0	2	4	6	3						
	9	1014.4	-2.1	9.5	1.8	9.1	76	5.2	0	6	8	10	6	0	0	0	0	0	2	6	11	10	1	1	6	13	10	0	5	7	1	0	1	5	7	4						
	15	1014.2	-	11.2	2.7	9.1	68	6.2	1	1	4	18	6	0	0	0	0	0	1	3	5	17	4	0	7	16	7	0	4	3	2	1	2	8	4	6						
	21	1014.5	-	8.9	1.5	9.1	79	5.2	4	2	5	12	7	0	0	0	0	0	1	7	15	6	1	0	4	13	13	0	9	4	0	0	2	5	9	1						
Chivenor, Devon																																										
7	3	1013.2	-	7.4	1.0	8.8	85	4.7	3	6	5	11	5	0	0	0	0	1	0	6	18	5	0	0	3	14	8	5	4	1	5	0	2	3	8	2						
	9	1013.9	-2.3	9.4	1.9	8.9	75	5.7	0	3	7	16	4	0	0	0	0	0	0	4	7	16	3	0	3	18	8	1	6	5	2	1	0	4	7	4						
	15	1013.7	-	11.2	2.8	8.8	67	5.7	0	4	6	15	5	0	0	0	0	0	1	2	8	15	4	0	3	24	3	0	3	3	3	1	1	10	8	0						
	21	1013.7	-	8.8	1.6	9.0	79	5.7	1	1	9	12	7	0	0	0	0	0	1	3	13	12	1	0	3	12	14	1	5	2	4	0	2	4	9	3						
Prawle Point, Devon																																										
-	3	-	-	-	-	-	-	4.7	4	5	6	4	10	1	0	1	0	1	0	1	15	11	1	0	4	7	16	3	0	8	4	2	0	0	4	9	3					
	9	-	-	-	-	-	-	5.5	0	3	9	11	7	0	0	0	0	1	2	11	15	1	0	4	10	7	9	0	5	4	5	0	0	4	7	5						
	15	-	-	-	-	-	-	5.5	1	1	12	9	7	0	0	0	0	0	0	0	12	16	2	0	5	7	14	4	0	2	2	5	2	0	2	14	3					
	21	-	-	-	-	-	-	4.7	2	8	7	4	9	0	0	0	0	0	0	0	14	15	1	0	4	7	14	5	0	8	3	1	0	2	3	11	2					
Exeter, Devon																																										
38	3	1013.3	-	7.1	0.9	8.9	87	4.7	3	8	3	7	9	0	0	0	0	0	0	6	16	7	1	0	4	9	12	5	3	5	0	0	4	2	5	6						
	9	1013.6	-2.9	9.2	1.7	9.2	78	5.1	0	6	7	13	4	0	0	0	0	0	0	3	6	15	6	0	3	20	4	3	3	5	0	0	1	3	5	9						
	15	1013.3	-	11.7	2.7	9.3	68	6.2	0	2	5	21	2	0	0	0	0	0	1	5	13	11	0	0	2	25	3	0	4	5	0	1	1	3	5	11						
	21	1013.9	-	8.3	1.3	9.1	82	4.7	1	7	8	6	8	0	0	0	0	0	3	9	15	3	0	0	0	11	18	1	1	3	1	0	5	5	7	7						
Scilly, Cornwall																																										
61	3	1014.7	-	8.5	0.8	9.9	89	4.6	4	4	6	2	11	1	0	0	1	0	2	6	8	12	1	2	7	12	9	0	9	3	2	0	1	5	7	3						
	9	1015.8	-0.5	9.7	1.4	9.8	81	4.7	0	5	13	7	4	1	0	2	0	0	0	9	10	7	2	0	5	19	6	0	7	5	2	0	1	2	9	4						
	15	1015.5	-	10.4	1.8	9.8	77	4.9	0	4	15	5	4	2	0	0	2	0	0	7	12	8	1	0	5	17	8	0	6	5	1	0	1	7	6	4						
	21	1015.0	-	8.7	1.0	9.7	86	4.8	0	9	7	6	7	1	0	0	1	0	3	7	11	7	1	0	6	13	10	1	6	5	0	1	3	6	4	4						
Gwennap Head, Cornwall																																										
70	3	1014.2	-	8.0	0.4	10.2	95	4.8	6	4	4	5	10	1	0	1	0	0	0	9	10	10	0	4	8	12	6	0	9	4	1	1	0	7	5	3						
	9	1014.9	-	9.2	0.7	10.5	91	4.5	3	6	8	6	5	2	0	2	0	0	0	8	14	5	1	0	6	20	4	0	9	5	1	1	0	4	8	2						
	15	1014.6	-	10.3	1.1	10.7	85	5.3	0	5	8	10	5	2	0	2	0	0	0	8	14	5	1	0	8	16	6	0	5	4	0	2	0	10	3	6						
	21	1014.4	-	8.3	0.4	10.3	94	4.5	3	8	5	3	9	2	0	1	0	0	1	6	11	10	1	0	9	16	3	2	5	5	0	0	0	10	5	3						
St Mawgan, Cornwall																																										
107	3	1014.2	-	7.4	0.8	9.1	88	5.1	5	4	2	10	8	1	0	1	0	0	1	10	15	3	0	0	5	10	14	1	8	2	4	0	2	3	9	1						
	9	1014.7	-1.4	8.9	1.5	9.2	80	5.5	0	5	9	10	6	0	0	1	0	0	0	7	12	10	0	0	2	22	6	0	9	6	1	1	0	3	9	1						
	15	1014.6	-	10.5	2.4	9.0	71	6.1	0	2	5	18	4	1	0	1	0	0	0	4	6	16	3	0	5	24	1	0	6	3	1	1	1	3	8	7						
	21	1014.6	-	8.2	1.0	9.4	86	5.7	0	6	3	12	9	0	0	0	0	2	1	5	18	4	0	0	1	15	13	1	7	3	2	0	3	6	5	3						
NORTHERN IRELAND																																										
Moneydir, Co. Londonderry																																										
35	9	1010.8	-	8.4	1.3	9.2	83	5.7	0	3	9	12	6	0	0	0	0	0	0	6	12	12	0	0	0	13	17	0	3	2	3	2	3	4	9	4						
	15	1010.4	-	10.9	2.2	9.5	73	6.0	0	4	5	14	7	0	0	0	0	0	0	3	6	21	0	0	1	17	12	0	5	2	3	0	3	5	8	4						
	21	1010.1	-	7.1	0.9	8.9	87	5.4	2	4	5	11	8	0	0	0	0	0	5	20	5	0	0	1	10	19	0	3	0	0	0	5	4	11	7							
Aldergrove, Co. Antrim																																										
73	3	1010.7	-	5.9	0.6	8.5	90	5.1	3	5	5	7	10	0	0																											



Table 5 Number of days with maximum and minimum temperatures between given limits

April 1972

Station	maximum °C								Station	maximum °C								minimum °C																
	0.0 or less	0.1 to 5.0	5.1 to 10.0	10.1 to 15.0	15.1 to 20.0	20.1 to 25.0	25.1 to 30.0	above 30.0		0.0 or less	-15.0 or less	-14.9 to -10.0	-9.9 to -5.0	-4.9 to 0.0	0.1 to 5.0	5.1 to 10.0	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 (psychrometer) .. ..	0	0	29	1	0	0	0	0	Edgbaston .. .. .	0	0	7	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lerwick (large screen) .. ..	0	0	30	0	0	0	0	0	Kew (psychrometer) .. ..	0	0	3	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stornoway .. .. .	0	0	15	15	0	0	0	0	Kew (north-wall screen) ..	0	0	3	26	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Craibstone .. .. .	0	0	10	20	0	0	0	0	Hastings .. .. .	0	0	2	27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothsay .. .. .	0	0	9	21	0	0	0	0	Southampton .. .. .	0	0	0	26	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abbotsinch .. .. .	0	0	3	24	3	0	0	0	Stonyhurst .. .. .	0	0	8	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eskdalemuir (psychrometer) ..	0	0	14	15	1	0	0	0	Rhyl .. .. .	0	0	8	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eskdalemuir (large screen) ..	0	0	13	16	1	0	0	0	Valley .. .. .	0	0	2	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Douglas .. .. .	0	0	13	17	0	0	0	0	Rhoose .. .. .	0	0	1	28	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Acklington .. .. .	0	0	5	24	1	0	0	0	Falmouth .. .. .	0	0	1	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gorleston .. .. .	0	0	12	17	1	0	0	0	Aldergrove .. .. .	0	0	3	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cambridge Botanic Gardens	0	0	4	23	3	0	0	0	Armagh .. .. .	0	0	1	25	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table 6 Summary of autographic records of wind

April 1972

District, county and place	height of vane (metres)			distribution of hourly mean values of wind speed										highest velocities					
	above MSL	above ground	effective height	34 kt or more (gale force)					22-33 kt					highest hourly wind			highest gust		
				dates of occurrence	duration (hours)	no. of days	duration in hours					mean speed (kt)	veer from N	speed (kt)	hour ended at day	hour	veer from N	speed (kt)	day and time
0 SCOTLAND N																			
Zetland Lerwick ..	93	10	10	3, 29	0	9	42	378	237	63	0	11.9	090	27	10	24	250	43	2 2110
Orkney Kirkwall ..	41	15	10		0	8	41	392	242	45	0	12.5	250	27	03	24	250	49	3 0255
Caithness Downreay ..	34	12	9		0	8	21	333	324	34	8	11.1	290	32	3	13	290	50	3 1200
Wick ..	45	10	10		0	3	15	331	286	88	0	10.3	290	30	3	13	290	45	3 1230
Sutherland Shin ..	24	10	10		0	11	78	412	186	44	0	13.2	170	33	29	11	290	53	3 0930
Ross & Stornoway Airport	12	10	10		0	8	50	309	300	61	0	11.1	280	31	3	10	280	50	3 0925
Cromarty Duirinish ..	38	20	17		2	11	65	353	280	20	0	12.2	270	34	3	08	280	60	3 0805
Inverness Benbecula ..	16	10	10		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Corrach ..	23	15	12		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fort Augustus (Hydro electric Board)	58	16	16		0	1	1	153	314	252	0	6.3	230	22	5	14	230	41	5 1355
Dalcross ..	19	10	10	Defective record	0	3	6	270	339	105	0	9.3	230	23	2	03	260	45	3 1120
Cairngorm ..	1075	10	10		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1 SCOTLAND E																			
Moray Kinloss ..	18	13	13	Defective record	0	4	16	372	282	50	0	11.0	240	31	3	12	240	47	3 1050
Lossiemouth ..	21	24	18		0	8	21	299	286	114	0	10.0	300	32	3	13	270	49	5 1640
Aberdeen Dyce ..	72	10	10		0	15	58	368	180	114	0	11.9	280	28	03	13	280	47	3 1245
Fraserburgh ..	29	13	11		0	10	71	358	240	46	5	12.8	260	32	3	13	—	46	14 1310
Angus Bell Rock ..	39	40	38		0	17	84	379	177	80	0	13.2	260	29	2	22	240	40	3 0550
Perth Rannoch ..	307	17	17		0	1	3	206	376	102	33	8.5	290	25	3	12	290	38	3 1125
Tummel Bridge ..	161	16	16		0	0	0	110	378	229	5	5.9	—	21	6	13	250	41	3 0955
Fife Leuchars ..	25	13	13		0	4	19	302	326	73	0	10.1	250	29	6	12	260	43	6 1155
Midlothian Turnhouse ..	43	13	10		0	4	22	283	335	80	0	9.8	260	27	6	14	250	41	6 1345
6a SCOTLAND W																			
Argyll Tiree ..	24	16	12	9, 29	7	11	94	393	190	36	0	14.0	180	38	9	22	180	50	9 2050
Machrihanish ..	23	13	13		0	14	52	402	211	55	0	12.7	280	29	5	7	190	45	9 2305
Dunstaffnage ..	13	10	10		0	1	5	241	348	126	0	8.7	240	25	3	9	240	46	2 1930
Dunbarton Cumbernauld ..	166	10	10		0	7	32	303	305	80	0	10.5	270	27	3	13	260	41	5 1220
Renfrew Paisley ..	57	25	9		0	1	1	179	307	233	0	7.0	190	22	28	24	300	49	3 1100
Abbotsinch ..	16	10	10		0	3	13	285	371	51	0	10.0	270	26	3	13	270	45	3 1020
Ayr Ardrossan ..	24	20	—		0	12	44	324	278	66	8	11.2	190	29	9	24	210	46	9 2320
Hunterston ..	13	10	10		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Prestwick ..	21	10	10		0	1	2	317	305	96	0	9.8	230	23	3	6	240	47	3 0740
Dumfries Eskdalemuir ..	259	10	10		0	11	49	280	258	133	0	10.3	260	32	3	11	260	53	3 1120
Wigtown West Freugh ..	25	10	10	Defective record	0	5	8	366	256	90	0	10.4	200	28	10	01	200	46	10 0025
6b ISLE OF MAN					0	12	58	366	256	40	0	12.4	190	33	10	01	190	48	10 0100
Ronaldsway ..	25	10	10	—	0	16	89	448	166	17	0	14.6	240	31	2	12	310	47	14 2315
Point of Ayre ..	20	10	10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2 ENGLAND NE																			
Durham Durham ..	119	16	10	Defective record	0	4	23	297	295	105	0	10.1	270	26	5	11	270	48	6 1220
South Shields ..	22	17	13		0	7	20	281	277	142	0	9.6	330	26	12	03	330	39	12 0230
Yorks N.R. Leeming ..	42	10	10		0	6	19	307	282	112	0	10.0	270	25	2	19	180	41	30 1815
Middlesbrough ..	23	19	19		0	15	78	375	197	66	4	12.8	220	27	2	13	240	47	2 1750
Lincoln Waddington ..	80	10	10		0	5	10	400	296	14	0	11.5	240	24	2	15	260	40	6 0600
Cranwell ..	77	13	13		0	9	61	421	222	16	0	13.3	250	29	7	17	230	42	6 0450
Coningsby ..	16	10	10		0	9	39	398	251	32	0	12.2	250	27	7	17	270	46	6 0625
Binbrook ..	118	10	10		0	12	53	391	213	63	0	12.7	230	31	2	14	180	45	30 1600
Manby ..	26	10	10		0	6	10	385	274	51	0	11.2	260	24	5	10	240	38	2 1515
3 ENGLAND E																			
Norfolk Marham ..	29	10	10	Defective record	0	6	15	433	225	47	0	12.0	270	25	6	9	270	38	6 0835
West Raynham ..	93	17	14		0	10	67	412	218	23	0	13.4	230	27	2	17	270	43	6 0825
Coltishall ..	27	10	10		0	0	0	388	266	66	0	10.5	270	21	6	08	270	35	6 0730
Gorleston ..	16	13	13		0	10	50	413	223	31	3	13.1	190	30	10	10	190	45	10 1010
Suffolk Honington ..	60	13	13		0	5	15	416	245	44	0	11.5	270	27	6	10	260	41	6 0830
Wattisham ..	104	16	10		0	7	45	449	190	36	0	13.0	270	30	6	09	230	45	7 1625



Table 6 Summary of autographic records of wind

April 1972

District, county and place			height of vane (metres)			distribution of hourly mean values of wind speed										highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
			above MSL	above ground	effective height	34 kt or more (gale force)				22-33 kt		11-21kt	4-10kt	less than 4kt	no record																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
						dates of occurrence	duration (hours)	no. of days	duration in hours	mean hourly wind speed (kt)	veer from N	speed (kt)	hour ended at day hour	veer from N	speed (kt)		day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table 3 Additions and corrections

Year	Month	Station	max. min. terminal h. (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
1950*	May	St Abb's Head			48.8	45.0	46.9																											
1960*	Annual	St Abb's Head			51.3	42.9	47.1																											
1963	August	Dungeness															1.58	10																
1968	January	Mylnfield											0.3																					
	Annual	Mylnfield										7.7																						
1971	March	Houghall			10.1	2.3	6.2	+0.9																										
	Annual	Houghall			12.1	4.7	8.4	-0.2																										
	July	Watnall															35																	
		St James Park													21	35	11	27																
	August	Birmingham KES																30																
		Point of Ayre																																
		Faversham													82		27	19																
		Plumpton													95				18	12														
	October	Aylesbury													78	121																		
	November	Birmingham KES													81	103	17	20																
		Oaken													83				12	10														
		Mansfield																12																
		Stratford-on-Avon													62	107			14	10														
**	September	Sandown			19.8	12.3	16.1	+0.6	21.8	4	7.3	16	-	-	21	34	7	26	6	5	0	-	0	0	0	0	0	-	-	7.98	-	-	-	
	October				16.7	10.2	13.5	+1.3	19.9	2	3.1	7	-	-	49	55	20	16	2	2	0	-	0	0	0	0	0	-	-	5.38	-	-	-	
	November				11.3	4.3	7.8	-0.9	17.3	1	-1.6	20	-	-	65	68	18	20	7	7	0	-	0	0	0	0	2	-	-	4.14	-	-	-	
	December				9.7	5.8	7.7	+1.2	13.1	20, 21	0.3	1	-	-	19	22	6	19	7	7	0	-	0	0	0	0	0	-	-	1.14	-	-	-	
	Annual				(14.4)	8.1	(11.3)	(+0.4)	27.0		-5.5				650	84	60	June 10	81	79	1	-	0	0	3	2	13	-	-	5.47	-	-	-	
	November	Binbrook																																
	January	Silpho Moor														103																		
	February															38																		
	March															111																		
	April															163																		
	May															60																		
	June															153																		
	July															46																		
	August															142																		
	September															40																		
	October															63																		
	November															131																		
	January	Rustington			7.8	2.6	5.2	-	10.6	23	-6.3	2	-	6.8	86	109	9	16	22	16	-	1	-	-	-	-	8	-	-	1.72	-	-	-	
	February				8.4	(1.3)	(4.9)	-	10.8	23, 24	-3.3	16	-	7.2	17	32	6	14	8	5	-	0	-	-	-	-	(10)	-	-	2.67	-	-	-	
	March				8.9	(1.6)	(5.3)	-	13.3	30	-5.6	7	-	6.8	57	118	16	14	7	7	-	0	-	-	-	-	(10)	-	-	3.74	-	-	-	
	April				11.9	4.2	8.1	-	20.8	21	-1.1	18	-	8.8	44	91	18	23	5	4	-	0	-	-	-	-	2	-	-	5.11	-	-	-	
	May				17.2	6.8	12.0	-	23.6	14	0.3	3	-	11.7	38	84	14	15	10	9	-	0	-	-	-	0	-	-	8.04	-	-	-		
	June				17.2	8.9	13.1	-	24.6	3	5.0	13	-	13.7	133	333	32	14	10	9	-	0	-	-	-	0	-	-	5.21	-	-	-		
	July				21.8	11.6	16.7	-	27.8	9	5.8	14	-	16.1	20	35	9	27	5	3	-	0	-	-	-	0	0	-	-	7.98	-	-	-	
	August				19.4	12.5	15.9	-	22.5	18	5.0	17	-	16.3	93	156	24	20	18	12	-	0	-	-	-	0	0	-	-	3.93	-	-	-	
	September				19.7	8.4	14.1	-	23.9	8	2.1	12	-	15.3	2	3	2	24	1	1	-	0	-	-	-	0	0	-	-	6.45	-	-	-	
	October				16.8	7.4	12.1	-	21.8	2	-0.2	8	-	13.7	58	74	20	13	7	5	-	0	-	-	-	2	4	-	-	4.83	-	-	-	
	November				11.0	2.3	6.7	-	15.6	2, 4	-1.8	20	-	11.1	79	89	20	22	9	8	-	0	-	-	-	5	17	-	-	3.31	-	-	-	

\* 1950-60 Temperatures in ° Fahrenheit and Rainfall in inches.

\*\* Insert data for Sandown after Shanklin.

\* 1950-60 Temperatures in ° Fahrenheit and Rainfall in inches.

\*\* Insert data for Sandown after Shanklin.

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DUPLICATE

THE METEOROLOGICAL OFFICE

**MONTHLY WEATHER**

COMPILED FROM RETURNS OF OFFICIAL AND VOLUN



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MET. O. 852

UDC 551 506 1 (41-4)

**MAY**  
VOLUME 89**1972**  
NUMBER 5**Changeable, cool and dull**

Atlantic depressions and their associated troughs of low pressure frequently crossed over or near the British Isles although the troughs were often weak in eastern areas. A short anticyclonic spell occurred for a few days around mid-month but pressure soon became relatively low again and particularly deep depressions occurred from the 23rd to 29th.

**Weather**

Generally changeable weather with winds frequently from the north and west led to a cool month, especially in western and southern districts. The last week or so was particularly changeable and strong winds in many areas made the cool weather feel even cooler. In eastern England strong winds on the 26th and 27th raised dust storms in the fens and caused a certain amount of damage to young crops. Sunshine amounts were mostly below average.

**Wind**

Winds during the month were often fresh or strong, especially on coasts where, in general, there were gales on more days than average. However, during the period 23rd to 29th deep and mobile depressions brought very windy weather to most districts; gales and strong gusts were reported frequently. On the evening of the 25th a gust of 63 kt occurred at Kilkeel (Co. Down) while at the upland station of Great Dun Fell (Westmorland) the mean wind speed reached 60 kt and a gust of 80 kt was recorded there at about the same time.

**Temperature**

Most of north Scotland together with small areas in east Scotland and eastern England were slightly warmer than average. Elsewhere monthly mean temperature was below average. Although temperature deficits in most areas were not large they reached 1.5 to 2.0 degC locally in mid-Wales, the West Country and on the Isle of Wight. The monthly mean temperature of 10.5°C recorded at Plymouth Hoe (Devon) and Sandown (Isle of Wight) made it the coolest May at these places since 1941, although it was equally cool at Plymouth Hoe in May 1968. Taking a broad view, temperatures in western areas, particularly in England and Wales, were below average for much of the month especially by day, while eastern districts had periods with temperatures above average. On the 2nd the temperature at Brighton (Sussex) reached 22.0°C but on the morning of the 8th slight frost occurred in parts of southern England. Overnight on the 10th/11th air frost occurred in parts of Scotland while ground frost was recorded more widely, and air frost occurred again on the 15th/16th

and 16th/17th in a number of areas. The last week or so was especially cool, particularly in the south and west.

**Rainfall**

Rainfall was above average in most areas of the United Kingdom and approached or exceeded twice the average in a few localities in west Scotland, Northern Ireland, Wales and western and southern England. In Perthshire it was the wettest May at Loch Dhu since 1925 and at Lochs Rannoch and Vennachar since 1931. However, many parts of eastern England had below average rainfall, while in Scotland rainfall failed to reach half the average in areas adjacent to the Pentland and Moray Firths. Rain was a frequent occurrence during the month although amounts were often small, especially in the east; stations in some areas recorded rainfall on almost every day with the notable exception of north Scotland. Much of the rain during the month fell in the form of showers some of which were heavy and thundery. Thunderstorms occurred on many days but they were usually local in character; there were a few reports of damage to buildings due to lightning strikes. On the 11th heavy frontal rain fell in Northern Ireland, Wales and western England and from the 23rd to 26th periods of heavy rain occurred more widely. During the latter spell a succession of frontal troughs crossed the British Isles and rain was heaviest in the west and north, notably on the 25th and 26th. In Scotland during the 24 hours commencing at 09 GMT on the 25th there were many rainfall totals in excess of 60 mm. These included 118.7 mm at Cononish (Perthshire), 79.8 mm at Auchinver (also in Perthshire) and 84.9 mm at Glendouglas (Dunbartonshire). In a similar period on the 26th a rainfall of 69.0 mm was recorded at Lake Vyrnwy (Montgomeryshire).

**Snow**

Occurrences of snow or sleet (rain or drizzle and snow) were confined almost exclusively to the Scottish Highlands and were insignificant; they occurred around the 7th, 24th and 29th. New snow settled for a time and the Cairngorms retained continuous snow cover throughout the month. Fresh snow was reported lying high on the northern slopes of the Brecon Beacons in Wales on the 12th and 13th.

**Sunshine**

Sunshine duration over the month was below average in most districts but generally only by small amounts. However, a few areas were much duller than average. For example it was the duller May on record at the following places: Fort William (Inverness-shire) since 1891, Inverness since 1911, Llety-evan-hen (Cardiganshire) since 1933, and Leckford (Hampshire) since 1936. The sunshine average was just exceeded only at one or two stations in north Scotland and eastern England.

**Fog**

On the 6th morning fog patches were reported in the east Midlands and East Anglia, and hill fog occurred widely for a time. On the same day sea fog affected many coasts at first and persisted throughout much of the day in east Scotland, and in north-east and south-west England. Sea fog affected the Shetland Islands for most of the 10th and coasts in south-west England on the 24th.

**Miscellaneous phenomena**

The aurora was reported by observers in Scotland on 4 nights.

Table 1 District values

May 1972

May 1972

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max. †	Lowest Min. †	max.	min.	mean				
0 Scotland N	17.5	0.2	+0.2	+0.3	+0.3	—	—2	111	73
1 Scotland E	18.4	1.6	—0.3	+0.3	0.0	+0.1	+4	119	78
2 England N E	20.0	—1.8	—0.6	+0.2	—0.2	+0.4	+5	115	93
3 England E	20.0	2.1	—0.8	+0.3	—0.3	+0.5	+6	81	96
4 Midlands	18.8	2.3	—1.5	+0.2	—0.7	—0.4	+7	114	79
5 England S E	20.6	—1.1	—1.5	—0.3	—0.9	—0.5	+8	111	84
6 Scotland W	18.5	—1.0	—1.1	+0.2	—0.4	—0.2	+4	148	73
7 Eng N W - Wales N	17.7	1.2	—1.4	+0.1	—0.6	—0.8	+5	115	74
8 Eng S W - Wales S	16.7	0.5	—2.2	—0.3	—1.2	—0.8	+6	139	78
N Ireland	17.0	0.7	—1.7	—0.6	—1.1	—	+5	158	75
Scotland	18.5	—1.0	—0.4	+0.2	0.0	—	+2	125	75
Eng - Wales	20.6	—1.8	—1.3	0.0	—0.6	—	+6	115	84

† Highest max. and lowest min. of the District Value Stations.

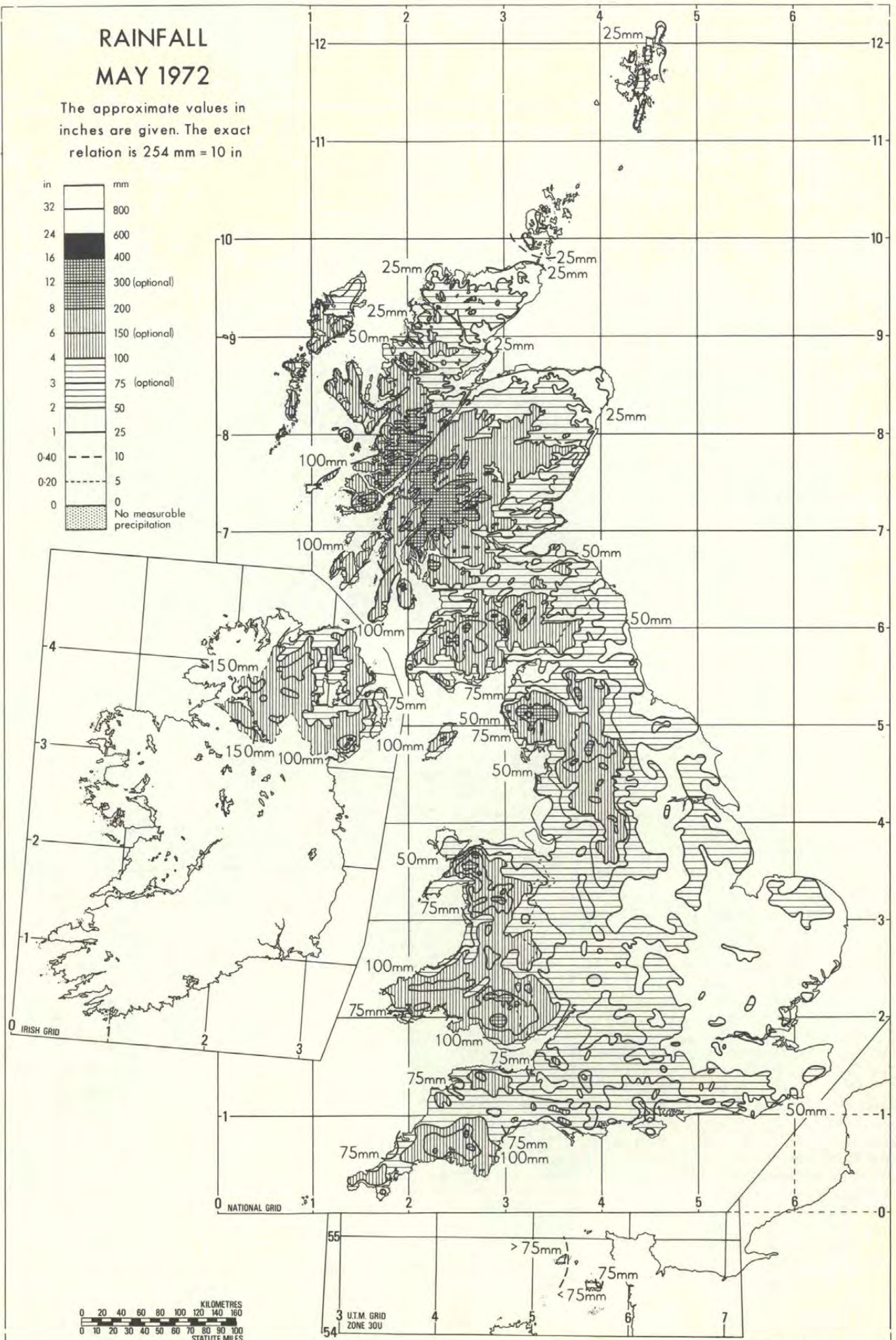
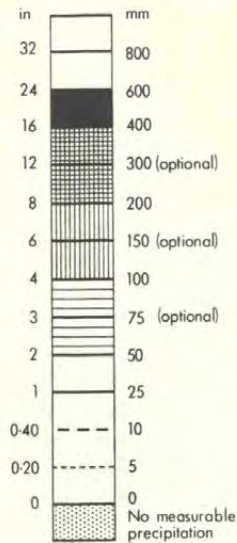
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# RAINFALL

## MAY 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





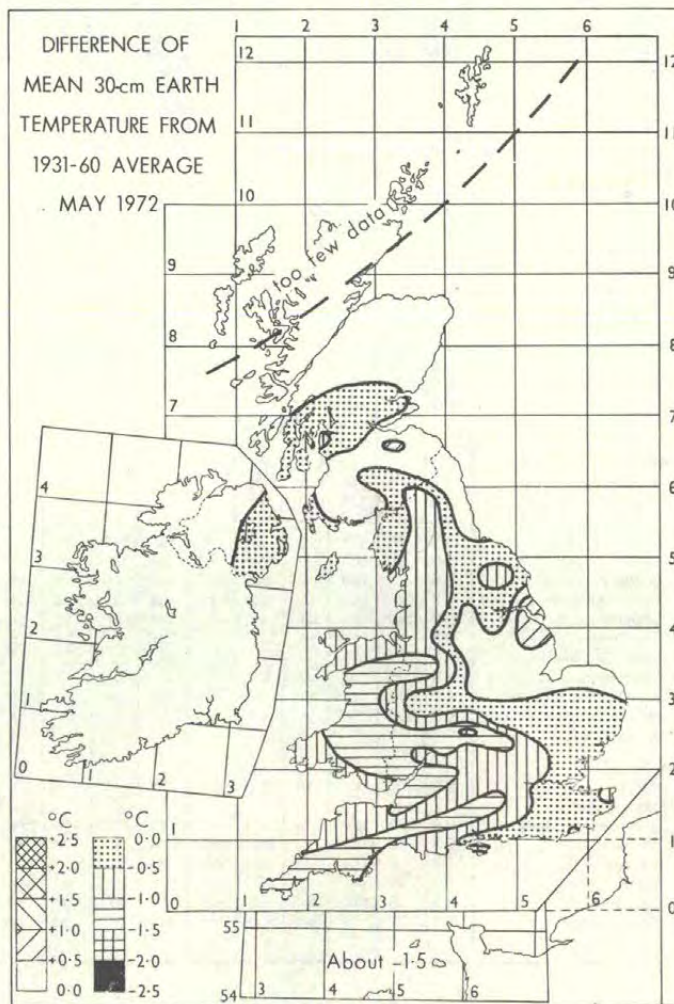
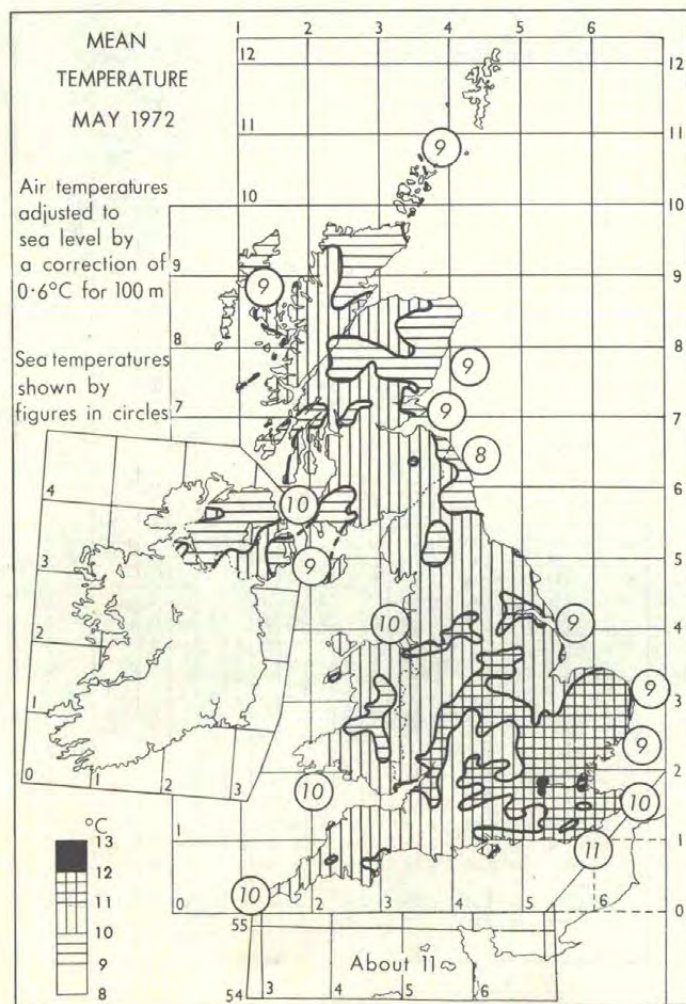
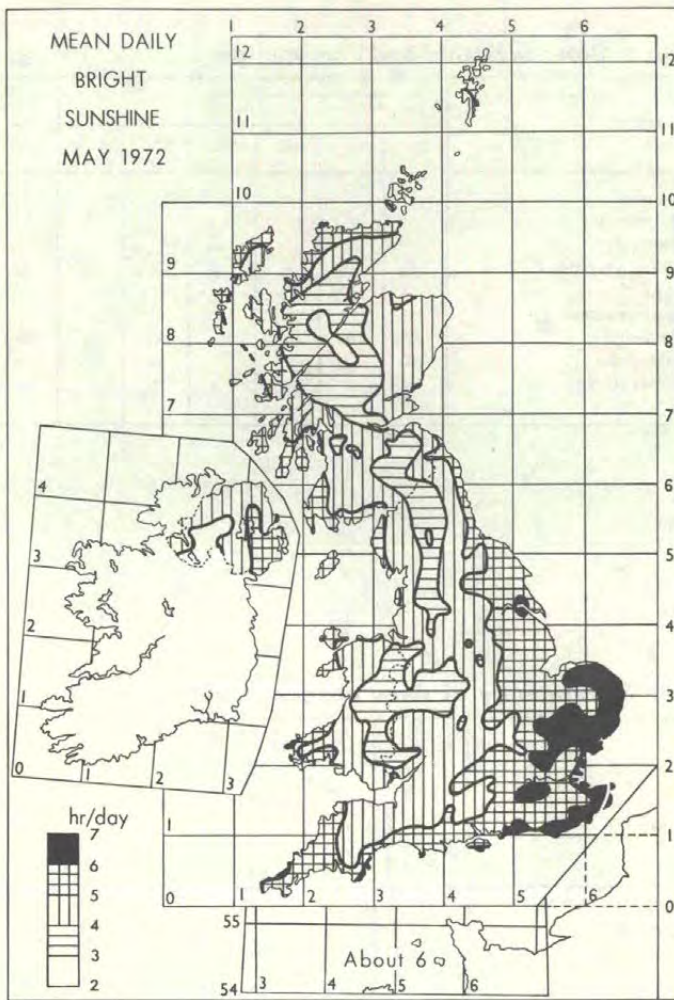
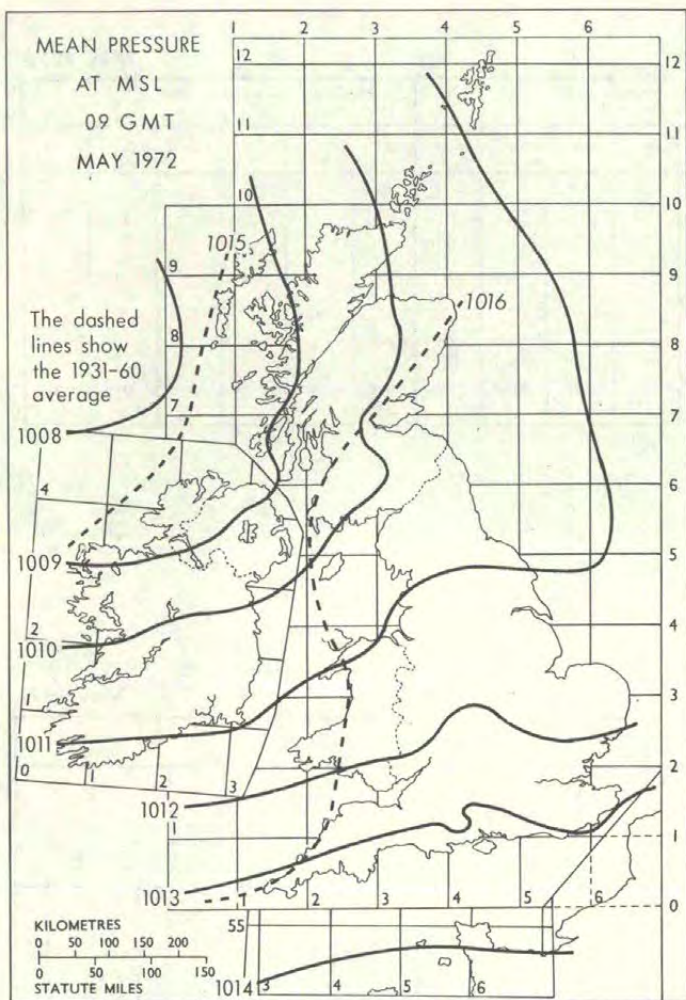




Table 2 Solar radiation and illumination

May 1972

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 .. .																		
Cardington .. .																		
London Weather Centre	619	1, 3	77	5	385.6	31	316	19	72	5	252.9	31	797	3	118	5	517.4	31
Kew .. .. .																		
Easthampstead .. .																		
Aberporth .. .	775	14	102	6	467.2	31	381	29	99	6	275.7	31	—	—	—	—	—	—
Aldergrove .. .	694	3	71	6	404.0	31	374	17	71	6	260.1	31	—	—	—	—	—	—
Jersey Airport .. .	758	17	86	5	467.2	31	395	29	84	5	277.0	31	857	30	111	5	534.5	31

Table 3 Summary of daily observations

May 1972

District, county and place	max. min. terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine					
				means of		daily mean (mean of a & b)	highest max. and lowest min.				30 cm (°C)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure		
max. (a)	min. (b)	max.	date	min.	date	total fall (mm)	percentage of 1916-50 average	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure										
O SCOTLAND N																																	
Zetland																																	
Hamnavoe .. .	99	21	10.9	6.3	8.6	—	13.5	23	4.4	4	—	—	48	—	14	9	14	11	0	0	0	0	0	0	1	0	—	—	1	4.63	—	—	
Lerwick .. .	21-9	82																															
psychrometer screen .. .			10.0	6.2	8.1	—	12.5	25	3.7	4, 15	—	—	45	76	11	9	14	9	0	0	0	0	0	0	2	0	0	0	0	3.51	66	—	
Baltasound .. .	99	24	10.2	6.1	8.1	+0.3	12.8	25	3.6	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
			11.1	6.4	8.7	—	13.7	25	2.5	20	7.8	—	25	41	6	9	12	7	0	0	0	0	0	0	1	0	—	—	0	4.24	—	—	
Orkney																																	
Sule Skerry .. .	21-9	13	11.0	7.1	9.1	—	14.2	23	5.7	14	—	—	29	—	13	29	13	5	0	0	0	0	0	0	0	0	0	0	0	—	—	—	
Stenness .. .	99	23	12.4	6.2	9.3	—	16.2	20	2.8	20	9.2	8.1	35	71	15	25	13	6	0	0	0	0	0	0	0	0	2	—	0	5.36	—	—	
Kirkwall .. .	21-9	26	11.6	6.2	8.9	+0.3	15.9	20	4.0	17	—	—	43	89	17	25	12	8	0	0	0	0	0	0	0	0	0	0	0	4.74	84	—	
Caithness																																	
Dounreay .. .	99	21	13.0	5.6	9.3	—	18.0	20	2.0	11	—	—	24	46	13	26	8	6	0	0	0	0	0	0	6	0	0	—	0	5.60	—	—	
Wick .. .	21-9	36	11.4	6.2	8.8	+0.4	14.0	2	2.4	20	—	—	37	81	16	26	14	8	0	0	0	0	0	0	2	0	3	0	0	4.61	81	—	
John O Groats .. .	99	30	11.4	5.9	8.7	—	14.2	29	2.6	17	9.5	—	23	—	9	25	14	6	0	0	0	0	0	0	2	0	—	0	0	5.13	—	—	
Sutherland																																	
Cape Wrath .. .	21-9	112	11.4	6.0	8.7	+0.1	17.0	23	4.1	23	—	—	21	31	7	26	8	5	0	0	0	0	0	0	0	0	0	0	0	6.22	—	—	
Lairg .. .	99	107	14.0	4.3	9.1	—	18.3	20	-0.3	10	9.4	7.9	49	—	11	30	17	9	0	0	2	1	1	0	2	11	—	—	—	—	—	—	
Strathay .. .	99	37	13.4	4.8	9.1	-0.1	18.8	20	0.3	3	—	—	32	58	14	26	13	7	0	0	0	0	0	1	0	0	—	—	0	5.55	105	—	
Ross & Cromarty																																	
Stornoway .. .	21-9	3	12.8	6.5	9.7	+0.4	15.5	6, 21	0.2	3	—	—	68	118	19	29	17	11	0	0	0	0	0	0	0	0	1	1	0	4.85	77	—	
Balmacara .. .	99	4	13.7	7.8	10.7	—	(18.0)	20	5.2	8	—	—	102	—	26	25	16	12	0	0	0	0	0	0	0	0	—	—	—	—	—	—	
Poolewe .. .	99	6	14.5	7.1	10.8	—	18.5	21	1.7	1	—	—	74	98	22	29	15	11	0	0	0	0	0	0	0	0	4	—	0	4.95	—	S	
Rudh Re .. .	21-9	16	12.6	7.3	9.9	—	17.5	21	4.2	8	—	—	58	—	11	29	18	12	0	0	0	0	0	0	0	0	0	0	1	—	—	—	
Inverpolly .. .	99	14	14.1	6.8	10.5	—	18.1	20	3.5	4	9.4	—	44	69	12	29	10	7	0	0	0	0	0	0	0	0	6	—	1	5.39	—	—	
Kinlochewe .. .	99	23	14.7	6.0	10.3	-0.3	18.4	20	0.5	16	9.4	—	112	122	28	28	13	11	—	—	—	—	—	1	0	5	—	—	3.24	—	S		
Knockanrock .. .	99	244	12.5	5.2	8.9	—	16.9	20	3.8	11	—	—	82	—	27	29	15	10	0	0	0	0	0	0	0	0	3	—	1	—	—	—	
Strathconon .. .	99	107	14.1	4.5	9.3	—	17.4	20	-0.6	11	—	—	63	—	17	29	19	14	0	0	0	0	0	0	0	1	10	—	—	—	—	—	
Fortrose .. .	99	5	13.1	7.1	10.1	+0.5	16.0	10, 23, 24	4.0	16	—	—	19	39	7	31	14	7	0	0	0	0	0	0	0	0	—	—	1	4.23	76	—	
Tarbatness .. .	21-9	18	12.6	6.9	9.7	+0.5	16.0	23	3.0	16	—	—	22	49	7	25	9	4	0	0	0	0	0	1	0	0	—	—	0	—	—	—	
Inverness																																	
Benbecula .. .	21-9	6	12.8	7.1	9.9	+0.1	17.1	20	3.4	19	—	—	96	137	18	25	19	15	0	0	0	0	1	0	0	3	0	0	5.07	—	—	—	
Isle of Rhum .. .	99	5	12.9	6.8	9.9	—	17.2	20	2.0	3	11.2	9.8	195	143	60	25	19	17	0	0	0	0	1	0	0	4	—	8	4.82	—	—	—	
Prabost .. .	99	67	13.2	6.1	9.7	—	17.3	20	1.4	16	—	—	127	134	20	25	22	15	0	0	0	0	0	0	0	0	3	—	4	4.25	—	—	
Duntulm .. .	99	90	12.4	6.4	9.4	0.0	16.7	20, 21	2.8	8	—	—	109	149	16	25	18	14	0	0	0	0	0	0	0	0	—	1	4.78	74	—		
Onich .. .	99	15	14.3	5.9	10.1	-0.3	17.5	20	0.5	16	—	—	170	165	44	25	17	15	—	—	—	—	—	1	0	2	—	—	3.66	66	S		
Corpach .. .	99	8	14.0	6.8	10.4	—	17.8	20	1.6	16	—	—	200	—	46	25	16	12	0	0	0	0	0	0	0	0	1	—	—	—	—	—	
Fort Augustus .. .	99	21	14.2	5.3	9.7	-0.2	18.4	20	-0.2	16, 17	—	—	98	—	20	29	19	12	—	—	—	—	—	—	0	2	—	—	2.85	—	—	—	
Lagganlia .. .	99	250	12.7	4.1	8.4	—	18.1	17	-2.9	11	—	—	82	—	14	26	21	15	0	0	0	0	0	0	0	3	5	—	—	—	—	—	
Inverness .. .	99	4	14.4	7.2	10.8	—	18.0	17	(2.0)	16	—	—	34	68	12	31	15	8	0	0	0	0	0	0	0	0	—	—	0	2.97	—	—	
Coire Cas Shieling .. .	99	762	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cairngorm .. .	99	1090	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Glenmore Lodge .. .	99	341	12.3	3.7	8.0	+0.1	18.3	17	-1.9	16	—	—	123	179	18	26	22	19	—	—	—	—	—	—	—	3	8	3	—	—	—	—	
Moy .. .	99	305	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
1 SCOTLAND E																																	
Nairn																																	
Nairn .. .	99	6	14.2	5.9	10.1	+0.3	18.5	21, 23	0.7	11	—	—	20	39	7	31	14	6	0	0	0	0	0	0	0	0	10	—	0	4.01	72	—	
Moray																																	
Grantown-on-Spey .. .	99	229	13.2	4.1	8.7	—	18.7	20	-2.1	16	—	—	80	—	21	26	20	12	0	0	0	0	1	0	0	3	9	—	0	4.83	—	—	
Forres .. .	99	50	14.4	6.0	10.2	+0.2	18.4	20	2.0	11	10.9	9.9	27	56	9	26	19	10	0	0	0	0	0	0	0	0	3	—	0	4.67	81	—	
Kinloss .. .	21-9	5	14.4	6.0	10.2	+0.5	18.5	23	1.1	11	9.8	—	20	41	7	26	16	6	0	0	0	0	0	0	0	0	0	3	0	0	4.56	—	—
Elgin .. .	99	15	14.2	6.0	10.1	—	17.8	23	0.7	11	—	—	33	65	9	26	13	7	—	—	—	—	—	—	0	0	1	—	—	4.75	—	—	
Lossiemouth .. .	99	6	13.6	6.0	9.8	+0.2	18.8	20	0.1	11	—	—	21	46	7	31	11	5	0	0	0	0	1	0	0	8	1	0	—	—	—	—	
Gordon Castle .. .	99	32	13.9	6.3	10.1	0.0	18.9	20	2.8	23	—	—	31	58	17	26	12	7	0	0	0	0	0	0	—	0	—	—	0	5.13	90	—	







Table 3 Summary of daily observations

May 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)														bright sunshine			
				means of		daily mean (mean of a & b)	d difference from 1931-60 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																		
1 SCOTLAND E—continued																																			
Roxburgh																																			
Wauchope .. .. .	99	155	13.3	5.1	9.2	—	—	17.9	20, 23	0.0	18	—	—	87	138	16	10	21	17	0	0	0	1	2	0	0	—	—	—	2	—	—	—	—	
Kelso .. .. .	99	34	14.2	6.1	10.1	—	—	18.8	23	0.8	23	—	—	52	—	9	12	18	11	0	0	0	3	1	0	0	5	—	—	0	4.24	—	—	S	
Sourhope .. .. .	99	221	12.4	4.5	8.5	—0.4	—	17.6	23	1.6	11	—	—	88	—	22	11	22	10	0	0	0	0	0	1	0	3	—	—	0	4.29	—	—	—	
(see Introduction)																																			
6a SCOTLAND W																																			
Argyll																																			
Tiree .. .. .	21-9	9	12.6	7.2	9.9	—0.2	—	15.7	20	3.9	3	—	—	95	146	20	25	18	15	0	0	0	2	0	0	0	1	1	1	5.45	72	—	—	—	
Port Ellen .. .. .	99	18	12.9	6.1	9.5	—	—	16.4	20	1.5	16	—	—	93	—	20	25	20	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rhuvaal .. .. .	21-9	20	12.3	7.0	9.7	—	—	16.3	20	4.0	7	—	—	139	170	38	25	18	18	0	0	0	0	0	0	0	0	0	5	—	—	—	—	—	
Colonsay .. .. .	99	30	12.6	7.2	9.9	—0.4	—	17.0	20	4.5	8	—	—	79	104	18	25	19	13	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Aros .. .. .	99	37	13.7	6.1	9.9	—	—	17.6	4, 20	1.6	11	—	—	128	—	29	25	19	16	0	0	0	0	1	0	0	7	—	—	1	—	—	—	—	
Machrihanish .. .. .	21-9	10	13.0	6.8	9.9	—	—	16.9	4	2.2	16	—	—	95	137	16	25	18	17	0	0	1	0	0	0	0	2	0	0	5.33	—	—	—	—	
Campbeltown .. .. .	99	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Polloch .. .. .	99	15	13.7	—	—	—	—	17.8	20	—	—	—	—	169	—	32	25	22	20	0	0	0	0	—	—	—	—	—	—	—	—	—	—	—	
Knapdale Forest .. .. .	99	40	13.4	5.7	9.5	—	—	17.5	20	1.0	16	—	—	119	—	36	25	19	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dunstaffnage .. .. .	99	3	13.5	7.0	10.3	—	—	17.1	21	3.5	16	—	—	115	—	34	25	22	17	0	0	0	0	0	0	—	—	—	—	—	—	—	—	—	
Glenbranter .. .. .	99	24	13.4	5.6	9.5	—	—	17.7	20	—0.3	11	—	—	231	—	51	25	21	18	0	0	0	2	1	0	1	8	—	—	0	—	—	—	—	
Glen Etive .. .. .	99	24	14.1	6.6	10.3	—	—	17.5	20	0.1	16	—	—	234	—	65	25	20	17	0	0	0	0	—	—	—	—	—	—	—	—	—	—	—	
Benmore Younger .. .. .																																			
Botanic Gardens .. .. .	99	12	13.6	6.1	9.9	—	—	17.2	4	1.0	16	—	—	213	169	53	25	22	19	0	0	2	0	3	0	0	5	—	—	0	—	—	—	—	
Bute																																			
Kildonan .. .. .	21-9	18	13.4	7.8	10.6	—	—	15.3	4, 15	5.0	16	—	—	83	—	15	26	18	14	0	0	0	0	1	0	0	0	0	6	5.40	—	—	—	—	
Broddick Castle .. .. .	99	15	13.8	6.5	10.1	—	—	17.4	4	2.3	16	12.1	—	151	139	32	25	20	17	0	0	0	0	1	0	0	5	—	—	0	—	—	—	—	
Rothsay .. .. .	99	43	13.6	6.5	10.1	—0.5	—	18.5	20	3.0	13	10.0	9.0	131	147	19	25	21	19	0	0	0	0	0	0	0	3	—	—	0	—	—	—	—	
Dunbarton																																			
Finnart .. .. .	99	15	13.5	7.0	10.3	—	—	17.6	19	3.9	15	—	—	187	—	43	25	21	19	0	0	0	1	2	0	0	—	—	—	0	—	—	—	—	
Helensburgh .. .. .	99	89	12.6	6.0	9.3	—1.0	—	15.6	15	1.4	13	—	—	114	125	21	25	20	18	0	0	0	0	2	0	0	—	—	—	0	4.11	69	—	—	
Sloy .. .. .	21-9	12	13.5	6.6	10.1	—	—	18.2	4	2.0	16	—	—	261	—	63	25	22	18	0	—	—	1	4	0	0	—	—	—	0	—	—	—	—	
Arrochymore .. .. .	99	37	13.7	6.2	9.9	—	—	17.7	20	2.1	16	—	—	165	—	36	25	22	19	0	0	0	0	3	0	0	7	—	—	0	4.14	—	—	—	—
Cumbernauld .. .. .	99	94	13.6	4.4	9.0	—	—	16.5	17	—1.0	16	—	—	106	—	30	25	20	16	0	0	0	0	0	0	1	4	—	—	0	—	—	—	—	
Stirling																																			
Earls Hill .. .. .	21-9	335	11.4	4.3	7.9	—	—	14.7	4	1.4	8	—	—	147	—	48	25	21	19	0	—	1	0	0	4	0	4	1	2	3.95	—	—	—	—	
Stirling Batterflats .. .. .	99	38	14.7	5.6	10.1	—	—	18.6	16	0.4	16	11.0	10.0	103	—	33	25	21	18	0	0	0	1	1	0	0	7	—	—	0	3.48	—	—	—	
Parkhead .. .. .	99	107	14.3	5.7	10.0	—	—	18.3	23	1.8	16	11.2	—	81	—	24	25	20	18	0	0	0	0	0	0	—	—	—	—	0	—	—	—	—	
Falkirk Sewage Works .. .. .	99	3	14.1	6.5	10.3	—	—	17.4	23	2.2	16	—	—	77	—	23	25	19	16	0	0	0	0	0	0	—	—	—	—	0	3.80	—	—	—	—
Grangemouth .. .. .	99	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Renfrew																																			
Greenock .. .. .	99	61	13.2	7.0	10.1	—0.9	—	16.8	20	3.9	8	—	—	134	147	34	25	21	16	0	0	0	0	2	0	0	0	—	—	0	4.98	78	—	—	
Paisley .. .. .	99	32	14.6	7.3	10.9	—0.4	—	18.2	15	4.1	16	10.7	9.7	122	172	30	25	19	15	0	0	0	0	2	0	0	—	—	0	3.65	63	—	—	—	
Barrhead .. .. .	99	30	13.9	6.2	10.1	—	—	17.3	20	0.7	16	—	—	118	162	34	25	17	15	0	0	0	0	2	0	0	4	—	—	0	—	—	—	—	
Abbotsinch .. .. .	21-9	5	14.3	6.2	10.3	—0.4	—	17.3	20	0.8	16	—	—	103	155	29	25	19	15	0	0	1	0	3	0	0	8	0	0	4.16	70	—	—	—	—
Lanark																																			
Crossmyloof .. .. .	99	23	—	6.6	—	—	—	—	—	2.1	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—</									



Table 3 Summary of daily observations

May 1972

District, county and place	terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine					
	max.	min.		means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure
				max. (a)	min. (b)			max.	date	min.	date																						
6b ISLE OF MAN																																	
Isle of Man																																	
Ronaldsway .. .. .	21-9	16	12.8	6.9	9.9	-	14.5	28	2.5	12	-	-	64	114	14	23	16	13	0	0	0	0	0	0	0	0	2	0	0	5.86	-	-	
Douglas .. .. .	99	87	12.1	7.2	9.7	-0.7	14.5	17	4.5	12	-	-	75	101	13	23	17	15	0	0	0	0	0	0	0	0	0	0	2	5.74	80	-	
Point of Ayre .. ..	21-9	9	13.4	7.2	10.3	-	16.8	28	3.9	17	-	-	48	95	11	30	17	12	0	0	0	0	0	0	0	0	0	0	3	5.96	-	-	
2 ENGLAND NE																																	
Northumberland																																	
Kielder Castle .. ..	99	201	13.0	4.2	8.6	-	18.0	2	-2.0	24	10.0	-	120	158	22	11	21	17	0	-	0	0	0	0	1	1	5	9	-	0	-	-	
Haydon Bridge .. ..	99	79	14.3	5.8	10.1	-	18.9	23	-0.5	16	10.7	9.9	55	-	10	31	20	14	0	0	0	0	0	0	1	1	4	-	0	-	-		
Corbridge .. .. .	99	49	14.3	4.8	9.5	-	18.9	23	-1.0	16	-	-	43	-	9	11	15	11	0	0	0	0	2	0	3	7	-	0	-	-	-		
Berwick-on-Tweed ..	99	23	(12.6)	6.8	(9.7)	(+0.4)	16.2	22	4.5	2,11,17	-	-	53	118	7	25	21	14	0	0	1	0	1	0	0	3	-	1	4.97	84	-		
Acklington .. .. .	21-9	42	13.0	5.6	9.3	+0.2	17.0	22	0.7	17	-	-	57	116	10	10	19	13	0	0	0	2	1	1	0	4	0	1	4.99	-	-		
Tynemouth .. .. .	21-9	29	12.3	7.3	9.8	+0.1	17.4	23	5.0	16	-	-	45	88	10	2	18	12	0	0	0	0	0	1	0	0	0	0	5.10	92	-		
Seahouses .. .. .	21-9	11	12.3	6.7	9.5	-	17.0	22	3.2	18	-	-	57	-	10	11	16	13	0	0	0	0	0	0	0	2	0	1	5.26	-	-		
Durham																																	
Chopwellwood .. ..	99	136	13.6	5.9	9.7	-0.3	18.0	23	3.0	17,18,19	-	-	51	92	13	11	24	14	0	0	0	0	0	1	0	7	-	0	-	-	-		
Durham .. .. .	99	102	13.9	5.7	9.8	-0.3	17.8	23	0.3	6	10.6	9.5	57	112	10	11	21	15	-	0	-	-	1	0	1	-	-	4.52	83	5	-		
Hartburn Grange ..	99	31	14.5	5.9	10.2	-	18.6	23	1.2	11	-	-	35	-	5	5	20	11	0	0	0	0	4	0	0	3	-	3	5.35	-	-		
Hartlepool .. .. .	99	9	13.8	7.7	10.7	-	19.5	23	4.9	11	-	-	37	76	7	5	19	10	0	0	0	0	0	1	0	-	-	0	5.30	-	-		
Yorkshire N Riding																																	
Leeming .. .. .	21-9	32	14.5	6.8	10.7	-	19.4	23	2.8	2	-	-	61	128	14	6	19	11	0	0	0	1	3	1	0	3	0	0	5.00	-	-		
Marton .. .. .	99	46	14.4	7.0	10.7	-	19.0	23	3.1	11	10.7	9.5	35	-	5	11	21	12	0	0	0	1	0	-	0	2	-	0	4.89	-	-		
York (Heslington) ..	99	20	14.9	6.9	10.9	-	19.1	2	2.3	17	10.9	10.4	43	-	10	11	19	8	0	0	0	0	2	0	0	3	-	0	5.49	-	-		
Pickering .. .. .	99	44	14.5	6.0	10.3	-	18.9	2	0.3	11	-	-	50	-	9	11	21	10	0	0	0	1	2	0	0	3	-	0	-	-	-		
Scarborough .. ..	99	53	13.5	6.7	10.1	-	18.8	23	0.5	17	10.9	9.8	32	-	7	11	17	11	0	0	0	0	0	2	0	6	0	1	6.17	107	-		
Silpho Moor .. .. .	99	203	12.9	5.6	9.3	-	17.7	23	-0.9	17	9.3	-	58	95	10	29	25	14	0	0	1	0	0	3	1	2	-	0	5.66	-	-		
Whitby Coastguard ..	21-9	60	12.4	6.4	9.4	-	18.6	23	0.8	17	-	-	39	-	11	11	15	9	0	0	0	0	0	1	0	0	4	-	0	-	-		
Yorkshire E Riding																																	
High Mowthorpe ..	99	175	13.0	5.8	9.4	-	17.3	23	-0.4	17	9.2	-	51	87	10	11	22	14	-	0	-	-	0	1	4	-	-	5.29	-	-			
Hull .. .. .	99	2	15.2	7.4	11.3	-0.1	19.4	23	2.3	17	12.0	10.2	41	84	11	11	17	13	0	0	0	0	1	0	0	0	-	1	6.12	108	-		
Filey .. .. .	99	37	13.0	6.6	9.8	-	18.2	22	1.0	17	-	-	33	66	8	11	19	7	0	0	0	0	1	1	0	0	-	0	5.53	-	-		
Bridlington .. .. .	99	48	12.7	6.3	9.5	-0.4	17.2	22, 23	1.4	17	-	-	40	79	9	11	17	11	0	0	0	0	0	0	0	1	-	2	5.82	92	-		
Kilnsea .. .. .	21-9	12	12.9	7.8	10.3	-	18.0	23	5.6	17	-	-	32	-	8	31	15	8	0	0	0	0	1	2	0	-	3	5.76	-	-			
Lincoln																																	
Waddington .. .. .	21-9	66	14.8	6.8	10.8	-0.4	18.6	2	2.7	17	-	-	62	-	10	6	19	13	0	0	1	1	2	0	0	1	0	0	5.96	92	-		
Lincoln .. .. .	99	7	15.5	6.7	11.1	-0.4	20.0	2	-1.8	17	11.4	9.9	62	130	12	6	20	12	0	0	0	0	4	0	1	3	-	0	5.59	-	-		
Cranwell .. .. .	99	62	14.9	6.1	10.5	-0.6	18.0	2	2.8	12	11.6	10.5	60	121	13	11	19	11	0	0	0	1	2	0	0	2	1	0	5.77	93	-		
Brigg .. .. .	99	3	15.4	6.0	10.7	-	20.0	2	0.1	17	-	-	59	-	9	11	22	17	0	0	1	0	5	0	0	7	-	0	-	-	-		
Binbrook .. .. .	21-9	108	13.8	6.5	10.1	-	17.8	23	1.6	17	-	-	45	-	11	11	17	16	0	0	0	3	1	0	0	2	0	0	5.67	-	-		
Cleethorpes .. .. .	99	7	14.7	7.5	11.1	+0.2	19.4	24	5.6	19	-	-	36	77	8	11	16	13	-	0	-	-	0	0	0	-	-	5.85	95	-			
Manby .. .. .	21-9	17	14.4	6.6	10.5	-	18.9	22	2.9	11	11.9	-	36	81	7	11	20	11	0	0	0	0	5	1	0	4	0	0	5.73	-	-		
Skegness .. .. .	99	5	(14.3)	(4.2)	(9.3)	(-1.4)	19.0	21, 24	3.0	11	-	-	35	84	7	31	17	15	0	0	0	0	0	0	0	0	-	0	5.26	82	-		
3 ENGLAND E																																	
Norfolk																																	
Terrington St Clement	99	3	15.2	6.6	10.9	-0.6	19.3	2	2.1	11	10.9	-	34	-	5	6,20	17	13	0	0	0	0	0	0	0	4	-	0	6.02	93	-		
Marham .. .. .	21-9	23	15.3	6.8	11.1	-	19.6	2	3.1	8, 19	-	-	33	-	7	11	20	14	0	0	1	0	2	0	0	1	0	0	-	-	-		
Santon Downham ..	99	24	16.2	4.8	10.5	-	21.0	2	-4.5	17	11.2	10.1	36	71	6	11	19	13	-	0	-	-	-	7	10	-	-	5.51	-	-			
East Dereham .. ..	99	53	16.1	6.9	11.5	-	21.3	22	3.2	17	-	-	59	-	14	27	18	14	-	0	-	-	-	0	0	5	-	-	-	-	-		
Morley St Botolph ..	99	48	15.3	6.6	10.9	-	21.1	22	2.4	17	11.7	-	50	-	12	27	19	13	0	0	0	0	0	0	7	-	2	5.79	-	-			
Cromer .. .. .	99	54	14.7	7.5	11.1	0.0	21.2	22	6.0	4,15,21	-	-	51	108	9	11	17	14	0	-	1	0	1	0	0	0	-	2	-	-	-		
Scotse .. .. .	99	30	15.6	7.0	11.3	-	21.3	22	1.9	20	12.1	11.3	33	-	7	10	16	9	0	0	0	1	3	0	0	1	-	0	5.94	-	-		
Coltishall .. .. .	21-9	17	14.9	7.2	11.1	-	21.0	22	2.2	8	-	-	53	-	11	10	18	12	0	0	1	0	4	0	0	6	0	0	-	-	-		
Gorleston .. .. .	21-9	4	13.7	8.3	11.0	+0.2	17.7	24, 26	5.6	11	12.3	10.7	38	99	8	27	18	12	0	0	0	0	3	0	0	0	0	0	6.45	96	-		
Suffolk																																	
Brooms Barn .. .. .	99	75	15.2	6.8	11.0	-	19.7	22	2.1	17	11.5	10.4	40	-	6	10	21	13	0	0	3	0	4	0	0	1	-	2	5.78	-	-		
Honington .. .. .	21-9	51	15.6	7.0	11.3	-	20.1	22	1.7	17	-	-	33	-	6	11	19	12	0	0	1	0	3	0	0	4	1	0	-	-	-		
East Bergholt .. ..	99	4	16.3	6.4	11.3	-	21.2	22	1.0	20	-	-	37	90	10	31	15	8	-	-	-	-	0	0	11	-	-	-	-	-			
Wattisham .. .. .	21-9	89	14.9	6.6	10.7	-	19.5	22	2.1	17	-	-	44	103	7	11	21	11	0	0	2	0	3	1	0	6	0	0	6.40	-	-		
Aldeburgh .. .. .	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	2	0	-	-	-	-	0	6.83	-	-		
Lowestoft .. .. .	99	25	14.0	7.5	10.7	-0.2	18.0	25	4.5	11	12.2	10.9	32	85	5	27	18	11	0	0	0	0	2	0	0	0	0	1	6.52	96	-		
Cambridge																																	
Boxworth .. .. .	99	44	15.4	6.3	10.9	-	19.0	2, 3	2.4	17	-	-	26	58	4	10	19	9	0	0	0	0	2	0	0	4	-	0	6.29	-	-		
Mepal .. .. .	99	1	15.5	6.2	10.9	-	19.3	23	1.0	17	11.9	10.2	29	-	8	31	18	9	0	0	0	1	2	0	0	5	-	0	5.35	-	-		
March .. .. .	99	2	15.7	-	-	-	20.1	2	-	-	-	-	27	55	5	6	16	9	-	0	-	-	-	-	-	-	-	-	-	-	-		
Cambridge																																	
Botanic Gardens ..	99	12	15.9	7.1	11.5	-0.4	20.0	20	3.2	11	12.1	10.9	27	58	5																		



Table 3 Summary of daily observations

May 1972

District, county and place			max. min. of observation		height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine																																		
						means of		daily mean (mean of a & b)	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)		percentage of 1916-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1911-50 average	exposure																																
max. (a)	min. (b)	max.	date	min.	date	30cm (°C)	100cm (°C)	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 09h	hail	ice pellets etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1911-50 average	exposure																																								
3 ENGLAND E— continued																																																																		
Essex																																																																		
Little Parndon .. ..	99	54	15.3	6.7	11.0	—	18.5	2.3	2.0	13.17	—	—	31	—	9	5	16	9	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																															
Harlow .. ..	99	79	15.7	6.3	11.0	—	18.9	3	2.3	12	—	10.4	54	—	13	20	21	14	0	0	0	0	1	0	0	—	—	—	—	—	—	—	—	—	—																															
Stansted .. ..	21-9	101	15.1	6.4	10.7	-0.5	18.5	2	2.0	17	—	—	48	104	9	5	21	11	0	0	0	0	1	0	0	—	—	—	—	—	—	—	—	—	—																															
Writtle .. ..	99	32	15.7	6.4	11.1	—	19.2	22	1.4	8	11.6	—	40	96	9	5	15	12	0	0	1	0	1	0	0	7	—	—	—	—	—	—	—	—	—																															
Southend .. ..	99	2	15.2	8.5	11.9	—	19.5	22	4.1	17	—	—	28	—	5	5	16	10	0	0	0	0	0	0	0	—	—	—	—	—	—	—	—	—	—																															
Maldon .. ..	99	4	16.1	7.2	11.7	—	20.7	22	2.9	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																															
Earls Colne .. ..	99	49	16.0	6.6	11.3	—	19.8	22	2.3	8	11.9	11.0	35	83	6	27	17	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																															
Shoeburyness .. ..	21-9	2	15.3	7.9	11.6	-0.1	19.3	22	3.0	8	—	—	26	68	5	5	18	11	0	1	0	1	0	1	0	5	0	0	6.37	93	—	—	—	—	—																															
Clacton-on-Sea .. ..	99	16	14.9	8.3	11.6	+0.2	17.9	22	3.9	16	12.3	11.1	21	55	5	11	13	7	0	0	0	0	1	0	0	0	—	—	—	—	—	—	—	—	—																															
Walton-on-Naze .. ..	21-9	5	14.6	8.4	11.5	—	18.0	22	4.8	11	—	—	41	—	8	31	17	8	0	0	1	0	1	1	0	0	0	3	6.90	—	—	—	—	—	—																															
Dovercourt .. ..	99	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																															
4 MIDLAND COUNTIES																																																																		
Yorkshire W Riding																																																																		
Slaidburn .. ..	99	192	12.6	5.7	9.1	—	16.1	20	1.1	18	—	—	138	152	27	26	22	20	0	0	0	0	0	0	0	3	—	—	—	—	—	—	—	—	—	—																														
Malham Tarn .. ..	99	395	(11.7)	(4.6)	(8.1)	—	(15.0)	(17)	1.8	16	—	—	175	196	34	26	20	19	0	0	0	0	0	1	0	7	—	—	—	—	—	—	—	—	—	—																														
Huddersfield .. ..	99	99	14.3	6.7	10.5	—	18.3	23	3.3	11	10.8	9.6	74	129	24	26	16	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																														
Huddersfield Oakes ..	21-9	235	13.6	5.7	9.7	-0.7	17.8	20	2.4	12	10.3	7.8	102	151	29	26	22	16	0	2	2	4	2	0	6	0	3	4.02	78	—	—	—	—	—	—	—																														
Bradford .. ..	99	134	13.6	6.4	10.0	-0.6	17.7	23	3.4	11	10.3	9.1	108	175	23	26	21	16	0	0	4	0	4	1	0	1	—	—	—	—	—	—	—	—	—	—																														
Ilkley .. ..	99	83	14.3	5.3	9.8	—	18.5	23	0.0	4.6	—	—	111	166	17	12	20	18	0	0	0	0	3	0	0	5	—	—	—	—	—	—	—	—	—	—																														
Sheffield .. ..	99	131	14.4	6.8	10.6	-0.7	18.4	20	3.2	17	11.0	9.7	57	98	16	26	20	14	0	0	0	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—																														
Pontefract .. ..	99	78	14.4	6.7	10.5	-0.4	17.8	2,20,23	3.4	17	—	—	35	68	9	26	20	9	0	0	0	0	2	0	0	0	—	—	—	—	—	—	—	—	—	—																														
Bramham .. ..	99	54	14.5	5.7	10.1	—	18.1	23	0.6	17	—	—	58	107	9	11	21	14	0	0	0	0	1	0	1	4	—	—	—	—	—	—	—	—	—																															
Cawood .. ..	99	6	14.9	6.3	10.6	—	19.5	2	1.1	17	11.0	10.1	57	112	13	31	18	15	0	0	1	0	3	0	0	3	—	—	—	—	—	—	—	—	—																															
Askham Bryan .. ..	99	34	15.2	6.3	10.7	—	19.6	2	2.3	17	—	—	45	83	9	11	19	13	0	0	1	0	1	1	0	3	—	—	—	—	—	—	—	—	—	—																														
Derby																																																																		
Buxton .. ..	99	307	11.8	5.2	8.5	-0.9	15.0	20	0.8	18	—	—	129	177	35	26	22	18	0	0	0	0	1	2	0	0	—	—	—	—	—	—	—	—	—	—																														
Mackworth .. ..	99	89	14.3	6.2	10.3	—	17.2	20,22	0.5	17	—	—	39	—	8	26	20	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																														
Ashover .. ..	99	186	13.6	6.1	9.9	—	17.0	20	1.2	17	—	—	69	—	13	30	20	19	0	0	0	0	1	0	0	2	—	—	—	—	—	—	—	—	—	—																														
Derby .. ..	99	48	15.1	7.4	11.3	—	18.2	9,20	1.2	17	—	—	41	72	7	26	18	12	0	0	0	0	1	0	0	3	—	—	—	—	—	—	—	—	—	—																														
Morley .. ..	99	107	14.5	(5.8)	(10.1)	—	17.4	22,23	0.6	17	—	—	43	72	9	5	16	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																														
Wingerworth .. ..	99	126	14.0	5.6	9.8	—	17.2	20	-1.1	17	11.0	—	68	—	11	26,30	20	14	0	0	0	1	3	0	1	6	1	1	3.80	—	—	—	—	—	—	—	—																													
Nottingham																																																																		
Sutton Bonington ..	99	48	(14.7)	(6.5)	(10.6)	(-0.5)	18.2	20	-0.7	17	10.6	9.6	35	73	7	11	17	10	0	0	0	0	2	0	1	8	—	—	—	—	—	—	—	—	—	—	—																													
Watnall .. ..	21-9	117	14.8	6.4	10.6	-0.5	18.4	20	0.4	17	—	—	59	111	10	30	21	15	0	0	1	1	4	0	0	3	1	0	3.61	63	—	—	—	—	—	—	—																													
Mansfield .. ..	99	114	—	—	—	—	—	—	—	—	10.8	—	62	116	10	30	21	12	0	0	0	0	2	0	0	—	—	—	—	—	—	—	—	—	—	—	—																													
Nottingham .. ..	99	59	15.1	7.6	11.3	-0.4	18.6	23	3.8	12	11.3	10.1	43	86	9	30	17	14	0	0	0	0	3	0	0	0	—	—	—	—	—	—	—	—	—	—																														
Warsop .. ..	99	46	14.7	5.6	10.1	—	17.9	23	-1.6	17	—	—	49	107	9	10	20	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																														
Finningley .. ..	21-9	10	15.7	6.3	11.0	—	19.7	20	0.1	17	—	—	41	92	9	11	20	12	0	0	1	1	4	0	0	6	1	0	5.10	—	—	—	—	—	—	—	—																													
Leicester																																																																		
Newtown Linford ..	99	119	14.6	6.0	10.3	—	17.8	20	0.2	17	—	—	35	63	7	11	18	11	0	0	0	0	2	0	0	4	—	—	—	—	—	—	—	—	—	—	—																													
Caldecott .. ..	99	52	15.1	6.2	10.7	—	18.2	3	-0.4	17	—	—	41	93	6	11	18	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																													
Northampton																																																																		
Bugbrooke Mills .. ..	99	69	14.6	5.8	10.2	—	17.5	3	0.2	17	10.6	9.6	48	100	10	20	18	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																													
Raunds .. ..	99	59	15.4	6.3	10.8	-0.6	18.8	3	2.3	8,17	12.1	9.9	44	90	6	11	21	12	0	0	0	1	5	0	0	3	—	—	—	—	—	—	—	—	—	—	—																													
Wittering .. ..	99	73	15.1	6.5	10.8	—	18.1	2,3	2.7	17	—	—	45	99	8	12	17	13	0	0	2	0	1	0	0	5	2	0	5.52	—	—	—	—	—	—	—	—																													
Warwick																																																																		
Birmingham																																																																		
King Edward School	99	137	14.1	6.8	10.5	—	16.6	22	4.5	16	—	—	87	138	10	7	24	19	0	0	0	0	3	0	0	—	—	—	—	—	—	—	—	—	—	—	—																													
Edgbaston .. ..	21-9	163	13.6	7.1																																																														



Table 3 Summary of daily observations

May 1972

District, county and place	terminal h (GMT) of observation max. min.		height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 03h	hail	ice pellets, etc.	thunder heard	fog at 03h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
max. (a)	min. (b)	max.	date	min.	date																													
4 MIDLAND COUNTIES—continued																																		
Hereford																																		
Hereford																																		
Sewage Works	99	52	14.5	(6.5)	(10.5)	—	17.4	22	0.7	17	11.4	10.6	65	—	11	3	21	13	0	0	0	0	1	0	0	7	—	—	0	5.04	—	—	—	
Lyonshall	99	155	13.3	6.1	9.7	-1.4	16.0	17,18,22	2.0	12,17	—	—	87	140	13	5	19	17	—	—	—	—	—	—	—	0	2	—	—	—	—	—	—	
Ross-on-Wye	21-9	68	14.2	7.2	10.7	-1.0	17.3	20	2.4	17	11.3	10.6	64	116	13	3	22	10	0	0	0	0	0	0	3	0	0	3.93	66	—	—	—	—	
Preston Wynne	99	84	14.2	4.9	9.5	—	16.9	22	-0.1	17	—	—	69	135	17	5	20	14	—	0	—	—	—	—	0	1	4	—	—	4.25	—	—	—	
Gloucester																																		
Filton	21-9	59	14.0	7.6	10.8	-0.9	16.6	4, 21	2.8	17	—	—	61	105	12	11	24	15	0	0	1	0	2	0	0	2	0	2	4.72	—	—	—	—	
Hempsted	99	12	14.3	6.7	10.5	—	16.4	4, 20	1.0	17	11.4	10.4	61	109	8	11	25	17	0	0	0	0	2	1	0	2	—	—	4.39	—	—	—	—	
Gloucester	21-9	24	14.9	8.1	11.5	—	17.8	22	2.3	17	—	—	61	—	8	11	26	17	0	0	0	1	3	0	0	2	0	0	4.55	—	—	—	—	
Cheltenham	99	65	14.2	6.6	10.4	-1.7	17.6	22	1.3	18	—	—	63	124	9	11	27	16	—	—	—	—	—	—	—	—	—	—	4.20	—	—	—	—	
Cirencester	99	135	13.6	6.1	9.9	—	16.6	4	0.4	17	—	—	83	125	11	11	24	21	0	0	0	1	2	0	0	3	—	—	—	—	—	—	—	
Little Rissington	21-9	226	13.1	6.1	9.6	—	15.8	22	2.1	12	—	—	71	122	14	2	23	15	0	0	2	0	2	1	0	1	0	0	4.92	—	—	—	—	—
5 ENGLAND SE																																		
Greater London																																		
Kensington Palace	99	25	15.9	8.1	12.0	-1.0	19.9	3	4.1	17	12.6	11.3	30	63	4	9	21	12	0	0	0	0	2	0	0	3	—	1	—	—	—	—	—	
Hampstead	99	137	15.0	6.9	10.9	-0.9	18.8	4	3.0	17	—	—	37	73	5	31	22	15	0	0	0	0	—	—	—	—	—	—	0	5.80	93	—	—	—
St James Park	99	4	16.1	8.3	12.2	-0.9	20.0	3	4.0	12	—	—	25	56	3	29	17	12	0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
London Weather Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.88	98	—	—	—	
Greenwich	99	7	15.9	7.9	11.9	—	19.4	3	2.7	8	—	—	35	79	11	31	16	11	0	0	1	0	2	0	0	0	—	0	5.78	97	—	—	—	—
Heathrow	21-9	25	16.0	7.6	11.8	-0.7	20.1	3	3.3	17	—	—	26	56	4	11	20	7	0	0	0	0	1	0	0	1	0	0	5.54	—	—	—	—	—
Hampton	99	12	15.2	7.7	11.5	—	20.0	3	3.0	17	—	—	29	65	5	6	21	12	0	0	0	0	1	0	0	4	—	0	5.82	—	—	—	—	—
Wealdstone	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.80	—	—	—	—	—
Southgate	99	67	15.5	7.4	11.5	—	19.5	3	2.6	17	11.4	—	41	90	7	31	19	11	0	0	0	1	2	0	0	4	—	0	6.43	—	—	—	—	—
Kew	21-9	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
psychrometer screen	—	—	15.4	6.5	10.9	—	19.0	3	-0.7	8	11.7	10.5	25	55	3	10	22	12	0	0	0	1	1	0	1	11	0	0	6.25	98	—	—	—	—
Waddon	99	59	15.8	7.5	11.7	-0.5	21.0	31	2.5	8	—	—	28	59	6	11	16	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Addington	99	144	14.9	6.7	10.8	-0.9	19.2	3	2.1	17	—	—	32	62	6	11	20	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bromley	99	65	(15.5)	(7.3)	(11.4)	(-1.0)	20.0	3	(1.0)	8	—	—	38	82	7	10	17	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Surrey																																		
Gatwick	21-9	59	15.0	5.9	10.5	-1.2	20.0	2	-0.7	8	—	—	56	112	10	5	18	13	0	0	0	0	4	0	1	7	0	0	5.61	—	—	—	—	—
Wisley	99	35	15.6	6.9	11.3	-0.6	19.9	3	1.0	13	11.7	11.0	33	—	7	5	20	13	0	0	0	0	3	2	0	6	—	2	6.24	—	—	—	—	—
Mickleham	99	55	15.2	5.6	10.4	—	21.1	3	-0.2	8,13	12.0	10.5	52	106	9	5	23	14	0	0	0	0	1	0	2	—	—	—	—	—	—	—	—	—
Kent																																		
Hadlow College	99	30	15.3	6.3	10.8	—	19.7	3	-0.1	8	11.6	10.3	41	—	6	26	19	14	0	0	0	0	3	0	1	2	—	0	5.06	—	—	—	—	—
Gillingham	99	4	16.3	(7.7)	(12.0)	—	20.2	22	2.9	8	—	—	30	67	4	22	20	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peckham	21-9	29	15.3	6.2	10.7	—	19.5	2,22	-0.4	8	—	—	36	—	7	18	18	9	0	0	1	0	2	0	1	7	1	0	6.16	—	—	—	—	—
Dungeness	99	3	13.8	8.4	11.1	-0.1	17.0	4	5.0	11	—	—	45	106	12	26	19	10	0	0	0	0	1	0	0	—	—	—	—	—	—	—	—	—
Whitstable	99	3	15.3	7.0	11.1	—	20.2	22	0.7	8	—	—	33	91	5	5	18	12	0	0	0	0	4	0	0	—	—	—	3	6.25	—	—	—	—
Folkestone	99	31	14.3	7.5	10.9	—	18.1	2	1.6	8	—	11.9	48	—	8	15	21	11	0	0	1	0	3	0	0	0	—	2	7.01	—	—	—	—	—
Elmstone	99	5	15.6	(6.5)	(11.1)	—	20.1	22	0.1	8	—	—	34	—	4	9	19	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Herne Bay	99	31	14.7	7.0	10.9	—	19.5	22	1.5	8	—	—	26	—	5	8	13	11	0	0	0	1	0	3	0	—	—	0	6.76	—	—	—	—	—
Dover	99	8	14.5	8.8	11.7	-0.1	17.8	3,22	4.7	8	12.8	11.3	48	109	8	8	20	13	0	0	0	0	2	0	0	0	—	0	7.16	—	—	—	—	—
Manston	21-9	44	15.0	7.6	11.3	—	20.1	22	3.3	8	—	—	29	75	6	15	16	11	0	0	1	1	2	0	0	2	0	0	—	—	—	—	—	—
Margate	99	16	14.4	8.7	11.5	-0.2	20.0	22	5.2	12	12.1	10.9	26	—	5	8	14	9	0	0	0	0	1	0	0	0	—	6	7.16	100	—	—	—	—
Goudhurst	99	85	14.9	6.4	10.7	—	20.2	3	0.3	8	—	—	49	92	8	9	21	11	0	0	0	0	1	2	0	0	6	—	—	—	—	—	—	—
East Malling	99	37	15.5	6.5	11.0	-0.5	19.5	3	0.5	8	11.3	10.2	35	72	5	8	19	12	0	0	0	0	2	0	0	3	—	0	5.60	85	—	—	—	—
Throwley	99	150	14.6	5.9	10.3	—	17.7	3,8	-0.4	8	11.7	9.9	35	63	5	9	18	12	0	0	0	1	1	0	1	2	—	7	5.33	—	—	—	—	—
Faversham	99	48	15.2	6.8	11.0	—	19.6	22	1.1	8	11.3	10.4	30	—	4	8	20	11	0	0	1	0	1	0	0	2	—	0	6.10	—	—	—	—	—
Wye	99	56	14.7	6.9	10.8	-0.8	18.8	20	1.3	8	11.2	10.2	35	65	5	8	18	12	0	0	0	0	2	0	0	4	—	1	6.26	92	—	—	—	—
Sussex																																		
Thorney Island	21-9	3	14.6	7.8	11.2	—	20.4	3	2.8	8	—	—	48	110	11	8	21	13	0	0	0	0	2	0	0	1	0	1	5.85	—	—	—	—	—
Rogate	99	64	14.8	6.2	10.5	—	20.5	2	1.5	13	12.0	—	73	—	12	9	19	12	0	0	0	0	0	0	0	8	—	0	—	—	—	—	—	—
Bognor Regis	99	7	14.3	8.1	11.2	-0.6	20.7	3	3.9	17	—	11.6	43	91	7	8	18	13	0	0	0	0	1	0	0	0	—	3	6.55	93	—	—	—	—
Fernhurst	99	57	14.9	5.6	10.3	—	20.6	2	-0.7	8	11.8	—	71	122	11	1	22	12	0	—	—	—	—	—	—	—	—	1	0	5.63	—	—	—	—
Littlehampton	99	5	14.8	8.1	11.5	-0.4	21.5	3	4.2	17	—	11.6	54	118	8	8	20	12	0	0	0	0	1	0	0	—	—							



Table 3 Summary of daily observations

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
				means of		daily mean <sup>1</sup> (mean of a & b)	d difference from 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
5 ENGLAND SE—continued																																	
Hampshire—continued																																	
Alice Holt Lodge ..	99	115	15.4	6.4	10.9	—	19.5	3	1.0	8	—	—	79	148	12	1	24	14	0	0	1	0	1	0	0	6	—	0	5.50	—	S		
South Farnborough ..	99	69	15.3	6.6	10.9	-1.0	20.1	3	0.2	17	—	—	64	131	19	1	24	15	0	0	0	0	3	0	0	4	1	0	5.33	83	—		
Isle of Wight																																	
St Catherine's Point ..	99	16	13.2	8.2	10.7	-0.7	18.5	4	4.3	17	—	—	70	149	12	1	20	12	0	—	0	0	2	0	0	—	—	2	—	—	—		
Ventnor ..	99	122	14.0	7.9	10.9	-1.0	18.9	3	4.0	17	12.5	11.4	68	135	9	8	21	15	0	0	0	0	0	0	0	—	—	3	6.58	89	—		
(see Introduction) ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Shanklin ..	99	55	13.9	7.6	10.7	—	19.0	4	2.9	17	—	—	70	134	10	8	23	15	0	—	0	0	2	4	0	—	—	1	6.54	—	—	—	
Sandown ..	99	4	14.5	8.6	10.5	-1.8	20.0	3	4.9	17	—	—	52	116	8	8	16	12	0	—	0	0	0	0	0	—	—	—	6.35	—	—	—	
Ryde ..	99	4	14.2	7.5	10.9	-1.5	17.3	3	3.9	8	—	—	69	158	15	1	19	16	0	0	0	1	3	0	0	—	—	2	5.72	78	—	—	
Wiltshire																																	
Lacock ..	99	49	14.1	6.4	10.3	—	16.9	22	-0.5	17	—	—	71	125	11	9	22	17	—	0	—	—	—	0	2	2	—	—	—	—	—	—	
Lynham ..	21-9	145	13.5	6.5	10.0	-1.3	16.1	4,21	2.6	17	—	—	69	123	17	9	23	15	0	0	1	0	0	0	0	1	0	0	4.75	—	—	—	
Larkhill ..	99	132	14.2	6.3	10.3	-0.8	17.0	4	1.1	17	—	—	63	128	9	11	20	13	0	0	1	0	3	0	0	2	—	—	—	—	—	—	
Boscombe Down ..	21-9	126	14.1	6.0	10.1	-1.3	17.0	4	1.1	17	—	—	75	161	14	12	21	14	0	0	2	0	1	0	0	6	1	0	5.15	—	—	—	
Upavon ..	21-9	176	13.7	6.1	9.9	—	16.5	4	2.4	12,17	—	—	68	131	9	11	21	16	0	0	1	0	2	0	0	1	0	0	—	—	—	—	
Porton ..	99	111	14.1	5.2	9.7	-1.4	17.1	4	-1.1	17	10.4	—	61	127	10	11	20	11	—	0	—	—	—	0	1	7	1	—	4.73	72	—	—	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ..	99	13	13.7	7.2	10.5	—	18.0	20	5.5	27	—	—	85	121	20	11	17	16	—	0	—	—	—	0	0	0	—	—	5.81	—	—	—	
Bromfield ..	99	20	13.9	6.0	9.9	—	17.9	20	-1.1	16	—	—	44	—	6	25	18	13	0	0	1	0	2	0	1	1	1	0	—	—	—	—	
Carlisle ..	21-9	26	14.2	6.6	10.4	—	18.8	20	2.1	16	—	—	64	—	12	30	18	12	0	0	2	0	0	0	0	3	0	0	4.55	—	—	—	
Newton Rigg ..	99	171	13.4	5.8	9.6	-0.6	17.1	20	1.2	18	10.2	—	81	150	14	11	20	11	—	0	—	—	—	0	0	5	—	—	4.45	74	—	—	
Westmorland																																	
Great Dun Fell ..	21-9	847	6.8	1.5	4.1	—	11.9	20	-1.7	15	—	—	—	—	—	—	—	—	—	1	—	—	—	17	8	—	—	—	2.51	—	—	—	
Moore House ..	99	556	9.7	2.8	6.3	—	13.7	23	-3.8	18	6.4	—	223	166	35	25	23	21	—	0	—	—	—	3	2	9	—	—	3.38	—	—	—	
Lancashire																																	
Squires Gate ..	21-9	10	14.2	6.7	10.5	-0.4	18.6	20	1.7	23	—	—	53	88	13	30	16	15	0	0	0	0	2	0	0	7	0	2	5.02	73	—	—	
Aigburth ..	99	14	13.9	7.7	10.8	—	17.5	20	3.8	12	—	—	49	—	10	30	18	14	0	0	2	0	1	0	0	0	0	0	4.42	—	—	—	
Southport ..	99	5	13.9	6.4	10.1	—	17.4	20	2.6	2	10.9	9.6	44	74	9	30	16	14	—	0	—	—	—	0	0	2	—	—	4.93	—	—	—	
Cartmel ..	99	34	14.1	6.7	10.4	—	17.0	20	1.1	16	—	—	93	—	21	6	18	13	0	0	0	0	1	1	0	—	—	0	—	—	—	—	
Grizedale ..	99	91	13.5	5.7	9.6	—	17.0	20	0.5	16	10.5	—	150	—	20	11	19	18	0	0	0	0	2	0	0	7	—	2	—	—	—	—	
Speke ..	21-9	22	14.4	7.1	10.7	—	18.7	20	3.6	12	—	—	43	75	8	30	19	11	0	0	1	0	1	0	0	0	0	0	4.41	—	—	—	
Kirkham ..	99	24	14.0	6.1	10.1	—	17.7	20	1.3	16	—	—	57	90	12	30	16	14	0	0	0	0	2	0	0	—	—	0	4.84	—	—	—	
Bailrigg ..	99	53	13.9	6.6	10.3	—	17.4	20	1.8	16	—	—	80	—	10	11	18	16	—	0	—	—	—	0	0	6	—	—	4.65	—	—	—	
Morecambe ..	99	7	14.3	8.3	11.3	-0.3	17.8	20	5.1	16	—	—	78	120	12	6	18	16	0	0	0	0	2	0	0	—	—	0	4.70	69	—	—	
Preston ..	99	33	13.9	6.9	10.3	—	17.0	20	2.3	14	—	—	71	105	13	30	19	15	0	0	1	0	2	0	0	3	—	—	—	—	—	—	
Bolton ..	99	107	13.7	5.4	9.5	—	17.1	20	1.5	11,18	9.8	9.0	101	—	22	30	21	17	—	0	—	—	—	0	0	1	—	—	4.35	—	—	—	
Stonyhurst ..	99	115	13.9	6.1	10.0	-0.9	17.4	14	2.1	18	—	—	91	128	17	31	20	19	—	0	—	—	—	0	0	—	—	—	3.77	61	—	—	
Manchester Weather Centre ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.94	—	—	—	
Helmshore ..	99	260	12.4	5.8	9.1	—	16.1	20	2.2	18	9.3	—	151	163	24	26	21	20	—	0	—	—	—	0	0	4	—	—	—	—	—	—	S
Nelson ..	99	165	13.0	6.1	9.5	—	17.0	20	2.4	18	9.8	8.6	117	170	21	30	20	19	—	0	—	—	—	0	0	5	—	—	4.03	—	—	—	—
Rochdale ..	99	110	13.9	6.4	10.1	—	17.4	20	1.7	11	—	—	104	142	24	26	21	17	0	0	0	0	2	0	0	3	—	—	4.01	—	—	—	—
Cheshire																																	
West Kirby Park ..	99	8	14.7	7.6	11.1	—	17.8	20	4.1	12	—	—	53	89	9	26	18	12	—	0	—	—	—	—	0	0	—	—	4.82	—	—	—	—
Ness Gardens ..	99	55	14.0	6.9	10.5	—	17.8	20	2.9	12	—	—	36	—	7	20	19	9	0	0	0	0	0	0	0	0	11	—	1	3.95	—	—	—
Winnington ..	99	20	14.8	7.4	11.1	—	17.6	22	3.7	12	—	—	64	114	11	26	18	15	0	0	0	2	2	0	0	0	—	—	—	—	—	—	—
Knutsford ..	99	65	14.9	6.2	10.5	—	18.3	22	2.4	18	10.9	9.8	67	113	13	3	19	14	—	0	—	—	—	—	0	4	—	—	—	—	—	—	—
Ringway ..	21-9	75	14.0	7.2	10.6	-0.5	17.0	20	3.7	12	—	—	65	115	11	2	21	16	0	0	1	0	3	0	0	0	0	0	4.15	73	—	—	—
Macclesfield ..	99	152	14.0	6.9	10.5	-0.6	17.0	20	4.2	17	—	—	83	130	22	30	20	15	0	0	0	0	1	0	0	0	—	—	0	—	—	—	—
7b NORTH WALES																																	
Flint																																	
Rhyl ..	99	9	14.0	7.4	10.7	-0.6	17.7	1	3.0	12	—	—	33	62	8	6	14	9	0	0	0	0	0	0	0	0	0	—	1	5.15	79	—	—
Prestatyn ..	99	1	14.0	7.9	10.9	—	17.8	20	4.1	12	—	—	43	76	11	6	17	11	0	0	0	0	1	0	0	—	—	0	5.18	83	—	—	—
Hawarden Bridge ..	99	5	15.0	7.0	11.0	-0.6	18.0	20	2.8	17	—	—	37	68	8	20	21	12	0	0	0	0	2	0	0	—	—	0	—	—	—	—	—
Anglesey																																	
Valley ..	21-9	10	13.2	7.9	10.5	-0.5	16.0	27	3.0	12	—	—	38	66	5	5	20	12	0	0	0	0	0	0	0	0	0	4	5.95	83	—	—	—
Denbigh																																	
Colwyn Bay ..	99	24	13.8	7.7	10.7	—	16.9	6	3.1	12	11.2	—	35	—	5	26	19	10	0	0	0	0	1	0	0	—	—	0	5.59	83	—	—	—
Alwen ..	99	335	11.4	3.7	7.5	—	14.0	24,22	-2.0	17	—	—	119	—	40	26	19	15	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—
Ruthin ..	99	76	13.6	6.1	9.9	—	17.0	20	1.4	12,13,17	—	—	66	—	18	26	20	11	—	0	—	—	—	0	0	—	—	—	4.04	—	—	—	—
Loggerheads ..	99	210	12.7	4.9	8.8	—	15.7	22	0.2	17	9.6	8.9	58	—	13	26	20	13	0	0	0	0	1	0	0	3	—	—	0	4.0			



Table 3 Summary of daily observations

May 1972

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine				
				means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date															
8a SOUTH WALES—continued																																
Cardigan— continued																																
Llety-eyan-hen .. ..	99	290	11.2	5.8	8.5	—	15.3	4	2.0	12	—	—	87	111	15	11	17	16	0	0	0	0	0	0	0	0	—	0	3.55	60	—	
Cwmystwyth .. ..	99	301	11.4	4.4	7.9	—	15.2	4	—0.7	2,17	—	—	103	—	19	26	19	16	—	0	—	—	—	—	3	7	—	—	2.74	—	S	
Pembroke																																
Dale Fort .. ..	99	33	13.1	8.0	10.5	—	15.8	24	4.7	13	11.4	—	68	—	16	11	16	13	0	0	0	1	0	0	0	0	—	1	6.11	—	—	
Milford Haven .. ..	21-9	37	12.6	8.3	10.5	—	15.3	27	3.5	13	—	—	72	—	12	23	16	13	0	0	1	0	0	0	0	0	0	0	3	—	—	
Conservancy Board ..	99	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Orielton .. ..	99	8	13.0	5.6	9.3	—	15.8	29	0.2	13	—	—	119	—	21	11	18	18	0	—	0	0	0	—	—	—	—	0	4.34	—	—	
Haverfordwest .. ..	99	8	13.0	5.6	9.3	—	15.8	29	0.2	13	—	—	119	—	21	11	18	18	0	—	0	0	0	—	—	—	—	0	4.34	—	—	
Carmarthen																																
Carmarthen .. ..	99	15	13.5	6.4	9.9	—	18.0	4	1.0	13	11.2	10.6	134	167	22	11	19	16	0	0	0	0	0	0	0	10	—	2	5.24	—	S	
Esgairwen-Uchaf .. ..	99	332	11.2	5.3	8.3	—	15.8	4	1.7	14	—	—	119	—	27	11	20	17	0	0	0	0	0	1	0	7	—	3	—	—	—	
Brynamman .. ..	21-9	183	12.7	6.2	9.5	—	16.5	17	2.9	16	—	—	144	—	23	11	23	19	0	—	2	0	0	0	0	2	—	—	—	—	—	
Radnor																																
Cenarth Mill .. ..	21-9	282	11.9	4.5	8.2	—	15.0	22	—1.3	17	—	—	105	—	29	26	24	16	—	0	—	—	—	0	1	13	—	—	—	—	—	
Llandrindod Wells ..	99	235	12.7	5.1	8.9	—1.7	16.6	22	0.5	17	9.6	—	91	132	18	26	20	18	0	0	0	0	0	0	—	—	0	3.75	67	S		
Brecknock																																
Llwynon .. ..	99	242	11.5	4.0	7.7	—	15.4	26	0.0	17	—	—	158	—	29	11	22	18	0	0	0	0	0	2	0	—	—	0	3.51	—	—	
Glamorgan																																
Mumbles .. ..	21-9	36	12.8	7.9	10.3	—	16.5	4	4.2	13	—	—	—	—	—	—	—	—	0	0	0	0	1	0	5	0	0	—	—	—	—	
Penmaen .. ..	99	82	13.4	7.2	10.3	—	17.2	4	2.9	13	11.5	11.0	128	—	21	11	21	18	0	0	0	1	0	1	0	0	—	3	4.42	—	—	
Swansea .. ..	99	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Port Talbot .. ..	99	7	14.3	7.8	11.0	—	18.2	4	2.5	17	—	—	124	182	27	11	22	18	0	0	0	0	0	1	0	2	—	0	4.42	—	S	
Neath .. ..	99	62	13.5	7.6	10.5	—	17.1	4	2.5	17	—	—	141	—	24	11	23	20	0	0	0	0	0	0	0	0	—	1	—	—	—	
Porthcawl .. ..	99	6	13.3	8.0	10.7	—	15.2	16	3.6	13	—	—	97	—	15	11,23	19	18	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rhoose .. ..	21-9	67	13.4	7.1	10.3	—	17.0	4	2.1	13	—	—	85	131	16	3	22	17	0	0	1	0	0	0	0	4	0	4.85	71	—	—	
Cardiff .. ..	99	62	13.9	7.4	10.7	—1.2	16.6	19	4.1	17	11.4	10.3	120	162	16	11	22	18	0	—	0	0	0	0	0	2	—	1	4.11	—	S	
Monmouth																																
Tredegar .. ..	99	313	11.6	5.3	8.5	—	15.0	4	1.0	17	—	—	185	195	29	26	22	19	0	0	0	0	0	1	0	2	—	3	3.93	—	—	
Newport .. ..	99	23	14.1	7.2	10.7	—1.4	16.5	4	3.0	17	—	—	114	202	23	26	19	17	0	0	0	0	0	0	0	—	0	5.11	—	—	—	
Usk .. ..	99	21	14.8	6.9	10.9	—	17.0	4,19,22	1.0	17	11.6	—	121	180	21	11	17	17	—	—	—	—	—	3	0	4	—	—	3.75	—	—	—
Crumbland .. ..	99	245	12.3	6.2	9.3	—	15.5	22	3.2	14	10.1	9.4	127	187	19	11	26	19	0	0	0	0	0	0	3	—	1	4.30	—	—	—	
8b ENGLAND SW																																
Somerset																																
Hawkridge .. ..	99	314	11.4	5.5	8.5	—	14.2	22	0.6	18	—	—	131	152	25	11	24	17	0	0	0	0	0	1	0	6	—	0	4.25	—	—	
Nettlecombe .. ..	99	96	13.4	6.6	10.0	—	15.5	24	1.4	17	11.7	—	98	—	18	11	18	17	0	0	0	0	1	0	0	4	—	0	—	—	—	
Cannington .. ..	99	23	13.5	7.1	10.3	—	16.0	4	0.5	15	11.8	—	62	111	12	11	22	13	0	—	0	0	0	0	0	1	—	0	4.48	67	—	
Cricket Malherbie ..	99	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cheddar .. ..	99	11	—	—	—	—	—	—	—	—	—	—	61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Yeovilton .. ..	21-9	18	14.6	6.5	10.5	—	16.9	18	—1.0	17	—	—	57	—	14	11	23	15	0	0	1	0	0	0	1	2	0	1	—	—	—	—
Rodney Stoke .. ..	99	40	13.5	6.5	10.0	—	16.6	4	2.3	1	11.5	10.4	66	—	11	11	22	13	—	0	—	—	—	—	0	0	0	—	—	—	—	—
Long Ashton .. ..	99	49	14.0	7.3	10.7	—1.1	16.5	4	2.0	17	11.1	—	69	108	14	11	23	15	0	0	0	1	1	0	0	4	—	1	5.04	80	—	
West Camel .. ..	99	27	15.0	5.9	10.5	—	18.6	22	—1.3	17	—	—	56	—	10	11	27	16	0	0	0	1	0	0	1	9	—	0	—	—	—	
Downside Abbey .. ..	99	183	13.3	6.6	9.9	—	16.3	4	2.1	17	—	—	69	—	13	11	21	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Wincanton .. ..	99	114	13.8	6.7	10.3	—	17.0	22	2.5	17	—	—	71	—	17	11	25	15	0	0	0	0	0	0	3	—	1	—	—	—	—	
Bath .. ..	99	118	13.7	6.9	10.3	—	17.0	4,22	1.5	31	11.3	—	69	116	14	9	23	14	0	0	0	1	0	0	0	—	0	—	—	—	S	
Dorset																																
Portland Bill .. ..	21-9	53	12.9	8.2	10.5	—	17.2	4	5.1	13	—	—	57	—	8	11	18	13	0	0	0	0	1	0	0	0	0	2	6.28	—	—	—
Coastguard .. ..	99	23	13.9	7.7	10.8	—1.4	18.0	2	3.2	17	—	—	65	—	12	17	21	15	0	0	0	0	0	0	—	—	0	5.73	—	—	—	
Weymouth .. ..	99	26	14.3	—	—	—	17.9	4	—	—	—	—	68	—	12	25	19	13	—	—	—	—	—	—	—	—	—	—	—	—	—	
Winfrith .. ..	99	207	12.9	6.0	9.5	—1.4	16.0	22	3.1	12	—	—	65	121	9	11	23	19	—	—	—	—	—	1	0	—	—	—	—	—	—	
Shaftesbury .. ..	99	11	13.6	8.1	11.3	—	17.0	2,4	5.6	17	—	11.8	68	141	15	11	18	14	0	0	0	1	2	0	0	0	—	0	5.21	72	—	
Swanage .. ..	99	8	14.4	7.2	10.8	—	18.3	4	2.6	17	12.1	11.5	86	169	12	2	23	19	0	0	0	1	2	0	0	1	—	0	5.80	82	—	
Poole .. ..	99	8	14.4	7.2	10.8	—	18.3	4	2.6	17	12.1	11.5	86	169	12	2	23	19	0	0	0	1	2	0	0	1	—	0	5.80	82	—	
Devon																																
Virginstow .. ..	99	168	13.0	6.0	9.5	—	17.6	27	1.4	13	—	—	81	—	14	23	20	16	0	0	0	0	0	0	0	1	—	0	—	—	—	
Hartland Point .. ..	21-9	91	11.7	6.8	9.3	—	14.8	19	3.9	2	—	—	69	122	22	11	17	14	0	0	0	0	0	0	0	0	0	5	5.85	85	—	
Mount Batten .. ..	99	27	13.3	8.1	10.7	—1.0	16.6	2	3.5	13	—	—	117	191	22	3	19	13	0	0	0	2	0	0	0	2	0	3	5.56	79	—	
Plymouth Hoe .. ..	99	36	13.4	7.7	10.5	—1.7	17.0	14	3.2	13,14	11.8	11.1	117	195	22	3	18	15	0	0	0	1	0	0	0	2	0	5.24	74	—		
Tavistock .. ..	99	139	13.6	6.4	10.0	—1.4	20.1	2	1.8	17	—	10.4	152	202	25	4	22	18	0	0	0	0	0	0	0	8	—	0	—	—	—	
Chivenor .. ..	21-9	6	13.9	7.7	10.8	—1.4	16.5	4	2.0	13	—	—	65	124	16	11	19	13	0	0	0	3	0	0	0	5	0	0	5.26	—	—	
Prawle Point .. ..	21-9	59	—	—	—	—	—	—	—	—	—	—	47	—	10	11	14	8	0	0	0	0	1	0	—	—	8	—	—	—	—	
Totnes .. ..	99	84	13.8	6.7	10.3	—	20.0	1	2.1	24	10.5	10.0	108	—	18	23	17	13	0	0												







Table 4 Summary of observations at fixed hours

May 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW			
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	speed (kt)												
																											6-7	4-5									1-3	calm	
																																							11-21
number of observations																																							
0 SCOTLAND N																																							
Lerwick, Zetland																																							
83	3	1011.0	-	6.9	0.6	9.2	92	7.5	0	1	1	5	22	2	0	2	0	0	0	2	3	9	9	6	0	0	1	13	15	2	3	4	4	9	4	0	4	1	
	9	1011.4	-4.3	8.5	1.2	9.4	85	6.7	0	2	3	13	11	2	0	2	0	0	0	2	10	7	8	2	0	0	1	17	13	0	3	8	2	8	7	2	1	0	0
	15	1012.0	-	8.9	1.4	9.4	83	6.6	0	2	4	13	12	0	0	0	0	0	1	3	7	11	7	2	0	0	2	16	12	1	3	7	2	11	6	1	0	0	
	21	1012.1	-	7.2	0.7	9.2	91	6.8	0	2	2	11	14	2	0	0	2	1	2	5	7	8	6	0	0	0	0	15	15	1	5	5	2	12	5	0	1	0	
Kirkwall, Orkney																																							
26	3	1010.1	-	6.9	0.5	9.2	93	6.8	0	3	2	9	15	2	0	1	1	1	3	0	10	4	10	1	0	0	1	15	14	1	4	1	5	10	5	0	3	2	
	9	1010.5	-4.7	9.4	1.3	9.7	82	6.7	0	3	1	13	14	0	0	0	0	0	3	1	7	3	13	4	0	0	3	20	8	0	4	2	7	7	6	2	0	3	
	15	1010.8	-	10.3	1.7	9.9	79	6.1	1	3	5	10	12	0	0	0	0	0	1	1	8	5	10	6	0	0	4	18	9	0	4	4	8	9	2	1	0	3	
	21	1011.1	-	7.9	0.7	9.7	91	7.2	0	0	3	12	14	2	0	0	0	2	2	1	8	7	9	2	0	0	0	16	13	2	4	3	9	8	2	0	1	2	
Wick, Caithness																																							
37	3	1009.8	-	7.0	0.6	9.1	91	6.5	0	2	6	8	11	4	0	3	0	1	0	3	9	3	9	3	0	0	0	11	19	1	4	1	1	12	6	1	3	2	
	9	1010.2	-5.6	9.0	1.4	9.4	82	6.4	0	2	4	16	8	1	0	0	2	0	6	3	2	9	9	0	0	1	13	17	0	6	1	4	10	7	1	0	2		
	15	1010.4	-	9.9	1.6	9.6	79	6.2	0	3	5	14	9	0	0	0	0	0	3	5	4	10	9	0	0	0	18	12	1	1	7	3	13	3	0	0	3		
	21	1010.8	-	8.1	0.7	9.7	90	6.6	0	1	6	12	8	4	0	2	2	0	1	2	4	6	9	5	0	0	10	19	2	6	2	1	13	2	2	1	2		
Cape Wrath, Sutherland (see Introduction)																																							
113	3	1008.5	-	7.8	0.8	9.5	90	5.7	0	2	9	14	6	0	0	0	0	0	0	0	5	1	9	16	0	1	6	22	2	3	5	5	6	2	7	0	1		
	9	1009.1	-	9.1	1.1	9.9	86	5.7	0	2	8	19	2	0	0	0	0	0	0	2	4	8	17	0	1	6	24	0	3	3	7	6	2	7	1	2			
	15	1009.3	-	10.5	1.4	10.4	83	5.3	0	3	11	14	3	0	0	0	0	0	0	2	2	11	16	0	1	7	23	0	1	4	7	2	7	1	2	2			
	21	1009.6	-	8.8	0.9	9.9	88	6.2	0	0	7	19	5	0	0	0	0	0	0	3	6	5	17	0	2	5	21	3	2	3	8	5	3	4	0	3			
Stornoway, Ross & Cromarty																																							
5	3	1008.7	-	7.8	0.8	9.5	90	6.1	1	4	3	11	12	0	0	0	0	0	0	2	18	10	1	0	2	14	8	7	4	3	3	5	7	1	0	1			
	9	1009.2	-6.2	10.0	1.5	9.9	81	6.0	1	1	8	16	5	0	0	0	0	0	0	3	9	15	4	0	2	22	6	1	3	2	4	6	11	2	0	2			
	15	1009.3	-	11.7	2.1	10.3	76	5.9	1	1	8	14	7	0	0	0	0	0	0	1	9	12	9	0	2	19	10	0	3	3	3	7	2	0	4	3			
	21	1009.6	-	9.0	1.0	9.9	86	6.2	0	4	6	8	13	0	0	0	0	0	1	2	12	12	4	0	0	16	13	2	3	6	6	3	7	0	1	3			
Benbecula, Inverness-shire																																							
7	3	1007.8	-	8.0	0.6	9.8	90	6.2	1	2	7	12	9	0	0	0	0	0	2	2	12	11	4	0	0	15	14	2	3	5	3	7	6	3	2	0	3		
	9	1008.3	-6.8	9.9	1.4	10.1	83	6.2	0	4	3	15	9	0	0	0	0	0	1	2	6	16	6	0	2	17	12	0	2	4	2	8	7	5	0	3			
	15	1008.7	-	11.4	1.9	10.4	78	5.7	0	5	6	12	8	0	0	0	0	0	0	9	18	4	0	2	22	7	0	3	4	0	10	7	3	0	4				
	21	1008.8	-	8.9	0.9	10.0	88	5.4	1	7	3	12	8	0	0	0	0	0	0	2	11	12	6	0	1	11	19	0	5	6	3	5	7	2	1	2			
1 SCOTLAND E																																							
Kinloss, Moray																																							
6	3	1009.5	-	7.3	1.2	8.5	83	6.2	0	2	7	12	10	0	0	0	0	0	2	5	9	6	9	0	0	9	18	4	3	2	6	1	8	4	0	3			
	9	1010.0	-5.7	11.0	2.5	9.2	70	6.0	1	3	6	14	7	0	0	0	0	0	0	6	6	7	12	0	1	17	13	0	5	2	7	2	5	4	4	2			
	15	1009.7	-	12.9	3.4	9.3	63	6.0	0	1	8	19	3	0	0	0	0	0	0	7	6	6	12	0	2	19	10	0	9	3	5	4	3	2	2	2			
	21	1010.2	-	9.6	1.6	9.4	79	6.3	0	4	2	16	9	0	0	0	0	0	0	8	11	3	9	0	1	9	18	3	3	4	6	3	3	4	2	3			
Dyce, Aberdeenshire																																							
59	3	1009.8	-	6.5	0.6	8.9	91	6.2	2	3	1	15	10	0	0	0	0	0	3	6	5	9	3	5	0	0	11	15	5	5	0	5	2	5	1	4	4		
	9	1010.4	-5.7	9.4	1.4	9.7	82	6.5	0	3	2	15	11	0	0	0	0	2	0	4	5	7	6	7	0	1	19	9	2	6	0	6	5	6	3	0	3		
	15	1010.4	-	10.9	1.9	10.0	77	6.5	0	2	3	19	6	1	0	0	1	0	1	5	3	3	10	8	0	8	16	6	1	6	0	4	10	5	3	1	1		
	21	1010.8	-	8.3	1.0	9.5	87	6.3	0	3	4	15	8	1	0	0	0	2	0	4	8	5	3	9	0	0	14	14	3	7	0	2	5	6	5	0	3		
Fraserburgh, Aberdeenshire																																							
22	3	1009.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	1010.5	-5.5	9.1	0.8	10.3	90	6.2	0	1	9	9	10	2	0	0	1	2	1	1	8	9	8	1	0	1	15	15	0	5	1	8	3	7	1	4	2		
	15	1010.5	-	10.5	1.4	10.6	84	6.1	0	1	11	8	10	1	0	0	0	1	0	4	8	7	9	2	0	4	15	12	0	7	1	10	6	4	1	2	0		
	21	1010.7	-	8.6	0.5	10.5	94	6.9	0	1	4	11	11	4	1	0	2	1	3	2	11	9	0	0	1	12	18	0	6	1	7	6	4	1	0	6			
Usan, Angus																																							
35	9	1010.4	-	9.6	0.7	10.8	90	6.3	0	2	6	13	9	1	1	0	0	0	3	4	3	3	6	11	0	3	10	16	2	5	3	5	2	7	2	4	1		
	15	1010.2	-	10.4	1.0	11.1	88	6.2	0	1	8	15	5	2	0	2	0	0	4	4	5	4	12	0	6	12	11	2	4	2	9	3	6	4	1	0			
	21	1010.9	-	8.7	0.5	10.5	93	6.1	0	3	7	10	10	1	0	1	0	0	1	2	7	1	6	13	0	3	10	15	3	5	5	3	3	5	5	2	0		
Leuchars, Fife																																							
12	3	1009.5	-	6.9	0.8	8.9	89	5.8	1	3	6	12	9	0	0	2	0	0	4	3	7	10	5	0	0	9	17	5	0	5	5	3	0	5	8	0			
	9	1010.1	-6.0	10.3	1.8	9.6	77	6.7	0	1	3	20	7	0	0	0	2	1	2	1	7	15	3	0	3	15	13	0	2	5	7	4	3	0	5	3			
	15	1009.8	-	11.5	2.3	9.9	74	7.0	0	0	2	20	8	1	0	0	0	1	0	2	8	13	4	0	4	21	6	0	3	4	12	4	1	2	3	2			
	21	1010.3	-	9.1	1.2	9.7	84	6.5	0	3	1	19	8	0	0	0	0	0	4	5	7	11	4	0	0	16	12	3	1	8	4	3	2	7	2	1			
Turnhouse, Midlothian																																							
44	3	1009.7	-	7.3	1.1	8.7	84	5.9	0	3	6	16	6	0	0	0	0	0	1	6	11	9	3	0	0	5	21	5	1	5	4	1	3	6	6	0			
	9	1010.2	-6.0	10.6	2.1	9.4	74	6.6	0	0	6	16	9	0	0	0	0	1	2	3	10	9	6	0	1	10	18	2	3	5	5	3	7	2	1	0			
	15	1009.6	-	12.6	3.0	9.6	67	7.0	0	0	1	22	8	0	0	0	0	1	3	7	12	7	0	0	0	16	15	0	4	7	5	1	4	5	0				
	21	1010.3	-	9.3	1.4	9.5	81	6.3	0	3	5	16	7	0	0	0	0																						



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[illegible]



Table 4 Summary of observations at fixed hours

May 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity			cloud amount					visibility										wind speed and direction																				
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1 - 2	3 - 5	6 - 7												8	34 or more	6, 7	4, 5	1-3									calm					
																																						speed (kt)				
																																						11-21	1-10	0		
																																						number of observations				
3 ENGLAND E-continued																																										
Cardington, Bedfordshire																																										
29	3	1011.5	-	7.5	0.5	9.6	92	5.5	1	6	3	10	11	0	0	0	1	1	1	1	18	9	0	0	0	1	8	21	1	7	1	2	1	6	9	3	1					
	9	1012.1	-4.3	11.6	2.1	10.2	75	6.2	0	0	11	14	6	0	0	0	0	0	1	1	11	16	2	0	0	1	11	19	0	6	3	2	1	4	9	6	0					
	15	1011.8	-	14.1	3.5	10.0	63	6.9	0	0	3	17	11	0	0	0	0	0	1	0	8	10	12	0	0	3	16	12	0	3	4	2	2	5	8	6	1					
	21	1012.4	-	9.5	1.3	9.8	83	4.6	0	11	6	8	6	0	0	0	0	1	0	15	15	0	0	0	1	11	17	2	5	2	1	4	6	8	3	0						
Stansted, Essex																																										
102	3	1011.5	-	7.5	0.6	9.7	93	5.4	2	5	7	9	8	0	0	0	1	0	0	5	10	11	4	0	0	0	10	19	2	6	1	1	2	5	9	4	0					
	9	1012.1	-4.3	11.0	1.8	10.2	78	5.7	0	4	7	15	5	0	0	0	0	0	1	2	5	16	6	1	0	2	15	14	0	7	0	3	2	4	9	6	0					
	15	1011.7	-	13.8	3.4	9.9	63	6.3	0	2	4	18	7	0	0	0	0	0	1	0	3	8	16	3	0	2	19	10	0	5	2	2	2	7	6	5	2					
	21	1012.5	-	9.5	1.0	10.3	86	4.9	0	8	6	11	6	0	0	0	1	0	3	8	8	11	0	0	0	0	14	17	0	6	1	2	3	9	5	4	1					
Shoeburyness, Essex																																										
5	9	1012.3	-4.3	12.2	2.1	10.7	76	6.0	0	2	7	18	4	0	0	0	0	0	1	10	13	5	2	0	1	14	16	0	5	4	2	1	4	9	6	0						
	15	1012.1	-	13.8	2.9	10.8	68	5.6	0	3	8	14	6	0	0	0	0	1	0	8	11	7	4	0	2	23	6	0	4	1	8	0	6	9	2	1						
	21	1012.7	-	10.9	1.6	10.5	80	5.2	1	7	5	9	9	0	0	0	0	0	1	1	11	10	7	1	0	0	17	14	0	6	1	0	5	7	8	4	0					
Walton-on-Naze, Essex																																										
8	3	1011.6	-	9.2	0.7	10.7	91	5.1	2	5	8	5	11	0	0	0	0	0	0	1	8	22	0	0	0	2	11	17	1	8	1	1	0	5	5	8	2					
	9	1012.4	-	12.0	1.8	11.0	78	5.8	0	3	10	8	9	1	0	1	0	0	0	1	9	20	0	0	0	1	13	15	2	4	4	2	1	2	7	9	0					
	15	1012.4	-	13.4	2.2	11.7	76	5.2	1	3	11	10	6	0	0	0	0	0	0	2	7	22	0	0	0	5	14	12	0	4	2	5	3	4	6	6	1					
	21	1012.8	-	10.9	1.1	11.3	86	5.2	2	7	5	3	14	0	0	0	0	0	3	7	21	0	0	0	1	14	13	3	5	2	0	2	6	7	5	1						
4 MIDLAND COUNTIES																																										
Huddersfield Oakes, Yorkshire W.R.																																										
235	3	1010.5	-	6.4	1.2	8.0	82	6.3	3	0	6	3	19	0	0	0	1	0	1	4	13	10	2	0	0	3	5	18	5	1	4	1	3	4	6	5	2					
	9	1011.3	-4.9	9.9	1.8	9.4	77	6.5	0	1	5	14	11	0	0	1	0	1	3	0	10	12	4	0	0	2	8	17	4	4	3	1	3	4	4	6	2					
	15	1011.3	-	11.9	2.6	9.6	70	6.7	0	0	5	15	11	0	0	0	0	1	1	1	7	12	9	0	0	5	8	14	4	5	3	0	1	4	8	5	1					
	21	1011.6	-	8.3	1.2	9.2	84	5.2	3	4	7	5	12	0	0	0	0	1	0	1	14	11	4	0	0	2	9	10	10	4	2	1	1	4	2	7	0					
Watnall, Nottinghamshire																																										
119	3	1011.0	-	7.3	0.6	9.4	91	5.7	1	5	4	11	10	0	0	0	0	0	1	2	4	16	7	0	1	0	8	20	3	6	2	1	1	6	6	4	2					
	9	1011.7	-4.7	10.9	2.0	9.9	77	6.5	0	2	4	17	8	0	0	0	0	0	1	2	12	11	5	0	1	15	15	0	5	4	2	2	6	7	4	1						
	15	1011.2	-	13.2	2.9	10.3	68	6.5	0	0	7	16	8	0	0	0	0	0	0	2	3	16	7	3	0	1	20	10	0	5	3	1	4	6	7	5	0					
	21	1012.0	-	9.3	1.3	9.8	84	5.8	1	4	4	15	7	0	0	0	0	0	1	4	14	11	1	0	0	1	9	20	1	6	5	1	4	5	5	3	1					
Finningley, Nottinghamshire																																										
14	3	1010.3	-	7.1	0.6	9.2	91	5.6	3	4	4	7	13	0	0	0	0	0	1	4	14	9	2	1	0	0	4	23	4	5	1	1	2	9	4	3	2					
	9	1011.1	-5.2	11.7	2.4	9.9	72	6.4	1	0	5	20	5	0	0	0	0	0	1	8	15	6	1	0	0	14	17	0	4	4	1	3	4	8	4	3						
	15	1010.7	-	13.9	3.4	10.0	63	6.9	0	0	1	22	8	0	0	0	0	0	0	0	6	10	14	1	0	1	20	10	0	5	3	1	2	6	9	2	3					
	21	1011.4	-	9.6	1.4	9.8	82	5.9	2	3	4	12	10	0	0	0	0	0	0	4	6	19	2	0	0	0	10	20	1	6	2	3	4	5	5	1						
Wittering, Northamptonshire																																										
76	3	1011.2	-	7.3	0.7	9.2	89	5.1	3	5	5	8	10	0	0	0	0	1	1	3	9	13	3	1	0	0	7	24	0	8	0	1	1	9	7	4	1					
	9	1011.9	-4.7	11.0	2.2	9.6	74	5.8	1	1	9	14	6	0	0	0	0	1	0	6	12	10	2	0	0	0	12	19	0	5	4	1	2	7	7	4	1					
	15	1011.6	-	13.6	3.5	9.5	62	6.5	0	1	4	18	8	0	0	0	0	0	0	2	4	14	7	0	2	2	20	9	0	6	3	0	2	7	7	3	3					
	21	1012.1	-	9.7	1.5	9.7	81	5.2	1	7	6	11	6	0	0	0	0	1	3	5	14	7	1	0	0	0	9	22	0	7	2	1	4	6	6	5	0					
Edgbaston, Warwickshire																																										
165	9	1011.7	-4.9	9.8	1.9	9.2	76	6.6	0	1	6	14	10	0	0	0	0	0	1	2	5	16	5	2	0	0	14	16	1	4	4	0	3	7	5	7	0					
	15	1011.3	-	12.2	2.7	9.7	69	6.8	0	0	4	18	9	0	0	0	0	0	1	5	16	5	4	0	2	19	9	1	2	6	0	1	9	6	3	3						
	21	1011.8	-	10.0	1.8	9.5	77	5.6	0	5	8	9	9	0	0	0	0	0	3	9	15	4	0	0	1	10	20	0	6	2	2	8	8	3	5	2						
Elmdon, Warwickshire																																										
100	3	1011.4	-	7.2	0.8	9.0	89	5.4	0	5	8	10	8	0	0	0	0	1	3	11	8	7	1	0	0	7	19	5	6	1	0	6	5	8	0	0						
	9	1012.1	-4.4	10.5	2.0	9.5	75	6.3	0	2	5	14	10	0	0	0	0	0	2	6	18	4	1	0	1	18	12	0	5	3	1	3	5	11	3	0						
	15	1011.7	-	12.7	2.7	10.2	70	6.8	0	0	4	17	10	0	0	0	0	0	1	8	14	6	2	0	1	21	9	0	4	5	0	2	8	6	5	1						
	21	1012.2	-	9.6	1.5	9.7	81	5.5	0	5	8	10	8	0	0	0	0	1	1	12	14	3	0	0	0	11	19	1	7	2	0	3	7	8	2	1						
Brize Norton, Oxfordshire																																										
84	3	1011.6	-	7.5	0.7	9.4	90	5.9	1	6	2	7	15	0	0	0	0	1	2	2	12	5	8	1	0	0	6	19	6	7	0	1	2	2	8	3	2					
	9	1012.2	-	10.7	1.9	9.8	76	6.6	0	0	5	18	8	0	0	0	0	0	2	4	11	14	0	0	0	15	15	1	8	0	0	3	6	11	2	0						
	15	1011.9	-	13.2	3.4	9.5	63	6.5	0	0	6	17	8	0	0	0	0	0	1	3	9	15	3	0	0	22	9	0	5	3	1	2	5	10	5	0						
	21	1012.5	-	9.7	1.5	9.8	81	4.9	1	8	6	8	8	0	0	0	0	0	1	3	2	13	10	2	0	0	11	19	1	6	0	2	1	9	6	5	1					
Shawbury, Shropshire																																										
76	3	1011.0	-	7.0	0.9	8.9	88	5.5	0	2	13	9	7	0	0	0	0	1	3	10	9	8	0	0	0	6	19	6	7	0	1	2	3	5	6	1						
	9	1011.7	-4.8	10.4	1.9	9.6	76	6.2	0	10	15	6	0	0	0	0	0	0	5	14	12	0	0	0	0	14	16	1	6	1	0	2	5	6	8	2						
	15	1011.2	-	12.9	2.8	10.1	68	6.5	0	1	6	15	9	0	0	0	0	0	0	4	12	10	5	0	1	18	12	0	7	3	0	4	4	4	7	2						
	21	1011.8	-	9.3	1.4	9.6	82	5.6	0	2	12	10	7	0	0	0	0	0	4	8	10	7	2	0	0	10	20	1	7	2	1	1	3	4	11	1						
Pershore, Worcestershire																																										
36	3	1011.5	-	7.9	0.9	9.4	87																																			



Table 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																								
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure(mb)	relative humidity(%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW							
								mean	0	1-2	3-5	6-7												8	34 or more	18 or more	6-7	4-5	1-3									calm						
																																							speed (kt)					
																																							34 or more	22-33	11-21	1-10	0	
																																							number of observations					
5 ENGLAND SE-continued																																												
Dungeness, Kent																																												
7	3	1012.2	-	-	-	-	-	4.1	6	4	10	4	7	0	0	0	0	0	0	0	0	0	1	5	7	14	4	1	3	14	13	0	7	1	2	0	5	5	11	0				
	9	1013.1	-	11.6	1.4	11.3	83	5.7	2	3	3	15	8	0	0	0	0	0	0	0	0	1	0	5	16	9	0	0	5	15	11	0	4	4	2	0	5	6	8	2				
	15	1013.3	-	-	-	-	-	5.7	2	0	9	12	8	0	0	0	0	0	0	0	0	0	1	0	2	9	17	1	0	7	15	9	0	3	3	4	0	2	12	6	1			
	21	1013.5	-	-	-	-	-	5.0	5	2	8	6	10	0	0	0	0	0	0	0	0	0	1	3	6	15	6	0	4	15	11	1	5	3	2	2	4	7	7	0				
Manston, Kent																																												
45	3	1012.0	-	8.6	0.8	10.0	89	5.3	1	6	7	7	10	0	0	0	0	0	0	0	0	0	9	10	10	2	0	0	14	17	0	7	1	2	1	6	10	4	0					
	9	1012.7	-	12.0	2.1	10.6	76	5.9	0	1	10	13	7	0	0	0	0	0	0	0	0	0	5	11	9	5	0	3	17	11	0	6	3	2	1	4	6	9	0					
	15	1012.7	-	13.6	2.8	10.8	70	5.4	0	6	7	11	7	0	0	0	0	0	0	0	0	1	3	7	13	6	0	6	20	5	0	4	3	4	2	3	12	2	1					
	21	1013.2	-	9.8	1.1	10.5	86	5.5	0	7	4	11	9	0	0	0	0	0	0	0	0	1	4	13	9	3	0	1	15	14	1	6	1	2	4	5	11	0	1					
Thorney Island, Sussex																																												
4	3	1012.4	-	8.9	0.9	10.1	87	5.3	1	8	3	10	9	0	0	0	0	0	0	0	0	2	1	6	12	10	0	0	2	11	18	0	9	2	1	1	4	8	5	1				
	9	1013.3	-3.2	11.4	1.7	10.7	79	6.1	0	3	4	16	8	0	0	0	0	0	0	0	0	1	7	9	11	3	0	3	16	12	0	8	1	1	2	6	8	4	1					
	15	1013.3	-	13.0	2.4	10.9	73	6.3	0	3	6	12	10	0	0	0	0	0	0	0	0	0	3	4	7	13	4	0	3	18	10	0	2	5	0	5	7	9	3	0				
	21	1013.6	-	10.5	1.3	10.6	83	5.2	1	8	4	9	9	0	0	0	0	0	0	0	0	0	3	7	10	8	3	0	4	11	16	0	6	0	3	4	1	10	7	0				
Eastbourne Coastguard, Sussex																																												
7	9	1012.7	-3.8	11.7	1.7	10.9	79	6.4	0	0	8	12	11	0	0	0	0	0	0	0	0	2	13	11	5	0	0	4	10	17	0	7	1	2	0	6	4	9	2					
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	21	1012.9	-	11.1	1.5	10.9	82	5.3	4	2	7	6	12	0	0	0	0	0	0	0	0	1	0	8	17	5	0	0	5	13	10	3	7	1	3	1	2	3	10	1				
Abingdon, Berkshire																																												
71	3	1011.8	-	7.6	0.8	9.4	89	5.5	0	7	5	10	9	0	0	0	0	0	0	0	0	4	5	14	8	0	0	0	4	26	1	9	0	2	3	4	7	4	1					
	9	1012.5	-3.9	11.0	1.9	10.1	77	6.7	0	1	4	17	9	0	0	0	0	0	0	0	0	4	5	9	12	1	0	0	14	17	0	8	1	0	4	7	7	4	0					
	15	1012.1	-	13.5	3.2	10.1	66	7.0	0	0	2	21	8	0	0	0	0	0	0	0	0	0	3	13	12	3	0	0	18	13	0	7	2	1	1	8	6	6	0					
	21	1012.7	-	9.7	1.3	10.0	82	5.3	0	10	2	11	8	0	0	0	0	0	0	0	0	1	7	11	9	2	0	0	9	21	1	7	3	0	1	8	8	3	0					
Hurn, Hampshire																																												
14	3	1012.2	-	8.0	0.8	9.5	88	5.1	2	6	6	8	9	0	0	0	0	0	0	0	0	1	3	11	12	4	0	0	1	3	23	4	5	0	1	0	5	10	3	3				
	9	1013.0	-3.5	11.1	2.0	10.1	76	6.5	0	1	3	18	9	0	0	0	0	0	0	0	0	1	4	6	9	11	0	0	1	18	12	0	8	0	0	4	4	10	3	2				
	15	1012.8	-	13.1	2.9	10.2	68	6.5	0	0	7	15	9	0	0	0	0	0	0	0	0	0	5	6	6	13	1	0	2	18	11	0	4	0	0	7	11	1	4					
	21	1013.2	-	9.9	1.2	10.3	84	5.3	1	7	3	12	8	0	0	0	0	0	0	0	0	2	5	8	8	8	0	0	2	6	21	2	4	2	1	2	6	8	5	1				
South Farnborough, Hampshire																																												
70	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	1012.8	-3.5	11.4	1.9	10.4	77	6.5	0	2	3	18	8	0	0	0	0	0	0	0	0	1	4	5	17	4	0	0	17	14	0	6	3	0	3	4	11	3	1					
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Lyneham, Wiltshire																																												
149	3	1012.1	-	7.4	0.7	9.3	90	5.9	0	6	4	8	13	0	0	0	0	0	0	0	0	1	2	9	11	7	0	0	1	5	23	2	6	1	0	2	8	6	4	2				
	9	1012.7	-4.0	9.9	1.4	10.0	82	6.6	0	1	4	19	7	0	0	0	0	0	0	0	0	1	1	5	11	11	2	0	1	18	12	0	7	1	0	1	8	7	6	1				
	15	1012.3	-	12.2	2.4	10.3	73	7.0	0	0	3	17	11	0	0	0	0	0	0	0	0	0	2	2	11	11	5	0	2	22	6	1	5	2	1	1	8	7	5	1				
	21	1013.0	-	9.2	1.2	9.9	85	6.1	0	5	3	12	11	0	0	0	0	0	0	0	0	1	2	8	10	8	2	0	0	13	16	2	6	1	0	1	7	8	5	1				
Boscombe Down, Wiltshire																																												
128	3	1012.2	-	7.0	0.6	9.1	91	5.1	2	8	3	11	7	0	0	0	0	0	0	0	0	1	0	2	9	14	5	0	0	12	18	1	6	0	2	2	7	4	7	2				
	9	1012.7	-4.0	10.6	1.7	10.0	78	6.9	0	0	2	23	6	0	0	0	0	0	0	0	0	0	2	6	18	5	0	0	2	21	8	0	5	3	0	2	5	6	8	2				
	15	1012.5	-	12.5	2.5	10.3	71	6.9	0	0	4	16	11	0	0	0	0	0	0	0	0	0	0	6	11	11	3	0	1	21	9	0	5	3	1	1	6	7	6	2				
	21	1013.2	-	8.8	1.0	9.8	86	5.4	0	7	5	9	10	0	0	0	0	0	0	0	0	0	3	10	12	6	0	0	1	11	17	2	4	3	1	2	4	4	8	3				
Upavon, Wiltshire																																												
177	9	1012.8	-	10.1	1.3	10.3	83	6.7	0	0	3	20	8	0	0	0	0	0	0	0	0	0	3	6	13	7	2	0	1	15	13	2	5	3	0	3	4	6	8	0				
	15	1012.5	-	12.4	2.3	10.6	74	6.8	0	0	4	19	8	0	0	0	0	0	0	0	0	0	0	6	10	10	5	0	3	13	14	1	4	0	2	8	5	6	1					
	21	1013.4	-	8.8	0.9	9.9	88	5.7	1	4	6	10	10	0	0	0	0	0	0	0	0	1	2	7	12	8	1	0	2	6	17	6	5	2	0	1	5	3	8	1				
7a ENGLAND NW																																												
Carlisle, Cumberland																																												
28	3	1009.9	-	7.6	0.8	9.3	88	6.0	0	2	10	9	10	0	0	0	0	0	0	0	0	0	7	16	7	1	0	0	8	16	7	2	4	5	6	0	3	3	1					
	9	1010.5	-5.8	10.9	2.0	9.9	76	6.5	0	0	8	18	7	0	0	0	0	0	0	0	0	0	4	12	15	0	0	0	15	14	2	4	3	2	6	3	6	3	3					
	15	1010.1	-	13.0	3.1	9.7	85	6.6	0	1	4	20	6	0	0	0	0	0	0	0	0	0	0	9	12	7	0	1	17	13	0	4	2	2	5	6	8	1						
	21	1010.6	-	9.5	1.4	9.8	82	5.9	0	4	5	13	9	0	0	0	0	0	0	0	0	0	6	17	4	4	0	0	8	21	2	3	2	6	6	2	8	1	1					
Squires Gate, Lancashire																																												
11	3	1010.2	-	7.6	0.7	9.5	91	5.5	1	3	8	14	5	0	0	0	0	0	0	0	0	1	0	7	5	12	6	0	0	4	9	18	0	3	3	4	9	2	3	6	1			
	9	1011.1	-5.1	11.4	1.9	10.4	77	6.1	0	1	9	18	3	0	0	0	0	0	0	0	0	0	1	6	15	8	1	1	5	16	9	0	1	6	1	2	9	6	2	4				
	15	1010.7	-	12.8	2.4	10.8	73	6.7	0	0	4	17	10	0	0	0	0	0	0	0	0	0	0	3	12	13	3	0	3	22	6	0	1	2	2	3	5	3	8	7				



Table 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																		
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW		
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	11-21	1-10									0	
																																						speed (kt)
8a SOUTH WALES - continued																																						
Rhoose, Glamorgan																																						
69	3	1011.6	-	8.2	0.9	9.6	88	5.4	1	6	7	4	13	0	0	0	0	1	0	0	8	16	6	0	0	2	9	19	1	1	3	1	2	5	4	10	4	
	9	1012.3	-4.2	10.5	1.7	10.0	78	6.6	0	1	7	13	10	0	0	0	0	0	2	5	17	7	0	0	3	14	14	0	5	3	1	6	3	4	9	0		
	15	1012.1	-	12.2	2.4	10.3	73	6.5	0	0	8	12	11	0	0	0	0	0	1	7	14	7	2	0	5	18	8	0	2	4	0	6	3	3	13	0		
	21	1012.5	-	9.6	1.2	10.1	84	5.5	0	6	7	9	9	0	0	0	0	1	0	9	14	5	2	0	1	13	16	1	2	4	0	4	3	3	12	2		
8b ENGLAND SW																																						
Yeovilton, Somerset																																						
23	3	1012.6	-	8.5	1.1	9.5	85	5.5	4	2	6	8	11	0	0	0	0	1	4	17	9	0	0	0	0	9	14	8	5	0	0	4	4	5	5	0		
	9	1013.1	-	11.4	2.3	9.8	72	6.4	0	1	8	9	13	0	0	0	0	0	5	11	14	1	0	0	1	24	6	0	5	3	0	3	7	6	6	1		
	15	1012.9	-	13.3	3.2	9.8	65	6.3	0	0	9	11	11	0	0	0	0	2	10	11	8	0	0	2	24	5	0	4	4	1	0	11	3	5	3			
	21	1013.3	-	10.3	1.8	9.7	77	5.9	0	3	8	9	11	0	0	0	0	5	11	13	2	0	0	2	12	13	4	2	4	1	3	4	6	5	2			
Portland Bill Coastguard, Dorset																																						
54	3	1012.4	-	9.2	0.6	10.8	92	5.0	2	7	6	8	7	1	0	0	1	0	2	15	11	1	1	1	3	17	10	0	6	3	1	0	6	2	13	0		
	9	1013.3	-	10.4	0.9	11.2	89	5.5	0	4	9	8	9	1	0	0	0	1	3	2	13	6	0	1	3	21	6	0	7	2	0	2	5	4	11	0		
	15	1013.3	-	12.0	1.2	12.0	86	6.1	0	2	8	10	11	0	0	0	0	1	4	4	7	11	4	0	1	4	17	9	0	5	2	1	3	7	9	1		
	21	1013.5	-	10.1	0.7	11.3	91	5.7	0	6	7	7	10	1	0	0	0	1	2	3	11	12	2	0	0	6	14	10	1	4	3	2	0	5	2	10	4	
Hartland Point, Devon																																						
93	3	1012.7	-	8.8	0.4	10.7	95	5.0	0	7	8	9	7	0	0	0	0	0	0	2	14	14	1	2	5	13	10	1	1	5	0	2	3	6	10	3		
	9	1012.5	-	9.9	0.8	10.9	89	6.3	0	1	6	18	6	0	0	0	0	1	0	4	18	6	2	2	4	16	7	2	2	4	0	1	4	8	8	2		
	15	1013.4	-	10.7	0.8	11.5	90	6.3	0	2	8	7	14	0	0	0	0	0	7	15	7	2	2	7	12	8	2	1	5	0	1	1	5	12	4	1		
	21	1013.2	-	9.7	0.5	11.2	93	5.4	0	2	15	8	6	0	0	0	0	0	1	5	13	12	0	3	7	10	9	2	3	4	0	0	2	6	13	1		
Mount Batten, Devon																																						
30	3	1012.9	-	9.0	0.9	10.2	88	5.3	1	6	6	7	11	0	0	0	0	0	0	7	21	3	0	0	4	11	13	3	4	1	0	2	5	4	11	1		
	9	1013.6	-2.7	10.8	1.5	10.5	80	6.8	0	0	3	21	7	0	0	0	0	1	0	7	18	5	0	0	2	19	9	1	4	3	1	2	5	9	6	0		
	15	1013.6	-	12.0	2.1	10.6	77	6.5	0	2	6	9	14	0	0	0	0	1	2	10	6	7	5	0	7	20	4	0	3	3	1	1	6	12	4	1		
	21	1014.0	-	10.3	1.2	10.6	84	6.0	0	4	5	14	8	0	0	0	0	1	1	10	14	5	0	1	1	13	15	1	6	1	1	1	4	9	7	1		
Chivenor, Devon																																						
7	3	1012.1	-	8.5	0.8	10.0	89	5.4	0	7	5	11	8	0	0	0	0	0	0	5	18	8	0	0	3	7	16	5	2	1	6	3	1	4	9	0		
	9	1012.7	-3.4	11.3	1.8	10.5	78	6.6	0	1	3	21	6	0	0	0	0	0	1	2	12	15	1	0	2	21	7	1	5	3	0	4	5	3	10	0		
	15	1012.7	-	12.6	2.2	10.9	75	6.1	0	4	5	12	10	0	0	0	0	0	7	6	13	5	0	5	22	4	0	6	1	0	0	6	3	13	2			
	21	1013.1	-	10.2	1.2	10.5	84	5.8	0	1	10	15	5	0	0	0	0	0	0	4	13	13	1	0	2	11	12	6	3	2	0	4	0	6	10	0		
Prawle Point, Devon																																						
-	3	-	-	-	-	-	-	4.5	5	3	9	4	10	0	0	0	0	1	0	20	10	0	0	3	4	18	6	0	8	1	0	1	4	3	14	0		
	9	-	-	-	-	-	-	6.5	0	0	7	15	9	0	0	0	0	1	1	16	13	0	0	3	6	18	3	1	2	6	1	0	5	1	15	0		
	15	-	-	-	-	-	-	6.4	0	1	5	13	12	0	0	0	0	1	4	11	15	0	0	1	9	14	7	0	2	4	2	1	5	4	13	0		
	21	-	-	-	-	-	-	5.2	1	4	11	6	9	0	0	0	0	0	1	6	12	12	0	0	3	4	14	8	2	6	2	1	0	3	6	11	0	
Exeter, Devon																																						
38	3	1012.3	-	8.1	0.6	10.0	92	5.1	1	8	6	6	10	0	0	0	0	0	3	4	16	8	0	0	1	7	18	5	5	1	0	3	7	2	7	1		
	9	1013.0	-3.4	11.1	1.7	10.5	79	6.8	0	1	3	17	10	0	0	0	0	0	1	5	6	17	2	0	3	19	9	0	4	4	0	4	6	2	8	3		
	15	1012.8	-	12.6	2.2	10.9	75	6.9	0	1	3	15	12	0	0	0	0	0	8	7	6	10	1	1	21	8	0	4	3	0	2	7	2	8	5			
	21	1013.4	-	9.7	1.0	10.5	87	5.5	0	8	3	10	10	0	0	0	0	1	0	6	10	11	3	0	0	8	21	2	4	1	1	3	7	5	7	1		
Scilly, Cornwall																																						
61	3	1013.1	-	9.4	0.8	10.6	90	4.2	2	9	7	9	4	0	0	0	0	0	0	7	9	13	2	1	2	19	8	1	7	1	0	1	6	6	8	1		
	9	1013.6	-2.5	10.6	1.2	10.9	86	5.8	0	4	7	10	9	1	0	0	1	0	1	2	8	10	6	3	0	5	19	7	0	9	0	0	8	8	6	0		
	15	1013.7	-	11.3	1.5	10.9	81	5.3	2	2	8	13	6	0	0	0	0	1	2	9	12	5	2	0	2	25	4	0	7	0	0	1	6	7	9	1		
	21	1014.3	-	9.6	0.8	10.6	89	5.1	2	3	9	10	7	0	0	0	0	0	2	10	10	7	2	0	3	15	10	3	7	0	0	1	4	6	9	1		
Gwennap Head, Cornwall																																						
70	3	1012.5	-	9.2	0.3	11.1	96	4.3	5	7	5	4	10	0	0	0	0	0	1	7	17	5	1	1	6	20	3	1	4	0	0	2	11	8	1			
	9	1013.0	-	10.2	0.7	11.2	90	5.9	0	4	6	11	10	0	0	0	0	1	2	10	12	2	0	0	11	18	2	0	5	3	0	0	2	14	6	1		
	15	1013.1	-	11.0	0.9	11.7	90	5.2	0	6	9	8	8	0	0	0	0	0	4	8	15	4	0	0	11	19	1	0	7	1	0	0	3	11	7	2		
	21	1013.6	-	9.7	0.4	11.4	94	4.9	1	6	8	9	7	0	0	0	0	1	1	11	15	3	0	1	3	23	4	0	7	0	0	2	11	10	1			
St Mawgan, Cornwall																																						
107	3	1012.8	-	8.6	0.6	10.4	92	5.4	1	5	7	9	9	0	0	0	0	1	1	11	13	5	0	0	4	7	18	2	4	2	1	1	7	4	9	1		
	9	1013.3	-2.6	10.4	1.4	10.4	82	6.7	0	1	1	20	9	0	0	0	0	0	1	6	14	8	2	0	4	19	8	0	8	1	0	0	8	6	7	1		
	15	1013.4	-	11.6	1.9	10.6	78	6.2	0	3	4	16	7	1	0	1	0	0	1	7	8	10	4	0	4	24	3	0	6	1	0	0	8	3	10	3		
	21	1013.9	-	9.4	0.9	10.5	89	5.3	0	7	6	14	4	0	0	0	0	0	2	8	12	7	2	0	2	11	18	0	8	0	0	1	7	5	10	0		
NORTHERN IRELAND																																						
Moneydy, Co. Londonderry																																						
35	9	1009.0	-	10.4	1.5	10.2	81	6.1	0	3	7	14	7	0	0	0	0	0	0	7	12	12	0	0	4	14	13	0	3	2	1	9	7	3	1	5		
	15	1008.8	-	12.1	2.2	10.6	75	6.4	0	2	4	16	9	0	0	0	0	0	1	6	6	18	0	0	1	23	7	0	7	1	2	6	6	2	2			
	21	1009.2	-	8.9	0.8	10.1	88	5.5	0	6	6	13	6	0	0	0	0	1	2	9	10	9	0	0	0	13	18	0	4	0	3	4	11	2	3	4		
Aldergrove, Co. Antrim																																						
73	3	1009.2	-	7.4	0.8	9.2	89	5.8	0	1	12	11	7	0	0	0	0	0	2	7	14	6	2	0	0	7	24											



Table 5 Number of days with maximum and minimum temperatures between given limits

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Station	maximum °C							minimum °C							Station	maximum °C							minimum °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 (psychrometer) .. ..	0	0	15	16	0	0	0	0	0	0	0	0	5	26	0	0	Edgbaston .. ..	0	0	0	26	5	0	0	0	0	0	0	0	0	4	26	1	0	
Lerwick (large screen) .. ..	0	0	16	15	0	0	0	0	0	0	0	0	5	26	0	0	Kew (psychrometer) .. ..	0	0	0	13	18	0	0	0	0	0	0	0	0	1	9	17	4	0
Stornoway .. ..	0	0	1	28	2	0	0	0	0	0	0	0	8	23	0	0	Kew (north-wall screen) .. ..	0	0	0	10	21	0	0	0	0	0	0	0	0	5	20	6	0	
Craibstone .. ..	0	0	7	23	1	0	0	0	0	0	0	0	11	20	0	0	Hastings .. ..	0	0	0	24	6	1	0	0	0	0	0	0	0	24	7	0	0	
Rothsay .. ..	0	0	0	28	3	0	0	0	0	0	0	0	6	25	0	0	Southampton .. ..	0	0	0	21	10	0	0	0	0	0	0	0	0	3	23	5	0	
Abbotsinch .. ..	0	0	1	20	10	0	0	0	0	0	0	0	8	22	1	0	Stonyhurst .. ..	0	0	0	26	5	0	0	0	0	0	0	0	0	10	19	2	0	
Eskdalemuir (psychrometer) ..	0	0	5	23	3	0	0	0	0	0	0	4	9	18	0	0	Rhyl .. ..	0	0	0	25	6	0	0	0	0	0	0	0	0	4	27	0	0	
Eskdalemuir (large screen) ..	0	0	3	24	4	0	0	0	0	0	0	4	8	19	0	0	Valley .. ..	0	0	0	30	1	0	0	0	0	0	0	0	1	29	1	0		
Douglas .. ..	0	0	3	28	0	0	0	0	0	0	0	0	10	21	0	0	Rhoose .. ..	0	0	1	28	2	0	0	0	0	0	0	0	0	6	25	0	0	
Acklington .. ..	0	0	2	21	8	0	0	0	0	0	0	0	13	17	1	0	Falmouth .. ..	0	0	0	31	0	0	0	0	0	0	0	0	0	3	28	0	0	
Gorleston .. ..	0	0	0	22	9	0	0	0	0	0	0	0	0	26	5	0	Aldergrove .. ..	0	0	3	25	3	0	0	0	0	0	0	0	0	7	24	0	0	
Cambridge Botanic Gardens	0	0	0	12	19	0	0	0	0	0	0	0	11	16	4	0	Armagh .. ..	0	0	0	19	12	0	0	0	0	0	0	0	9	22	0	0		

Table 6 Summary of autographic records of wind

May 1972

District, county and place			height of vane (metres)			distribution of hourly mean values of wind speed										hourly wind mean speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			above MSL	above ground	effective height	34 kt or more (gale force)				22-33 kt		11-21 kt	4-10 kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
						dates of occurrence	duration (hours)	no. of days	duration in hours				veer from N	speed (kt)	hour ended at day		hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Table 6 Summary of autographic records of wind

May 1972

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Table 3 Additions and corrections

Year	Month	Station	max. min. terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)														bright sunshine			
					means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	snow or sleet	snow lying at 9h	hail	ice pellets etc.	thunder heard	fog at 9h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure				
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																		
1968	September	Ushaw				8.8	12.3	-0.2																												
1971	Annual	Ushaw				4.6																														
	January	Dovercourt																																		
		Wittering																																		
		Hempsted																																		
	February	Church Stretton				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	March	St Albans																																		
	May	Aber				15.6	7.8	11.7	+0.4	20.2	6.13	3.4	2.3	-	10.3	38	57	10	26	16	7	0	0	0	0	0	0	2	0	0	4	-	0	7.66	116	-
	June	Aber				15.6	9.6	12.6	-1.5	22.6	2	5.0	1	-	11.7	89	131	25	18	16	10	0	0	0	0	0	0	0	0	0	0	-	0	4.01	59	-
		Stanstead Abbots				17.9	8.6	13.3	-																											
		Slaidburn				14.8	7.3	11.1																												
	February	East Dereham																																		
		Ilkley				7.2	1.4	4.3	-	11.7	4	-5.0	17	-	-	57	68	13	12	9	7	7	3	0	1	0	1	6	-	-	-	0	2.12	-	-	
	March	Ilkley				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	April	Dovercourt				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	December	Hempsted				8.9	4.3	6.6	-	13.6	21	-5.8	1	7.8	9.3	31	46	10	9	10	7	2	0	0	0	0	0	1	4	11	-	0	0.84	-	-	
	May	Ilkley				16.4	-	-	-																											
	July	Hull																																		
	Ilkley																																			
	Aber				19.6	11.9	15.7	+0.1	24.9	7	7.0	18	-	14.4	66	85	17	30	9	9	0	0	0	0	4	0	0	0	-	0	6.76	-	-			
August	Aber				18.6	12.1	15.3	-0.4	22.1	26	6.7	17	-	14.7	128	140	32	10	18	14	0	0	0	0	0	1	0	0	-	0	7.09	129	-			
October	Aber				16.3	9.7	13.0	+1.7	22.2	1	3.5	15	-	12.6	105	89	40	18	13	12	0	0	1	0	1	0	0	2	-	0	4.09	79	-			

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DUPLICATE

THE METEOROLOGICAL OFFICE

# MONTHLY WEATHER

COMPILED FROM RETURNS OF OFFICIAL AND



Met. O. 852 UDC 551 506 1(41-4)

**JUNE**

VOLUME 89

**1972**

NUMBER 6



## Abnormally cool; generally changeable and dull

Throughout the month depressions and troughs of low pressure frequently affected the British Isles. Low pressure was concentrated mostly to the north and west of Scotland although it was sometimes centred over the British Isles during the first half of the month.

### Weather

Generally changeable and dull weather led to an abnormally cool month with temperature almost continuously below average. In addition rain or showers were a frequent occurrence, especially in the north and west, but eastern areas had below average rainfall. Snow or sleet (rain or drizzle and snow) occurred in the Scottish Highlands on the 2nd and 3rd and fell again in these regions around the 20th.

### Wind

During the first week and again during the last 12 days winds were often fresh but gales were reported only locally, mainly over exposed coasts in the north and west. On the 17th a generally windy spell commenced when many areas in the north and west of the United Kingdom had gusts of 40-50 kt and one of 53 kt was recorded at Duirinish (Ross and Cromarty). At times during the next 5 days strong gusts occurred in many areas.

### Temperature

Monthly mean temperature everywhere was below average and substantially so in many districts, notably in the Midlands and southern England where deficits reached around 3.5 degC in places. Taking a broad view it was probably the coolest June this century in Northern Ireland and the coolest since 1916 over England and Wales, while over much of Scotland except the extreme north it was the coolest June since 1928. However, locally it was undoubtedly the coolest June for a considerably longer period, for example in the Falmouth area of Cornwall since at least 1869 and in the Manchester and Ross-on-Wye (Herefordshire) areas since at least 1886. The extent of this abnormally cool weather is illustrated by the following selection of stations with continuous records where it was the lowest monthly mean temperature since the year given: Bournemouth (Hampshire) and Rhyll (Flintshire) since records began in 1905; Teignmouth (Devon) since records began in 1910; Helensburgh (Dunbarton) since records began in 1915; Bradford (West Riding of Yorkshire) and Rothamsted (Hertfordshire) since 1916; Onich (Inverness-shire) since 1923; Armagh since 1927. The absence of any break in the coolness is indicated by the fact that over large regions of the United Kingdom the temperature did not reach 21°C - a very unusual occurrence for June. In fact the highest temperatures recorded during the month in Scotland (21.7°C) and in England and Wales (23.0°C) were almost certainly the lowest in these countries since at least 1856 and 1884 respectively. With the exception of a few days around the 16th temperature throughout

the month was more or less continuously below average in most districts, especially by day. A cold night on the 31 May/1 June set the tone and slight air frost occurred in parts of east Scotland and it happened there again two nights later. Overnight slight air frost was reported again later in the month in upland areas, for example in Wales on the 11th/12th and in Scotland on the 19th/20th. Ground frost was a frequent occurrence in Scotland and it occurred also farther south at times. Exceptions to the generally low temperature occurred on a few days around mid-month in many areas and during the last week in eastern districts; 22.4°C was recorded at Virginstow (Devon) on the 15th, 21.7°C was recorded in east Scotland on the 16th, 22.2°C was recorded at East Dereham (Norfolk) on the 17th, and 23.0°C and 22.2°C occurred at Gillingham (Kent) and East Dereham respectively on the 26th.

### Rainfall

Rainfall in parts of south-east Scotland and over much of East Anglia and south-east England was below average and in the London area it was locally less than half the average. However, elsewhere in the United Kingdom rainfall was above average, notably in south-west England, Wales and west Scotland. It was the wettest June at Truro waterworks (Cornwall) since 1912 and at Eallabus (Argyll) since 1919. Rain or showers (occasionally thundery) were a frequent occurrence; some places in western and northern districts recorded rainfall on every day. In general the month was less thundery than usual and occurrences of thunderstorms were mostly local but some places in north-east England reported thunder on 5-8 days. The heavy rainfall experienced in parts of the west and north was generally associated with troughs of low pressure. Heavy overnight rain in south-

west England on the 12th/13th led to a fall of 56.7 mm at Penryn (Cornwall) in the 24 hours commencing at 09 GMT on the 12th. Heavy rain on the 17th in west Scotland and Northern Ireland spread to western England overnight; in the 24 hours from 09 GMT on the 17th a rainfall of 185.0 mm was recorded at Honister (Cumberland) and most of the 78.0 mm recorded during the same period at Long House, near Langdales (Westmorland) fell in the 12-hour period from about 18 GMT. On the 25th/26th rainfall was again heavy and prolonged in north-west England and also in Wales; at 09 GMT on the 26th a 24-hour rainfall of 75.2 mm was recorded at Doppog, near Blaenau Ffestiniog (Merioneth).

### Sunshine

Sunshine amounts were below average over most of England, Wales and Northern Ireland but in many areas deficits were small. However, it was very dull in parts of Wales, the Midlands and western England, particularly in the south-west. It was the dullest June recorded along parts of the south coast of Devon since 1890. Sunshine over Scotland was generally near average but Fort William (Inverness-shire) had its dullest June since 1932.

### Fog

Morning fog patches formed during the period 12th to 16th mainly in the Midlands and eastern England but also in southern Scotland on a few occasions. On the 16th and 17th and again on the 27th sea fog affected coasts in south-west England.

### Miscellaneous phenomena

The aurora was seen by observers in Scotland on 1 night.

Table 1 District values

June 1972

District		air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
		Highest Max. †	Lowest Min. †	max.	min.	mean				
				difference from average						
0	Scotland N	18.5	2.0	−1.3	−1.4	−1.3	—	+4	132	91
1	Scotland E	21.7	2.4	−1.5	−1.2	−1.3	−1.0	+4	121	96
2	England N E	19.7	2.3	−1.8	−1.2	−1.5	−1.0	+7	144	82
3	England E	21.7	2.6	−2.5	−1.6	−2.0	−1.6	+4	85	86
4	Midlands	20.4	3.2	−3.3	−1.8	−2.6	−2.1	+5	139	75
5	England S E	21.1	0.7	−3.5	−2.2	−2.8	−1.9	+4	96	81
6	Scotland W	19.7	0.9	−2.7	−1.9	−2.3	−1.2	+7	152	98
7	Eng N W - Wales N	18.5	3.2	−3.3	−1.7	−2.5	−2.4	+7	153	79
8	Eng S W - Wales S	19.2	1.0	−3.8	−2.5	−3.1	−1.9	+10	179	61
	N Ireland	18.1	0.5	−2.9	−2.6	−2.8	—	+5	125	95
	Scotland	21.7	−0.9	−1.8	−1.5	−1.6	—	+5	134	95
	Eng - Wales	21.7	0.7	−3.1	−1.8	−2.4	—	+6	138	77

† Highest max. and lowest min. of the District Value Stations

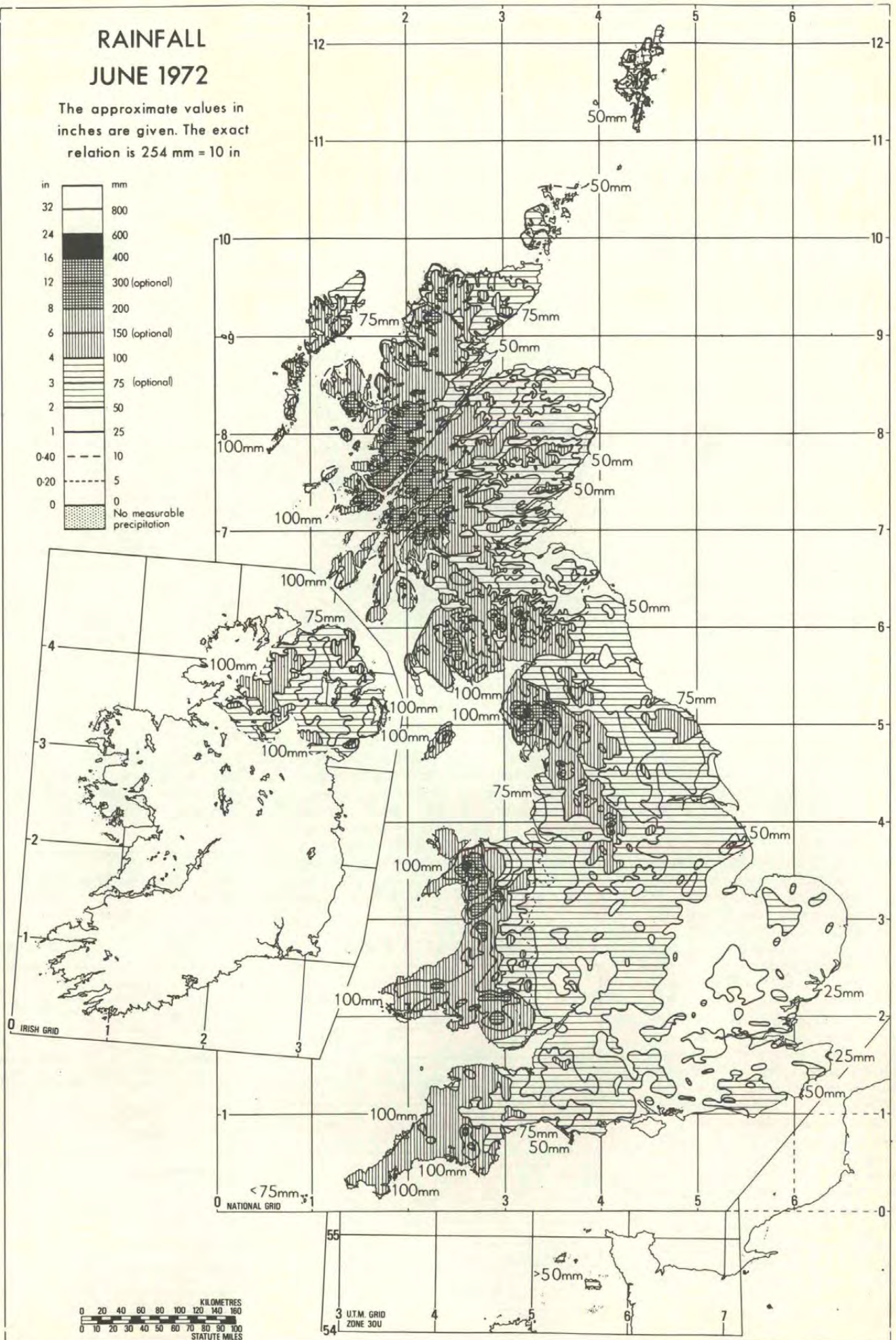
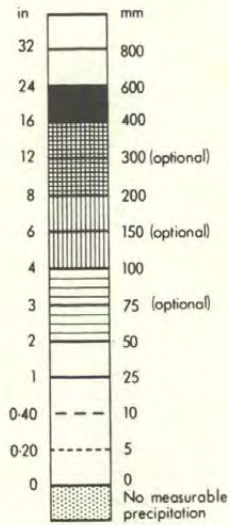
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# RAINFALL

JUNE 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





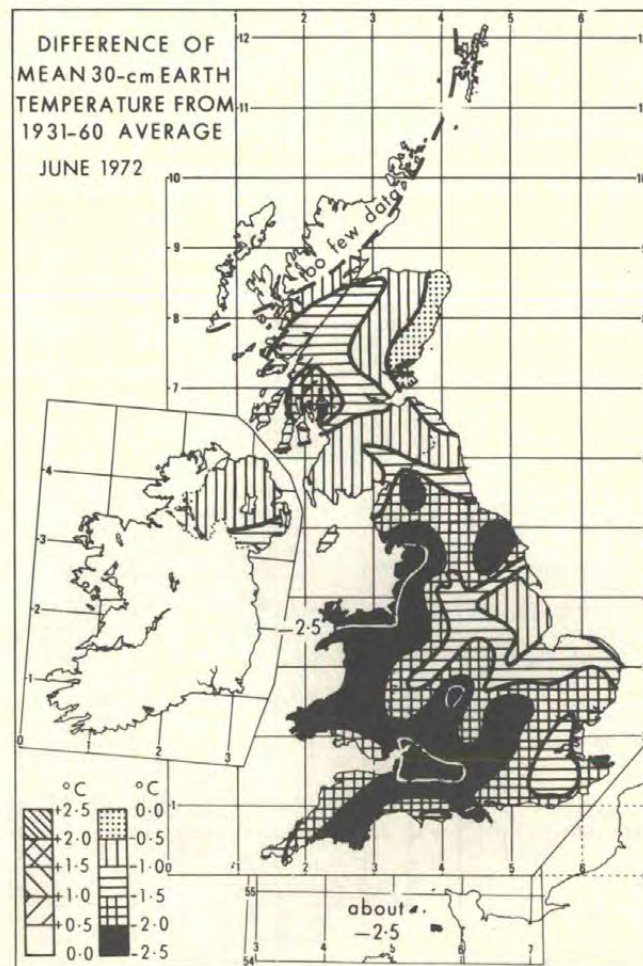
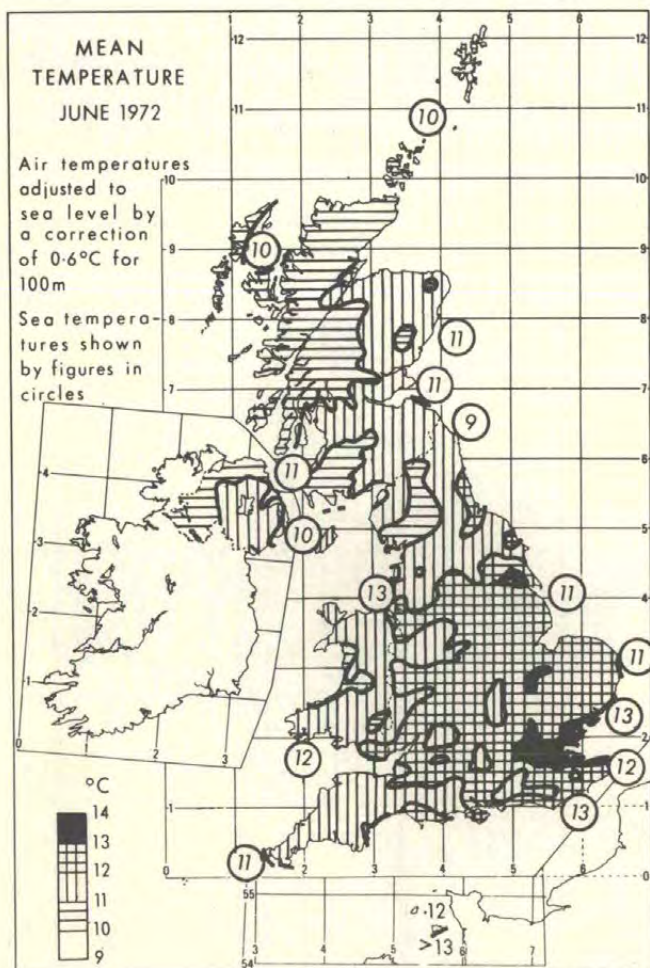
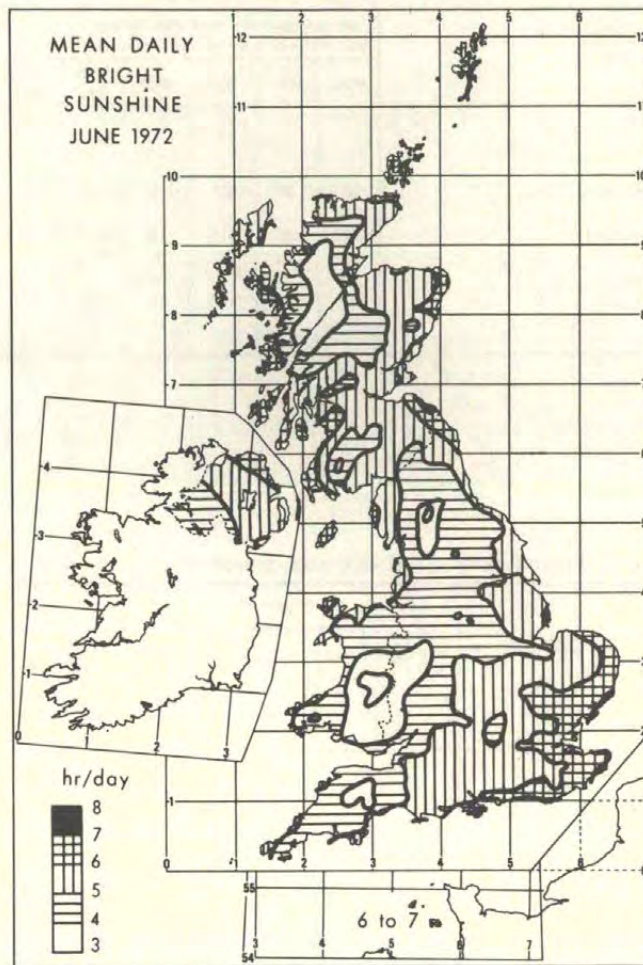
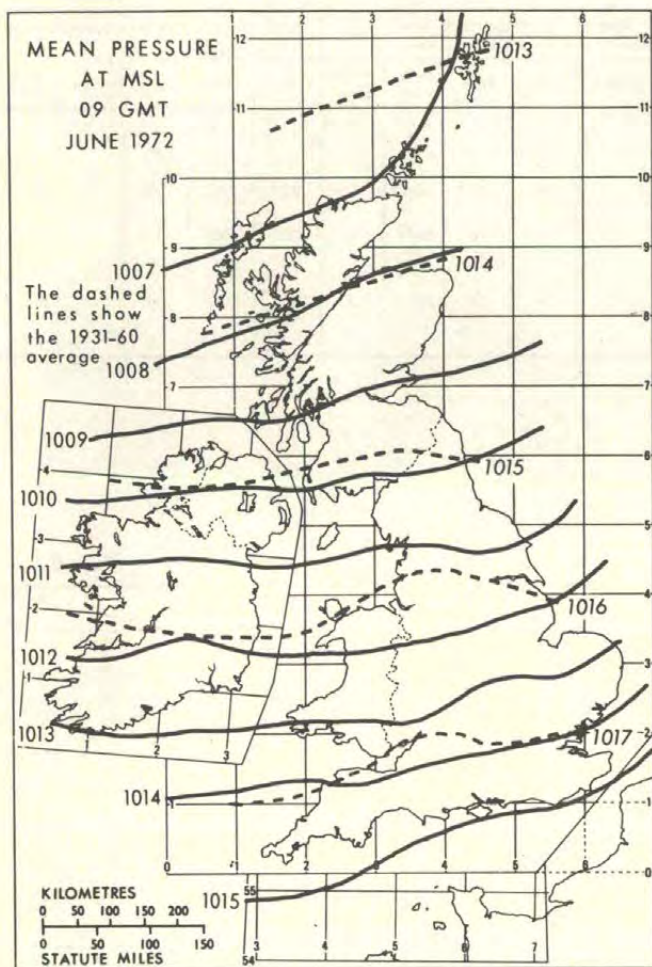












Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine					
			means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date																								
1 SCOTLAND E — continued																																		
Roxburgh	9 9	155	14.6	5.9	10.3	-	19.2	16	2.1	7	-	-	64	101	11	17	20	13	0	0	2	0	0	0	0	0	0	0	0	0	1	-	-	
Wauchope	9 9	34	16.0	6.9	11.5	-	19.9	16	2.6	9.29	-	-	49	-	12	8	17	11	0	0	0	0	2	0	0	0	0	0	0	0	5.62	-	-	
Kelso	9 9	221	14.1	5.8	9.9	-2.2	18.4	30	2.5	9	-	-	39	-	8	4	16	8	0	0	0	0	0	0	0	0	0	0	0	0	5.33	-	-	
Sourhope (see Introduction)	9 9																																	
6a SCOTLAND W																																		
Argyll	21-9	9	12.8	8.0	10.4	-1.8	14.5	13	5.9	1.9	-	-	90	127	12	27	22	17	0	0	0	3	1	0	0	0	0	0	0	2	6.93	103	-	
Tiree	9 9	18	13.6	6.9	10.3	-	15.6	26	3.2	1	-	-	110	-	14	26	20	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Port Ellen	21-9	20	13.0	7.9	10.5	-	15.5	29	5.0	4	-	-	136	151	25	17	22	16	0	0	0	0	0	0	0	0	0	0	0	0	1	-	-	
Rhuvaal	9 9	30	13.2	7.7	10.5	-2.0	15.0	13.17.29	5.0	1.28	-	-	130	155	26	26	22	18	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Colonsay	9 9	37	14.3	6.1	10.2	-	18.7	13	1.6	1	-	-	143	-	21	17	22	20	0	0	0	2	0	0	0	0	0	0	0	0	9	-	-	
Aros	21-9	10	13.6	7.6	10.6	-	16.3	25	3.6	9	-	-	93	139	12	17	18	17	0	0	0	1	0	0	0	0	0	0	0	0	6.36	-	-	
Machrihanish	9 9	12																																
Campbeltown	9 9	15	13.6	6.1	9.9	-	18.0	13	1.1	1	-	-	177	-	25	17	23	22	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Polloch	9 9	40	14.0	5.8	9.9	-	17.5	13	2.1	10	-	-	131	-	23	17	23	21	-	-	-	-	0	0	10	-	-	-	-	-	-	-		
Knapdale Forest	9 9	3	14.0	7.4	10.7	-	17.8	13	4.2	9	-	-	132	-	25	17	22	19	0	0	0	1	0	0	0	0	0	0	0	0	-	-		
Dunstaffnage	9 9	24	14.2	5.9	10.1	-	18.1	15	1.1	9	-	-	187	-	31	17	24	21	0	0	0	0	0	0	0	0	0	0	0	0	4	-	-	
Glenbranter	9 9	24	14.5	6.1	10.3	-	19.4	15	-0.3	1	-	-	212	-	34	20	27	23	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Glen Etive	9 9	12	14.6	6.4	10.5	-	18.7	15	2.7	1.9	-	-	181	140	35	17	25	17	0	0	1	0	0	0	0	0	0	0	0	0	-	-		
Benmore Younger Botanic Gardens	9 9																																	
Bute	21-9	18	14.2	8.3	11.3	-	17.8	15	5.4	1	-	-	127	-	24	17	24	18	0	0	0	0	0	0	0	0	0	0	0	0	3	6.64	-	
Kildonan	9 9	15	14.7	7.2	10.9	-	18.4	15	3.2	9	13.4	-	169	159	23	17	23	21	0	0	1	0	1	0	0	0	0	0	0	0	0	-	-	
Brodick Castle	9 9	43	14.6	7.2	10.9	-2.1	18.5	13.15	4.0	9	11.8	10.6	110	125	15	17	23	17	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Rothsay	9 9																																	
Dunbarton	9 9	15	14.0	7.7	10.9	-	18.8	15	4.1	9	-	-	161	-	18	17	23	20	0	0	0	0	1	0	0	0	0	0	0	0	-	-		
Finnart	9 9	89	13.9	6.6	10.3	-2.9	18.4	15	3.5	1	-	-	105	122	18	17	23	18	0	0	0	0	0	0	0	0	0	0	0	0	4.55	79	-	
Helensburgh	21-9	12	14.1	7.0	10.5	-	20.0	15	2.1	9	-	-	238	-	41	17	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Sloy	9 9	37	14.3	7.0	10.7	-	19.0	15	2.8	9	-	-	129	-	17	17	25	19	0	0	0	0	0	0	0	0	0	0	0	0	2	5.75	-	
Arrochymore	9 9	94	15.1	5.6	10.3	-	19.4	15	1.5	3	-	-	99	-	19	17	21	19	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Cumbernauld	9 9																																	
Stirling	21-9	335	12.7	5.2	8.9	-	16.7	15	3.0	3.6.9	-	-	137	-	25	17	23	18	0	0	0	0	0	0	0	0	0	0	0	0	3	5.42	-	
Earls Hill	9 9	38	16.1	6.7	11.4	-	19.9	15	1.4	9	13.4	12.1	100	-	17	17	26	18	0	0	0	0	1	2	0	0	0	0	0	0	4	5.15	-	
Stirling Batterflats	9 9	107	15.5	6.8	11.1	-	19.3	15	3.0	1.2	13.7	-	81	-	15	5	23	18	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Parkhead	9 9	3	15.2	7.4	11.3	-	17.8	15	4.2	3.9	-	-	77	-	15	17	17	16	0	0	0	0	0	0	0	0	0	0	0	0	0	5.04	-	
Falkirk Sewage Works	9 9	4	15.7	-	-	-	19.1	15	-	-	-	-	71	-	14	17	24	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Grangemouth	9 9																																	
Renfrew	9 9	61	14.2	7.8	11.0	-2.7	18.5	15	5.3	1	-	-	137	161	29	17	22	19	0	0	0	0	0	0	0	0	0	0	0	0	6.38	101	-	
Greenock	9 9	32	15.0	8.1	11.7	-2.4	20.8	15	5.2	9	12.3	11.1	103	159	19	17	25	19	0	0	0	0	0	0	0	0	0	0	0	0	0	5.69	96	-
Paisley	9 9	30	14.9	7.1	11.0	-	19.3	15	3.7	9	-	-	102	149	23	17	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Barrhead	21-9	5	15.1	6.9	11.0	-2.6	19.7	15	2.8	9	-	-	92	150	15	17	24	18	0	0	2	0	1	0	0	0	0	0	0	0	0	5.99	98	-
Abbotsinch	9 9																																	
Lanark	9 9	23	15.7	7.3	11.5	-	20.9	15	2.0	2	-	-	94	-	(14)	17	21	20	0	0	0	0	0	0	0	0	0	0	0	0	0	4.99	-	
Crossmyloof	9 9	178	13.8	6.6	10.2	-	17.6	15	3.4	1.9	-	-	135	-	27	17	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Kilbride	9 9	107	14.6	7.3	10.9	-2.6	19.1	15	5.0	1.9	-	-	98	148	17	17	24	19	0	0	0	1	1	2	0	0	0	0	0	0	0	5.62	96	-
Glasgow, Springburn	9 9	78	14.7	6.9	10.8	-2.3	20.4	15	3.5	9	-	-	86	152	15	17	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Coatbridge	9 9	387	13.7	4.8	9.3	-2.1	17.1	14	0.9	9	-	-	155	162	24	17	26	22	0	0	0	0	1	1	0	0	0	0	0	0	12	-	-	
Leadhills	9 9	274	12.9	5.1	9.0	-	17.0	15	-0.4	9	11.0	-	99	-	14	20	24	18	0	0	0	0	0	0	0	0	0	0	0	0	1	5.07	-	
Crawfordjohn	9 9	152	14.8	6.6	10.7	-	18.9	15	3.5	1	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.13	-	
Lanark	9 9	208	13.9	5.2	9.5	-2.4	17.4	15	0.2	1	11.5	-	73	135	10	17	21	19	0	0	0	0	0	0	0	0	0	0	0	0	4	-	-	
Carnwath	9 9	295	12.6	5.2	8.9	-	16.8	15	1.2	1	-	-	115	152	20																			



Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT)		height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)											bright sunshine		
	min. of observation	max. (a)		min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount (mm)	most in a day	precipitation	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
							max.	date	min.	date																				0.2 mm or more	1.0 mm or more
6b ISLE OF MAN																															
Isle of Man																															
Ronaldsway	21-9	16	13.9	8.3	11.1	-	16.9	13	3.0	12	-	-	102	189	17	4	21	19	0	0	0	0	0	0	0	0	0	6.45	-	-	
Douglas	9 9	87	13.2	8.3	10.7	-2.4	16.1	13	5.6	12	-	-	123	174	17	7	20	19	0	0	0	0	0	0	0	0	0	6.31	86	-	
Point of Ayre	21-9	9	15.1	8.1	11.6	-	17.2	17.24	4.2	12	-	-	97	197	17	4	22	20	0	0	0	0	0	0	0	0	0	6.50	-	-	
2 ENGLAND NE																															
Northumberland																															
Kielder Castle	9 9	201	14.4	4.7	9.5	-	17.2	16	-0.9	29	12.5	-	121	159	31	17	23	19	0	0	0	0	0	0	0	0	0	0	-	-	
Haydon Bridge	9 9	79	15.2	6.8	11.0	-	19.2	30	3.0	2.29	12.7	11.8	49	-	10	4	20	14	0	0	0	0	0	0	0	0	0	0	-	-	
Corbridge	9 9	49	15.6	6.5	11.1	-	18.5	30	1.4	2	-	-	51	-	10	29	21	16	0	0	0	0	0	0	0	0	0	0	-	-	
Berwick-on-Tweed	9 9	23	14.7	8.1	11.4	-1.0	19.9	16	4.9	9	-	-	38	89	7	19	14	8	0	0	0	0	0	0	0	0	0	0	6.40	101	
Acklington	21-9	42	15.3	6.7	11.0	-1.3	20.7	16	2.0	29	-	-	55	128	10	4	19	14	0	0	0	0	0	0	0	0	0	0	5.82	-	
Tynemouth	21-9	29	14.7	9.1	11.9	-1.0	19.5	16	6.8	2	-	-	55	122	13	10	17	8	0	0	0	0	0	0	0	0	0	0	5.47	90	
Seahouses	21-9	11	15.1	7.8	11.5	-	20.6	16	4.4	3	-	-	47	-	11	4	15	12	0	0	0	0	0	0	0	0	0	0	6.39	-	
Durham																															
Chopwellwood	9 9	136	15.2	7.0	11.1	-2.0	19.5	16	3.5	3	-	-	54	103	13	4	17	15	0	0	0	0	0	0	0	0	0	0	-	-	
Durham	9 9	102	15.4	7.2	11.3	-1.9	18.7	16	3.9	8	12.2	11.1	60	130	7	10	23	15	-	-	-	-	-	-	-	-	-	0	4.22	70	
Hartburn Grange	9 9	31	15.6	6.6	11.1	-	19.6	16	2.7	2	-	-	75	-	12	9.29	20	13	0	0	0	0	0	0	0	0	0	0	0	4.71	-
Hartlepool	9 9	9	15.8	8.8	12.3	-	20.3	16	5.6	2	-	-	72	159	14	9	22	17	0	0	0	0	0	0	0	0	0	0	0	5.08	-
Yorkshire N Riding																															
Leeming	21-9	32	15.9	7.9	11.9	-	19.5	16	4.7	2	-	-	69	146	10	4	21	15	0	0	0	0	0	0	0	0	0	0	0	4.54	-
Marton	9 9	46	16.0	7.9	11.9	-	20.1	16	5.0	2	12.5	11.2	87	-	17	9	22	16	0	0	0	0	0	0	0	0	0	0	0	4.62	-
York (Heslington)	9 9	20	16.1	8.2	12.1	-	18.8	16	3.9	2	13.0	12.2	63	-	17	10	21	12	0	0	0	0	0	0	0	0	0	0	0	4.71	-
Pickering	9 9	44	16.1	6.7	11.4	-	19.5	16	1.7	20	-	-	114	-	21	9	22	18	0	0	0	0	0	0	0	0	0	0	0	-	-
Scarborough	9 9	53	15.5	8.3	11.9	-	19.1	16	5.4	2	13.1	11.5	94	-	39	9	20	16	0	0	0	0	0	0	0	0	0	0	0	5.66	88
Silpho Moor	9 9	203	14.8	6.8	10.8	-	18.4	16	4.4	20	11.4	-	106	183	42	10	21	16	0	0	0	0	0	0	0	0	0	0	0	4.61	-
Whitby Coastguard	21-9	60	15.1	7.7	11.4	-	19.2	16	4.8	2	-	-	67	-	22	10	17	14	0	0	0	0	0	0	0	0	0	0	0	-	-
Yorkshire E Riding																															
High Mowthorpe	9 9	175	(14.5)	(7.1)	(10.8)	-	18.3	16	3.5	2	(11.1)	-	99	197	40	10	19	15	-	-	-	-	-	-	-	-	-	0	5.15	-	
Hull	9 9	2	17.1	9.0	13.1	-1.6	19.7	16	6.0	2	13.9	12.1	50	113	12	10	20	12	0	0	0	0	0	0	0	0	0	0	0	5.52	88
Filey	9 9	37	15.4	7.5	11.5	-	19.0	16	3.0	2	-	-	58	128	21	10	19	12	0	0	0	0	0	0	0	0	0	0	0	4.61	-
Bridlington	9 9	48	15.4	7.4	11.4	-1.5	19.2	25	3.4	1	-	-	48	110	11	10	20	13	0	0	0	0	0	0	0	0	0	0	0	5.66	84
Kilnsea	21-9	12	15.5	9.3	12.4	-	20.5	27	6.0	16	-	-	41	-	7	19	15	11	0	0	0	0	0	0	0	0	0	0	0	5.92	-
Lincoln																															
Waddington	21-9	68	16.2	8.4	12.3	-2.0	19.8	17	5.5	1	-	-	59	-	15	10	18	12	0	0	0	0	0	0	0	0	0	0	0	5.43	80
Lincoln	9 9	7	16.6	7.9	12.3	-1.6	19.6	17	2.3	2	13.8	12.2	51	118	17	10	18	12	0	0	0	0	0	0	0	0	0	0	0	5.28	-
Cranwell	9 9	62	16.2	7.5	11.9	-2.4	19.7	17	4.4	16	14.1	12.9	64	160	17	9	17	12	0	0	0	0	0	0	0	0	0	0	0	5.08	77
Brigg	9 9	3	17.1	8.0	12.5	-	19.4	30	3.9	16	-	-	70	-	14	10	22	17	0	0	0	0	0	0	0	0	0	0	0	-	-
Binbrook	21-9	108	15.5	8.0	11.7	-	19.1	17	5.0	20	-	-	51	-	6	8	17	15	0	0	0	0	0	0	0	0	0	0	0	5.69	-
Cleethorpes	9 9	7	(16.9)	9.0	(12.9)	(-1.3)	20.8	16	5.6	11	-	-	64	155	12	19	17	11	-	-	-	-	-	-	-	-	-	0	5.01	74	
Manby	21-9	17	16.5	7.8	12.1	-	20.6	27	4.7	2	14.1	-	50	126	13	1	16	12	0	0	0	0	0	0	0	0	0	0	0	5.68	-
Skegness	9 9	5	16.6	8.6	12.6	-1.4	21.0	17	5.0	2.20	-	-	41	108	11	9	12	10	0	0	0	0	0	0	0	0	0	0	0	6.16	89
3 ENGLAND E																															
Norfolk																															
Terrington St Clement	9 9	3	16.9	7.6	12.3	-2.3	21.1	17	2.6	2	13.1	-	43	-	6	18	17	11	0	0	0	0	0	0	0	0	0	0	0	4.86	74
Marham	21-9	23	17.3	7.9	12.6	-	21.4	17	3.0	2	-	-	55	-	15	10	15	12	0	0	0	0	0	0	0	0	0	0	0	-	-
Santon Downham	9 9	24	17.6	(5.3)	(11.5)	-	22.0	27	-0.7	16	13.2	11.9	37	81	9	9	16	10	-	-	-	-	-	-	-	-	2	5.24	-		
East Dereham	9 9	53	18.1	7.4	12.7	-	22.2	17.26	3.7	20	-	-	48	-	12	11	14	12	-	-	-	-	-	-	-	-	0	5.23	-		
Morley St Botolph	9 9	48	17.0	7.3	12.1	-	21.4	27	3.5	2	13.7	-	46	-	11	10	15	11	0	0	0	0	0	0	0	0	0	0	0	-	-
Cromer	9 9	54	16.3	8.8	12.5	-1.8	21.0	17	6.0	20	-	-	34	83	6	9	11	11	0	0	0	0	0	0	0	0	0	0	0	5.85	-
Soale	9 9	30	17.4	7.6	12.5	-	22.1	26.27	3.0	2	14.3	13.3	36	-	8	9	14	8	0	0	0	0	0	0	0	0	0	0	0	-	-
Coltishall	21-9	17	16.9	7.8	12.3	-	22.0	27	2.7	2	-	-	59	-	15	11	17	11	0	0	0	0	0	0	0	0	0	0	0	6.43	90
Gorleston	21-9	4	16.3	9.8	13.1	-1.0	21.7	28	6.4	20	14.3	12.4	38	91	8	3	15	11	0	0	0	0	0	0	0	0	0	0	0	-	-
Suffolk																															
Brooms Barn	9 9	75	16.9	8.2	12.5	-	20.8	17	5.6	16	13.9	12.6	30	-	6	10	15	9	0	0	0	0	0	0	0	0	0	0	0	5.66	-
Honington	21-9	51	17.2	8.0	12.6	-	21.6	26	4.5	2.16	-	-	32	-	7	9	14	9	0	0	0	0	0	0	0	0	0	0	0	-	-
East Bergholt	9 9	4	17.8	7.1	12.5	-	23.0	27	2.5	20	-	-	31	79	7	9.10	10	9	-	-	-	-	-	-	-	-	0	3	-	-	
Wattisham	21-9	89	16.4	7.4	11.9	-	21.1	26.27	3.7	20	-	-	36	90	8	9	15	8	0	0	0	0	0	0	0	0	0	0	0	6.47	-
Aldeburgh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															



Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine								
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure					
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																											
3 ENGLAND E — continued																																					
Essex																																					
Little Parndon	9 9	54	17.0	7.9	12.5	-	20.5	26.27	2.0	2	-	-	21	-	6	22	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Harlow	9 9	79	17.4	7.8	12.6	-	21.0	26	3.4	2	-	12.0	31	-	8	22	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.73		
Stansted	21-9	101	16.4	7.6	12.0	-2.3	20.2	26	3.4	2	-	-	22	53	3	4	18	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Writtle	9 9	32	17.0	7.5	12.3	-	21.4	26	2.0	2	13.7	-	37	98	7	11	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.22		
Southend	9 9	2	16.6	10.1	13.3	-	19.2	17	7.0	15	-	-	27	-	6	3	13	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3		
Maldon	9 9	4	17.7	8.7	13.2	-	22.1	26	5.2	20	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Earls Colne	9 9	49	17.4	7.7	12.5	-	22.0	26	3.5	2	13.8	12.6	41	103	16	9	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Shoeburyness	21-9	2	17.0	9.7	13.3	-2.0	20.3	17	4.0	2	-	-	21	71	6	3	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.92		
Clacton-on-Sea	9 9	16	16.6	9.7	13.1	-1.9	19.4	27	6.9	2	14.2	13.0	18	54	5	3	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.08		
Walton-on-Naze	21-9	5	16.6	9.7	13.1	-	19.5	27	6.5	2	-	-	23	-	7	3	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.64		
Dovercourt	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4 MIDLAND COUNTIES																																					
Yorkshire W Riding																																					
Slaidburn	9 9	192	13.7	6.9	10.3	-	17.3	14	3.5	14	-	-	134	154	26	17	23	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.00	
Malham Tarn	9 9	395	13.0	5.3	9.1	-	17.2	28	2.4	3	10.7	-	126	150	16	2	23	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Huddersfield	9 9	99	(15.7)	(8.4)	(12.1)	-	19.1	16	4.8	30	13.1	11.7	71	151	10	4	24	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.26	
Huddersfield Oakes	21-9	235	15.1	7.1	11.1	-2.5	19.6	30	4.0	3	12.5	9.4	98	171	13	4	25	22	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	4.13	
Bradford	9 9	134	14.9	7.9	11.4	-2.4	17.8	30	4.0	2	12.4	11.1	67	131	12	4	22	18	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4.60	
Ilkley	9 9	96	15.1	7.8	11.5	-	19.0	30	4.0	20,30	-	-	64	-	15	12	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.74	
Sheffield	9 9	131	15.7	8.7	12.2	-2.3	19.1	16,31	4.9	2	13.2	11.7	83	173	11	27	22	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.26	
Pontefract	9 9	78	15.6	8.2	11.9	-2.1	18.3	17	4.0	2	-	-	69	169	13	10	23	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bramham	9 9	54	16.0	7.1	11.5	-	19.2	16	3.2	28	-	-	82	144	11	10	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cawood	9 9	6	16.0	7.8	11.9	-	18.8	16	3.8	30	13.1	12.1	88	192	18	10	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.36	
Askham Bryan	9 9	34	16.5	7.3	11.9	-	19.5	16	3.7	2	-	-	83	169	17	10	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.19	
Derby																																					
Buxton	9 9	307	12.9	6.8	9.9	-2.7	16.6	30	3.8	3	-	-	135	167	16	4	25	20	0	0	0	0	0	2	3	3	0	0	0	0	0	0	0	0	0	0	
Mackworth	9 9	89	15.6	7.2	11.4	-	18.6	16	2.0	2	-	-	58	-	9	4	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ashover	9 9	186	15.0	7.5	11.3	-	18.2	16	3.2	2	-	-	79	-	12	4,10	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.12	
Derby	9 9	48	16.4	8.6	12.5	-	19.7	16	3.4	2	-	-	54	127	9	4	21	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Morley	9 9	107	15.9	5.7	10.8	-	18.5	16	2.5	19,20	-	-	87	185	21	2	22	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.67	
Wingerworth	9 9	126	15.5	7.0	11.3	-	18.5	16	1.7	2	13.1	-	75	-	12	10	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.28	
Nottingham																																					
Sutton Bonington	9 9	48	16.2	7.7	11.9	-2.5	18.7	25	2.0	2	12.8	11.6	62	167	18	10	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.53	
Wetnall	21-9	117	15.9	7.8	11.9	-2.4	19.0	30	3.8	2	-	-	56	128	11	10	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.81
Mansfield	9 9	110	-	8.1	-	-	-	-	5.0	2	12.9	-	84	199	18	10	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nottingham	9 9	115	16.2	8.5	12.3	-2.6	18.8	16,30	4.8	2	13.1	12.0	70	190	22	10	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.33
Warsop	9 9	46	16.3	7.3	11.8	-	19.1	16	1.2	2	-	-	64	168	20	10	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.74
Finningley	21-9	10	16.8	7.7	12.3	-	20.2	25	2.8	2	-	-	69	181	27	10	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.26
Leicester																																					
Newtown Linford	9 9	119	15.7	7.2	11.5	-	18.4	17	2.0	2	-	-	70	155	17	27	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.43
Caldecott	9 9	52	16.5	7.4	11.9	-	19.2	17	1.8	30	-	-	48	118	14	9	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.52
Northampton																																					
Bugbrooke Mills	9 9	69	15.9	(6.8)	(11.3)	-	18.6	25	2.4	30	12.7	11.5	50	131	14	9	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.21	
Raunds	9 9	59	17.0	7.7	12.3	-2.3	20.4	17	3.3	20	14.5	12.0	44	117	17	9	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.29	
Wittering	9 9	73	16.5	7.8	12.1	-	19.9	17	4.6	20	-	-	30	72	6	9	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.60	
Warwick																																					
Birmingham	9 9	137	15.6	8.3	11.9	-	19.7	24	5.5	4	-	-	64	134	11	5	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
King Edward School	21-9	163	14.9	8.5	11.7	-2.9	18.0	16	5.5	4	10.3	-	62	129	13	4	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.18
Edgbaston	9 9	56	16.5	7.5	12.0	-	19.5	17,25,30	3.1	2	-	-	51	-	9	5	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.87
Luddington	9 9	49	16.8	7.0	11.9	-	20.2	30	2.1	2	14.3	-	44	108	9	9	17	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.92
Stratford-on-Avon	9 9	111	15.6	7.6	11.6	-	18.6	17,25	3.9	30	12.4	-	55	127	11	10	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.26
Shipston-on-Stour	21-9	96	15.5	7.6	11.5	-	18.4	30	2.0	2	-	-	73	-	14	1,10	19	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.30
Elmdon	9 9	47	16.2	7.3	11.7	-	19.3	30	2.8	2	12.8	12.0	45	107	10	9	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.02
Wellesbourne	9 9	85	16.2	7.6																																	



Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	date	precipitation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																						
4 MIDLAND COUNTIES—continued																																
Hereford																																
Hereford	9 9	52	15.9	7.6	11.7	-	19.9	16.26	2.5	2	13.7	12.4	41	-	11	6	15	10	0	0	0	0	0	0	0	0	5	-	0	4.39	-	-
Sewage Works	9 9	155	14.7	7.5	11.1	-3.1	18.8	16	3.8	30	-	-	77	168	22	6	21	15	-	-	-	-	-	-	-	0	0	0	0	-	-	-
Lyonsall	21-9	68	16.0	7.9	11.9	-3.0	19.6	26	3.2	2	13.5	12.5	38	100	10	4	14	7	0	0	0	0	0	0	0	0	0	0	0	4.34	67	-
Ross-on-Wye	9 9	84	15.7	(5.9)	(10.8)	-	19.4	16	1.3	20	-	-	48	121	9	4	16	13	-	0	-	-	-	-	-	0	0	2	-	4.11	-	-
Preston Wynne	9 9	84	15.7	(5.9)	(10.8)	-	19.4	16	1.3	20	-	-	48	121	9	4	16	13	-	0	-	-	-	-	-	0	0	2	-	4.11	-	-
Gloucester																																
Filton	21-9	59	15.5	8.4	11.9	-3.0	18.3	14.17	3.7	2	-	-	66	140	11	4	20	14	0	0	1	0	1	0	0	5	0	0	4.55	-	-	-
Hempsted	9 9	12	16.2	7.6	11.9	-	19.2	16	2.4	2	13.8	12.1	57	123	12	11	18	10	0	0	0	2	1	0	0	1	0	0	4.85	-	-	-
Gloucester	21-9	24	16.7	9.2	12.9	-	19.7	17	4.9	2	-	-	43	-	8	4	16	11	0	0	1	0	1	0	0	0	0	0	4.87	-	-	-
Cheltenham	9 9	65	16.2	8.1	12.1	-3.2	19.5	17	4.0	2	-	-	42	95	7	4.27	17	12	-	-	-	-	-	-	-	-	-	-	4.81	-	-	-
Cirencester	9 9	135	15.1	6.8	10.9	-	17.6	16.17	2.8	30	-	-	44	83	7	4	16	12	0	0	0	1	1	0	0	6	-	0	-	-	-	-
Little Rissington	21-9	226	14.5	7.4	10.9	-	17.7	17	5.1	30	-	-	54	115	9	9	17	12	0	0	3	0	1	0	0	0	0	0	4.89	-	-	-
5 ENGLAND SE																																
Greater London																																
Kensington Palace	9 9	25	17.4	9.6	13.5	-2.8	20.8	17	5.6	10	14.4	13.1	23	49	4	9	13	7	0	0	0	0	1	0	0	1	-	0	-	-	-	-
Hampstead	9 9	137	16.2	8.4	12.3	-2.6	20.1	26	5.0	10	-	-	22	47	4	18	14	8	0	0	0	0	0	0	0	0	0	0	0	5.79	84	S
St James Park	9 9	4	17.6	9.7	13.7	-2.7	21.0	26	5.9	10	-	-	25	59	5	9	11	7	0	0	0	0	0	0	0	0	0	0	0	-	-	-
London Weather Centre	9 9	7	17.4	9.5	13.5	-	21.8	26	4.9	10	-	-	33	84	9	1	14	8	0	0	0	0	0	0	0	0	0	0	0	6.11	91	-
Greenwich	9 9	7	17.4	9.5	13.5	-	21.8	26	4.9	10	-	-	33	84	9	1	14	8	0	0	0	0	0	0	0	0	0	0	0	6.01	91	-
Heathrow	21-9	25	17.5	9.0	13.3	-2.6	20.7	17	4.4	2	-	-	15	39	3	4	13	6	0	0	0	0	0	0	0	0	0	0	0	5.54	-	-
Hampton	9 9	12	16.4	9.4	12.9	-	19.4	26	5.5	2	-	-	17	40	3	27	14	8	0	0	0	0	0	0	0	0	0	0	0	5.49	-	-
Wealdstone	9 9	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.22	-	-	-
Southgate	9 9	67	-	-	-	-	20.0	26	5.9	2	13.6	-	30	73	6	11	17	9	0	0	0	0	1	0	0	2	-	0	6.28	-	-	-
Kew	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
psychrometer screen	9 9	5	16.9	8.2	12.5	-	19.9	17	2.8	10	13.6	12.2	18	40	4	18	12	6	0	0	0	1	0	0	0	6	0	0	6.01	85	-	-
Waddon	9 9	59	16.9	8.6	12.7	-2.8	20.5	26	4.0	10	-	-	28	69	10	4	15	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Addington	9 9	144	(16.2)	8.1	(12.1)	(-2.9)	20.0	26	4.5	10	-	-	27	61	5	3	14	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromley	9 9	65	16.5	8.6	12.5	-3.2	21.0	26	5.0	3,10	-	-	27	68	5	3	16	7	-	0	-	-	-	-	-	-	-	-	-	-	-	-
Surrey																																
Gatwick	21-9	59	16.5	7.0	11.7	-3.1	19.9	26	0.6	10	-	-	33	75	8	4	16	9	0	0	0	0	0	0	0	3	0	0	5.93	-	-	-
Witley	9 9	35	(16.7)	7.8	(12.3)	(-2.8)	19.6	26	2.8	2,10	13.3	12.6	26	-	6	11	15	7	0	0	0	0	1	0	0	2	-	0	5.63	-	-	-
Mickleham	9 9	55	16.3	6.8	11.5	-	19.2	26	0.6	10	14.4	12.8	29	68	7	4	14	10	0	0	0	0	1	0	0	1	-	0	-	-	-	-
Kent																																
Hadlow College	9 9	30	16.8	7.0	11.9	-	21.3	26	0.9	10	13.5	12.1	30	-	8	4	13	8	0	0	0	0	0	0	0	3	-	0	5.26	-	-	-
Gillingham	9 9	4	18.1	9.6	13.9	-	23.0	26	6.0	10	-	-	22	60	7	3	14	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peckham	21-9	29	16.5	6.9	11.7	-	21.1	26	1.7	20	-	-	33	-	7	3	13	10	0	0	1	0	2	0	0	6	0	0	5.97	-	-	-
Dungeness	9 9	3	15.2	9.5	12.3	-2.0	17.2	26	5.0	20	-	-	45	136	7	21	12	10	0	0	0	0	0	1	0	-	-	0	-	-	-	-
Whitstable	9 9	3	16.8	8.9	12.9	-	20.3	27	4.0	2	-	-	27	82	8	3	11	8	0	0	0	0	0	3	0	-	-	0	6.35	-	-	-
Folkestone	9 9	31	15.3	8.6	11.9	-	19.3	26	2.7	2	-	14.1	43	-	7	3.8	12	12	0	0	0	0	2	1	0	0	-	1	7.12	-	-	-
Elmstone	9 9	5	17.3	7.3	12.3	-	21.4	28	1.9	2	-	-	35	-	12	1	17	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Herne Bay	9 9	31	16.4	8.3	12.3	-	20.0	17,26,27	4.0	29	-	-	35	-	11	11	11	8	0	0	0	0	3	0	0	0	-	0	6.97	-	-	-
Dover	9 9	6	15.5	9.9	12.7	-2.2	18.8	26	5.6	2	14.7	13.4	42	102	7	19	13	10	0	0	1	0	1	0	0	0	-	0	7.18	-	-	-
Manston	21-9	44	16.7	8.8	12.7	-	20.5	27	5.1	10	-	-	29	86	5	3	15	10	0	0	1	0	3	0	0	0	0	0	-	-	-	-
Margate	9 9	16	16.3	10.2	13.2	-2.0	20.6	27	7.0	2	14.3	13.0	33	-	10	19	13	9	0	0	0	1	1	0	0	0	-	0	7.01	88	-	-
Goudhurst	9 9	85	16.0	7.7	11.9	-	20.9	26	2.1	2	-	-	46	102	10	4	19	12	0	0	0	0	0	0	0	5	-	0	-	-	-	-
East Malling	9 9	37	16.9	7.7	12.3	-2.5	21.1	26	2.6	10	13.4	12.2	32	79	7	3	14	8	0	0	0	0	1	0	0	0	-	0	6.09	83	-	-
Throwley	9 9	150	15.8	7.3	11.5	-	20.2	26	4.6	2	13.9	12.0	51	116	9	19	17	12	0	0	1	1	1	0	0	0	-	0	5.76	-	-	-
Faversham	9 9	48	16.8	8.3	12.5	-	20.7	26	4.1	2	13.5	12.5	29	-	8	3	16	8	0	0	2	0	2	0	0	0	-	0	6.38	-	-	-
Wye	9 9	56	15.8	8.5	12.1	-2.7	20.3	26	2.3	2	13.2	12.1	43	106	10	11	16	9	0	0	0	2	1	0	0	3	-	0	6.11	82	-	-
Sussex																																
Thorney Island	21-9	3	15.4	8.5	11.9	-	18.7	14	3.9	20	-	-	32	88	9	10	14	8	0	0	0	0	1	0	0	0	0	0	6.48	-	-	-
Rogate	9 9	64	15.8	7.4	11.6	-	19.5	15	3.0	10	14.6	-	37	-	6	4	15	10	0	0	0	0	0	0	0	1	-	0	-	-	-	-
Bognor Regis	9 9	7	15.0	9.0	12.0	-2.9	19.1	14	5.9	2	-	13.3	49	125	32	10	9	7	0	0	0	0	1	1	0	0	0	0	6.99	90	-	-
Fernhurst	9 9	57	15.9	6.5	11.2	-	18.7	16	0.8	10	13.8	-	42	92	8	18	16	11	0	0	0	0	0	0	0	0	-	0	6.38	-	-	-
Littlehampton	9 9	5	15.1	9.1	12.1	-2.8	19.3	14	5.0	20	-	13.3	37	92	12	10	13	7	0	0	0	0	0	0	0	0	-	0	7.07	88	-	-
North Heath	9 9	21	16.4	7.4	11.9	-	18.7	15	1.9	10	13.8	12.2	40	-	9	4	16	9	0	0	0	0	0	0	0	0	-	0	5.56	-	-	-
Worthing	9 9	2	14.9	9.6	12.3	-	19.6	14	5.4	2	14.5	-	38	-	8	3	15	9	0	0	0	0	1	0	0	0	-	0	6.98	86	-	-
Brighton	9 9	10	14.9	10.1	12.5	-	20.2	14	6.5	2	-	14.1	41	106	9	3	15	9	0	0	0	0	1	0	0	0	-	0	2.69	88	-	-
Plumpton	9 9																															



Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	date	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																						
5 ENGLAND SE—continued																																
Hampshire—continued																																
Alice Holt Lodge	9 9	115	15.6	7.6	11.6	-	19.1	16	2.2	10	-	-	36	82	6	4	17	13	0	0	0	0	0	0	0	0	0	0	0	5.91	-	-
South Farnborough	9 9	69	16.4	8.0	12.2	-3.0	18.8	16	2.5	10	-	-	22	55	5	9	13	7	0	0	0	0	0	0	0	2	0	0	5.79	83	-	
Isle of Wight																																
St Catharines Point	9 9	16	14.2	9.9	12.1	-2.3	19.0	14	8.0	1.2	-	-	29	81	6	3	15	6	0	0	0	0	0	0	0	0	0	0	7.94	-	-	
Ventnor	9 9	122	14.5	9.4	11.9	-3.0	18.3	14	6.9	10	14.4	13.0	38	98	7	3	15	10	0	0	0	0	0	0	0	0	0	0	7.50	93	-	
(see Introduction)																																
Shanklin	9 9	55	14.9	9.0	11.9	-	19.3	14	5.3	29	-	-	48	115	10	18	17	12	0	0	0	0	0	0	0	0	0	0	7.94	-	-	
Sandown	9 9	4	15.9	9.6	12.7	-2.6	19.5	14	6.8	1	-	-	29	80	7	18	8	7	0	0	0	0	0	0	0	0	0	0	7.43	-	-	
Ryde	9 9	4	15.7	8.9	12.3	-3.3	18.4	15	6.5	1	-	-	31	90	8	18	13	10	0	0	0	0	0	0	0	0	0	0	6.65	83	-	
Wiltshire																																
Lacock	9 9	49	15.4	7.2	11.3	-	18.3	17	2.5	2	-	-	55	112	9	11	16	14	0	0	0	0	0	0	0	0	0	0	-	-	-	
Lyneham	21-9	145	14.8	7.7	11.3	-3.1	17.4	17	4.5	2	-	-	46	98	7	27	17	14	0	0	1	0	0	0	0	0	0	0	5.27	-	-	
Larkhill	9 9	132	15.5	7.3	11.4	-2.9	17.7	16,26,30	2.8	2	-	-	53	127	9	27	17	14	0	0	1	0	0	0	0	4	0	0	-	-	-	
Boscombe Down	21-9	126	15.4	7.2	11.3	-3.2	18.2	16	3.1	2	-	-	54	132	10	4	17	12	0	0	1	0	0	0	5	0	0	0	5.78	-	-	
Upavon	21-9	176	15.4	7.3	11.3	-	18.1	16	4.0	1	-	-	57	129	15	9	18	12	0	0	0	0	0	0	0	0	0	0	-	-	-	
Porton	9 9	111	15.5	6.5	11.0	-3.3	18.0	16	0.7	2	12.5	-	49	113	10	4	15	13	0	0	0	0	0	7	0	0	0	5.30	73	-	-	
7a ENGLAND NW																																
Cumberland																																
Sellafield	9 9	13	14.2	8.1	11.1	-	18.7	14	5.0	2	-	-	109	162	15	2	20	19	0	0	0	0	0	0	0	0	0	0	6.09	-	-	
Bromfield	9 9	20	14.7	6.9	10.8	-	17.5	14,30	2.1	10	-	-	118	-	38	17	22	18	0	0	0	0	3	0	0	0	0	0	-	-	-	
Carlisle	21-9	26	15.2	7.6	11.4	-	18.7	14	3.8	8	-	-	81	-	23	17	23	16	0	0	0	0	3	0	0	0	0	0	5.10	-	-	
Newton Rigg	9 9	171	14.5	6.7	10.6	-2.6	18.3	14	3.2	2	12.7	-	66	119	14	17	20	16	0	0	0	0	0	0	1	0	0	5.09	84	-		
Westmorland																																
Great Dun Fell	21-9	847	8.1	3.0	5.5	-	12.4	14	-0.4	4	-	-	-	-	-	-	-	-	0	0	0	0	19	1	-	-	-	2.48	-	-		
Moor House	9 9	556	10.7	4.0	7.3	-	14.6	14	0.3	2,14	8.3	-	159	131	33	2	27	21	0	0	0	0	2	0	11	-	-	4.75	-	-		
Lancashire																																
Squires Gate	21-9	10	15.0	9.1	12.1	-1.8	18.9	30	4.9	14	-	-	76	136	11	17	20	17	0	0	0	0	0	0	1	0	0	5.57	77	-		
Aigburth	9 9	14	15.2	9.2	12.2	-	17.9	30	6.5	4	-	-	56	-	11	25	20	12	0	0	0	0	3	0	0	0	0	0	4.84	-	-	
Southport	9 9	5	14.7	8.4	11.5	-	18.1	30	4.0	2	13.1	10.8	63	115	9	17	20	16	0	0	0	0	1	0	0	0	0	0	5.38	-	-	
Cartmel	9 9	34	14.6	6.9	10.7	-	17.5	30	2.5	2	-	-	112	-	23	17	17	15	0	0	0	0	0	0	0	0	0	0	-	-	-	
Grizedale	9 9	91	14.4	5.8	10.1	-	18.0	14	1.3	2	12.3	-	189	-	51	17	24	19	0	0	0	0	1	0	5	-	1	-	-	-		
Speke	21-9	22	15.4	8.5	11.9	-	18.4	30	4.9	2	-	-	54	104	12	25	20	15	0	0	2	0	3	0	0	0	0	0	4.88	-	-	
Kirkham	9 9	24	14.7	7.6	11.1	-	17.8	30	2.0	1	-	-	88	137	12	17	22	17	0	0	0	0	1	0	2	-	0	5.59	-	-		
Bairrigg	9 9	53	14.5	8.0	11.3	-	18.3	30	4.5	14	-	-	121	-	25	17	21	17	0	0	0	0	0	0	4	-	0	4.96	-	-		
Morecambe	9 9	7	15.1	9.6	12.3	-2.1	19.5	30	6.7	2	-	-	103	164	21	17	21	17	0	0	0	0	0	0	0	0	0	5.90	85	-		
Preston	9 9	33	14.9	8.4	11.7	-	17.8	30	4.0	1	-	-	99	146	19	17	22	18	0	0	0	0	1	0	1	0	0	0	-	-	-	
Bolton	9 9	107	14.5	6.9	10.7	-	17.6	14,30	2.0	2	11.4	10.6	94	-	13	17	23	17	0	0	0	0	0	0	0	0	0	0	4.22	-	-	
Stonyhurst	9 9	115	14.3	(7.4)	(10.9)	(-2.9)	17.4	14	4.2	1	-	-	114	148	21	17	21	18	0	0	0	0	0	0	0	0	0	0	4.24	68	-	
Manchester Weather Centre																																
Helmshore	9 9	260	13.3	7.0	10.1	-	16.4	14	4.1	3	11.0	-	154	164	22	17	24	21	0	0	0	0	0	0	1	-	-	4.03	-	-		
Nelson	9 9	165	(14.1)	(7.7)	(10.9)	-	17.7	30	4.3	14	11.8	10.3	108	154	12	17	25	18	0	0	0	0	0	1	-	0	0	4.70	-	S		
Rochdale	9 9	110	14.8	7.4	11.1	-	18.6	14	2.5	2	-	-	133	184	18	25	25	19	0	0	0	0	2	0	0	0	0	0	4.11	-	-	
Cheshire																																
West Kirby Park	9 9	8	15.9	9.2	12.5	-	18.6	30	5.6	2	-	-	58	111	12	6	20	15	0	0	0	0	0	0	0	0	0	0	5.08	-	-	
Ness Gardens	9 9	55	(15.3)	(8.2)	(11.7)	-	18.3	13	4.9	3	-	-	81	-	15	10	22	16	0	0	1	0	1	0	0	0	0	0	4.28	-	-	
Winnington	9 9	20	15.9	8.9	12.4	-	19.7	14	4.3	2	-	-	54	100	8	25	21	17	0	0	0	0	0	0	0	0	0	0	-	-	-	
Knutsford	9 9	65	(16.0)	(7.5)	(11.7)	-	19.5	30	2.9	2	(13.3)	(12.0)	88	140	18	25	24	19	0	0	0	0	0	0	0	0	0	0	-	-	-	
Ringway	21-9	75	15.0	8.4	11.7	-2.6	18.3	14	4.3	2	-	-	118	199	18	9	25	21	0	0	0	3	3	0	0	0	0	0	4.70	79	-	
Macclesfield	9 9	152	14.7	7.4	11.1	-3.1	17.8	16	4.5	2,3	-	-	96	140	15	25	25	20	0	0	0	2	1	0	0	0	0	0	-	-	-	
7b NORTH WALES																																
Flint																																
Rhyl	9 9	9	14.4	8.5	11.5	-2.7	16.6	26	5.3	2	-	-	59	141	9	6	20	14	0	0	0	0	0	3	0	0	0	0	5.05	72	-	
Prestatyn	9 9	1	14.9	9.0	11.9	-	17.9	30	3.9	3	-	-	60	123	9	4	21	18	0	0	1	0	0	0	0	0	0	0	4.93	75	-	
Hawarden Bridge	9 9	5	16.3	8.1	12.2	-2.4	19.2	26	3.6	2	-	-	85	184	18	10	18	16	0	0	0	0	0	0	0	0	0	0	-	-	-	
Anglesey																																
Valley	21-9	10	14.2	9.4	11.8	-1.7	18.5	14	4.4	12	-	-	99	194	21	7	19	16	0	0	0	0	0	0	0	0	0	0	3	6.63	90	-
Denbigh																																
Colwyn Bay	9 9	24	14.8	8.6	11.7	-	17.6	30	4.9	12	12.8	-	65	-	13	6	20	18	0	0	0	0	0	0	0	0	0	0	5.18	74	-	
Alwen	9 9	335	12.3	-	-	-	16.5	14	-	-	-	-	117	-	21	7	22	21	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ruthin	9 9	76	14.9	7.1	11.0	-	17.1	24,26	2.4	2	-	-	61	-	10	6	22	14	0	0	0	0	0	0	0	0	0	0	4.65	-	-	
Loggerheads	9 9	210	13.9	6.4	10.1	-	16.5	14	2.1	3	11.2	10.5	88	-	17	6	23	17	0	0	1	0	0	0	0	0	0	0	4.44	-	S	
Bwlchgwyn	9 9	386	12.5	6.1	9.3	-	15.0	14,16,25	3.0	4	9.1	-	101	148	23	6	22	19	0	0	0	0	1	1	0	2	-	0	-	-	-	
Wrexham	9 9	88	15.9	7.5	11.7	-	18.0	30	3.9	20	-	11.5	74	161	17	10	20	16	0	0	0	1	0	0	0	0	0	0	-	-	-	
Caernarvon																																
Bardsey Island	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Botwnnog	9 9	34	14.0	7.7	10.9	-	17.7	14	5.0	12	13.8	(12.5)	111	-	24	6	16	15	0	0	0	0	0	0	0	0	0	0	5.89	-	-	
Pen-y-Ffridd	9 9	84	14.6	7.4	11.0	-	18.3	14	3.8	4,12	-	-	150	197	24	2	24	19	0	0	0	1	0</									



Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT)	min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
				means of			difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100-cm (°C)	total fall (mm)	percentage of 1916-50 average amount (mm)	most in a day	date	precipitation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max. (a)	min. (b)	daily mean (mean of a & b)		max.	date	min.	date																							
8a SOUTH WALES—continued																																		
Cardigan—continued																																		
Llety-evan-hen	9 9	290	11.9	7.0	9.5	-	16.6	14	4.0	4	-	-	173	193	34	25	23	19	0	0	0	0	0	0	0	2	0	0	0	0	3.41	56	-	
Cwmystwyth	9 9	301	12.0	5.5	8.7	-	16.8	14	-1.0	12	-	-	165	-	27	25	24	20	-	0	0	-	-	-	-	-	1	1	-	-	2.17	-	S	
Pembroke																																		
Dale Fort	9 9	33	14.3	9.3	11.8	-	18.7	14	7.0	4	13.5	-	89	-	20	6	19	12	0	0	0	0	0	0	0	0	0	0	0	0	5.73	-	-	
Milford Haven	21-9	37	13.7	9.2	11.5	-	16.8	16	6.5	4	-	-	105	-	23	6	19	13	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Conservancy Board	9 9	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orielton	9 9	8	14.2	6.4	10.3	-	17.8	14	2.4	5	-	-	133	-	32	6	18	14	0	0	0	0	0	0	0	0	0	0	0	0	3.72	-	-	
Haverfordwest	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Carmarthen																																		
Carmarthen	9 9	15	14.5	7.2	10.9	-	20.5	14	2.0	15	12.8	12.1	170	229	36	6	20	19	0	0	0	0	0	0	0	0	0	0	3	-	1	4.65	-	5
Esgairwen-Uchaf	9 9	332	(12.0)	(6.5)	(9.3)	-	17.0	14	2.8	2	-	-	152	-	30	6	24	17	0	0	0	0	0	0	1	4	0	3	-	0	-	-	-	
Brynamman	21-9	183	13.6	7.2	10.4	-	18.5	14	3.6	2	-	-	160	-	36	6	23	21	0	-	1	0	1	2	0	0	0	0	-	0	-	-	-	
Radnor																																		
Cenarth Mill	21-9	282	12.8	(5.5)	(9.1)	-	17.0	14	-0.9	12	-	-	77	-	22	6	23	18	-	0	-	-	-	-	0	1	10	-	-	-	-	-	-	
Llandrindod Wells	9 9	235	14.2	6.3	10.3	-3.2	19.2	16	1.0	12	11.2	-	83	136	18	6	23	18	0	0	0	0	1	0	0	0	0	-	-	0	2.77	47	S	
Brecknock																																		
Llwynon	9 9	242	12.1	5.5	8.8	-	17.1	14	0.8	19	-	-	155	-	45	6	21	19	0	0	0	0	0	0	0	2	0	-	-	0	3.17	-	-	
Glamorgan																																		
Mumbles	21-9	36	13.7	8.9	11.3	-	16.4	10	5.5	3	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Penmaen	9 9	82	14.3	8.1	11.2	-	18.1	14	5.4	12	13.4	12.7	149	-	42	6	19	16	0	0	0	0	0	0	0	0	0	0	0	0	3.86	-	-	
Swansea	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Port Talbot	9 9	7	15.3	9.0	12.1	-	18.6	16	3.5	2	-	-	105	173	33	6	19	15	0	0	0	0	0	0	1	0	0	0	-	0	3.98	-	S	
Neath	9 9	62	14.2	8.6	11.4	-	18.6	14	3.6	2	-	-	137	-	29	6	25	19	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Porthcawl	9 9	6	14.4	9.6	12.0	-	17.0	13.14	5.7	2	-	-	92	-	30	6	20	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rhose	21-9	67	14.8	8.1	11.5	-	18.4	14	3.9	30	-	-	65	124	19	6	20	16	0	0	1	0	1	0	0	0	1	0	0	4.67	63	-	-	
Cardiff	9 9	62	15.3	8.4	11.9	-3.1	18.5	14	5.2	2	13.4	12.1	96	166	30	6	23	18	0	-	0	0	0	0	0	0	0	0	-	0	4.04	-	S	
Monmouth																																		
Tredegar	9 9	313	12.8	6.4	9.6	-	17.0	16	2.2	12	-	-	147	169	36	6	22	17	0	0	0	0	1	1	4	0	2	-	0	3.32	-	-	-	
Newport	9 9	23	15.8	8.1	11.9	-3.2	19.8	24	4.0	12	-	-	87	156	21	6	20	16	0	0	0	0	0	0	0	0	0	0	0	0	4.02	-	-	
Usk	9 9	21	16.3	7.8	12.1	-	20.0	16.26	3.0	2,12,30	13.7	-	64	123	17	6	13	13	-	0	-	-	-	-	2	0	0	-	-	3.69	-	-	-	
Crumbland	9 9	245	14.0	7.2	10.6	-	17.5	16	4.0	12	12.0	11.1	71	123	15	6	19	17	0	0	0	0	0	0	0	1	0	1	-	0	4.37	-	-	
8b ENGLAND SW																																		
Somerset																																		
Hawkridge	9 9	314	12.8	6.4	9.6	-	16.6	26	2.8	12	-	-	134	194	35	6	27	21	0	0	0	0	0	0	0	2	0	0	2	-	0	3.89	-	-
Nettlecombe	9 9	96	15.0	7.2	11.1	-	18.9	25	2.4	30	14.1	-	90	-	35	6	22	16	0	0	0	0	0	0	0	0	0	0	3	-	0	-	-	
Cannington	9 9	23	15.3	8.3	11.8	-	18.5	14	4.0	1,2,30	13.9	-	68	166	13	6	19	12	0	-	0	0	0	0	0	0	0	0	0	-	0	4.16	57	-
Cricket Malherbie	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar	9 9	11	(15.4)	(7.4)	(11.4)	-	18.6	14.16	2.0	30	-	-	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yeovilton	21-9	18	15.8	7.5	11.7	-	19.2	14	2.1	1	-	-	79	-	21	9	19	13	0	0	1	0	0	0	0	0	1	0	0	-	0	-	-	
Rodney Stoke	9 9	40	(15.5)	(7.8)	(11.7)	-	18.2	14.16,17	4.4	30	14.0	12.3	73	-	11	9	22	18	-	0	-	-	-	-	2	0	0	0	-	0	-	-	-	
Long Ashton	9 9	49	15.4	8.2	11.8	-3.1	18.4	14	4.9	12	13.4	-	67	125	11	9	20	18	0	0	1	0	0	0	0	0	(1)	-	0	4.67	68	-	-	
West Camel	9 9	27	16.5	6.9	11.7	-	19.8	15	0.4	1	-	-	73	-	19	9	22	11	0	0	0	0	0	0	0	0	7	-	0	-	-	-	-	
Downside Abbey	9 9	183	14.5	7.7	11.1	-	17.1	16	4.6	12	-	-	102	-	13	9	20	16	-	-	-	-	-	-	0	0	0	-	-	-	-	-	-	
Wincanton	9 9	114	15.2	7.5	11.3	-	18.5	16	2.0	2	-	-	81	-	23	9	19	14	0	0	0	0	1	0	0	0	0	-	-	0	-	-	-	
Bath	9 9	118	(14.8)	(7.4)	(11.1)	-	17.7	16	2.0	30	12.8	-	59	122	9	4	19	14	0	0	0	0	0	1	0	0	0	-	0	-	-	-	S	
Dorset																																		
Portland Bill	21-9	53	14.1	9.8	11.9	-	18.7	14	7.4	4	-	-	42	-	12	12	14	9	0	0	0	0	0	0	1	0	0	0	0	0	6.26	-	-	
Coastguard	9 9	23	15.1	9.1	12.1	-3.1	19.0	14	5.7	30	-	-	41	-	9	12	15	9	0	0	0	0	0	0	0	0	0	-	-	0	5.15	-	-	
Weymouth	9 9	26	15.1	7.8	11.5	-	19.3	15	2.9	1,2	-	-	75	-	12	2	18	17	-	0	-	-	-	-	-	0	7	-	-	-	-	-	-	
Winfrith	9 9	207	14.3	7.3	10.8	-3.2	17.2	15.16	4.5	1	-	-	82	170	16	9	18	17	-	0	-	-	-	-	1	0	-	-	-	-	-	-	-	
Shaftesbury	9 9	11	14.5	-	-	-	17.4	14	-	-	-	-	13.5	56	151	11	4	15	11	0	-	0	0	1	0	0	0	-	-	0	5.95	74	-	
Swanage	9 9	8	15.6	8.1	11.9	-	19.2	15	3.6	2	14.3	13.3	58	141	8	4	18	15	0	0	0	0	0	0	0	0	0	-	-	0	5.63	74	-	
Poole	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Devon																																		
Virginstow	9 9	168	(14.6)	(7.0)	(10.8)	-	22.4	15	4.4	2	-	-	121	-	24	12	23	21	0	-	0	0	0	0	1	0	0	-	0	-	-	-	-	
Harland Point	21-9	91	12.8	8.0	10.4	-	15.4	16	5.4	4	-	-	115	236	22	6	22	15	0	0	0	0	0	0	0	0	0	0	0	2	5.46	73	-	
Mount Batten	21-9	27	14.1	8.9	11.5	-3.0	19.2	14	5.9	28	-	-	103	202	31	12	22	17	0	0	0	0	0	0	2	0	0	0	0	0	5.09	69	-	
Plymouth Hoe	9 9	36	14.3	8.6	11.5	-3.5	19.3	14	6.0	2,28	13.6	12.7	98	191	34	12	19	15	0	0	0	0	0	0	1	0	0	0	0	0	4.83	66	-	
Tavistock	9 9	139	14.4	7.1	10.7	-3.6	19.4	16	0.8	17	-	-	11.4	134	210	26	12	25	18	0	0	0	0	1	0	2	0	8	-	0	-	-	-	
Chivenor	21-9	6	15.0	9.0	12.0	-3.1	19.2	14	5.4	2	-	-	88	187	24	6	21	13	0	0	0	0	0	0	0	0	0	0	0	0	4.72	-	-	
Prawle Point	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	12	0	0	0	0	0	1	0	-	-	-	-	-	-	-	-	
Totnes	9 9	84	15.0	7.5	11.3	-	18.4	15	4.1	30	12.1	11.2	93	-	33	13	17	13	0	0	0	0	0	0	0	0	0	-						



Table 3 Summary of daily observations

June 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine							
			means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure				
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																				
NORTHERN IRELAND																																				
Londonderry																																				
Coolkeeragh	9 9	3	14.7	6.5	10.6	-	17.0	29	3.2	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Loughmore Forest	9 9	174	13.6	6.0	9.8	-	16.6	16	-1.2	12	-	-	105	-	18	26	21	19	0	0	0	0	0	1	0	0	0	1	4	-	-	0	-	-		
Banagher Caugh Hill	9 9	216	13.2	6.0	9.6	-	17.0	30	2.8	28	-	-	113	-	19	26	22	19	0	0	0	0	1	1	1	0	0	1	-	-	3	-	-			
Derrynoyd Forest	9 9	88	15.0	6.2	10.6	-	17.6	16	0.6	12	-	-	70	-	13	26	23	17	0	0	0	0	0	0	0	0	0	0	0	-	-	0	-	-		
Somerset Forest	9 9	43	15.0	6.5	10.7	-	18.0	13	2.4	7	-	-	70	-	12	26	20	15	0	-	1	0	1	0	1	0	0	1	-	-	0	-	-			
Coleraine University	9 9	23	13.6	6.9	10.3	-	16.3	26	1.1	12	12.0	10.4	77	-	15	26	21	20	0	0	0	0	0	0	0	0	0	0	2	2	0	5.56	-	-		
Garvagh Forest	9 9	88	14.1	5.5	9.8	-	16.1	16	1.3	12	12.6	10.2	78	-	16	26	22	18	0	0	0	0	0	0	0	0	0	0	3	3	0	-	-			
Moneydig	21-9	34	14.6	6.1	10.3	-2.8	17.6	16	0.5	12	13.5	-	66	95	13	26	21	18	0	0	0	0	3	0	2	0	0	4	0	0	-	-	-			
Traad Point	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Antrim																																				
Ballymoney	9 9	55	14.6	6.5	10.5	-	16.7	30	2.4	12	-	-	58	-	11	26	20	20	0	-	1	0	1	0	1	0	0	0	-	-	-	-	-	-		
Lisnafillan	9 9	38	14.4	6.6	10.5	-	17.2	16	-0.5	12	-	-	91	-	21	28	20	19	0	0	0	0	2	1	0	0	1	1	-	-	6.20	-	-			
Aldergrove	21-9	68	14.6	7.2	10.9	-2.4	17.4	13	2.4	12	12.5	10.5	74	118	20	26	20	16	0	0	0	0	3	0	0	0	0	1	0	0	5.72	96	-	-		
Greenmount	9 9	32	14.6	6.9	10.7	-	17.9	13	0.0	12	13.4	-	69	-	20	26	19	13	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	-		
Altnahinch	9 9	226	12.3	5.7	9.0	-	15.5	13	3.3	7.28	-	-	118	-	24	26	23	19	0	0	0	0	1	0	1	0	0	3	0	4.94	-	-	-	-		
Parkmore Forest	9 9	235	12.3	5.3	8.8	-	14.4	25	1.6	12	10.8	-	122	118	25	26	19	19	0	0	0	0	0	0	0	0	0	5	-	-	-	-	-			
Black Mountain	21-9	295	12.5	5.5	9.0	-	15.4	16	3.1	12	-	-	97	-	19	26	20	18	0	-	-	-	-	1	-	0	-	-	-	-	-	-	-			
Lowtown	9 9	271	12.2	5.0	8.6	-	15.4	16	1.6	12	10.0	-	116	-	22	26	24	19	0	0	0	0	0	0	1	0	8	-	-	3	4.63	-	-			
Ballypatrick Forest	9 9	152	12.7	5.9	9.3	-	15.4	26	2.0	9	-	-	104	128	23	26	20	16	0	0	0	0	0	1	2	0	2	-	-	0	4.35	-	-			
Belfast Malone	9 9	35	15.0	6.7	10.9	-	18.6	14	1.6	10	12.9	-	79	-	19	26	22	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-		
Newtownabbey	9 9	32	14.5	8.3	11.4	-	17.6	16	5.1	3	13.1	-	92	-	19	26	22	15	0	0	0	0	5	0	1	0	0	0	-	-	0.561	-	S	-		
Woodburn North	9 9	217	12.9	5.8	9.3	-	16.2	16	0.5	12	-	-	104	133	19	26	22	18	0	0	0	0	3	2	0	0	3	-	-	-	-	-	-	-		
Larne	9 9	43	15.2	7.2	11.2	-	17.8	16	4.2	3	-	-	79	120	16	26	18	16	0	0	0	0	1	0	0	0	0	0	-	-	-	-	-	-		
Kilroot	9 9	22	14.5	7.1	10.8	-	17.0	16	4.1	29	-	-	71	-	15	26	19	14	0	0	0	0	0	1	0	0	0	0	-	-	-	-	-	-		
Ballylumford	9 9	24	14.4	7.9	11.1	-	17.0	16	5.7	11.12	-	-	63	-	19	26	17	12	-	-	-	-	-	-	-	-	0	1	-	-	-	-	-	-		
Down																																				
Hillsborough	9 9	116	13.8	6.6	10.2	-2.7	16.7	16	2.3	12.13	12.3	10.4	81	139	19	26	19	17	0	0	0	0	2	1	0	0	1	-	-	0	5.87	97	-	-		
Kilkeel	21-9	18	14.1	8.3	11.2	-2.0	16.9	16	4.4	20	-	-	72	-	17	26	19	14	0	0	0	0	1	0	1	0	0	0	0	0	6.05	-	-	-		
Rosetta	9 9	24	14.9	7.6	11.3	-	17.4	16	3.3	12	-	-	77	-	21	26	21	16	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Murlough	9 9	9	14.8	6.7	10.7	-	17.3	14	-0.7	12	12.2	11.0	63	-	17	26	21	14	0	0	0	0	0	0	0	0	1	6	-	-	0	5.39	-	-		
Belfast Rosebank	9 9	47	15.2	7.7	11.5	-	18.0	13	5.2	3	-	-	77	-	22	26	19	15	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stormont Castle	9 9	56	14.8	7.4	11.1	-	17.0	14.17	4.5	3	13.3	11.9	79	134	21	26	21	17	0	0	0	0	3	1	0	0	0	-	-	-	5.92	-	-	-		
Downpatrick	9 9	26	15.0	7.6	11.3	-	17.5	16	4.2	12	-	-	68	-	15	26	15	13	0	-	1	0	0	0	0	0	0	0	-	-	-	-	-	-		
Creightons Green	9 9	119	13.6	6.9	10.3	-	16.6	16	3.8	12	-	-	84	-	22	26	21	16	0	0	0	0	1	0	1	0	0	2	-	-	0	-	-	-		
Cross Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Helens Bay	9 9	43	15.0	7.7	11.3	-	18.0	16	4.8	12	-	-	79	-	17	26	22	16	0	0	0	0	2	1	0	0	0	0	-	-	0	5.43	-	-		
Killough	21-9	15	13.8	7.6	10.7	-	17.1	16	3.4	12	-	-	75	-	18	26	19	15	0	0	0	0	0	0	0	0	0	0	0	1	-	-	-	-		
Ballywalter Park	-	11	-	-	-	-	-	-	-	-	-	-	102	185	16	26	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.82	-	-	
Armagh																																				
Armagh	9 9	62	15.6	6.6	11.1	-2.7	18.1	14	2.7	12	14.4	13.0	63	104	11	26	19	17	0	0	0	1	0	2	0	0	2	-	-	0	4.66	83	-	-		
Loughall	9 9	25	14.8	6.9	10.9	-	17.8	16	1.9	12	-	-	73	136	15	26	20	16	0	0	0	0	0	1	0	0	0	6	-	-	0	5.64	-	-		
Tandragee	9 9	43	15.6	7.1	11.3	-	19.0	13	4.0	14	-	-	62	-	14	26	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	93	135	20	26	24	16	0	0	0	0	0	2	-	-	-	-	-	-	-	5.35	87	-	-	
Portadown	9 9	16	14.8	7.2	11.0	-	17.2	13	2.2	12	13.3	12.2	74	-	16	26	20	17	0	-	0	0	0	0	0	0	0	0	-	-	-	-	-	-		
Lurgan	9 9	55	15.0	7.0	11.0	-	17.2	14	2.0	12	13.2	11.8	69	-	20	26	19	19	-	-	-	-	-	-	-	-	0	1	-	-	-	5.84	-	-		
Tyrone																																				
Lough Bradan	9 9	169	13.3	5.7	9.5	-	16.1	13	1.5	1	-	-	116	-	12	20	24	22	-	0	-	-	-	-	0	0	4	-	-	-	5.76	-	S	-		
Baronscourt Forest	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Strabane Convent	9 9	44	15.4	6.8	11.1	-	19.0	16	1.5	12	-	-	82	-	11	26	24	21	0	0	0	0	0	0	0	0	2	-	-	1	5.79	-	-	-		
Carrigans	21-9	113	14.1	6.2	10.1	-	16.9	13	0.9	12	-	-	119	-	16	26	21	21	0	0	4	1	2	0	0	2	0	0	-	-	-	-	-	-		
Lislap Forest	9 9	209	13.2	5.2	9.2	-	15.6	29	0.3	12	11.9	-	132	155	21	26	22	18	0	0	0	0	0	0	0	0	1	-	-	-	-	-	-	-		
Knockmany Forest	9 9	73	14.3	5.6	9.9	-	17.1	13	0.8	12	-	-	101	143	20	26	21	17	0	0	0	0	1	2	0	0	4	-	-	-	-	-	-	-		
Pomeroy Forest	9 9	165	14.0	5.9	9.9	-	16.7	14	2.6	12	12.5	-	71	-	14	26	21	17	0	0	1	0	2	0	0	1	-	-	-	-	-	-	-	-		
Cookstown	9 9	77	14.3	6.1																																







Table 4 Summary of observations at fixed hours

June 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																													
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured											beaufort force																												
								mean	0	1.2	3.5	6.7		8	0-99 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	8 or more	6.7	4.5	1-3	calm	N	NE	E	SE	S	SW	W	NW															
																																						number of observations										speed (kt)				
																																																22-33				
6a SCOTLAND W—continued																																																				
Eskdalemuir, Dumfriesshire																																																				
237	3	1010.0	-	6.2	0.5	8.9	93	6.1	0	0	2	8	6	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	9	1009.7	-5.1	10.1	2.0	9.5	77	6.8	0	0	0	4	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	15	1009.4	-	12.1	2.7	10.1	72	6.6	0	0	0	6	18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	21	1010.1	-	8.7	1.0	9.8	87	6.0	0	2	7	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
6b ISLE OF MAN																																																				
Ronaldsway																																																				
21	3	1010.5	-	9.1	0.9	10.2	88	5.8	0	6	3	10	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															
	9	1010.9	-4.9	11.3	1.7	10.6	79	6.5	0	3	2	18	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															
	15	1010.9	-	12.5	2.2	10.8	75	5.5	0	7	4	11	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															
	21	1010.9	-	10.4	1.2	10.6	84	5.8	0	4	7	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
Point of Ayre																																																				
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
	9	1010.6	-	11.5	1.2	11.7	86	6.1	0	3	6	9	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	15	1010.6	-	13.6	2.4	11.5	75	5.2	1	3	12	9	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															
	21	1010.1	-	10.6	1.0	11.2	88	5.2	1	3	11	10	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															
2 ENGLAND NE																																																				
Acklington, Northumberland																																																				
46	3	1009.7	-	7.7	0.4	10.0	94	5.3	0	9	2	9	9	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	9	1009.9	-5.0	12.6	2.0	11.3	77	6.2	0	0	10	15	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															
	15	1010.1	-	13.9	2.6	11.4	72	6.2	0	1	8	16	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															
	21	1010.1	-	10.2	1.0	10.9	87	5.7	0	6	4	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
Tynemouth, Northumberland																																																				
40	3	1010.2	-	9.7	0.6	11.2	92	5.5	1	6	6	7	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															
	9	1010.5	-4.8	12.0	1.3	11.9	84	6.1	0	0	9	12	9	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	1010.4	-	13.6	2.0	12.2	79	6.3	0	0	10	9	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															
	21	1010.5	-	11.9	1.2	11.9	85	6.2	0	2	6	10	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
Seahouses, Northumberland																																																				
12	3	1009.4	-	-	-	-	-	5.6	0	6	6	9	9	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	1009.7	-	12.3	2.0	10.9	76	6.0	0	2	8	13	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															
	15	1009.5	-	13.7	2.9	10.7	69	6.0	0	1	10	12	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															
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																
Leeming, Yorkshire N.R.																																																				
33	3	1010.5	-	8.9	0.7	10.5	91	5.6	2	6	2	6	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	9	1010.4	-5.3	12.3	2.0	11.0	77	6.5	0	1	5	15	9	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	1010.6	-	14.8	3.5	10.7	64	6.1	0	1	7	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	21	1010.9	-	11.6	1.7	10.9	80	6.3	0	3	5	11	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															
Whitby Coastguard, Yorkshire N.R.																																																				
66	3	1010.5	-	9.0	0.5	10.8	93	6.0	0	5	5	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0															
	9	1010.8	-	11.8	1.2	11.8	85	5.9	0	1	12	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0</																										



June 1972

Table 4 Summary of observations at fixed hours

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility						wind speed and direction																		
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						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														
								mean	0	1.2	3.5	6.7	8											sky obscured	speed (kt)						N	NE	E	SE	S	SW	W	NW
																									8 or more													
																									6.7	4.5	1-3	calm										
number of observations																																						
3 ENGLAND E—continued																																						
Cardington, Bedfordshire	29	3	1012.7	-	8.4	0.3	10.6	95	5.5	0	7	5	6	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	3	1013.5	-3.1	13.3	2.6	10.8	71	6.2	0	0	2	6	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1012.7	-	5.8	4.0	10.6	59	6.8	0	0	5	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	3	1013.1	-	11.2	1.4	11.0	83	6.2	0	3	4	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stansted, Essex	102	3	1013.0	-	8.8	0.4	10.7	94	5.3	2	6	5	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	3	1013.6	-3.2	12.9	2.3	11.0	74	5.8	0	2	11	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1012.9	-	15.3	3.8	10.7	62	6.6	0	0	5	22	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	21	3	1013.7	-	11.4	1.5	11.1	82	5.8	0	6	5	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	
Shoeburyness, Essex	5	9	1014.0	-3.1	13.8	2.2	11.9	76	5.3	0	3	12	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1013.5	-	15.5	3.1	11.9	68	6.1	0	1	7	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	3	1013.6	-	12.7	1.7	11.8	80	5.4	0	5	7	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Walton-on-Naze, Essex	8	3	1013.4	-	10.6	0.7	11.7	91	4.3	4	7	7	2	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	3	1014.1	-	14.1	2.1	12.3	76	5.1	1	3	11	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1013.8	-	15.6	2.7	12.7	72	5.7	0	1	11	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	3	1013.7	-	13.0	1.6	12.2	82	5.2	1	6	8	2	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4 MIDLAND COUNTIES																																						
Huddersfield Oakes, Yorkshire W. R.	235	3	1011.1	-	7.7	1.0	9.1	86	6.1	2	0	8	6	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	3	1011.4	-4.3	11.3	1.5	11.0	82	6.9	0	0	5	10	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1011.5	-	13.3	2.5	11.0	73	6.7	0	1	5	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	3	1011.7	-	9.7	1.0	10.5	87	6.0	2	2	7	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Watnall, Nottinghamshire	119	3	1011.8	-	8.6	0.5	10.6	94	5.4	1	7	4	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	3	1012.2	-4.0	12.3	1.8	11.4	79	6.4	0	0	8	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1011.8	-	14.6	3.0	11.4	69	6.7	0	2	2	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	3	1012.3	-	11.2	1.3	11.2	84	6.3	0	2	6	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Finningley, Nottinghamshire	14	3	1011.0	-	8.7	0.5	10.6	93	5.8	3	3	4	7	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	3	1011.4	-4.5	13.3	2.2	11.7	76	6.3	0	1	4	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	3	1011.2	-	15.1	3.2	11.5	67	6.6	0	0	5	18	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	







[illegible]



Table 5 Number of days with maximum and minimum temperatures between given limits June 1972

Station	maximum °C								minimum °C								Station	maximum °C								minimum °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 (psychrometer)	0	0	3	27	0	0	0	0	0	0	0	0	4	25	1	0	Edgbaston	0	0	0	17	13	0	0	0	0	0	0	0	0	25	5	0	
Lerwick (large screen)	0	0	3	27	0	0	0	0	0	0	0	0	5	24	1	0	Kew (psychrometer)	0	0	0	5	25	0	0	0	0	0	0	0	0	5	14	11	0
Stornoway	0	0	0	29	1	0	0	0	0	0	0	0	6	23	1	0	Kew (north-wall screen)	0	0	0	3	23	4	0	0	0	0	0	0	0	2	16	12	0
Craibstone	0	0	0	20	10	0	0	0	0	0	0	0	6	22	2	0	Hastings	0	0	0	17	13	0	0	0	0	0	0	0	0	0	18	12	0
Rothsay	0	0	0	21	9	0	0	0	0	0	0	0	2	28	0	0	Southampton	0	0	0	13	16	1	0	0	0	0	0	0	0	19	11	0	
Abbotsinch	0	0	0	17	13	0	0	0	0	0	0	0	6	22	2	0	Stonyhurst	0	0	0	21	9	0	0	0	0	0	0	0	4	24	2	0	
Eskdalemuir (psychrometer)	0	0	1	24	5	0	0	0	0	0	0	0	14	15	1	0	Rhyl	0	0	0	17	13	0	0	0	0	0	0	0	0	22	8	0	
Eskdalemuir (large screen)	0	0	1	21	8	0	0	0	0	0	0	0	14	14	2	0	Valley	0	0	0	24	6	0	0	0	0	0	0	0	1	18	11	0	
Douglas	0	0	1	25	4	0	0	0	0	0	0	0	0	26	4	0	Rhoose	0	0	0	18	12	0	0	0	0	0	0	0	3	20	7	0	
Acklington	0	0	0	13	16	1	0	0	0	0	0	0	9	17	4	0	Falmouth	0	0	0	22	8	0	0	0	0	0	0	0	1	22	7	0	
Gorleston	0	0	0	9	18	3	0	0	0	0	0	0	0	17	13	0	Aldergrove	0	0	0	19	11	0	0	0	0	0	0	0	3	26	1	0	
Cambridge Botanic Gardens	0	0	0	3	25	2	0	0	0	0	0	0	3	20	7	0	Armagh	0	0	0	12	18	0	0	0	0	0	0	0	6	24	0	0	

Table 6 Summary of autographic records of wind

June 1972

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed								mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt		less than 4 kt.	no record	highest hourly wind				highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
					dates of occurrence	duration (hours)	no. of days	Duration in hours						veer from N	speed (kt)	hour ended at day hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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Table 6 Summary of autographic records of wind

June 1972

District, county and place		height of vane (metres)		distribution of hourly mean values of wind speed								mean hourly wind speed (kt)	highest velocities								
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt				11-21kt		4-10kt		less than 4 kt		no record		
					dates of occurrence		duration (hours)	no. of days	Duration in hours												
													year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time			
3 ENGLAND E—continued																					
Bedford	Bedford	94	13	9		0	1	2	268	373	72	5	9.6	170	23	7	07	280	40	22 2035	
	Cardington	69	41	41		0	3	4	315	353	48	0	10.5	200	24	7	08	280	39	22 2130	
Hertford	Garston	94	15	10		0	0	0	49	489	182	0	5.6	250	14	8	1	250	34	19 1315	
	Rothamsted	141	13	10		0	0	0	24	430	266	0	5.0	210	12	7	15	230	35	7 1450	
Essex	Stansted	108	10	10		0	0	0	193	445	82	0	8.1	200	18	7	14	240	31	21 1530	
	Shoeburyness	36	32	28		0	6	40	411	241	22	6	12.7	210	29	18	17	310	46	19 1600	
4 MIDLAND COUNTIES																					
Yorks W.R.	Sheffield	162	25	11		0	0	0	31	239	450	0	3.4	230	15	23	09	270	41	22 2045	
	Church Fenton	18	10	10		0	0	0	124	385	205	6	6.4	280	17	23	09	260	34	22 1345	
Nottingham	Watnall	130	13	10		0	0	0	178	426	116	0	7.7	240	21	21	11	270	38	22 1740	
	Finningley	19	10	10		0	1	2	212	358	148	0	8.0	230	23	21	08	290	41	22 1935	
	Cottesmore	143	13	13		0	1	2	268	377	37	36	9.8	300	22	23	10	280	44	19 1240	
Northampton	Wittering	83	10	10		0	0	0	164	475	81	0	7.7	190	19	7	10	290	34	22 1715	
	Edgbaston	196	36	22		0	0	0	154	454	112	0	7.5	220	20	18	02	220	34	18 0130	
Warwick	Elmdon	105	10	10		0	0	0	227	418	75	0	8.5	190	21	18	03	190	35	7 1810	
	Brize Norton	91	13	10		0	0	0	207	365	148	0	7.7	210	17	7	07	190	34	7 1220	
Stafford	Keele	215	15	10		0	0	0	48	490	182	0	5.7	210	16	18	02	280	39	22 1515	
Worcester	Pershore	47	10	10		0	1	1	290	362	67	0	9.6	200	22	18	03	270	39	19 1225	
Gloucester	Avonmouth	28	19	10		0	6	28	345	297	46	4	11.3	270	26	22	24	240	36	21 1225	
	Fairford	88	10	10		0	0	0	285	347	88	0	9.2	270	20	19	14	240	38	7 0555	
5 ENGLAND SE																					
Greater London	London Weather Centre	93	70	38		0	0	0	251	449	20	0	9.4	170	19	7	06	180	31	7 1450	
	Heathrow	34	10	10		0	0	0	273	407	40	0	9.3	150	19	7	05	260	36	19 1140	
	Hampton	42	31	30		0	0	0	184	410	126	0	7.7	220	20	21	13	280	37	19 1550	
	Kew	28	23	15		0	0	0	103	420	197	0	6.3	220	16	21	13	220	33	21 1240	
Surrey	Gatwick	69	10	10		0	0	0	271	335	114	0	8.9	230	21	21	13	180	35	7 0355	
	Isle of Grain	15	12	10		0	3	9	414	262	35	0	11.3	210	25	21	14	210	37	21 1340	
Kent	Dungeness	16	10	10		0	3	18	421	235	41	5	11.8	190	26	18	12	200	38	7 0455	
	Dover	21	12	19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Manston	61	17	17		0	4	21	322	343	34	0	10.7	230	27	21	16	210	38	18 1245	
	Thorney Island	16	10	10		0	6	29	379	264	48	0	11.5	210	29	18	13	170	40	7 0305	
Berkshire	Abingdon	90	12	12		0	0	0	190	379	151	0	7.5	260	18	19	15	190	34	7 1410	
Hampshire	Hurn	23	13	11		0	1	1	223	343	153	0	8.2	190	22	7	04	210	40	7 0350	
	Calshot	15	13	10		0	2	11	267	374	68	0	9.4	200	27	7	04	210	40	7 0355	
	R.A.E. Farnborough	75	10	10		0	0	0	191	405	124	0	7.6	190	18	7	05	260	30	19 1520	
	Larkhill	145	13	10		0	0	0	259	377	84	0	9.0	200	21	7	13	210	45	7 0450	
Wiltshire	Boscombe Down	130	16	16		0	1	1	321	294	104	0	9.5	210	22	7	11	240	36	7 0445	
	Porton	120	10	10		0	2	2	291	321	106	0	9.6	200	25	7	05	210	39	7 0445	
7a ENGLAND NW																					
Cumberland	Sellafield	25	12	11		0	5	22	261	341	96	0	9.5	200	28	17	24	200	40	17 2305	
	Carlisle	41	13	9		0	2	4	285	340	91	0	9.0	200	23	17	23	210	38	17 2210	
	Spadeadam	292	16	15		0	2	2	224	337	157	0	8.1	230	23	18	03	250	40	21 1605	
	Great Dun Fell	857	10	10	2,5,10,17,18,20,21,22,25	80	25	262	244	111	23	0	21.1	210	60	17	22	210	78	17 2130	
Lancashire	Moor House	597	15	14		0	6	49	349	311	11	0	12.2	240	30	18	04	240	41	18 0305	
	Squires Gate	26	16	11		0	6	49	349	311	11	0	12.2	240	30	18	04	240	41	18 0305	
	Aigburth	38	23	11	Defective Record																
	Southport	19	14	11		0	3	19	181	278	242	0	7.5	270	25	22	20	280	45	22 1855	
	Fleetwood	34	15	9		0	2	10	174	305	231	0	7.3	270	27	22	19	210	41	21 0430	
	Speke	30	10	10		0	1	2	280	368	70	0	9.6	280	24	22	20	280	41	22 1915	
	Manchester Weather Centre	82	45	17		0	0	0	236	388	96	0	8.6	270	20	22	17	280	38	22 1410	
	Ringway	80	10	10		0	1	1	254	368	97	0	8.9	190	22	18	03	240	36	19 1045	
7b NORTH WALES																					
Anglesey	Valley	26	16	12	2,17,18	15	17	119	384	160	42	0	15.2	190	40	17	21	190	53	17 2110	
8a SOUTH WALES																					
Cardigan	R.A.E. Aberporth	144	10	10		0	7	35	372	268	45	0	11.8	180	29	17	24	190	43	17 2350	
Pembroke	Milford Haven					0	3	8	289	388	35	0	10.1	220	25	17	24	230	37	17 2255	
	Conservancy Board	47	10	10		0	3	9	293	316	102	0	9.7	300	25	22	24	230	34	21 0925	
Glamorgan	Port Talbot	28	12	11		0	3	9	293	316	102	0	9.7	300	25	22	24	230	34	21 0925	
	Rhose	77	10	10		0	2	2	303	313	102	0	9.5	240	22	21	12	250	37	21 1210	
8b ENGLAND SW																					
Dorset	Portland Bill Coastguard	60	13	13		0	8	30	437	216	37	0	12.1	260	33	7	04	260	46	7 0305	
Devon	Mount Batten	64	13	13		0	6	27	344	307	42	0	11.1	220	28	18	08	220	36	18 0635	
	Chivenor	22	16	13		0	1	1	328	338	53	0	9.8	250	22	21	11	180	34	5 1750	
Cornwall	Scilly	70	20	17		0	2	6	361	257	96	0	10.3	030	24	13	13	030	39	13 1200	
	Lizard	96	23	18		0	4	19	461	229	11	0	12.9	230	24	18	07	230	32	18 0650	
	St Mawgan	120	13	13		0	0	0	374	306	40	0	10.5	240	21	21	09	240	32	21 0910	
NORTHERN IRELAND																					
</																					



Table 3 Additions and corrections

Year Month Station			max. terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
									max. (a)	min. (b)	max.	date					min.	date																	amount (mm)	date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

Table 6 Additions and corrections

Year Month Station			height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
			above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt.	no record		highest hourly wind				highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
						dates of occurrence	duration (hours)	no. of days	Duration in hours						veer from N		speed (kt)	hour ended at day hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
1971	January	Machrihanish	23	13	13																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	





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## Changeable at first, dry spells with local thunderstorms later

Troughs of low pressure from the Atlantic frequently crossed all areas until the 13th when high pressure became established in the North Sea. For most of the remainder of the month all districts were dominated by anticyclones centred first to the east and then to the west and north of the British Isles. Relatively low pressure returned on the last 2 days.

### Weather

The cool and changeable weather of the previous month continued for the first 10 days or so and returned on the last few days. The remainder of the month was more settled and it was very warm at times away from the North Sea coast. Many areas had spells of virtually dry weather but violent thunderstorms occurred in places, especially from the 19th to 24th and notably in the southern half of the United Kingdom.

### Wind

There were almost no reports of gales during the month and occurrences of strong winds were few and of short duration. A feature was the spell of mainly light winds between north and east for much of the second half of the month.

### Temperature

Over the month as a whole mean temperature was generally below average although deficits in many areas were very small. However, in some localities, mainly in the east of England and Scotland, monthly mean temperature was some 1 - 1.5 degC below average. Broadly speaking during the first 10 days temperature was below average, during the next 10 days it was above average and for the remainder of the month it was near average, although areas near the North Sea were frequently cool during the second half of the month. Much of the third week was very warm or even hot by day away from the North Sea coast and a number of stations in Scotland, Northern Ireland and northern England had their highest July temperatures since 1955. On the 20th the temperature at Perth reached 29.4°C and Turnhouse (Midlothian) had its warmest July day (28.4°C) since records began in 1948.

### Rainfall

Most districts of the United Kingdom had less rainfall than average. In Scotland generally there have been only 6 occasions during the last 100 years when July has been drier, the last was in 1955. Large regions of the Scottish mainland, in the east and north especially, had less than half the average rainfall, while some areas in Inverness-shire and near the east coast recorded less than a quarter of the average. Arbroath (Angus) had probably its driest

July since 1898 and in Aberdeen and at Gladburn reservoir (Midlothian) it was the driest July since 1913. In England also large areas had less than half the average rainfall and certain areas, notably around the Severn estuary, had under a quarter of average; Usk (Monmouthshire) had its lowest July rainfall since records began in 1924. Heavy frontal rain causing local flooding occurred in Wales and north-west England on the 3rd and 4th; heavy rain-falls in a 24-hour period commencing at 09 GMT included 104.8 mm at Blaenau Ffestiniog (Merioneth) on the 3rd and 110.0 mm at Honister (Cumberland) on the 4th. After this, however, the main features of the month were the spells of virtually dry weather and local violent thunderstorms in some parts of England. From the 13th to 18th very little rain fell anywhere but, while many areas continued mainly dry for another 3 days, there were thunderstorms in some places. Overnight on the 18th/19th violent thunderstorms occurred in the southernmost counties of England. One in the east Devon/west Dorset area caused lightning damage to buildings and disruption to telephones and electric power supplies. In a small area just to the north and east of Exeter a number of intense rainfalls classified as 'very rare' were recorded. These included: 89.1 mm in 132 minutes at Exeter Airport; 78.3 mm in about 2 hours at Rockbeare Manor; 88.2 mm in 3 hours at Stallcombe; 78.6 mm in 135 minutes at Bramford Speke; about 78 mm in 2½ hours at Redhayes; 86.0 mm in about 3¼ hours at Stoke Canon; 82.7 mm in about 3½ hours at Pinhoe. In sharp contrast to these rainfalls Newton Abbot, some 20 miles south-west of Exeter, had a mere 9.3 mm of rain during the entire month (of which only 0.8 mm could have been associated with the Exeter thunderstorm) and it was the driest

July there since 1935. The Romney Marsh area of Kent had a severe thunderstorm on the same night as that at Exeter. Outbreaks of thunder continued until the 24th in many areas, except north Scotland, and there were many heavy rainfalls locally. Notable were the thunderstorms in the north Midlands on the 23rd. Large quantities of hail-stones fell in the vicinity of Nottingham (stones some 27 mm in diameter occurred at Watnall) and a 'very rare' rainfall of 44.3 mm in 20 minutes occurred at Farley (Staffordshire). After another period of mainly dry weather from the 25th, rain fell in most places on the 30th and thunderstorms recurred on the 31st.

### Sunshine

Sunshine was above average over Scotland, Northern Ireland and much of Wales and north-west England. Over most of central and eastern Scotland it was the sunniest July since 1955. In contrast to these sunny areas, eastern England was generally duller than average. During the third week most areas away from the North Sea coast had a good deal of sunshine, especially in the north and west of the United Kingdom.

### Fog

From the 13th to 24th fog patches on the North Sea coast were a persistent feature of the weather and they occurred also on the English Channel coast from time to time. Although the fog was often variable by day, around the 20th it became widespread and persistent and overnight on the 19th/20th it spread to many inland areas. Coastal fog patches recurred in places during the last 4 days and, in addition, morning fog occurred widely inland in southern England on the 30th.

**Table 1 District values**

**July 1972**

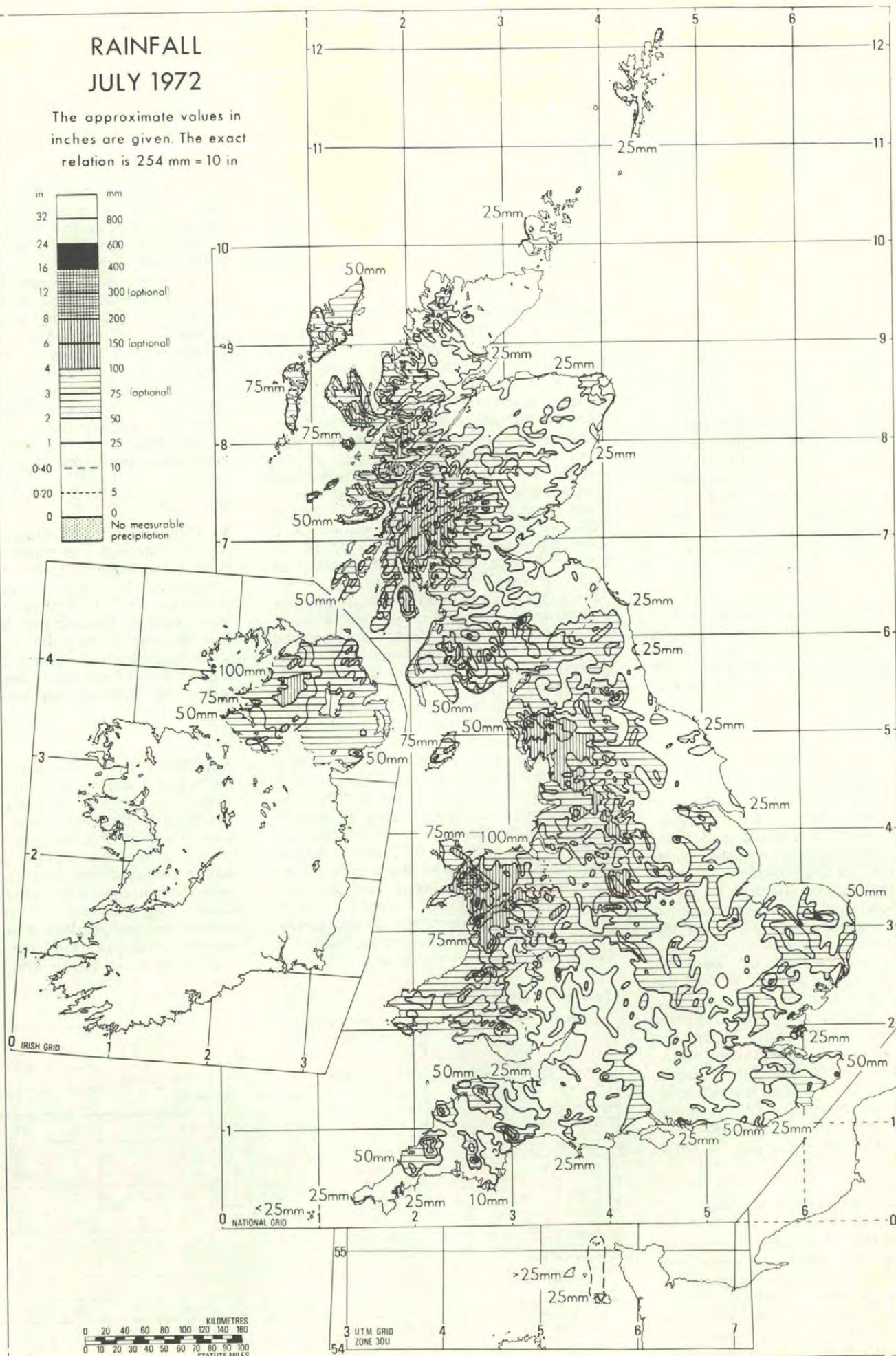
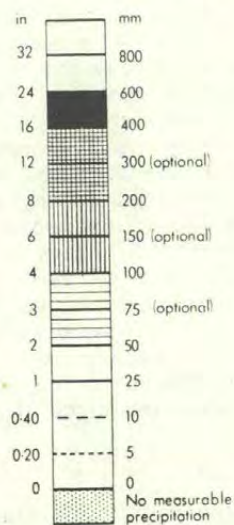
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. †	Min. †	difference from average						
0 Scotland N	25.5	4.5	0.0	-1.0	-0.5	-	-5	47	126
1 Scotland E	28.1	3.9	-0.3	-0.9	-0.6	-0.2	-6	43	127
2 England N E	26.7	2.5	-1.6	-0.9	-1.3	-0.6	-3	65	83
3 England E	26.9	2.7	-1.0	-0.6	-0.8	-0.8	-2	80	80
4 Midland Counties	25.7	3.2	-0.9	-0.6	-0.8	-0.6	-2	84	91
5 England S E	26.5	4.4	-0.8	-0.4	-0.6	-1.0	-4	62	82
6 Scotland W	28.0	3.4	+0.2	-0.5	-0.2	-0.1	-4	60	121
7 Eng N W - Wales N	28.4	5.0	0.0	-0.4	-0.2	-0.7	-4	96	112
8 Eng S W - Wales S	25.6	4.8	-0.2	-0.5	-0.4	-1.0	-5	61	98
N Ireland	26.6	3.5	+0.4	-1.1	-0.3	-	-5	75	122
Scotland	28.1	3.4	0.0	-0.8	-0.4	-	-5	50	125
England & Wales	28.4	2.5	-0.6	-0.5	-0.7	-	-3	75	91

† Highest max. and lowest min. of the District Value Stations

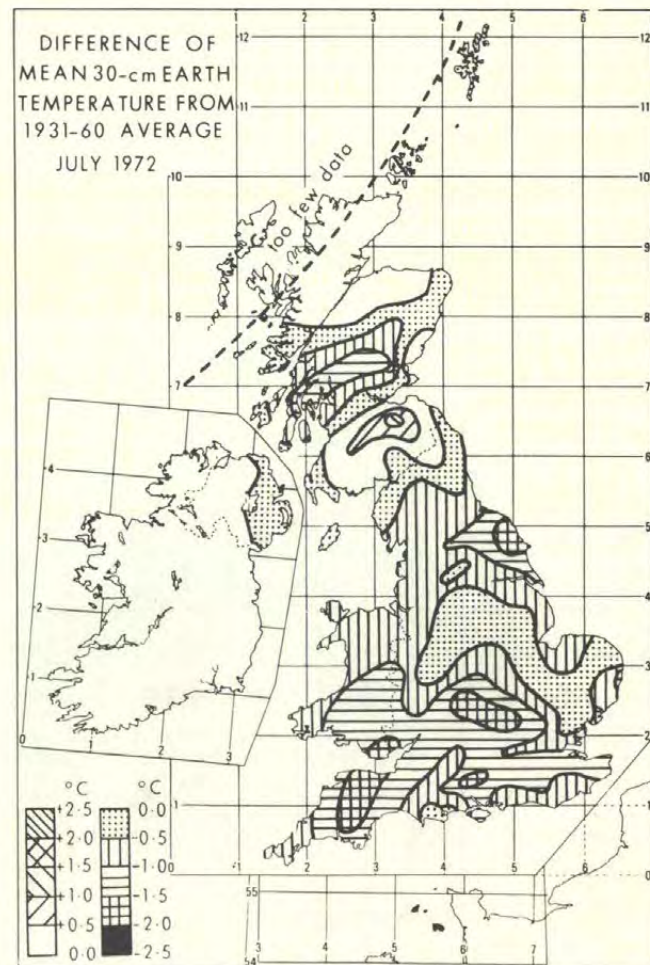
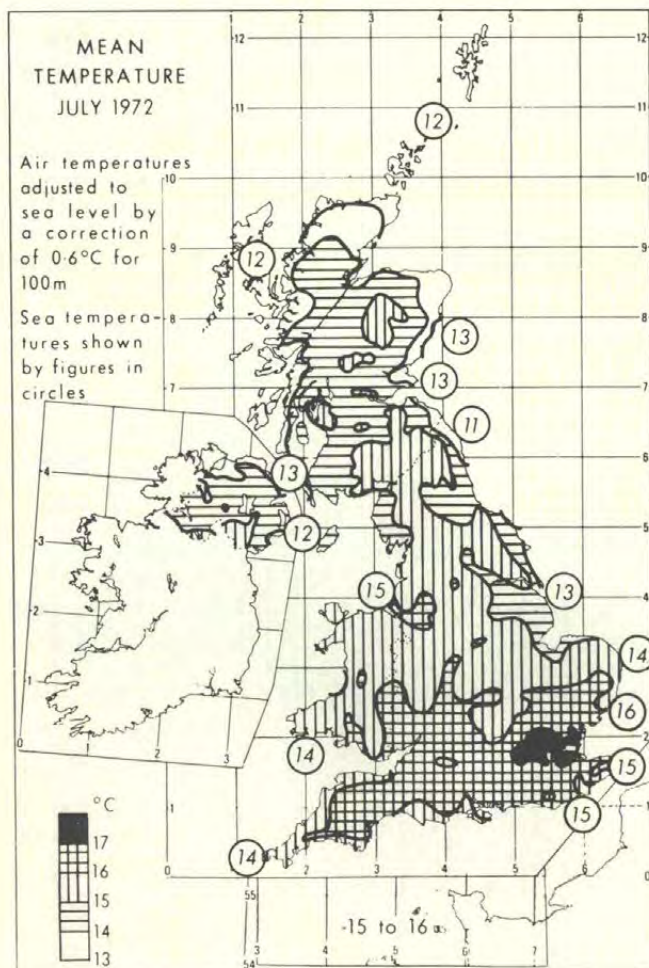
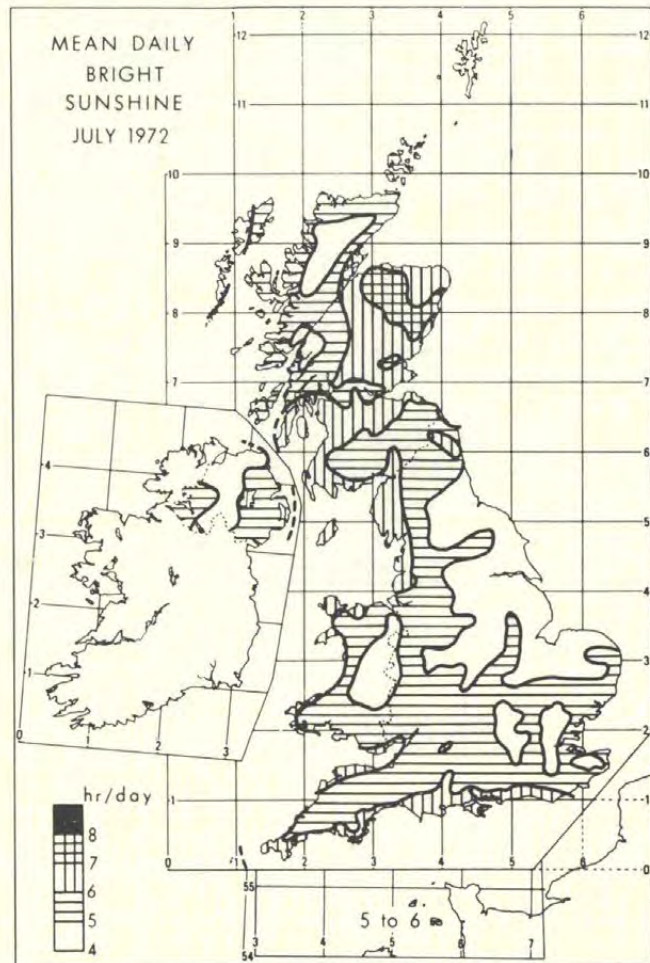
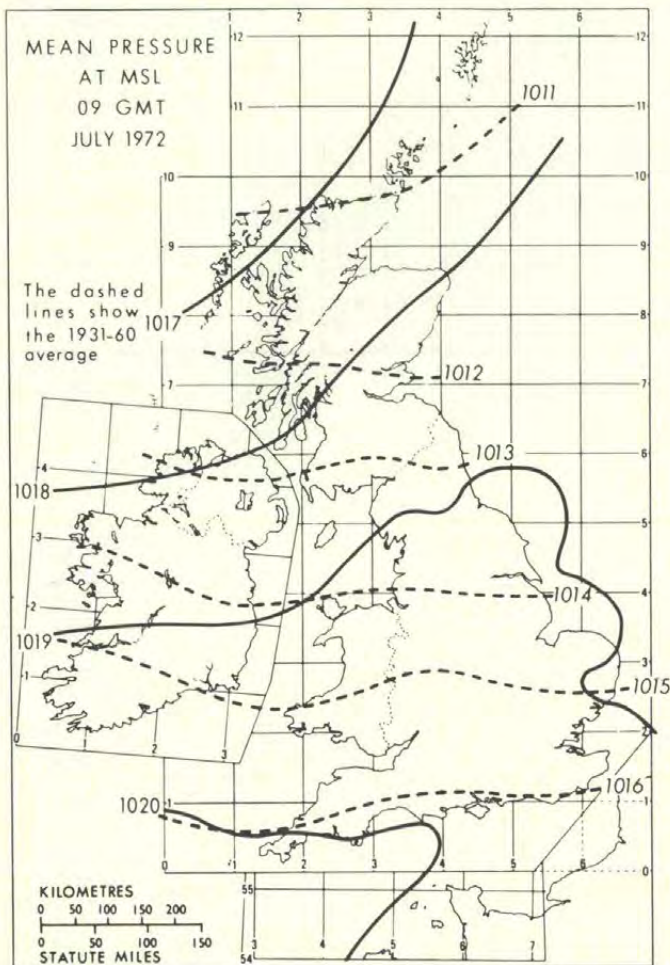


# RAINFALL JULY 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in









[illegible]

### Table 3 Summary of daily observations

**July 1972**

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount	most in a day		precip- itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min above 0°C	frost min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					date	date																
0 SCOTLAND N																																
Zetland																																
Hamnavoe	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lerwick	21-9	82	14.0	9.0	11.5	-	19.9	16	5.9	28	-	-	26	37	9	1	11	5	0	0	0	0	1	1	0	0	0	0	0	4.85	120	-
psychrometer screen			14.1	8.9	11.5	-0.5	20.6	16	6.1	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Baltsound	9 9	24	15.3	8.8	12.1	-	20.8	16	5.2	3	11.2	-	63	94	17	31	14	9	0	0	0	0	0	0	0	-	-	0	5.01	-	-	
Orkney																																
Sule Skerry	21-9	13	14.3	9.9	12.1	-	17.3	16	7.1	13	-	-	42	-	13	4	17	10	0	0	0	0	0	4	0	0	0	0	0	0	0	0
Stenness	9 9	23	16.7	9.6	13.1	-	26.5	16	6.0	27	12.3	10.5	40	58	11	16	15	9	0	0	0	0	1	0	0	0	0	0	0	6.36	-	-
Kirkwall	21-9	26	15.7	9.6	12.7	-0.1	22.4	18	6.5	10	-	-	41	62	12	3	15	8	0	0	0	0	1	1	0	0	0	0	0	5.92	130	-
Caithness																																
Downreay	9 9	21	17.4	8.9	13.1	-	26.0	15	4.5	27	-	-	35	46	9	3	15	12	0	0	0	0	0	4	0	0	0	0	0	6.14	-	-
Wick	21-9	36	15.4	9.4	12.4	-0.5	22.0	16	4.6	27	-	-	47	72	8	4	10	8	0	0	0	0	1	2	0	0	0	0	0	5.16	109	-
John O Groats	9 9	30	15.5	8.7	12.1	-	22.4	15	4.2	27	13.2	-	43	-	9	3	14	10	0	0	0	0	0	5	0	0	0	0	0	6.05	-	-
Sutherland																																
Cape Wrath	21-9	112	13.9	9.6	11.7	-0.5	20.6	18	6.7	11	-	-	41	46	12	10	15	7	0	0	0	0	0	3	0	0	0	0	0	5.80	-	-
Lairg	9 9	107	18.2	8.4	13.3	-	26.2	16.19	2.8	2.9	13.9	11.1	39	-	13	3	17	10	0	0	0	0	0	0	0	2	-	0	-	-	-	
Strathry	9 9	37	17.4	8.4	12.9	-0.3	25.9	18	3.0	27	-	-	31	38	6	4	20	10	0	0	0	0	0	2	0	-	-	0	5.66	140	-	
Ross & Cromarty																																
Stornoway	21-9	3	15.5	9.5	12.5	-0.8	21.7	16	5.8	28	-	-	47	59	6	28	17	15	0	0	0	0	0	1	0	0	0	0	0	5.11	123	-
Balmacara	9 9	4	17.0	10.2	13.6	-	23.6	16	7.5	11	-	-	63	-	10	9	16	13	0	0	0	0	0	2	0	-	-	0	-	-	-	
Poolewe	9 9	6	17.3	10.5	13.9	-	22.6	16	7.8	11	-	-	53	48	9	10	16	14	0	0	0	0	0	1	0	0	0	0	0	5.90	-	S
Rudh Re	21-9	16	14.6	10.3	12.5	-	20.0	18	8.0	11	-	-	40	-	7	4.10	18	12	0	0	0	0	0	1	0	0	0	1	-	-	-	
Inverpoll	9 9	14	17.2	9.7	13.5	-	22.4	16	5.5	26	13.4	-	52	55	10	4	18	12	0	0	0	0	0	0	1	-	0	5.03	-	-		
Kinlochewe	9 9	23	18.8	9.8	14.3	0.0	27.7	16	6.2	26	13.5	-	70	50	18	9	18	16	0	0	0	0	0	1	0	-	0	4.99	-	S		
Knockanrock	9 9	244	16.0	9.1	12.5	-	23.7	18	5.7	11	-	-	59	-	13	10	15	11	0	0	0	0	0	0	0	0	0	0	-	-	-	
Strathconon	9 9	107	19.2	8.5	13.9	-	27.5	17	2.7	15	-	-	35	-	6	8	15	10	0	0	0	0	0	0	1	-	0	-	-	-		
Fortrose	9 9	5	16.5	10.8	13.7	-0.6	22.0	14	7.5	4.13	-	-	28	41	8	4	14	7	0	0	0	0	0	0	0	0	0	0	6.76	149	-	
Tarbatness	21-9	18	17.0	10.8	13.9	+0.2	20.5	15	5.5	2	-	-	18	31	4	28	12	6	0	0	0	0	0	1	0	-	0	-	-	-	-	
Inverness																																
Benbecula	21-9	6	15.0	10.0	12.5	-1.1	19.0	22	7.2	27	-	-	63	68	10	10	20	14	0	0	0	0	0	1	0	0	0	0	0	4.75	-	-
Isle of Rhum	9 9	5	16.8	9.8	13.3	-	23.0	19	6.2	16	15.3	12.7	121	65	22	12	17	16	0	0	0	0	0	0	0	1	-	1	6.23	-	-	
Prabost	9 9	67	16.5	9.1	12.8	-	23.6	18	4.3	2	-	-	83	69	19	4	19	16	0	0	0	0	0	0	0	1	-	0	5.25	-	-	
Duntulm	9 9	90	15.2	9.3	12.3	-0.6	20.6	16	6.1	2,11,13	-	-	62	64	17	4	19	15	0	0	0	0	0	2	2	0	0	0	5.16	128	-	
Onich	9 9	15	18.3	9.2	13.7	-0.1	25.5	17,18,21	4.5	4	-	-	85	56	19	5	18	13	0	0	0	0	0	0	0	0	0	0	4.67	131	S	
Corpach	9 9	8	19.2	9.8	14.5	-	27.5	18	5.3	4	-	-	65	-	13	5	17	12	0	0	0	0	0	0	0	0	0	0	-	-	-	
Fort Augustus	9 9	21	18.8	9.3	14.1	-0.2	28.4	17	1.6	2	-	-	22	-	5	4	13	7	0	0	0	0	0	0	0	0	0	0	5.81	-	S	
Lagganlia	9 9	250	19.3	7.8	13.5	-	27.3	17	1.4	4	-	-	40	-	10	23	11	5	0	0	0	0	2	0	0	1	-	0	-	-	-	
Inverness	9 9	4	18.9	11.0	14.9	-	27.0	16	7.5	4.5	-	-	27	40	7	23	11	8	0	0	0	0	0	0	0	0	0	0	6.08	-	-	
Coire Cas Shieling	9 9	762	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cairngorm	9 9	1090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenmore Lodge	9 9	341	18.6	7.1	12.9	+0.3	27.0	18	0.3	12	-	-	58	60	13	31	13	8	-	0	-	-	-	0	0	6	0	-	6.35	-	S	
Moy	9 9	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND E																																
Nairn																																
Nairn	9 9	6	17.7	9.5	13.6	-0.8	22.3	16	5.5	4	-	-	23	32	8	28	11	6	0	0	0	0	0	0	0	0	0	-	1	7.01	156	-
Moray																																
Grantown-on-Spey	9 9	229	19.4	7.5	13.5	-	26.6	16	1.2	12	-	-	35	-	8	23	13	8	0	0	0	0	0	0	0	11	-	0	7.47	-	-	
Forres	9 9	50	19.5	9.7	14.6	+0.1	27.2	16	6.0	4.8	15.9	14.1	26	36	7	23	11	6	0	0	0	0	0	0	0	0	0	0	7.28	152	-	
Kinloss	21-9	5	18.9	9.9	14.4	+0.2	26.4	16	5.5	4	13.6	-	18	26	6	3	10	4	0	0	0	0	0	0	0	0	0	0	6.94	-	-	
Elgin	9 9	15	18.8	9.0	13.9	-	24.8	16	3.6	28	-	-	30	41	11	8	9	9	-	0	-	-	-	0	0	0	-	-	6.75	-	-	
Lossiemouth	9 9	6	18.0	9.0	13.5	-0.8	24.8	16	3.2	12	-	-	27	38	7	23	10	6	0	0	0	0	1	0	0	6	0	0	-	-	-	
Gordon Castle	9 9	32	18.8	9.4	14.1	-0.5	25.4	18	5.0	2	-	-	34	44	11	8	10	9	0	0	0	0	1	-	0	-	0	-	7.04	152	-	



Table 3 Summary of daily observations

July 1972

District, county and place	max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
			max (a)	min (b)			max.	date	min.	date																								
1 SCOTLAND E — continued																																		
Banff																																		
Glenlivet	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Banff	9 9	24	17.2	10.2	13.7	-	25.4	16	7.0	10	-	-	42	-	14	3	14	9	-	0	-	-	-	6	0	-	-	-	-	6.34	-	-	-	
Aberdeen																																		
Braemar	9 9	339	18.7	7.5	13.1	0.0	28.2	20	1.7	26	-	-	30	40	11	31	11	7	-	0	-	-	-	-	0	0	0	-	-	7.02	-	-	-	
Balmoral	9 9	283	18.9	6.9	12.9	-0.3	27.0	20	0.8	12	-	-	46	60	17	31	10	8	0	0	0	0	-	-	0	0	0	-	-	0	-	-	-	
Dinnet	9 9	177	19.8	8.0	13.9	-	28.5	20	2.7	12	14.3	-	29	-	12	31	11	6	-	0	-	-	-	-	0	0	1	-	-	7.22	-	-	-	
Gartly	9 9	160	18.4	8.1	13.3	-	25.4	17	3.1	10	-	-	34	-	7	23	13	11	-	-	-	-	-	-	0	2	-	-	-	-	-	-	-	
Inverurie Sewage Works	9 9	54	18.5	8.4	13.5	-	25.1	17	3.2	9	-	-	31	-	9	29	11	11	0	0	0	0	1	0	0	3	-	-	6.45	-	-	-	-	
Fyvie Castle	9 9	66	18.0	8.3	13.1	-	25.0	17	3.0	9,28	-	-	36	45	11	23	16	11	0	0	0	0	0	-	0	0	-	-	0	-	-	-	-	
Craibstone	9 9	91	17.5	8.5	13.0	-0.7	23.4	17	3.9	28	14.2	12.4	19	22	4	23	12	7	0	0	0	0	0	4	0	1	-	-	7.75	151	-	-	-	
Dyce	21-9	58	18.2	8.7	13.5	-0.5	23.7	17	1.2	28	-	-	23	27	7	30	11	5	0	0	1	0	0	0	0	5	0	0	7.56	-	-	-	-	
Aberdeen	9 9	52	17.0	9.3	13.1	-1.0	22.4	17	5.0	28	-	-	27	32	6	23	11	8	0	0	0	0	3	0	1	-	-	7.55	152	-	-	-	-	
Fraserburgh	21-9	18	16.1	10.0	13.1	-	24.0	16	6.6	10	-	-	52	-	17	9	13	9	0	0	0	0	4	0	0	0	0	0	6.39	-	-	-	-	-
Kincardine																																		
Fettercairn	9 9	171	17.6	8.8	13.2	-0.3	23.9	20	4.2	10	-	-	28	29	10	23	11	7	0	0	0	0	6	0	2	-	-	7.23	-	-	-	-	-	
Banchory	9 9	77	19.2	8.8	14.0	-	25.4	19	3.5	9	-	-	19	-	5	23	10	7	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	
Stonehaven	9 9	4	16.8	8.5	12.7	-1.5	19.0	1	3.0	28	-	-	38	48	11	23	9	7	0	0	0	0	0	0	-	-	6.83	137	-	-	-	-	-	
Angus																																		
Mylnfield	9 9	30	18.6	9.2	13.9	-	25.0	14,15	3.1	12	14.7	11.9	29	40	8	23,31	10	5	0	0	0	0	1	0	2	-	-	7.11	-	-	-	-	-	
Dundee	9 9	45	18.5	10.4	14.5	-0.6	24.9	14	7.3	8	16.3	-	25	30	6	23	9	5	0	0	0	0	1	0	0	-	-	6.12	-	-	-	-	-	
Glamis Castle	9 9	61	18.9	8.6	13.7	-	28.0	20	2.6	9,12	-	-	25	31	8	31	11	6	0	0	0	0	0	0	5	-	-	-	-	-	-	-	-	
Whitehills	9 9	258	18.0	7.4	12.7	-	25.3	20	1.0	9,12	-	-	29	28	10	31	8	6	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	
Buddon Ness	9 9	5	17.3	8.1	12.7	-1.3	20.2	14	1.7	9,12	-	-	21	28	6	23	11	5	0	-	-	0	4	0	-	-	-	-	-	-	-	-	-	
Carnoustie	9 9	27	-	-	-	-	-	-	-	-	14.7	-	23	31	(6)	22,23	7	7	-	-	-	-	-	-	-	-	-	-	6.41	-	-	-	-	
Arbroath	9 9	28	16.1	10.1	13.1	-1.2	19.4	15	6.7	9	-	-	16	24	5	23	7	5	0	0	0	0	4	0	0	-	-	6.95	120	-	-	-	-	
Usan	21-9	30	15.8	9.5	12.7	-	(18.1)	1	5.8	9	-	-	16	-	5	23,31	7	4	0	0	0	0	5	0	0	0	0	0	6.94	-	-	-	-	-
Montrose	9 9	57	17.1	9.2	13.1	-	19.8	15	5.0	9	-	-	20	27	4	23	10	6	0	0	0	0	3	0	0	-	-	-	-	-	-	-	-	
Perth																																		
Aberfoyle	9 9	27	19.4	8.7	14.1	-	28.0	20	2.5	1	-	-	58	-	9	31	14	12	0	-	0	0	-	0	0	-	-	-	-	-	-	-	-	
Dall	9 9	232	18.9	7.3	13.1	-	29.1	19	2.5	14	-	-	71	-	37	23	12	10	0	0	0	0	0	0	2	-	-	-	-	-	-	-	-	
Callander	9 9	107	19.0	9.2	14.1	-	27.0	20	4.2	12	-	-	64	-	13	24	13	11	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	
Ardtaraig	9 9	130	19.5	9.7	14.6	-	28.6	20	4.5	12	-	-	79	83	40	23	13	9	0	0	0	0	0	0	0	-	-	6.21	-	-	-	-	-	
Dunblane	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.81	-	-	-	-	-	
Drummond Castle	9 9	113	18.3	8.9	13.6	-	26.5	20	4.5	12	15.0	-	67	-	18	23	12	10	0	0	0	0	-	0	2	-	-	6.16	-	-	-	-	-	
Glennagles	9 9	152	18.6	7.8	13.2	-	25.8	18	3.0	12	-	-	46	52	11	23	15	9	0	-	0	0	2	0	3	-	-	6.56	-	-	-	-	-	
Pitlochry	9 9	144	18.6	8.8	13.7	-	27.6	20	2.9	12	-	-	47	65	17	23	11	7	0	0	0	0	0	0	8	-	-	6.56	-	-	-	-	-	
Faskally	9 9	94	19.2	9.3	14.3	-	28.4	20	3.7	12	15.8	13.7	49	65	16	23	11	7	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	
Ashintully Castle	9 9	341	17.8	7.8	12.8	-	27.9	20	2.0	12	-	-	41	-	11	23	10	10	0	0	0	0	2	0	1	-	-	-	-	-	-	-	-	
Strathallan	9 9	41	19.1	9.9	14.5	-	28.6	20	4.6	12	-	-	37	-	13	23	10	7	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	
Perth	9 9	23	19.7	10.3	15.0	-0.3	29.4	20	5.3	2	-	-	36	44	12	23	10	7	0	0	0	0	0	0	0	-	-	7.17	137	-	-	-	-	
Blairgowrie	9 9	70	19.3	9.5	14.4	-	28.8	21	3.5	12	15.6	-	45	63	11	23	13	9	-	0	-	-	-	-	0	0	-	-	6.33	-	-	-	-	-
Kinross																																		
Kinross	9 9	113	18.0	8.8	13.4	-	27.4	20	3.1	12	14.8	-	27	-	7	4	11	7	-	0	-	-	-	-	0	0	-	-	6.28	-	-	-	-	-
Fife																																		
Pitreavie	21-9	40	18.5	10.5	14.5	-	28.3	20	5.1	12	-	-	20	27	6	22	8	5	0	0	0	0	0	1	0	0	0	-	-	-	-	-	-	
Kirkcaldy	9 9	32	18.0	10.2	14.1	-1.0	24.0	14,16	5.4	12	-	-	20	26	5	4	8	6	0	0	0	0	0	1	0	0	-	-	6.09	-	-	-	-	
Glenrothes (Glenwood)	9 9	117	17.8	9.7	13.7	-	27.7	20	3.9	12	-	-	25	-	5	4	9	6	-	-	-	-	-	-	0	0	-	-	6.66	-	-	-	-	
Cupar	9 9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leuchars	21-9	10	18.0	9.5	13.7	-1.2	25.2	14	4.6	12	-	-	19	27	5	31	10	5	0	0	0	0	2	0	0	0	0	6.48	113	-	-	-	-	
St Andrews	9 9	18	17.9	9.8	13.9	-	24.3	14	5.0	12	15.5	13.3	15	-	4	22	11	5	0	0	0	0	2	0	0	0	0	6.75	118	-	-	-	-	
West Lothian																																		
Livingston	9 9	125	19.0	8.8	13.9	-	28.5	20	4.0	12	-	-	26	-	9	4	10	7	-	-	-	-	-	3	0	0	-	-	-	-	-	-	-	
Midlothian																																		
Turnhouse	21-9	35	18.8	9.9	14.3	-0.5	28.4	20	5.0	12,28	-	-	27	36	7	22	12	6	0	0	0	0	0	0	0	1	0	6.05	-	-	-	-	-	
Edinburgh																																		
East Craigs	9 9	61	18.9	10.1	14.5	-	28.4	20	4.9	12	15.3	-	29	3																				







Table 3 Summary of daily observations

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July 1972

District, county and place	max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine			
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	date	precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																						
6b ISLE OF MAN																																
Isle of Man																																
Ronaldsway	21-9	16	17.5	10.9	14.2	-	24.3	17.20	4.7	8	-	-	63	107	21	21	14	10	0	0	0	0	1	2	0	0	0	0	6.58	-	-	-
Douglas	9 9	87	17.3	11.4	14.3	-0.2	24.5	17	6.9	8	-	-	77	99	28	21	11	9	0	0	0	0	0	3	0	0	0	0	6.60	-	-	-
Point of Ayre	21-9	9	17.6	11.0	14.3	-	21.4	18	7.2	1	-	-	47	85	12	3	12	9	0	0	0	0	0	0	0	0	0	6.70	-	-	-	
2 ENGLAND NE																																
Northumberland																																
Kielder Castle	9 9	201	18.5	8.0	13.3	-	27.0	20	-	-	15.1	-	58	54	14	24	12	10	0	0	0	0	1	5	0	0	0	0	-	-	-	-
Haydon Bridge	9 9	79	19.3	10.0	14.7	-	28.1	20	4.8	8	16.2	14.3	59	-	16	24	11	9	0	0	0	0	0	0	0	0	0	0	-	-	-	-
Corbridge	9 9	49	19.2	9.2	14.2	-	27.5	20	3.0	6	-	-	39	-	9	24	10	8	0	0	0	0	0	1	1	0	0	0	-	-	-	-
Berwick-on-Tweed	9 9	23	16.0	10.2	13.1	-1.4	18.8	12	5.3	28	-	-	26	43	8	30	11	6	0	0	0	0	0	3	0	0	0	0	4.81	-	-	-
Acklington	21-9	42	18.0	9.2	13.6	-0.8	21.7	14	4.0	8	-	-	40	60	9	31	10	8	0	0	0	0	0	1	0	0	0	0	6.12	-	-	-
Tynemouth	21-9	29	16.6	11.4	14.0	-1.1	21.0	12	7.9	9	-	-	29	38	10	22	10	8	0	0	0	0	0	4	0	0	0	0	4.59	-	-	-
Seahouses	21-9	11	16.6	10.0	13.3	-	21.0	14	5.9	12	-	-	23	-	6	22	11	8	0	0	0	0	0	7	0	0	0	0	4.97	-	-	-
Durham																																
Chopwellwood	9 9	136	18.6	9.9	14.3	-0.7	26.5	20	5.5	6	-	-	68	87	17	6	11	9	0	0	0	0	0	3	0	1	0	0	-	-	-	-
Durham	9 9	102	19.0	9.8	14.4	-0.9	26.7	20	5.8	9	14.9	12.9	63	88	19	24	11	7	0	0	0	0	0	0	0	0	0	0	4.65	-	-	-
Hartburn Grange	9 9	31	18.7	9.7	14.2	-	24.4	20	2.8	12	-	-	45	-	14	22	10	10	0	0	0	0	2	1	0	0	0	0	4.97	-	-	-
Hartlepool	9 9	9	17.7	11.8	14.7	-	20.2	13	6.8	12	-	-	46	72	14	21	10	8	0	0	0	0	0	0	0	0	0	0	4.62	-	-	-
Yorkshire N Riding																																
Leeming	21-9	32	19.5	10.9	15.2	-	26.5	20	4.9	12	-	-	49	80	17	22	11	11	0	0	0	0	2	0	0	0	0	0	4.83	-	-	-
Marton	9 9	46	19.1	11.0	15.1	-	24.8	14	4.8	12	15.3	13.2	64	-	19	22	10	9	0	0	0	0	0	0	0	0	0	0	4.73	-	-	-
York (Heslington)	9 9	20	19.4	10.9	15.1	-	26.1	20	4.2	12	15.5	14.4	45	-	16	21	11	8	0	0	0	0	1	0	0	0	0	0	5.03	-	-	-
Pickering	9 9	44	19.6	9.7	14.7	-	25.2	20	2.0	12	-	-	31	-	11	21	9	5	0	0	0	0	1	0	0	0	0	0	-	-	-	-
Scarborough	9 9	53	17.3	11.1	14.2	-	21.1	31	6.6	12	15.7	13.6	28	-	8	30	8	6	0	0	0	0	0	0	0	0	0	0	4.24	-	-	-
Silpho Moor	9 9	203	16.9	10.0	13.5	-	21.3	20	7.2	6	14.0	-	32	39	8	21	11	8	0	0	0	0	1	0	0	0	0	0	4.59	-	-	-
Whitby Coastguard	21-9	60	16.9	10.2	13.5	-	21.5	30	4.1	12	-	-	24	-	7	21	11	5	0	0	0	0	0	1	0	0	0	0	-	-	-	-
Yorkshire E Riding																																
High Mowthorpe	9 9	175	(17.4)	9.9	(13.7)	-	23.7	20	5.0	12	14.0	-	31	43	10	21	9	7	0	0	0	0	1	0	0	0	0	0	4.79	-	-	-
Hull	9 9	2	19.0	11.5	15.3	-1.5	22.9	13	6.5	12	15.9	13.5	40	66	15	24	11	7	0	0	0	0	0	0	0	0	0	0	4.64	-	-	-
Filey	9 9	37	16.6	10.7	13.7	-	19.7	12	5.1	12	-	-	35	57	11	22	9	6	0	0	0	0	0	0	0	0	0	0	4.22	-	-	-
Bridlington	9 9	48	16.7	10.6	13.7	-1.4	19.8	13	5.2	12	-	-	36	59	11	21	12	6	0	0	0	0	0	2	0	0	0	0	4.59	-	-	-
Kilnsea	21-9	12	16.1	11.4	13.7	-	18.9	12	6.6	12	-	-	27	-	14	21	8	5	0	0	0	0	1	1	0	0	0	0	4.40	-	-	-
Lincoln																																
Waddington	21-9	68	18.9	10.9	14.9	-1.4	23.1	14	6.1	12	-	-	59	-	15	22	14	11	0	0	0	0	2	0	0	0	0	0	5.05	-	-	-
Lincoln	9 9	7	19.5	10.1	14.8	-1.5	23.5	20	2.5	12	16.0	14.2	69	113	18	21	14	11	0	0	0	0	3	0	0	0	0	0	4.96	-	-	-
Cranwell	9 9	62	19.0	10.5	14.7	-1.6	22.7	20	5.4	12	16.7	15.2	39	61	11	21	13	7	0	0	0	0	1	0	0	0	0	0	5.09	-	-	-
Brigg	9 9	3	19.4	10.0	14.7	-	24.1	14	2.8	12	-	-	67	-	20	31	14	9	0	0	0	0	3	1	0	0	0	0	-	-	-	-
Binbrook	21-9	108	17.5	10.4	13.5	-	21.5	30	5.5	12	-	-	36	-	12	21	13	8	0	0	0	0	1	2	0	0	0	0	4.34	-	-	-
Cleethorpes	9 9	7	18.1	11.6	14.9	-1.4	24.2	13	7.8	10,12	-	-	33	59	11	21	9	7	0	0	0	0	0	0	0	0	0	0	4.05	-	-	-
Manby	21-9	17	18.1	10.8	14.5	-	22.7	30	5.3	12	16.4	-	36	66	11	21	13	7	0	0	0	0	3	1	0	0	0	0	4.37	-	-	-
Skegness	9 9	5	17.3	11.2	14.3	-1.9	20.0	5	6.5	10	-	-	33	59	9	21	10	10	0	0	0	0	0	1	0	0	0	0	4.26	-	-	-
3 ENGLAND E																																
Norfolk																																
Terrington St Clement	9 9	3	19.5	10.2	14.9	-1.5	24.1	30	2.7	12	15.4	-	42	-	10	7	12	8	0	0	0	0	1	1	0	0	0	0	4.33	-	-	-
Marham	21-9	23	19.7	11.1	15.4	-	24.4	13	4.9	10	-	-	68	-	22	21	14	11	0	0	0	0	3	0	0	0	0	0	-	-	-	-
Santon Downham	9 9	24	20.6	9.4	15.0	-	25.9	18	0.4	12	15.8	13.9	100	139	24	23	14	10	0	0	0	0	0	0	0	0	0	0	4.90	-	-	-
East Dereham</																																



Table 3 Summary of daily observations

July 1972

District, county and place	max terminal h (GMT)	min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max (a)	min (b)			max	date	min	date																						
3 ENGLAND E — continued																																	
Essex																																	
Little Parndon	9 9	54	21.2	11.3	16.3	-	25.8	17	7.0	12	-	-	65	-	35	31	5	5	0	0	0	0	0	0	0	0	0	0	0	0	4.95	-	-
Harlow	9 9	79	21.8	11.4	16.6	-	26.1	20	6.2	10	-	14.2	30	-	16	23	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Stansted	21-9	101	20.2	11.3	15.7	-0.5	25.4	17	6.4	10	-	-	63	95	25	31	11	7	0	0	0	0	0	0	0	0	0	0	0	0	4.63	-	-
Writtle	9 9	32	21.4	11.1	16.3	-	26.0	17	5.5	12	16.5	-	37	66	18	31	12	6	0	0	0	0	0	0	0	0	0	0	0	0	5.57	-	-
Southeast	9 9	2	20.7	13.3	17.0	-	25.6	19	10.2	10	-	-	58	-	32	23	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Maldon	9 9	4	21.7	12.6	17.1	-	26.6	19	7.4	10	-	-	-	-	-	-	-	-	-	-	-	2	0	0	0	0	0	0	0	0	-	-	
Earls Colne	9 9	49	21.4	11.6	16.5	-	26.5	19	6.8	10	16.9	14.9	70	116	31	31	11	8	0	0	0	0	0	0	0	0	0	0	0	0	5.33	78	-
Shoeburyness	21-9	2	20.5	12.9	16.7	-0.7	24.9	19	9.1	12	-	-	31	63	12	18	11	7	0	0	0	0	2	0	0	0	0	0	0	0	5.36	78	-
Clacton-on-Sea	9 9	16	19.9	13.1	16.5	-0.5	25.0	18	8.1	10	17.0	15.1	31	59	8	24	9	7	0	0	0	0	1	0	0	0	0	0	0	5.70	-	-	
Walton-on-Naze	21-9	5	19.5	13.3	16.4	-	24.7	20	7.9	10	-	-	39	-	11	23	13	6	0	0	0	0	2	1	0	0	0	0	0	0	0	-	-
Dovercourt	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 MIDLAND COUNTIES																																	
Yorkshire W Riding																																	
Slaidburn	9 9	192	18.1	10.4	14.3	-	26.4	20	4.6	12	-	-	92	71	18	3	15	11	0	0	0	0	1	0	0	0	0	0	0	5.10	-	-	
Malham Tarn	9 9	395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Huddersfield	9 9	99	(19.4)	11.0	(15.2)	-	25.9	20	4.8	12	16.1	13.9	47	73	13	23	13	9	0	0	0	0	2	0	0	0	0	0	0	4.65	93	-	
Huddersfield Oakes	21-9	232	19.3	10.3	14.8	-0.6	26.4	20	5.2	12	15.2	10.9	76	98	21	21	15	10	0	0	0	0	4	5	0	0	0	0	0	4.56	89	-	
Bradford	9 9	134	18.6	10.9	14.7	-0.9	25.7	20	5.3	12	15.1	13.2	60	81	20	24	13	10	0	0	0	0	3	0	0	0	0	0	0	4.84	89	S	
Ilkley	9 9	83	19.4	10.6	15.0	-	27.0	20	4.0	12	-	-	55	71	17	24	13	8	0	0	0	0	2	0	0	0	0	0	0	5.13	-	-	
Sheffield	9 9	131	19.5	11.6	(15.5)	(-0.8)	26.1	20	6.6	12	15.9	13.8	56	80	10	21	12	8	0	0	0	0	1	0	0	0	0	0	0	4.79	90	-	
Pontefract	9 9	78	19.3	10.9	15.1	-0.8	24.8	29	6.1	12	-	-	33	54	7	31	12	6	0	0	0	0	0	1	0	0	0	0	0	-	-	-	
Bramham	9 9	54	19.5	9.5	14.5	-	24.7	20	3.6	12	-	-	48	69	13	31	11	8	0	0	0	0	0	0	0	0	0	0	0	4.70	-	-	
Cawood	9 9	6	19.6	9.8	14.7	-	25.5	20	3.0	12	16.0	14.5	31	48	13	22	7	5	0	0	0	0	1	0	0	0	0	0	0	4.77	90	-	
Askham Bryan	9 9	34	20.0	10.4	15.2	-	25.4	20	5.5	12	-	-	71	107	25	31	9	6	0	0	0	0	3	1	0	0	0	0	0	0	0	-	-
Derby																																	
Buxton	9 9	314	17.3	10.1	13.7	-0.6	24.0	20	4.5	12	-	-	97	98	31	31	13	10	0	0	0	0	2	0	0	0	0	0	0	-	-	S	
Mackworth	9 9	89	19.4	10.8	(15.1)	-	25.4	14	3.0	12	-	-	68	-	20	31	13	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Ashover	9 9	186	19.1	10.4	14.7	-	25.6	20	4.5	12	-	-	65	-	18	24	13	10	0	0	0	0	4	1	0	0	0	0	0	5.42	-	-	
Derby	9 9	48	20.2	11.3	15.7	-	26.4	20	4.6	12	-	-	68	99	20	31	13	12	0	0	0	0	4	0	0	0	0	0	0	4.89	-	-	
Morley	9 9	107	19.5	(8.5)	(14.0)	-	25.3	15	2.0	12	-	-	87	121	32	31	14	13	0	0	0	0	2	0	0	0	0	0	0	(5.47)	-	-	
Wingerworth	9 9	126	19.1	9.8	14.5	-	25.5	20	1.6	12	16.1	-	64	-	13	24	13	10	0	0	0	0	3	2	0	1	1	0	0	4.81	-	-	
Nottingham																																	
Sutton Bonington	9 9	48	19.8	10.0	14.9	-1.5	24.7	20	2.3	12	15.2	13.6	35	58	8	31	10	8	0	0	0	1	0	1	0	0	0	0	0	(4.85)	88	-	
Watnall	21-9	117	19.5	10.7	15.1	-1.0	25.0	20	4.4	12	-	-	76	111	30	23	12	8	0	0	0	1	0	4	0	0	0	0	0	4.86	89	-	
Mansfield	9 9	114	-	10.9	-	-	-	-	5.5	12	15.1	-	73	107	28	21	11	10	0	0	0	0	3	0	0	0	0	0	0	0	-	-	
Nottingham	9 9	59	19.9	11.8	15.9	-0.8	24.6	20	6.0	12	16.2	14.5	91	143	25	23	12	10	0	0	0	1	0	4	0	0	0	0	0	4.83	95	-	
Warsop	9 9	46	19.8	9.7	14.7	-	25.7	20	2.3	12	-	-	37	65	16	21	12	7	0	0	0	0	0	0	0	0	0	0	0	4.60	-	-	
Finningley	21-9	10	20.0	10.8	15.4	-	26.6	20	3.2	12	-	-	45	80	13	22	14	8	0	0	0	0	4	0	0	0	0	0	0	4.81	-	-	
Leicester																																	
Newtown Linford	9 9	119	19.6	10.2	14.9	-	25.0	20	3.4	12	-	-	41	62	10	27	14	9	0	0	0	0	2	0	0	0	0	0	0	4.94	-	-	
Caldecott	9 9	52	20.2	9.9	15.1	-	24.4	20	2.2	12	-	-	33	59	9	21	10	6	0	0	0	0	0	0	0	0	0	0	0	5.11	-	-	
Northampton																																	
Bugbrooke Mills	9 9	69	(20.6)	(9.9)	(15.3)	-	24.6	18,22	3.0	12	15.1	13.6	75	133	33	31	13	9	0	0	0	0	0	0	0	0	0	0	0	5.36	-	-	
Raunds	9 9	59	20.4	10.7	15.5	-1.1	24.5	13	3.2	12	16.8	13.8	29	52	8	31	12	6	0	0	0	0	3	0	0	0	0	0	0	4.76	85	-	
Wittering	9 9	73	19.7	11.1	15.4	-	24.1	13	6.4	12	-	-	56	91	27	31	11	5	0	0	0	0	4	0	0	0	0	0	0	4.99	-	-	
Warwick																																	
Birmingham	9 9	137	20.1	11.2	15.7	-	24.9	20	6.0	28	-	-	39	53	15	31	8	7	0	0	0	0	3	0	0	0	0	0	0	-	-	-	
King Edward School	21-9	163	19.5	11.7	15.6	-0.6	25.2	20	8.0	12	13.0	-	51	70	20	31	12	7	0	0	0	1	0	2	1	0	0	0	0	5.02	94	-	
Edgbaston	9 9	56	20.7	10.8	15.7	-	25.0	18,20	4.0	12	-	-	39	-	12	31	13	7	0	0	0	0	5	0	0	0	0	0	0	5.50	-	-	
Luddington	9 9	49	(20.8)	(10.5)	(15.7)	-	25.2	18,20	3.1	12	17.0	-	41	70	13	31	14	10	0	0	0	0	2	0	0	0	0	0	0	5.58	-	-	
Stratford-on-Avon	9 9	111	19.8	11.0	15.4	-	24.0	18	5.0	12	15.0	-	44	70	12	18	12	8	0	0	0	0	4	1	0	0	0	0	0	5.29	-	-	
Shipston-on-Stour	9 9	96	19.7	10.3	15.0	-	24.9	20	2.9	12	-	-	77	-	41	31	11	7	0	0	0	0	5	0	0	0	0	0	0	5.54	-	-	
Elmdon	21-9	96	20.7	10.3	15.0	-	24.9	20	2.9	12	16.0	14.6	55	88	16	31	11	8	0	0	0	0	0	0	0	0	0	0	0	4.30	-	-	
Wellesbourne	9 9	47	20.5	10.6	15.5	-	25.2	18,20	3.9	12	-	-	70	112	29	24	13	8	0	0	0	0	2	0	0	0	0	0	0	5.62	-	-	
Moreton Morrell	9 9	85	20.3	10.7	15.5	-	24.6	18,20	4.3	12	-	-	70	112	29	24	13	8	0	0	0	0	2	0	0	0	0	0	0	5.62	-	-	
Rugby	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Oxford																																	
Brize Norton	21-9	84	20.6	11.1	15.9	-	25.2	17	5.4	12	-	-	30	-	11	22	11	5	0	0	0	0	3	0	0	0	0	0	0	-	-	-	
Oxford	9 9	63	21.0	11.8	16.4	-0.7	25.1	23	7.1	12	17.1	15.0	23	38	6	31	10	6	0	0	0	0	0	0	0	0	0	0	0	5.44	93	-	
Shirburn Model Farm	9 9	108	20.9	10.5	15.7	-	25.4	18	4.6	12	-	-	30	-	9	31	12																



Table 3 Summary of daily observations

July 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	fog at 09h	thunder heard	air frost	grass min. below 0°C	grass min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date					amount (mm)	date																	
4 MIDLAND COUNTIES—continued																																	
Hereford																																	
Sewage Works	9 9	52	21.1	11.1	16.1	-	25.7	18	7.4	6	17.1	14.6	25	-	8	23	9	7	0	0	0	0	2	0	0	0	0	0	0	0	6.02	-	-
Lyonsall	9 9	155	19.8	10.9	15.3	-0.4	25.2	18	6.2	12	-	-	34	50	7	19	12	5	0	0	0	0	0	0	0	0	0	0	0	0	5.38	94	-
Ross-on-Wye	21-9	68	20.5	11.5	16.0	-0.5	25.5	17	6.7	6	16.2	14.5	23	39	9	21	10	9	0	0	0	0	1	0	0	0	0	0	0	0	5.37	-	-
Preston Wynne	9 9	84	20.1	9.2	14.7	-	25.3	15	3.2	12	-	-	17	29	4	8.31	10	6	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Gloucester																																	
Filton	21-9	59	20.1	12.2	16.1	-0.5	25.9	17	8.2	6	-	-	14	19	4	30	6	5	0	0	0	0	1	0	0	0	0	0	0	0	5.94	-	-
Hempsted	9 9	12	20.7	11.3	16.0	-	26.0	17	6.3	6	16.6	14.0	33	51	15	21	9	7	0	0	0	0	0	0	0	0	0	0	0	0	5.43	-	-
Gloucester	21-9	24	21.0	12.8	16.9	-	26.2	17	8.9	12	-	-	26	-	10	31	10	6	0	0	0	0	1	0	0	0	0	0	0	0	5.47	-	-
Cheltenham	9 9	65	20.7	12.0	16.3	-0.7	25.5	17	8.1	12	-	-	22	38	5	31	11	6	-	-	-	-	-	-	-	-	-	-	-	-	4.97	-	-
Cirencester	9 9	135	20.0	10.7	15.3	-	24.3	17	5.6	6,10	-	-	23	31	5	12	12	6	0	0	0	0	2	0	0	0	0	0	0	0	5.73	-	-
Little Rissington	21-9	226	18.9	11.0	14.9	-	23.0	17	6.5	10	-	-	44	68	23	22	10	6	0	0	0	0	4	1	0	0	0	0	0	0	5.73	-	-
5 ENGLAND SE																																	
Greater London																																	
Kensington Palace	9 9	25	22.1	13.1	17.6	-0.4	27.3	18	8.8	10	17.5	15.4	24	38	8	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	5.09	82	S
Hampstead	9 9	137	21.0	11.9	16.5	-0.2	25.7	13	7.4	10	-	-	26	39	7	21	8	6	0	0	0	0	1	1	0	0	0	0	0	0	5.09	82	S
St James Park	9 9	4	22.0	13.3	17.7	-0.4	27.6	17	9.0	11	-	-	37	63	12	31	6	5	0	0	0	0	1	-	0	0	0	0	0	0	5.29	87	-
London Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.29	87	-
Greenwich	9 9	7	21.8	13.1	17.5	-	27.0	17	9.4	10	-	-	35	62	9	21	8	5	0	0	0	0	0	0	0	0	0	0	0	0	4.91	82	-
Heathrow	21-9	25	22.2	12.8	17.5	-0.1	27.7	17	7.4	10	-	-	27	49	10	31	6	5	0	0	0	0	0	0	0	0	0	0	0	0	4.88	-	-
Hampton	9 9	12	21.5	13.0	17.3	-	27.2	17	9.0	10,12	-	-	19	33	9	8	7	4	0	0	0	0	0	0	0	0	0	0	0	0	5.06	-	-
Wealdstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.34	-	-
Southgate	9 9	67	21.4	12.4	16.9	-	26.7	17	8.0	10	16.0	-	27	46	7	31	10	7	0	0	0	0	1	-	0	0	0	0	0	0	5.33	-	-
Kew	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.25	82	-
psychrometer screen	-	-	21.6	11.8	16.7	-	27.0	17	6.3	12	16.0	14.1	21	34	9	8	6	4	0	0	0	0	0	0	0	0	0	0	0	0	5.25	82	-
Waddon	9 9	59	21.3	12.4	16.9	-0.4	26.0	17	8.5	12	-	-	40	64	11	8	9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Addington	9 9	144	20.6	11.8	16.2	-0.5	26.3	17	7.8	10	-	-	34	50	13	8	10	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromley	9 9	65	20.6	12.5	16.5	-1.0	25.0	16,17,18	8.0	10	-	-	44	75	13	21	10	7	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Surrey																																	
Gatwick	21-9	59	21.0	11.3	16.1	-0.7	25.8	18	5.7	12	-	-	21	33	8	8	8	7	0	0	0	0	1	1	0	0	0	0	0	0	5.33	-	-
Witley	9 9	35	21.7	11.6	16.7	-0.2	27.2	17	5.4	12	16.6	14.8	37	-	16	21	8	4	0	0	0	0	1	2	0	0	0	0	0	0	4.50	-	-
Mickleham	9 9	55	20.9	10.7	15.8	-	26.2	17	5.4	10	17.4	15.0	25	39	7	8	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Kent																																	
Hadlow College	9 9	30	20.7	11.4	16.1	-	24.8	13	6.1	10	16.0	13.9	56	-	19	21	10	9	0	0	0	0	1	1	0	0	0	0	0	0	4.69	-	-
Gillingham	9 9	4	21.9	13.4	17.7	-	25.4	13,19	9.3	12	-	-	50	86	11	8	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Peckham	21-9	29	20.3	11.4	15.9	-	23.9	13,19	5.6	7	-	-	56	-	21	21	12	7	0	0	0	0	4	4	0	0	0	0	0	0	5.31	-	-
Dungeness	9 9	3	18.4	13.3	15.9	-0.4	25.0	17	8.7	10	-	-	61	120	23	18	8	6	0	0	0	0	3	3	0	0	0	0	0	0	-	-	-
Whitstable	9 9	3	19.9	12.9	16.4	-	23.2	6	7.6	12	-	-	61	122	27	18	11	8	0	0	0	0	2	0	0	0	0	0	0	0	4.85	-	-
Folkestone	9 9	31	18.9	12.7	15.8	-	23.2	19	8.3	1,13	-	16.5	42	-	11	24	15	9	0	0	0	0	6	3	0	0	0	0	0	0	5.25	-	-
Elmstone	9 9	5	20.3	11.5	15.9	-	23.3	6	5.4	12	-	-	39	-	10	21	17	9	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Herne Bay	9 9	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dover	9 9	6	18.9	13.5	16.2	-0.6	23.7	19	10.2	10	17.2	15.6	34	56	13	21	13	7	0	0	0	0	1	2	0	0	0	0	0	0	4.96	-	-
Manston	21-9	44	19.6	12.9	16.3	-	23.0	6	7.9	1	-	-	46	91	13	21	13	8	0	0	0	0	3	0	0	0	0	0	0	0	5.39	73	-
Margate	9 9	16	18.7	13.7	16.2	-1.2	21.6	13,30	10.3	1	17.1	15.3	51	-	15	18	13	10	0	0	0	0	2	0	0	0	0	0	0	0	5.39	73	-
Goudhurst	9 9	85	20.0	11.7	15.9	-	23.7	19	6.4	12	-	-	43	68	13	21	12	9	0	0	0	0	2	2	0	0	0	0	0	0	-	-	-
East Malling	9 9	37	20.8	12.0	16.4	-0.3	24.6	13,19	7.3	10	16.2	14.5	43	72	12	21	8	6	0	0	0	0	4	2	0	0	0	0	0	0	5.06	76	-
Throwley	9 9	150	19.3	11.0	15.1	-	23.3	14	6.1	10	17.0	14.6	61	92	16	18	13	8	0	0	1	0	3	5	0	0	0	0	0	0	4.59	-	-
Faversham	9 9	48	20.1	12.2	16.1	-	23.5	13	6.9	12	16.6	15.0	42	-	12	18	12	8	0	0	1	0	2	2	0	0	0	0	0	0	4.56	-	-
Wye	9 9	56	19.4	11.9	15.7	-0.7	22.5	13	6.2	10	16.0	14.3	73	114	45	18	10	7	0	0	0	2	2	6	0	0	0	0	0	0	4.81	71	-
Sussex																																	
Thorney Island	21-9	3	20.3	12.4	16.3	-	27.3	17	8.0	13	-	-	28	53	7	2	9	7	0	0	0	0	3	0	0	0	0	0	0	0	6.51	-	-
Rogate	9 9	64	21.2	10.8	16.0	-	26.6	17	6.5	10,12	17.3	-	51	-	26	21	6	6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	-
Bognor Regis	9 9	7	19.7	12.6	16.1	-0.5	27.3	17	7.3	10	-	15.2	21	40	7	2	7	6	0	0	0	0	0	0	0	0	0	0	0	0	6.63	97	-
Fernhurst	9 9	57	21.0	10.5	15.7	-	27.1	17	5.4	10	17.1	-	28	41	9	8	8	7	0	0	0	0	1	-	0	0	0	0	0	0	5.43	-	-
Littlehampton	9 9	5	20.1	12.6	16.3	-0.3	26.6	17	7.9	10	-	15.1	27	48	7	2	10	9	0	0	0	0	1	0	0	0	0	0	0	0	6.15	87	-
North Heath	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Worthing	9 9	2	19.7	12.7	16.2	-	26.2	17	8.3	11	16.9	-	28	-	6	2	8	7	0	0	0	0	1	0	0	0	0	0	0	0	6.35	88	-
Brighton	9 9	10	19.1	13.5	16.3	-	24.5	14	10.0	10	-	16.0	38	69	10	31	10	9	0	0	0	0	2	0	0	0	0	0	0</				



Table 3 Summary of daily observations

July 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	amount (mm)	most in a day	precip- itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max (a)	min (b)			max	date	min	date																					
5 ENGLAND SE—continued																															
Hampshire—continued																															
Alice Holt Lodge	9 9	115	20.5	11.3	15.9	-	26.0	17	6.9	10	-	-	37	55	11	21	7	7	0	0	0	0	2	0	0	0	0	0	5.27	-	-
South Farnborough	9 9	69	21.1	11.8	16.5	-0.4	26.9	17	7.0	12	-	-	49	75	12	21	9	8	0	0	0	0	0	0	0	0	0	0	5.35	85	-
Isle of Wight																															
St Catharines Point	9 9	16	18.2	12.9	15.5	-0.6	26.5	16	10.2	2	-	-	30	56	8	2	8	8	0	0	0	0	2	3	0	0	0	0	-	-	-
Ventnor	9 9	122	18.5	12.6	15.5	-0.9	25.4	16	9.5	10.28	16.7	14.6	41	70	8	2	9	8	0	0	0	0	2	0	0	0	0	0	6.77	94	-
(see Introduction)																															
Shanklin	9 9	55	19.5	12.3	15.9	-	25.4	16	8.7	28	-	-	38	60	9	18	10	8	0	0	0	0	2	2	0	0	0	0	7.30	-	-
Sandown	9 9	4	20.1	13.0	16.5	-0.5	26.7	16	8.6	10	-	-	38	70	10	18	9	9	0	0	0	0	2	0	0	0	0	0	7.80	-	-
Ryde	9 9	4	19.9	12.3	16.1	-1.2	23.4	17	8.6	10	-	-	23	44	7	2	8	8	0	0	0	0	2	1	0	0	0	0	6.54	89	-
Wiltshire																															
Lacock	9 9	49	20.6	9.8	15.2	-	24.5	14.17	2.7	2	-	-	31	48	9	21	9	7	0	0	0	0	2	0	0	0	0	0	-	-	-
Lyneham	21-9	145	19.7	11.3	15.5	-0.7	24.1	17	6.9	10	-	-	45	70	19	21	12	8	0	0	0	0	3	1	0	0	0	0	6.06	-	-
Larkhill	9 9	132	20.2	10.8	15.5	-0.5	25.0	17	7.0	10	-	-	44	67	12	18	9	8	0	0	0	0	5	1	0	0	0	0	6.06	98	-
Boscombe Down	21-9	126	20.3	11.1	15.7	-0.5	25.4	17	5.8	10	-	-	74	118	30	22	11	9	0	0	0	0	4	1	0	0	0	0	-	-	-
Upavon	21-9	176	20.1	11.2	15.7	-	24.1	17	6.7	10	-	-	57	86	13	22	11	7	0	0	1	0	4	2	0	0	0	0	5.46	85	-
Porton	9 9	111	20.3	10.2	15.3	-0.7	25.4	17	4.4	28	15.3	-	39	65	14	18	9	7	0	0	0	1	0	0	2	0	0	-	-	-	-
7a ENGLAND NW																															
Cumberland																															
Sellafield	9 9	13	18.3	11.2	(14.7)	-	26.2	15.19	5.3	28	-	-	46	46	10	3	13	9	0	0	0	0	11	0	0	0	0	0	6.32	-	-
Bromfield	9 9	20	19.0	10.0	14.5	-	25.7	17	4.5	28	-	-	68	17	22	15	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-
Carlisle	21-9	26	19.6	11.0	15.3	-	28.2	20	6.2	28	-	-	53	16	23	11	9	0	0	0	0	2	0	0	0	0	0	0	6.35	-	-
Newton Rigg	9 9	171	19.0	10.1	14.5	-0.2	27.0	20	5.0	28	16.0	-	49	63	10	24	13	9	0	0	0	0	0	0	0	0	0	0	5.92	120	-
Westmorland																															
Great Dun Fell	21-9	847	12.8	6.8	9.8	-	22.4	20	2.5	9	-	-	-	-	-	-	-	-	0	0	0	0	14	0	0	0	0	0	4.43	-	-
Moor House	9 9	556	15.2	5.7	10.5	-	23.9	20	-0.7	28	11.2	-	104	56	35	4	12	10	0	0	0	0	1	1	9	0	0	0	5.29	-	-
Lancashire																															
Squires Gate	21-9	10	18.9	11.5	15.2	-0.5	26.1	17	5.1	12	-	-	70	96	23	3	11	7	0	0	0	0	3	0	0	0	0	0	6.13	103	-
Aigburth	9 9	14	19.6	12.2	15.9	-	25.8	18	7.5	12	-	-	56	15	21	10	10	0	0	0	0	2	0	0	0	0	0	0	5.76	-	-
Southport	9 9	5	18.9	11.2	15.1	-	25.1	18	5.1	12	16.5	12.3	71	98	28	3	12	8	0	0	0	0	0	0	0	0	0	0	6.32	-	-
Cartmel	9 9	34	19.1	9.9	14.5	-	26.9	20	4.8	1	-	-	112	35	4	10	9	0	0	0	0	3	0	0	0	0	0	0	-	-	-
Grizedale	9 9	91	19.3	9.4	14.3	-	27.0	20	4.2	9.28	14.9	-	125	46	4	17	13	0	0	0	0	3	0	0	0	0	0	0	-	-	-
Speke	21-9	22	20.1	11.5	15.8	-	27.0	20	6.4	6.12	-	-	87	118	32	21	11	8	0	0	0	0	4	1	0	0	0	0	5.84	-	-
Kirkham	9 9	24	19.0	11.1	15.1	-	25.0	17.18	5.5	12	-	-	84	97	25	3	11	10	0	0	0	0	2	0	0	1	0	0	5.97	-	-
Bairrigg	9 9	53	18.7	11.0	14.9	-	25.1	17	5.8	28	-	-	116	23	23	15	10	0	0	0	0	0	0	0	0	0	0	0	6.16	-	-
Morecambe	9 9	7	19.3	12.9	16.1	+0.1	26.0	18	8.1	12	-	-	102	123	26	4	15	11	0	0	0	0	0	0	0	0	0	0	6.36	112	-
Preston	9 9	33	19.3	11.8	15.5	-	27.0	20	5.7	12.13	-	-	71	79	28	3	13	8	0	0	0	0	2	0	0	0	0	0	-	-	-
Bolton	9 9	107	19.0	9.7	14.3	-	27.5	20	3.9	12	14.6	12.9	76	26	21	13	10	0	0	0	0	0	0	0	0	0	0	0	5.79	-	-
Stonyhurst	9 9	115	19.3	10.9	15.1	-0.1	28.4	20	5.0	12	-	-	83	81	27	3	13	10	0	0	0	0	0	0	0	0	0	0	-	-	-
Manchester Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.51	-	-	
Helmshore	9 9	260	17.6	10.3	13.9	-	25.7	20	5.1	12	13.8	-	110	90	29	21	13	11	0	0	0	0	2	0	0	0	0	0	5.43	-	S
Nelson	9 9	165	18.2	10.7	14.5	-	25.5	20	4.7	12	15.1	12.3	118	127	37	24	13	10	0	0	0	0	0	0	0	0	0	0	5.67	-	S
Rochdale	9 9	110	19.1	10.9	15.0	-	27.0	20	4.5	12	-	-	77	79	15	21	15	12	0	0	0	0	2	0	0	0	0	0	5.70	-	-
Cheshire																															
West Kirby Park	9 9	8	19.9	12.3	16.1	-	26.4	17.18	6.4	6	-	-	77	109	31	31	12	7	0	0	0	0	0	0	0	0	0	0	5.80	-	-
Ness Gardens	9 9	55	19.9	11.4	15.7	-	26.7	18	6.2	12	-	-	72	17	21	10	9	0	0	0	0	2	1	0	0	0	0	0	5.35	-	-
Winnington	9 9	20	20.3	12.2	16.3	-	28.1	20	5.9	12	-	-	50	72	22	21	14	11	0	0	0	0	2	1	0	0	0	0	-	-	-
Knutsford	9 9	65	20.6	10.6	15.6	-	28.4	20	4.2	6	16.7	14.6	79	99	33	21	13	12	0	0	0	0	0	0	0	0	0	0	-	-	-
Ringway	21-9	75	19.7	11.8	15.7	-0.2	28.2	20	6.0	12	-	-	81	102	24	21	14	11	0	0	0	3	0	0	0	0	0	0	5.62	113	-
Macclesfield	9 9	152	(18.8)	(11.0)	(14.9)	(-0.8)	26.5	20	6.0	12	-	-	(103)	(111)	35	21	(16)	(12)	0	0	0	0	1	2	0	0	0	0	-	-	-
7b NORTH WALES																															
Flint																															
Rhyl	9 9	9	18.4	12.0	15.2	-0.6	26.8	19	6.5	12	-	-	81	154	34	21	10	9	0	0	0	0	2	0	0	0	0	0	5.89	102	-
Prestatyn	9 9	1	18.6	12.2	15.4	-	26.3	18	8.8	12	-	-	109	185	30	31	11	9	0	0	0	0	2	0	0	0	0	0	5.53	86	-
Hawarden Bridge	9 9	5	20.6	11.4	16.0	-0.3	26.7	18	4.5	12	-	-	66	104	19	21	12	10	0	0	0	0	2	0	0	0	0	0	-	-	-
Anglesey																															
Valley	21-9	10	18.5	12.1	15.3	+0.2	25.4	20	8.3	8	-	-	71	110	22	3	11	7	0	0	0	0	0	4	0	0	0	1	6.80	113	-
Denbigh																															
Colwyn Bay	9 9	24	18.1	12.2	15.1	-	22.9	18	8.5	12	16.1	-	78	125	25	31	13	7	0	0	0	0	0	0	0	0	0	0	7.05	122	-
Alwen	9 9	335	17.3	8.1	12.7	-	24.7	20	1.5	12	-	-	125	62	31	11	8	0	0	0	0	0	0	0	0	2	0	0	-	-	-
Ruthin	9 9	76	19.2	10.1	14.7	-	26.3	17	5.0	12	-	-	65	24	21	10	7	0	0	0	0	0	2	0	0	0	0	0	5.86	-	-
Loggerheads	9 9	210	18.3	9.3	13.8	-	24.7	20	4.1	12	14.3	12.8	72	26	21	13	8	0	0	0	0	1	2	0	0	0	0	0	4.95	-	S
Bwlchgwyn	9 9	386	17.2	9.7	13.5	-	24.0	20	5.0	12	12.3	-	80	91	28	21	12	9	0	0	0	0	0	0	0	0	0	0	-	-	-
Wrexham	9 9	88	19.7	10.8	15.3	-	25.1	18	5.0	12	-	13.7	43	66	13	21	11	8	0	0	0	0	1	0	0	0	0	0	-	-	-
Caernarvon																															
Bardsey Island	21-9	18	16.4	12.3	14.3	-	23.5	18	10.4	5	-	-	61	120	20	3	12	8	0	0	0	0	2	0	0	0	0	0	-	-	-



Table 3 Summary of daily observations

July 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date							0.2 mm or more	1.0 mm or more														
8a SOUTH WALES—continued																																
Cardigan—continued	9 9	290	17.3	11.1	14.2	-	23.8	18	7.7	2	-	-	102	85	33	3	11	11	0	0	0	0	0	0	0	0	0	0	0	5.25	117	-
Llety-eyan-hen	9 9	301	17.5	9.9	13.7	-	24.5	20	3.2	6	-	-	97	-	27	3	13	11	-	0	-	-	-	-	0	0	-	-	4.08	-	S	
Cwmystwyth	9 9	301	17.5	9.9	13.7	-	24.5	20	3.2	6	-	-	97	-	27	3	13	11	-	0	-	-	-	-	0	0	-	-	4.08	-	S	
Pembroke																																
Dale Fort	9 9	33	18.8	12.3	15.5	-	25.0	16	9.8	1.9	16.6	-	52	-	12	18	12	10	0	0	0	0	2	6	0	0	-	0	6.63	-	-	
Milford Haven	21-9	37	18.7	12.7	15.7	-	26.4	17	9.6	1	-	-	75	-	25	18	14	11	0	0	0	0	1	1	0	0	0	0	-	-	-	
Conservancy Board	9 9	61	19.1	-	-	-	25.1	17	-	-	15.9	-	79	-	-	-	-	-	0	0	0	0	1	1	-	-	-	0	-	-		
Orielton	9 9	8	19.3	9.8	14.5	-	25.7	17	5.2	6	-	-	57	-	13	4	12	11	0	-	0	0	0	0	-	-	0	4.68	-	-		
Haverfordwest	9 9	8	19.3	9.8	14.5	-	25.7	17	5.2	6	-	-	57	-	13	4	12	11	0	-	0	0	0	0	-	-	0	4.68	-	-		
Carmarthen																																
Carmarthen	9 9	15	19.5	11.5	15.5	-	26.0	15	6.0	10	15.6	14.3	70	66	17	4	12	10	0	0	0	0	0	0	0	0	0	0	5.83	-	S	
Esgairwen-Uchaf	9 9	332	17.1	10.6	13.9	-	23.6	20	5.6	6	-	-	120	-	52	20	14	9	0	0	0	0	2	1	0	1	-	0	-	-	-	
Brynamman	21-9	183	18.9	11.3	15.1	-	24.6	20	7.0	10	-	-	56	-	17	7	11	10	0	-	0	0	2	0	0	0	-	0	-	-	-	
Radnor																																
Cenarth Mill	21-9	282	18.3	9.1	13.7	-	24.7	20	2.4	6	-	-	39	-	14	3	11	6	-	0	-	-	-	3	0	1	-	-	-	-	-	
Llandrindod Wells	9 9	235	19.5	10.0	14.7	-0.2	25.2	20	4.8	6	14.7	-	51	63	8	22	9	9	0	0	0	0	0	0	0	-	0	4.34	99	S		
Brecknock																																
Llwynon	9 9	242	17.6	9.4	13.5	-	25.0	14	5.1	11	-	-	41	-	12	3	10	7	0	0	0	0	0	0	0	-	0	5.26	-	-		
Glamorgan																																
Mumbles	21-9	36	17.9	12.8	15.9	-	24.0	17	9.0	6	-	-	-	-	-	-	-	-	0	0	0	0	1	1	0	0	0	-	-	-		
Penmaen	9 9	82	18.7	11.7	15.2	-	24.7	17	7.7	6	16.5	15.1	52	-	15	7	12	9	0	0	0	0	2	1	0	0	-	0	5.81	-	-	
Swansea	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Port Talbot	9 9	7	20.2	12.6	16.4	-	27.0	17	9.0	6.14	-	-	33	35	10	7	10	8	0	0	0	0	0	0	0	0	-	0	5.51	-	S	
Neath	9 9	62	19.0	12.5	15.7	-	25.5	17	7.7	6	-	-	54	-	16	7	14	9	0	0	0	0	0	0	0	0	-	0	-	-	-	
Porthcawl	9 9	6	18.8	13.1	15.9	-	26.2	17	8.5	6.10	-	-	34	41	13	7	9	6	-	-	-	-	2	0	0	0	-	0	-	-	-	
Rhosee	21-9	67	19.4	11.8	15.6	-	25.0	17	7.0	6	-	-	39	47	13	7	10	6	0	0	0	2	0	0	0	0	-	0	6.56	99	-	
Cardiff	9 9	62	20.3	12.3	16.3	-0.1	25.6	17	8.0	6	15.3	13.7	26	30	10	7	12	6	0	-	0	0	0	0	0	0	-	0	5.57	-	S	
Monmouth																																
Tredegar	9 9	313	18.3	10.7	14.5	-	23.7	20	5.1	6	-	-	31	24	7	7	7	6	0	0	0	0	0	3	0	0	-	0	5.55	-	S	
Newport	9 9	23	20.6	11.6	16.1	-0.5	25.5	17	6.9	6	-	-	19	23	6	7	6	5	0	0	0	0	0	0	0	0	-	0	5.96	-	-	
Usk	9 9	21	(20.7)	(10.8)	(15.7)	-	26.0	15.17	6.0	1.6	(17.3)	-	16	19	5	19	6	6	-	-	-	-	5	0	0	-	-	0	4.87	-	-	
Crumblant	9 9	245	18.9	11.0	14.9	-	23.3	14	7.5	6	15.0	13.1	26	29	8	31	11	5	0	0	0	0	0	1	0	0	-	0	5.71	-	-	
8b ENGLAND SW																																
Somerset																																
Hawkrigde	9 9	314	17.9	10.2	14.1	-	22.0	14	5.6	6	-	-	44	40	8	7	13	10	0	0	0	0	3	2	0	1	-	0	5.95	-	-	
Nettlecombe	9 9	96	19.5	10.2	14.9	-	23.4	17	5.4	6	16.8	-	21	-	5	8	9	7	0	0	0	0	2	2	0	0	-	0	-	-	-	
Cannington	9 9	23	20.1	11.8	15.9	-	25.0	17	6.6	6	17.2	-	26	42	11	7	7	4	0	-	0	0	1	0	0	0	-	0	5.64	86	-	
Crick Malherbie	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar	9 9	11	(20.2)	(11.4)	(15.8)	-	25.2	17	5.1	6	-	-	31	-	21	9	4	3	0	0	0	0	0	0	1	-	-	0	-	-	-	
Yeovilton	21-9	18	20.6	11.1	15.9	-	25.6	17	5.5	10	-	-	35	-	15	31	7	4	0	0	0	0	1	0	0	0	-	0	-	-	-	
Rodney Stoke	9 9	40	20.2	11.5	15.9	-	25.0	15	7.0	11	16.7	14.2	25	-	7	7	9	7	-	-	-	-	1	0	0	-	0	-	-	-	-	
Long Ashton	9 9	49	20.2	11.8	16.0	-0.4	25.5	17	7.4	6	16.1	-	17	21	5	7	9	5	0	0	0	0	0	0	0	0	-	0	5.57	92	-	
West Camel	9 9	27	21.2	10.5	15.9	-	25.4	17	3.4	10	-	-	41	-	15	31	7	5	0	0	0	0	1	0	0	0	-	0	-	-	-	
Downside Abbey	9 9	183	19.2	11.6	15.4	-	23.9	17	8.0	6	-	-	22	-	5	7	10	5	-	-	-	-	0	0	0	-	0	-	-	-	-	
Wincanton	9 9	114	20.1	11.2	15.6	-	24.0	14.17.22	7.3	6.13	-	-	47	-	18	31	11	6	-	-	-	-	6	0	0	-	0	-	-	-	-	
Bath	9 9	118	19.9	12.1	16.0	-	24.9	17	8.5	6	16.0	-	38	53	17	31	10	7	0	0	0	0	2	1	0	-	0	-	-	-	-	
Dorset																																
Portland Bill	9 9	314	17.9	10.2	14.1	-	22.0	14	5.6	6	-	-	44	40	8	7	13	10	0	0	0	0	3	2	0	1	-	0	5.95	-	-	
Coastguard	21-9	53	17.7	12.7	15.2	-	24.7	16	10.2	2.7	-	-	18	-	7	7	6	3	0	0	0	0	1	3	0	0	0	0	6.88	-	-	
Weymouth	9 9	23	19.3	11.9	15.6	-1.2	25.9	17	8.4	12	-	-	31	-	10	31	7	5	0	0	0	0	0	1	0	-	0	6.93	-	-		
Winfrith	9 9	26	20.2	10.8	15.5	-	26.0	17	5.7	10	-	-	32	-	15	31	6	5	-	-	-	-	0	0	1	-	-	-	-	-	-	
Shaftesbury	9 9	207	19.6	10.6	15.1	-0.4	24.7	20	4.8	13	-	-	45	67	15	7	9	7	-	-	-	-	2	0	0	-	-	-	-	-	-	
Swanage	9 9	11	18.8	12.2	15.5	-	23.8	16	8.6	10	-	-	15.4	-	8	8	8	6	0	-	0	0	1	1	0	0	-	0	6.73	93	-	
Poole	9 9	8	20.8	11.9	16.3	-	26.8	17	6.3	10	17.6	15.7	32	38	11	31	8	6	0	0	0	0	1	0	0	-	0	6.65	96	-		
Devon																																
Virginstow	9 9	168	19.3	10.8	15.1	-	24.9	14	6.0	6	-	-	43	-	14	2	10	7	0	-	0	0	2	1	0	0	-	0	-	-	-	
Hartland Point	21-9	91	16.8	11.5	14.1	-	21.0	17	7.8	12	-	-	56	79	13	7	12	8	0	0	0	0	0	2	0	0	0	0	6.58	106	-	
Mount Batten	21-9	27	18.7	12.5	15.6	-0.4	24.8	16	7.0	6	-	-	32	49	8	31	7	7	0	0	0	0	0	1	0	0	-	0	6.93	109	-	
Plymouth Hoe	9 9	36	19.1	12.4	15.7	-0.6	25.0	16	7.4	6.12	16.2	14.6	30	46	10	31	7	7	0	0	0	0	0	1	0	0	-	0	6.66	105	-	
Tavistock	9 9	139	20.4	11.3	15.9	+0.2	24.6	28	4.4	6	-	-	12.9	42	44	16	31	8	7	0	0	0	0	0	1	0	0	-	0	-	-	
Chivenor	21-9	6	19.4	12.4	15.9	-0.6	25.6	15	6.7	6	-	-	52	76	12	7	10	8	0	0	0	0	3	0	0	0	-	0	6.15	-	-	
Prawle Point	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	4	0	-	0	0	3	-	-	-	0	-	-		
Totnes	9 9	84	20.5	11.1	15.8	-	26.4	17	5.8	12	15.3	13.3	17	-	5	8	9	5	0	0	0	0	0	0	0	-	0	5.36	-	-		
Cheldon Barton	21-9	163	19.4	10.8	15.6	-	23.4	14	3.9	6	16.0	-	48	-	11	18	10	8	0	0	0	0	3	0	0	-	0	5.01	-	-		
Slapton	9 9	32	19.3	11.8	15.5	-	23.7	16	6.3	6.12	-	-	27	38																		







Table 4 Summary of observations at fixed hours

July 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
								mean	0	1.2	3-5	6.7	8											sky obscured	8 or more	6.7	4.5	1-3	calm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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0	SCOTLAND N																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</



Table 4 Summary of observations at fixed hours

July 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction																		
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	0-49 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	NE	E	SE	S	SW	W	NW						
								mean	0	1-2	3-5	6-7												8	8 or more	6-7	4-5	1-3									calm					
																																						speed (kt)				
																																						number of observations				
6a SCOTLAND W—continued																																										
Eskdalemuir, Dumfriesshire																																										
237	3	1018.7	-	9.7	0.4	11.6	95	5.9	4	2	2	10	13	0	0	0	0	0	0	6	3	6	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	9	1018.5	+6.0	14.1	2.1	12.8	79	5.4	3	3	5	12	8	0	0	0	0	0	0	0	0	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	15	1017.8	-	16.8	3.7	12.8	68	5.7	0	5	6	13	7	0	0	0	0	0	0	0	0	3	8	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	21	1018.7	-	12.3	1.1	12.7	88	4.8	2	9	3	9	8	0	0	0	0	0	0	0	0	7	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
6b ISLE OF MAN																																										
Ronaldsway																																										
21	3	1018.5	-	11.9	0.9	12.5	89	4.6	3	8	5	7	7	1	0	0	0	1	1	0	2	5	7	6	6	9	0	0	3	25	3	9	3	0	1	3	5	5				
	9	1018.9	+5.2	14.6	1.7	13.8	82	5.4	1	6	5	11	6	2	0	0	0	0	2	1	4	7	6	5	6	0	0	7	23	3	1	0	1	11	2	6	3					
	15	1018.7	-	16.1	2.3	14.1	77	5.2	2	6	4	13	6	0	0	0	0	0	1	4	9	6	6	5	0	1	6	24	0	1	2	8	3	11	5	1						
	21	1018.7	-	13.9	1.4	13.4	85	5.2	2	7	2	14	5	1	0	0	0	1	0	3	4	8	8	7	0	0	4	24	3	7	1	1	2	2	7	6						
Point of Ayre																																										
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	1018.8	-	14.4	1.0	14.7	89	4.9	4	4	6	10	6	1	0	0	0	1	0	2	0	5	7	11	5	0	15	15	1	2	6	1	5	2	5	8	1					
	15	1018.6	-	16.3	2.0	14.8	80	5.1	4	1	10	9	7	0	0	0	0	0	0	0	3	12	8	8	0	1	11	19	0	0	5	3	3	2	6	7						
	21	1018.4	-	13.9	1.0	14.3	89	4.9	2	7	5	11	6	0	0	0	0	1	0	3	7	9	11	0	0	0	6	21	4	2	0	1	2	5	10	5						
2 ENGLAND NE																																										
Acklington, Northumberland																																										
46	3	1018.6	-	10.2	0.3	12.1	96	5.5	3	3	7	5	12	1	0	1	0	1	4	2	5	7	5	6	0	0	0	25	6	2	1	2	0	3	4	10						
	9	1018.7	+6.2	14.7	1.8	13.5	80	6.2	0	4	5	9	13	0	0	0	0	1	0	7	5	6	4	0	0	0	5	24	2	4	1	9	2	2	3	8						
	15	1018.3	-	16.6	2.7	13.8	73	5.9	0	4	5	13	9	0	0	0	1	1	2	4	10	5	8	0	0	0	8	23	0	2	2	6	11	0	4	5						
	21	1018.7	-	12.7	0.8	13.4	91	5.4	1	6	5	10	8	1	0	0	1	0	2	6	7	2	6	7	0	0	2	21	8	4	2	0	3	4	2	7						
Tynemouth, Northumberland																																										
40	3	1019.0	-	12.4	0.9	12.9	89	6.1	2	3	3	9	13	1	0	1	0	1	0	3	4	11	11	0	0	0	4	21	6	4	0	3	1	5	4	7						
	9	1019.3	+6.3	14.1	1.7	13.1	82	6.1	2	1	7	8	11	2	1	2	0	1	1	6	5	7	8	0	0	0	10	18	3	5	2	4	6	2	2	7						
	15	1018.9	-	15.5	2.2	13.7	78	6.1	1	3	5	9	11	2	0	1	1	1	1	6	8	12	0	0	0	0	14	17	0	6	1	5	9	3	4							
	21	1019.2	-	14.0	1.5	13.4	84	5.5	1	4	8	8	9	1	0	0	1	0	1	4	5	12	8	0	0	0	5	24	2	5	2	1	3	8	3	7						
Seahouses, Northumberland																																										
12	3	1018.7	-	11.3	1.0	11.9	88	5.2	0	9	4	5	10	3	0	0	0	4	0	2	8	4	9	4	0	0	4	19	8	3	0	1	0	6	7	5						
	9	1018.8	-	14.0	1.9	12.7	80	6.2	0	2	9	5	11	4	0	0	1	5	1	3	4	4	9	0	0	4	19	8	6	1	2	3	4	2	5							
	15	1018.3	-	15.8	2.7	13.1	73	5.6	2	2	9	9	0	0	0	0	2	2	6	5	1	8	7	0	0	8	21	2	4	1	7	4	5	1	6							
	21	1018.5	-	13.4	1.5	12.8	83	5.5	1	4	8	7	9	2	1	0	0	2	2	6	4	2	7	7	0	0	3	22	6	4	1	0	10	3	7	0						
Leeming, Yorkshire N.R.																																										
33	3	1018.9	-	11.7	0.7	12.7	92	6.4	2	1	3	12	13	0	0	1	0	1	3	5	6	5	7	3	0	0	5	22	9	5	3	0	0	5	4	2						
	9	1019.1	+5.6	15.0	1.9	13.7	80	6.7	0	0	4	18	9	0	0	0	0	3	0	8	9	5	6	0	0	0	5	23	3	5	5	2	2	5	4	3						
	15	1018.4	-	18.5	3.7	14.2	66	5.7	2	2	6	15	6	0	0	0	0	0	0	6	12	3	10	0	0	9	21	1	0	10	1	5	3	8	0							
	21	1018.9	-	14.4	1.5	13.8	83	5.0	1	8	5	8	9	0	0	0	0	0	1	5	7	5	6	7	0	0	2	25	4	7	5	0	0	3	4	6						
Whitby Coastguard, Yorkshire N.R.																																										
66	3	1018.8	-	12.3	0.8	13.1	91	5.9	0	7	4	4	15	1	0	0	2	0	0	2	6	18	3	0	0	0	4	24	3	5	0	0	2	7	5	6						
	9	1019.2	-	14.2	1.3	13.9	85	6.6	1	1	4	10	14	1	0	0	1	0	0	2	10	6	10	2	0	0	5	16	10	6	0	2	3	3	0	4						
	15	1018.7	-	15.5	1.9	14.2	81	6.5	1	1	6	9	14	0	0	0	1	1	1	10	9	10	9	1	0	0	18	3	7	1	5	5	3	4	2							
	21	1018.9	-	14.0	1.3	13.7	86	6.9	1	0	4	8	15	3	0	1	0	3	1	2	6	9	7	2	0	0	5	21	5	5	1	1	5	5	4	3						
Kilnsea, Yorkshire E.R.																																										
16	3	1018.7	-	12.6	0.6	13.5	92	5.8	2	3	6	6	12	2	0	1	1	2	1	6	5	15	0	0	0	3	14	10	4	4	7	2	0	2	3							
	9	1019.1	+5.2	13.9	1.1	14.0	88	6.6	0	1	6	10	11	3	0	2	0	1	1	3	8	16	0	0	0	1	15	9	6	6	2	0	1	5	4							
	15	1018.9	-	14.9	1.5	14.1	83	6.6	1	2	4	7	14	3	0	1	0	2	1	2	8	17	0	0	0	0	19	8	4	5	6	5	3	3	4							
	21	1018.8	-	13.6	1.0	13.9	90	5.5	3	1	9	5	10	3	0	2	0	2	2	8	14	0	1	0	0	0	15	13	3	4	6	5	1	2	3							
Waddington, Lincolnshire																																										
69	3	1019.1	-	11.7	0.5	13.0	93	5.5	4	3	4	7	12	1	0	1	2	2	5	6	7	6	2	0	0	0	26	0	6	7	0	2	1	7	5							
	9	1019.5	+5.2	14.7	1.4	14.2	85	6.7	2	1	0	14	14	0	0	0	0	0	0	0	15	10	5	0	0	0	10	21	0	5	5	2	2	0	6							
	15	1018.9	-	17.7	3.0	14.4	72	5.5	3	3	6	10	9	0	0	0	0	0	0	1	15	10	11	0	0	0	10	21	0	1	7	3	0	10	4							
	21	1019.2	-	13.7	1.0	13.9	88	5.1	3	7	1	12	8	0	0	0	0	0	0	2	10	17	2	0	0	0	8	23	0	5	7	6	1	4	2	2						
Binbrook, Lincolnshire																																										
109	3	1019.0	-	11.1	0.4	12.7	95	5.9	1	6	3	6	12	3	0	5	4	0	1	6	7	10	0	0	0	0	5	21	5	4	6	0	0	5	4	3						
	9	1019.3	-	14.2	1.4	13.8	85	6.8	0	2	2	14	13	0	0	0	2	0	0	2	13	7	6	1	0	0	11	20	0	4	8	3	0	4	7							
	15	1018.9	-	16.2	2.4	13.8	75	6.3	1	2	3	16	9	0	0	0	0	0	0	2	5	12	11	0	0	0	13	18	0	4	9	3	1	4	6							
	21	1019.1	-	13.0	0.9	13.5	89	6.1	0	4	5	11	11	0	0	0	1	4	1	2	10	9	4	0	0	0	7	20	4	5	5	4	3	2	4	3						
Manby, Lincolnshire																																										
14	3	1018.7	-	11.8	0.4	13.3	95	6.0	2	4	2	8	12	3	0	3	1	1	5	3	10	6	2	0	0	0	1	28	2	6	2	0	1	2	4	7						
	9	1019.2	+5.1	14.9	1.5	14.2	84	6.9	0	2	3	10	16	0	0	0	1	1	0	12	10	7	0	0	0	9	22	0	7	9	1	1	1	7	3							
	15	1018.8	-	16.9	2.6	14.3	75	6.3	1	3	2	13	12	0	0	0	0	0	0	1	9	11	9	1	0	0	10	21	0	9	4	5	2	1	5							
	21	1019.0	-	13.4	0.7	14.2	92	6.0	0	6	3	9	11																													



Table 4 Summary of observations at fixed hours

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
								mean	0	1-2	3-5	6-7											8	sky obscured	8 or more	6-7									4-5	1-3	calm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Cardington, Bedfordshire 29	3	1019.0	-	11.5	0.3	13.1	95	6.1	2	4	2	4	18	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 4 Summary of observations at fixed hours

July 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																																													
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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																																							
								mean	0	1	2	3												4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30													
																																																			speed (kt)												
																																																			8 or more	6-7	4-5	1-3	calm	N	NE	E	SE	S	SW	W	NW
number of observations																																																															
5 ENGLAND SE—continued																																																															
Dungeness, Kent	3	1019.0	-	-	-	-	5.6	4	1	7	4	11	4	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																							
	9	1019.6	-	15.9	1.3	15.7	87	5.2	4	1	7	4	11	4	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																							
	15	1019.2	-	-	-	-	5.7	2	4	4	10	10	1	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																							
	21	1019.2	-	-	-	-	5.9	2	4	4	5	13	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
Manston, Kent	3	1018.8	-	13.6	0.7	14.4	92	6.0	2	4	2	9	12	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																								
	9	1019.3	-	16.1	1.7	15.1	82	6.1	1	5	1	13	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																								
	15	1018.6	-	18.4	2.9	15.4	73	5.4	1	3	12	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
	21	1019.0	-	15.1	1.2	15.1	87	5.8	1	4	5	13	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																								
Thorney Island, Sussex	3	1019.3	-	13.4	0.7	14.2	91	5.2	3	6	5	6	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
	9	1019.8	+3.8	16.4	1.9	15.1	81	5.3	1	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																								
	15	1019.2	-	18.8	3.1	15.4	72	5.3	1	5	8	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																								
	21	1019.4	-	15.8	1.4	15.3	85	4.5	3	7	7	6	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																								
Eastbourne Coastguard, Sussex	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
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	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Abingdon, Berkshire	3	1019.1	-	12.2	0.6	13.3	93	5.1	2	4	9	7	9	0	0	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	1019.5	+3.9	15.8	2.1	14.1	78	6.3	0	2	6	14	9	0	0	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	1018.6	-	19.7	4.2	14.5	63	6.2	1	0	9	11	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																								
	21	1019.0	-	15.6	1.8	14.4	80	4.6	2	7	7	8	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																								
Hurn, Hampshire	3	1019.0	-	12.2	0.7	13.2	92	4.6	7	3	6	3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
	9	1019.6	+3.7	16.0	2.0	14.4	79	5.6	1	6	2	13	9	0	0	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	1018.9	-	19.1	3.5	15.1	68	5.1	1	5	9	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
	21	1019.2	-	15.4	1.6	14.8	84	4.1	2	10	6	8	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	0																								
South Farnborough, Hampshire	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
	9	1019.4	+3.7	15.8	1.9	14.5	81	6.2	1	4	3	7	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																								
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																									
Lyneham, Wiltshire	3	1019.5	-	12.2	0.6	13.4	93	5.4	2	5	3	13	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																								
	9	1019.9	+4.3	14.5	1.3	14.1	85	6.5	0	1	4	17	9	0	0	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	1019.0	-	18.6	3.3	14.9	70	5.5	1	2	10	10	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																								
	21	1019.4	-	15.4	1.8	14.3	81	5.2	2	7	2	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																							
Boscombe Down, Wiltshire	3	1019.3	-	11.9	0.4	13.3	94	5.3	3	6	4	7	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
	9	1019.8	+3.9	14.9	1.5	14.2	83	6.1	2	3	4	9	13	0	0	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	1018.7	-	19.3	3.9	14.5	66	5.5	1	3	8	14	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	0																								
	21	1019.2	-	15.0	1.4	14.5	84	4.5	4	7	5	6	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
Upavon, Wiltshire	3	1019.9	-	14.9	1.4	14.4	84	6.4	1	3	2	11	12	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																								
	9	1018.8	-	19.2	3.5	15.1	68	5.6	1	2	9	10	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																								
	15	1018.8	-	19.2	3.5	15.1	68	5.6	1	2	9	10	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																								
	21	1019.4	-	15.0	1.4	14.6	85	5.2	3	5	6	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																								
7a ENGLAND NW																																																															
Carlisle, Cumberland	3	1018.5	-	11.8	0.7	12.8	92	5.4	5	3	1	14	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																								
	9	1018.8	+5.2	15.2	2.0	13.7																																																									



Table 4 Summary of observations at fixed hours

July 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Rhoose, Glamorgan	3	1019.1	-	12.8	0.7	13.7	92	5.1	3	6	4	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0



Table 5 Number of days with maximum and minimum temperatures between given limits

July 1972

Station	maximum °C								minimum °C								Station	maximum °C								minimum °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 (psychrometer)	0	0	0	25	5	1	0	0	0	0	0	0	0	25	6	0	Edgbaston	0	0	0	2	15	13	1	0	0	0	0	0	0	0	4	27	0
Lerwick (large screen)	0	0	0	26	4	1	0	0	0	0	0	0	0	25	6	0	Kew (psychrometer)	0	0	0	0	9	18	4	0	0	0	0	0	0	0	9	18	4
Stornoway	0	0	0	15	15	1	0	0	0	0	0	0	0	18	13	0	Kew (north-wall screen)	0	0	0	0	10	17	4	0	0	0	0	0	0	2	25	4	
Craibstone	0	0	0	6	18	7	0	0	0	0	0	0	3	18	10	0	Hastings	0	0	0	0	22	9	0	0	0	0	0	0	0	3	21	7	
Rothsay	0	0	0	9	11	8	3	0	0	0	0	0	0	14	17	0	Southampton	0	0	0	2	11	14	4	0	0	0	0	0	0	0	6	19	6
Abbotsinch	0	0	0	3	17	6	5	0	0	0	0	0	12	13	5	0	Stonyhurst	0	0	0	6	13	7	5	0	0	0	0	0	1	10	20	0	
Eskdalemuir (psychrometer)	0	0	0	9	14	6	2	0	0	0	0	0	4	18	9	0	Rhyl	0	0	0	3	21	6	1	0	0	0	0	0	0	4	26	1	
Eskdalemuir (large screen)	0	0	0	9	13	6	3	0	0	0	0	0	3	18	10	0	Valley	0	0	0	8	11	11	1	0	0	0	0	0	5	26	0		
Douglas	0	0	0	10	14	7	0	0	0	0	0	0	0	10	21	0	Rhoose	0	0	0	2	14	15	0	0	0	0	0	0	0	6	22	3	
Acklington	0	0	0	1	26	4	0	0	0	0	0	0	3	16	12	0	Falmouth	0	0	0	0	21	10	0	0	0	0	0	0	0	7	21	3	
Gorleston	0	0	0	1	26	4	0	0	0	0	0	0	0	4	24	3	Aldergrove	0	0	0	4	16	9	2	0	0	0	0	0	0	15	16	0	
Cambridge Botanic Gardens	0	0	0	0	11	15	5	0	0	0	0	0	0	11	18	2	Armagh	0	0	0	1	19	6	5	0	0	0	0	0	0	13	18	0	

Table 6 Summary of autographic records of wind

District, county and place				height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
				above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table 6 Summary of autographic records of wind

July 1972

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					dates of occurrence	duration (hours)	no of days	Duration in hours						veer from N		speed (kt)	hour ended at day hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Table 3 Additions and corrections

Year Month Station			max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
					max. (a)	min. (b)			max.	date	min.	date							0.2 mm or more	1.0 mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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DUPLICATE

THE METEOROLOGICAL OFFICE

# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOL



3 8078 0006 6127 4

Met. O. 852 UDC 551 506 1(41-4)

**AUGUST 1972**

VOLUME 89

NUMBER 8

## Cool; changeable at first followed by mainly dry weather

During most of the first half of the month pressure was relatively low in the vicinity of the British Isles and depressions and troughs of low pressure occasionally crossed all districts. Anticyclones and ridges of high pressure predominated during the latter half of the month but weak troughs of low pressure affected some areas at times, notably in Scotland.

### Weather

Overall it was cooler and drier than average. The first 12 days or so were cool and changeable. During this period there were outbreaks of heavy, thundery rain in some localities and it was occasionally very windy. Showers of sleet (rain or drizzle and snow) were reported on the 6th and 7th high in the Cairngorms. After the changeable weather it became more settled and mainly dry, especially in the south and east, with short-lived morning fog patches.

### Wind

The first 12 days were occasionally very windy, especially in the west and north where local gales were reported on coasts. Depressions over or near western areas of the United Kingdom from the 6th to 10th brought strong winds to all areas; winds reached or approached gale force in many districts on the 8th and in north Scotland again on the 9th and 10th. During the 8th gusts of 40-50 kt occurred in most areas. Winds were mostly light during the remainder of the month, except at times in Scotland and occasionally over coasts.

### Temperature

Monthly mean temperature was below average nearly everywhere with deficits generally between 0.5 and 1.5 degC. In broad terms the first 12 days were cooler than average and during the remainder of the month temperatures fluctuated above and below average. Day-time temperatures were not especially noteworthy, except for a preponderance of cool days. Cool nights were a common feature of the weather from the 9th/10th and ground frost was often recorded in the mountainous areas of Scotland, northern England and Wales. On the morning of the 11th, however, ground frost occurred more widely, especially in Scotland and Northern Ireland, and it occurred also in parts of England and Wales, even in the southernmost counties where it recurred on the following morning. On the 18th ground frost occurred again in parts of southern England and early on the 19th the air temperature fell to near 0°C in upland areas of southern Scotland and central Wales. The last few nights were also very cool and the temperature at Lagganlia (Inverness-shire) fell to -0.6°C on the morning of the 29th.

### Rainfall

Rainfall was below average in nearly all areas of the United Kingdom. Rainfall was less than half the average over large regions in England and Wales while less than a quarter of average was recorded in some eastern and southern counties, and in parts of the Channel Islands. The Lowestoft (Suffolk) area had its driest August since at least 1862; Earls Colne (Essex) and Ryde (Isle of Wight) had their lowest August rainfall since 1940 while other stations in England had their driest August since 1947. Many eastern and southern areas in both Scotland and Northern Ireland also had below half the average rainfall and a number of places in these areas had their lowest August rainfall since 1959. Thunderstorms or outbreaks of thundery rain occurred in many districts on the 1st and continued in southern England on the 2nd. Early on the 1st at Costessey, near Norwich (Norfolk), 137.7mm of rain occurred in about 3¾ hours - a rainfall of this intensity is classified as 'very rare'. Many parts of Norwich were flooded and on the same day local flooding was reported in widely separated areas from north Wales to south-east England; lightning strikes led to disruption of electric power supplies in East Anglia and to the death of one boy and the injury of another at Chingford (Essex). On the 7th frequent heavy showers occurred in Scotland and in the 24 hours from 09 GMT a 'daily' rainfall of 57.0mm was recorded at Glenoglehead (Perthshire). Later that day heavy, thundery rain affected south-west England and soon spread to nearly all other districts; 'daily' rainfalls recorded during this wet spell included 51.0mm at Lough Navar Forest (Co. Fermanagh) on the 7th and 55.2mm at Ellishadder on the Isle of Skye (Inverness-

shire) on the 8th. In Northern Ireland, England and Wales the remainder of the month was virtually dry; no measurable rainfall occurred after the 8th in a few places in central and eastern England or after the 10th in many other areas. Scotland, however, continued to have rain at times until the 23rd. Although the rain was often slight, it was heavy enough on the 16th in the north and west to give 'daily' rainfalls of 74.5mm at Broadford on the Isle of Skye, and 60.7mm at Fasnacloich (Argyll). After heavy overnight rain in north Scotland on the 22nd/23rd, with a 'daily' rainfall of 66.8mm at Lag Garbh (Inverness-shire) on the 22nd, the last 7 days were dry almost everywhere.

### Sunshine

Northern Ireland and the Western Isles of Scotland had less sunshine than average; in fact it was the dulllest August since 1942 at Armagh, Duntulm on the Isle of Skye, and Stornoway and Tiree in the Hebrides. Most other areas of the United Kingdom were a little sunnier than average. Sunshine was abundant during the third week in many parts of England and Wales.

### Fog

Sea fog affected various coastal areas at times but it was generally not persistent. From the 10th, mainly in England, early morning fog was a recurrent feature of the weather but although it was sometimes dense in places, usually it did not occur widely and it dispersed soon after dawn.

### Miscellaneous phenomena

The aurora was seen by observers in Scotland on 11 nights.

Table 1 District values

August 1972

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max. †	Lowest Min. †	max.	min.	mean				
	difference from average							% of average	
0 Scotland N	20.5	2.1	-0.8	-1.5	-1.2	-	-4	78	95
1 Scotland E	23.7	3.9	-0.4	-0.9	-0.7	-0.3	-5	53	108
2 England N E	24.9	3.4	-0.7	-0.6	-0.6	-0.1	-7	33	118
3 England E	25.1	4.8	-0.7	-1.0	-0.8	-1.0	-6	45	104
4 Midland Counties	24.7	3.1	-0.8	-0.7	-0.7	-0.4	-6	50	104
5 England S E	24.6	3.7	-0.7	-1.0	-0.9	-1.0	-7	44	103
6 Scotland W	21.4	0.4	-1.1	-1.3	-1.2	-0.2	-6	54	104
7 Eng N W - Wales N	23.5	4.5	-1.2	-0.8	-1.0	-0.5	-7	47	102
8 Eng S W - Wales S	24.3	2.4	-0.4	-0.9	-0.6	-0.4	-6	53	110
N Ireland	23.4	3.4	-1.4	-1.5	-1.4	-	-8	54	74
Scotland	23.7	0.4	-0.8	-1.2	-1.0	-	-5	61	102
England & Wales	25.1	2.4	-0.8	-0.9	-0.8	-	-6	46	108

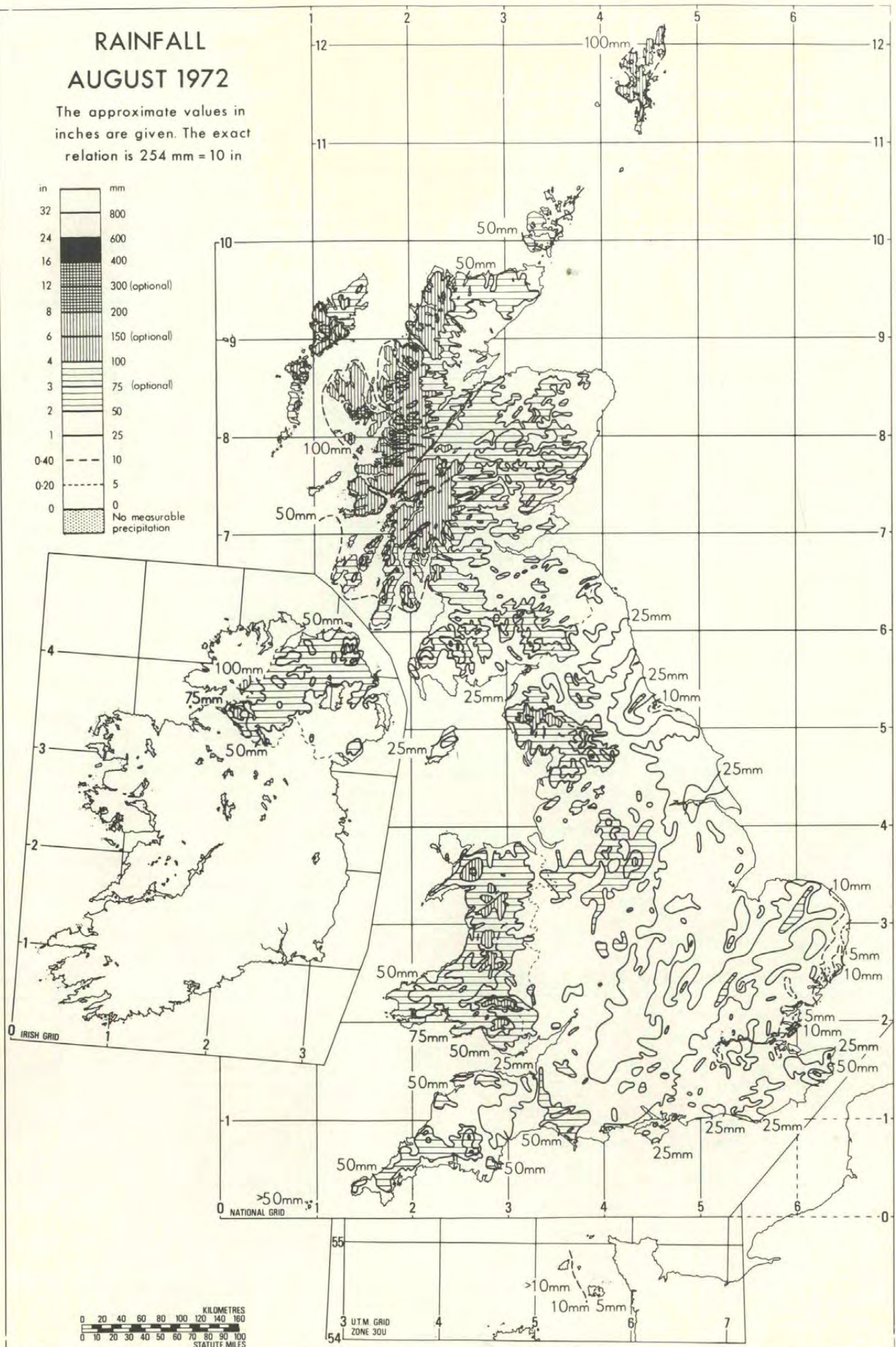
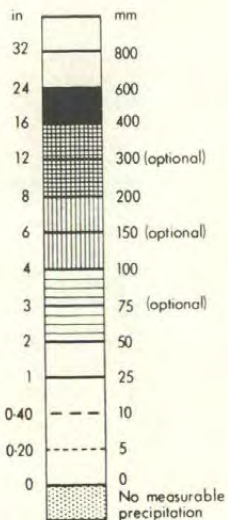
† Highest max. and lowest min. of the District Value Stations

MWR dup (1)



# RAINFALL AUGUST 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





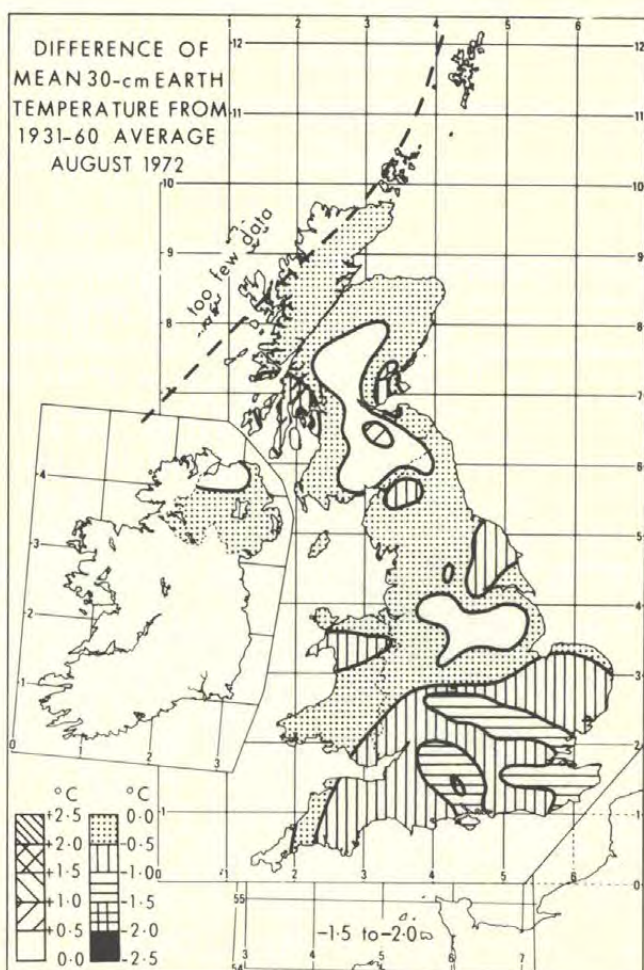
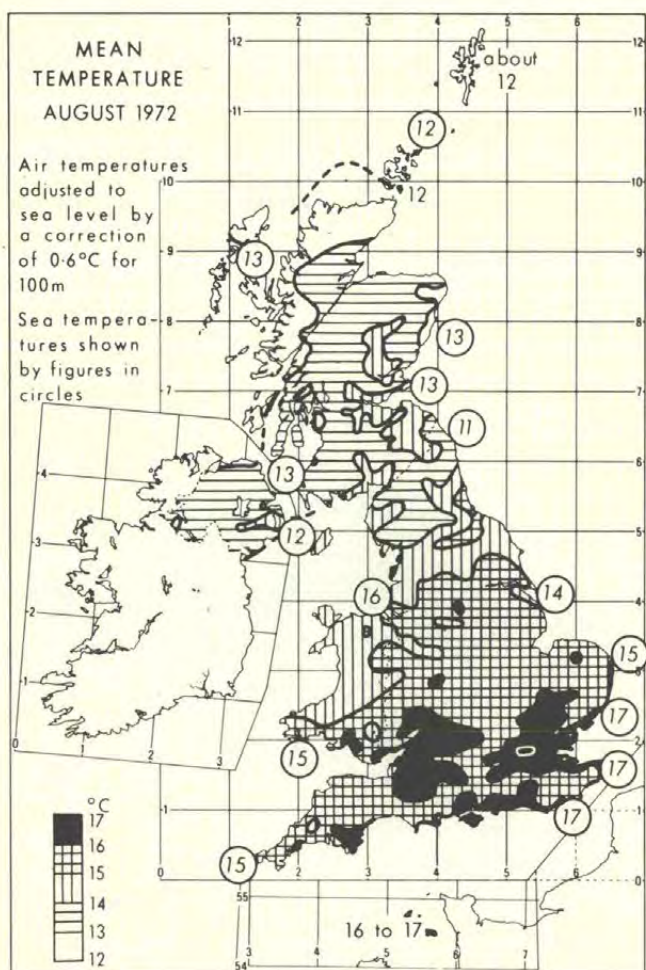
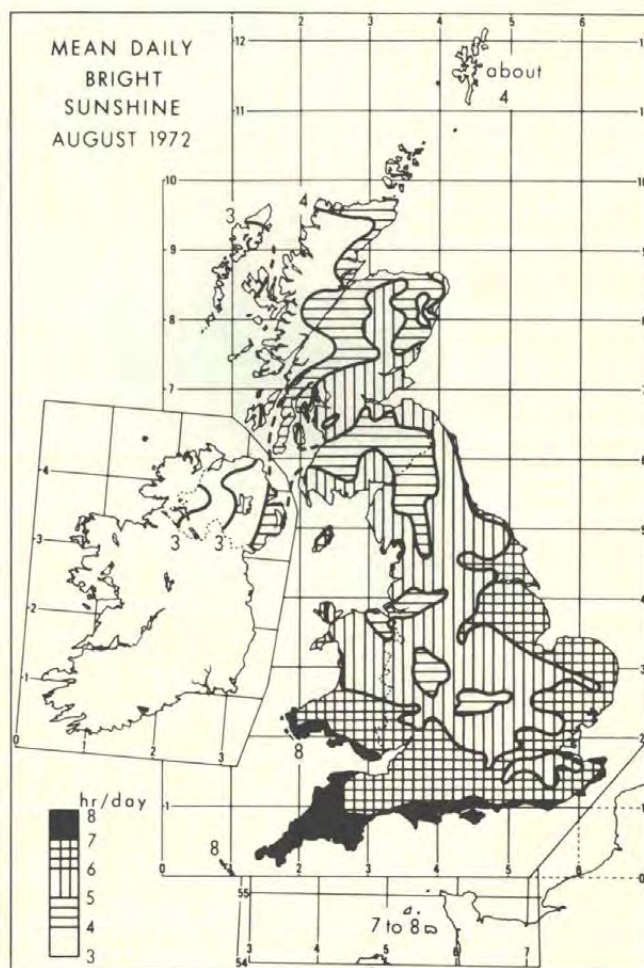
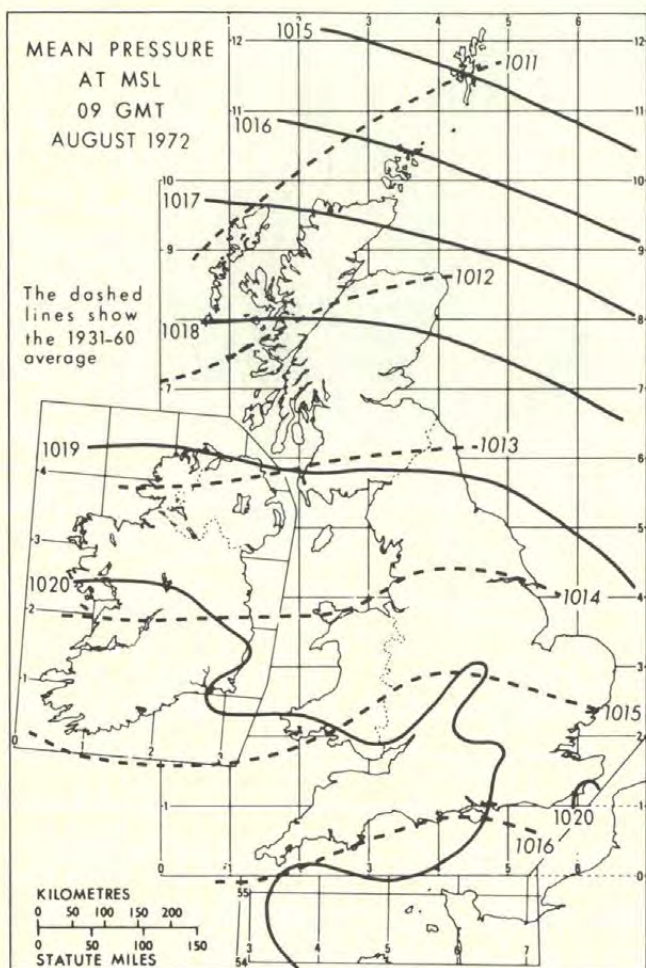








Table 3 Summary of daily observations

August 1972

District, county and place	max. terminal h (GMT)	min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure							
				max. (a)	min. (b)			max.	date	min.	date																											
1 SCOTLAND E — continued																																						
Banff																																						
Glenlivet	21-9	215	17.3	7.5	12.4	-	-	22.0	19	1.2	27,29	-	-	43	-	7	4	17	10	0	0	0	0	0	0	0	3	0	0	5.14	-	S						
Banff	9 9	24	16.2	9.9	13.1	-	-	21.8	19	6.0	27	-	-	39	-	7	1	14	11	-	0	-	-	-	1	0	-	-	-	4.72	-	-						
Aberdeen																																						
Braemar	9 9	339	16.8	7.2	12.0	-0.6	-	20.7	22,27	3.2	11	-	-	47	60	14	8	12	7	-	0	-	-	-	0	0	0	-	-	-	5.98	-	-					
Balmoral	9 9	283	17.1	6.5	11.8	-0.8	-	21.7	22	2.0	22	-	-	41	56	11	8	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
Dinnet	9 9	177	18.1	7.6	12.9	-	-	24.0	19	2.5	29	13.7	-	38	-	16	8	12	8	-	0	-	-	-	0	0	4	-	-	5.18	-	S						
Gartly	9 9	160	16.7	7.7	12.2	-	-	22.5	19	2.2	29	-	-	42	-	9	4	15	11	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-				
Inverurie Sewage Works	9 9	54	17.6	8.0	12.8	-	-	24.2	19	2.2	27	-	-	34	-	8	3	14	11	0	0	0	0	0	0	0	4	-	-	3.54	-	-						
Fyvie Castle	9 9	66	16.8	7.8	12.3	-	-	23.0	19	2.5	30	-	-	44	59	6	8	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Craigstone	9 9	91	16.7	8.1	12.4	-1.0	-	22.3	19	3.8	29	14.1	13.0	34	45	9	8	15	9	0	0	0	0	0	2	0	0	0	0	0	5.11	106	-					
Dyce	21-9	58	17.2	8.6	12.9	-0.7	-	22.2	19	1.8	29	-	-	39	49	11	8	16	9	0	0	0	0	0	0	0	5	0	0	5.06	-	-						
Aberdeen	9 9	52	16.3	9.2	12.7	-1.0	-	22.6	19	3.7	29	-	-	38	52	12	8	14	10	0	0	0	0	0	0	0	0	0	0	0	4.92	106	-					
Fraserburgh	21-9	18	16.0	10.3	13.1	-	-	22.0	19	5.6	10	-	-	35	-	7	8	16	13	0	0	0	0	0	0	0	0	0	0	0	5.22	-	-					
Kincaidine																																						
Fettercairn	9 9	171	16.1	8.4	12.3	-0.9	-	22.1	19	3.5	10	-	-	74	81	16	8	15	11	0	0	0	0	0	0	1	0	1	-	1	4.23	-	-					
Banchory	9 9	77	17.9	8.3	13.1	-	-	24.9	19	2.6	29	-	-	47	-	13	8	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
Stonehaven	9 9	4	16.8	7.2	12.0	-1.9	-	22.3	19	2.4	10	-	-	43	61	14	8	15	11	0	0	0	0	0	0	0	-	-	0	4.01	88	-						
Angus																																						
Mylnfield	9 9	30	18.3	9.3	13.8	-	-	22.9	24	3.8	11	14.4	12.9	53	68	13	7	11	8	0	0	0	0	0	1	0	0	0	0	0	5.30	-	-					
Dundee	9 9	45	18.4	10.0	14.2	-0.3	-	23.7	24	5.8	11	15.2	-	41	49	13	7	10	7	0	0	0	0	0	1	0	0	0	0	0	5.22	-	-					
Glamis Castle	9 9	61	18.0	8.6	13.3	-	-	22.2	24	3.6	31	-	-	79	91	25	8	14	11	0	0	0	0	0	1	0	0	2	0	0	-	-	-	-				
Whitehills	9 9	258	16.9	7.1	12.0	-	-	22.7	19	2.0	11,19	-	-	60	57	18	4	11	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	-	-		
Buddon Ness	9 9	5	17.5	9.2	13.3	-0.5	-	22.1	24	4.4	3,29	-	-	41	56	14	7	9	7	0	-	0	0	0	0	0	-	-	0	0	0	0	0	0	-	-		
Carnoustie	9 9	27	-	-	-	-	-	-	-	-	-	15.3	-	35	46	13	7	9	6	-	0	-	-	-	0	-	-	-	-	0	0	5.70	-	-				
Arbroath	9 9	28	16.4	10.4	13.4	-0.7	-	22.4	24	7.0	11	-	-	44	70	12	8	10	6	0	0	0	0	1	0	0	0	0	0	0	5.49	109	-					
Usan	21-9	30	16.6	10.0	13.3	-	-	22.6	19	4.8	11	-	-	50	-	13	7	10	8	0	0	0	0	0	0	0	0	0	0	0	5.51	-	-					
Montrose	9 9	57	16.8	9.3	13.1	-	-	22.5	19	2.0	19	-	-	51	72	16	7	11	6	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	-	-	
Perth																																						
Aberfoyle	9 9	27	18.0	7.8	12.9	-	-	21.0	13,22,31	2.0	11	-	-	56	-	11	16	11	9	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Dall	9 9	232	17.0	6.8	11.9	-	-	20.5	25,26,27	0.0	11	-	-	49	-	13	6	13	9	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	-	-	
Callander	9 9	107	17.8	8.8	13.3	-	-	21.1	21	4.0	19	-	-	56	-	11	16	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Ardtaraig	9 9	130	18.0	9.2	13.6	-	-	21.7	21	5.0	11	-	-	43	43	11	16	12	6	0	0	0	0	0	0	0	0	0	0	0	0	4.73	-	-				
Dunblane	9 9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.05	-	-				
Drummond Castle	9 9	113	17.7	8.5	13.1	-	-	21.1	24	3.6	11	15.1	-	64	-	22	7	11	10	0	0	0	0	0	0	0	0	0	0	0	0	5.69	-	-				
Glennagles	9 9	152	17.7	7.8	12.7	-	-	20.8	24	4.0	11,31	-	-	46	47	15	7	12	8	0	-	0	0	0	0	0	0	1	0	0	5.59	-	-					
Pitlochry	9 9	144	17.0	8.7	12.9	-	-	20.1	21	2.5	11	-	-	60	83	14	8	12	10	0	0	0	0	0	0	0	0	0	0	0	0	4.38	-	-				
Faskally	9 9	94	17.7	9.1	13.4	-	-	21.5	21	3.4	10,11	15.4	14.6	52	70	15	8	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Ashintully Castle	9 9	341	16.6	7.2	11.9	-	-	20.8	24	1.4	10	-	-	63	-	11	8	12	10	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	-	-	
Strathallan	9 9	41	18.2	9.3	13.7	-	-	22.0	21,24	4.8	11	-	-	36	-	13	7	9	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Perth	9 9	23	18.8	9.5	14.1	-0.4	-	22.9	24	4.1	11	-	-	35	47	9	7	10	8	0	0	0	0	0	0	0	1	0	0	0	5.40	123	-					
Blairgowrie	9 9	70	18.1	9.2	13.7	-	-	21.4	21	3.7	11,19	15.3	-	63	86	14	8	11	11	-	0	-	-	-	0	0	0	0	0	0	5.25	-	-					
Kinross																																						
Kinross	9 9	116	17.4	8.0	12.7	-	-	21.4	24	3.1	11	14.4	-	39	-	9	7	8	8	-	0	-	-	-	0	0	-	-	-	0	5.81	-	-					
Fife																																						



Table 3 Summary of daily observations

August 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																	
1 SCOTLAND E — continued																																	
Roxburgh																																	
Wauchope	9 9	155	18.0	7.6	12.8	-	22.8	22	2.1	11	-	-	28	29	9	7	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kelso	9 9	34	19.0	8.9	13.9	-	25.2	24	3.4	11	-	-	26	-	8	4	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sourhope	9 9	221	17.8	8.0	12.9	-0.7	23.2	31	3.4	11	-	-	30	-	9	7	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(see Introduction)																																	
6a SCOTLAND W																																	
Argyll																																	
Tiree	21-9	9	14.6	10.2	12.4	-1.4	17.1	26	6.4	5	-	-	66	72	13	3	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	2.71	51
Port Ellen	9 9	18	15.1	9.7	12.4	-	18.3	26	4.9	15	-	-	62	-	13	16	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rhuvaal	21-9	20	15.0	10.2	12.6	-	19.2	13	7.7	11	-	-	80	67	19	3	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Colonsay	9 9	30	15.1	10.2	12.7	-1.4	19.0	13	7.0	10	-	-	76	68	18	3	20	11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aros	9 9	37	16.2	8.6	12.4	-	20.7	13	3.9	15	-	-	100	-	28	16	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machrihanish	21-9	10	15.7	10.5	13.1	-	19.1	13	6.2	11	-	-	53	56	15	7	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campbeltown	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Polloch	9 9	15	16.1	8.8	12.5	-	21.1	29	3.0	15	-	-	147	-	34	16	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Knapdale Forest	9 9	40	15.9	8.9	12.4	-	20.0	13	3.7	16	-	-	111	-	21	16	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dunstaffnage	9 9	3	16.1	10.1	13.1	-	19.3	29	4.6	15	-	-	75	-	21	16	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glenbranter	9 9	24	16.6	8.9	12.7	-	20.5	13,25	3.6	26	-	-	99	-	35	16	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Etive	9 9	24	16.9	8.9	12.9	-	21.5	13	2.7	28	-	-	135	-	46	16	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Benmore Younger	9 9	12	16.9	9.5	13.2	-	21.0	13	4.2	11	-	-	109	60	29	16	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botanic Gardens	9 9	12	16.9	9.5	13.2	-	21.0	13	4.2	11	-	-	109	60	29	16	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bute																																	
Kildonan	21-9	18	16.7	10.8	13.7	-	19.5	31	8.0	11,15	-	-	53	-	18	7	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5.39
Brodick Castle	9 9	15	17.2	9.8	13.5	-	20.3	14	4.9	15	15.4	-	91	66	27	7	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothsay	9 9	43	16.8	9.7	13.3	-1.0	21.0	31	5.0	11	13.8	13.1	70	57	13	3,7	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dunbarton																																	
Finnart	9 9	15	-	10.4	-	-	-	-	7.0	11	-	-	81	-	19	16	13	9	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-
Helensburgh	9 9	89	16.2	9.5	12.9	-1.4	19.5	31	6.3	11	-	-	70	56	14	16	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sloy	21-9	12	17.0	9.9	13.5	-	20.1	31	6.0	13	-	-	124	-	31	16	12	11	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arrochymore	9 9	37	17.3	9.5	13.4	-	20.7	31	5.6	22	-	-	61	-	13	16	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumbernauld	9 9	94	17.3	8.6	12.9	-	20.5	31	3.6	11	-	-	46	-	14	7	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stirling																																	
Earls Hill	21-9	335	15.6	8.1	11.9	-	19.0	31	4.2	11	-	-	60	-	16	7	14	9	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Stirling Batterflats	9 9	38	19.1	8.8	13.9	-	22.2	22,31	3.1	11	16.0	15.0	38	-	11	7	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkhead	9 9	107	18.5	9.1	13.8	-	21.7	14	4.9	11	16.0	-	39	-	9	7	10	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Falkirk Sewage Works	9 9	3	18.1	9.6	13.9	-	21.9	27	5.7	11	-	-	38	-	9	7	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grangemouth	9 9	4	18.5	10.4	14.5	-	22.5	1	6.4	11	-	-	36	-	10	7	11	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Renfrew																																	
Greenock	9 9	61	16.4	10.4	13.4	-1.4	19.5	13	7.3	19	-	-	54	46	15	16	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paisley	9 9	32	18.3	10.6	14.5	-0.8	21.5	13,31	7.2	15	14.7	13.7	49	53	15	7	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barrhead	9 9	30	17.5	9.4	13.5	-	21.4	13	5.5	11	-	-	42	44	14	7	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abbotsinch	21-9	5	17.7	9.3	13.5	-1.3	21.2	13	4.5	15	-	-	40	47	13	7	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lanark																																	
Crossmyloof	9 9	23	-	9.7	-	-	-	-	5.5	27	-	-	43	-	(14)	7	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Kilbride	9 9	178	16.4	8.5	12.5	-	20.3	13,31	4.6	15	-	-	50	-	13	7	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glasgow, Springburn	9 9	107	17.1	9.7	13.4	-1.2	21.1	31	6.4	11	-	-	49	52	13	7	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coatbridge	9 9	78	17.7	9.3	13.5	-0.9	22.0	31	5.2	11	-	-	39	44	11	7	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leadhills	9 9	387	16.3	7.4	11.9	-0.7	20.6	13	1.4	19	-	-	83	61	17	8	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crawfordjohn	9 9	274	15.7	7.5	11.6	-	19.5	25,31	0.8	31	14.0	-	46	-	9	7	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lanark	9 9	152	17.1	9.0	13.1	-	20.4	13	4.7	11	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Carnwath	9 9	208	16.9	6.6	11.7	-1.3	20.6	31	0.3	31	13.8	-	41	49	14	8	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camps Reservoir	9 9	295	15.4	7.3	11.3	-	19.5	25	1.5	19	-	-	53	49	16	8	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ayr																																	
Girvan	9 9	8	16.8	11.2	14.0	-	19.6	28	7.9	21	-	-	31	-	7	3	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hunterston	9 9	8	17.1	10.6	13.9	-	20.5	29	7.4	15	-	-	56	-	10	3	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barr	9 9	122	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Troon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Auchincruive	9 9	45	16.6	9.8	13.2	-1.3	20.2	26	4.4	15	14.6	13.6	34																				



Table 3 Summary of daily observations

August 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount	most in a day		precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date					(mm)	date																
6b ISLE OF MAN																																
Isle of Man																																
Ronaldsway	21-9	16	16.8	11.1	13.9	-	20.0	22	4.9	11	-	-	19	25	10	7	10	3	0	0	0	0	0	0	0	0	0	0	0	6.24	-	-
Douglas	9 9	87	16.2	11.2	13.7	-0.9	19.3	19	7.8	11	-	-	32	33	16	7	9	5	0	0	0	0	0	1	0	0	-	0	6.42	110	-	
Point of Ayre	21-9	9	17.1	11.5	14.3	-	20.2	7	6.9	11	-	-	23	35	7	8	10	6	0	0	0	0	0	1	0	-	0	5.85	-	-		
2 ENGLAND NE																																
Northumberland																																
Kielder Castle	9 9	201	17.1	7.4	12.3	-	21.3	21	0.6	11	15.0	-	63	54	15	8	11	8	0	0	0	0	0	1	1	0	-	0	-	-	-	
Haydon Bridge	9 9	79	18.2	9.3	13.7	-	22.6	31	3.4	11	15.7	15.3	15	-	5	8	7	5	0	0	0	0	0	0	0	0	-	0	-	-	-	
Corbridge	9 9	49	18.2	9.2	13.7	-	22.2	31	2.5	11	-	-	13	-	5	7	6	6	0	0	0	0	0	0	0	0	-	0	-	-	-	
Berwick-on-Tweed	9 9	23	16.8	10.0	13.4	-0.8	21.5	19	5.5	11	-	-	25	36	8	7	8	6	0	0	0	0	0	1	1	0	0	5.66	113	-		
Acklington	21-9	42	17.6	9.4	13.5	-0.6	22.0	24	3.9	10	-	-	17	24	9	7	7	4	0	0	0	0	0	0	0	1	0	5.92	-	-		
Tynemouth	21-9	29	17.6	12.0	14.8	-0.1	21.0	14	7.9	10	-	-	18	23	6	7	9	4	0	0	0	0	0	0	0	0	-	6.24	132	-		
Seahouses	21-9	11	16.9	9.9	13.4	-	21.7	19	5.4	11	-	-	27	-	10	7	8	5	0	0	0	0	0	0	0	0	-	6.05	-	-		
Durham																																
Chopwellwood	9 9	136	17.9	9.9	13.9	-0.8	21.0	14,22,31	6.0	10,11	-	-	31	40	15	6	9	6	0	0	0	0	0	1	0	0	-	0	-	-	-	
Durham	9 9	102	18.8	10.1	14.5	-0.4	23.7	24	5.8	19	15.2	14.2	15	21	6	7	6	6	-	0	-	-	-	0	0	0	-	5.45	115	-	-	
Hartburn Grange	9 9	31	18.7	9.1	13.9	-	23.9	24	3.1	11	-	-	17	-	7	6	6	5	0	0	0	0	0	1	0	0	-	5.63	-	-	-	
Hartlepool	9 9	9	18.7	11.7	15.7	-	24.3	24	6.8	11	-	-	14	20	7	6	7	4	0	0	0	0	0	0	0	-	0	6.21	-	-	-	
Yorkshire N Riding																																
Leeming	21-9	32	19.6	10.0	14.8	-	23.4	14	5.7	11,22	-	-	33	49	17	1	6	4	0	0	0	0	0	0	0	0	0	5.59	-	-	-	
Marton	9 9	46	19.2	10.5	14.8	-	24.5	24	5.8	11	15.7	14.3	15	-	7	6	8	5	0	0	0	0	0	0	0	0	-	5.26	-	-	-	
York (Heslington)	9 9	20	19.6	10.5	15.0	-	23.2	23	4.8	23	16.2	15.6	18	-	4	6,8	10	6	0	0	0	0	0	1	0	0	-	6.07	-	-	-	
Pickering	9 9	44	19.5	9.0	14.3	-	23.9	14	2.5	10	-	-	17	-	5	6	10	5	0	0	0	0	0	0	0	0	-	0	-	-	-	
Scarborough	9 9	53	17.9	11.3	14.6	-	23.6	23	8.0	11,18	16.0	14.7	13	-	3	6	10	6	0	0	0	0	0	0	0	0	0	6.23	121	-	-	
Silpho Moor	9 9	203	17.1	9.8	13.5	-	22.6	23	5.7	10	14.0	-	32	36	6	2	12	8	0	0	0	0	0	1	0	0	-	5.90	-	-	-	
Whitby Coastguard	21-9	60	17.1	10.3	13.7	-	21.1	8	6.1	10	-	-	10	-	3	7	7	4	0	0	0	0	0	1	0	0	0	-	-	-	-	
Yorkshire E Riding																																
High Mowthorpe	9 9	175	17.9	9.8	13.9	-	22.9	23	5.0	11	14.4	-	15	20	4	7	7	6	0	0	0	0	0	0	0	0	-	6.02	-	-	-	
Hull	9 9	2	19.9	11.6	15.7	-0.8	24.9	23	7.6	10,11	16.3	14.6	23	35	13	6	7	5	0	0	0	0	0	0	0	0	-	6.19	118	-	-	
Filey	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bridlington	9 9	48	17.6	10.1	13.9	-1.0	24.0	23	5.0	10,19	-	-	22	33	13	6	7	5	0	0	0	0	0	1	0	0	-	6.30	115	-	-	
Kilnsea	21-9	12	17.4	11.8	14.6	-	21.5	8,9	7.8	11	-	-	15	-	6	10	9	5	0	0	0	0	0	1	1	0	-	6.73	-	-	-	
Lincoln																																
Waddington	21-9	68	19.6	10.8	15.2	-0.9	24.0	23	7.1	11	-	-	18	-	5	6	9	7	0	0	0	0	0	0	1	0	0	0	6.34	108	-	-
Lincoln	9 9	7	20.1	9.9	15.0	-0.9	24.8	23	3.4	19	16.6	15.3	18	31	4	6	8	7	0	0	0	0	0	1	0	0	-	6.20	-	-	-	
Cranwell	9 9	62	19.7	10.2	14.9	-1.1	23.9	23	6.2	11	16.9	16.2	12	23	4	6	7	4	0	0	0	0	0	0	0	0	0	6.03	107	-	-	
Brigg	9 9	3	20.0	10.3	15.1	-	24.0	23	5.5	19	-	-	18	-	6	6	8	6	0	0	0	0	0	0	1	-	0	-	-	-	-	
Binbrook	21-9	108	18.3	10.7	14.5	-	23.4	23	6.6	10,19	-	-	16	-	4	10	10	6	0	0	0	0	2	0	0	0	0	6.14	-	-	-	
Cleethorpes	9 9	7	19.4	10.5	14.9	-1.3	23.1	8	5.6	18	-	-	12	23	7	11	4	4	-	0	-	-	0	0	0	-	6.58	117	-	-		
Manby	21-9	17	19.2	10.8	15.0	-	25.2	23	5.6	10	14.7	-	15	26	5	6	9	6	0	0	0	0	2	0	0	0	0	6.15	-	-	-	
Skegness	9 9	5	19.1	11.7	15.4	-1.2	26.0	23	7.5	11,18	-	-	15	29	6	6	8	4	0	0	0	0	0	0	0	0	-	6.83	120	-	-	
3 ENGLAND E																																
Norfolk																																
Terrington St Clement	9 9	3	20.9	10.3	15.6	-0.7	25.1	23	4.8	10	15.7	-	20	-	11	4	6	4	0	0	0	0	0	0	0	1	-	6.22	109	-	-	
Marham	21-9	23	20.3	10.6	15.5	-	24.4	23	4.5	23	-	-	27	-	15	1	7	4	0	0	0	0	1	0	0	0	0	-	-	-	-	
Santon Downham	9 9	24	-	7.8	-	-	-	-	-0.5	23	15.8	15.0	49	78	42	1	8	3	-	-	-	-	-	-	1	4	-	5.90	-	-	-	
East Dereham	9 9	53	21.0	10.6	15.8	-	25.7	14	4.8	12	-	-	68	-	60	1	7	3	-	0	-	-	-	0	0	0	-	-	-	-	-	
Morley St Botolph	9 9	48	20.5	10.0	15.3	-	23.5	14	4.0	23	16.4	-	26	-	23	1	6	2	0	0	0	0	1	0	0	0	-	6.20	-	-	-	
Cromer	9 9	54	18.2	12.3	15.3	-1.1	23.5	7	9.5	4,10,23	-	-	19	35	11	1	6	6	0	0	0	0	0	1	0	0	-	1	-	-	-	
Scole	9 9	30	20.7	10.6	15.7	-	24.1	14	4.0	23	16.5	16.3	41	-	22	1	6	4	0	0	0	0	1	0	0	0	-	5.94	-	-	-	
Coltishall	21-9	17	19.8	11.3	15.5	-	24.2	7	3.9	23	-	-	15	-	5	4	8	4	0	0	0	0	1	0	0	0	0	0	-	-	-	
Gorleston	21-9	4	19.4	12.7	16.0	-0.5	23.1	7,8	8.4	19	16.9	15.5	7	13	2	6	8	2	0	0	0	0	0	0	0	0	0	6.61	107	-	-	
Suffolk																																
Brooms Barn	9 9	75	20.5	10.8	15.7	-	23.9	14	6.8	23	16.9	16.1	26	-	25	1	4	1	0	0	0	0	0	1	0	0	-	6.22	-	-	-	
Honington	21-9	51	20.5	10.7	15.6	-	23.5	23	4.9	23	-	-	24	-	19	1	8	2	0	0	0	0	1	0	0	0	-	0	-	-	-	
East Bergholt	9 9	4	22.0	9.3	15.7	-	25.2	25	3.5	23	-	-	15	29	7	1	6	5	-	0	-	-	-	0	0	2	-	-	-	-	-	
Wattisham	21-9	89	20.2	10.5	15.3	-	23.4	14	6.4	19	-	-	22	40	14	1	9	4	0	0	0	0	1	0	0	0	0	6.65	-	-	-	
Aldeburgh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.08	-	-	-	-	
Lowestoft	9 9	25	19.4	12.2	15.8	-0.7	22.9	17	7.4	23	16.4	15.4	2	4	1	19	5	0	0	0	0	0	0	0	0	0	0	6.47	107	-	-	
Cambridge																																
Boxworth	9 9	44	20.6	10.5	15.5	-	24.0	23	5.9	11	-	-	26	59	15	1	6	4	0	0	0	0	0	0	0	0	-	5.91	-	-	-	
Mepal	9 9	1	21.0	9.5	15.3	-	24.4	23	3.5	23	16.3	14.1	19	-	8	1	7	4	0	0	0	0	0	0	0	0	-	5.12	-	-	-	
March	9 9	2	21.1	10.2	15.7	-	24.9	23	6.5	11	-	-	42	87	26	1	6	3	-	0	-	-	-	-	-	0	-	-	-	-	-	
Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Botanic Gardens	9 9	12	21.1	10.8	15.9	-0.8	22.8	12	6.0	11,19	16.7	15.7	35	73	27	1	2	2	0	0	0	0	0	0	0	0	-	0</				



Table 3 Summary of daily observations

August 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max	date	min	date					amount (mm)	date																
3 ENGLAND E — continued																																
Essex																																
Little Parndon	9 9	54	20.5	10.6	15.5	-	23.5	25	5.5	23	-	-	23	6	16	1	3	3	0	0	0	0	0	0	0	0	0	0	5.88	-	-	
Harlow	9 9	79	20.9	11.0	15.9	-	25.1	14	6.8	19	-	15.2	6	2	1	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Stansted	21-9	101	20.3	11.1	15.7	-0.4	23.9	14	7.1	19	-	-	23	43	19	1	4	2	0	0	0	0	1	1	0	0	0	0	0	0	0	
Writtle	9 9	32	20.6	10.2	15.4	-	24.0	25	4.0	23	16.3	-	13	25	9	1	6	2	0	0	0	0	1	1	0	0	1	0	5.70	-	-	
Southend	9 9	2	20.1	12.6	16.3	-	22.6	16	8.7	19	-	-	13	-	8	1	4	3	0	0	0	0	0	0	0	0	0	0	6.36	-	-	
Maldon	9 9	4	21.2	11.8	16.5	-	24.4	13	7.7	19	-	-	-	-	-	-	-	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
Earls Colne	9 9	49	21.3	10.3	15.8	-	24.7	25	4.0	23	16.4	15.5	7	14	4	1	4	2	-	0	0	0	0	0	0	0	0	0	0	0	0	
Shoeburyness	21-9	2	20.0	11.9	16.0	-1.3	23.1	16	7.2	19	-	-	22	46	17	1	4	3	0	0	0	0	1	0	0	0	0	0	6.53	103	-	
Clacton-on-Sea	9 9	16	19.6	12.5	16.0	-1.0	21.6	13	7.5	19	16.9	15.8	7	16	3	2	4	4	0	0	0	0	0	0	0	0	0	0	6.58	102	-	
Walton-on-Naze	21-9	5	19.5	12.8	16.1	-	22.1	17	7.1	19	-	-	6	-	4	2	4	2	0	0	0	0	0	0	0	0	0	0	6.92	-	-	
Dovercourt	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 MIDLAND COUNTIES																																
Yorkshire W Riding																																
Slaidburn	9 9	192	17.3	9.5	13.4	-	21.8	13	4.6	21	-	-	59	40	15	6	11	9	0	0	0	0	0	0	0	0	0	0	5.36	-	-	
Malham Tarn	9 9	395	(15.5)	(8.6)	(12.1)	-	(20.5)	14	5.3	11	13.8	-	64	45	18	6	10	9	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Huddersfield	9 9	99	19.0	11.2	15.1	-	23.4	14	7.4	11,19	16.4	15.2	35	51	9	2	10	10	-	0	0	0	0	0	0	0	0	0	5.10	112	-	
Huddersfield Oakes	21-9	232	18.6	10.2	14.4	-0.8	22.6	13	6.0	10	15.2	11.7	36	44	9	6	11	9	0	0	0	0	2	1	0	0	0	0	4.64	97	-	
Bradford	9 9	134	18.2	10.6	14.4	-0.8	21.2	13	5.5	19	15.3	14.5	31	41	10	7	8	7	0	0	0	0	0	0	0	0	0	0	5.42	111	S	
Ilkley	9 9	83	17.9	9.9	13.9	-	22.5	14	5.0	10	-	-	37	43	15	1	9	7	0	0	0	0	0	0	0	0	0	0	5.97	-	-	
Sheffield	9 9	131	19.3	11.5	15.4	-0.6	23.3	14	7.8	10	16.2	15.0	61	86	40	1	12	7	0	0	0	0	1	0	0	0	0	0	5.83	121	-	
Pontefract	9 9	78	18.9	10.7	14.8	-0.7	22.4	14	6.9	10	-	-	22	35	5	7	10	7	0	0	0	0	1	0	0	0	0	0	0	0	0	0
Bramham	9 9	54	19.1	9.7	14.4	-	22.4	14	5.0	11	-	-	32	45	11	1	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cawood	9 9	6	19.7	9.3	14.5	-	24.0	14	4.5	11	15.7	15.4	29	45	12	1	8	6	0	0	0	0	2	0	0	0	0	0	5.70	-	-	
Askham Bryan	9 9	34	19.9	10.0	14.9	-	23.7	14	5.9	10	-	-	30	44	7	8	7	6	0	0	0	0	1	1	0	0	0	0	6.14	127	-	
Derby																																
Buxton	9 9	314	16.6	9.8	13.2	-0.8	20.3	13	6.4	10	14.8	15.2	67	64	13	7	13	12	0	0	0	0	0	1	0	0	0	0	5.74	125	S	
Mackworth	9 9	89	(18.9)	9.3	(14.1)	-	22.5	14	4.0	11	-	-	41	-	16	1	11	8	-	0	0	0	0	0	0	0	0	0	0	0	0	0
Ashover	9 9	186	18.7	10.3	14.5	-	23.2	14	5.0	10	-	-	89	-	41	1	11	8	0	0	0	0	1	0	1	0	0	0	6.02	-	-	
Derby	9 9	48	20.3	10.8	15.5	-	24.5	14	6.2	10	-	-	33	50	12	1	10	7	0	0	0	0	0	0	0	0	0	0	5.64	-	-	
Morley	9 9	107	19.9	-	-	-	25.5	14	-	-	-	-	30	43	10	1	8	6	0	0	0	0	0	0	0	0	0	0	6.04	-	-	
Wingerworth	9 9	126	18.7	9.6	14.1	-	22.5	14	3.5	10	16.1	-	84	-	41	10	11	8	0	0	0	0	1	0	0	0	0	0	6.07	-	-	
Nottingham																																
Sutton Bonington	9 9	48	19.6	10.2	14.9	-1.0	23.9	14	5.5	11	15.7	14.7	26	47	9	1	8	7	0	0	0	0	0	0	0	0	0	0	5.58	110	-	
Watnall	21-9	117	19.5	10.6	15.1	-0.7	22.9	14	6.7	11	-	-	25	38	6	7	8	7	0	0	0	0	1	0	0	0	0	0	5.56	110	-	
Mansfield	9 9	114	-	10.9	-	-	-	-	7.5	10,11,19	16.3	-	37	59	15	1	8	7	0	-	0	0	0	0	0	0	0	0	0	0	0	0
Nottingham	9 9	59	19.8	11.5	15.7	-0.7	23.7	23	6.9	11	(16.4)	15.7	28	46	7	1	9	8	0	0	0	0	0	0	0	0	0	0	5.75	119	-	
Warsop	9 9	46	20.2	8.9	14.5	-	24.5	14,23	3.9	10	-	-	25	44	5	4	9	8	-	0	0	0	0	0	0	1	0	0	5.64	-	-	
Finningley	21-9	10	20.4	10.4	15.4	-	24.2	23	4.7	10	-	-	24	43	12	6	9	7	0	0	0	0	1	1	0	0	0	0	6.08	-	-	
Leicester																																
Newtown Linford	9 9	119	19.6	9.9	14.7	-	23.5	14	5.5	12	-	-	32	50	9	1	9	8	0	0	0	0	0	0	0	0	0	0	5.18	-	-	
Caldecott	9 9	52	20.3	9.7	15.0	-	24.7	23	3.8	10	-	-	21	37	6	4	7	4	-	0	0	0	0	0	0	0	0	0	5.70	-	-	
Northampton																																
Bugbrooke Mills	9 9	69	(20.3)	9.8	(15.1)	-	23.3	23	4.3	12	15.1	14.5	26	49	12	6	6	4	-	0	0	0	0	0	0	0	0	0	4.94	-	-	
Raunds	9 9	59	20.6	10.2	15.4	-0.9	24.0	23	4.6	23	16.6	14.8	15	29	6	4	8	4	0	0	0	0	1	0	0	0	0	0	4.93	94	-	
Wittering	9 9	73	19.9	10.8	15.3	-	23.8	23	6.5	10,11	-	-	16	30	6	6	7	4	0	0	0	0	0	1	1	0	0	0	5.52	-	-	
Warwick																																



Table 3 Summary of daily observations

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)												bright sunshine					
			means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date					0.2 mm or more	1.0 mm or more																
4 MIDLAND COUNTIES—continued																																
Hereford																																
Hereford	9 9	52	20.8	10.5	15.7	-	25.4	23	3.3	11	17.4	16.3	27	5	1	8	7	0	0	0	0	1	0	0	0	4	0	0	6.46	-	-	
Sewage Works	9 9	155	19.5	10.3	14.9	-0.5	23.8	23	4.5	11	-	-	29	40	10	7	10	7	0	0	0	0	0	0	0	1	0	0	5.81	105	-	
Lyonsall	21-9	68	20.6	10.8	15.7	-0.5	24.7	14	3.1	11	16.5	15.7	23	37	5	7	9	6	0	0	0	0	1	0	0	0	0	0	5.80	-	-	
Ross-on-Wye	9 9	84	19.9	8.7	14.3	-	23.8	23	1.0	11	-	-	37	6.5	10	1	10	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
Preston Wynne	9 9	84	19.9	8.7	14.3	-	23.8	23	1.0	11	-	-	37	6.5	10	1	10	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
Gloucester																																
Filton	21-9	59	20.4	11.7	16.1	-0.4	24.0	14	4.4	11	-	-	25	33	8	7	8	6	0	0	0	0	1	0	0	2	0	0	6.50	-	-	
Hempsted	9 9	12	20.7	10.7	15.7	-	24.8	14	3.6	11	16.9	15.6	37	54	11	5	7	5	0	0	0	0	0	0	0	1	0	0	5.85	-	-	
Gloucester	21-9	24	21.1	12.1	16.6	-	25.3	23	5.9	11	-	-	44	15	1	7	5	0	0	0	1	0	1	0	0	0	0	0	6.05	-	-	
Cheltenham	9 9	65	20.6	11.9	16.3	-0.5	24.5	14	5.8	10	-	-	28	48	8	7	7	5	0	0	0	0	1	0	0	0	0	0	6.22	-	-	
Cirencester	9 9	135	20.4	10.1	15.3	-	23.9	14	4.3	10	-	-	28	36	19	6	8	4	0	0	0	0	1	1	0	0	0	0	-	-	-	
Little Rissington	21-9	226	(18.9)	10.7	(14.8)	-	22.3	14	6.7	12	-	-	27	41	12	6	9	7	0	0	0	0	0	1	0	0	0	0	5.56	-	-	
5 ENGLAND SE																																
Greater London																																
Kensington Palace	9 9	25	21.5	12.6	17.1	-0.7	25.1	14	9.4	11	17.3	16.4	23	39	18	1	5	4	0	0	0	0	1	1	0	0	0	0	-	-	-	
Hampstead	9 9	137	20.5	11.5	16.0	-0.5	24.8	14	7.9	11	-	-	20	32	15	1	5	3	0	0	0	0	1	-	0	0	0	0	5.98	103	S	
St James Park	9 9	4	21.4	13.0	17.2	-0.7	25.0	25	9.8	19	-	-	16	29	10	1	5	3	-	-	-	-	-	-	-	-	-	-	6.32	111	-	
London Weather Centre	9 9	7	21.3	12.4	16.9	-	24.5	14	7.2	23	-	-	13	23	9	1	7	3	0	0	0	0	1	0	0	0	0	0	6.05	108	-	
Greenwich	21-9	25	21.8	12.1	16.9	-0.4	25.6	14	8.2	11	-	-	15	30	10	1	6	4	0	0	0	0	1	0	0	0	0	0	6.13	-	-	
Heathrow	9 9	12	21.2	12.3	16.7	-	25.2	14	8.7	11	-	-	9	18	5	1	6	3	0	0	0	0	1	0	0	0	0	0	6.28	-	-	
Hampton	9 9	12	21.2	12.3	16.7	-	25.2	14	8.7	11	-	-	9	18	5	1	6	3	0	0	0	0	1	0	0	0	0	0	5.15	-	-	
Wealdstone	9 9	67	21.2	11.8	16.5	-	25.0	14.24	7.8	11	16.3	-	17	31	14	1	5	3	0	0	0	0	0	1	0	0	0	0	6.39	-	-	
Southgate	9 9	67	21.2	11.8	16.5	-	25.0	14.24	7.8	11	16.3	-	17	31	14	1	5	3	0	0	0	0	0	1	0	0	0	0	6.39	-	-	
Kew	21-9	5	21.2	10.8	16.0	-	24.8	14	5.3	11	16.1	15.0	11	19	6	1	6	4	0	0	0	0	1	0	0	2	0	0	6.64	109	-	
psychrometer screen	9 9	5	21.2	10.8	16.0	-	24.8	14	5.3	11	16.1	15.0	11	19	6	1	6	4	0	0	0	0	1	0	0	2	0	0	6.64	109	-	
Waddon	9 9	59	20.8	11.6	16.2	-0.9	24.5	14	7.0	11	-	-	36	59	33	1	6	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington	9 9	144	20.3	11.1	15.7	-0.9	24.0	25	7.5	11,19	-	-	32	49	27	1	7	3	-	-	-	-	-	0	0	-	-	-	-	-	-	
Bromley	9 9	65	(21.1)	12.2	(16.7)	(-0.5)	27.0	24	8.0	12	-	-	48	87	45	1	5	2	-	0	-	-	-	0	0	-	-	-	-	-	-	
Surrey																																
Gatwick	21-9	59	20.9	10.0	15.5	-1.0	24.6	25	5.7	22	-	-	31	47	24	1	6	3	0	0	1	0	1	1	0	0	0	0	6.35	-	-	
Witley	9 9	35	21.3	(10.4)	(15.9)	(-0.7)	25.1	14	5.2	11	16.6	15.5	11	-	6	1	6	3	0	0	0	0	1	6	0	0	0	0	5.63	-	-	
Mickleham	9 9	55	20.8	9.2	15.0	-	24.3	14.15	3.5	19	17.0	15.9	15	25	10	1	5	2	0	0	0	0	1	0	0	0	0	0	1	-	-	
Kent																																
Hadlow College	9 9	30	20.6	10.1	15.3	-	23.9	25	4.2	12	16.0	14.8	15	-	9	12	6	2	0	0	0	0	1	1	0	0	0	0	5.57	-	-	
Gillingham	9 9	4	21.3	12.5	16.9	-	24.5	16	7.6	12	-	-	7	13	4	12	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham	21-9	29	20.6	10.0	15.3	-	23.7	25	4.3	19	-	-	18	-	11	1	5	2	0	0	0	0	1	1	0	1	0	0	6.33	-	-	
Dungeness	9 9	3	18.9	12.1	15.5	-1.2	20.5	7.31	6.1	19	-	-	17	33	7	1	9	4	0	0	0	0	1	0	0	0	0	0	-	-	-	
Whitstable	9 9	3	19.9	12.6	16.3	-	22.9	6	8.2	25	-	-	19	39	11	1	6	5	0	0	0	0	2	0	0	0	0	0	6.25	-	-	
Folkestone	9 9	31	19.1	11.9	15.5	-	21.2	31	7.6	10	-	16.7	37	-	21	1	6	4	0	0	0	0	2	0	0	0	0	0	1	7.14	-	
Elmstone	9 9	5	20.0	10.5	15.3	-	22.7	20	5.2	23	-	-	17	-	14	1	6	2	-	-	-	-	-	0	0	0	0	0	-	-	-	
Herne Bay	9 9	31	19.7	11.9	15.8	-	23.2	6	9.0	10,22,25	17.2	-	16	-	10	1	5	3	0	0	0	0	0	0	0	0	0	0	0	7.33	-	-
Dover	9 9	6	19.4	13.4	16.4	-0.6	21.8	31	9.3	19	17.5	16.6	59	104	29	1	5	5	0	0	0	0	2	0	0	0	0	0	0	7.36	-	-
Manston	21-9	44	19.7	12.5	16.1	-	23.7	6	8.2	25	-	-	34	69	16	2	5	3	0	0	0	0	2	0	0	0	0	0	0	-	-	
Margate	9 9	16	19.3	14.0	16.7	-0.8	23.3	6	11.0	17	17.2	16.1	22	-	13	2	5	3	0	0	0	0	1	0	0	0	0	0	7.07	103	-	
Goudhurst	9 9	85	20.2	10.1	15.1	-	23.0	24	5.5	23	-	-	29	41	17	1	7	3	0	0	0	0	0	0	0	1	0	0	-	-	-	
East Malling	9 9	37	20.6	10.9	15.7	-0.7	23.7	25	5.1	12	16.0	15.9	33	57	26	1	5	2	0	0	1	0	1	0	0	0	0	0	6.08	100	-	
Throwley	9 9	150	19.4	9.9	14.7	-	21.9	25	6.1	9	16.1	15.1	27	42	15	1	7	4	0	0	0	0	2	0	0	0	0	0	1	5.65	-	-
Faversham	9 9	48	19.8	10.7	15.3	-	22.8	16	5.4	12	16.3	16.0	37	-	17	1	7	6	0	0	0	0	1	0	0	0	0	0	5.89	-	-	
Wye	9 9	56	19.6	10.2	14.9	-1.7	22.3	16	5.4	22	16.0	15.3	22	34	15	1	6	4	0	0	0	0	1	0	0	0	0	0	1	6.26	99	-
Sussex																																
Thorney Island	21-9	3	20.8	11.7	16.3	-	24.6	31	7.6	12	-	-	10	19	5	6	5	3	0	0	0	0	1	0	0	0	0	0	0	6.94	-	-
Rogate	9 9	64	21.0	10.0	15.5	-	25.0	25	5.0	12	16.9	-	21	-	9	6	6	5	0	0	0	0	0	1	0	1	0	0	-	-	-	
Bognor Regis	9 9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fernhurst	9 9	57	20.9	9.5	15.2	-	25.0	25	3.8	12	16.9	-	17	24	8	6	5	4	0	-	0	0	0	-	0	0	-	0	6.43	-	-	
Littlehampton	9 9	5	20.2	12.0	16.1	-0.7	24.5	14	8.0	11	-	16.2	13	23	7	1	5	4	0	0	0	0	1	0	0	0	0	0	0	7.19	105	-
North Heath	9 9	21	21.7	9.9	15.8	-	25.8	14	3.7	12	16.7	15.5	14	-	7	1	5	4	0	0	0	0	0	0	0	0	0	0	6.08	-	-	
Worthing	9 9	2	20.0	12.1	16.1	-	24.2	14.15	8.4	23	17.0	-	39	-	33	1	5	4	0	0	0	0	1	0	0	0	0	0	6.99	99	-	
Brighton	9 9	10	19.2	13.1	16.1	-	23.4	14	9.2	19	-	16.8	27	47	17	1	7	3	0	0	0	0	1	0	0	0	0	0	1	7.10	105	-
Plumpton	9 9	76	19.9	11.0	15.5	-	23.0	24	7.0	23	-	-	20	-	4	7	12	7	6	-	0	-	-	4	0	0	0	0	-			



Table 3 Summary of daily observations

August 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date																							
5 ENGLAND SE—continued																																	
Hampshire—continued																																	
Alice Holt Lodge	9 9	115	20.3	10.4	15.3	-	24.0	25	6.3	23	-	-	19	31	10	1	6	4	0	0	0	0	1	0	0	0	0	0	6.16	-	S		
South Farnborough	9 9	69	21.1	10.7	15.9	-0.8	24.8	14	5.8	19	-	-	11	19	4	6	7	3	0	0	0	0	1	0	0	0	0	0	6.48	108	-		
Isle of Wight																																	
St Catharines Point	9 9	16	18.7	12.9	15.8	-0.8	21.5	15	9.0	19	-	-	28	52	16	1	6	6	0	0	0	0	1	0	0	0	0	0	-	-	-		
Ventnor	9 9	122	19.4	12.7	16.1	-0.8	22.5	21	8.4	19	17.0	15.8	25	41	9	1	6	5	0	0	0	0	1	0	0	0	0	0	7.86	113	-		
(see Introduction)																																	
Shanklin	9 9	55	19.8	11.8	15.8	-	23.3	15	7.6	12	-	-	23	34	8	6	6	6	0	0	0	0	0	0	0	0	0	0	7.95	-	-	-	
Sandown	9 9	4	20.5	12.8	16.7	-0.6	23.8	15	8.6	11	-	-	19	34	9	1	4	4	0	0	0	0	1	0	0	0	0	0	7.89	-	-	-	
Ryde	9 9	4	20.3	12.3	16.3	-1.1	23.6	24	8.4	12	-	-	10	17	5	6	4	3	0	0	0	0	0	0	0	0	0	0	7.31	103	-	-	
Wiltshire																																	
Lacock	9 9	49	20.3	9.6	14.9	-	24.3	14	2.2	11	-	-	25	38	10	6	7	7	0	0	0	0	0	0	1	0	0	0	-	-	-	-	
Lyneham	21-9	145	19.8	10.7	15.3	-0.6	23.7	14	5.4	19	-	-	21	33	10	6	7	7	0	0	0	0	0	1	0	1	0	0	6.58	-	-	-	
Larkhill	9 9	132	20.4	10.3	15.3	-0.6	24.1	14	5.8	12	-	-	28	49	15	6	8	5	0	0	0	0	0	0	0	2	0	0	-	-	-	-	
Boscombe Down	21-9	126	20.5	10.3	15.4	-0.7	24.3	14	5.3	19	-	-	27	46	13	6	7	4	0	0	0	0	0	0	0	1	0	0	6.94	117	-	-	
Upavon	21-9	176	20.4	10.5	15.5	-	24.3	20	5.6	19	-	-	26	41	16	6	7	3	0	0	0	0	1	2	0	0	0	0	-	-	-	-	
Porton	9 9	111	20.6	9.0	14.8	-1.1	24.1	14	3.7	19	15.6	-	20	33	9	6	7	4	0	0	0	0	1	0	3	0	-	6.53	106	-	-	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield	9 9	13	17.0	10.7	13.9	-	20.1	31	6.2	19	-	-	32	29	8	1	12	8	0	0	0	0	0	0	0	0	0	0	-	5.56	-	-	-
Bromfield	9 9	20	17.8	9.1	13.5	-	21.5	31	3.0	30	-	-	44	-	15	1	11	9	0	0	0	0	1	2	0	0	0	0	-	-	-	-	
Carlisle	21-9	26	18.0	9.6	13.8	-	22.6	31	3.6	19	-	-	37	-	10	1	11	9	0	0	0	0	1	2	0	0	0	0	-	5.39	-	-	-
Newton Rigg	9 9	171	(17.7)	(9.0)	(13.3)	(-1.0)	21.3	13	4.5	19	(15.7)	-	34	40	9	7	11	8	0	0	0	0	1	0	0	-	-	-	-	-	-	-	
Westmorland																																	
Great Dun Fell	21-9	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	3.54	-	-	-		
Moor House	9 9	556	14.1	6.6	10.3	-	17.5	13	1.4	31	11.7	-	97	50	22	6	11	9	0	0	0	0	1	0	8	-	-	5.22	-	-	-	-	
Lancashire																																	
Squires Gate	21-9	10	17.9	11.8	14.9	-0.8	22.8	13	6.5	30	-	-	43	48	16	1	9	6	0	0	0	0	0	0	0	0	0	0	1	5.06	88	-	-
Aigburth	9 9	14	18.4	12.1	15.3	-	22.9	13	8.0	11	-	-	28	-	7	1	9	7	0	0	0	0	0	0	0	0	0	0	0	4.65	-	-	-
Southport	9 9	5	17.8	11.0	14.4	-	22.7	13	6.3	31	15.6	13.6	32	37	12	1	9	6	0	0	0	0	1	0	0	-	-	5.16	-	-	-	-	
Cartmel	9 9	34	18.1	9.2	13.7	-	22.2	31	3.3	19	-	-	57	-	23	6	10	8	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
Grizedale	9 9	91	17.9	7.7	12.8	-	22.0	21	1.0	24	14.8	-	75	-	16	6	11	9	0	0	0	0	0	0	11	-	0	-	-	-	-	-	
Speke	21-9	22	18.9	11.6	15.3	-	23.2	31	7.0	11	-	-	27	33	6	7	10	7	0	0	0	0	1	0	0	0	0	0	4.84	-	-	-	
Kirkham	9 9	24	17.9	10.6	14.3	-	22.5	13	4.2	21	-	-	40	40	11	1	9	6	0	0	0	0	1	0	0	0	0	0	5.51	-	-	-	
Bailrigg	9 9	53	17.7	10.5	14.1	-	21.6	13	4.4	19	-	-	40	-	14	6	9	7	0	0	0	0	1	0	1	-	0	5.63	-	-	-	-	
Morecambe	9 9	7	18.2	12.0	15.1	-0.8	21.8	31	6.5	19	-	-	44	44	10	3	11	6	0	0	0	0	1	0	0	-	0	6.19	111	-	-	-	
Preston	9 9	33	18.2	11.2	14.7	-	22.6	13	5.3	21	-	-	50	47	25	6	10	8	0	0	0	0	1	0	0	0	0	0	-	-	-	-	
Bolton	9 9	107	17.9	9.7	13.8	-	22.1	13	3.8	11	14.9	14.2	43	-	10	6	12	8	0	0	0	0	0	0	0	-	0	5.07	-	-	-	-	
Stonyhurst	9 9	115	18.0	10.2	14.1	-1.0	23.4	13	4.8	19	-	-	45	36	22	6	8	8	0	0	0	0	0	0	0	-	-	5.39	109	-	-	-	
Manchester Weather Centre																																	
Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.84	-	-	-	-	
Helmshore	9 9	260	16.8	10.2	13.5	-	20.9	13	6.0	11	14.0	-	53	35	14	7	12	8	0	0	0	0	1	0	0	-	-	5.40	-	-	S	-	
Nelson	9 9	165	17.5	10.1	13.8	-	21.0	12,13,14	5.6	19	15.2	13.7	39	35	12	16	11	9	0	0	0	0	0	0	0	-	0	5.48	-	-	S	-	
Rochdale	9 9	110	18.1	10.5	14.3	-	23.0	13	5.2	21	-	-	39	34	8	4	11	8	0	0	0	0	0	0	0	-	0	5.27	-	-	-	-	
Cheshire																																	
West Kirby Park	9 9	8	19.0	12.3	15.7	-	22.7	13	7.4	11	-	-	34	44	17	1	10	5	0	0	0	0	0	0	0	-	0	5.01	-	-	-	-	
Ness Gardens	9 9	55	18.5	11.1	14.8	-	22.6	13	6.1	20	16.1	-	31	-	9	1	10	7	0	0	0	0	0	0	0	0	0	1	4.29	-	-	-	-
Winnington	9 9	20	19.4	11.7	15.5	-	23.0	25	6.2	11	-	-	29	37	8	6	12	8	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
Knutsford	9 9	65	19.3	10.4	14.9	-	23.8	25	5.4	11	16.7	15.8	50	58	19	6	13	10	0	0	0	0	-	0	0	-	0	-	-	-	-	-	
Ringway	21-9	75	18.6	11.6	15.1	-0.6	23.5	25	7.1	11,19	-	-	53	66	20	6	12	9	0	0	0	0	1	0	0	0	0	0	5.05	103	-	-	-
Macclesfield	9 9	152	18.0	11.1	14.5	-1.0	21.5	25	6.8	11	-	-	53	59	11	1	11	11	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl	9 9	9	17.4	11.6	14.5	-1.3	21.2	6	5.9	11	-	-	39	62	19	1	9	8	0	0	0	0	0	0	0	0	0	0	4.85	89	-	-	-
Prestatyn	9 9	1	17.6	12.0	14.8	-	20.9	6	8.2	11	-	-	35	50	16	1	11	7	0	0	0	0	0	0	0	-	0	5.05	97	-	-	-	
Hawarden Bridge	9 9	5	(19.4)	(11.3)	(15.3)	(-0.9)	22.9	13	4.3	11	-	-	34	50	9	1	12	8	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
Anglesey																																	
Valley	21-9	10	17.4	11.1	14.3	-1.2	21.6	31	6.5	25	-	-	29	39	9	7	8	5	0	0	0	0	0	0	0	0	0	1	6.35	107	-	-	-
Denbigh																																	
Colwyn Bay	9 9	24	17.6	11.7	14.7	-	21.2	6	7.7	11	15.9	-	27	-	13	1	9	5	0	0	0	0	0	0	0	-	0	6.60	120	-	-	-	
Alwen	9 9	335	16.3	7.5	11.9	-	20.8	25	1.5	10,11	-	-	90	-	39	1	13	11	-	-	-	-	-	-	-	-	-	0	-	-	-	-	
Ruthin	9 9	76	18.1	9.5	13.8	-	22.2	13	3.2	18	-	-	61	-	44	1	11	6	0	0	0	0	0	0	0	-	0	-	4.75	-	-	-	-
Loggerheads	9 9	210	17.1	9.3	13.2	-	20.7	6	3.9	31	14.6	14.0	40	-	17	1	11	9	0	0	0	0	0	0	0	-	0	5.25	-	-	S	-	
Bwlchgwyn	9 9	386	16.1	8.9	12.5	-	20.5	14	6.0	16,19	12.6	-	87	89	23	5	13	11	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
Wrexham	9 9	88	18.6	10.0	14.3	-	22.4	13	4.6	11	-	15.4	48	69	15	10	12	8	0	0	0	0	1	0	0	-	0	-	-	-	-	-	
Caernarvon																																	
Bardsey Island	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-																		



Table 3 Summary of daily observations

August 1972

District, county and place	max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure		
			max (a)	min (b)	daily mean (mean of a & b)	difference from 1931-50 average	max.	date	min.	date							0.2 mm or more	1.0 mm or more															
8a SOUTH WALES—continued																																	
Cardigan—continued																																	
Llety-evan-hen	9 9	290	15.6	10.0	12.8	-	20.4	25	6.6	19	-	-	66	50	21	3	12	10	0	0	0	0	0	2	0	0	-	0	5.14	110	-		
Cwmystwyth	9 9	301	16.8	8.3	12.5	-	23.8	6	2.1	11,19	-	-	80	-	17	3	13	11	-	0	0	0	0	0	0	0	-	0	4.87	-	-	S	
Pembroke																																	
Dale Fort	9 9	33	18.3	12.3	15.3	-	22.9	31	9.4	11	16.5	-	49	-	40	7	7	6	0	0	0	0	0	2	0	0	-	0	8.06	-	-	%	
Milford Haven	21-9	37	18.2	11.9	15.1	-	22.5	22	8.1	11	-	-	57	-	22	7	9	6	0	0	0	0	0	1	0	0	0	0	-	-	-	-	
Conservancy Board	9 9	61	-	-	-	-	-	-	-	-	-	-	66	-	27	7	6	6	0	0	0	0	0	-	-	-	-	0	-	-	-	-	
Orielton	9 9	8	17.8	10.3	14.1	-	21.9	31	3.0	22,23	-	-	62	-	23	7	9	6	0	0	0	0	0	-	-	-	0	5.31	-	-	-	-	
Haverfordwest	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carmarthen																																	
Carmarthen	9 9	15	19.5	10.4	14.9	-	23.0	23,30	4.5	11,19	16.4	15.7	84	72	30	7	8	7	0	0	0	0	0	0	0	0	0	0	7.00	-	-	-	
Esgairwen-Uchaf	9 9	332	16.3	9.6	12.9	-	20.4	25	5.4	11,19	-	-	86	-	29	7	14	10	0	0	0	0	0	5	0	1	-	0	-	-	-	-	
Brynamman	21-9	183	19.1	10.7	14.9	-	23.4	22	5.1	11	-	-	67	-	19	7	12	8	0	-	0	0	1	2	0	0	-	0	-	-	-	-	
Radnor																																	
Cenarth Mill	21-9	282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llandrindod Wells	9 9	235	19.0	9.2	14.1	-0.8	23.4	23	2.4	19	16.0	-	37	47	10	7	12	9	0	0	0	0	0	1	0	-	0	5.45	108	-	-	S	
Brecknock																																	
Llwynon	9 9	242	16.9	8.4	12.7	-	23.0	24	0.7	11	-	-	73	-	16	5	12	9	0	0	0	0	0	4	0	-	0	6.35	-	-	-	S	
Glamorgan																																	
Mumbles	21-9	36	19.3	12.5	15.9	-	24.3	22	8.2	11	-	-	-	-	-	-	-	-	0	0	0	0	1	1	0	0	0	0	-	-	-	-	
Penmaen	9 9	82	18.9	11.3	15.1	-	23.6	22	7.6	11,19	16.9	16.5	74	-	19	3	7	7	0	0	0	0	0	1	0	0	-	0	7.24	-	-	-	
Swansea	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Port Talbot	9 9	7	20.5	12.0	16.3	-	24.2	22	6.0	19	-	-	65	64	20	5	8	8	0	0	0	0	0	0	0	0	-	0	7.04	-	-	S	
Neath	9 9	62	19.6	11.7	15.7	-	23.6	14	5.5	11	-	-	75	67	23	7	9	7	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
Porthcawl	9 9	6	19.3	12.4	15.9	-	23.4	31	8.8	11	-	-	54	57	17	15	11	9	-	-	-	-	-	0	0	-	-	-	-	-	-	-	
Rhosee	21-9	67	19.8	11.4	15.6	-	23.7	31	5.0	11	-	-	30	31	10	2	12	6	0	0	0	2	0	0	0	0	-	0	7.48	120	-	-	
Cardiff	9 9	62	20.2	11.8	16.0	-0.5	24.1	14	6.0	11	16.4	15.2	42	43	9	4	10	6	0	-	0	0	1	0	0	-	0	6.55	-	-	-	S	
Monmouth																																	
Tredegar	9 9	313	18.4	9.8	(14.1)	-	22.5	14	3.6	19	-	-	72	56	18	5	9	7	0	0	0	0	0	2	0	1	-	0	6.63	-	-	S	
Newport	9 9	23	(21.2)	11.2	(16.2)	(-0.3)	24.4	24	4.6	19	-	-	53	55	20	2	7	7	0	0	0	0	1	0	0	0	-	0	7.26	-	-	-	
Usk	9 9	21	(21.3)	9.4	(15.3)	-	25.0	14,23	3.0	10,11,20	(17.8)	-	28	32	13	7	6	5	-	-	-	-	-	0	0	-	-	-	-	-	-	-	
Crumbland	9 9	245	19.0	10.6	14.8	-	23.4	23	6.1	11,19	15.6	14.6	35	38	13	7	7	5	0	0	0	0	1	2	0	0	-	0	7.01	-	-	-	-
8b ENGLAND SW																																	
Somerset																																	
HawkrIDGE	9 9	314	17.1	10.0	13.5	-	20.7	14,22,24	4.5	12	-	-	52	42	16	6	11	8	0	0	0	0	0	1	0	1	-	0	6.77	-	-	-	
Nettlecombe	9 9	96	19.3	10.0	14.7	-	22.4	14,22	3.9	12	17.2	-	19	-	8	6	8	3	0	0	0	0	0	0	0	2	-	1	-	-	-	-	
Cannington	9 9	23	20.0	11.6	15.8	-	23.5	31	6.2	19	17.3	-	19	26	5	1	10	5	0	0	0	0	1	0	0	-	0	6.27	101	-	-	S	
Cricket Malherbie	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar	9 9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yeovilton	21-9	18	20.6	10.6	15.6	-	24.3	14	3.2	11	-	-	41	-	20	1	7	4	0	0	0	0	1	0	0	0	-	0	-	-	-	-	
Rodney Stoke	9 9	40	19.9	11.0	15.5	-	23.5	14,15	5.1	11	16.5	17.1	35	-	7	7	8	8	-	-	-	-	1	0	0	-	-	-	-	-	-	-	
Long Ashton	9 9	49	20.2	11.2	15.7	-0.6	23.8	14	5.3	12	16.5	-	34	37	7	1	9	7	0	0	0	0	0	0	0	0	-	0	6.41	109	-	-	
West Camel	9 9	27	21.3	9.6	15.5	-	25.8	15	2.7	11	-	-	43	-	19	1	9	6	0	0	1	0	1	0	0	2	-	0	-	-	-	-	
Downside Abbey	9 9	183	19.2	11.0	15.1	-	23.0	14	6.1	12	-	-	50	-	10	7	10	8	-	-	-	-	1	0	-	-	-	-	-	-	-	-	
Wincanton	9 9	114	19.9	11.2	15.5	-	24.0	14	5.0	11	-	-	38	-	10	6	10	8	0	0	0	1	1	0	0	-	0	-	-	-	-	-	
Bath	9 9	118	20.1	11.4	15.7	-	23.9	14,23	6.8	11	16.6	-	27	36	7	7	7	6	0	0	0	0	1	0	0	-	0	-	-	-	-	-	S
Dorset																																	
Portland Bill	21-9	53	18.5	13.0	15.7	-	22.0	14	10.2	12,19	-	-	62	-	34	2	6	6	0	0	0	0	2	0	0	0	0	0	7.39	-	-	-	-
Coastguard	9 9	23	20.1	11.5	15.8	-1.3	23.7	14	5.0	10	-	-	61	-	20	2	7	4	0	0	0	0	2	0	0	-	0	7.37	-	-	-	-	
Weymouth	9 9	26	20.4	10.4	15.4	-	24.6	14	4.5	12	-	-	38	-	17	6	7	5	-	0	0	0	0	0	0	-	0	-	-	-	-	-	
Winfrith	9 9	207	19.4	10.7	15.1	-0.5	23.7	14	6.8	11	-	-	38	54	16	6	9	8	-	-	-	-	4	0	-	-	-	-	-	-	-	-	
Shaftesbury	9 9	11	19.4	12.3	15.9	-	22.2	20	7.3	12	-	16.6	30	50	11	2	5	4	0	-	0	0	0	0	0	-	0	7.59	108	-	-	-	
Swanage	9 9	8	19.4	12.3	15.9	-	22.2	20	7.3	12	-	16.6	30	50	11	2	5	4	0	-	0	0	0	0	0	-	0	7.59	108	-	-	-	
Poole	9 9	11	20.8	11.4	16.1	-	24.6	14	6.5	11	17.6	16.9	22	35	16	6	6	2	0	0	0	0	1	0	0	-	0	7.33	109	-	-	-	
Devon																																	
Virginstow	9 9	168	19.0	9.8	(14.8)	-	23.4	25	5.6	19	-	-	40	-	16	7	12	9	0	-	0	0	0	1	0	0	-	0	-	-	-	-	
Hartland Point	21-9	91	16.9	12.0	14.5	-	19.2	22	7.5	12	-	-	49	64	14	7	7	7	0	0	0	0	0	1	0	0	0	7.28	117	-	-	-	
Mount Batten	21-9	27	19.1	11.9	15.5	-0.8	22.1	31	6.6	11	-	-	27	36	12	6	5	5	0	0	0	0	1	0	0	0	1	7.92	124	-	-	-	
Plymouth Hoe	9 9	36	19.3	12.0	15.7	-0.9	22.4	14,15	6.9	11	16.8	16.1	27	37	11	7	6	5	0	0	0	0	0	1	0	0	-	0	7.81	122	-	-	-
Tavistock	9 9	139	20.0	10.6	15.3	-0.4	25.4	22	4.2	10	-	14.2	63	62	20	7	12	7	0	0	0	0	0	1	0	2	-	0	-	-	-	-	
Chivenor	21-9	6	19.4	11.5	15.5	-1.1	23.2	25	6.0	11	-	-	21	27	10	7	8	6	0	0	0	0	1	0	0	0	-	0	7.40	-	-	-	-
Prawle Point	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	6	0	-	0	0	0	2	-	-	-	1	-	-	-	-	
Totnes	9 9	84	20.9	10.7	15.8	-	25.6	15	4.8	28	15.9	14.6	58	-	18	6	9	6	0	0	0	0	0	1	0	0	-	0	7.06	-	-	-	-
Cheldon Barton	21-9	163	19.3	9.9	14.6	-	23.5	24	3.7	11	16.2	-	23	-	9	8	9	6	0	0	0	0	1	0	1	-	0	6.68	-	-	-	-	
Slapton	9 9	32	19.7																														



District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	amount (mm)	most in a day	precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure				
			max. (a)	min. (b)			max.	date	min.	date							0.2 mm or more	1.0 mm or more																	
NORTHERN IRELAND																																			
Londonberry																																			
Coolkeeragh	9 9	3	16.7	9.5	13.1	-	21.5	19	4.3	11	-	-	-	-	-	-	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Loughermore Forest	9 9	174	16.1	8.2	12.1	-	21.1	22	1.5	11	-	-	83	-	39	7	17	11	0	0	0	0	0	0	0	0	0	0	2	-	0	-	-	-	
Banagher Caugh Hill	9 9	216	16.1	8.6	12.3	-	20.0	22	5.5	11	-	-	73	-	35	7	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Derryoyd Forest	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Somerset Forest	9 9	43	17.2	9.3	13.3	-	21.4	19	3.9	11	-	-	49	-	21	7	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Coleraine University	9 9	23	16.1	9.5	12.8	-	20.7	19	3.5	11	14.1	12.8	55	-	26	7	17	8	0	0	0	0	0	0	0	0	0	0	0	0	0	2.65	-	-	
Garvagh Forest	9 9	88	16.3	8.6	12.5	-	21.4	22	2.9	11	14.7	12.9	69	-	32	7	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Moneydig	21-9	34	16.9	8.8	12.9	-1.4	21.9	19	3.4	11,30	15.9	-	55	54	27	7	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Traod Point	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Antrim																																			
Ballymoney	9 9	55	17.4	9.0	13.2	-	20.6	22	7.1	22	-	-	57	-	14	7	14	10	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
Lisnafillan	9 9	38	16.8	9.7	13.3	-	21.6	22	3.0	11	-	-	59	-	19	7	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	3.68	-	-	
Aldergrove	21-9	68	17.0	9.9	13.5	-1.0	21.6	22	4.7	15	15.2	13.3	39	42	14	7	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3.34	77	-	
Greenmount	9 9	32	17.1	8.6	12.9	-	22.0	22	2.5	16	-	-	43	-	19	7	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Altnahinch	9 9	226	14.8	8.5	11.7	-	19.0	22	4.0	15	-	-	96	-	23	7	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	3.28	-	-	
Parkmore Forest	9 9	235	14.7	8.4	11.5	-	18.9	19	3.2	11	13.7	-	95	63	32	7	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Black Mountain	21-9	295	14.6	8.6	11.6	-	18.8	22	5.0	15	-	-	65	-	26	11	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.85	-	
Lowtown	9 9	271	14.7	7.9	11.3	-	18.6	22	4.0	11,15	13.1	-	55	-	19	7	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.52	-	
Ballypatrick Forest	9 9	152	14.9	8.9	11.9	-	19.0	19	5.0	11	-	-	75	64	22	7	17	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	
Belfast Malone	9 9	35	17.6	9.7	13.7	-	22.3	22	4.9	15	15.6	-	45	-	16	7	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.97	-	
Newtownabbey	9 9	32	16.8	10.9	13.9	-	21.0	19	6.9	11	15.8	-	58	-	19	8	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Woodburn North	9 9	217	15.8	8.2	12.0	-	19.5	22	4.0	11	-	-	59	55	26	7	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Larne	9 9	43	17.2	10.2	13.7	-	21.0	19	6.4	11	-	-	62	67	26	7	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Kilroot	9 9	22	16.7	9.4	13.1	-	19.7	20	5.0	11	-	-	40	-	19	7	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Ballylumford	9 9	24	16.9	10.4	13.7	-	21.2	6	7.1	11	-	-	55	-	25	17	11	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Down																																			
Hillsborough	9 9	116	16.4	9.9	13.1	-1.1	20.8	22	4.3	15	14.7	13.1	33	40	16	7	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.25	97	-
Kilkeel	21-9	18	16.6	11.1	13.9	-0.8	20.3	19	5.5	19	-	-	31	-	19	7	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.89	-	-
Rosetta	9 9	24	17.4	10.1	13.7	-	(22.5)	20	6.0	15	-	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Murlough	9 9	9	17.3	9.5	13.4	-	20.9	19	2.1	30	14.8	14.0	41	-	22	7	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.78	-	-
Belfast Rosebank	9 9	47	17.1	10.1	13.6	-	22.0	21,22	5.5	15	-	-	51	-	24	7	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.28	-	-
Stormont Castle	9 9	56	17.3	10.0	13.7	-	21.3	22	6.2	15	15.5	14.7	47	54	26	7	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Downpatrick	9 9	26	17.2	10.2	14.0	-	21.0	19,21	5.4	11	-	-	47	-	23	7	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Creightons Green	9 9	119	16.4	9.4	12.9	-	21.0	19	5.8	19	-	-	50	-	25	7	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.91	-	-
Cross Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Helens Bay	9 9	43	17.2	10.3	13.7	-	20.5	19	(7.0)	15,19	-	-	67	-	26	8	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.44	-	-
Killough	21-9	15	16.3	10.3	13.3	-	19.1	13	5.8	15	-	-	34	-	23	7	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.01	-
Ballywalter Park	-	11	-	-	-	-	-	-	-	-	-	-	40	51	20	7	7	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Armagh																																			
Armagh	9 9	62	17.8	9.3	13.5	-1.4	23.4	22	4.1	30	16.7	15.7	38	44	13	7	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.10	72	-
Loughgall	9 9	25	17.4	9.4	13.4	-	24.8	22	4.0	15	-	-	38	48	14	7	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.59	-	-
Tandragee	9 9	43	18.2	9.4	13.8	-	22.8	22	3.0	15	-	-	34	-	17	7	11	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	35	36	19	7	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.70	80	-
Portadown	9 9	16	17.6	9.8	13.7	-	22.6	22	4.0	30	15.6	14.9	39	-	14	7	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Lurgan	9 9	55	17.5	9.6	13.5	-	22.9	22	4.4	15	15.5	14.7	47	-	22	7	13	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.54	-	-
Tyrone																																			
Lough Bradan	9 9	169	15.8	8.4	12.1	-	20.2	21	3.1	11	-	-	83	-	22	7	16	13	-	0	0	0	0	0	0	0	0	0	0	0	0	0	3.52	-	-
Baronscourt Forest	9 9	88	16.8	9.3	13.1	-	21.5	21	3.4	11	14.6	13.3	66	-	25	7	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Strabane Convent	9 9	44	17.1	9.6	13.3	-	23.0	22	4.5	29	-	-	61	-	20	7	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.93	-	-
Carrigans	21-9	113	16.5	9.3	12.9	-	21.9	21	4.4	11	-	-	73	-	27	7	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Lislap Forest	9 9	209	15.4	7.3	11.3	-	20.9	22	2.7	11	14.6	-	86	72	39	7	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Knockmany Forest	9 9	73	16.8	8.1	12.5	-	21.6	22	1.7	11	-	-	51	50	24	7	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Pomeroy Forest	9 9	165	16.2	8.9	12.5	-	21.4	21	4.4	15	15.0	-	54	-	25	7	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
Cookstown	9 9	77	16.9	9.2	13.1	-	21.5	21	3.4	11	14.4	-	43	45	22	7	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.75	-	-
Fermanagh																																			
Roscor	9 9	143	15.8	9.4	12.6	-	20.5	26</																											



Table 4 Summary of observations at fixed hours

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	0-99 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	NE	E	SE	S	SW	W	NW		
								mean	0	1.2	3-5	6.7												8	speed (kt)												
																									8 or more	6.7	4.5									1-3	calm
number of observations																																					
0 SCOTLAND N Lerwick, Zetland 83	3	1014.6	-	10.2	0.8	11.4	91	7.0	0	1	3	11	16	0	0	0	0	0	2	7	5	11	6	0	2	10	16	3	2	0	0	0	0	3	2	0	0
	9	1015.1	+4.1	11.4				6.7	0	2	3	16	9	1	0	0	0	0	1	3	6	8	12	0	2	15	14	0	0	0	0	1	0	0	1	0	
	15	1015.5	-	11.9	1.5	11.6	83	6.3	0	1	8	11	11	0	0	0	0	0	4	7	5	6	9	0	0	14	13	0	0	0	0	1	1	2	5	5	
	21	1015.9	-	10.1	0.8	11.2	90	6.2	0	5	3	9	13	1	0	0	0	0	3	6	4	7	9	0	2	11	17	1	2	0	0	1	1	8	5	11	2
	Kirkwall, Orkney 26	3	1015.6	-	10.1	0.6	11.5	92	5.6	2	6	1	13	8	1	0	0	0	0	2	6	16	5	0	3	10	15	3	0	0	0	0	4	5	5	11	3
	9	1016.3	+5.1	12.2	1.3	12.0	85	6.6	0	3	2	17	9	0	0	0	0	0	1	2	3	14	11	0	0	3	14	14	0	0	0	0	1	4	8	2	3
	15	1016.5	-	13.3	1.8	12.1	79	6.1	0	3	5	13	10	0	0	0	0	0	6	4	9	12	0	5	16	10	0	0	0	0	1	2	4	6	8	5	
	21	1016.8	-	10.6	0.7	11.7	91	5.8	0	4	6	15	6	0	0	0	0	0	5	4	13	8	0	2	9	19	1	3	1	0	6	4	2	14	0		
	Wick, Caithness 37	3	1016.0	-	10.2	0.6	11.5	92	5.9	1	4	2	17	6	1	0	0	0	0	5	4	13	6	0	6	22	3	0	0	0	0	4	5	8	9	2	
	9	1016.7	+5.2	12.4	1.4	12.0	83	6.4	0	2	5	18	6	0	0	0	0	0	2	4	9	14	0	0	10	20	1	1	0	0	1	6	5	4	10	3	
	15	1016.7	-	13.5	1.9	12.1	78	6.1	1	2	3	21	3	1	0	0	0	0	2	11	16	0	0	14	17	0	0	0	0	1	3	6	6	1	7		
	21	1017.1	-	11.0	0.8	11.9	90	5.9	0	4	6	15	6	0	0	0	0	0	2	3	15	9	0	5	25	1	1	1	0	0	8	3	11	3	7		
	Cape Wrath, Sutherland (see Introduction) 113	3	1015.3	-	10.8	0.9	11.6	90	5.9	1	3	6	11	8	2	0	0	0	0	0	3	7	19	0	3	5	16	7	1	1	0	2	0	11	7	2	
	9	1016.2	-	11.5	1.0	11.9	88	6.2	1	3	3	10	12	2	0	0	0	0	3	4	9	13	0	4	4	20	3	1	0	0	1	3	0	15	6	2	
	15	1016.4	-	12.2	1.3	12.1	85	5.9	1	4	3	13	9	1	0	1	0	0	4	2	8	16	0	4	5	21	1	1	0	0	3	1	2	13	9	1	
	21	1016.7	-	11.3	1.0	11.7	88	6.6	0	2	3	17	6	3	0	2	1	0	0	2	11	14	0	3	5	18	5	0	2	3	2	1	9	8	1		
	Stornoway, Ross & Cromarty 5	3	1016.9	-	9.9	0.5	11.5	93	6.1	0	5	3	12	11	0	0	0	0	0	1	6	14	8	2	0	1	11	14	5	3	0	1	1	5	6	6	4
	9	1017.4	+6.2	12.7	1.3	12.5	84	6.6	0	1	4	17	9	0	0	0	0	0	6	11	11	3	0	0	18	9	4	1	1	1	2	5	5	9	3		
	15	1017.4	-	13.8	1.8	12.7	80	6.6	0	3	2	14	12	0	0	0	0	0	1	4	6	20	0	0	1	20	9	1	1	2	0	1	8	6	10	2	
	21	1017.8	-	11.0	0.7	11.9	90	6.1	0	4	5	8	14	0	0	0	0	0	1	5	13	9	3	0	0	8	17	6	3	0	2	1	5	3	9	2	
	Benbecula, Inverness-shire 7	3	1017.2	-	11.3	0.7	12.2	91	6.7	0	4	1	9	17	0	0	0	0	0	1	9	7	9	5	0	1	9	19	2	2	0	1	5	6	6	3	
	9	1017.6	+6.5	12.4	1.2	12.4	86	7.0	0	0	3	19	9	0	0	0	0	0	3	3	6	11	7	0	0	13	17	1	1	2	1	5	3	6	8	4	
	15	1017.6	-	13.3	1.3	12.9	85	6.8	0	1	3	15	12	0	0	0	0	0	1	5	2	6	10	7	0	0	18	12	1	2	1	0	3	4	6	10	4
	21	1017.9	-	11.6	0.8	12.3	90	6.5	1	2	2	14	12	0	0	0	0	0	3	5	7	8	0	0	9	17	5	4	0	1	2	5	4	10	0		
	1 SCOTLAND E Kinloss, Moray 6	3	1017.1	-	10.8	1.1	11.2	86	5.8	0	5	6	12	7	1	0	0	0	0	5	5	5	15	0	1	7	23	0	0	0	4	2	7	12	4	2	
9		1017.8	+6.2	13.5	2.2	11.7	75	6.2	1	2	4	13	11	0	0	0	0	0	1	2	4	8	16	0	1	15	14	1	3	0	0	3	9	11	1		
15		1017.3	-	16.1	3.3	12.2	67	6.0	0	4	2	22	3	0	0	0	0	0	5	4	1	21	0	0	9	12	0	7	2	3	0	0	2	4	6	7	
21		1017.9	-	12.8	1.6	12.2	82	6.2	0	2	4	19	6	0	0	0	0	0	6	3	7	14	0	0	9	20	2	0	0	4	0	5	11	6	3		
Dyce, Aberdeenshire 59		3	1017.1	-	10.1	0.8	11.1	89	5.8	1	5	3	15	7	0	0	0	0	0	5	6	9	10	0	0	8	16	7	1	0	0	1	6	2	7	7	
	9	1017.7	+5.4	13.2	2.1	11.6	76	6.0	0	3	5	17	6	0	0	0	0	0	3	1	5	11	0	0	13	13	4	2	1	2	1	6	2	6	7		
	15	1016.9	-	16.1	3.1	12.6	69	6.1	1	2	5	18	5	0	0	0	0	0	1	4	5	6	15	0	0	18	13	0	1	1	5	13	1	2	7		
	21	1017.9	-	12.0	1.2	12.1	86	5.2	1	9	0	15	6	0	0	0	0	0	1	3	3	6	10	6	0	1	6	20	4	2	0	0	0	12	1	4	8
	Fraserburgh, Aberdeenshire 22	3	1017.5	+5.5	13.1	1.4	12.7	84	5.9	0	3	7	14	7	0	0	0	0	0	3	7	19	2	0	6	10	14	1	2	0	2	4	6	1	13	2	
	9	1017.4	-	15.0	1.9	13.6	80	5.8	0	3	8	14	6	0	0	0	0	0	1	2	10	15	3	0	1	18	12	0	2	0	7	6	5	0	6	5	
	15	1017.6	-	12.6	0.9	13.1	89	6.3	1	3	4	6	16	1	0	0	0	0	2	4	11	13	0	0	2	9	20	0	4	0	0	5	11	2	4	5	
	Usan, Angus 35	3	1018.2	-	13.4	1.7	12.5	81	5.7	1	4	7	13	6	0	0	0	0	0	1	3	2	1	4	20	0	0	8	19	4	4	0	2	7	5	5	
	9	1017.8	-	15.2	2.3	13.1	76	5.2	2	3	10	10	6	0	0	0	0	0	2	4	0	2	22	0	1	12	16	2	2	2	1	3	13	3	5	0	
	15	1018.3	-	12.8	1.0	13.1	88	4.9	2	6	6	12	4	1	0	1	0	0	0	2	2	6	20	0	1	4	20	6	5	2	0	0	4	7	7	0	
	21	1018.3	-	10.7	0.8	11.6	89	5.2	2	6	6	8	9	0	0	0	0	0	1	3	4	14	8	0	0	6	18	7	1	0	2	1	3	8	9	0	
	Leuchars, Fife 12	3	1017.6	-	13.8	2.1	12.2	78	6.0	0	3	6	15	7	0	0	0	0	0	1	5	9	11	0	0	13	15	3	0	1	6	1	2	7	8	3	
	9	1018.3	+5.9	16.5	3.2	12.8	69	5.6	1	3	5	20	2	0	0	0	0	0	2	6	9	14	0	0	1	16	14	0	0	2	12	1	1	8	6	1	
	15	1017.7	-	16.5	3.2	12.8	69	5.6	1	3	5	20	2	0	0	0	0	0	2	6	9	14	0	0	1	16	14	0	0	2	12	1	1	8	6	1	
	21	1018.3	-	12.8	1.4	12.5	84	4.8	3	7	4	12	5	0	0	0	0	0	1	1	2	7	8	12	0	0	11	16	4	0	5	4	1	9	5	2	
	Turnhouse, Midlothian 44	3	1018.2	-																																	



Table 4 Summary of observations at fixed hours

August 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																									
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
								mean	0	1.2	3-5	6.7												8	8 or more	6.7	4.5	1-3	calm														
																																						speed (kt)					
																																						22-33	11-21	1-10	0		
number of observations																																											
6a SCOTLAND W—continued																																											
Eskdalemuir, Dumfriesshire 237	3	1018.8	-	8.5	0.5	10.6	94	5.0	5	4	5	4	12	1	0	0	0	2	2	1	9	7	8	1	0	1	6	8	16	4	1	0	0	2	4	3	1						
	9	1018.9	+6.0	12.3	1.7	11.7	82	6.3	0	4	2	16	1	0	1	0	0	0	0	0	12	14	1	0	0	0	15	10	0	0	3	3	2	4	1	1							
	15	1018.4	-	15.3	3.1	12.3	71	6.0	0	0	0	17	5	0	0	0	0	0	0	0	12	15	3	0	0	0	11	10	0	0	1	0	7	6	4	1							
	21	1018.5	-	10.8	1.2	11.3	87	5.1	2	9	1	7	12	0	0	0	1	1	4	5	10	9	1	0	0	0	9	11	11	3	0	2	5	4	3	3							
6b ISLE OF MAN																																											
Ronaldsway 21	3	1018.8	-	12.4	1.3	12.3	85	5.0	1	7	5	13	5	0	0	0	0	0	0	7	8	6	10	0	1	15	15	0	6	1	6	1	3	2	8	4	5						
	9	1019.6	+6.0	14.0	1.8	12.9	80	5.8	0	6	3	17	5	0	0	0	0	1	0	6	7	12	0	0	0	11	19	1	3	3	5	1	3	4	6	6							
	15	1019.6	-	15.6	2.7	12.7	72	4.9	0	6	6	14	3	0	0	0	0	0	1	2	7	8	13	0	0	15	16	0	0	0	8	1	5	7	4	5							
	21	1020.1	-	12.8	1.5	12.3	83	4.6	3	6	6	13	3	0	0	0	0	0	1	4	7	8	11	0	1	12	18	0	10	2	1	0	5	3	7	3							
Point of Ayre 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	9	1019.4	-	14.2	1.4	13.8	85	5.5	2	1	7	16	4	1	0	0	0	1	1	0	2	5	14	8	0	1	15	15	0	3	1	3	5	2	2	12	3	3					
	15	1019.6	-	16.2	2.0	14.6	79	4.1	5	4	12	8	2	0	0	0	0	0	2	4	13	12	0	0	14	17	0	2	0	3	2	4	5	7	8	8							
	21	1019.9	-	13.5	1.0	13.8	89	4.3	3	7	7	10	4	0	0	0	0	2	0	1	6	18	4	0	3	14	21	4	1	1	2	1	4	6	6	6							
2 ENGLAND NE																																											
Acklington, Northumberland 46	3	1018.2	-	10.7	0.5	12.1	93	5.4	2	8	1	7	12	1	0	1	0	0	1	5	6	6	12	0	0	5	6	5	4	0	0	1	0	4	13	4	2						
	9	1018.7	+5.7	14.5	2.0	13.0	79	5.7	0	5	6	10	10	0	0	0	0	0	0	2	4	6	13	0	0	9	20	2	5	4	2	1	3	3	9	2	2						
	15	1018.4	-	16.6	2.9	13.5	71	5.1	1	4	11	12	3	0	0	0	0	0	0	2	5	9	8	5	0	2	11	18	0	3	1	6	6	2	7	4	1						
	21	1019.1	-	12.1	0.8	12.8	90	5.1	0	7	7	11	6	0	0	0	2	0	2	5	9	8	5	0	0	2	22	7	3	1	2	0	1	6	10	1							
Tynemouth, Northumberland 40	3	1018.6	-	12.8	1.0	13.2	89	5.7	4	1	6	7	12	1	0	1	0	0	2	0	6	22	0	0	14	15	2	4	1	3	0	6	0	13	2	2							
	9	1019.2	+5.9	14.3	1.6	13.4	82	5.8	0	4	8	9	10	0	0	0	0	1	1	6	5	18	0	0	14	15	1	8	1	3	1	3	2	10	6	0							
	15	1019.1	-	15.8	2.1	14.1	78	5.5	1	3	7	15	4	1	0	1	0	0	0	3	7	20	0	0	12	17	1	3	3	8	4	4	2	9	0	0							
	21	1019.6	-	14.0	1.2	13.9	86	4.8	4	7	4	7	8	1	0	1	0	0	0	3	11	16	0	0	12	15	4	2	2	3	2	7	2	9	0	0							
Seahouses, Northumberland 12	3	1017.9	-	11.8	1.3	11.8	85	5.7	2	5	4	8	12	0	0	0	0	1	2	5	4	11	8	0	6	21	4	2	1	0	1	6	6	10	1	4							
	9	1018.6	-	13.9	2.1	12.1	76	5.9	0	4	6	11	10	0	0	0	0	0	7	4	2	6	12	0	1	7	22	1	8	1	3	0	4	3	7	4							
	15	1018.4	-	16.0	3.0	12.7	70	5.5	0	4	9	13	5	0	0	1	0	0	0	6	1	11	12	0	12	18	1	5	3	7	3	4	2	5	1	-							
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Leeming, Yorkshire N.R. 33	3	1018.7	-	11.2	0.7	12.3	91	5.1	4	6	3	6	12	0	0	0	2	1	2	3	5	5	8	0	1	4	18	8	7	2	0	1	8	1	1	3							
	9	1019.2	+5.3	14.5	1.8	13.3	81	6.2	0	5	1	15	10	0	0	0	0	0	3	4	8	4	12	0	0	22	1	10	4	0	0	4	4	3	5	5							
	15	1018.6	-	18.4	3.7	13.8	65	5.4	0	4	8	14	5	0	0	0	0	0	0	3	6	16	0	0	12	19	0	3	9	1	0	4	1	8	5	5							
	21	1019.8	-	13.4	1.4	13.1	85	4.7	2	5	12	5	7	0	0	0	0	1	1	3	7	7	12	0	0	4	23	4	4	3	1	1	4	3	6	5							
Whitby Coastguard, Yorkshire N.R. 66	3	1018.6	-	12.4	1.1	12.7	88	4.8	1	9	6	6	9	0	0	0	0	0	2	4	20	3	2	0	7	17	7	2	3	1	0	4	12	5	0	8							
	9	1019.2	-	14.4	1.7	13.4	82	5.9	0	3	8	8	11	1	0	1	0	0	1	2	15	9	0	0	13	12	4	2	3	2	1	3	3	5	8	1							
	15	1019.2	-	16.0	2.4	13.8	76	5.4	1	3	11	9	6	1	0	1	0	0	1	3	13	11	2	0	1	16	6	3	6	4	3	3	2	2	3	1							
	21	1019.7	-	13.6	1.4	13.1	84	6.0	0	3	9	6	12	1	0	1	0	0	1	0	7	15	5	2	0	10	13	8	3	0	2	1	9	4	3	1							
Kilnsea, Yorkshire E.R. 16	3	1018.7	-	13.0	1.0	13.3	88	5.6	1	6	6	2	15	1	0	1	0	0	0	2	28	0	0	0	1	19	9	2	5	2	4	0	2	4	8	4							
	9	1019.2	+5.2	15.1	1.7	14.1	82	5.4	0	4	11	8	7	1	0	1	0	1	1	6	22	0	0	0	21	6	2	9	4	2	0	3	1	8	2	1							
	15	1019.1	-	16.2	2.1	14.5	79	5.7	0	1	16	5	9	0	0	0	1	0	2	26	0	0	0	5	20	6	0	4	6	7	4	2	3	4	1	1							
	21	1019.8	-	14.4	1.4	13.9	85	6.0	1	2	6	10	11	1	0	0	0	1	0	3	26	0	0	0	3	14	12	2	3	3	8	0	6	3	4	2							
Waddington, Lincolnshire 69	3	1019.2	-	11.8	0.7	12.8	92	5.0	4	4	6	9	8	0	0	0	2	2	3	11	10	2	1	0	4	25	2	8	1	0	2	3	5	6	4	2							
	9	1019.8	+5.3	15.0	1.8	13.9	81	5.5	0	6	6	11	8	0	0	0	4	6	9	10	1	0	1	11	19	0	4	6	4	1	1	2	3	6	6								
	15	1019.2	-	18.5	3.9	13.6	64	5.6	0	3	6	18	4	0	0	0	0	0	4	7	14	6	0	1	15	15	0	3	5	4	1	3	3	6	5								
	21	1020.4	-	13.5	1.4	13.1	85	4.6	2	9	4	14	2	0	0	0	0	0	4	4	11	9	3	0	7	24	0	2	6	5	3	3	4	2	7	2							
Binbrook, Lincolnshire 109	3	1019.1	-	11.7	0.7	12.7	92	5.6	2	5	3	12	9	0	0	0	2	3	2	8	12	3	1	0	11	19	1	5	4	0	1	6	4	5	5								
	9	1019.5	-	14.8	1.8	13.6	81	5.8	1	4	5	14	7	0	0	0	0	0	2	9	6	10	4	0	14	16	0	4	8	1	1	2	7	5	3								
	15	1019.2	-	17.4	3.6	13.0	66	6.0	0	0	10	20	1	0	0	0	0	0	0	3	7	16	5	0	17	12	1	11	2	0	2	6	7	2	2								
	21	1020.2	-	13.2	1.3	13.0	85	6.4	0	1	4	22	4	0	0	0	0	1	3	7	8	11	1	0	8	21	2	2	8	1	2	3	5	5	2								
Manby, Lincolnshire 14	3	1018.9	-	12.1	0.7	13.1	92	5.4	5	3	3	5	14	1	0	1	0	2	1	7	12	7	0	0	3	26	2	4	2	1	2	4	4	7	5								
	9	1019.4	+5.2	15.8	2.1	14.1	78	5.6	0	5	5	16	5	0	0	0	0	0	8	11	10	2	0	11	20	0	7	4	2	2	2	6	4	4	1								
	15	1019.1	-	18.1	3.4	14.1	69	5.7	0	4	6	17																															



Table 4 Summary of observations at fixed hours

August 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction														
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						sky obscured	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	NE	E	SE	S	SW	W	NW	
								mean	0	1-2	3-5	6-7	8												34 or more	speed (kt)												
																										22-33	11-21	1-10	0									calm
3 ENGLAND E—continued																																						
Cardington, Bedfordshire 29	3	1019.3	-	11.1	0.5	12.5	94	4.4	8	4	4	7	8	0	0	1	0	1	3	15	8	0	0	0	0	2	27	2	5	4	2	0	3	6	7	2		
	9	1019.9	+5.0	15.7	2.1	14.0	78	6.1	0	2	7	13	9	0	0	0	0	0	0	15	14	0	0	0	0	2	27	2	5	4	2	0	3	6	7	2		
	15	1019.0	-	19.9	5.0	12.9	56	5.4	0	4	12	10	5	0	0	0	0	0	0	0	18	6	0	0	0	1	10	20	0	5	6	3	1	1	7	3		
	21	1020.2	-	14.4	1.7	13.3	81	5.4	0	6	5	16	4	0	0	0	0	0	1	20	9	0	0	0	0	3	26	2	2	10	1	0	4	4	1	7		
	3	1019.1	-	11.8	0.6	12.9	92	4.7	3	8	5	7	7	1	0	0	1	0	0	1	19	4	1	0	0	0	2	23	6	7	3	1	1	2	6	2	3	
Stansted, Essex 102	9	1019.8	+4.6	15.5	2.1	13.8	78	5.2	1	6	7	12	5	0	0	0	0	0	2	13	12	3	0	0	0	0	11	17	3	7	4	3	1	1	2	6	2	
	15	1018.9	-	19.2	4.6	13.0	59	5.7	0	6	3	7	5	0	0	0	0	0	0	2	6	14	9	0	0	0	13	17	1	4	7	4	0	0	6	5	4	
	21	1020.1	-	14.4	1.7	13.3	81	5.7	2	7	6	13	3	0	0	0	0	0	2	16	8	5	0	0	0	3	23	5	4	6	3	2	5	1	3			
	3	1019.5	+4.0	16.8	2.5	14.4	75	5.5	1	3	6	18	3	0	0	0	0	0	2	11	6	9	3	0	1	11	19	0	7	7	3	0	1	8	2	3		
	9	1019.1	-	18.8	3.4	14.9	69	5.2	1	6	3	20	1	0	0	0	0	0	0	2	11	4	10	6	0	1	16	14	0	7	3	1	8	9	0	6		
Walton-on-Naze, Essex 8	15	1019.9	-	15.3	1.5	14.7	84	4.2	1	12	3	12	3	0	0	0	0	0	0	1	7	9	9	3	0	0	11	20	0	7	3	6	2	0	6	3		
	21	1020.0	-	13.7	0.8	14.3	91	3.4	10	8	1	4	8	0	0	0	0	0	0	6	24	0	0	0	0	0	6	21	4	3	3	3	1	1	4	4		
	3	1019.8	-	16.8	1.4	16.4	86	4.8	3	5	6	9	8	0	0	0	0	0	2	9	20	0	0	0	0	6	12	3	6	5	0	3	2	4	3			
	9	1019.3	-	18.7	1.7	18.0	83	5.0	1	5	8	13	4	0	0	0	0	0	0	1	5	25	0	0	0	1	16	14	0	2	2	10	1	6	4	2		
	15	1019.3	-	15.8	1.1	15.8	88	3.7	8	5	7	5	6	0	0	0	0	0	0	1	5	25	0	0	0	0	13	15	3	4	8	3	4	1	4	3		
4 MIDLAND COUNTIES																																						
Huddersfield Oakes, Yorkshire W.R. 235	3	1019.1	-	10.8	1.0	11.5	88	6.3	3	1	4	2	21	0	0	0	2	3	2	4	9	9	2	0	0	0	10	17	4	6	0	3	1	2	2	6	7	
	9	1019.6	+5.7	14.3	1.8	13.1	81	6.0	1	3	5	9	13	0	0	0	0	0	1	5	10	10	4	0	0	0	9	20	2	3	5	3	0	3	2	10	3	
	15	1019.3	-	17.1	3.2	13.4	69	5.8	1	0	11	14	5	0	0	0	0	0	0	0	6	11	13	0	0	1	15	15	0	3	3	4	0	1	6	8		
	21	1020.4	-	12.7	1.2	12.7	86	4.9	3	7	4	6	11	0	0	0	0	0	0	1	6	11	15	0	0	1	10	15	5	2	2	3	0	1	2	11	5	
	3	1019.2	-	11.3	0.5	12.7	94	4.6	8	1	6	7	8	1	0	0	1	0	1	11	10	8	0	0	0	0	1	26	4	3	7	0	1	1	4	9	2	
Watnall, Nottinghamshire 119	9	1019.7	+5.2	14.7	1.6	13.9	83	5.8	4	2	2	12	11	0	0	0	0	0	1	5	11	12	1	0	0	0	5	26	0	4	8	2	1	2	4	9	1	
	15	1019.1	-	18.6	3.8	13.9	65	5.3	0	4	10	14	3	0	0	0	0	0	0	1	4	14	2	0	0	0	10	21	0	2	7	2	1	1	5	8	5	
	21	1020.3	-	13.6	1.3	13.4	86	5.2	2	5	4	16	4	0	0	0	0	0	1	3	14	11	2	0	0	2	29	0	2	7	4	1	2	5	7	3		
	3	1018.8	-	11.4	0.6	12.5	92	4.7	6	5	3	6	10	1	0	0	1	0	3	9	9	5	0	0	0	2	27	2	7	1	1	2	6	2	5	5		
	9	1019.3	+5.1	15.5	2.1	13.8	78	5.9	1	2	6	16	6	0	0	0	0	0	0	2	8	12	7	1	0	0	9	22	0	8	6	0	1	3	3	4		
Finningley, Nottinghamshire 14	15	1018.8	-	19.1	4.0	14.1	64	5.6	0	3	10	14	4	0	0	0	0	0	0	0	3	15	11	2	0	0	14	17	0	5	4	4	1	2	5	8	2	
	21	1020.0	-	13.8	1.4	13.3	84	5.4	0	6	5	16	4	0	0	0	0	0	0	0	12	6	1	0	0	5	25	1	5	5	2	3	4	4	4	3		
	3	1019.1	-	11.8	0.6	12.8	91	4.9	3	6	6	9	7	0	0	0	0	0	4	11	13	2	0	0	0	3	28	0	9	1	0	1	3	5	10	2		
	9	1019.7	+4.9	15.0	2.0	13.4	79	5.6	1	5	4	16	5	0	0	0	0	0	1	7	10	9	3	0	0	3	22	0	7	4	3	1	3	4	6	3		
	15	1019.0	-	18.8	4.5	12.8	59	5.5	0	4	8	17	2	0	0	0	0	0	0	6	7	9	3	0	0	12	19	0	3	9	1	0	2	6	5	5		
Edgbaston, Warwickshire 165	21	1020.2	-	14.2	1.7	13.1	81	4.7	1	8	5	17	0	0	0	0	0	0	0	3	7	13	5	3	0	0	1	29	1	5	7	2	1	3	2	8	2	
	3	1019.8	+4.8	14.0	1.6	13.2	82	6.1	0	4	5	11	11	0	0	0	0	0	3	5	7	12	4	0	0	5	25	1	8	3	5	0	3	4	3	4		
	9	1019.2	-	17.8	3.8	12.9	64	6.0	1	2	5	19	4	0	0	0	0	0	0	9	11	11	0	0	0	4	27	0	7	3	5	1	1	6	3	5		
	15	1019.2	-	14.9	2.0	13.3	78	5.1	2	5	5	15	4	0	0	0	0	0	0	1	15	11	3	1	0	4	23	4	11	1	6	0	4	1	3	1		
	21	1020.3	-	11.7	0.8	12.5	90	4.9	4	6	3	10	8	0	0	0	0	0	1	6	6	7	2	0	0	2	26	3	3	2	2	2	4	2	1	11		
Elmdon, Warwickshire 100	3	1019.6	-	11.7	0.8	12.5	90	4.9	4	6	3	10	8	0	0	0	0	0	1	6	6	7	2	0	0	2	26	3	3	2	2	2	4	2	1	11		
	9	1020.0	+5.1	14.7	1.9	13.4	80	5.8	2	3	5	12	9	0	0	0	0	0	6	10	11	3	1	0	0	9	22	0	6	5	2	0	5	2	3	8		
	15	1019.3	-	18.4	4.1	13.2	63	5.6	0	4	6	17	4	0	0	0	0	0	0	8	13	8	2	0	0	7	24	0	4	6	3	1	3	6	2	6		
	21	1020.5	-	14.2	1.6	13.4	82	4.6	1	9	5	13	3	0	0	0	0	0	4	10	12	5	0	0	0	4	24	3	4	4	2	1	3	5	1	8		
	3	1019.4	-	12.1	0.9	12.7	89	5.1	7	2	2	10	10	0	0	0	0	0	6	9	10	6	0	0	0	3	21	7	6	4	0	0	3	4	2	5		
Brize Norton, Oxfordshire 84	9	1019.9	-	15.2	2.2	13.3	76	5.9	0	5	4	12	10	0	0	0	0	0	3	8	7	10	3	0	0	13	17	1	8	6	2	1	2	7	0	4		
	15	1019.0	-	19.7	5.1	12.6	56	5.4	1	6	5	16	3	0	0	0	0	0	0	4	12	9	6	0	0	16	14	1	5	7	3	0	2	7	3	3		
	21	1020.2	-	15.1	2.0	13.5	78	4.6	3	6	7	12	3	0	0	0	0	0	4	9	7	6	5	0	0	7	21	3	5	6	0	0	3	6	2	6		
	3	1019.7	-	11.6	0.8	12.5	91	5.4	2	4	6	10	8	1	0	1	0	0	4	5	9	5	5	0	0	3	18	10	4	1	2	0	2	4	5	3		
	9	1019.9	+5.0	14.7	1.6	13.9	82	6.6	0	3	2	17	9	0	0	0	0	0	4	5	6	12	4	0	0	4	26	1	8	2	3	1	3	4	6	3		
Pershore, Worcestershire 36	15	1019.5	-	18.2	3.5	14.1	68	5.3	1	2	12	12	4	0	0	0	0	0	0	8	9	7	7	0	1	5	25	0	12	2	6	0	3	3	5	0		
	21	1020.6	-	13.6	1.5	13.0	83	5.1	1	6	8	10	6	0	0	0	0	0	1	8	8	10	3	0	0	5	25	1	9	2	5</							



Table 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																	
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	visibility										beaufort force																
								mean	0	1.2	3-5	6.7		8	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	speed (kt)															
																									34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW			
number of observations																																								
5 ENGLAND SE—continued																																								
Dungeness, Kent	3	1019.3	-	-	-	-	-	3.3	14	1	4	6	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
	9	1020.1	-	-	-	-	-	5.3	4	1	6	16	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			
	15	1019.8	-	-	-	-	-	5.2	4	2	7	11	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			
	21	1020.1	-	-	-	-	-	4.2	10	0	8	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			
Manston, Kent	3	1019.1	-	13.4	1.0	13.7	89	3.4	8	7	6	8	1	1	0	0	0	0	0	0	0	2	6	4	16	2	0	0	0	0	0	0	0	0	0	0	0			
	9	1019.8	-	16.3	2.2	14.5	77	5.5	2	4	5	15	5	0	0	0	0	0	0	0	0	0	14	3	6	8	0	0	0	0	0	0	0	0	0	0	0	0		
	15	1019.5	-	18.4	3.5	14.3	67	5.1	2	6	2	17	4	0	0	0	0	0	0	0	0	0	8	6	6	11	0	0	0	0	0	0	0	0	0	0	0	0		
	21	1020.1	-	15.0	1.5	14.4	84	4.2	5	6	6	12	2	0	0	0	0	0	0	0	0	1	7	6	10	7	0	0	0	0	0	0	0	0	0	0	0	0		
Thorney Island, Sussex	3	1019.4	-	13.2	0.9	13.8	90	4.3	11	2	1	10	7	0	0	0	0	0	0	0	2	2	1	8	11	7	0	0	0	0	0	0	0	0	0	0	0	0		
	9	1020.0	+4.3	16.8	2.4	14.4	75	4.4	3	8	5	13	2	0	0	0	0	0	0	0	0	2	7	8	10	4	0	0	0	0	0	0	0	0	0	0	0	0		
	15	1019.3	-	19.1	3.7	14.5	66	5.1	1	5	9	10	6	0	0	0	0	0	0	0	0	0	9	5	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1020.2	-	15.3	1.6	14.5	83	3.3	6	9	8	6	2	0	0	0	0	0	0	0	0	2	3	7	10	8	1	0	0	0	0	0	0	0	0	0	0	0	0	
Eastbourne Coastguard, Sussex	3	1019.6	+3.8	16.3	1.9	15.0	81	5.1	2	4	9	8	8	0	0	0	0	0	0	0	0	1	1	13	9	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1020.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	1019.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	1020.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Abingdon, Berkshire	3	1019.5	-	11.9	0.7	12.8	91	4.6	8	3	2	9	8	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		
	9	1020.0	+4.7	15.2	1.9	13.9	80	6.4	0	4	2	16	9	0	0	0	0	0	0	0	0	0	2	11	7	7	2	0	0	0	0	0	0	0	0	0	0	0		
	15	1019.1	-	19.6	4.4	13.7	61	5.1	1	6	6	15	3	0	0	0	0	0	0	0	0	0	0	6	10	10	5	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1020.2	-	15.1	1.9	13.7	80	4.5	1	10	3	16	1	0	0	0	0	0	0	0	0	0	0	2	12	8	7	2	0	0	0	0	0	0	0	0	0	0	0	
Hurn, Hampshire	3	1019.4	-	11.7	0.8	12.6	90	3.8	6	10	2	7	6	0	0	0	0	0	0	0	0	0	1	7	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1020.0	+4.4	16.1	2.3	14.0	75	4.8	1	6	10	12	2	0	0	0	0	0	0	0	0	0	1	2	15	4	7	2	0	0	0	0	0	0	0	0	0	0	0	
	15	1019.4	-	19.7	4.6	13.6	60	5.0	0	7	6	15	3	0	0	0	0	0	0	0	0	0	1	13	6	9	2	0	0	0	0	0	0	0	0	0	0	0	0	
	21	1020.2	-	14.2	1.6	13.5	83	3.1	6	9	6	9	1	0	0	0	0	0	0	0	0	0	8	6	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
South Farnborough, Hampshire	3	1019.9	+4.4	15.7	2.0	14.0	78	5.7	1	4	5	14	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		
	9	1020.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	1019.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	1020.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Lyneham, Wiltshire	3	1019.8	-	11.9	0.6	13.1	93	5.3	2	5	7	8	9	0	0	0	0	0	0	0	0	2	2	6	6	8	6	1	0	0	0	0	0	0	0	0	0	0		
	9	1020.3	+4.9	14.4	1.5	13.7	83	5.6	0	5	6	14	6	0	0	0	0	0	0	0	0	0	0	2	11	4	6	7	0	0	0	0	0	0	0	0	0	0		
	15	1019.4	-	18.8	3.8	14.1	65	5.2	1	6	6	14	4	0	0	0	0	0	0	0	0	0	0	1	4	13	4	9	0	0	0	0	0	0	0	0	0	0	0	
	21	1020.6	-	14.8	1.7	13.8	82	5.1	3	2	9	15	2	0	0	0	0	0	0	0	0	0	0	0	14	8	5	4	0	0	0	0	0	0	0	0	0	0	0	0
Boscombe Down, Wiltshire	3	1019.7	-	11.3	0.6	12.5	92	4.2	6	6	6	7	6	0	0	0	0	0	0	0	0	0	2	4	9	11	4	0	0	0	0	0	0	0	0	0	0	0	0	
	9	1020.1	+4.4	15.1	1.9	13.7	80	5.8	1	4	6	13	7	0	0	0	0	0	0	0	0	0	0	2	4	9	8	2	0	0	0	0	0	0	0	0	0	0	0	
	15	1019.2	-	19.3	4.7	13.0	59	5.3	0	6	7	16	2	0	0	0	0	0	0	0	0	0	0	1	7	11	7	5	0	0	0	0	0	0	0	0	0	0	0	
	21	1020.5	-	14.4	1.9	13.1	80	4.1	3	5	12	9	2	0	0	0	0	0	0	0	0	0	0	3	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
Upavon, Wiltshire	3	1020.3	-	14.6	1.6	13.7	82	5.9	1	3	5	14	8	0	0	0	0	0	0	0	0	2	2	1	9	5	9	3	0	0	0	0	0	0	0	0	0	0	0	
	9	1019.3	-	19.5	4.3	14.0	62	4.9	0	7	7	16	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		
	15	1020.7	-	14.5	1.6	13.4	82	4.5	0	8	8	14	1	0	0	0	0	0	0	0	0	0	0	1	11	13	2	4	0	0	0	0	0	0	0	0	0	0	0	
7a ENGLAND NW																																								
Carlisle, Cumberland	3	1018.6	-	10.8	0.6	12.1	93	5.0	5	6	2	6	11	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		
	9	1019.1	+5.7	13.8	1.7	12.9	82	5.9	1	4	5	12	8	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		
	15	1018.8	-	17.2	3.3	13.4	68	5.8	0	4	6	18	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</				



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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																	
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	dewpoint wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	0-99 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	NE	E	SE	S	SW	W	NW				
								mean	0	1-2	3-5	6-7												8	34 or more	22-33	6-7	4-5									1-3	calm		
number of observations															speed (kt)																									
8a SOUTH WALES—continued																																								
Rhoose, Glamorgan	3	1019.5	-	12.5	0.8	13.1	89	4.9	3	6	6	9	7	0	0	0	0	0	0	2	8	12	8	1	0	0	1	7	20	3	5	7	1	2	2	8	1	5		
69	9	1020.1	+4.8	15.7	2.2	13.8	77	5.0	0	0	6	11	6	0	0	0	0	0	0	1	7	17	17	3	2	0	0	0	0	18	18	18	0	1	8	6	1	1	2	
	15	1019.7	-	18.8	4.1	13.5	62	4.2	4	10	4	14	1	0	0	0	0	0	0	1	7	11	9	3	2	0	0	0	0	13	12	12	0	1	18	18	1	4	1	1
	21	1020.5	-	14.4	1.7	13.4	81	4.4	3	7	6	11	4	0	0	0	0	0	0	0	10	9	10	10	2	0	0	0	0	4	26	0	1	4	0	1	1	4	1	1
8b ENGLAND SW																																								
Yeovilton, Somerset	3	1019.7	-	12.4	1.0	12.9	89	3.8	9	5	5	4	8	0	0	0	1	0	0	2	1	9	13	5	0	0	0	0	0	4	10	17	1	3	2	1	4	1	3	3
23	9	1020.2	-	15.7	2.0	14.1	78	5.5	1	4	8	14	3	0	0	0	0	0	0	1	8	8	9	0	0	0	0	0	13	12	15	3	4	4	2	1	4	4	4	
	15	1019.8	-	19.8	4.4	14.0	61	4.6	1	2	8	19	1	0	0	0	0	0	0	3	8	13	4	0	0	0	0	0	1	13	12	5	3	8	5	3	2	1	5	
	21	1020.4	-	15.3	2.0	13.8	79	4.7	3	6	5	14	3	0	0	0	0	0	0	1	5	12	13	0	0	0	0	0	3	16	12	5	3	2	1	1	1	1	5	
Portland Bill Coastguard, Dorset	3	1019.6	-	14.0	0.9	14.3	89	3.7	11	3	4	5	7	1	0	0	0	0	0	2	1	10	10	7	0	0	0	0	10	19	1	5	8	4	0	1	2	4	6	5
54	9	1020.3	-	15.7	1.6	14.9	84	4.7	2	6	7	13	3	0	0	0	0	0	0	3	4	10	8	6	0	0	0	0	15	16	0	0	7	4	7	1	1	4	2	
	15	1020.1	-	18.2	3.2	14.5	79	4.9	0	8	8	11	2	0	0	0	0	0	0	2	3	12	6	8	0	0	0	0	2	9	20	0	0	0	0	5	4	2	5	
	21	1020.6	-	15.3	1.4	14.8	85	3.7	7	7	6	4	6	1	0	0	0	0	0	1	3	9	9	8	0	0	0	0	1	12	16	2	7	5	4	1	1	10	8	
Hartland Point, Devon	3	1019.6	-	13.8	0.9	14.2	89	3.0	10	7	6	4	4	0	0	0	0	0	0	0	8	10	10	3	0	0	0	3	11	12	5	5	2	8	0	3	2	4	2	2
93	9	1020.0	-	14.6	1.1	14.7	88	5.2	1	4	8	14	3	1	0	0	0	0	0	1	0	9	10	6	4	0	0	2	13	13	3	4	4	8	0	1	3	4	4	
	15	1020.0	-	15.9	1.6	15.0	83	4.4	3	6	9	11	2	0	0	0	0	0	0	0	0	12	7	5	0	0	0	2	9	16	4	4	2	6	0	0	3	5	7	
	21	1020.4	-	14.8	1.3	14.5	86	4.3	5	4	8	11	3	0	0	0	0	0	0	0	5	12	10	4	0	0	0	1	12	16	2	5	7	4	0	3	1	6	3	
Mount Batten, Devon	3	1019.6	-	13.0	0.9	13.5	89	3.6	8	9	2	3	8	1	0	0	0	0	0	1	12	12	3	1	0	0	0	6	19	5	4	1	7	1	3	1	4	5	5	
30	9	1020.2	+4.3	15.6	1.8	14.3	81	4.5	3	9	4	6	9	0	0	0	0	0	1	2	11	8	6	2	0	0	2	10	18	1	6	0	1	8	0	1	9	1	8	
	15	1019.9	-	18.2	3.2	14.5	70	4.9	0	6	7	15	3	0	0	0	0	0	0	0	11	7	6	7	0	0	0	17	14	0	1	6	0	1	6	0	2	11	2	5
	21	1020.8	-	14.9	1.7	13.9	82	3.5	6	8	6	9	2	0	0	0	0	0	0	4	9	9	6	3	0	0	0	5	23	3	4	1	4	1	1	3	5	9		
Chivenor, Devon	3	1019.8	-	12.7	0.9	13.2	89	3.8	7	4	9	6	5	0	0	0	0	0	1	0	10	4	15	1	0	0	0	7	15	9	3	0	8	3	3	1	3	1	3	
	9	1020.3	+4.9	15.2	0	14.5	81	5.2	0	8	6	10	6	1	0	0	0	0	1	0	9	7	11	2	0	0	1	12	14	4	5	1	5	3	1	3	6	3		
	15	1020.2	-	18.6	3.3	14.8	69	4.5	1	8	7	14	1	0	0	0	0	0	0	0	4	7	12	8	0	0	0	13	17	0	4	3	5	1	1	0	11	6	5	
	21	1020.9	-	14.8	1.6	14.0	83	4.2	3	9	5	13	1	0	0	0	0	0	0	1	6	7	14	3	0	0	0	6	15	10	3	2	2	1	1	1	0	6	5	
Prawle Point, Devon	3	-	-	-	-	-	-	2.9	13	6	2	4	6	0	0	0	1	1	0	0	20	8	0	0	1	4	17	7	2	9	3	3	1	3	1	7	2	2	2	
	9	-	-	-	-	-	-	4.7	3	5	9	4	10	0	0	0	2	2	3	13	11	0	0	0	5	14	9	3	4	2	9	0	0	0	4	5	4	4	4	
	15	-	-	-	-	-	-	3.7	5	7	11	2	6	0	0	0	1	0	0	2	2	16	7	3	0	1	5	14	9	2	0	2	8	0	0	4	12	2		
	21	-	-	-	-	-	-	3.4	5	12	5	2	6	1	0	0	1	0	0	2	17	10	0	0	0	3	15	11	2	6	2	4	2	0	1	6	8	8		
Exeter, Devon	3	1019.9	-	11.9	0.6	13.1	93	4.6	5	6	5	6	8	1	0	0	2	0	2	2	1	6	11	7	0	0	0	4	21	6	3	9	0	1	4	1	3	4	9	
	9	1020.3	+4.7	15.1	1.5	14.5	85	5.1	0	8	5	13	5	0	0	0	0	0	1	4	7	9	6	0	0	0	18	13	0	3	6	4	0	1	4	2	3	4	9	
	15	1019.9	-	19.3	3.7	14.7	66	5.1	1	5	8	16	1	0	0	0	0	0	0	0	9	4	3	15	0	0	2	15	14	0	4	5	0	0	6	2	4	6	6	
	21	1020.9	-	14.3	1.3	14.1	86	4.1	2	8	11	6	4	0	0	0	0	0	1	0	7	8	9	6	0	0	4	20	7	3	5	0	0	0	0	7	4	4		
Scilly, Cornwall	3	1020.2	-	13.9	0.5	14.9	94	3.9	8	6	5	3	7	2	0	0	1	0	0	1	5	6	13	4	0	2	9	16	4	8	5	3	2	1	2	4	2	2	2	
	9	1020.7	+4.9	15.7	1.3	15.5	87	4.4	2	9	7	7	5	1	0	0	0	0	2	6	5	6	7	4	0	1	9	18	3	5	6	4	0	2	1	3	4	2		
	15	1021.1	-	17.1	2.1	15.5	80	4.3	3	6	10	8	4	0	0	0	0	0	0	4	6	10	6	5	0	1	13	17	0	6	6	3	1	3	2	4	6	6		
	21	1021.3	-	14.3	0.8	14.8	91	3.8	1	11	10	4	3	2	0	0	2	0	2	1	6	8	10	2	0	1	12	17	1	8	5	3	0	0	0	0	4	5		
Gwennap Head, Cornwall	3	1019.8	-	13.7	0.5	14.9	94	3.9	8	7	1	9	5	1	0	0	0	0	0	0	5	12	12	1	0	0	5	14	11	5	6	7	4	1	2	3	3	4	4	
	9	1020.1	-	15.3	1.0	15.6	90	4.0	3	11	5	4	7	1	0	0	0	1	1	3	12	4	8	2	0	0	6	10	10	1	2	3	7	2	3	3	3	3	3	
	15	1020.4	-	16.7	1.5	16.2	85	4.0	1	10	9	5	5	1	0	0	0	0	0	11	11	5	3	0	0	3	14	12	2	4	4	2	3	5	6	4	6	6		
	21	1020.8	-	14.1	0.6	15.0	93	3.4	6	9	6	5	3	2	0	0	1	0	0	1	8	12	6	2	0	2	18	10	1	4	6	4	0	2	3	3	3	6	6	
St Mawgan, Cornwall	3	1020.2	-	13.2	0.9	13.6	89	3.9	7	6	6	5	7	0	0	0	0	1	1	2	9	8	8	2	0	0	8	19	4	7	2	7	1	3	1	4	2	2		
	9	1020.7	+5.4	15.2	1.7	14.2	82	5.0	1	6	7	12	5	0	0	0	0	0	0	4	10	4	8	4	0	0	10	20	1	8	2	4	4	1	2	6	3	3		
	15	1020.8	-	17.3	3.0	14.0	71	5.0	0	5	12	10	4	0	0	0	0	0	0	2	10	3	9	7	0	0	13	18	0	13	0	3	2	1	3	6	3	3		
	21	1021.5	-	14.1	1.2	14.0	87	3.9	1	15	2	10	3	0	0	0	0	0	0	2	4	13	9	3	0	0	4	23	4	6	3	5	0	4	3	3	3	3		
NORTHERN IRELAND																																								
Moneydig, Co. Londonderry	3	1019.1	-	12.8	0.9	13.2	89	6.8	0	0	3	22	6	0	0	0	0	0	0	3	9	8	11	0	0	0	6	25	0	5										



**Table 5 Number of days with maximum and minimum temperatures between given limits**
**August 1972**

Station	maximum °C							minimum °C							Station	maximum °C							minimum °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 (psychrometer)	0	0	0	31	0	0	0	0	0	0	0	0	0	23	8	0	Edgbaston	0	0	0	2	19	10	0	0	0	0	0	0	0	6	24	1	
Lerwick (large screen)	0	0	0	30	1	0	0	0	0	0	0	0	1	22	8	0	Kew (psychrometer)	0	0	0	0	10	21	0	0	0	0	0	0	0	0	12	18	1
Stornoway	0	0	0	19	12	0	0	0	0	0	0	0	4	14	13	0	Kew (north-wall screen)	0	0	0	0	9	22	0	0	0	0	0	0	0	0	5	24	2
Craibstone	0	0	0	5	25	1	0	0	0	0	0	0	3	22	6	0	Hastings	0	0	0	0	23	8	0	0	0	0	0	0	0	0	2	27	2
Rothsay	0	0	0	9	20	2	0	0	0	0	0	0	1	17	13	0	Southampton	0	0	0	0	12	17	2	0	0	0	0	0	0	0	5	23	3
Abbotsinch	0	0	0	1	27	3	0	0	0	0	0	2	14	15	0	0	Stonyhurst	0	0	0	1	23	7	0	0	0	0	0	0	0	0	12	19	0
Eskdalemuir (psychrometer)	0	0	0	10	19	2	0	0	0	0	0	0	11	10	10	0	Rhyl	0	0	0	1	28	2	0	0	0	0	0	0	0	8	23	0	
Eskdalemuir (large screen)	0	0	0	7	19	5	0	0	0	0	0	0	10	11	10	0	Valley	0	0	0	2	26	3	0	0	0	0	0	0	0	13	18	0	
Douglas	0	0	0	8	23	0	0	0	0	0	0	0	0	6	25	0	Rhoose	0	0	0	0	17	14	0	0	0	0	0	0	1	8	22	0	
Acklington	0	0	0	5	20	6	0	0	0	0	0	0	2	17	12	0	Falmouth	0	0	0	0	22	9	0	0	0	0	0	0	0	5	26	0	
Gorleston	0	0	0	0	19	12	0	0	0	0	0	0	0	3	23	5	Aldergrove	0	0	0	2	27	2	0	0	0	0	0	0	1	12	18	0	
Cambridge Botanic Gardens	0	0	0	0	10	21	0	0	0	0	0	0	0	13	17	1	Armagh	0	0	0	3	25	3	0	0	0	0	0	0	2	16	13	0	

**Table 6 Summary of autographic records of wind**
**August 1972**

District, county and place		height of vane (metres)		distribution of hourly mean values of wind speed								mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt				11-21kt		4-10kt		less than 4 kt		no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
					dates of occurrence	duration (hours)	no. of days	Duration in hours		veer from N	speed (kt)		hour ended at day hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Table 6 Summary of autographic records of wind

August 1972

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
					dates of occurrence	duration (hours)	no. of days	Duration in hours					year from N	speed (kt)		hour ended at day hour	year from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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Year	Month	Station	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day		precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
					max. (a)	min. (b)			max.	date	min.	date						0.2 mm or more	1.0 mm or more															
1942*	June	Valley			48.3	55.7																												
	* Annual				44.5																													
1963	January	Porton			-0.7				2.8	26																								
1969	February	Eskdalemuir			11.9																													
		Creightons																																
		Green			-0.8	1.3																												
	Annual	Eskdalemuir																																
		Creightons																																
		Green																																
1971	January	Oxford					+1.1																											
		Edgbaston																																
		Rustington			7.8	2.6	5.2	-	10.6	23	-6.3	2	-	6.8	86	109	9	16	22	16	-	1	-	-	-	-	8	-	-	-	1.72	-		
	February	Edgbaston																																
		Rustington			8.4	(1.3)	(4.9)	-	10.8	23.24	-3.3	16	-	7.2	17	32	6	14	8	5	-	0	-	-	-	-	10	-	-	-	2.67	-		
	March	Edgbaston																																
		Rustington			8.9	(1.6)	(5.3)	-	13.3	30	-5.6	7	-	6.8	57	118	16	14	7	7	-	0	-	-	-	-	10	-	-	-	3.74	-		
	April				11.9	4.2	8.1	-	20.8	21	-1.1	18	-	8.8	44	91	18	23	5	4	-	0	-	-	-	-	2	-	-	-	5.11	-		
	May				17.2	6.8	12.0	-	23.6	14	0.3	3	-	11.7	38	84	14	15	10	9	-	0	-	-	-	-	0	-	-	-	8.04	-		
	June				17.2	8.9	13.1	-	24.6	3	5.0	13	-	13.7	133	333	32	14	10	9	-	0	-	-	-	-	0	-	-	-	5.21	-		
	July				21.8	11.6	16.7	-	27.8	9	5.8	14	-	16.1	20	35	9	27	5	3	-	0	-	-	-	-	0	0	-	-	7.98	-		
	August				19.4	12.5	15.9	-	22.5	18	5.0	17	-																					

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## MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Met. O. 852

UDC 551 506 1(41-4)

SEPTEMBER 1972

VOLUME 89

NUMBER 9



3 8078 0006 6126 6

## Cool with dry spells; abnormally low rainfall in the north

An anticyclone covered the British Isles during the first 5 days but pressure was relatively low from the 6th to 13th and a vigorous depression crossed England and Wales on the 8th and 9th. Anticyclonic conditions returned on the 14th to dominate the weather during the remainder of the month, although troughs of low pressure briefly affected some eastern areas until the 19th.

## Weather

It was warm and dry at first but the weather soon became cool and rain in England and Wales on the 8th and 9th ended a spell of 30 days or so without measurable rainfall in some areas. After a changeable period from the 6th to 13th, during which sleet (rain or drizzle and snow) fell at times in the Scottish Highlands, mainly dry weather returned to most districts and it was sunny in the west. However, rain or showers continued to occur at times in eastern areas until the 20th. During the latter half of the month morning fog occurred frequently in England and south Scotland but generally it dispersed quickly.

## Wind

Winds during the month were often strong on exposed coasts but gales were seldom reported. However, overnight on the 8th/9th along the English Channel coast southerly winds reached gale force with gusts of around 40 kt in places in the early hours of the 9th. Later on the 9th northerly winds approached gale force for a short period in the morning along the coast of north-east England. On the 30th gale force southerly winds occurred locally in west Scotland and a gust of 49 kt was recorded at Stornoway (Ross and Cromarty).

## Temperature

A very cool month with monthly mean temperature everywhere below average resulted from a preponderance of winds from between north and east. In parts of England and Wales, in the Channel Islands and here and there in Scotland monthly mean temperature was 2.0 to 2.5 degC below average. Many stations recorded their coolest September since 1952 while Shawbury (Shropshire) had its coolest September since records began in 1946. The month began warm and the temperature reached 25.0°C at Mickleham (Surrey) on the 1st and 24.8°C at Fannart (Dunbartonshire) on the 3rd. Thereafter, however, with the exception of a few days around the 22nd mainly in the southern half of the United Kingdom, temperatures were generally below average. Air frost occurred on most nights locally in Scotland and it was occasionally widespread there during the second and fourth weeks.

## Rainfall

Rainfall was unusually low in many regions with the average exceeded only in the Nottinghamshire area and in the vicinity of

the Thames estuary. It was abnormally dry in the northern half of the United Kingdom where some places had only 1 to 2 mm of rain during the whole month. Scotland had its driest September since 1894 while in Northern Ireland it was the driest September since comparable records commenced at the beginning of this century. Nowhere in Northern Ireland did rainfall reach half the average and less than a quarter of average occurred in most areas. Rainfall over almost the whole of Scotland was also below half the average with less than a quarter of average over much of the country south of the Great Glen. Parts of north and south-west England and most of Wales had less than half the average rainfall also, while less than a quarter of average occurred in the Lake District and the Isle of Man. Rainfall amounts of less than 10 per cent of average were common in Northern Ireland and east and south Scotland. Some long-established stations whose records date back to the last century had their lowest September rainfall on record. These include the following stations where the records commenced in the year stated: Loch Leven sluices (1842), Lothrie reservoir (1881), Carriston reservoir (1886), all in Fife, and Ballymena (1877) in Co. Antrim. Only small amounts of rain fell in the United Kingdom during the first 5 days and last 10 days of the month. Most areas had rain or showers during the intervening period although from the 14th to 20th amounts were mostly small and some places in Wales and western England were completely dry. Rain in Scotland and Northern Ireland overnight on the 6th/7th spread to England and Wales on the 7th but amounts of rain were small in southern England. However, on the 8th and 9th a vigorous depression brought heavy rain to England and Wales. In the 24 hours from 09 GMT on the 8th rainfalls in excess of 60 mm occurred in parts of south Wales and the Midlands; these included 71.6 mm

at Llyn Fawr (Glamorgan) and 70.3 mm at Llanfoist (Monmouthshire). An area of thundery rain and thunderstorms affected parts of East Anglia and south-east England overnight on the 18th/19th. Rain was heavy locally near the coasts of Essex, Kent and Suffolk; 65.4 mm of rain were recorded at Southwold (Suffolk) in the 24 hours beginning at 09 GMT on the 18th.

## Sunshine

Broadly speaking sunshine was above average in the west of the United Kingdom and below average in the east. Although in many instances sunshine amounts were not far from average, a few areas presented a marked contrast. For example in west Scotland Helensburgh (Dunbartonshire) and Springburn Park in Glasgow had their sunniest September since 1911 and 1914 respectively while, on the other hand, in eastern England Hull (East Riding of Yorkshire) had its dullest September since 1941 and Gorleston (Norfolk) and Lowestoft (Suffolk) had their dullest September since 1945.

## Fog

Fog occurred on the first 3 mornings in Scotland, northern England and the Midlands; on the 2nd fog persisted into the afternoon near the coasts of south-east Scotland and north-east England. During the second half of the month morning fog was a common feature of the weather in England and southern Scotland. The fog generally dispersed during the early part of the morning but occasionally it persisted later and on the 21st fog did not clear in coastal areas of south-east and southern England until the afternoon.

## Miscellaneous phenomena

Observers in Scotland reported the aurora on 10 nights.

Table 1 District values

September 1972

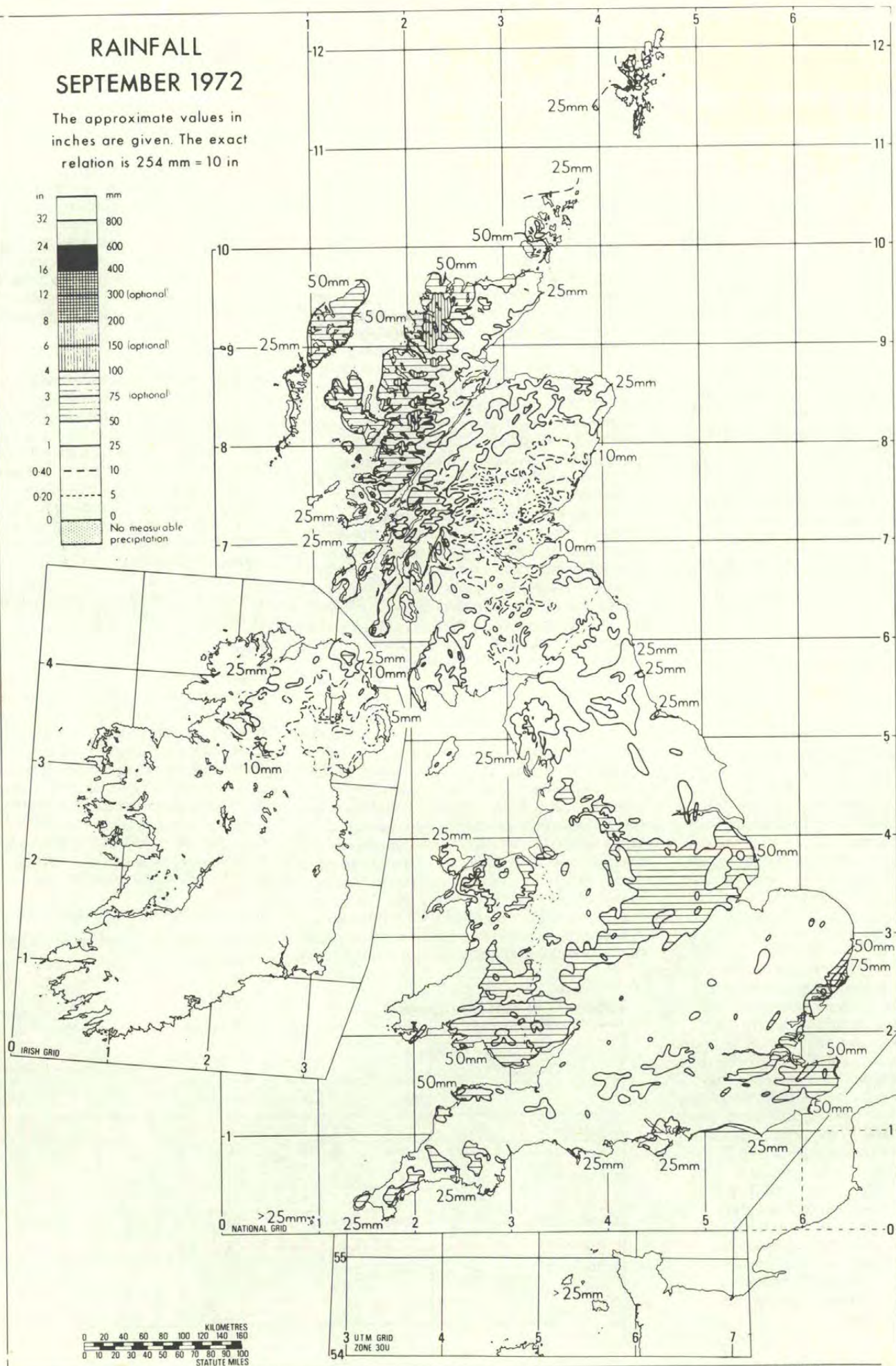
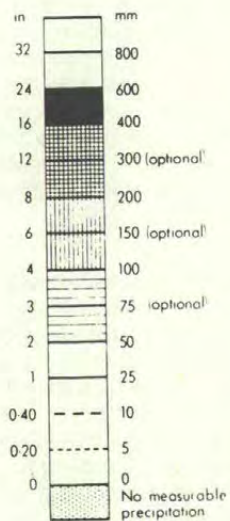
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max	min	mean				
	Max †	Min †	difference from average						
0 Scotland N	21.0	−2.0	−1.0	−2.0	−1.5	—	−7	35	95
1 Scotland E	22.8	−1.0	−1.2	−1.5	−1.3	−0.2	−7	18	91
2 England N E	22.4	−0.6	−2.2	−1.9	−2.0	−0.6	−7	58	80
3 England E	23.0	1.5	−2.3	−1.8	−2.0	−1.3	−6	75	82
4 Midland Counties	21.6	−0.5	−2.3	−2.0	−2.1	−1.1	−8	72	81
5 England S E	22.3	1.3	−1.8	−1.9	−1.9	−1.6	−7	61	93
6 Scotland W	23.3	−1.9	−0.6	−2.4	−1.5	−0.2	−11	17	122
7 Eng N W · Wales N	23.5	0.5	−1.3	−2.3	−1.8	−0.6	−9	39	116
8 Eng S W · Wales S	23.6	−0.6	−1.5	−2.2	−1.8	−0.9	−10	50	113
N Ireland	23.5	−1.0	−0.4	−2.7	−1.5	—	−11	14	123
Scotland	23.3	−2.0	−0.9	−2.0	−1.4	—	−8	24	103
England & Wales	23.6	−0.6	−1.9	−2.0	−1.9	—	−8	59	94

† Highest max. and lowest min. of the District Value Stations

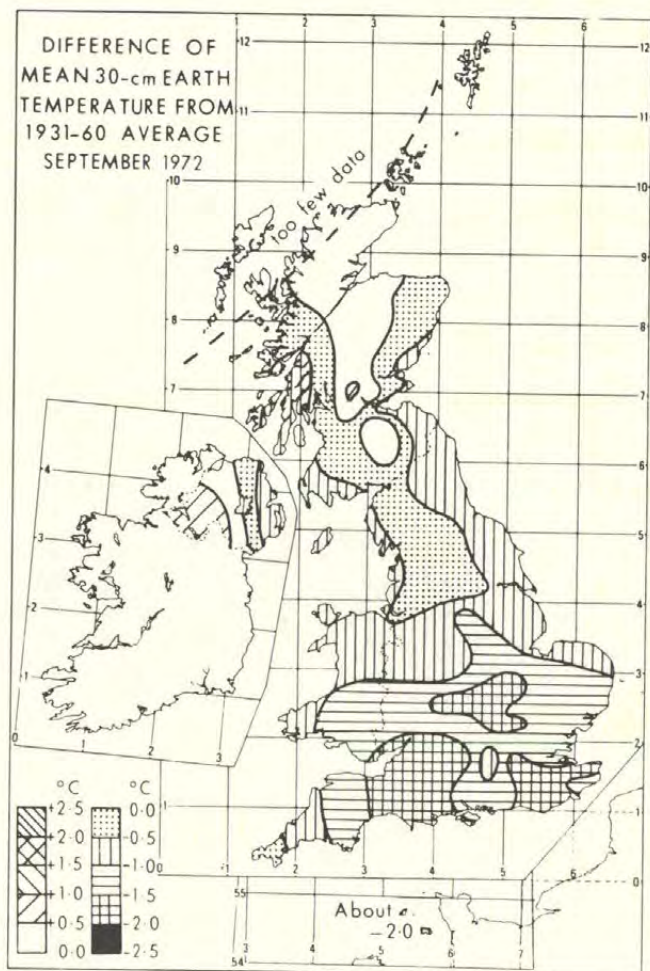
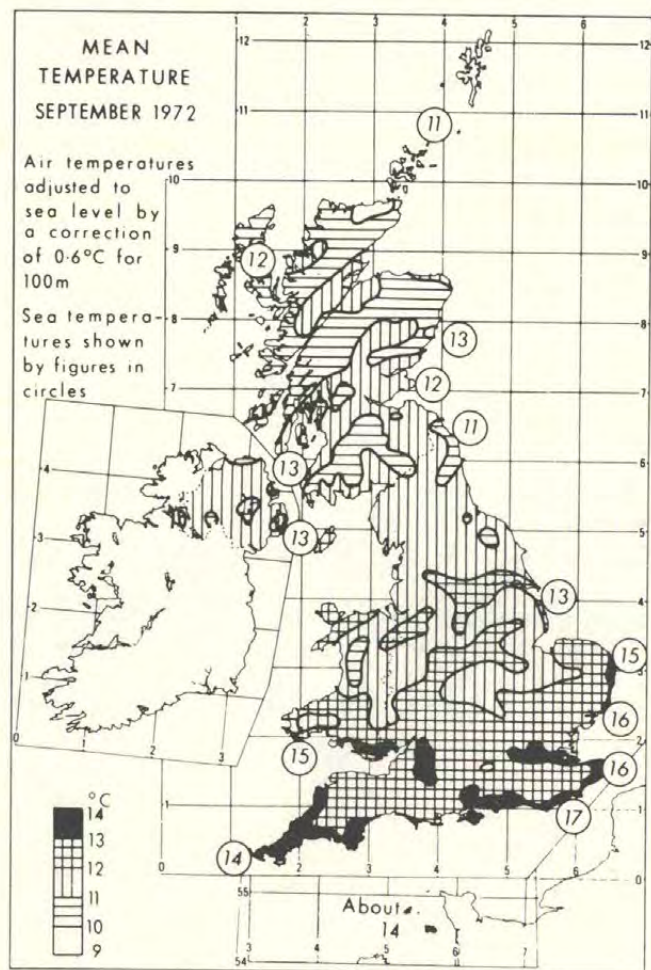
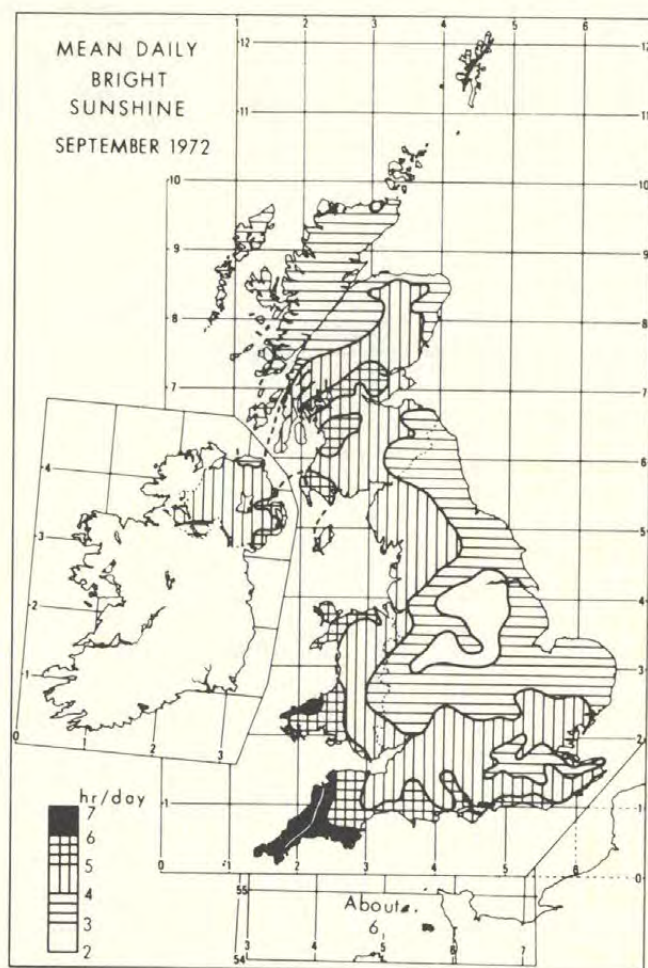
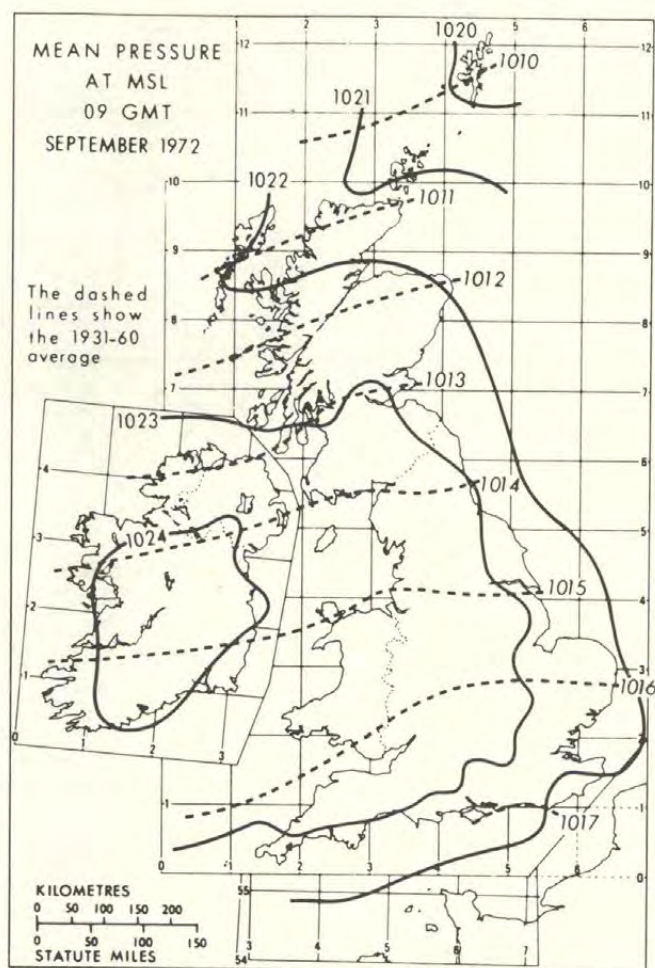


# RAINFALL SEPTEMBER 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in









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	354	8	86	28	221.6	30	238	1	87	28	156.8	30	476	12	109	28	298.4	30
Esksdalemuir	490	30	78	6	256.7	30	226	3	79	6	157.5	30	617	2	101	29	309.9	30
Cardington	441	10	75	18	252.0	30	235	4	72	18	156.1	30	—	—	—	—	—	—
London Weather Centre	421	11	45	18	249.2	30	246	7	45	18	155.4	30	541	1	75	18	324.4	30
Kew																		
Easthampstead	469	6	73	18	276.7	30	367	6	68	18	178.8	30	530	6	102	18	321.6	30
Aberporth	535	1	109	8	353.3	30	253	4	79	26	170.4	30	—	—	—	—	—	—
Aldergrove	479	2	177	4	284.9	30	227	3	159	4	176.8	30	—	—	—	—	—	—
Jersey Airport	540	1	106	13	351.3	30	296	12	95	24	169.1	30	641	10	127	13	373.9	30

September 1972

[illegible]



District, county and place		max		min		mean		highest max and lowest min		mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
		terminal h (GMT)		of observation		height of station above MSL (metres)		air temperature in °C		30 cm (°C)		100cm (°C)		total fall (mm)		percentage of 1916-50 average		amount (mm)		most in a day		precipitation		snow or sleet		snow lying at 09h		hail		ice pellets, etc		thunder heard		fog at 09h		air frost		grass min below 0°C		frost min below 0°C		gale		daily mean (hours)		percentage of 1931-60 average		exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		max (a)		min (b)		daily mean (mean of a & b)		difference from 1931-60 average		max		date		min		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max		date		max	



Table 3 Summary of daily observations

September 1972

District, county and place	max terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	snow or sleet 10 mm or more	snow or sleet snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max (a)	min (b)			max	date	min	date					amount (mm)	date																
1 SCOTLAND E — continued																																
Roxburgh																																
Wauchope	9 9	155	14.6	5.2	9.9	-	22.6	2	-1.5	26	-	-	19	23	7	12	9	4	0	0	0	0	0	0	3	-	0	-	-	-	-	
Kelso	9 9	34	15.6	6.2	10.9	-	23.2	1	-1.0	26	-	-	14	-	7	12	5	3	0	0	0	0	0	0	3	3	-	0	3.54	-	-	
Sourhope	9 9	221	14.0	6.2	10.1	-1.4	23.1	1	-0.6	8	-	-	27	-	11	12	8	5	0	0	0	0	0	0	2	6	-	0	3.65	-	-	
(see Introduction)																																
6a SCOTLAND W																																
Argyll																																
Tiree	21-9	9	14.1	8.3	11.2	-1.4	18.6	2	4.1	8	-	-	43	41	10	20	11	8	0	0	0	1	0	1	0	3	0	0	4.47	106	-	-
Port Ellen	9 9	18	14.7	6.6	10.7	-	19.6	1	0.2	9	-	-	25	-	8	20	8	7	0	0	0	0	0	0	0	0	0	-	-	-	-	
Rhuvaal	21-9	20	14.2	8.7	11.5	-	17.7	23	(3.1)	9	-	-	24	17	11	20	7	5	0	0	0	0	0	1	0	0	0	-	-	-	-	
Colonsay	9 9	30	14.9	7.7	11.3	-1.4	19.0	2	2.5	9	-	-	34	27	10	12	9	9	0	0	0	0	0	7	0	-	-	-	-	-	-	
Aros	9 9	37	15.2	5.1	10.1	-	21.4	2	-1.8	9	-	-	42	-	13	20	10	8	0	0	0	0	0	1	1	13	-	-	-	-	-	
Machrihanish	21-9	10	14.7	7.2	10.9	-	18.5	1	-0.3	9	-	-	15	15	7	20	9	6	0	0	0	0	0	0	1	2	1	0	4.89	-	-	
Campbeltown	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.64	
Polloch	9 9	15	14.9	5.6	10.3	-	(21.1)	2	1.5	8.10	-	-	63	-	21	13	13	9	0	0	0	1	0	-	0	0	-	-	-	-	-	
Knapdale Forest	9 9	40	14.8	5.0	9.9	-	20.5	2	0.1	9	-	-	45	-	11	12	10	8	-	-	-	-	-	0	11	-	-	-	-	-	-	
Dunstaffnage	9 9	3	15.1	7.3	11.2	-	20.3	2	1.0	9	-	-	30	-	11	20	9	7	0	0	0	0	0	0	0	-	-	-	-	-	-	
Glenbranter	9 9	24	15.4	5.5	10.5	-	22.5	2	-1.1	9	-	-	34	-	17	20	9	6	0	0	0	0	0	0	3	12	-	-	-	-	-	
Glen Etive	9 9	24	15.8	4.3	10.1	-	22.6	2	-3.0	9	-	-	54	-	17	20	11	9	0	0	0	0	0	-	1	16	-	-	-	-	-	
Benmore Younger																																
Botanic Gardens	9 9	12	15.6	6.6	11.1	-	23.2	3	0.0	8	-	-	33	16	13	20	9	8	0	0	0	0	0	1	0	8	-	-	-	-	-	
Bute																																
Kildonan	21-9	18	15.4	9.1	12.3	-	19.0	2.3	3.5	8	-	-	18	-	8	20	7	4	0	0	0	0	0	0	0	0	0	0	4.78	-	-	
Brodict Castle	9 9	15	15.7	7.0	11.3	-	23.5	2	1.3	9	13.8	-	20	13	10	20	6	5	0	0	0	0	0	0	0	3	-	-	-	-	-	
Rothsay	9 9	43	15.4	7.5	11.5	-1.0	23.0	2	2.5	8.9	11.8	12.3	27	21	7	20	10	7	0	0	0	0	0	0	0	4	-	0	5.13	139	-	-
Dunbarton																																
Finnart	9 9	15	15.6	7.1	11.3	-	24.8	3	0.5	9	-	-	22	-	7	20	6	4	-	0	-	-	-	0	0	-	-	-	-	-	-	
Helensburgh	9 9	89	14.6	6.6	10.6	-1.6	22.0	2	0.9	9	-	-	22	18	10	20	7	5	0	0	0	0	0	2	0	-	-	0	5.14	149	-	-
Sloy	21-9	12	15.3	7.0	11.1	-	22.3	2	1.0	9	-	-	23	-	9	20	7	5	0	-	0	0	0	0	0	-	-	-	-	-	-	
Arrochymore	9 9	37	15.7	6.3	11.0	-	23.0	2	0.2	9	-	-	12	-	7	20	5	4	0	0	0	0	0	3	0	6	-	0	5.12	-	-	
Cumbernauld	9 9	94	15.3	5.3	10.3	-	22.0	2	-1.2	26	-	-	13	-	5	20	4	4	0	0	0	0	0	0	3	7	-	-	-	-	-	
Stirling																																
Earls Hill	21-9	335	13.4	5.9	9.7	-	20.5	2	0.5	8	-	-	13	-	7	20	6	3	0	-	0	0	0	0	0	5	3	0	5.01	-	-	
Stirling Batterflats	9 9	38	17.1	5.7	11.4	-	23.6	2	-1.9	8	13.7	13.9	5	-	2	20	4	3	0	0	0	0	0	0	4	8	-	0	4.69	-	-	
Parkhead	9 9	107	16.5	5.7	11.1	-	22.5	2	-0.6	8	13.6	-	3	-	2	20	2	2	-	0	-	-	-	0	1	-	-	-	-	-	-	
Falkirk Sewage Works	9 9	3	16.0	6.6	11.3	-	22.5	1	-0.2	26	-	-	8	-	3	6	5	3	0	0	0	0	0	0	1	-	-	0	4.63	-	-	
Grangemouth	9 9	4	16.1	7.3	11.7	-	22.6	3	1.6	8	-	-	7	-	2	6	6	3	-	0	-	-	-	2	0	0	-	-	-	-	-	
Renfrew																																
Greenock	9 9	61	15.0	8.4	11.7	-1.1	21.9	2	3.4	9	-	-	15	11	8	20	7	5	0	0	0	0	0	3	0	3	-	0	5.22	143	-	-
Paisley	9 9	32	16.5	7.8	12.1	-0.9	23.9	2	1.4	26	13.0	13.1	11	12	4	20	7	4	0	0	0	0	0	4	0	1	-	0	4.69	125	-	-
Barrhead	9 9	30	15.7	6.7	11.2	-	22.8	2	-0.7	26	-	-	12	12	6	20	7	4	0	0	0	0	0	1	2	2	-	0	-	-	-	
Abbotsinch	21-9	5	16.2	5.8	11.0	-1.6	23.3	2	-1.9	26	-	-	11	12	3	12.20	6	4	0	0	0	0	0	5	4	9	6	0	4.72	128	-	-
Lanark																																
Crossmyloof	9 9	23	16.3	6.8	11.5	-	(23.0)	2	0.0	26	-	-	11	-	3	20	8	5	0	0	0	0	0	0	0	-	-	-	-	-	-	
East Kilbride	9 9	178	14.6	6.1	10.3	-	22.2	2	-0.7	25	-	-	15	-	5	20	8	6	0	0	0	0	0	0	3	-	-	0	5.44	-	-	
Glasgow, Springburn	9 9	107	15.4	7.0	11.2	-1.0	22.4	2	1.6	26	-	-	10	11	3	20	6	4	0	0	0	0	0	0	0	5	-	0	4.81	148	-	-
Coatbridge	9 9	78	16.1	6.1	11.1	-1.2	24.0	2	0.0	26.27	-	-	9	11	5	6	6	4	0	0	0	0	0	0	0	-	-	-	-	-	-	
Leadhills	9 9	387	13.9	4.2	9.1	-1.4	21.1	3	-1.8	8	-	-	23	17	6	20	1															



Table 3 Summary of daily observations

September 1972

District, county and place	max terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine						
			means of				highest max. and lowest min				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation 0-2 mm or more	1-10 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure		
			max (a)	min (b)	daily mean (mean of a & b)	difference from 1931-50 average	max	date	min	date																							
6b ISLE OF MAN																																	
Isle of Man																																	
Ronaldsway	21-9	16	15.8	8.2	12.0	-	21.9	2	2.5	8	-	-	16	20	9	8	6	4	0	0	0	0	1	0	0	0	0	0	1	0	5.14	-	-
Douglas	9-9	87	15.0	9.1	12.1	-1.0	21.7	2	4.0	8	-	-	15	14	9	8	9	3	0	0	0	0	0	0	0	0	2	0	0	4.72	103	-	
Point of Ayre	21-9	9	15.7	9.3	12.5	-	21.6	2	5.4	28	-	-	13	18	5	8	5	5	0	0	0	0	0	0	0	0	0	0	0	4.77	-	-	
2 ENGLAND NE																																	
Northumberland																																	
Kielder Castle	9-9	201	14.2	-	-	-	21.9	1	-3.2	10	12.7	-	36	32	17	6	12	6	-	0	-	-	-	0	3	4	-	0	-	-	-		
Haydon Bridge	9-9	79	15.3	6.0	10.7	-	24.0	1	0.6	10	13.1	13.8	23	-	9	12	7	4	0	0	0	0	0	0	1	6	-	0	-	-			
Corbridge	9-9	49	15.3	6.0	10.7	-	24.0	1.2	0.0	8	-	-	36	-	11	12	8	6	0	0	0	0	0	0	0	5	-	0	-	-			
Berwick-on-Tweed	9-9	23	14.1	7.7	10.9	-1.5	19.4	5	1.7	10	-	-	19	36	9	8	6	4	0	0	0	0	0	0	0	4	-	0	3.84	85	-		
Acklington	21-9	42	14.5	6.6	10.5	-1.6	20.3	1	2.2	8	-	-	25	45	15	8	6	3	0	0	0	0	0	1	0	1	0	0	3.82	-	-		
Tynemouth	21-9	29	13.8	8.7	11.3	-1.9	17.8	22	4.0	10	-	-	27	45	13	8	7	5	0	0	0	0	0	1	0	0	0	0	4.00	97	-		
Seahouses	21-9	11	14.1	6.6	10.3	-	18.8	1	0.7	8	-	-	17	-	7	8	8	3	0	0	0	0	0	1	0	1	0	0	3.75	-	-		
Durham																																	
Chopwellwood	9-9	136	14.5	7.2	10.9	-1.6	22.0	1	2.0	8.10	-	-	25	40	12	8	9	4	0	0	0	0	0	2	0	8	-	0	-	-			
Durham	9-9	102	15.5	6.9	11.2	-1.5	22.4	1	2.0	8	12.8	13.4	24	40	13	8	6	4	-	-	-	-	1	0	2	-	0	3.71	90	-			
Hartburn Grange	9-9	31	15.1	6.0	10.1	-	21.6	1	-0.6	8.10	-	-	24	-	16	8	7	2	0	0	0	0	0	2	2	6	-	0	3.35	-	-		
Hartlepool	9-9	9	-	-	-	-	-	-	-	-	-	-	31	56	20	8	7	3	0	0	0	0	0	0	0	-	-	0	3.56	-	-		
Yorkshire N Riding																																	
Leeming	21-9	32	15.6	7.1	11.3	-	21.9	1	2.0	26	-	-	24	45	15	8	5	2	0	0	0	0	0	1	0	5	0	0	4.04	-	-		
Marton	9-9	46	15.3	7.7	11.5	-	22.0	1	1.5	10	13.1	13.4	38	-	19	8	10	8	0	0	0	0	0	0	0	3	-	0	3.67	-	-		
York (Heslington)	9-9	20	15.6	7.8	11.7	-	22.4	1	2.6	29	13.3	13.9	27	-	20	8	8	4	0	0	0	0	0	0	0	1	-	0	3.30	-	-		
Pickering	9-9	44	15.3	5.4	10.3	-	21.1	1	-1.7	10	-	-	27	-	21	8	6	3	0	0	0	0	0	1	4	9	-	0	-	-			
Scarborough	9-9	53	14.7	8.5	11.6	-	19.0	22	3.4	10	13.0	13.6	35	-	29	8	7	3	0	0	0	0	0	0	0	3	0	0	3.37	74	-		
Silpho Moor	9-9	203	13.7	7.2	10.5	-	18.2	1	3.2	26	11.4	-	44	64	33	8	12	3	0	0	0	0	0	0	0	5	-	0	3.44	-	-		
Whitby Coastguard	21-9	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Yorkshire E Riding																																	
High Mowthorpe	9-9	175	14.0	6.9	10.5	-	20.9	1	0.8	29	12.0	-	29	47	23	8	7	3	0	0	0	0	0	0	0	7	-	0	3.25	-	-		
Hull	9-9	2	15.7	8.9	12.3	-2.1	21.2	2	4.0	10.26	13.7	14.1	37	72	31	8	7	3	0	0	0	0	0	0	0	3	-	0	3.10	71	-		
Filey	9-9	37	14.3	7.4	10.9	-	18.0	7	1.0	26	-	-	32	58	28	8	5	3	0	0	0	0	0	0	0	0	-	0	3.28	-	-		
Bridlington	9-9	48	14.5	7.5	11.0	-2.1	18.2	22	1.8	8	-	-	29	50	24	8	7	3	0	0	0	0	0	1	0	0	-	0	3.32	72	-		
Kilnsea	21-9	12	14.4	9.6	12.0	-	18.0	6	4.1	10	-	-	36	-	26	8	6	5	0	0	0	0	0	1	0	-	-	1	-	-			
Lincoln																																	
Waddington	21-9	68	15.2	8.1	11.7	-2.1	20.5	1	2.9	26	-	-	54	-	45	8	6	4	0	0	0	0	0	2	0	0	0	0	3.16	70	-		
Lincoln	9-9	7	15.6	6.6	11.1	-2.6	20.9	1.2	-0.6	27	13.8	14.1	57	115	47	8	6	5	0	0	0	0	0	2	1	6	-	0	3.00	-	-		
Cranwell	9-9	62	15.2	7.8	11.5	-2.3	20.4	1	3.5	26	13.7	14.6	48	95	37	8	7	4	0	0	0	0	0	0	0	5	0	0	3.34	73	-		
Brigg	9-9	3	15.9	7.1	11.5	-	21.4	2	0.3	8	-	-	36	-	30	9	7	3	0	0	0	0	0	1	0	9	-	0	-	-			
Binbrook	21-9	108	14.4	7.9	11.1	-	18.3	22	4.0	8	-	-	55	-	45	8	8	4	0	0	0	0	0	0	0	3	0	0	3.28	-	-		
Cleethorpes	9-9	7	16.0	9.5	12.7	-1.7	18.8	7	5.0	11.12.30	-	-	24	51	16	9	6	4	-	-	-	-	0	0	0	-	-	0	3.41	71	-		
Manby	21-9	17	15.2	8.3	11.7	-	19.1	22	3.7	8	14.0	-	51	105	38	8	8	6	0	0	0	0	0	0	0	1	0	0	3.06	-	-		
Skegness	9-9	5	15.2	9.0	12.1	-2.1	19.0	7	3.5	10	-	-	48	94	37	8	7	5	0	0	0	0	0	0	0	0	-	0	2.75	57	-		
3 ENGLAND E																																	
Norfolk																																	
Terrington St Clement	9-9	3	15.9	8.0	11.9	-2.4	19.4	22	3.3	26	13.2	-	37	-	23	8	6	6	0	0	0	0	0	0	0	4	-	0	3.37	72	-		
Marham	21-9	23	15.9	8.1	12.0	-	20.2	1	3.2	27	-	-	27	-	14	8	9	5	0	0	0	0	0	0	0	1	0	0	-	-			
Santon Downham	9-9	24	-	4.7	-	-	-	-	-0.6	27	13.4	13.8	33	54	9	8	9	6	-	-	-	-	-	-	2	16	-	0	3.51	-	-		
East Dereham	9-9	53	16.8	7.8	12.3	-	21.4	22	2.2	30	-	-	33	-	10	8	11	7	0	0	0	0	0	0	0	4	0	0	-	-			
Morley St Botolph	9-9	48	15.8	7.6	11.7	-	21.4	1	3.7	30	13.4	-	41	-	13	18	7	6	0	0	0	0	0	0	0	0	0	-	0	3.82	-	-	
Cromer	9-9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Scole	9-9	30	16.3	7.7	12.0	-	21.8	1	1.7	30	13.8	14.6	39	-	15	18	8	6	0	0	0	0	0	1	0	0	-	0	3.67	-	-		
Coltishall	21-9	17	15.8	8.9	12.3	-	19.6	7	2.1	30	-	-	43	-	15	18	11	8	0	0	0	0	0	0	0	1	0	0	-	-			
Gorleston	21-9	4	16.4	10.5	13.5	-1.3	20.0	7	7.0	11	14.7	14.8	44	77	23	18	9	8	0	0	0	0	0	0	0	0	0	0	3.90	77	-		
Suffolk																																	
Brooms Barn	9-9	75	15.9	8.2	12.1	-	21.5	1	3.5	26	13.6	14.6	46	-	23	18	7	5	0	0	0	0	0	0	0	0	-	0	3.81	-	-		
Honington	21-9	51	16.2	7.8	12.0	-	21.8	1	4.2	10.20.26	-	-	37	-	18	18	6	6	0	0	0	0	1	0	0	1	0	0	-	-			
East Bergholt	9-9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Wattisham	21-9	89	15.9	7.5	11.7	-	21.1	1	4.4	11	-	-	45	85	27	18	8	5	0	0	0	0	1	0	0	1	0	0	3.97	-	-		
Aldeburgh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.66	-	-		
Lowestoft	9-9	25	16.3	9.9	13.1	-1.6	21.3	7	5.7	11	14.4	14.5	39	74	26	18	9	8	0	0	0	0	0	0	0	0	0	0	3.82	75	-		
Cambridge																																	
Boxworth	9-9	44	16.3	8.3	12.3	-	22.5	1	2.4	26	-	-	31	70	17	8	5	5	0	0	0	0	0	1	0	2	-	0	4.20	-	-		
Mepal	9-9	1	16.6	7.0	11.8	-	22.3	1.2	-0.7	26	13.8	13.8	28	-	14	8	7	5	0	0	0	0	0	1	1	3	-	0	3.50	-	-		
March	9-9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Cambridge	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Botanic Gardens	9-9	12	16.8	7.9	12.3	-2.0	23.0	1	1.5	6	14.0	14.6	26	51	7	8	5	5	0	0	0	0	0	1	0	1	-	0	-	-			
National Institute of Agricultural Botany	9-9	26	16.5	7.9	12.2	-2.1	22.6	1	2.5	26	-	-	34	67	9	8	6	6	0	0	0	0	0	2	0	2	-	0					



Table 3 Summary of daily observations

September 1972

District, county and place	max (min) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916 50 average	most in a day	precipitation	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931 60 average	exposure			
			max (a)	min (b)			max	date	min	date																						
3 ENGLAND E — continued																																
Essex																																
Little Parndon	9 9	54	16.2	7.6	11.9	-	-	22.6	1	2.5	26.27	-	-	33	-	12	8.18	5	4	0	0	0	0	0	1	0	0	0	0	4.9	-	-
Harlow	9 9	79	16.9	7.6	12.3	-	-	22.4	1	2.9	27	-	14.2	14	-	8	13	5	3	0	0	0	0	0	0	0	0	0	0	0	-	-
Stansted	21-9	101	15.8	7.9	11.9	-2.0	-2.0	22.4	1	4.4	26.27	-	-	36	64	14	18	5	5	0	0	0	0	0	3	0	0	0	0	3.54	-	-
Whittle	9 9	32	16.8	7.5	12.1	-	-	23.0	1	2.4	27	13.4	-	52	107	32	18	5	5	3	0	0	0	0	1	3	0	4	0	0	-	-
Southend	9 9	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Maldon	9 9	4	16.8	8.9	12.9	-	-	21.7	1	3.4	21	-	-	-	-	-	-	-	-	0	0	0	0	1	0	0	0	-	0	-	-	
Earls Colne	9 9	49	16.8	8.0	12.4	-	-	22.5	1	3.6	21	13.6	14.2	49	103	24	18	7	6	0	0	0	0	0	1	0	0	0	0	4.36	86	-
Shoeburyness	21-9	2	16.3	9.1	12.7	-2.5	-2.5	20.3	7	4.2	21	-	-	54	131	24	18	7	7	0	0	0	0	0	1	1	0	0	0	4.02	76	-
Clacton-on-Sea	9 9	16	15.9	9.6	12.7	-2.3	-2.3	19.6	7	6.1	10	14.6	14.7	41	85	17	18	8	6	0	0	0	0	0	2	1	0	0	0	4.02	-	-
Walton-on-Naze	21-9	5	15.9	9.6	12.7	-	-	20.0	1	5.6	21	-	-	42	-	17	18	8	6	0	0	0	0	0	1	1	0	0	0	4.02	-	-
Dovercourt	9 9	3	15.5	7.4	11.5	-3.6	-3.6	20.1	7	50	11.21	-	-	43	90	21	18	8	6	0	0	0	0	1	3	0	0	0	0	3.65	-	-
4 MIDLAND COUNTIES																																
Yorkshire W Riding																																
Slaidburn	9 9	192	14.5	6.1	10.3	-	-	21.4	1	1.3	10	-	-	39	27	21	8	8	8	0	0	0	0	0	1	0	6	-	0	4.01	-	-
Malham Tarn	9 9	395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Huddersfield	9 9	99	15.3	7.7	11.5	-	-	20.9	1	2.1	10	13.5	14.0	15	24	6	12	7	5	0	0	0	0	0	0	0	6	-	0	2.83	76	-
Huddersfield Oakes	21-9	232	14.9	7.4	11.1	-1.8	-1.8	21.8	2	3.0	10	12.3	10.9	46	63	29	8	10	6	0	0	0	0	0	0	0	1	0	0	3.06	81	-
Bradford	9 9	134	14.6	7.6	11.1	-2.0	-2.0	20.8	1	2.0	28	13.1	13.7	36	54	25	8	6	3	0	0	0	0	0	0	0	7	-	0	3.28	88	S
Ilkley	9 9	83	15.0	6.8	10.9	-	-	21.0	1	-0.3	10	-	-	32	44	23	8	5	3	0	0	0	0	0	0	1	3	-	0	-	-	
Sheffield	9 9	131	15.1	8.5	11.8	-2.0	-2.0	20.5	1	3.8	26	13.1	14.1	51	86	36	8	7	6	0	0	0	0	0	0	0	0	0	0	2.68	69	-
Pontefract	9 9	78	15.2	8.0	11.6	-1.9	-1.9	21.2	1	3.9	10	-	-	33	65	23	8	8	4	0	0	0	0	0	1	0	0	0	0	-	-	
Bramham	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cawood	9 9	6	16.0	7.1	11.5	-	-	21.5	1	0.5	8	12.7	13.8	29	55	23	8	5	3	0	0	0	0	0	2	0	4	-	0	2.69	-	-
Askham Bryan	9 9	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Derby																																
Buxton	9 9	314	12.9	6.1	9.5	-2.3	-2.3	18.7	1	0.5	26	11.9	12.9	41	41	25	8	7	6	0	0	0	0	0	1	0	2	-	0	3.13	87	S
Mackworth	9 9	89	15.1	7.0	11.1	-	-	20.2	1	1.5	30	-	-	56	-	41	8	7	5	0	0	0	0	0	0	0	0	-	0	-	-	
Ashover	9 9	186	14.5	7.6	11.1	-	-	20.3	1.2	2.6	26	-	-	63	-	44	8	7	5	0	0	0	0	0	0	0	6	-	0	2.60	-	-
Derby	9 9	48	16.0	7.5	11.7	-	-	21.5	1	1.4	30	-	-	54	92	42	8	7	5	0	0	0	0	0	0	0	0	0	0	3.08	-	-
Morley	9 9	107	15.8	6.8	11.3	-	-	21.2	3	0.1	20	-	-	51	83	38	8	7	5	0	0	0	0	0	4	0	5	-	0	3.08	-	-
Wingerworth	9 9	126	14.7	6.8	10.7	-	-	20.6	1	-0.4	26	13.3	-	59	-	44	8	6	4	0	0	0	0	0	1	1	5	5	0	2.68	-	-
Nottingham																																
Sutton Bonington	9 9	48	15.3	7.1	11.2	-2.4	-2.4	20.9	1.2	1.4	21	13.1	13.6	68	146	54	8	7	5	0	0	0	0	0	2	0	7	-	0	2.83	71	-
Watnall	21-9	117	15.3	7.7	11.5	-2.1	-2.1	20.8	1	3.6	26	-	-	60	108	43	8	7	5	0	0	0	0	0	2	0	2	0	0	2.73	68	-
Mansfield	9 9	114	15.0	8.0	11.5	-	-	21.0	1	3.0	26	13.2	-	66	122	48	8	8	5	0	0	0	0	0	0	0	5	-	0	-	-	
Nottingham	9 9	59	15.6	8.6	12.1	-2.1	-2.1	20.8	1	2.6	26	13.3	14.3	65	130	44	8	6	5	0	0	0	0	0	3	0	0	0	0	3.20	82	-
Warsop	9 9	46	15.7	6.8	11.3	-	-	21.8	1	-0.6	26	-	-	63	138	47	8	8	5	0	0	0	0	0	0	1	8	-	0	2.45	-	-
Finningley	21-9	10	16.1	7.9	12.0	-	-	22.1	1	2.4	30	-	-	48	101	35	8	8	5	0	0	0	0	0	0	0	3	0	0	2.54	-	-
Leicester																																
Newtown Linford	9 9	119	15.3	7.1	11.2	-	-	20.5	2	2.6	21.30	-	-	75	137	60	8	7	5	0	0	0	0	0	0	0	6	-	0	2.92	-	-
Caldecott	9 9	52	15.9	6.2	11.1	-	-	20.9	22	-1.5	26	-	-	42	88	29	8	6	5	0	0	0	0	0	1	1	3	-	0	3.18	-	-
Northampton																																
Bugbrooke Mills	9 9	69	15.9	6.7	11.3	-	-	20.8	1	0.0	26	12.6	13.3	36	69	27	8	8	5	0	0	0	0	0	2	0	-	-	0	3.68	-	-
Raunds	9 9	59	16.0	7.3	11.7	-2.3	-2.3	20.5	1	-0.5	26	13.3	13.8	39	74	25	8	8	5	0	0	0	0	0	0	0	2	-	0	3.42	80	S
Wittering	9 9	73	15.5	8.2	11.9	-	-	19.9																								



Table 3 Summary of daily observations

September 1972

District, county and place	max min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1915-50 average	amount (mm)	most in a day	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max (a)	min (b)			max	date	min	date																						
4 MIDLAND COUNTIES—continued																																
Hereford																																
Sewage Works	9 9	52	16.5	6.8	11.7	-	21.4	2	0.6	26	14.4	15.3	49	-	46	8	4	2	0	0	0	0	0	3	0	8	0	0	0	3.57	-	-
Lyonsall	9 9	155	-	7.0	-	-	20.5	1	2.0	26	-	-	47	76	39	8	6	5	0	0	0	0	0	0	5	0	0	0	0	3.57	-	-
Ross-on-Wye	21-9	68	16.2	7.2	11.7	-2.3	20.8	2	0.8	27	13.6	14.2	48	83	43	8	3	2	0	0	0	0	0	3	0	3	0	0	3.02	71	-	
Preston Wynne	9 9	84	(15.9)	(5.4)	(10.7)	-	20.5	1	-0.7	26	-	-	48	90	44	8	6	2	0	0	0	0	0	3	1	4	0	0	3.45	-	-	
Gloucester																																
Filton	21-9	59	16.6	8.3	12.5	-1.8	21.6	1	1.7	21	-	-	33	47	27	8	5	3	0	0	0	0	0	2	0	5	0	0	4.58	-	-	
Hempsted	9 9	12	18.0	7.4	12.7	-	21.3	2	1.0	27	14.4	14.9	38	61	35	8	3	3	0	0	0	0	0	0	4	0	0	0	3.58	-	-	
Gloucester	21-9	24	16.9	8.7	12.8	-	21.6	1	3.3	26	-	-	37	-	33	8	3	2	0	0	0	0	0	2	0	2	0	0	3.90	-	-	
Cheltenham	9 9	65	16.2	8.7	12.5	-1.8	20.6	1	2.3	26	-	-	29	53	25	8	4	2	-	-	-	-	-	0	0	-	-	-	4.01	-	-	
Cirencester	9 9	135	16.0	7.6	11.8	-	20.8	2	3.1	11	-	-	35	49	30	8	3	3	0	0	0	0	0	1	0	2	0	0	-	-	-	
Little Rissington	21-9	226	14.8	8.1	11.5	-	19.4	1	5.1	10.11	-	-	39	58	35	8	5	2	0	0	1	0	0	2	0	0	0	0	4.24	-	-	
5 ENGLAND SE																																
Greater London																																
Kensington Palace	9 9	25	16.9	9.6	13.3	-2.1	22.9	1	5.8	10	14.4	15.1	34	63	13	8	4	4	0	0	0	0	0	2	0	2	0	0	-	-	-	
Hampstead	9 9	137	16.0	8.1	12.1	-2.1	21.5	1	3.7	10	-	-	35	62	16	8	4	4	0	0	0	0	0	0	0	0	0	0	4.08	87	S	
St James Park	9 9	4	17.2	10.3	13.7	-1.9	22.4	1	6.6	27	-	-	31	62	13	8	6	4	-	0	-	-	-	-	0	0	-	-	-	-	-	
London Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.01	91	-	
Greenwich	9 9	7	17.0	9.2	13.1	-	22.0	1	4.9	27	-	-	34	74	14	18	6	4	0	0	0	0	0	0	0	0	0	0	-	3.64	82	-
Heathrow	21-9	25	17.3	9.1	13.2	-1.7	23.9	1	4.0	27	-	-	28	54	14	8	5	4	0	0	0	0	0	1	0	0	0	0	3.92	-	-	
Hampton	9 9	12	16.9	9.2	13.1	-	22.4	1	4.4	26	-	-	30	66	12	8	5	3	0	0	0	0	1	3	0	1	0	0	3.95	-	-	
Wealdstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.68	-	-	
Southgate	9 9	67	16.8	9.4	13.1	-	22.6	1	4.3	21	14.0	-	34	63	16	8	4	4	0	0	0	0	0	0	0	1	0	0	4.42	-	-	
Kew	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
psychrometer screen	-	-	16.7	7.7	12.3	-	22.6	1	1.1	26	13.5	14.0	28	56	13	8	5	4	0	0	0	0	0	1	0	6	0	0	4.27	90	-	
Waddon	9 9	59	16.7	8.2	12.5	-2.4	21.0	1.22	3.0	26	-	-	46	85	21	8	5	4	-	-	-	-	-	0	-	-	-	-	-	-	-	
Addington	9 9	144	16.1	8.5	12.3	-2.0	21.5	1	4.4	10	-	-	45	79	19	8	5	3	-	-	-	-	0	0	-	-	-	-	-	-	-	
Bromley	9 9	65	(16.1)	9.2	(12.7)	(-2.2)	22.0	22	4.0	20	-	-	47	96	22	18	7	5	-	0	-	-	1	0	-	-	-	-	-	-	-	
Surrey																																
Gatwick	21-9	59	16.7	7.3	12.0	-2.1	22.2	1	0.7	26	-	-	47	83	26	8	6	3	0	0	0	0	0	2	0	3	0	0	3.96	-	-	
Witley	9 9	35	16.9	7.0	11.9	-2.4	22.7	2	0.2	26	13.5	14.3	32	-	15	8	5	4	0	0	0	0	1	3	0	3	0	1	3.71	-	-	
Mickleham	9 9	55	16.6	6.1	11.3	-	25.0	1	0.4	26	13.9	14.5	47	82	24	8	5	4	0	0	0	0	0	0	4	0	0	0	-	-	-	
Kent																																
Hadlow College	9 9	30	16.7	8.0	12.5	-	21.4	1	2.0	27	13.7	14.0	36	-	17	8	5	3	0	0	0	0	0	1	0	1	0	0	3.92	-	-	
Gillingham	9 9	4	17.4	9.6	13.5	-	21.0	2	5.0	21	-	-	45	96	16	18	7	5	-	-	-	-	0	-	-	-	-	-	-	-	-	
Peckham	21-9	29	16.7	7.6	12.1	-	21.3	1	1.4	11	-	-	50	-	21	18	8	6	0	0	0	0	2	3	0	5	0	0	4.29	-	-	
Dungeness	9 9	3	16.3	10.0	13.1	-2.0	19.4	1.3,4	4.2	21	-	-	49	97	31	18	8	5	0	0	0	0	1	1	0	0	0	0	-	-	-	
Whitstable	9 9	3	16.2	10.1	13.1	-	20.2	7	3.6	21	-	-	77	175	37	18	7	6	0	0	0	0	1	0	0	-	-	1	3.77	-	-	
Folkestone	9 9	31	16.4	9.3	12.9	-	20.7	1	3.6	21,27	-	-	15.5	55	-	18	7	6	0	0	0	0	1	0	0	0	0	0	1	5.21	-	-
Elmstone	9 9	5	16.5	8.2	12.3	-	20.3	1	1.1	21	-	-	75	-	45	18	9	8	-	0	-	-	3	0	0	-	-	-	-	-	-	
Herne Bay	9 9	31	16.0	9.8	12.9	-	19.5	7	4.5	21	14.8	-	71	-	41	18	7	7	0	0	0	0	0	2	0	0	0	0	4.34	-	-	
Dover	9 9	6	16.9	10.7	13.8	-1.6	20.6	1	6.0	21	15.6	15.9	62	106	29	18	10	6	0	0	0	0	1	0	0	0	0	0	5.12	-	-	
Manston	21-9	44	16.2	10.5	13.3	-	19.9	22	4.2	21	-	-	56	113	29	18	10	6	0	0	0	0	2	0	0	0	0	0	-	-	-	
Margate	9 9	16	15.7	12.0	13.9	-1.7	19.8	7	6.6	11	14.6	15.1	44	-	23	18	8	5	0	0	0	0	1	1	0	0	0	0	3.91	71	-	
Goudhurst	9 9	85	16.2	7.4	11.8	-	20.8	1	2.9	27	-	-	55	89	28	18	8	4	0	0	0	0	1	1	0	6	0	0	-	-	-	
East Malling	9 9	37	16.6	8.3	12.5	-1.4	20.9	22	2.3	27	13.3	14.0	37	71	16	18	8	4	0	0	0	0	0	2	0	0	0	0	4.34	88	-	
Throley	9 9	150	15.6	7.8	11.7	-	19.9	1	4.5	11,26	13.2	13.8	76	127	41	18	8	6	0	0	0	0	1	0	0	0	0	0	3.89	-	-	
Faversham	9 9	48	16.1	8.7	12.4	-	19.8	1	3.6	21	13.8	14.7	71	-	31	18	7	5	0	0	0	0	1	1	0	0	0	0	3.76	-	-	
Wye	9 9	56	16.0	8.0	12.0	-2.0	20.7	1	1.6	21	13.8	14.2	52	90	24	18	7	7	0	0	0	0	2	3	0	3	0	0	4.41	85	-	
Sussex																																
Thorney Island	21-9	3	17.4	8.8	13.1	-	23.7	1	6.0	27	-	-	31	58	25	8	6	3	0	0	0	0	0	0	0	0	0	0	4.74	-	-	
Rogate	9 9	64	17.3	7.3	12.3	-	23.5	1	1.5	27	14.3	-	35	-	26	8	4	4	0	0	0	0	0	3	0	0	0	0	-	-	-	
Bognor Regis	9 9	7	16.9	9.7	13.3	-1.6	22.6	1	5.6	11	-	15.1	20	36	14	8	4	3	0	0	0	0	0	0	0	0	0	0	5.41	102	-	
Fernhurst	9 9	57	16.8	6.6	11.7	-	22.4	1	0.2	27	13.8	-	34	52	23	8	5	3	0	-	0	0	0	0	0	3	-	-	4.31	-	-	
Littlehampton	9 9	5	17.5	8.8	13.1	-1.8	22.6	1	4.6	11	-	15.1	30	5.4	14	8	5	5	0	0	0	0	0	0	0	-	-	0	4.97	93	-	
North Heath	9 9	21	17.4	6.7	12.1	-	23.1	1	0.4	28	13.6	14.3	40	-	22	8	8	3	0	0	0	0	0	2	0	3	-	-	4.03	-	-	
Worthing	9 9	2	17.1	9.4	13.3	-	23.0	1	3.8	27	14.3	-	21	-	11	8	4	4	0	0	0	0	0	0	0	1	0	0	5.09	92	-	
Brighton	9 9	10	16.1	10.3	13.2	-	21.2	1	6.1	10	-	15.4	23	42	11	8	4	4	0	0	0	0	0	0	0	0	0	1	5.32	99	-	
Plumpton	9 9	76	16.5	8.2	12.3	-	21.5	1	5.0	7,10,27	-	-	29	-	15	8	5	4	-	0	-	-	3	0	0	-	-	-	3.97	-	-	
Wakehurst Place	9 9	133	16.1	8.3	12.2	-	20.7	1	4.2	11	-	-	42	-	24	8	5	4	0	0	0	0	0	0	0	0	0	0	-	-	-	
East Hoathly	9 9	40	17.1	6.6	11.																											



Table 3 Summary of daily observations

September 1972

District, county and place	max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount (mm)	most in a day	date	precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max (a)	min (b)			max	date	min	date							0.2 mm or more	1.0 mm or more															
5 ENGLAND SE—continued																																	
Hampshire—continued																																	
Alice Holt Lodge	9 9	115	16.2	7.4	11.8	-	21.5	1.22	1.8	26	-	-	25	41	19	8	4	3	0	0	0	0	0	0	1	0	5	-	0	4.09	-	-	
South Farnborough	9 9	69	16.7	7.4	12.1	-2.1	22.8	1	0.3	26	-	-	27	51	16	8	5	3	-	0	-	-	-	-	0	0	5	2	-	4.00	86	-	
Isle of Wight																																	
St Catherine's Point	9 9	16	16.9	10.5	13.7	-1.5	21.2	4	6.9	15	-	-	19	31	9	8	7	4	0	-	0	0	0	1	0	0	-	-	0	-	-	-	
Ventnor	9 9	122	16.7	10.6	14.1	-1.2	20.8	1	6.0	10	14.9	15.2	26	39	19	8	4	3	0	0	0	0	0	0	0	0	0	-	0	5.67	103	-	
(see Introduction)																																	
Shanklin	9 9	55	16.9	9.6	13.3	-	21.2	1	4.9	27	-	-	28	39	22	8	5	4	0	-	0	0	0	0	1	0	-	-	0	5.27	-	-	
Sandown	9 9	4	17.3	10.3	13.8	-1.7	22.3	1	6.4	10	-	-	25	41	21	8	4	3	0	-	0	0	0	0	0	0	-	-	0	5.09	-	-	
Ryde	9 9	4	16.4	9.7	13.1	-2.3	21.5	1	5.0	27	-	-	16	26	11	8	5	3	0	0	0	0	0	1	0	-	-	0	4.51	87	-		
Wiltshire																																	
Lacock	9 9	49	16.6	5.9	11.3	-	21.0	2	-1.0	27	-	-	37	59	26	8	4	2	-	0	-	-	-	3	1	5	-	-	-	-	-	-	
Lyneham	21-9	145	16.0	7.9	11.9	-1.8	20.8	2	4.0	26	-	-	33	55	28	8	4	2	0	0	0	0	0	3	0	1	0	0	4.66	-	-	-	
Larkhill	9 9	132	16.6	7.4	12.0	-1.6	21.5	1	3.2	27	-	-	29	51	25	8	5	3	0	0	0	0	0	1	0	1	0	0	-	-	-	-	
Boscombe Down	21-9	126	16.5	7.7	12.1	-1.7	21.9	1	3.1	26.27	-	-	25	42	20	8	4	3	0	0	0	0	0	1	0	4	0	0	5.06	110	-	-	
Upavon	21-9	176	16.3	8.0	12.1	-	21.3	22	3.5	10	-	-	28	44	22	8	4	3	0	0	0	0	0	1	0	4	0	0	-	-	-	-	
Porton	9 9	111	16.7	6.6	11.7	-2.0	22.3	1	1.3	27	13.2	-	26	41	21	8	3	3	-	0	-	-	-	1	0	9	0	-	5.01	105	-	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield	9 9	13	16.0	8.7	12.3	-	22.8	2	2.6	24	-	-	15	14	5	12	7	5	-	0	-	-	-	3	0	2	-	-	5.30	-	-	-	
Bromfield	9 9	20	15.8	5.5	10.7	-	23.0	2	-0.9	27	-	-	23	-	13	6	8	3	0	0	0	0	0	1	2	5	5	0	-	-	-	-	
Carlisle	21-9	26	15.9	6.6	11.3	-	23.9	1	-0.7	10	-	-	23	-	10	6	7	4	0	0	0	0	0	2	2	5	0	0	4.55	-	-	-	
Newton Rigg	9 9	171	14.7	5.9	10.3	-1.8	23.0	1	0.5	10.27	12.9	-	21	27	7	6	7	4	-	0	-	-	-	0	0	8	-	-	4.59	123	-	-	
Westmorland																																	
Great Dun Fell	21-9	347	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.23	-	-	-	
Moor House	9 9	556	11.1	3.3	7.2	-	18.9	1	-2.1	26	9.7	-	30	16	10	8	9	6	-	0	-	-	-	0	6	12	-	-	3.76	-	-	-	
Lancashire																																	
Squires Gate	21-9	10	16.0	7.4	11.7	-2.2	20.8	1	0.6	27	-	-	31	37	13	8	9	8	0	0	0	0	0	0	0	4	0	0	4.70	106	-	-	
Aigburth	9 9	14	16.2	8.9	12.5	-	22.0	1	5.7	9.26	-	-	58	-	21	8	9	7	0	0	0	0	0	0	2	0	0	0	4.52	-	-	-	
Southport	9 9	5	15.8	6.6	11.2	-	22.0	1	0.9	27	12.6	13.2	37	45	17	8	10	8	-	0	-	-	-	4	0	1	-	-	4.59	-	-	-	
Cartmel	9 9	34	16.1	5.6	11.9	-	23.5	1	-0.8	10	-	-	27	-	12	8	7	6	0	0	0	0	0	0	2	-	-	0	-	-	-	-	
Grizedale	9 9	91	15.5	4.5	10.0	-	23.5	1	-1.5	10	12.2	-	26	-	9	8	8	7	0	0	0	0	0	0	2	19	-	0	-	-	-	-	
Speke	21-9	22	16.4	8.1	12.3	-	23.6	1	2.9	26	-	-	51	70	22	8	7	6	0	0	0	0	0	5	0	0	0	0	4.07	-	-	-	
Kirkham	9 9	24	15.8	6.6	11.2	-	22.4	1	0.6	27	-	-	49	51	19	8	9	9	0	0	0	0	0	0	0	10	-	0	4.63	-	-	-	
Bailrigg	9 9	53	15.5	7.6	11.5	-	22.2	2	1.7	8	-	-	32	-	11	8	9	7	-	0	-	-	-	0	0	5	-	-	4.34	-	-	-	
Morecambe	9 9	7	16.1	9.2	12.7	-1.2	23.2	2	4.0	8	-	-	31	31	11	8	7	6	0	0	0	0	0	0	0	-	-	0	4.67	108	-	-	
Preston	9 9	33	15.7	7.5	11.6	-	22.8	1	3.4	27	-	-	43	44	18	8	10	9	0	0	0	0	0	1	0	7	-	0	-	-	-	-	
Bolton	9 9	107	15.3	6.8	11.1	-	22.3	1	3.0	10.21.29	12.9	13.2	39	-	22	8	8	8	-	0	-	-	-	2	0	0	-	-	3.91	-	-	-	
Stonyhurst	9 9	115	15.5	6.8	11.1	-1.9	23.4	1	2.0	10	-	-	38	33	12	8	8	7	-	0	-	-	-	2	0	-	-	-	4.44	116	-	-	
Manchester Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.23	-	-	-	
Helmshore	9 9	260	13.9	7.2	10.5	-	20.7	1	4.2	26	12.5	-	43	32	18	8	7	7	-	0	-	-	-	1	0	8	-	-	4.10	-	-	S	
Nelson	9 9	165	14.5	6.4	10.5	-	21.4	1	1.2	10	12.5	12.9	43	42	25	8	8	6	-	0	-	-	-	0	0	6	-	-	3.84	-	-	S	
Rochdale	9 9	110	15.2	6.7	10.9	-	21.6	1	1.5	10	-	-	35	35	17	8	8	6	0	0	0	0	0	0	0	3	-	0	3.77	-	-	-	
Cheshire																																	
West Kirby Park	9 9	8	16.5	8.7	12.6	-	21.6	1	5.1	15.20	-	-	43	60	21	8	9	9	-	0	-	-	-	0	0	-	-	-	4.48	-	-	-	
Ness Gardens	9 9	55	16.2	8.2	12.2	-	22.9	1	3.8	26	13.5	-	54	-	22	8	9	7	0	0	0	0	0	1	0	5	-	0	4.08	-	-	-	
Winnington	9 9	20	16.2	7.9	12.1	-	24.8	1	1.9	26	-	-	46	67	26	8	7	6	0	0	0	0	0	5	0	0	-	-	-	-	-	-	
Knutsford	9 9	65	16.2	6.6	11.4	-	23.3	1	1.6	26	13.7	14.3	40	54	26	8	6	6	-	0	-	-	-	-	0	3	-	-	-	-	-	-	
Ringway	21-9	75	15.3	8.2	11.7	-1.8	23.5	1	4.2	26.27	-	-	36	53	23	8	7	6	0	0	0	0	0	1	0	0	0	0	3.56	92	-	-	
Macclesfield	9 9	152	14.7	7.5	11.1	-2.1	21.2	1	4.0	10	-	-	33	41	16	8	6	6	0	0	0	0	0	0	0	0	-	-	0	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl	9 9	9	15.2	8.5	11.9	-2.2	19.0	1	4.7	26	-	-	41	61	22	8	8	7	0	0	0	0	0	0	0	0	0	-	0	5.10	118	-	-
Prestatyn	9 9	1	15.6	8.9	12.3	-	20.4	1	3.3	26	-	-	45	66	23	8	10	7	0	0	0	0	0	0	0	0	-	0	5.02	123	-	-	
Hawarden Bridge	9 9	5	16.6	7.6	12.1	-1.9	24.0	1.2	1.5	26	-	-	49	83	23	8	9	7	0	0	0	0	0	5	0	-	-	0	-	-	-	-	
Anglesey																																	
Valley	21-9	10	16.6	9.0	12.8	-1.4	23.2	1	4.4	25	-	-	26	33	14	8	8	4	0	0	0	1	0	0	0	0	0	0	6.10	132	-	-	
Denbigh																																	
Colwyn Bay	9 9	24	15.2	9.2	12.2	-	18.8	2	5.4	26	13.8	-	55	-	25	8	8	6	0	0	0	0	1	0	0	-	-	0	5.60	128	-	-	
Alwen	9 9	335	13.7	4.3	9.0	-	20.0	1.2	-1.0	24	-	-	41	-	24	8	9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ruthin	9 9	76	15.7	6.2	10.9	-	21.4	1	0.6	26	-	-	40	-	22	8	8	5	-	0	-	-	-	2	0	-	-	-	4.84	-	-	-	
Loggerheads	9 9	210	14.5	5.7	10.1	-	20.8	1	0.6	29	12.4	12.8	39	-	21	8	8	7	0	0	0	0	0	0	0	7	-	0	4.87	-	-	S	
Bwlchgwyn	9 9	386	13.5	5.8	9.7	-	19.5	1.2	1.0	28	10.8	-	51	56	35	8	10.8	-	0	-	-	-	0	0	3	-	-	-	-	-	-	-	
Wrexham	9 9	88	16.0	7.3	11.7	-	22.4	1	2.1	27	-	14.1	38	62	34	8	5	2	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
Caernarvon																																	
Bardsey Island	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Botwnnog	9 9	34	16.7	8.1	12.4	-	21.7	1	4.5	8	14.4																						



Table 3 Summary of daily observations

September 1972

District, county and place		max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)											bright sunshine			
				means of		highest max and lowest min	date	min	date	30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount (mm)	most in a day	date	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max (a)	min (b)																											
																															daily mean (mean of a & b)	difference from 1931-60 average
8a SOUTH WALES—continued																																
Cardigan—continued		9 9	290	13.8	7.6	10.7	-	19.4	2	3.8	9	-	-	42	32	22	8	8	7	0	0	0	0	0	3	-	0	4.94	131	-		
Llety-ewan-hen Cwmystwyth		9 9	301	14.4	5.1	9.7	-	20.3	2	-0.2	10	-	-	44	-	23	8	9	7	0	0	0	0	1	5	-	0	4.16	-	S		
Pembroke		9 9	33	17.0	10.2	13.6	-	22.1	3	6.8	27	14.4	-	28	-	25	8	3	2	0	0	0	0	2	0	1	-	1	7.15	-	-	
Dale Fort		21-9	37	16.6	9.3	12.9	-	22.0	2	5.8	27	-	-	35	-	33	8	2	2	0	0	0	0	0	0	0	0	-	-	-	-	
Milford Haven		9 9	61	16.6	-	-	-	22.2	2	-	-	-	-	47	-	42	8	5	2	0	0	0	0	1	0	0	0	-	-	-	-	
Conservancy Board		9 9	8	16.1	4.3	10.2	-	21.8	2	-0.9	27	-	-	41	-	36	8	4	3	-	-	-	-	3	-	-	-	5.41	-	-	-	
Orielton		9 9	15	16.8	5.9	11.3	-	22.5	2	0.0	27	12.1	13.1	42	40	36	8	6	3	0	0	0	0	0	13	-	0	5.61	-	-	-	
Esgairwen-Uchaf		9 9	332	14.0	6.9	10.5	-	20.1	2	4.0	10	-	-	46	-	43	8	8	5	0	0	0	0	2	0	8	-	0	-	-	-	
Brynamman		21-9	183	15.9	7.3	11.6	-	21.5	22	2.5	10	-	-	56	-	33	8	8	5	-	-	-	-	0	0	2	-	-	-	-	-	
Radnor		21-9	282	14.4	4.7	9.5	-	20.4	2	-2.1	10	-	-	51	-	37	8	8	6	-	-	-	-	5	12	-	0	-	-	-	-	
Cenarth Mill		9 9	235	15.2	5.7	10.5	-2.0	20.4	2	-0.6	27	13.2	-	50	62	37	8	9	5	0	0	0	0	2	1	-	0	3.88	102	S	-	
Llandrindod Wells		9 9	242	14.5	5.3	9.9	-	20.0	2	1.4	11	-	-	69	-	58	8	6	3	0	0	0	0	2	0	-	0	4.83	-	S	-	
Brecknock		9 9	242	14.5	5.3	9.9	-	20.0	2	1.4	11	-	-	69	-	58	8	6	3	0	0	0	0	2	0	-	0	4.83	-	S	-	
Llwynon		9 9	242	14.5	5.3	9.9	-	20.0	2	1.4	11	-	-	69	-	58	8	6	3	0	0	0	0	2	0	-	0	4.83	-	S	-	
Glamorgan		21-9	36	16.7	9.9	13.3	-	20.6	1	6.2	10	-	-	-	-	-	-	-	-	0	-	-	-	0	0	0	0	-	-	-	-	
Mumbles		9 9	82	16.3	8.5	12.4	-	20.6	1	5.2	10	12.0	12.9	79	-	65	8	4	3	0	0	0	0	0	0	0	0	6.04	-	-	-	
Penmaen		9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Swansea		9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Port Talbot		9 9	7	18.0	8.9	13.5	-	22.3	1	4.0	27	-	-	50	50	45	8	4	2	0	0	0	0	0	0	0	0	5.52	-	S	-	
Neath		9 9	62	16.6	8.3	12.5	-	21.5	2	4.0	11	-	-	63	56	52	8	4	3	0	0	0	0	0	0	0	0	-	-	-	-	
Porthcawl		9 9	6	17.0	9.0	13.0	-	21.7	1	5.0	27	-	-	48	53	44	8	4	2	-	-	-	-	0	0	0	0	-	-	-	-	
Rhose		21-9	67	16.9	7.8	12.3	-	21.3	1	3.8	10	-	-	44	48	36	8	6	3	0	0	0	0	1	0	6	0	5.08	106	-	-	
Cardiff		9 9	62	16.7	8.6	12.7	-1.6	22.0	1	3.7	27	13.7	14.5	54	58	52	8	4	2	0	0	0	0	1	0	0	0	4.82	-	S	-	
Monmouth		9 9	313	14.2	6.0	10.1	-	19.2	22	1.7	27	-	-	65	50	53	8	8	4	0	0	0	0	1	0	5	-	0	4.29	-	-	-
Tredegar		9 9	23	-	8.5	-	-	-	-	3.6	27	-	-	43	50	40	8	3	2	0	0	0	0	0	1	0	0	-	0	4.79	-	-
Newport		9 9	21	17.8	5.8	11.8	-	24.0	10.22	0.0	27	(14.6)	-	70	85	60	8	3	3	-	-	-	-	12	0	3	-	(3.35)	-	-	-	
Usk		9 9	245	14.8	7.8	11.3	-	18.7	22	4.4	10	12.9	13.4	55	63	49	8	6	3	0	0	0	0	1	0	5	-	0	4.20	-	-	-
Crumbland		9 9	245	14.8	7.8	11.3	-	18.7	22	4.4	10	12.9	13.4	55	63	49	8	6	3	0	0	0	0	1	0	5	-	0	4.20	-	-	-
8b ENGLAND SW																																
Somerset		9 9	314	14.4	6.9	10.7	-	17.8	3.22	2.0	21	-	-	33	26	25	8	7	5	0	0	0	0	0	11	-	0	5.12	-	-	-	
Hawkrig		9 9	96	16.1	5.7	10.9	-	20.7	1	0.8	26.27	14.1	-	30	-	19	8	6	5	-	-	-	-	0	13	-	0	-	-	-	-	
Nettlecombe		9 9	23	17.0	8.3	12.7	-	21.5	1	3.5	21.27	14.6	-	31	47	17	8	6	4	0	-	-	0	0	2	0	0	4.45	97	S	-	
Cannington		9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cricket Malherbie		9 9	11	-	7.6	-	-	-	-	-	-	-	-	29	-	22	8	6	4	-	-	-	-	0	-	-	-	-	-	-	-	
Cheddar		21-9	18	17.1	7.2	12.1	-	22.7	1	0.1	27	-	-	29	-	16	8	6	5	0	0	0	0	0	3	1	0	-	-	-	-	
Yeovilton		9 9	40	16.8	7.8	12.3	-	21.2	1.2,3	3.0	27	13.1	13.7	38	-	25	8	4	3	-	-	-	-	0	0	1	0	-	-	-	-	
Rodney Stoke		9 9	49	16.8	7.9	12.3	-1.8	23.6	1	4.0	15	13.5	-	25	30	19	8	5	4	0	0	0	0	0	2	-	0	4.34	97	-	-	
Long Ashton		9 9	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
West Camel		9 9	183	15.8	7.7	11.7	-	20.0	1.2	3.0	26	-	-	35	-	33	8	4	2	-	-	-	-	0	0	0	0	-	-	-	-	
Downside Abbey		9 9	114	16.5	7.8	12.1	-	21.3	1	3.1	21	-	-	59	-	27	7	5	4	0	0	0	0	2	0	0	0	-	-	-	-	
Wincanton		9 9	118	16.4	8.5	12.5	-	21.5	2	3.2	27	14.5	-	29	44	26	8	4	3	0	0	0	0	1	0	-	0	-	-	-	-	
Bath		9 9	118	16.4	8.5	12.5	-	21.5	2	3.2	27	14.5	-	29	44	26	8	4	3	0	0	0	0	1	0	-	0	-	-	-	-	
Dorset		21-9	53	16.6	10.7	13.7	-	21.0	1	7.5	15	-	-	16	-	13	8	3	3	0	0	0	0	0	0	0	0	5.84	-	-	-	
Portland Bill		9 9	23	17.5	9.0	13.3	-2.0	22.2	1	5.0	15	-	-	24	-	14	8	4	3	0	0	0	0	0	0	0	0	5.45	-	-	-	
Coastguard		9 9	26	17.1	6.9	12.0	-	22.4	1	0.3	27	-	-	28	-	22	8	6	3	-	-	-	-	2	0	3	-	-	-	-	-	
Weymouth		9 9	207	15.8	7.6	11.7	-1.7	20.6	1	4.3	26	-	-	33	49	23	8	6	6	-	-	-	-	2	0	-	0	-	-	-	-	
Winfrith		9 9	11	16.5	9.5	13.0	-	22.5	22	5.7	27	-	15.7	24	37	20	8	4	2	0	-	-	0	1	0	0	0	4.72	91	-	-	
Shaftesbury		9 9	8	17.3	8.3	12.8	-	23.0	1	1.5	27.28	15.0	15.6	25	38	19	8	6	3	0	0	0	0	1	0	1	0	5.08	100	-	-	
Swanage		9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Poole		9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Devon		9 9	168	-	-	-	-	-	-	-	-	-	-	37	-	24	8	6	5	-	-	-	-	-	-	-	-	-	-	-	-	
Virginstow		21-9	91	15.5	10.7	13.1	-	18.6	23	7.6	28	-	-	36	45	31	8	2	2	0	0	0	0	0	0	0	0	7.12	150	-	-	
Hartland Point		21-9	27	17.0	8.7	12.9	-1.8	21.4	1	5.1	27	-	-	32	44	27	8	5	3	0	0	0	0	0	0	0	0	2	6.35	125	-	-
Mount Batten		9 9	36	17.2	9.0	13.1	-1.8	21.1	1	5.3	29	14.7	15.1	29	39	23	8	5	4	0	0	0	0	0	0	0	0	6.45	127	-	-	
Plymouth Hoe		9 9	139	17.4	7.3	12.3	-1.6	21.7	1.2	3.8	11.27	-	13.6	40	38	32	8	7	5	0	0	0	0	0	0	13	-	0	-	-	-	
Tavistock		21-9	6	17.4	8.3	12.9	-2.2	21.7	1	3.9	27	-	-	45	58	37	8	5	3	0	0	0	0	0	1	0	3	0	6.06	-	-	-
Chivenor		21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Prawle Point		9 9	84	17.5	7.9	12.7	-	22.4	19	4.2	28.29	14.0	13.9	30	-	24	8	2	2	0	0	0	0	0	1	0	4	-	0	5.43	-	-
Totnes		21-9	163	16.4	6.																											











September 1972

[illegible]



Table 4 Summary of observations at fixed hours

September 1972

175

		mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																				
height of barometer above MSL (metres)	hour of observation (GMT)	at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	visibility							beaufort force																			
								mean	0	1-2	3-5	6-7		8	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	14 or more in 10 min	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW			
number of observations																																								
3 ENGLAND E—continued																																								
Cardington, Bedfordshire 29	3	1022.6	-	8.4	0.4	10.6	95	4.8	9	1	3	4	13	0	0	0	0	1	2	1	5	12	5	0	0	0	0	0	2	26	2	9	4	0	0	2	4	6	3	
	9	1023.2	+7.2	11.5	1.2	11.6	86	6.4	0	0	9	9	10	2	0	0	0	0	0	2	7	10	9	0	0	0	0	0	4	23	3	4	10	1	0	2	0	2	5	3
	15	1022.1	-	15.5	3.7	11.0	64	6.2	0	1	9	11	9	0	0	0	0	0	0	0	17	8	3	0	0	0	0	8	20	2	5	10	1	1	0	1	6	4		
	21	1022.8	-	10.5	1.0	11.2	88	4.7	6	4	1	7	9	0	0	0	0	0	0	4	3	20	3	5	0	0	0	0	8	20	2	5	6	8	2	0	1	6	4	
Stansted, Essex 102	3	1022.3	-	9.3	0.7	10.7	91	5.1	2	7	4	11	5	1	0	0	1	2	1	9	10	5	2	0	0	0	0	2	25	3	12	4	1	0	1	3	4	2	3	
	9	1022.8	+6.5	11.8	1.4	11.5	82	5.7	1	1	10	11	7	0	0	0	0	0	1	10	9	8	2	0	0	0	0	6	21	3	10	7	1	1	0	2	3	3		
	15	1021.8	-	15.0	3.7	10.5	63	5.8	1	3	6	16	4	0	0	0	0	0	0	1	10	9	9	0	0	0	0	11	17	2	6	5	2	0	1	0	2	3		
	21	1022.5	-	10.7	1.2	11.0	85	4.5	6	4	4	8	8	0	0	0	0	0	1	11	9	6	3	0	0	0	0	1	26	3	7	7	5	2	1	0	4	1		
Shoeburyness, Essex 5	9	1022.1	+5.5	13.4	1.8	12.3	80	5.6	1	4	6	13	5	1	0	1	0	0	2	4	9	10	3	1	0	0	0	15	14	1	12	5	3	0	1	3	2	3		
	15	1021.4	-	15.2	2.9	12.1	70	5.4	2	2	8	11	7	0	0	0	0	0	0	1	14	5	7	3	0	0	0	20	10	0	7	5	8	4	0	1	1	4		
	21	1021.9	-	11.7	1.2	11.9	86	4.1	2	11	3	11	3	0	0	0	0	0	2	2	12	9	1	4	0	0	0	15	14	1	11	5	2	1	3	2	3			
	21	1021.9	-	11.7	1.2	11.9	86	4.1	2	11	3	11	3	0	0	0	0	0	2	2	12	9	1	4	0	0	0	15	14	1	11	5	2	1	3	2	3			
Walton-on-Naze, Essex 8	3	1021.9	-	11.2	1.1	11.7	87	5.2	4	3	7	3	11	2	1	1	0	0	0	0	8	20	0	0	0	0	0	3	19	8	9	3	2	0	1	0	2	5		
	9	1022.3	-	13.4	2.0	12.0	78	6.2	1	2	6	10	11	0	0	1	0	0	0	3	4	16	0	0	0	0	0	3	19	8	9	3	2	0	1	0	2	5		
	15	1021.8	-	14.9	2.8	12.0	71	5.4	2	5	3	11	9	0	0	1	0	0	1	1	11	16	0	0	0	0	0	11	17	2	3	7	2	2	2	2	5			
	21	1021.8	-	14.9	2.8	12.0	71	5.4	2	5	3	11	9	0	0	1	0	0	1	1	11	16	0	0	0	0	0	11	17	2	3	7	2	2	2	2	5			
4 MIDLAND COUNTIES																																								
Huddersfield Oakes, Yorkshire W.R. 235	3	1023.3	-	7.8	0.6	9.7	91	6.8	1	0	3	8	18	0	0	0	0	1	1	3	11	10	2	2	0	0	0	2	26	2	10	4	1	0	2	2	4	5		
	9	1023.6	+8.6	11.0	1.6	10.7	81	6.3	1	2	4	10	13	0	0	0	0	0	0	1	7	11	7	4	0	0	0	2	20	4	11	0	4	0	2	1	2	5		
	15	1023.3	-	13.3	2.6	10.9	72	6.2	0	3	8	7	12	0	0	0	0	0	0	0	18	4	1	0	0	0	0	11	17	2	6	2	0	1	2	5	1			
	21	1023.5	-	9.4	0.9	10.3	88	5.9	2	4	4	3	17	0	0	0	0	0	0	1	4	12	9	4	0	0	0	1	16	13	5	7	2	0	1	3	4	1		
Watnall, Nottinghamshire 119	3	1022.9	-	8.8	0.6	10.5	93	4.5	7	5	3	3	11	1	0	1	0	3	4	10	7	5	0	0	0	0	0	1	22	7	7	7	0	0	0	2	6	1		
	9	1023.5	+7.8	11.0	1.3	11.0	84	6.6	0	4	4	16	9	0	0	0	0	2	3	6	10	9	0	0	0	0	0	2	27	1	5	9	1	1	2	4	3			
	15	1022.5	-	14.3	2.8	11.4	70	6.1	0	4	4	13	9	0	0	0	0	0	0	0	14	12	3	1	0	0	6	24	0	3	11	2	0	1	2	5	4			
	21	1023.2	-	10.2	1.0	10.9	86	5.3	1	6	5	10	8	0	0	0	0	0	2	12	13	3	0	0	0	0	0	3	25	2	4	10	1	2	1	4	4			
Finningley, Nottinghamshire 14	3	1022.7	-	9.0	0.6	10.6	91	5.9	5	2	0	7	16	0	0	0	0	3	2	9	7	5	3	1	0	0	0	4	22	4	14	0	0	0	5	2	3			
	9	1023.2	+8.0	11.6	1.6	11.1	81	7.0	0	2	3	15	12	0	0	0	0	0	1	10	8	6	4	1	0	0	5	22	3	9	3	0	0	0	3	2	5			
	15	1022.4	-	15.0	3.3	11.3	66	6.2	0	1	7	14	8	0	0	0	0	0	0	0	13	11	4	2	0	0	1	26	0	10	6	1	0	0	3	2	4			
	21	1023.0	-	10.5	1.2	10.9	86	5.2	1	6	6	7	10	0	0	0	0	0	0	1	7	14	6	2	0	0	0	1	26	3	10	6	1	1	3	2	4	4		
Wittering, Northamptonshire 76	3	1022.4	-	9.3	0.8	10.5	89	5.3	5	3	4	9	9	0	0	0	1	0	2	7	14	3	3	0	0	0	2	26	2	10	1	0	0	3	2	5	7			
	9	1023.0	+7.2	11.5	1.8	10.7	79	6.2	0	3	5	12	10	0	0	0	0	0	1	8	5	9	3	4	0	0	6	24	0	11	5	0	1	1	2	5	4			
	15	1022.2	-	14.7	3.7	10.2	61	5.8	0	5	3	16	6	0	0	0	0	0	0	0	14	10	4	2	0	0	10	20	0	10	9	1	2	0	2	5	4			
	21	1022.8	-	10.6	1.5	10.5	82	4.9	5	4	4	7	10	0	0	0	0	0	0	5	17	6	2	0	0	0	2	26	2	7	8	1	2	0	3	5	1			
Edgbaston, Warwickshire 165	3	1023.5	+7.6	10.5	1.3	10.5	83	6.7	0	1	5	11	12	1	1	0	0	1	2	4	14	5	3	0	0	0	2	22	6	4	7	2	0	2	4	4	1			
	9	1022.4	-	14.3	3.5	10.3	63	5.9	0	4	6	15	5	0	0	0	0	0	1	1	15	12	1	0	0	0	4	25	1	5	8	1	0	3	4	2	3			
	15	1022.9	-	11.5	1.7	10.8	79	4.4	6	4	6	9	5	0	0	0	0	0	1	1	15	12	1	0	0	0	2	24	4	4	5	7	1	0	3	4	2			
	21	1022.9	-	11.5	1.7	10.8	79	4.4	6	4	6	9	5	0	0	0	0	0	1	1	15	12	1	0	0	0	2	24	4	4	5	7	1	0	3	4	2			
Elmdon, Warwickshire 100	3	1023.2	-	8.3	0.7	10.0	91	4.9	6	3	4	7	9	1	1	3	0	2	2	7	6	7	1	1	0	0	0	1	24	5	6	4	1	0	2	3	5			
	9	1023.7	+7.9	10.8	1.3	10.9	84	6.7	0	2	3	12	10	3	0	3	0	0	2	6	10	8	1	0	0	0	2	27	1	11	6	0	1	2	2	3	3			
	15	1022.6	-	14.6	3.5	10.6	64	5.9	0	4	5	13	8	0	0	0	0	0	0	0	15	10	4	1	0	0	2	28	0	7	9	1	3	2	3	3	2			
	21	1023.2	-	10.3	1.3	10.6	84	4.8	5	4	6	8	7	0	0	0	0	0	1	6	16	6	1	0	0	0	0	26	4	5	7	1	3	2	4	3	3			
Brize Norton, Oxfordshire 84	3	1022.6	-	9.4	1.0	10.4	87	5.3	6	3	2	8	11	0	0	0	0	3	7	11	2	7	0	0	0	0	4	19	7	7	6	2	0	1	4	0	3			
	9	1023.3	-	11.4	1.9	10.5	78	6.1	0	3	5	14	8	0	0	0	0	2	1	3	9	6	7	2	0	0	4	20	2	5	10	2	3	0	3	4	1			
	15	1022.0	-	15.6	4.5	9.6	55	5.4	0	4	12	10	4	0	0	0	0	0	1	8	7	8	6	0	0	13	17	0	6	9	3	2	0	3	5	2				
	21	1022.7	-	11.1	1.8	10.4	78																																	



height of barometer above MSL (metres)		hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																						
			at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW						
									mean	0	1-2	3-5	6-7												8	8 or more	6-7	4-5	1-3									calm					
																																							speed (kt)				
																																							22-33	11-21	1-10	0	
number of observations																																											
5 ENGLAND SE—continued																																											
Dungeness, Kent																																											
7																																											
3																																											
9																																											
15																																											
21																																											
Manston, Kent																																											
45																																											
3																																											
9																																											
15																																											
21																																											
Thorney Island, Sussex																																											
4																																											
3																																											
9																																											
15																																											
21																																											
Eastbourne Coastguard, Sussex																																											
7																																											
9																																											
15																																											
21																																											
Abingdon, Berkshire																																											
71																																											
3																																											
9																																											
15																																											
21																																											
Hurn, Hampshire																																											
14																																											
3																																											
9																																											
15																																											
21																																											
South Farnborough, Hampshire																																											
70																																											
3																																											
9																																											
15																																											
Lyneham, Wiltshire																																											
149																																											
3																																											
9																																											
15																																											
21																																											
Boscombe Down, Wiltshire																																											
128																																											
3																																											
9																																											
15																																											
21																																											
Upavon, Wiltshire																																											
177																																											
9																																											
15																																											
21																																											
7a ENGLAND NW																																											
Carlisle, Cumberland																																											
28																																											
3																																											
9																																											
15																																											
21																																											
Squires Gate, Lancashire																																											
11																																											
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9																																											
15																																											
21																																											
Speke, Lancashire																																											
26																																											
3																																											
9																																											
15																																											
21																																											
Ringway, Cheshire																																											
84																																											
3																																											
9																																											
15																																											
21																																											
7b NORTH WALES																																											
Valley, Anglesey																																											
11																																											
3																																											
9																																											
15																																											
21																																											
Pardsey Island, Caernarvonshire																																											
19																																											
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9																																											
15																																											
21																																											
8a SOUTH WALES																																											
Aberporth, Cardiganshire																																											
134																																											
3																																											
9																																											
15																																											
21																																											
Milford Haven Conservancy Board, Pembrokeshire																																											
39																																											
3																																											
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21																																											
Brynamman, Carmarthenshire																																											
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9																																											
15																																											
21																																											
Mumbles, Glamorgan																																											
37																																											
3																																											
9																																											
15																																											
21																																											



Table 4 Summary of observations at fixed hours

September 1972

177

height of barometer above MSL (metres)		hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility										wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
			at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	dew point (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
									mean	0	1-2	3-5	6-7												8	8 or more	22-33	6-7									4-5	1-3	calm																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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**Table 5 Number of days with maximum and minimum temperatures between given limits**
**September 1972**

Temperatures between green limits																																		
Station	maximum °C								minimum °C								Station	maximum °C								minimum °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 (psychrometer)	0	0	2	28	0	0	0	0	0	0	0	0	4	24	2	0	Edgbaston	0	0	0	18	10	2	0	0	0	0	0	0	0	1	24	5	0
Lerwick (large screen)	0	0	2	28	0	0	0	0	0	0	0	0	5	24	1	0	Kew (psychrometer)	0	0	0	8	17	5	0	0	0	0	0	0	0	8	15	7	0
Stornoway	0	0	0	28	2	0	0	0	0	0	0	0	8	15	6	0	Kew (north-wall screen)	0	0	0	8	18	4	0	0	0	0	0	0	0	1	15	14	0
Craibstone	0	0	1	23	6	0	0	0	0	0	0	0	10	20	0	0	Hastings	0	0	0	5	22	3	0	0	0	0	0	0	0	0	17	13	0
Rothsay	0	0	0	18	9	3	0	0	0	0	0	0	6	20	4	0	Southampton	0	0	0	3	21	6	0	0	0	0	0	0	1	18	11	0	
Abbotsinch	0	0	0	12	15	3	0	0	0	0	0	4	2	15	4	0	Stonyhurst	0	0	0	16	11	3	0	0	0	0	0	0	11	17	2	0	
Eskdalemuir (psychrometer)	0	0	1	24	2	3	0	0	0	0	0	5	13	12	0	0	Rhyl	0	0	0	18	12	0	0	0	0	0	0	0	3	18	9	0	
Eskdalemuir (large screen)	0	0	0	24	3	3	0	0	0	0	0	4	13	13	0	0	Valley	0	0	0	5	22	3	0	0	0	0	0	0	4	14	12	0	
Douglas	0	0	0	19	9	2	0	0	0	0	0	0	1	19	10	0	Rhoose	0	0	0	4	23	3	0	0	0	0	0	0	5	19	6	0	
Acklington	0	0	0	19	10	1	0	0	0	0	0	0	10	19	1	0	Falmouth	0	0	0	5	24	1	0	0	0	0	0	0	0	17	13	0	
Gorleston	0	0	0	9	21	0	0	0	0	0	0	0	0	16	13	1	Aldergrove	0	0	0	10	18	2	0	0	0	0	0	0	6	20	4	0	
Cambridge Botanic Gardens	0	0	0	8	20	2	0	0	0	0	0	0	4	21	5	0	Armagh	0	0	0	9	19	2	0	0	0	0	0	0	7	20	3	0	

**Table 6 Summary of autographic records of wind**

District, county and place		height of vane (metres)		distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities						
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt		no record	highest hourly wind			highest gust		
					dates of occurrence	duration (hours)	no. of days	Duration in hours				veer from N	speed (kt)		hour ended at day hour	veer from N	speed (kt)	day and time			
0 SCOTLAND N																					
Zetland	Lerwick	93	10	10	30	0	5	14	265	402	39	0	9.9	260	24	5	10	220	42	7	0015
Orkney	Kirkwall	41	15	10		0	3	5	235	359	121	0	8.6	250	23	21	12	290	40	4	1850
Caithness	Dounreay	34	12	9		0	3	4	202	411	103	0	8.4	300	24	7	20	290	34	10	2235
	Wick	45	10	10		0	0	0	114	448	158	0	6.8	190	20	30	13	270	31	21	1650
Sutherland	Shin	24	10	10																	
Ross & Cromarty	Stornoway Airport	12	10	10		2	4	43	186	349	140	0	9.1	190	34	30	02	190	49	30	0150
	Duirinish	38	20	17		0	4	28	200	293	149	50	8.8	180	29	30	01	180	42	30	0120
Inverness	Benbecula	16	10	10		0	2	14	240	384	82	0	8.9	180	27	29	24	180	41	30	0120
	Corpach	23	15	12																	
	Fort Augustus																				
	(Hydro-electric Board)	58	16	16		0	0	0	87	239	394	0	4.1	220	16	11	13	220	29	6	1245
	Dalcross	19	10	10		0	0	0	91	388	230	11	6.0	210	21	20	15	210	31	20	1425
	Cairngorm	1075	10	10	29,30	9	10	103	178	253	107	70	11.7	190	39	29	10	180	53	29	2200
1 SCOTLAND E																					
Moray	Kinloss	18	13	13		0	0	0	147	430	143	0	7.5	240	21	10	17	190	32	30	0925
	Lossiemouth	31	24	18		0	0	0	130	319	238	33	6.3	280	21	10	14	300	35	10	1320
Aberdeen	Dyce	72	10	10		0	1	1	202	345	172	0	7.6	170	22	30	14	210	35	7	0035
	Fraserburgh	29	13	11		0	3	11	354	312	26	17	10.8	280	26	11	12	280	46	7	1245
	Bell Rock	39	40	38		0	9	34	343	213	130	0	10.6	230	26	6	23	240	31	6	1845
Angus	Rannoch	307	17	17	Defective Record	0	0	0	20	238	462	0	3.2	260	15	10	14	260	28	10	1555
Perth	Tummel Bridge	161	16	16		0	0	0	122	470	128	0	7.0	240	19	20	16	230	31	20	1450
Fife	Leuchars	25	13	13		0	0	0	120	386	214	0	6.4	270	19	11	13	270	31	11	1355
Midlothian	Turnhouse	43	13	10		0	0	0													
6a SCOTLAND W																					
Argyll	Tiree	24	16	12		0	3	44	247	334	95	0	9.6	170	30	30	01	170	41	29	2320
	Machrihanish	23	13	13		0	2	11	215	305	187	2	7.8	160	28	30	17	160	42	30	1625
	Dunstaffnage	13	10	10		0	0	0	107	298	315	0	5.5	130	20	30	12	290	33	10	1320
Dunbarton	Cumbernauld	166	10	10	Defective Record	0	0	0	68	263	389	0	4.2	200	16	30	0	300	31	10	1555
Renfrew	Paisley	57	25	9		0	0	0	109	305	306	0	5.5	220	18	21	02	270	29	10	1605
	Abbotsinch	16	10	10		0	3	9	240	293	165	13	8.2	260	25	10	15	260	39	10	1830
Ayr	Ardrossan	24	20	-		0	0	0	40	226	454	0	3.6	180	16	30	07	170	25	30	0010
	Hunterston	13	10	10		0	0	0	129	310	281	0	5.9	230	18	21	04	230	31	21	0255
	Prestwick	21	10	10		0	0	0	76	333	311	0	5.0	200	16	21	04	220	27	21	0315
Dumfries	Eskdalemuir	259	10	10		0	0	0	172	336	212	0	6.9	190	17	30	02	330	28	9	1255
Wigtown	West Freugh	25	10	10		0	0	0													
6b ISLE OF MAN																					
	Ronaldsway	25	10	10		0	0	0	182	418	120	0	7.4	340	18	13	14	320	28	9	1030
	Point of Ayre	20	10	10		0	1	2	273	351	94	0	9.2	290	22	10	21	290	34	10	1915
2 ENGLAND NE																					
Durham	Durham	119	16	10	Defective Record	0	1	3	172	379	166	0	7.2	350	23	9	07	350	31	9	0740
	South Shields	22	17	13		0	0	0	121	428	171	0	6.7	350	19	9	09	360	29	9	0925
Yorks N.R.	Leeming	42	10	10		0	2	10	291	325	85	9	9.6	010	29	9	06	330	44	9	0825
	Middlesbrough	23	19	19		0	0	0	121	529	70	0	7.5	070	17	8	23	320	28	9	0905
Lincoln	Waddington	80	10	10		0	0	0	235	412	73	0	8.6	160	21	9	04	180	33	9	0405
	Cranwell	68	13	13		0	1	1	115	473	131	0	7.0	160	22	9	04	160	35	9	0400
	Coningsby	16	10	10		0	0	0	193	431	96	0	8.0	360	17	18	15	260	30	11	1310
	Binbrook	118	10	10		0	0	0													
	Manby	26	10	10		0	1	1	144	458	117	0	7.3	170	23	9	05	170	36	9	0420
3 ENGLAND E																					
Norfolk	Marham	29	10	10		0	0	0	132	413	175	0	6.7	170	20	9	04	170	32	9	0340
	West Raynham	93	16	14		0	1	4	227	435	54	0	8.6	180	25	9	06	180	37	9	0435
	Coltishall	27	10	10		0	0	0	95	439	186	0	6.3	190	19	9	06	190	31	9	0505
	Gorleston	16	13	13		0	2	9	304	374	8	25	10.7	160	28	9	05	160	43	9	0400
Suffolk	Honington	60	13	13		0	0	0	134	438	148	0	6.9	170	21	9	04	170	34	9	0345
	Wattisham	104	16	10		0	0	0	173	489	58	0	8.1	200	19	9	05	200	34	9	0445



Table 6 Summary of autographic records of wind

September 1972

District, county and place		height of vane (metres)		distribution of hourly mean values of wind speed										mean hourly wind speed (kt)		highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
		above MSL	above ground	effective height	34 kt or more (gale force)					22-33kt						11-21kt		4-10kt		less than 4 kt		no record		highest hourly wind				highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					dates of occurrence			duration (hours)	no. of days	Duration in hours			veer	from N	speed (kt)	hour ended at	day	hour	veer	from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
3 ENGLAND E—continued																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													



**Table 3 Additions and corrections**

Table 3 Additions and corrections																																	
Year Month Station	max.terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																	
1952 September Llandrindod Wells					*50.1 6.8																												
1970 April Askham Bryan			10.4																														
December Kew (NWS)										3.4		26.27																					
Annual Askham Bryan			13.0		9.1																												
1971 July Prestatyn			19.9	13.1	16.5	-	27.8	8	8.3	18	-	-	50	85	13	30	8	7	0	0	0	0	0	0	0	0	0	0	0	7.23	113		
September			18.7	10.8	14.7	-	24.0	8	6.7	5	-	-	22	32	8	26	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
October			(15.7)	9.4	(12.5)	-	22.4	1	1.9	14	-	-	50	65	24	18	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
November			10.4	5.7	8.1	-	16.8	1	0.5	29	-	-	84	120	16	20	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
December			10.1	5.7	7.9	-	16.5	20	-2.2	3	-	-	21	32	14	22	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Annual Buxton																																	
1972 January Mansfield		115	-		-	-	-	-	-	-										10													
February Shoeburyness													37	71					1														
Speke																																	
Edgbaston																																	
Mansfield		115	-		-	-	-	-	-	-																							
March Buxton																																	
Edgbaston																																	
Mansfield		115	-		-	-	-	-	-	-																							
April Mansfield		115	-		-	-	-	-	-	-																							
May Mansfield		115	-		-	-	-	-	-	-																							

\* Fahrenheit

The following amendments to the 1971 Volume should be made:  
 Introduction p(vii): add letter S to Aldergrove in list.  
 January - July, December: add symbol † to Bush House and symbols  
 † to Blackford Hill.  
 January - July: add symbol † to Moneydig.





3 8078 0006 6125 8

## Long dry spells, especially in the east

Anticyclones or ridges of high pressure dominated all districts during the first 7 days and again from the 12th to 21st. During the former period high pressure was centred to the east of the British Isles and during the latter period it was centred over or to the west of the British Isles; on the 18th atmospheric pressure at mean sea level in the Hebrides reached some 1042 mb. At other times troughs of low pressure affected all areas but they were weak in the east.

### Weather

With few exceptions only small amounts of rain occurred in most districts during the first 3 weeks, especially in the east. This spell was also characterized by warm days after cold foggy nights with fog most prevalent and often slow to disperse in northern England and southern Scotland. Snow showers fell in the Scottish Highlands around the 20th. The last 10 days or so were generally warm and changeable but rainfall amounts continued to be mainly small away from the north and west of the United Kingdom.

### Wind

Although, in contrast to inland areas, winds around coasts were often strong locally, the windiest period generally was the last 11 days. On the 22nd and 23rd north-westerly winds reached gale force in parts of Scotland, Northern Ireland and over high ground in northern England. Gusts of 40-50 kt occurred widely as far south as Yorkshire and on the 23rd a gust of 61 kt was recorded at Dounreay (Caithness). Thereafter local gales were a daily occurrence in the north and west of the United Kingdom. On the 29th and early on the 30th gusts of 40-50 kt again occurred widely in the northern half of the United Kingdom and also in Wales and western England as far south as Cornwall. Gusts of 76 kt were recorded overnight on the 29th/30th at Duirinish (Ross and Cromarty), Tiree (Argyll) and the upland station of Great Dun Fell (Westmorland).

### Temperature

Monthly mean temperature in most districts was near or a little above average. Days were generally warmer than average during the first week and it was very warm at times away from coasts; on the 6th a temperature of 23.4°C was recorded at Grantown-on-Spey (Moray). However, during the same period nights were mostly colder than average with frost in places and, in upland areas in the north and west, the temperature occasionally fell to around -5°C. After a short spell with warm nights, frost returned to Scotland and northern England overnight on the 11th/12th and again on the 12th/13th. After this, except in central Scotland by day, it was generally colder than average until the 21st. Frost was

reported in Scotland and Northern Ireland early on the 20th and frost occurred in many parts of Wales and western England on the next night. The remainder of the month was generally warmer than average, especially in southern England but frost recurred in Scotland and Northern Ireland on the morning of the 31st.

### Rainfall

Rainfall was below average everywhere with half the average exceeded only in parts of the western half of the United Kingdom and then mainly by small amounts. Here and there in north-west England, North Wales and over substantial areas in the eastern halves of England and Scotland, rainfall failed to reach a quarter, and in some places not even a tenth, of the average. Rainfall amounts were exceedingly small in some localities; many stations in Essex and Suffolk had a mere 1 to 2 mm of rainfall during the whole month while at least 2 stations, one near Witham (Essex) and one near Sudbury (Suffolk) recorded no measurable rainfall whatsoever. Ipswich Museum had its lowest October rainfall (3.6 mm) since records began in 1897 and in the Ipswich area generally it was almost certainly the driest October since 1872 when records began. Farther north, Craibstone (Aberdeenshire) and Geanies House (Ross and Cromarty) had their lowest October rainfall since 1924 and over Scotland as a whole it was the driest October since 1951. Some areas in the extreme east of England and Scotland had no measurable rainfall until the 21st. Most parts of the United Kingdom were dry during the first 7 days and, with a few exceptions, only small amounts of rain occurred from the 13th to 26th. It was changeable in the north and

west from the 8th to 12th; in the 24 hours from 09 GMT on the 8th a rainfall of 55.0 mm occurred at Glencroe (Argyll) and in a similar period on the 9th a fall of 57.5 mm was recorded at Princetown (Devon). The last 10 days or so were also changeable, again more especially in the north and west where rainfall was sometimes heavy. During the 21st and 22nd rain and showers gave some heavy rain in the North West Highlands of Scotland including 63.9 mm at Kinloch, Reay Forest (Sutherland) in the 24 hours beginning at 09 GMT on the 22nd.

### Sunshine

Most of Scotland was sunnier than average, especially in the south-west where Prestwick (Ayrshire) had its sunniest October since 1932. Elsewhere in the United Kingdom sunshine amounts were mostly near average but there were noteworthy exceptions in parts of north-west England where it was sunny and in parts of the Midlands and south-west England where it was dull.

### Fog

During the first 3 weeks fog was a frequent occurrence in England, Wales and southern Scotland. From the 4th to 8th especially, fog occurred widely night and morning. During this period fog was often dense and slow to disperse, particularly in parts of Yorkshire, north-west England and southern Scotland where it occasionally persisted into the afternoon and returned quickly during the evening. On the 15th and 17th fog was persistent by day in the Glasgow area.

### Miscellaneous Phenomena

The aurora was seen by observers in Scotland on 14 nights.

**Table 1 District values**

**October 1972**

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max	min	mean				
	Max. †	Min. †	difference from average						
0 Scotland N	22.0	-2.0	+1.0	+0.2	+0.6	—	-8	49	111
1 Scotland E	19.8	1.7	+1.2	+0.4	+0.8	+0.7	-10	26	110
2 England N E	18.8	-1.2	+0.3	+0.3	+0.3	+0.2	-7	23	90
3 England E	22.5	0.6	+0.3	+0.8	+0.6	-0.4	-8	15	94
4 Midland Counties	21.4	-1.4	+0.3	+0.5	+0.4	-0.2	-8	40	83
5 England S E	21.7	-1.9	+0.1	+0.6	+0.3	-0.5	-8	33	104
6 Scotland W	19.6	-3.9	+1.2	+0.1	+0.7	+0.4	-10	43	129
7 Eng N W - Wales N	21.0	-1.3	+1.0	+0.2	+0.6	+0.3	-9	33	113
8 Eng S W - Wales S	18.8	-1.2	-0.1	+0.2	+0.0	-0.3	-8	53	86
N Ireland	18.2	-1.2	+0.7	+0.1	+0.4	—	-9	49	102
Scotland	22.0	-3.9	+1.1	+0.2	+0.7	—	-9	39	117
England & Wales	22.5	-1.9	+0.3	+0.4	+0.4	—	-8	35	95

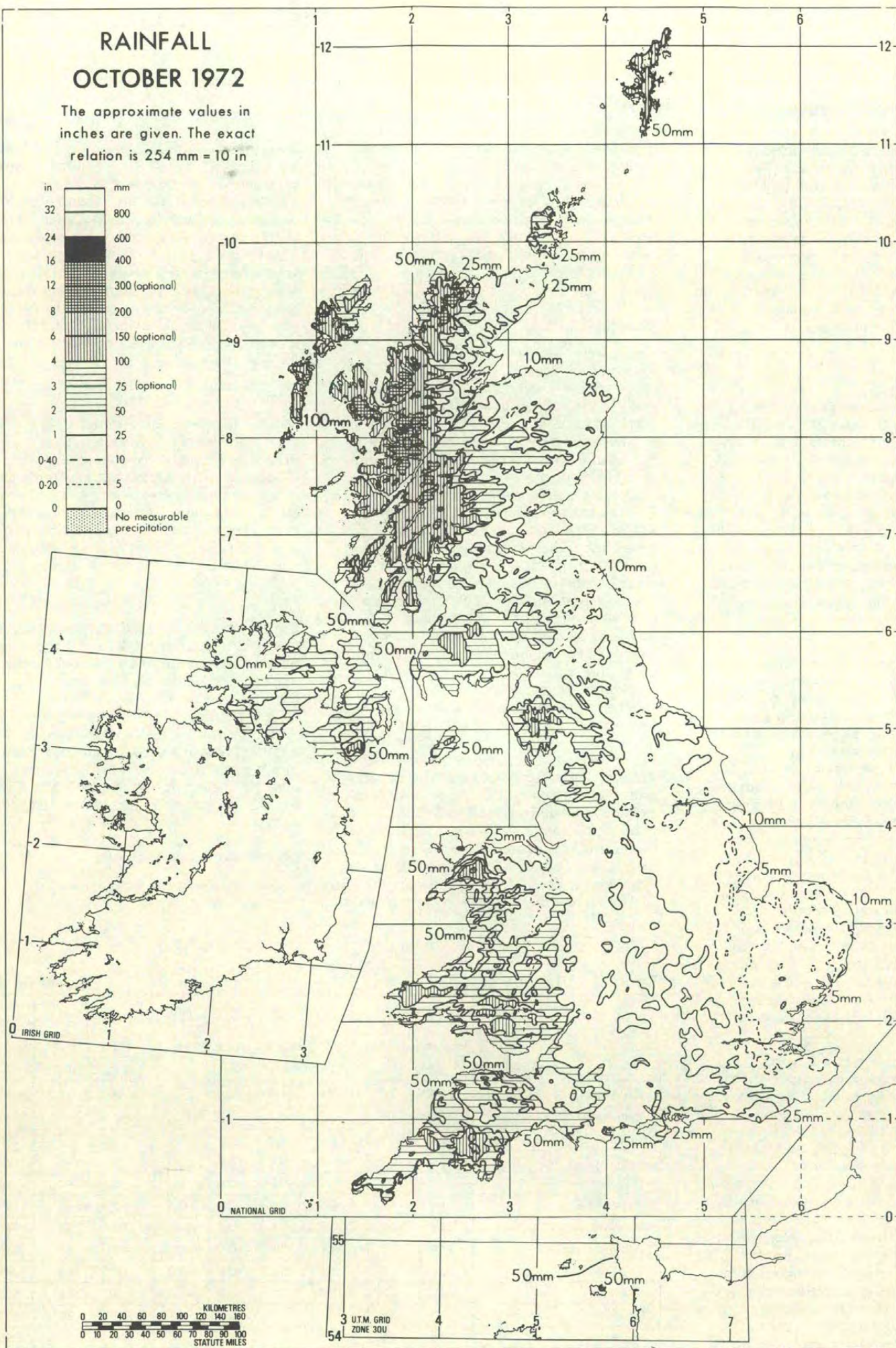
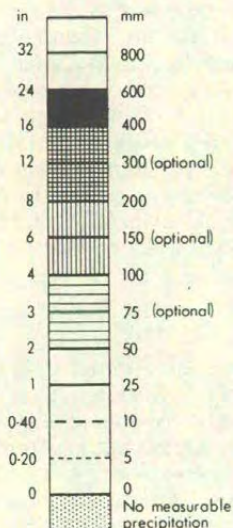
† Highest max. and lowest min. of the District Value Stations

MWR dup (1)



# RAINFALL OCTOBER 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





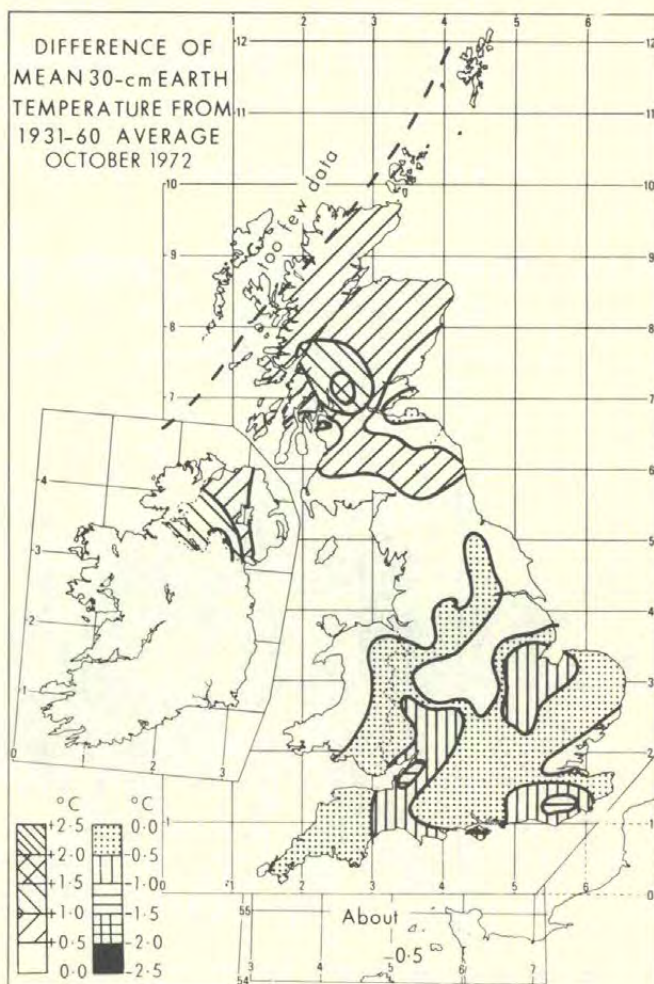
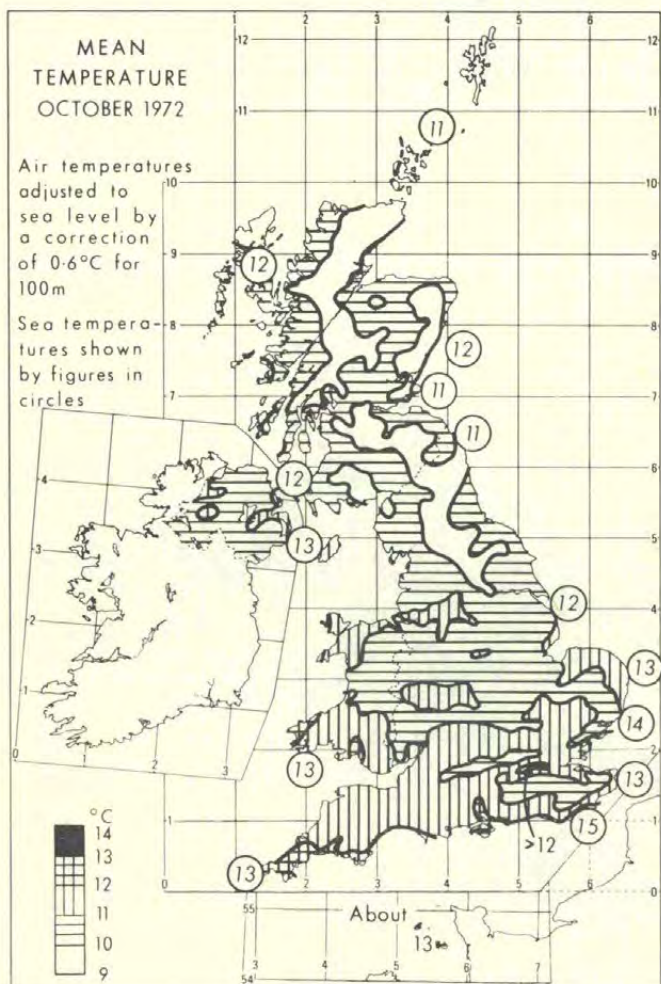
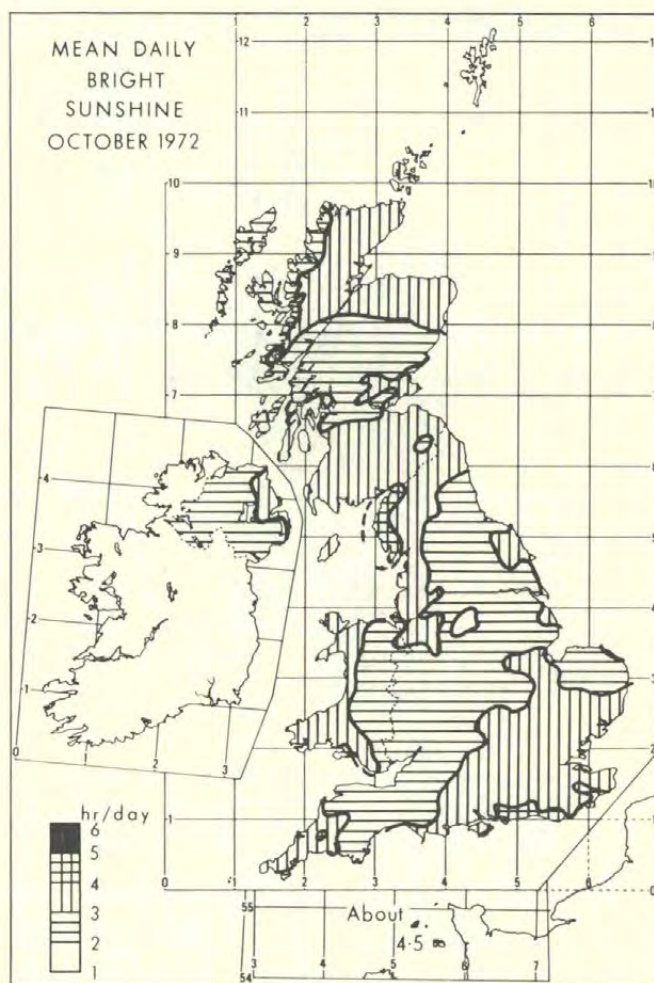
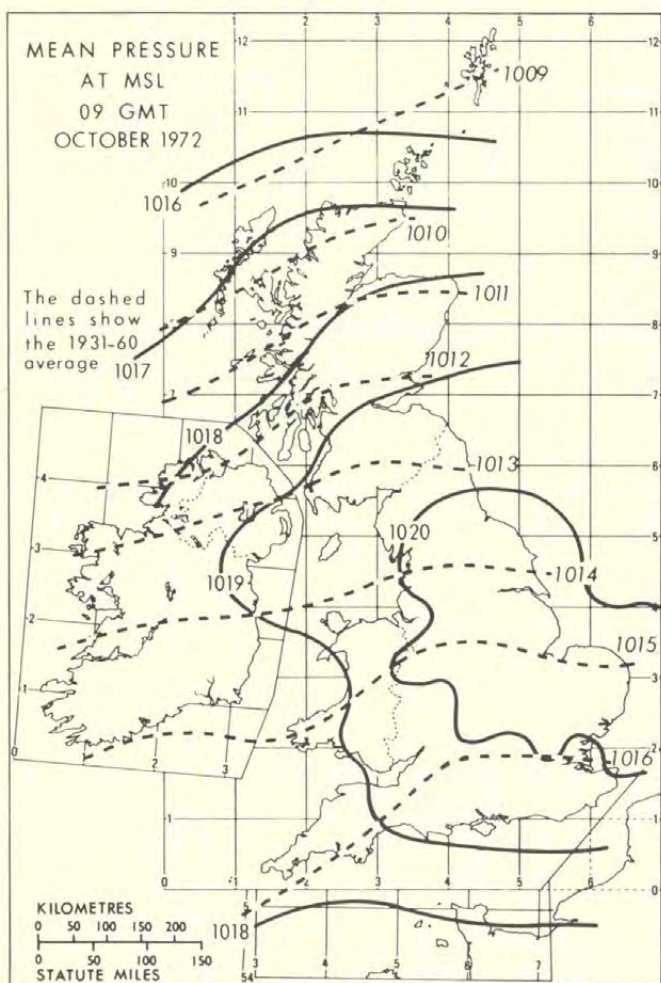




Table 2 Solar radiation and illumination

October 1972

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	249	6	22	27	99.6	31	134	1	22	25	70.5	31	297	6	27	27	121.9	31
Eskdalemuir	323	5	35	27	152.7	31	174	23	33	27	88.4	31	378	5	45	27	178.6	31
Cardington	354	5	32	11	170.6	31	176	28	32	11	96.7	31	-	-	-	-	-	-
London Weather Centre	346	5	56	17	163.0	31	169	2	52	17	87.9	31	414	5	81	17	209.9	31
Kew	346	5	47	10	175.4	31	114	2	43	10	92.7	31	416	5	69	10	219.8	31
Easthampstead	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aberporth	383	4	59	17	179.3	31	203	2	59	17	103.5	31	-	-	-	-	-	-
Aldergrove	285	10.11	27	27	145.4	31	158	3	27	27	88.2	31	-	-	-	-	-	-
Jersey Airport	406	4	35	30	222.5	31	172	2	35	30	105.4	31	424	4	46	30	241.1	31

Table 3 Summary of daily observations

October 1972

District, county and place	max. terminal h (GMT)	min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
				means of		daily mean (mean of a & b)	difference from 1931-50 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure		
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																	
0 SCOTLAND N																																		
Zetland																																		
Hamnavoe	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lerwick	21-9	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
psychrometer screen			10.6	7.4	9.0	-	14.5	8	0.6	18	-	-	84	71	20	31	24	17	0	0	0	4	0	3	0	3	2	4	1.90	88	-	-	-	
Baltasound	9 9	24	11.4	6.8	9.1	+0.8	14.6	8	0.1	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
							16.1	8	1.8	18	9.2	-	99	82	25	31	21	16	2	0	0	0	0	1	0	-	-	3	1.29	-	-	-	-	
Orkney																																		
Sule Skerry	21-9	13	12.0	8.6	10.3	-	14.7	8	4.4	31	-	-	82	-	18	22	20	14	0	0	0	0	0	0	0	0	0	0	2	-	-	-	-	
Stenness	9 9	23	12.3	7.4	9.9	-	18.0	8	1.8	12	9.6	10.0	48	42	13	22	15	11	2	0	0	0	0	0	0	0	3	-	4	3.72	-	-	-	
Kirkwall	21-9	26	11.9	7.3	9.6	+0.7	16.4	8	2.8	12	-	-	43	37	12	22	14	10	1	0	1	1	0	0	0	0	1	3	3.45	139	-	-	-	
Caithness																																		
Dounreay	9 9	21	13.4	6.0	9.7	-	18.5	6	2.0	12	-	-	25	24	8	22	11	7	0	0	0	0	0	2	0	2	-	1	3.76	-	-	-	-	
Wick	21-9	36	12.3	7.1	9.7	+0.7	17.6	4	2.2	16	-	-	23	29	6	22	10	8	0	0	0	1	0	0	0	2	0	1	3.57	127	-	-	-	-
John O Groats	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sutherland																																		
Cape Wrath	21-9	112	11.8	8.2	10.0	+0.6	16.6	6.9	2.2	20	-	-	51	39	14	25	16	11	0	0	0	0	0	1	0	0	0	1	3.11	-	-	-	-	
Lairg	9 9	107	13.3	4.2	8.7	-	20.2	7	-1.5	20	8.7	9.5	26	-	9	21	9	6	0	0	0	0	0	3	4	11	-	0	3.15	-	-	-	-	
Strathay	9 9	37	13.5	5.5	9.5	+0.9	21.1	7	0.4	16	-	-	41	33	15	22	15	7	0	0	0	0	0	0	0	-	-	1	3.32	141	S	-	-	
Ross & Cromarty																																		
Stornoway	21-9	3	12.5	6.3	9.4	0.0	16.0	4.6	-0.2	20	-	-	77	70	12	29	16	13	0	0	0	0	0	0	1	10	5	1	2.79	113	-	-	-	
Balmacara	9 9	4	14.3	6.3	10.3	-	18.0	7	0.0	20	-	-	133	-	19	31	16	14	0	0	0	0	0	1	0	-	-	1	-	-	-	-	-	
Poolewe	9 9	6	13.8	7.7	10.7	-	19.7	6	0.7	20	-	-	118	73	18	25	16	14	0	0	0	0	0	0	0	2	-	3	2.85	-	-	-	-	
Rudh Re	21-9	16	12.6	8.5	10.5	-	17.4	6	4.0	11	-	-	83	-	13	31	16	13	0	0	0	0	0	1	0	0	0	2	-	-	-	-	-	
Inverpoll	9 9	14	13.5	7.0	10.3	-	20.2	6	(-0.5)	20	-	-	94	66	(19)	22	19	14	0	0	0	0	0	-	1	6	-	3	2.46	-	-	-	-	
Kinlochewe	9 9	23	14.1	5.2	9.7	+0.3	21.0	6	-2.3	20	9.9	-	179	81	36	31	16	13	-	-	-	-	3	4	9	-	-	-	2.15	-	S	-	-	
Knockanrock	9 9	244	12.0	6.3	9.1	-	17.9	7	1.8	12.20	-	-	155	-	42	22	18	15	0	0	0	3	0	-	0	9	-	1	-	-	-	-	-	
Strathconon	9 9	107	13.9	3.6	8.7	-	20.4	7	-2.5	20	-	-	65	-	19	22	14	10	0	0	0	0	0	-	7	12	-	0	-	-	-	-	-	
Fortrose	9 9	5	13.0	7.5	10.3	+0.6	17.0	4	2.5	20	-	-	5	6	1	21	6	2	0	0	0	0	0	1	0	-	0	3.42	123	-	-	-	-	
Tarbatness	21-9	18	13.1	7.4	10.3	+1.0	18.0	4	2.5	3	-	-	8	14	3	22	8	3	0	0	0	0	0	1	0	-	2	-	-	-	-	-	-	
Inverness																																		
Benbecula	21-9	6	12.6	8.3	10.5	+0.7	17.4	6	1.1	20	-	-	105	80	20	29	16	16	0	0	0	0	0	1	0	4	1	2	2.95	-	-	-	-	
Isle of Rhum	9 9	5	13.9	7.7	10.8	-	20.0	6	1.5	20	11.3	11.9	191	65	39	8	15	13	0	0	0	0	0	1	0	5	-	3	2.67	-	-	-	-	
Prabost	9 9	67	12.7	6.7	9.7	-	18.6	6.7	1.9	21	-	-	155	71	29	31	18	13	0	0	0	1	0	0	0	10	-	3	2.65	-	-	-	-	
Duntulm	9 9	90	12.3	7.7	10.0	+0.6	17.2	6.7	3.3	28	-	-	106	69	14	31	17	16	0	0	0	0	0	0	0	2	-	7	2.74	123	-	-	-	
Onich	9 9	15	14.0	6.8	10.4	+0.9	22.0	5	-2.0	20	-	-	123	53	19	29	13	13	-	-	-	-	11	2	6	-	-	-	2.19	106	S	-	-	
Corpach	9 9	8	14.2	6.6	10.4	-	19.7	5	-0.3	20	-	-	135	-	30	8	14	14	0	0	0	0	0	1	5	-	0	-	-	-	-	-	-	
Fort Augustus	9 9	21	13.6	5.9	9.7	+0.9	18.3	7	-0.5	20	-	-	43	-	11	29	14	12	-	-	-	-	3	1	-	-	-	-	2.96	-	-	-	-	
Lagganlia	9 9	250	13.2	4.5	8.9	-	22.5	6	-2.3	16	-	-	16	-	3	29	10	7	0	0	0	0	0	1	5	8	-	1	-	-	-	-	-	
Inverness	9 9	4	14.2	6.8	10.5	-	19.5	9	3.1	21	-	-	11	16	6	21	7	3	0	0	0	0	0	2	0	4	-	0	3.53	-	-	-	-	
Coire Cas Shielling	9 9	762	9.4	4.0	6.7	-	18.4	6	-2.3	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	
Cairngorm	9 9	1090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenmore Lodge	9 9	341	12.9	3.8	8.3	+1.2	22.8	6	-2.2	12	-	-	35	31	7	29	16	10	-	0	-	-	-	1	5	12	6	-	3.52	-	-	-	-	
Moy	9 9	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND E																																		
Nairn																																		
Nairn	9 9	6	13.8	5.9	9.9	+0.7	20.4	8	1.7	3.21	-	-	7	11	3	22	7	3	0	0	0	0	0	0	0	9	-	0	3.90	130	-	-	-	-
Moray																																		
Grantown-on-Spey	9 9	229	13.2	3.5	8.3	-	23.4	6	-4.3	3	-	-	10	-	3	9	10	3	0	0	0	0	0	2	5	20	-	0	3.71	-	-	-	-	
Forres	9 9	50	14.0	6.7	10.3	+1.2	19.8	8	2.0	6.7	10.2	11.4	11	15	5	22	7	2	1	0	0	0	0	0	0	6	-	1	3.97	132	-	-	-	
Kinloss	21-9	5	14.1	6.4	10.3	+1.1	19.8	8	1.6	16	10.1	-	-	9	13	5	22	7	2	0	0	0	0	0	0	12	2	3	3.90	-	-	-	-	
Elgin	9 9	15	14.3	5.9	10.1	-	21.4	7	-1.1	16	-	-	15	21	5	22	9	6	-	0	-	-	-	0	1	3	-	-	3.54	-	-	-	-	
Lossiemouth	9 9	6	14.3	5.6	9.9	+0.8	20.6	6	-0.9	16	-	-	10	15	3	22	8	4	-	-	-	-	-	-	2	7	-	-	-	-	-	-	-	
Gordon Castle	9 9	32	14.5	6.4	10.5	+1.3	20.6	6	1.9	12	-	-	14	18	5	22	9	5	0	0	0	0	0	-	0	-	-	0	3.70	129	-	-	-	-



October 1972

[illegible]



Table 3 Summary of daily observations

October 1972

District, county and place	max terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min	date					amount (mm)	date																	
1 SCOTLAND E — continued																																	
Roxburgh																																	
Wauchope	9 9	155	13.4	4.0	8.7	-	19.5	4	-3.4	20	-	-	17	19	4	9	11	6	0	0	0	0	0	2	5	-	-	1	-	-	-	-	
Kelso	9 9	34	14.3	5.0	9.7	-	20.6	4	-1.0	6	-	-	12	-	7	9	7	2	0	0	0	0	3	1	7	-	0	2.89	-	-	-		
Sourhope (see Introduction)	9 9	221	13.1	5.7	9.4	+1.1	19.9	4	-0.9	21	-	-	20	-	7	9	10	5	0	0	0	0	1	1	6	-	0	3.43	-	-	-		
6a SCOTLAND W																																	
Argyll																																	
Tiree	21-9	9	13.0	9.0	11.0	+0.6	18.3	5	4.7	5	-	-	86	66	21	27	15	11	0	0	0	0	0	0	1	0	3	2.72	103	-	-	-	
Port Ellen	9 9	18	13.8	7.9	10.9	-	19.4	5	0.4	20	-	-	63	-	22	27	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rhuvaal	21-9	20	13.6	9.2	11.4	-	19.0	5	6.6	31	-	-	100	56	38	27	14	11	0	0	0	0	0	0	0	0	6	-	-	-	-	-	
Colonsay	9 9	30	13.1	8.7	10.9	+0.7	17.5	5	4.0	20	-	-	79	50	25	27	15	13	0	0	0	0	2	0	-	-	2	-	-	-	-	-	
Aros	9 9	37	13.8	-	-	-	19.8	5	-	-	-	-	144	-	33	27	15	14	0	0	0	0	1	-	11	-	2	-	-	-	-	-	
Machrihanish	21-9	10	13.8	7.9	10.9	-	17.6	5.6	1.7	20	-	-	63	51	33	27	11	9	0	0	0	0	0	1	1	1	2	3.20	-	-	-	-	
Campbeltown	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Polloch	9 9	15	13.8	6.2	10.0	-	21.8	6	(-2.7)	20	-	-	164	-	29	29	15	14	0	0	0	0	0	2	2	-	0	-	-	-	-	-	
Knapdale Forest	9 9	40	13.4	5.4	9.4	-	18.6	5	-3.0	20	-	-	102	-	24	27	16	14	-	-	-	-	1	2	10	-	-	-	-	-	-	-	
Dunstaffnage	9 9	3	13.7	7.9	10.8	-	20.1	5	-0.4	20	-	-	97	-	20	27	14	11	0	0	0	0	0	1	-	-	0	-	-	-	-	-	
Glenbranter	9 9	24	13.2	5.7	9.5	-	19.0	5	-2.5	21	-	-	149	-	36	27	16	13	0	0	0	0	2	2	9	-	0	-	-	-	-	-	
Glen Etive	9 9	24	13.9	6.0	9.9	-	20.7	5	-3.7	21	-	-	149	-	36	29	15	14	0	0	0	0	0	3	6	-	0	-	-	-	-	-	
Benmore Younger Botanic Gardens	9 9	12	13.0	6.2	9.6	-	18.9	5	-1.8	21	-	-	137	50	32	8	15	12	0	0	0	0	4	2	9	-	0	-	-	-	-	-	
Bute																																	
Kildonan	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Broddick Castle	9 9	15	14.0	7.0	10.5	-	19.6	5	1.5	20	11.5	-	103	52	29	27	12	11	0	0	0	0	0	0	5	-	2	-	-	-	-	-	
Rothesay	9 9	43	13.5	7.8	10.7	+1.1	17.5	14	0.5	20,21	10.2	10.7	63	38	16	27	10	9	0	0	0	0	0	0	3	-	0	3.25	137	-	-	-	
Dunbarton																																	
Finnart	9 9	15	13.4	7.5	10.5	-	18.8	5	1.2	21	-	-	93	-	31	8	14	12	0	0	0	0	2	0	-	-	0	-	-	-	-	-	
Helensburgh	9 9	89	12.6	6.3	9.5	+0.4	17.0	5	-0.5	21	-	-	51	31	14	8	13	11	0	0	0	0	4	1	-	-	0	2.76	128	S	-	-	
Sloy	21-9	12	13.4	7.1	10.3	-	19.6	5	-1.2	21	-	-	145	-	49	8	15	13	0	0	0	0	0	1	-	-	1	-	-	-	-	-	
Arrochymore	9 9	37	13.6	5.7	9.7	-	18.7	5	-1.8	12	-	-	55	-	17	8	14	13	0	0	0	0	4	3	10	-	0	3.04	-	-	-	-	-
Cumbernauld	9 9	94	12.7	4.9	8.8	-	17.3	8	-3.0	21	-	-	32	-	12	9	8	6	0	0	0	0	5	1	12	-	0	-	-	-	-	-	
Stirling																																	
Earls Hill	21-9	335	11.2	5.5	8.3	-	16.5	5	-1.0	21	-	-	54	-	14	9	13	9	0	0	0	0	3	1	3	2	3	3.25	-	-	-	-	-
Stirling Batterflats	9 9	38	14.5	5.4	9.9	-	19.8	5	-3.9	21	11.0	11.9	35	-	11	9	11	7	0	0	0	0	5	2	14	-	0	3.07	-	-	-	-	-
Parkhead	9 9	107	14.0	-	-	-	18.7	5	-	-	10.8	-	23	-	6	9	8	5	0	0	0	0	6	-	-	-	-	-	-	-	-	-	
Falkirk Sewage Works	9 9	3	14.0	5.8	9.9	-	18.5	4	-0.5	21	-	-	22	-	13	9	8	5	0	0	0	0	3	1	-	-	0	2.66	-	-	-	-	-
Grangemouth	9 9	4	14.1	6.6	10.3	-	18.5	9	0.5	21	-	-	23	-	15	9	7	4	-	0	-	-	5	0	1	-	-	-	-	-	-	-	
Renfrew																																	
Greenock	9 9	61	12.8	7.5	10.1	+0.3	17.4	5	1.8	21	-	-	59	31	14	8	11	10	0	0	0	0	4	0	1	-	0	3.17	141	-	-	-	-
Paisley	9 9	32	14.0	6.8	10.4	+0.6	19.0	5	1.4	21	10.1	11.3	33	25	9	28	10	8	0	0	0	0	6	0	3	-	0	2.65	114	-	-	-	-
Barrhead	9 9	30	13.9	4.9	9.4	-	18.6	5	-3.0	21	-	-	34	27	11	28	9	7	0	0	0	0	6	2	11	-	2	-	-	-	-	-	
Abbotsinch	21-9	5	14.0	6.0	10.0	+0.5	18.8	5	-3.9	21	-	-	31	26	9	28	10	8	0	0	0	0	7	5	10	5	0	2.75	118	-	-	-	-
Lanark																																	
Crossmyloof	9 9	23	14.1	5.7	9.9	-	18.9	4	-2.6	21	-	-	40	-	9	22	9	8	0	0	0	0	3	2	-	-	0	-	-	-	-	-	
East Kilbride	9 9	178	13.1	4.7	8.9	-	20.2	5	-1.5	21	-	-	34	-	13	28	8	7	0	0	0	0	0	1	-	-	0	3.81	-	-	-	-	-
Glasgow, Springburn	9 9	107	13.0	6.1	9.5	+0.7	17.3	5	-0.2	21	-	-	30	26	7	9	10	8	0	0	0	0	5	1	9	-	0	2.82	129	-	-	-	-
Coatbridge	9 9	78	13.9	-	-	-	19.2	5	-	-	-	-	27	28	9	9	7	7	0	0	0	0	3	-	-	-	0	-	-	-	-	-	
Leadhills	9 9	387	11.8	4.3	8.1	+0.6	18.2	5	-4.6	21	-	-	70	38	16	29	11	9	0	0	0	0	1	3	13	-	0	-	-	-	-	-	-
Crawfordjohn	9 9	274	12.6	2.9	7.7	-	19.0	5	-5.3	21	9.8	-	29	-	9	29	10	6	0	0	0	0	2	10	13	9	1	3.78	-	-	-	-	-
Lanark	9 9	152	-	-	-	-	-	-	-	-																							



### Table 3 Summary of daily observations

October 1972

District, county and place	max terminal h (GMT)	min of observation	height of station above MSL (metres)	air temperature in °C										mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)		percentage of 1916-50 average	most in a day		precip- itation	10 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min °C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
				max. (a)	min. (b)			max.	date	min.	date			total fall (mm)	amount (mm)		date	0.2 mm or more															
6b ISLE OF MAN																																	
Isle of Man																																	
Ronaldsway	21-9	16	14.0	8.6	11.3	-	15.9	2,15	-0.7	21	-	-	26	27	6	9,27	10	6	0	0	0	0	0	0	0	1	2	2	1	1	3.59	-	-
Douglas	9 9	87	13.2	9.0	11.1	+1.6	15.2	13	2.0	21	-	-	40	31	11	8	9	6	0	0	0	0	0	0	0	0	0	1	0	3.67	112	-	
Point of Ayre	21-9	9	13.8	9.9	11.9		17.0	2	3.5	31	-	-	55	63	19	9	10	7	0	0	0	0	0	0	0	0	0	2	2	3.74	-	-	
2 ENGLAND NE																																	
Northumberland																																	
Kielder Castle	9 9	201	12.9	3.6	8.3	-	19.5	4	-2.6	13	10.2	-	31	24	9	21	8	7	0	0	0	0	0	0	0	5	6	-	0	-	-	-	
Haydon Bridge	9 9	79	14.1	5.1	9.6	-	19.3	8	-2.2	13	10.3	11.4	9	-	4	9	7	1	0	0	0	0	0	0	0	6	2	6	-	0	-	-	
Corbridge	9 9	49	13.9	4.3	9.1	-	20.1	8	-2.5	13	-	-	15	-	11	9	8	2	0	0	0	0	0	0	0	3	2	10	-	0	-	-	
Berwick-on-Tweed	9 9	23	13.2	6.9	10.1	+0.6	18.8	4	2.7	3	-	-	11	18	5	9	8	4	0	0	0	0	0	0	0	1	0	1	0	3.29	101	-	
Acklington	21-9	42	13.2	5.5	9.3	0.0	19.8	8	0.4	13	-	-	19	29	8	9	12	7	0	0	0	0	0	0	0	4	0	5	3	0	3.21	-	-
Tynemouth	21-9	29	12.7	8.1	10.4	0.0	18.5	8	2.5	21	-	-	19	31	6	9	10	4	0	0	0	0	0	0	0	3	0	2	-	2	2.57	86	-
Seahouses	21-9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Durham																																	
Chopwellwood	9 9	136	13.5	6.1	9.8	+0.6	20.0	8	0.0	21	-	-	23	34	8	27	9	6	0	0	0	0	0	0	0	3	0	12	-	0	-	-	
Durham	9 9	102	13.5	5.9	9.7	+0.3	18.4	8	-0.5	13	10.3	11.6	12	20	6	9	8	3	0	0	0	0	0	0	0	8	1	8	-	0	2.74	91	-
Hartburn Grange	9 9	31	14.0	5.2	9.6	-	18.0	8	-1.8	13	-	-	10	-	4	9	7	3	0	0	0	0	0	0	0	7	4	9	-	0	2.36	-	-
Hartlepool	9 9	9	13.9	8.0	10.9	-	19.1	8	2.0	13	-	-	16	27	8	20	7	3	0	0	0	0	0	0	0	1	0	-	0	2.48	-	-	
Yorkshire N Riding																																	
Leeming	21-9	32	13.9	6.3	10.1	-	17.0	10	0.0	13	-	-	14	24	7	9	7	4	0	0	0	0	0	0	0	6	0	4	0	0	2.25	-	-
Marton	9 9	46	14.2	6.7	10.5	-	18.9	8	0.7	13	10.5	11.4	14	-	4	20	11	3	0	0	0	0	1	0	3	0	5	-	0	2.87	-	-	
York (Heslington)	9 9	20	14.0	6.4	10.2	-	17.6	5	0.6	5	10.2	11.3	11	-	5	9	7	4	0	0	0	0	0	0	0	7	0	4	-	0	2.64	-	-
Pickering	9 9	44	13.6	5.4	9.5	-	16.9	7	-1.2	13	-	-	22	-	9	20	8	4	0	0	0	0	0	0	0	3	2	9	-	0	-	-	
Scarborough	9 9	53	13.3	7.5	10.4	-	17.2	7	3.0	5,21	10.4	11.6	17	-	6	20	11	4	0	0	0	0	0	0	1	0	3	0	3	3.43	108	-	
Silpho Moor	9 9	203	12.5	6.3	9.4	-	16.0	8	1.1	21	9.2	-	29	37	9	20	14	5	0	0	0	0	0	0	0	3	0	8	-	0	3.48	-	-
Whitby Coastguard	21-9	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yorkshire E Riding																																	
High Mowthorpe	9 9	175	12.5	6.5	9.5	-	16.1	7	0.6	21	9.6	-	23	31	8	9	10	6	0	0	0	0	0	0	0	3	0	6	-	0	3.33	-	-
Hull	9 9	2	14.1	7.1	10.6	-0.1	18.5	7	1.3	4	10.9	12.1	11	19	6	9	8	3	0	0	0	0	0	0	0	5	0	3	-	0	2.70	89	-
Filey	9 9	37	13.2	6.7	9.9	-	16.7	7	0.2	5	-	-	18	30	8	20	8	4	0	0	0	0	0	0	0	4	0	2	-	0	3.30	-	-
Bridlington	9 9	48	12.9	6.9	9.9	+0.1	15.5	9	1.7	5	-	-	22	34	7	20	13	5	0	0	0	1	0	0	0	1	-	1	3.01	88	-	-	
Kilnsea	21-9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lincoln																																	
Waddington	21-9	68	13.8	6.8	10.3	+0.3	18.0	7	-0.1	4	-	-	17	-	7	9	8	3	0	0	0	0	0	0	0	1	2	1	0	2.76	83	-	
Lincoln	9 9	7	14.2	6.6	10.4	+0.5	18.2	7	-1.2	4	11.6	12.1	15	28	6	9	7	3	0	0	0	0	0	0	0	2	1	10	-	0	2.47	-	-
Cranwell	9 9	62	13.9	6.2	10.1	+0.1	18.2	7	0.1	4	10.7	11.9	14	26	5	9	7	4	0	0	0	0	0	0	0	0	6	0	0	2.86	86	-	-
Brigg	9 9	3	14.1	6.2	10.1	-	18.3	7	-1.0	4	-	-	19	-	8	9	10	4	0	0	0	0	0	0	0	2	1	10	-	0	-	-	
Binbrook	21-9	108	13.0	7.2	10.1	-	17.6	7	1.7	5	-	-	11	-	3	30	10	4	0	0	1	0	0	0	0	2	0	7	1	0	2.88	-	-
Cleethorpes	9 9	7	13.9	8.5	11.2	+0.6	19.0	8	3.6	5	-	-	16	0	5	30,31	8	5	0	0	0	0	0	0	0	0	0	0	0	0	3.06	89	-
Manby	21-9	17	13.9	7.1	10.5	-	19.1	7	1.3	5	11.1	-	8	15	3	20	6	2	0	0	0	0	0	0	0	0	0	7	0	0	3.05	-	-
Skegness	9 9	5	13.6	8.6	11.1	+0.5	20.0	7	3.0	21	-	-	7	13	3	10	7	1	0	0	0	0	0	0	0	0	0	-	0	2.86	83	-	-
3 ENGLAND E																																	
Norfolk																																	
Terrington St Clement	9 9	3	15.0	6.9	10.9	+0.6	21.7	7	1.7	4	10.6	-	5	-	3	30	3	2	0	0	0	0	0	0	0	3	0	4	-	0	3.01	87	-
Marham	21-9	23	15.0	7.3	11.1	-	22.4	7	2.1	29	-	-	5	-	2	20	4	1	0	0	0	0	1	0	1	0	3	0	0	-	0	-	-
Santon Downham	9 9	24	15.0	4.3	9.7	-	22.6	7	-3.2	4	10.7	11.6	6	10	3	20	9	2	0	0	0	0	0	0	0	0	5	19	-	0	2.75	-	-
East Dereham	9 9	53	14.6	6.4	10.5	-	23.0	7	-0.6	4	-	-	8	-	4	20	7	3	0	0	0	0	0	0	0	3	1	11	-	0	-	-	
Morley St Botolph	9 9	48	14.4	6.2	10.3	-	21.9	7	0.9	4	10.2	-	5	-	2	20	6	2	0	0	0	0	0	0	0	2	0	12	-	0	2.90	-	-
Cromer	9 9	54	13.8	8.9	11.3	+0.2	21.8	7	4.0	21,29	-	-	9	13	4	20	4	3	0	0	0	0	0	0	0	0	0	0	0	0	3.00	84	-
Scole	9 9	30	14.6	5.7	10.1	-	21.6	7	-0.8	4,5,19	10.2	11.5	4	-	1	29	5	2	0	0	0	0	0	0	0	2	3	9	-	0	2.90	-	-
Coltishall	21-9	17	14.4	7.7	11.1	-	21.6	7	1.5	4	-	-	11	-	5	20	7	2	0	0	0	0	0	0	0	0	4	0	0	-	0	-	-
Gorleston	21-9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Suffolk																																	
Brooms Barn	9 9	75	14.8	6.7	10.7	-	21.9	7	1.4	5	10.4	11.8	3	-	1	29	6	0	0	0	0	0	0	0	0	1	0	3	-	0	3.17	-	-
Honington	21-9	51	14.7	6.9	10.8	-	21.6	7	1.5	4,19	-	-	4	-	2	20	4	1	0	0	0	0	0	0	0	1	0	4	1	0	-	-	-
East Bergholt	9 9	4	15.0	5.8	10.4	-	21.8	7	-1.5	5	-	-	4	7	1	30	5	2	0	0	0	0	0	0	0	1	3						



Table 3 Summary of daily observations

October 1972

District, county and place	max terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average amount (mm)	most in a day	date	precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max (a)	min (b)		max	date	min	date							0.2 mm or more	1.0 mm or more															
3 ENGLAND E — continued																																
Essex																																
Little Parndon	9 9	54	14.8	7.1	10.9	-	21.5	7	1.0	21	-	-	4	-	2	10	4	2	0	0	0	0	0	0	0	0	0	0	0	3.62	-	-
Harlow	9 9	79	15.0	7.5	11.3	-	22.3	7	0.8	21	-	12.4	6	-	3	10	6	2	0	0	0	0	0	0	1	0	0	0	0	-	-	
Stansted	21-9	101	14.6	7.4	11.0	+0.7	21.3	7	1.4	21	-	-	3	5	1	10	5	0	0	0	0	0	0	0	0	6	0	0	0	-	-	
Writtle	9 9	32	15.1	6.2	10.7	-	22.1	7	-1.5	5	11.1	-	2	4	1	30	6	0	0	0	0	0	0	2	3	12	-	0	3.10	-	-	
Southend	9 9	2	14.5	9.1	11.8	-	20.3	7	3.0	21	-	-	2	-	1	10	6	0	0	0	0	0	0	1	0	1	-	0	3.61	-	-	
Maldon	9 9	4	14.8	8.1	11.5	-	21.4	7	2.6	21	-	-	3	-	-	-	-	0	0	0	0	0	0	2	0	-	-	0	-	-		
Earls Colne	9 9	49	14.8	7.3	11.1	-	21.7	7	1.6	4	11.0	12.1	3	5	1	29	7	0	0	0	0	0	0	2	0	6	-	0	3.48	97	-	
Shoeburyness	21-9	2	14.4	9.1	11.7	+0.4	20.1	7	2.6	21	-	-	3	6	1	26	6	1	0	0	0	0	0	2	0	7	1	0	3.48	97	-	
Clacton-on-Sea	9 9	16	13.9	9.7	11.8	+0.7	17.1	7	2.9	21	12.6	13.1	4	7	2	30	5	1	0	0	0	0	0	2	0	1	-	0	3.09	84	-	
Walton-on-Naze	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dovercourt	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 MIDLAND COUNTIES																																
Yorkshire W Riding																																
Slaidburn	9 9	192	12.5	5.9	9.2	-	17.1	4	-1.4	21	-	-	57	32	23	9	11	8	0	0	0	0	0	0	1	7	-	0	2.74	-	-	
Malham Tarn	9 9	395	-	4.9	-	-	-	-	-1.4	21	9.7	-	50	29	16	10	10	8	0	0	0	0	0	2	2	5	-	0	-	-	-	
Huddersfield	9 9	99	13.9	6.7	10.3	-	19.6	8	0.4	45	10.5	11.6	10	12	6	9	5	3	0	0	0	0	0	4	0	3	-	0	2.41	97	-	
Huddersfield Oakes	21-9	232	12.9	6.5	9.7	+0.2	21.6	8	0.6	21	9.6	9.4	15	15	6	9	12	4	0	0	0	0	0	5	0	5	1	1	2.53	92	-	
Bradford	9 9	134	13.0	6.8	9.9	+0.4	17.9	8	1.2	21	10.6	11.7	15	17	8	9	7	4	0	0	0	0	0	5	0	4	-	0	2.13	88	S	
Ilkley	9 9	83	13.3	6.1	9.7	-	18.5	8	0.5	13	-	-	16	17	10	9	6	4	0	0	0	0	0	5	0	2	-	0	2.47	-	-	
Sheffield	9 9	131	13.5	7.0	10.3	+0.1	18.2	7	2.2	21	10.5	11.9	15	19	7	9	8	4	0	0	0	0	0	0	4	-	0	1.99	75	-		
Pontefract	9 9	78	13.7	6.4	10.1	+0.2	17.2	8	1.0	21	-	-	12	23	5	9	10	2	0	0	0	0	0	8	0	1	-	0	-	-	-	
Bramham	9 9	54	13.5	5.3	9.4	-	17.6	8	0.2	13	-	-	14	19	8	10	7	2	0	0	0	0	0	7	0	8	-	0	-	-	-	
Cawood	9 9	6	14.2	5.5	9.9	-	18.0	5	0.0	5	10.1	11.3	13	23	8	9	7	2	0	0	0	0	0	6	0	8	-	0	2.39	-	-	
Askham Bryan	9 9	34	13.9	5.8	9.9	-	17.7	5	0.8	5.6	-	-	13	21	8	9	6	2	0	0	0	0	0	10	0	1	-	0	2.43	89	-	
Derby																																
Buxton	9 9	314	11.4	5.3	8.3	-0.1	16.0	7	-2.2	21	9.1	10.0	43	34	13	10	11	8	0	0	0	0	0	7	3	4	-	0	2.03	59	S	
Mackworth	9 9	89	14.0	6.2	10.1	-	20.2	5	0.2	22	-	-	32	-	15	10	10	4	0	0	0	0	0	1	1	0	-	0	-	-	-	
Ashover	9 9	186	12.7	6.4	9.5	-	16.4	7	0.2	4	-	-	26	-	11	9	11	7	0	0	0	0	0	6	0	7	-	0	2.48	-	-	
Derby	9 9	48	14.4	7.0	10.7	-	18.2	5	-0.1	4	-	-	26	40	12	10	9	4	0	0	0	0	0	2	1	3	-	0	2.62	-	-	
Morley	9 9	107	13.4	6.5	9.9	-	16.8	7	-1.0	4	-	-	32	45	14	10	9	6	0	0	0	0	0	10	1	5	-	0	2.84	-	S	
Wingerworth	9 9	126	13.1	5.3	9.2	-	16.9	7	-1.8	4	10.3	-	20	-	9	9	11	6	0	0	0	0	0	7	3	10	9	0	2.09	-	-	
Nottingham																																
Sutton Bonington	9 9	48	14.0	6.4	10.2	+0.4	17.4	5	0.2	4.5	10.7	11.6	34	58	13	10	8	5	0	0	0	0	0	2	0	8	-	0	2.55	88	-	
Watnall	21-9	117	13.4	6.8	10.1	+0.3	17.1	7	1.1	4	-	-	27	43	12	9	11	5	0	0	0	0	0	5	0	6	2	0	2.39	83	-	
Mansfield	9 9	114	-	6.5	-	-	-	-	1.5	4.5	10.7	-	20	30	11	9	10	5	0	0	0	0	0	6	0	0	-	0	-	-	-	
Nottingham	9 9	59	14.1	7.2	10.7	+0.4	17.1	5	1.5	21	10.6	11.8	20	35	7	9	8	5	0	0	0	0	0	2	0	5	-	0	2.66	99	-	
Warsop	9 9	46	13.8	5.5	9.7	-	17.2	2.5	-0.8	4	-	-	12	22	6	9	7	4	0	0	0	0	0	6	2	14	-	0	2.36	-	-	
Finningley	21-9	10	14.5	6.2	10.3	-	18.8	5	0.7	4	-	-	11	21	5	9	7	3	0	0	0	0	0	6	0	9	0	0	2.37	-	-	
Leicester																																
Newtown Linford	9 9	119	13.8	6.1	9.9	-	17.5	2	-1.6	4	-	-	32	50	14	10	10	4	0	0	0	0	0	1	1	9	-	0	2.69	-	-	
Caldecott	9 9	52	14.4	5.1	9.7	-	20.5	7	-1.8	4	-	-	20	37	9	10	5	5	0	0	0	0	0	2	3	8	-	0	2.80	-	-	
Northampton																																
Bugbrooke Mills	9 9	69	14.8	5.4	10.1	-	20.0	7	-2.0	5	10.4	11.3	22	39	13	10	7	3	0	0	0	0	0	4	4	-	-	0	2.97	-	-	
Raunds	9 9	59	14.5	6.2	10.3	+0.4	20.8	7	0.6	6	10.3	11.6	20	38	8	9	7	4	0	0	0	0	0	1	0	6	-	0	2.66	86	S	
Wittering	9 9	73	14.4	6.8	10.6	-	20.6	7	0.4	4	-	-	14	26	7	9	6	3	0	0	0	0	0	1	0	5	1	0	3.02	-	-	
Warwick																																
Birmingham	9 9	137	13.7	7.5	10.6	-	17.1	4	2.1	21	-	-	38	52	17	9	10	7	0	0	0	0	0	2	0	-	-	0	-	-	-	
King Edward School	21-9	163	13.4	7.7	10.5	+0.4	17.4	2	2.2	21	10.6	-	39	53	18	9	8	6	0	0	0	0	0	5	0	4	2	0	2.74	99	-	
Edgbaston	9 9	56	14.5	6.3	10.4	-	19.5	7	-2.4	21	-	-	31	-	14	10	11	6	0	0	0	0	0	6	2	5	-	0	2.56	-	-	
Luddington	9 9	49	14.7	6.2	10.5	-	18.0	7	-3.1	21	11.6	-	32	54	15	10	10	5	0	0	0	0	0	1	2	9	-	0	2.62	-	-	
Stratford-on-Avon	9 9	111	13.9	6.5	10.2	-	18.4	7	0.1	21	10.5	-	30	49	11	10	11	5	0	0	0	0	0	4	0	11	-	0	2.47	-	-	
Shipston-on-Stour	9 9	96	13.8	5.8	9.8	-	17.9	2	-1.8	5.6	-	-	25	-	10	9	8	5	0	0	0	0	0	3	3	10	5	0	2.88	-	-	
Elmdon	21-9	96	13.8	5.8	9.8	-	17.9	2	-1.8	5.6	-	-	25	-	10	9	8	5	0	0	0	0	0	3	3	10	5	0	2.88	-	-	
Wellesbourne	9 9	47	14.7	6.3	10.5	-	18.7	2	-1.6	21	10.4	11.5	20	33	8	9	8	5	0	0	0	0	0	1	2	7	5	0	2.77	-	-	
Moreton Morrell	9 9	85	14.2	6.3	10.3	-	18.4	2	-1.7	21	-	-	20	34	8	9	9	6	0	0	0	0	0	6	1	7	-	0	2.92	-	-	
Rugby	9 9	117	14.0	6.7	10.3	+0.6	17.9	2	0.4	21	10.4	12.0	23	37	10	9	8	3	0	0	0	0	0	2	0	3	2	0	-	-	-	
Oxford																																
Brize Norton	21-9	84	14.6	7.6	11.1	-	20.9	7	1.1	21	-	-	23	-	11	9	6	5	0	0	0	0	0	3	0	5	-	0	-	-	-	
Oxford	9 9	63	14.8	7.4	11.1	+0.6	21.4	7	0.9	21	11.0	12.3	26	40	14	9	6	3	0	0	0	0	0	3	0	8	-	0	2.95	91	-	
Shirburn Model Farm	9 9	108	14.9	6.7	10.8	-	22.6	7	-2.5	21	10.9	-	34	-	18	10	6	5	0	0	0	0	0	3	1	9	-	0	-	-	-	
Buckingham																																
Medmenham	9 9	30	15.1	5.2	10.1	-	21.7	7	-1.2	6	-	-	19	-	8	10	6	5	0	0	0	0	0	0	4	14	-	0	-	-	-	
Grendon Underwood	9 9	67	14.8	5.4	10.1	-	20.9	7	-3.4	4	11.1	12.0	19	-	8	9	7	4	0	0	0	0	0	3	2	11	-	0	3.32			



Table 3 Summary of daily observations

October 1972

District, county and place	max terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount	most in a day	date	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
			max (a)	min (b)			max	date	min	date																					
4 MIDLAND COUNTIES—continued																															
Hereford																															
Sewage Works	9 9	52	14.2	6.1	10.1	-	17.3	5	-1.3	4.6	11.4	13.1	46	25	9	9	7	0	0	0	0	0	0	7	4	10	-	0	2.20	-	-
Lyonsall	9 9	155	13.3	6.5	9.9	+0.3	17.2	8	-0.5	4	-	-	54	62	23	9	10	9	0	0	0	0	0	0	1	11	-	0	-	-	-
Ross-on-Wye	21-9	68	14.0	7.3	10.7	+0.3	18.4	5	-1.4	4	11.1	12.0	45	64	22	9	8	7	0	0	0	0	0	2	2	8	3	0	2.06	68	-
Preston Wynne	9 9	84	14.1	5.8	9.9	-	17.2	2	-3.6	4	-	-	43	67	23	9	9	8	0	0	0	0	0	4	3	6	-	0	2.33	-	-
Gloucester																															
Filton	21-9	59	14.6	7.6	11.1	+0.4	18.6	2	0.5	21	-	-	35	43	14	9	6	5	0	0	0	0	0	3	0	6	2	0	2.29	-	-
Hempsted	9 9	12	14.8	6.9	10.9	-	18.6	2	-2.6	21	11.7	12.9	31	43	14	9	8	6	0	0	0	0	0	1	1	7	-	0	2.35	-	-
Gloucester	21-9	24	14.8	8.0	11.4	-	19.1	2	-1.7	21	-	-	28	13	9	9	5	0	0	0	0	0	0	3	1	7	1	0	2.32	-	-
Cheltenham	9 9	65	14.4	7.6	11.0	+0.6	18.2	2.5	-2.6	21	-	-	24	36	11	9	8	6	0	0	0	0	0	0	1	-	-	0	2.61	-	-
Cirencester	9 9	135	14.0	6.7	10.3	-	17.8	5	-2.0	21	-	-	29	34	17	9	7	6	0	0	0	0	0	4	1	3	-	0	-	-	-
Little Rissington	21-9	226	13.1	7.1	10.1	-	18.5	7	1.2	21	-	-	28	37	11	9	9	6	0	0	0	0	0	5	0	2	0	0	2.81	-	-
5 ENGLAND SE																															
Greater London																															
Kensington Palace	9 9	25	15.4	9.0	12.2	+0.8	22.6	7	2.4	21	12.0	13.1	15	26	11	10	5	2	0	0	0	0	0	0	7	-	0	-	-	-	-
Hampstead	9 9	137	14.4	7.5	10.9	+0.6	21.9	7	0.7	21	-	-	19	29	13	10	4	4	0	0	0	0	0	0	0	3	-	0	3.78	118	S
St James Park	9 9	4	15.4	9.5	12.5	+0.8	22.1	7	3.6	21	-	-	12	22	9	10	5	3	0	0	0	0	0	0	0	-	-	0	-	-	-
London Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.70	131	-	
Greenwich	9 9	7	15.3	8.2	11.7	-	22.5	7	3.3	5	-	-	12	23	10	10	5	1	0	0	0	0	0	0	0	-	-	0	3.50	118	-
Heathrow	21-9	25	15.5	8.6	12.1	+1.2	22.3	7	1.9	21	-	-	17	29	8	10	7	3	0	0	0	0	0	0	0	2	0	0	3.64	-	-
Hampton	9 9	12	15.2	8.2	11.7	-	21.7	7	2.2	21	-	-	14	26	10	10	6	2	0	0	0	0	0	0	4	-	-	0	3.90	-	-
Wealdstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.30	-	-	
Southgate	9 9	67	15.3	8.2	11.7	-	22.0	7	3.2	19	11.7	-	17	27	11	10	5	4	0	0	0	0	0	0	6	-	0	3.77	-	-	-
Kew	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
psychrometer	-	-	15.1	7.0	11.1	-	21.9	7	-0.9	4	11.2	12.1	16	29	12	10	5	2	0	0	0	0	0	1	13	4	0	3.81	121	-	-
screen	-	-	15.0	8.8	11.9	+0.8	21.5	7	2.0	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Waddon	9 9	59	14.9	6.8	10.9	0.0	21.5	7	1.0	5.6	-	-	15	22	12	10	3	2	0	0	0	0	0	0	0	-	-	0	-	-	-
Addington	9 9	144	14.3	7.4	10.9	+0.5	21.2	7	0.4	21	-	-	15	21	9	10	7	3	0	0	0	0	0	0	0	-	-	0	-	-	-
Bromley	9 9	65	14.1	8.2	11.1	+0.2	20.0	7	2.0	4	-	-	13	20	10	10	5	2	0	0	0	0	0	1	0	-	-	0	-	-	-
Surrey																															
Gatwick	21-9	59	15.0	5.9	10.5	+0.2	21.1	7	-1.6	4	-	-	21	26	11	10	7	4	0	0	0	0	0	1	2	12	3	0	3.79	-	-
Wisley	9 9	35	15.1	6.0	10.5	+0.2	21.8	7	-1.0	19	10.9	12.2	19	30	8	10	6	5	0	0	0	0	0	4	2	11	-	0	3.53	-	-
Mickleham	9 9	55	14.8	4.6	9.7	-	20.8	7	-3.5	21	10.8	12.1	23	32	11	10	7	4	0	0	0	0	0	2	6	11	-	0	-	-	-
Kent																															
Hadlow College	9 9	30	15.0	5.6	10.3	-	21.4	7	-1.7	5	11.2	12.2	10	6	10	5	3	0	0	0	0	0	1	3	11	-	0	3.61	-	-	-
Gillingham	9 9	4	15.1	8.0	11.5	-	22.8	7	0.9	5	-	-	3	6	1	10	5	1	0	0	0	0	0	0	0	-	-	0	-	-	-
Peckham	21-9	29	14.9	5.9	10.4	-	21.7	7	-1.2	4	-	-	12	6	10	7	3	0	0	0	0	0	1	3	13	7	0	4.08	-	-	-
Dungeness	9 9	3	14.5	9.5	12.0	+0.2	19.0	7	1.4	21	-	-	16	20	9	30	5	4	0	0	0	0	0	1	0	-	-	0	-	-	-
Whitstable	9 9	3	14.7	8.0	11.3	-	21.7	7	0.9	4.5	-	-	7	11	5	30	4	2	0	0	0	0	0	1	0	-	-	0	3.90	-	-
Folkestone	9 9	31	14.2	7.9	11.1	-	19.1	8	1.4	22.29	-	-	13	9	30	4	3	0	0	0	0	0	0	0	4	-	-	0	4.17	-	-
Elmstone	9 9	5	14.5	5.4	9.9	-	21.2	7	-1.9	19	-	-	10	6	30	4	3	0	0	0	0	0	2	6	6	-	-	0	-	-	-
Herne Bay	9 9	31	14.6	7.8	11.2	-	21.2	7	3.5	19	12.1	-	7	5	30	4	2	0	0	0	0	0	5	0	0	-	-	0	3.97	-	-
Dover	9 9	6	14.4	9.6	12.0	+0.2	18.1	7	3.2	21	12.9	13.8	15	18	7	29	5	3	0	0	0	0	0	0	0	-	-	0	3.93	-	-
Manston	21-9	44	14.2	9.0	11.6	-	21.7	7	3.8	22	-	-	8	12	4	30	6	2	0	0	0	0	2	0	2	0	0	-	-	-	-
Margate	9 9	16	14.1	10.2	12.1	+0.1	21.8	7	5.6	21	12.0	13.0	9	4	30	5	3	0	0	0	0	0	1	0	0	-	-	0	3.52	94	-
Goudhurst	9 9	85	14.4	6.2	10.3	-	21.4	7	-0.5	4	-	-	20	22	7	10	6	5	0	0	0	0	0	0	3	13	-	-	0	-	-
East Malling	9 9	37	14.9	6.6	10.7	+0.5	21.7	7	0.0	5	10.7	11.7	9	13	5	10	7	2	0	0	0	0	0	1	0	6	-	0	3.72	108	-
Throwley	9 9	150	13.7	6.7	10.2	-	19.8	7.8	0.0	19	10.4	11.6	16	18	6	30	8	4	0	0	0	0	0	3	0	8	-	0	3.59	-	-
Faversham	9 9	48	14.4	6.5	10.5	-	20.7	7	-1.0	19	11.0	12.2	12	3	30	8	5	0	0	0	0	0	1	2	6	-	0	3.81	-	-	
Wye	9 9	56	14.2	6.6	10.4	-0.2	19.5	7	0.3	19.22	11.5	12.3	12	14	5	30	7	4	0	0	0	0	0	4	0	11	-	0	3.81	105	-
Sussex																															
Thorney Island	21-9	3	15.3	8.2	11.7	-	18.3	5.6	1.1	21	-	-	17	23	7	9	7	6	0	0	0	0	0	0	5	1	0	0	3.96	-	-
Rogate	9 9	64	15.6	6.4	11.0	-	21.0	8	-0.5	4.5	11.9	-	31	10	9.29	5	5	0	0	0	0	0	2	2	12	-	-	0	-	-	-
Bognor Regis	9 9	7	14.7	9.2	11.9	+0.4	17.2	7	2.4	21	-	-	13.3	19	24	7	10	6	4	0	0	0	0	0	1	-	0	4.20	107	-	-
Fernhurst	9 9	57	15.1	5.7	10.4	-	21.2	7	-1.0	21	11.2	-	31	35	11	9	7	5	0	0	0	0	0	3	9	-	-	0	3.74	-	-
Littlehampton	9 9	5	15.0	8.7	11.9	+0.4	17.9	7.8	3.2	19	-	-	13.1	18	24	7	10	6	4	0	0	0	0	0	0	-	-	0	4.28	110	-
North Heath	9 9	21	15.4	5.2	10.3	-	20.2	7	-5.0	19	11.3	12.4	35	-	17	10	6	4	0	0	0	0	0	1	4	15	-	0	3.78	-	-
Worthing	9 9	2	15.0	8.7	11.9	-	17.7	7	2.5	21	12.2	-	20	-	13	10	6	5	0	0	0	0	0	0	1	-	-	0	4.24	106	-
Brighton	9 9	10	14.3	9.5	11.9	-	19.0	2	1.9	21	-	-	13.4	28	39	20	10	5	0	0	0	0	0	0	1	-	-	0	4.40	112	-
Plumpton	9 9	76	14.6	7.5	11.1	-	19.0	7	0.6	21	-	-	34	-	13	10	7	6	0	0	0	0	0	0	6	-	-	0	3.94	-	-
Wakehurst Place	9 9	133	14.2	7.5	10.9	-	19.																								



Table 3 Summary of daily observations

October 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-30 average	most in a day		precip-itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min or concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min	date					amount (mm)	date																
5 ENGLAND SE—continued																																
Hampshire—continued																																
Alice Holt Lodge	9 9	115	14.5	6.2	10.3	-	21.4	7	0.4	21	-	-	27	33	8	9	7	5	0	0	0	0	0	0	4	0	13	-	0	3.51	-	-
South Farnborough	9 9	69	15.0	6.4	10.7	+0.2	21.9	7	-1.6	19	-	-	23	34	8	10	6	5	0	0	0	0	0	0	1	2	14	4	0	3.46	106	-
Isle of Wight																																
St Catherine's Point	9 9	16	14.6	10.1	12.3	+0.2	18.0	7	3.0	21,22	-	-	25	29	15	9	8	5	0	0	0	0	0	0	0	0	-	-	0	-	-	
Ventnor	9 9	122	14.6	10.3	12.5	+0.2	19.0	8	1.5	21	12.5	13.4	24	25	12	9	9	5	0	0	0	0	0	0	0	1	-	0	3.97	97	-	
(see Introduction)																																
Shanklin	9 9	55	14.5	9.6	12.1	-	20.5	7	0.8	21	-	-	28	27	13	9	8	6	0	0	0	0	0	0	1	0	-	0	3.78	-	-	
Sandown	9 9	4	14.8	10.3	12.5	+0.3	18.5	7	2.0	21	-	-	23	26	11	9	5	5	0	0	0	0	0	0	0	0	-	-	3.67	-	-	
Ryde	9 9	4	14.4	9.3	11.9	-0.1	19.2	7	3.1	21	-	-	26	30	12	9	9	5	0	0	0	0	0	0	0	0	-	0	3.49	91	-	
Wiltshire																																
Lacock	9 9	49	14.6	5.2	9.9	-	19.5	7	-3.8	21	-	-	40	56	29	9	5	4	0	0	0	0	0	0	3	2	11	-	0	-	-	
Lyneham	21-9	145	14.0	7.2	10.6	+0.4	19.6	7	-0.5	21	-	-	30	41	20	9	6	4	0	0	0	0	0	0	7	1	2	1	0	2.84	-	-
Larkhill	9 9	132	14.5	6.8	10.7	+0.7	20.9	7	-0.4	21	-	-	44	57	22	9	7	5	0	0	0	0	0	0	2	1	7	1	0	-	-	
Boscombe Down	21-9	126	14.5	7.4	10.9	+0.7	20.9	7	-1.3	21	-	-	37	50	19	9	7	6	0	0	0	0	0	0	3	1	5	2	0	3.22	96	-
Upavon	21-9	176	14.1	7.4	10.7	-	20.2	7	-2.3	21	-	-	41	52	22	9	7	6	0	0	0	0	0	0	3	1	2	1	0	-	-	
Porton	9 9	111	14.6	6.4	10.5	+0.5	21.0	7	-1.9	21	11.0	-	39	51	18	9	6	6	-	0	-	-	-	-	4	1	10	3	-	3.33	96	-
7a ENGLAND NW																																
Cumberland																																
Sellafield	9 9	13	(14.8)	(7.3)	(11.1)	-	21.4	6	1.0	21	-	-	44	36	13	8	1	7	0	0	0	0	0	0	2	0	8	-	0	(4.23)	-	-
Bromfield	9 9	20	14.5	4.3	9.4	-	19.0	5	-3.0	21	-	-	29	-	13	9	8	6	0	0	0	0	0	0	0	6	10	8	0	-	-	
Carlisle	21-9	26	14.5	6.6	10.5	-	19.4	5	-1.3	21	-	-	19	-	8	9	6	5	0	0	0	0	0	0	0	2	9	3	0	4.06	-	-
Newton Rigg	9 9	171	13.5	5.4	9.5	+0.7	18.1	4	-1.3	13	9.9	-	23	23	8	9	8	5	0	0	0	0	0	0	1	3	9	-	0	3.67	135	-
Westmorland																																
Great Dun Fell	21-9	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Moor House	9 9	556	9.9	2.7	6.3	-	16.8	4	-3.6	20	7.6	-	42	20	12	9	13	8	0	0	0	0	0	0	6	7	15	-	3	3.10	-	-
Lancashire																																
Squires Gate	21-9	10	14.8	6.8	10.8	+0.3	19.3	8	0.6	21	-	-	34	36	14	9	7	7	0	0	0	0	0	0	0	0	8	2	0	3.79	123	-
Aigburth	9 9	14	14.5	7.7	11.1	-	18.5	8	2.5	21	-	-	30	-	13	9	9	5	0	0	0	0	0	0	4	0	1	2	0	3.18	-	-
Southport	9 9	5	14.5	6.1	10.3	-	19.1	8	-1.0	21	10.1	12.0	37	41	14	9	8	6	0	0	0	0	0	0	3	1	5	-	0	3.47	-	-
Cartmel	9 9	34	14.3	6.4	10.3	-	17.8	4.6	-3.8	21	-	-	41	-	15	9	8	6	0	0	0	0	0	0	1	1	-	-	0	-	-	
Grizedale	9 9	91	14.4	4.3	9.3	-	19.0	6	-1.7	20	9.9	-	86	-	22	9	11	8	0	0	0	0	0	0	0	5	16	-	3	-	-	
Speke	21-9	22	14.4	7.2	10.8	-	19.2	8	0.3	21	-	-	32	41	12	9	10	7	0	0	0	0	0	0	2	0	2	1	0	3.29	-	-
Kirkham	9 9	24	14.2	6.2	10.2	-	18.3	8	-3.5	21	-	-	44	41	17	9	9	8	0	0	0	0	0	0	0	1	0	-	0	3.79	-	-
Bairrigg	9 9	53	14.1	7.1	10.6	-	17.9	4	-2.7	21	-	-	36	-	11	9	9	8	0	0	0	0	0	0	0	1	8	-	0	3.92	-	-
Morecambe	9 9	7	14.5	8.1	11.3	+0.8	19.2	6	3.1	21	-	-	40	37	13	9	8	6	0	0	0	0	0	0	0	0	-	-	0	4.06	135	-
Preston	9 9	33	14.2	7.2	10.7	-	18.0	8	-2.4	21	-	-	52	48	15	9	8	8	0	0	0	0	0	0	0	1	9	-	0	-	-	
Bolton	9 9	107	13.7	6.4	10.1	-	17.8	4	0.0	21	10.3	11.2	45	-	23	9	9	7	0	0	0	0	0	0	1	1	3	-	0	2.84	-	-
Stonyhurst	9 9	115	13.7	5.8	9.7	0.0	19.4	4	-1.0	21	-	-	50	37	18	9	10	7	0	0	0	0	0	0	0	1	-	-	0	2.92	105	-
Manchester Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore	9 9	260	12.2	6.2	9.2	-	16.8	4	0.4	21	10.1	-	61	37	28	9	12	9	0	0	0	0	0	0	1	0	12	-	0	3.03	-	-
Nelson	9 9	165	12.7	6.2	9.5	-	17.6	4	-0.2	21	9.9	11.1	39	31	16	9	10	7	0	0	0	0	0	0	0	1	7	-	0	2.96	-	S
Rochdale	9 9	110	13.6	6.5	10.1	-	17.7	3	0.5	21	-	-	43	36	22	9	8	8	0	0	0	0	0	0	0	0	-	-	0	-	-	-
Cheshire																																
West Kirby Park	9 9	8	14.4	7.5	10.9	-	19.6	8	4.1	18,20	-	-	27	33	15	9	8	5	0	0	0	0	0	0	0	0	-	0	2.95	-	-	
Ness Gardens	9 9	55	14.4	7.2	10.8	-	19.8	8	2.5	4	10.7	-	21	-	11	9	8	5	0	0	0	0	0	0	3	0	16	-	1	2.72	-	-
Winnington	9 9	20	14.8	7.5	11.1	-	18.2	8	1.4	4	-	-	30	38	19	9	9	6	0	0	0	0	0	0	1	0	3	-	0	-	-	
Knutsford	9 9	65	(14.3)	(5.8)	(10.1)	-	18.8	7	-2.2	22	10.7	(11.9)	45	53	27	9	8	7	0	0	0	0	0	0	0	2	9	-	0	-	-	
Ringway	21-9	75	14.1	7.8	10.9	+1.0	18.6	4	0.2	21	-	-	39	48	21	9	10	7	0	0	0	0	0	0	0	0	2	1	0	3.43	124	-
Macclesfield	9 9	152	13.5	7.1	10.3	+0.8	17.2	7	-1.5	21	-	-	39	43	19	9	8	6	0	0	0	0	0	0	0	1	-	-	0	-	-	
7b NORTH WALES																																
Flint																																
Rhyl	9 9	9	14.5	8.3	11.4	+0.5	20.0	8	3.8	6	-	-	11	14	5	9	8	2	0	0	0	0	0	0	0	0	0	-	0	2.76	88	-
Prestatyn	9 9	1	14.6	8.2	11.4	-	20.2	8	3.8	4	-	-	14	18	6	9	8	4	0	0	0	0	0	0	0	0	-	-	0	3.13	108	-
Hawarden Bridge	9 9	5	(14.6)	(6.0)	(10.3)	(-0.2)	20.0	8	0.5	5	-	-	23	32	11	9	6	5	0	0	0	0	0	0	3	0	-	-	0	-	-	
Anglesey																																
Valley	21-9	10	15.3	8.8	12.1	+0.7	21.0	6	2.8	21	-	-	39	40	13	27	9	7	0	0	0	0	0	0	0	0	1	0	1	3.73	113	-
Denbigh																																
Colwyn Bay	9 9	24	14.4	8.3	11.3	-	19.1	3	4.4	6	11.4	-	16	-	3	29	7	6	0	0	0	0	0	0	0	0	-	0	3.14	103	-	
Alwen	9 9	335	12.0	4.3	8.1	-	17.5	7.8	-2.0	4.6	-	-	41	-	10	28	10	8	0	0	0	0	0	0	0	3	16	-	0	-	-	
Ruthin	9 9	76	14.0	6.6	10.3	-	19.1	7	-0.8	21	-	-	19	-	7	9	9	4	0	0	0	0	0	0	1	1	-	-	0	2.95	-	-
Loggerheads	9 9	210	12.8	5.2	9.0	-	18.9	8	-0.6	21	10.0	10.8	22	-	10	9	12	5	0	0	0	0	0	0	6	1	8	-	0	2.91	-	S
Bwlchgwyn	9 9	386	11.4	5.3	8.3	-	16.5	8	0.0	20	8.9	-	41	35	13	9	10	6	0	0	0	0	0	0	8	0	2	-	0	-	-	
Wrexham	9 9	88	13.8	-	-	-	18.7	8	-0.2	4	-	11.9	30	37	13	9	8	5	0	0	0	0	0	0	2	1	4	-	0	-	-	
Caernarvon																																
Bardsey Island	21-9	18	14.2	10.8	12.5	-	17.4	6	7.3	15	-	-	74	-	22	27	10	10	0	0	0	0	0	0	0	0	0	0	1	-	-	
Botwnnog	9 9	34	15.1	7.8	11.5	-	19.9	6,7	-2.4	20	12.1	12.9	59	-	18	28	10															



Table 3 Summary of daily observations

October 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
			means of			difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
			max (a)	min (b)	daily mean (mean of a & b)		max	date	min	date					amount (mm)	date																	
8a SOUTH WALES—continued																																	
Cardigan—continued	9 9	290	12.5	7.4	9.9	-	17.4	7	0.3	21	-	-	59	37	20	27	10	8	0	0	0	0	0	0	0	4	-	0	3.12	111	-		
	9 9	301	12.5	6.2	9.3	-	18.3	7	-3.3	21	-	-	51	-	18	27	11	10	0	0	0	0	0	2	4	-	0	2.54	-	S			
Pembroke	9 9	33	14.3	9.6	11.9	-	17.4	6	6.1	20	11.7	-	79	-	26	30	8	8	0	0	0	0	0	0	0	0	0	2	3.88	-	-		
	Milford Haven	21-9	37	14.0	9.3	11.7	-	17.5	3	4.5	19,20	-	-	91	-	28	31	11	8	0	0	0	0	0	0	0	0	0	1	-	-		
	Orielton	9 9	61	-	-	-	-	-	-	-	-	-	-	76	-	25	30	8	8	0	0	0	0	0	0	0	0	0	0	-	-		
	Haverfordwest	9 9	8	14.5	5.6	10.1	-	18.0	6	-0.7	4	-	-	103	-	22	30	9	9	0	0	0	0	0	3	-	0	3.21	-	-			
Carmarthen	9 9	15	14.7	6.2	10.5	-	21.0	6	-3.0	21	11.9	12.7	68	46	15	8	10	8	0	0	0	0	0	0	3	8	-	1	3.27	-	-		
	9 9	332	12.1	6.6	9.3	-	16.5	6	0.3	21	-	-	79	-	21	27	8	8	0	0	0	0	0	1	0	3	-	1	-	-	-		
	21-9	183	14.1	7.6	10.9	-	19.7	6	-0.4	21	-	-	83	-	18	9	9	8	0	0	0	0	0	1	2	-	0	-	-	-	-		
Radnor	21-9	282	12.4	5.3	8.9	-	17.5	7	-5.3	4	-	-	42	-	12	9	12	9	0	0	0	0	0	2	5	10	-	0	-	-	-		
	9 9	235	13.2	5.5	9.3	0.0	18.8	7	-0.3	21	10.7	-	46	43	21	9	10	8	0	0	0	0	0	0	1	-	0	2.65	98	S			
Brecknock	9 9	242	13.0	6.3	9.7	-	20.0	11	-2.7	21	-	-	81	-	32	9	11	7	0	0	0	0	0	4	1	-	0	2.79	-	S			
Glamorgan	21-9	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9 9	82	14.0	8.4	11.2	-	16.5	3	1.4	21	11.6	12.6	55	-	14	27	9	9	0	0	0	0	0	1	0	2	2	0	2.65	-	-		
	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9 9	7	15.3	9.1	12.2	-	20.1	8	0.0	21	-	-	53	46	21	9	8	7	0	0	0	0	0	0	2	-	0	3.26	-	-			
	9 9	62	14.7	8.9	11.8	-	19.0	3.6	0.0	21	-	-	68	49	21	9	9	7	0	0	0	0	0	0	3	-	0	-	-	-			
	9 9	6	14.4	8.9	11.7	-	18.0	3.8	1.0	20	-	-	54	52	26	9	8	7	0	0	0	0	0	0	0	0	-	0	4.07	-	S		
	21-9	67	14.2	8.2	11.2	-	18.5	8	0.2	20	-	-	61	57	26	9	10	8	0	0	0	0	0	4	0	4	2	0	2.96	91	-		
	9 9	62	14.1	8.1	11.1	+0.2	18.7	8	2.3	20,21	11.7	12.7	64	56	33	9	7	6	0	0	0	0	0	3	0	3	-	0	2.60	-	S		
Monmouth	9 9	313	12.1	6.3	9.2	-	16.6	6	-2.0	21	-	-	78	43	31	9	13	8	0	0	0	0	0	0	9	1	6	-	0	2.60	-	S	
	9 9	23	14.4	7.4	10.9	+0.2	18.0	8	0.1	21	-	-	69	65	36	9	8	8	0	0	0	0	0	2	0	2	-	0	2.65	-	-		
	9 9	21	(14.7)	(5.7)	(10.2)	-	18.0	5,7,8	-3.0	21	(11.4)	-	68	65	32	9	7	6	0	0	0	0	0	0	9	3	6	-	0	1.99	-	-	
	9 9	245	12.5	6.9	9.7	-	17.0	6	-0.8	21	10.5	11.4	72	67	35	9	8	6	0	0	0	0	0	0	7	1	5	-	0	2.46	-	-	
8b ENGLAND SW																																	
Somerset	9 9	314	12.1	7.1	9.6	-	17.2	8	-0.9	21	-	-	77	49	24	9	11	10	0	0	0	0	0	0	4	1	7	-	0	2.55	-	-	
	9 9	96	14.3	5.0	9.7	-	19.6	27	-2.2	4	11.1	-	95	-	30	9	10	9	0	0	0	0	0	4	4	12	-	0	-	-	-		
	9 9	23	14.5	7.1	10.8	-	18.8	6	0.0	21	11.6	-	40	49	21	9	10	5	0	0	0	0	0	0	0	6	-	0	2.64	79	-		
	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9 9	11	15.1	6.5	11.3	-	18.9	6	-1.0	20	12.2	-	45	-	21	9	4	3	0	0	0	0	0	0	1	-	0	-	-	-	-		
	21-9	18	15.1	7.2	11.1	-	19.0	6	-4.5	21	-	-	37	-	14	9	8	5	0	0	0	0	0	3	3	5	3	0	-	-	-		
	9 9	40	14.7	7.6	11.1	-	18.2	5.6	-0.2	20	11.9	12.7	41	-	18	9	6	6	0	0	0	0	0	3	1	3	-	0	-	-	-		
	9 9	49	14.7	6.9	10.8	+0.2	18.5	6	-1.2	20	10.7	-	40	40	17	9	7	5	0	0	0	0	0	2	1	5	-	0	2.53	80	-		
	9 9	27	14.9	5.9	10.4	-	18.7	6	-5.0	21	-	-	36	-	17	9	8	5	0	0	0	0	0	1	2	11	-	0	-	-	-		
	9 9	183	13.5	6.9	10.2	-	17.5	6	-0.7	21	-	-	50	-	25	9	7	6	0	0	0	0	0	5	1	-	-	0	-	-	-		
	9 9	114	14.2	7.4	10.8	-	18.0	3.6	-2.0	21	-	-	51	-	27	9	10	5	0	0	0	0	0	3	1	2	-	0	-	-	-		
	9 9	118	14.1	7.8	10.9	-	18.0	2.6	0.0	21	11.9	-	39	47	20	9	5	5	0	0	0	0	0	0	5	0	-	0	-	-	-	-	
	Dorset	21-9	53	-	-	-	-	-	1	-0.1	21	-	-	41	-	30	9	7	4	0	0	0	0	0	0	1	-	-	-	0	3.07	-	-
		9 9	23	14.9	7.0	10.9	-0.2	19.0	1	-1.0	4,21	-	-	46	-	29	9	7	6	0	0	0	0	0	3	2	9	-	0	-	-	-	
9 9		207	13.6	6.9	10.3	+0.2	17.3	6	0.9	21	-	-	57	67	30	9	8	5	0	0	0	0	0	4	0	-	-	0	-	-	-		
9 9		11	14.3	8.9	11.6	-	17.0	8	2.5	21	-	13.8	27	33	15	9	8	4	0	0	0	0	0	2	0	0	-	0	2.65	72	-		
9 9		8	15.1	7.8	11.5	-	18.3	3	-0.5	21	12.3	13.2	31	34	17	9	8	5	0	0	0	0	0	2	1	3	-	0	3.13	84	-		
Devon		9 9	168	14.3	6.9	10.6	-	22.1	6	-1.4	20,21	-	-	72	-	19	9	13	10	0	0	0	0	0	0	1	2	3	-	0	-	-	-
		21-9	91	-	-	-	+0.2	17.6	3	0.7	21	-	-	69	71	23	9	10	8	0	0	0	0	0	1	0	2	1	1	0	2.91	79	-
	21-9	27	14.4	9.8	12.1	0.0	17.5	3	0.7	21	12.3	13.0	62	64	22	9	10	8	0	0	0	0	0	1	0	2	-	0	3.02	81	-		
	9 9	36	14.4	9.4	11.9	+0.4	18.4	6	-2.5	21	-	12.2	88	64	21	29	13	8	0	0	0	0	0	2	1	5	-	0	-	-	-		
	9 9	139	14.2	8.3	11.3	-0.2	19.4	3	-0.7	20	-	-	46	45	13	9	9	7	0	0	0	0	0	0	2	4	2	0	2.75	-	-		
	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9 9	84	14.3	8.5	11.4	-	17.6	6	0.4	21	11.8	12.2	74	-	27	9	9	9	0	0	0	0	0	2	0	2	-	0	2.19	-	-		
	21-9	163	13.7	7.6	10.7	-	18.1	7	-2.4	21	11.3	-	49	-	16	9	11	5	0	0	0	0	0	2	2	3	-	0	2.69	-	-		
	9 9	32	14.8	10.2	12.5	-	17.8	6,7,8	1.9	20	-	-	79	74	37	9	7	7	0	0	0	0	0	1	0	1	-	0	-	-	-		
	9 9	83	14.2	8.4	11.3	+0.1	18.5	7	-0.4	21	-	-	67	68	25	9	11	8	0	0	0	0	0	4	1	2	-	0	2.39	68	-		
	9 9	8	14.9	9.6	12.3	+0.4	18.1	3	1.8	21	-	13.8	64	76	28	9	10	8	0	0	0	0	0	0	0	1	-	0	2.34	-	-		
	9 9	6	14.5	9.1	11.8	-0.2	16.9	3	1.7	21	-	-	53	63	21	9	9	6	0	0	0	0	0	1	0	1	-	0	2.58	70	-		
	9 9	9	14.5	8.0	11.3	-	18.3	3	-1.4	21	11.2	-	59	69	29	9	10	6	0	0	0	0	0	1	1	2	-	0	2.81	-	-		
	9 9	59	14.6	9.0	11.8	+0.7	17.5	3	1.6																								



Table 3 Summary of daily observations

October 1972

District, county and place	max min	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				means of				highest max and lowest min				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount (mm)	most in a day	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1916-60 average	exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
				max (a)	min (b)	daily mean (mean of a & b)	difference from 1916-60 average	max	date	min	date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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October 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean: temperature and humidity					cloud amount					visibility								wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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October 1972

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								mean	0	1-2	3-5	6-7	8	sky obscured	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	8 or more	6-7	4-5	1-3	calm	N	NE	E	SE	S	SW	W	NW
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Aberporth, Cardiganshire																																					
134																																					
3																																					
1018.1																																					
9																																					
1018.6																																					
15																																					
1018.0																																					
21																																					
1018.6																																					
Milford Haven Conservancy Board, Pembrokeshire																																					
39																																					
3																																					
1018.2																																					
9																																					
1018.7																																					
15																																					
1018.3																																					
21																																					
1018.6																																					
Brynamman, Carmarthenshire																																					
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9																																					
1018.5																																					
15																																					
1018.5																																					
21																																					
1018.5																																					
Mumbles, Glamorgan																																					
37																																					
3																																					
1018.5																																					
9																																					
1018.5																																					
15																																					
1018.5																																					
21																																					
1018.5																																					



Table 4 Summary of observations at fixed hours

October 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility						wind speed and direction																		
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	visibility						beaufort force																		
								mean	0	1-2	3-5	6-7		8	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	34 or more	speed (kt)					N	NE	E	SE	S	SW	W	NW
																										6-7	4-5	1-3	calm									
																														6-7								
number of observations																																						
8a SOUTH WALES—continued																																						
Rhoose, Glamorgan	69	3	1018.5	-	9.5	0.9	10.5	87	4.8	5	7	3	5	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	9	15	1019.2	+3.3	10.5	1.2	10.9	85	6.2	0	3	5	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	21	1018.5	-	13.3	2.5	11.0	71	5.8	2	2	5	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	21	21	1019.1	-	10.7	1.4	10.8	82	4.6	3	9	3	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8b ENGLAND SW																																						
Yeovilton, Somerset	23	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Portland Bill Coastguard, Dorset	54	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hartland Point, Devon	93	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mount Batten, Devon	30	3	1017.6	-	10.9	1.0	11.5	86	4.3	9	3	4	5	10	0	0	0	0	0	0	2	13	15	1	0	0	0	12	16	3	0	7	8	2	3	2	5	1
	9	15	1018.3	+2.3	11.6	1.2	11.8	86	5.9	2	2	6	11	10	0	0	0	0	0	1	3	10	13	3	0	0	0	14	14	2	1	4	12	1	5	4	2	
	15	21	1017.8	-	13.7	2.2	11.8	75	6.2	1	2	6	16	6	0	0	0	0	0	1	0	11	13	5	1	0	0	20	9	1	2	4	11	2	5	4	2	
	3	9	1018.3	-	11.6	1.4	11.5	83	5.0	4	3	6	11	7	0	0	0	0	0	0	3	10	18	0	0	0	0	13	16	2	0	5	13	1	2	4	2	
Chivenor, Devon	7	3	1018.0	-	10.2	1.2	10.8	85	4.3	10	3	1	10	7	0	0	0	0	0	0	2	12	13	3	1	0	0	7	20	4	0	3	12	4	3	1	1	3
	9	15	1018.7	+3.1	11.7	1.5	11.5	83	6.3	2	1	2	18	8	0	0	0	0	0	5	7	9	10	0	0	0	11	16	4	0	2	2	8	2	4	4	1	
	15	21	1018.2	-	14.2	2.5	11.7	72	6.1	1	1	6	17	6	0	0	0	0	0	0	1	7	3	16	4	0	1	16	4	0	2	2	11	4	4	4	1	
	3	9	1018.8	-	11.5	1.4	11.3	82	5.1	3	6	3	14	5	0	0	0	0	0	0	1	10	12	7	1	0	0	8	19	4	0	3	12	4	3	1	2	2
Prawle Point, Devon	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Exeter, Devon	38	3	1018.3	-	9.2	0.7	10.7	90	5.0	7	3	1	9	11	0	0	0	1	0	1	3	11	9	5	0	0	1	9	17	4	0	15	1	3	3	2	3	0
	9	15	1019.0	+3.0	11.0	1.1	11.6	87	5.9	2	3	5	11	10	0	0	0	0	0	0	5	13	6	1	0	0	0	10	19	2	3	11	3	2	4	2	2	
	15	21	1018.3	-	14.1	2.4	11.9	74	5.8	0	5	5	13	8	0	0	0	0	0	1	11	5	9	5	0	0	0	18	12	1	1	8	5	5	1	3	2	
	3	9	1019.1	-	10.5	1.0	11.2	87	4.6	5	7	3	6	10	0	0	0	2	1	0	10	10	7	0	0	0	0	4	25	2	3	12	3	2	4	1	2	2
Scilly, Cornwall	61	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gwennap Head, Cornwall	70	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Mawgan, Cornwall	107	3	1017.9	-	10.4	0.8	11.5	90	5.6	3	3	7	8	10	0	0	0	0	0	0	4	9	11	7	0	0	1	15	14	1	1	7	5	6	4	1	2	4
	9	15	1018.6	+3.0	11.2	0.9	11.9	88	6.0	1	2	7	13	8	0	0	0	0	0	0	4	15	5	6	0	0	2	13	16	0	2	3	10	4	6	1	3	2
	15	21	1018.0	-	13.5	1.9	12.2	78	6.0	1	1	8	15	6	0	0	0	0	0	1	2	6	7	14	0	0	2	13	15	1	2	4	5	4	7	1	5	2
	3	9	1018.7	-	10.7	0.8	11.6	89	5.3	4	3	6	9	9	0	0	0	0	0	1	1	11	11	6	1	0	1	13	15	2	0	9	7	3	6	1	2	1
NORTHERN IRELAND																																						
Moneydig, Co. Londonderry	35	3	1018.5	-	9.0	0.5	10.8	92	5.0	2	8	2	11	8	0	0	1	0	0	2	7	10	3	8	0	0	0	7	22	2	5	1	3	3	10	3	3	1
	9	15	1017.6	-	12.9	1.8	11.9	80	5.6	1	5	4	11	10	0	0	0	0	0	5	12	4	10	0	0	0	0	14	17	0	5	1	2	7	8	3	4	1
	15	21	1017.9	-	9.1	0.6	10.8	93	5.2	4	5	5	12	8	0	0																						
Aldergrove, Co. Antrim	73	3	1018.2	-	9.7	1.0	10.5	87	5.3	5	1	5	14	6	0	0	0	0	0	7	9	10	3	1	0	0	8	22	1	1	2	9	7	4	4	1	2	
	9	15	1019.0	+5.9	10.0	1.1	10.6	86	5.6	2	4	3	13	9	0	0	0	0	0	9	5	9	4	2	0	0	0	9	21	1	4	4	4	3	6	4	3	
	15	21	1018.1	-	12.8	2.6	10.6	71	5.6	1	3	7	14	6	0	0	0	0	0	3	10	9	4	5	0	0	1	14	14	2	4	2	6	3	6	4	0	
	3	9	1018.5	-	9.9	1.2	10.5	85	5.6	4	2	3	12	10	0	0	0	0	0	6	9	8	4	1	0	0	6	23	2	2	3	8	5	6	1	4	0	
Black Mountain, Co. Antrim	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kilkeel, Co. Down	20	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	21	-	-																																		



Station	maximum °C							minimum °C							Station	maximum °C							minimum °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 (psychrometer)	0	0	11	20	0	0	0	0	0	0	0	0	8	19	4	0	Edgbaston	0	0	4	16	11	0	0	0	0	0	0	0	0	4	21	6	0	
Lerwick (large screen)	0	0	10	21	0	0	0	0	0	0	0	0	10	17	4	0	Kew (psychrometer)	0	0	0	16	14	1	0	0	0	0	0	0	1	11	8	11	0	
Stornoway	0	0	4	23	4	0	0	0	0	0	0	1	9	16	5	0	Kew (north-wall screen)	0	0	2	14	14	1	0	0	0	0	0	0	2	16	13	0	0	
Craibstone	0	0	2	22	7	0	0	0	0	0	0	0	15	15	1	0	Hastings	0	0	0	19	12	0	0	0	0	0	0	0	3	13	15	0	0	
Rothersey	0	0	2	22	7	0	0	0	0	0	0	0	3	25	3	0	Southampton	0	0	0	15	16	0	0	0	0	0	0	0	0	4	18	9	0	0
Abbotsinch	0	0	1	20	10	0	0	0	0	0	5	6	14	6	0	0	Stonyhurst	0	0	3	17	11	0	0	0	0	0	2	8	19	2	0	0	0	
Eskdalemuir (psychrometer)	0	0	4	20	7	0	0	0	0	0	4	11	13	3	0	Rhyl	0	0	2	18	11	0	0	0	0	0	0	0	2	23	6	0	0		
Eskdalemuir (large screen)	0	0	4	20	7	0	0	0	0	0	4	13	11	3	0	Valley	0	0	0	15	14	2	0	0	0	0	0	0	5	13	13	0	0		
Douglas	0	0	2	28	1	0	0	0	0	0	0	0	2	16	13	0	Rhoose	0	0	0	23	8	0	0	0	0	0	0	0	4	17	10	0	0	
Acklington	0	0	3	23	5	0	0	0	0	0	0	0	14	14	3	0	Falmouth	0	0	0	26	5	0	0	0	0	0	0	2	16	13	0	0		
Gorleston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Aldergrove	0	0	1	21	9	0	0	0	0	0	0	5	22	4	0	0		
Cambridge Botanic Gardens	0	0	1	13	16	1	0	0	0	0	0	0	14	11	6	0	Armagh	0	0	2	20	9	0	0	0	0	0	0	7	22	2	0	0		

October 1972

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Table 6 Summary of autographic records of wind

October 1972

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
					dates of occurrence	duration (hours)	no. of days	Duration in hours						veer from N		speed (kt)	hour ended at		veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL STATIONS



3 8078 0006 6124 1

NOVEMBER

1972

VOLUME 89

NUMBER 11

## Changeable; warm at first then colder with snow in places

Depressions and troughs of low pressure frequently affected the British Isles. Some of the depressions were very deep but while their associated troughs were occasionally vigorous in the north and west they were often weak in the south and east.

### Weather

It was generally changeable especially in the north and west. After a warm start it became cold during the second week. From the 9th to 13th stormy weather occurred widely and strong winds and heavy rain caused minor damage and flooding in some places. Snow or wintry showers fell at times, mainly in the north on high ground but on the 17th there was a brief snowfall in counties bordering the English Channel.

### Wind

Winds were often fresh or strong with local gales at times, especially in the north and west. The period from the 9th to 13th was particularly windy and mean wind speeds in Scotland, northern England and north Wales occasionally reached 40-50 kt over high ground. During the same period gusts of 50-60 kt occurred at many places. A gust of 82 kt was recorded at the upland station of Great Dun Fell (Westmorland) on the 9th and noteworthy gusts recorded at low level stations included 61 kt at Ronaldsway (Isle of Man) on the 9th, 74 kt at Kirkwall (Orkney) on the 10th and 70 kt at Shoeburyness (Essex) on the 13th. The 27th and 28th were also very windy in many districts.

### Temperature

Monthly mean temperature was below average but deficits were small. The first week was warmer than average. On the 6th a high of 19.5°C was recorded at Garmouth and 19.1°C at Gartly. This was the highest November temperature recorded anywhere in Scotland. On the same day was unusually warm in east Scotland, for example 18.2°C at Gordon Castle. The highest recorded there in records began in 1879 while Aberdeenshire had its warmest since records began in 1925. However, it became progressively colder and by mid-month temperatures everywhere were much below average. During the next 10 days or so frost often occurred widely at night, especially in Scotland where it was occasionally severe, particularly in upland areas. On the 14th and 15th day-time temperature in parts of Scotland barely exceeded 0°C and the 18th was another very cold day. A brief respite from the cold occurred in the southern half of the United Kingdom for a few days around the 21st and the last 4 or 5 days were generally milder than average.

### Rainfall

Rainfall (including melted snow) was below average over the eastern half of England and Scotland and over much of the Midlands. Deficits were mostly small but locally in east Scotland rainfall was less than half the average. Elsewhere in Great Britain rainfall was above average and it reached about twice the average in a few areas in north and west Scotland, north-west England and the Channel Islands. Lerwick (Shetland) and Moor House (Westmorland) had their wettest November since 1921 and 1952 respectively. Northern Ireland had about average rainfall. Precipitation, sometimes falling as snow or wintry showers with local thunderstorms, was a frequent occurrence during the month in north and west Scotland, Northern Ireland and on high ground in Wales and northern England. In the 24 hours beginning at 09 GMT on the 9th some exceptionally heavy rainfall totals were recorded in the Lake District among the highest being 172.0 mm at Honister and 115.5 mm at Seathwaite Farm (both in Cumberland). The 12th was wet in most areas from Northern Ireland and southern Scotland southwards and local flooding occurred in many areas of England and Wales. More heavy rain fell in western areas on the 18th and 19th, especially in Northern Ireland and west Scotland where 24-hour rainfalls from 09 GMT included 74.2 mm at Tollymore Park (Co. Down) on the 18th and 69.3 mm at Pullough Burn (Kirkcudbrightshire) on the 19th. Honister featured again on the 29th when 158.0 mm of rain were recorded there in the 24 hours beginning at 09 GMT.

### Snow

Snow or sleet (rain or drizzle and snow) often fell in the form of wintry showers

and these were reported frequently in Scotland, Northern Ireland and northern England. However, during the second and third weeks more substantial snowfall occurred at times over high ground. On the 12th/13th drifting snow was reported in the Pennines and Scottish Highlands and on the 17th snow settled for a time on high ground in the southernmost counties of England, notably on Dartmoor. Snow showers on the 18th gave fresh snowfalls of some 10 cm on the higher parts of the north Pennines where on the next day snowdrifts blocked some roads.

### Sunshine

Although a few areas, mainly in Scotland, had less sunshine than average, most districts had more than average. Parts of England and Wales in particular recorded sunshine totals of some 150 per cent of average; Cleethorpes (Lincolnshire) and Rothamsted (Hertfordshire) had their highest November sunshine totals since 1925 and 1947 respectively.

### Fog

Fog was not a prominent feature of the weather during the month. However, fog persisted in patches all day on the 2nd in parts of southern England and again on the 14th here and there in the Midlands and south Yorkshire. On the evening of the 26th fog, locally dense and freezing, formed rapidly over much of the Midlands and southern England but the fog dispersed during the following night.

### Miscellaneous phenomena

On the 10th a waterspout was observed off the Mull of Kintyre and on the 17th one was seen in the Moray Firth. The aurora was reported on 11 nights by observers in Scotland.

Table 1 District values

November 1972

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. †	Min. †	difference from average						
0 Scotland N	16.6	-5.0	-0.8	-1.4	-1.0	-	+3	132	102
1 Scotland E	18.3	-7.2	-0.6	-1.1	-0.9	-0.1	-2	79	115
2 England N E	17.0	-6.0	-0.4	-0.9	-0.7	+0.3	0	96	128
3 England E	15.6	-2.5	-0.5	-0.6	-0.6	0.0	-2	87	133
4 Midland Counties	17.6	-4.1	-0.1	-0.4	-0.3	0.0	-3	92	155
5 England S E	16.2	-4.9	-0.6	-0.7	-0.7	-0.4	+1	88	132
6 Scotland W	14.6	-9.8	-0.9	-1.5	-1.2	-0.1	+3	115	115
7 Eng N W - Wales N	17.0	-6.9	-0.5	-0.7	-0.6	+0.7	+3	149	113
8 Eng S W - Wales S	17.2	-6.2	-0.4	-1.1	-0.7	+0.2	+3	116	127
N Ireland	15.9	-4.9	-0.8	-1.2	-1.0	-	+1	112	94
Scotland	18.3	-9.8	-0.8	-1.3	-1.0	-	+1	109	111
England & Wales	17.6	-6.9	-0.4	-0.7	-0.6	-	0	105	131

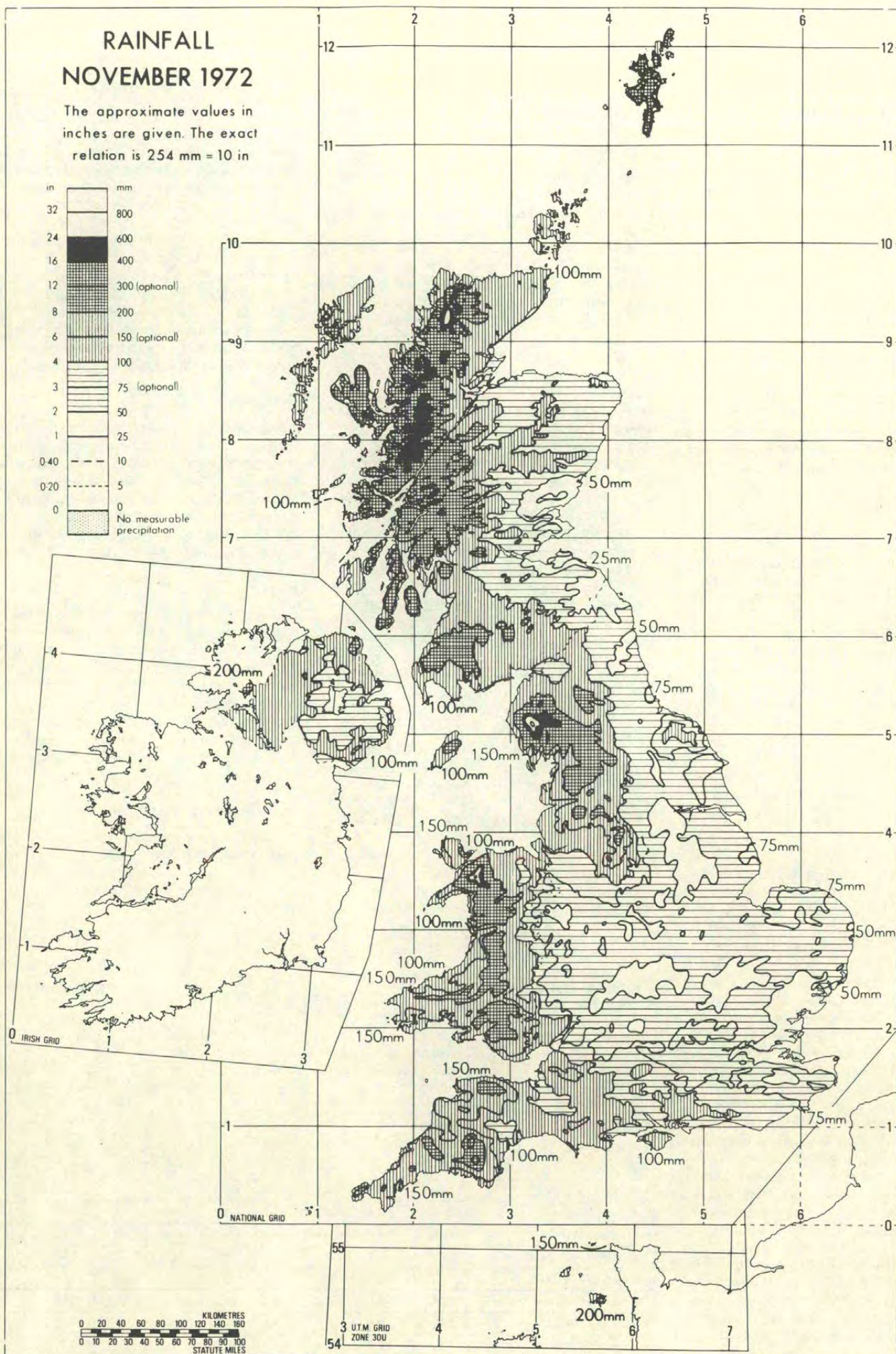
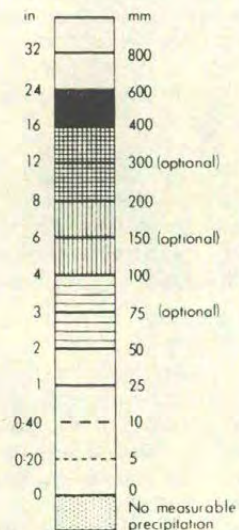
† Highest max. and lowest min. of the District Value Stations

MWR dup (1)



# RAINFALL NOVEMBER 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





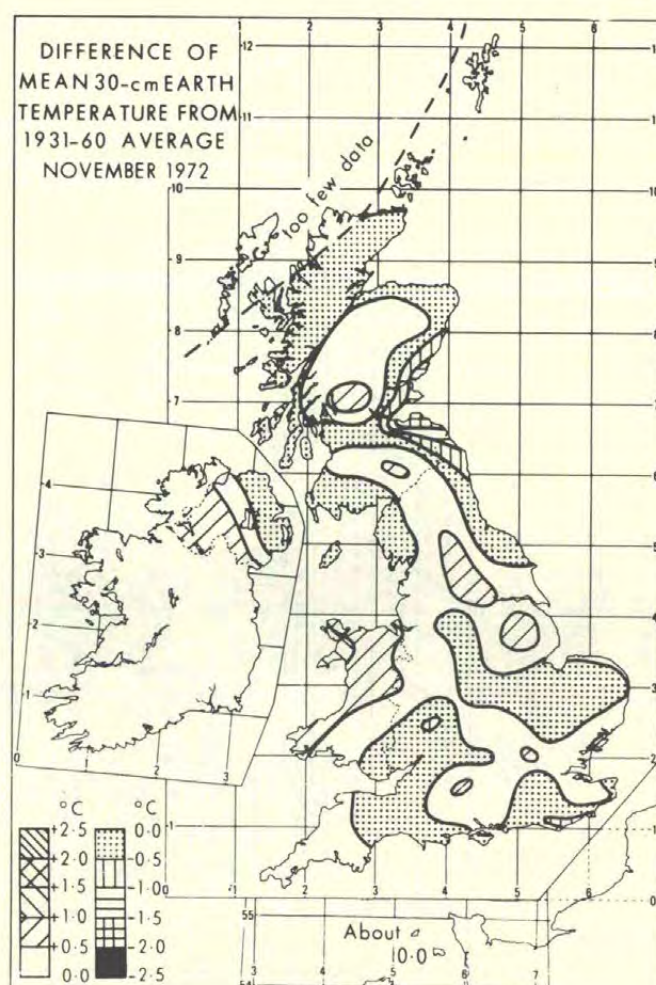
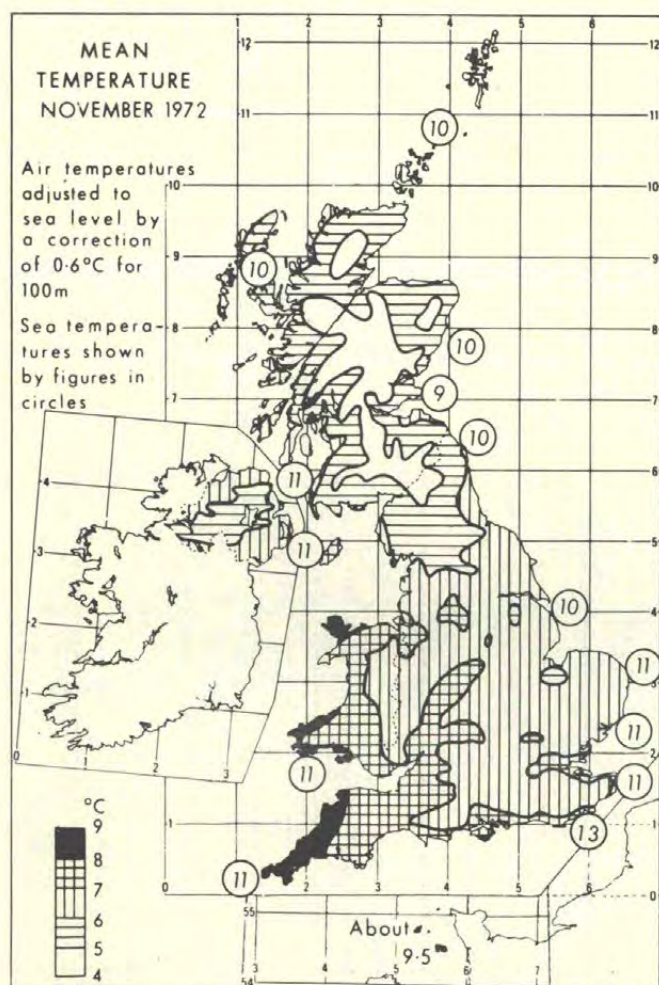
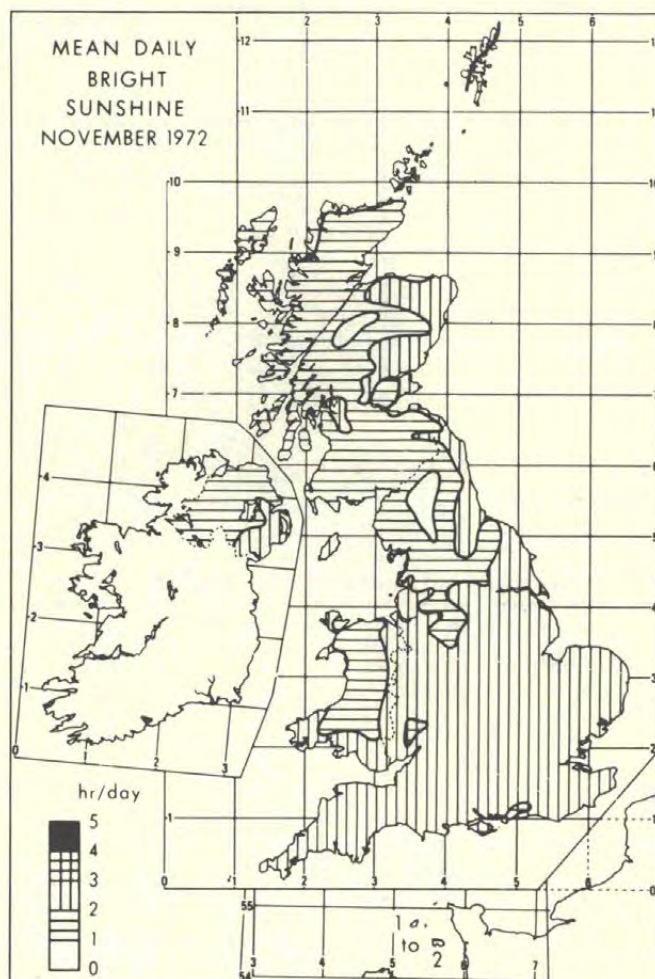
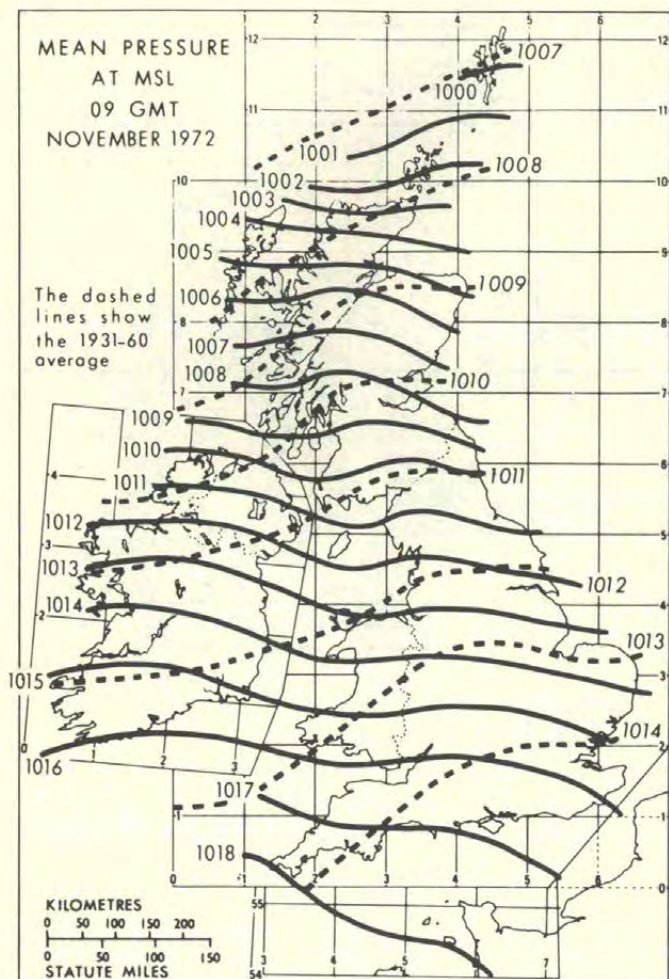




Table 2 Solar radiation and illumination

November 1972

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	85	3	7	20	35.6	30	47	4,7,8	7	20,27	25.5	30	106	3	8	20	43.1	30
Eskdalemuir	143	4	6	9	61.3	30	78	7	7	9	38.7	30	175	4	10	9	69.9	30
Cardington	175	15	15	19	83.1	30	82	1	14	19	49.4	30	-	-	-	-	-	-
London Weather Centre	160	8	17	19	83.4	30	93	1	15	19	52.2	30	202	8	22	19	104.4	30
Kew	171	8	18	19	89.3	30	82	4	18	19	54.4	30	211	8	23	19	110.4	30
Easthampstead	182	15	30	19	93.4	30	91	4	20	19	54.4	30	204	15	35	19	111.0	30
Aberporth	172	8	25	27	84.4	30	118	2	25	7,27	58.5	30	-	-	-	-	-	-
Alder Grove	140	14	21	29	60.8	30	84	7	21	29	43.9	30	-	-	-	-	-	-
Jersey Airport	226	2	18	17	86.2	30	94	9	18	17	63.7	30	244	2	24	17	99.3	30

Table 3 Summary of daily observations

District, county and place	max. terminal h (GMT)	min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine		
				means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
				max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																					
0 SCOTLAND N																																
Zetland																																
Hamnavoe	9 9	21	8.0	4.1	6.1	-	11.5	2	0.4	13	-	-	240	-	26	19	30	27	15	0	3	4	0	0	0	-	-	13	1.10	-	-	-
Lerwick	21-9	82	7.0	3.5	5.3	-	11.2	6	-2.5	18	-	-	231	183	20	9	30	28	6	1	3	13	2	0	2	8	10	7	1.35	124	-	-
psychrometer screen			7.0	3.4	5.2	-0.7	11.3	2.6	-2.0	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Baltasound	9 9	24	7.5	3.1	5.3	-	11.6	2	-2.0	18	7.0	-	186	143	20	9	30	28	10	0	1	0	2	0	3	-	-	10	0.88	-	-	-
Orkney																																
Sule Skerry	21-9	13	8.4	5.3	6.9	-	12.7	2	1.2	17	-	-	190	-	20	28	30	29	4	0	1	8	0	0	0	2	2	9	-	-	-	-
Stenness	9 9	23	7.9	3.6	5.7	-	13.6	2	-3.1	18	6.5	8.2	172	152	(15)	15	29	29	1	0	1	10	0	0	2	11	6	0.89	-	-	-	
Kirkwall	21-9	26	7.6	4.0	5.8	-0.9	13.5	2	-1.0	14	-	-	144	129	17	9	30	28	8	0	9	4	1	0	2	6	5	4	1.03	74	-	-
Caithness																																
Dounreay	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wick	21-9	36	7.9	2.8	5.3	-1.1	16.6	2	-4.2	18	-	-	97	121	12	22	24	19	10	4	0	11	1	0	8	14	9	1	1.82	105	-	-
John O Groats	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sutherland																																
Cape Wrath	21-9	112	7.6	4.4	6.0	-1.2	12.4	2	0.0	14,18	-	-	118	87	16	27	28	25	4	0	0	7	0	1	0	6	5	4	0.82	-	-	S
Lairg	9 9	107	7.3	0.8	4.1	-	15.5	2	-7.2	18	4.8	7.2	163	-	21	28	27	21	12	7	4	0	0	1	9	18	-	0	1.52	-	-	S
Strathay	9 9	37	8.0	2.2	5.1	-0.7	15.3	2	-4.1	18	-	-	146	124	24	16	29	24	13	3	2	2	2	0	5	-	-	2	0.99	79	-	S
Ross & Cromarty																																
Stornoway	21-9	3	7.8	2.9	5.3	-1.6	13.5	6	-3.5	18	-	-	149	129	16	28	30	26	8	3	0	10	1	0	9	14	11	6	1.58	106	-	-
Balmacara	9 9	4	8.8	2.1	5.5	-	13.9	5	-3.1	24	-	-	187	-	37	8	28	25	5	2	0	2	0	0	10	-	-	-	-	-	-	-
Poolewe	9 9	6	8.5	3.3	5.9	-	14.0	1	-1.5	24	-	-	194	132	27	29	27	24	4	0	2	0	3	0	7	13	-	3	1.03	-	-	S
Rudh Re	21-9	16	8.3	5.3	6.8	-	12.6	1.2	1.0	18	-	-	144	-	29	27	30	21	2	0	0	2	0	0	0	4	4	11	-	-	-	-
Inverpolly	9 9	14	8.3	3.3	5.8	-	14.9	1	-3.0	18	7.4	-	194	150	16	27	30	28	3	4	1	11	2	-	8	13	-	4	0.71	-	-	S
Kinlochewe	9 9	23	8.3	2.2	5.3	-1.0	15.3	6	-5.8	18	6.6	-	310	162	32	27	26	26	-	8	-	-	-	0	9	14	-	-	-	-	-	S
Knockanrock	9 9	244	6.6	1.9	4.3	-	13.5	1	-2.5	14	-	-	334	-	30	15	29	27	6	9	0	16	3	-	10	14	-	7	-	-	-	-
Strathconon	9 9	107	8.2	0.6	4.4	-	15.5	5	-8.6	18	-	-	180	-	25	28	27	20	7	5	0	0	0	-	10	21	-	0	-	-	-	-
Fortrose	9 9	5	8.1	3.6	5.9	-0.9	14.5	1	0.0	15,19,25	-	-	54	95	13	20	17	15	1	0	0	0	0	0	0	-	0	0	1.41	83	-	-
Tarbatness	21-9	18	7.9	3.6	5.7	-0.6	15.5	6	(-3.0)	18	-	-	68	135	13	20	20	11	4	0	0	0	0	0	4	-	-	2	-	-	-	-
Inverness																																
Benbecula	21-9	6	8.3	4.3	6.3	-1.0	12.6	2	-1.6	24	-	-	127	99	19	8	28	23	5	0	6	5	1	0	4	11	9	6	1.44	-	-	-
Isle of Rhum	9 9	5	8.9	2.8	5.9	-	13.2	1.5	-3.0	18	7.3	9.4	274	99	31	8	28	26	5	0	0	7	0	0	7	18	-	8	1.00	-	-	-
Prabost	9 9	67	7.5	2.1	4.8	-	12.2	6	-2.8	16	-	-	245	122	36	27	30	23	7	6	0	13	1	0	7	18	-	9	1.45	-	-	-
Duntulm	9 9	90	-	-	-	-	-	-	-	-	-	-	148	104	25	26	27	24	2	0	0	1	0	0	-	-	-	3	0.90	66	-	-
Onich	9 9	15	8.8	2.1	5.5	-0.9	13.5	7	-5.0	18	-	-	238	119	36	28	23	21	-	4	-	-	-	1	10	16	-	-	-	-	-	S
Corpach	9 9	8	8.6	2.3	5.5	-	15.0	6	-4.4	18	-	-	245	-	34	28	27	23	3	3	0	0	0	0	8	11	-	0	-	-	-	-
Fort Augustus	9 9	21	7.5	0.5	4.0	-1.6	14.2	2	-6.6	18	-	-	160	-	23	9	21	19	-	0	-	-	-	3	12	-	-	-	-	-	-	S
Lagganlia	9 9	250	6.7	-0.2	3.3	-	15.8	2	-10.5	18	-	-	64	-	11	9	22	15	9	7	0	0	0	0	12	18	-	0	-	-	-	-
Inverness	9 9	4	8.6	3.0	5.8	-	16.0	2	-4.5	16	-	-	59	101	15	20	18	16	4	1	0	0	0	0	5	11	-	1	1.69	-	-	-
Coire Cas Shieling	9 9	762	3.2	-1.5	0.9	-	13.9	2.5	(-6.0)	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-
Cairngorm	9 9	1090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glenmore Lodge	9 9	341	6.6	-1.2	2.7	-1.1	16.3	2	-8.6	19	-	-	89	92	12	9	22	18	-	12	-	-	-	0	16	24	21	-	0.90	-	-	S
Moy	9 9	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1 SCOTLAND E																																
Nairn																																
Nairn	9 9	6	8.3	2.0	5.1	-0.9	16.9	6	-5.5	18	-	-	48	86	15	20	21	13	5	2	0	2	0	0	9	13	-	0	1.79	101	-	-
Moray																																
Grantown-on-Spey	9 9	229	6.5	-0.4	3.1	-	15.8	2	-9.0	18	-	-	63	-	17	22	22	14	9	4	0	0	0	0	13	26	-	0	1.93	-	-	-
Forres	9 9	50	8.1	2.5	5.3	-0.5	16.5	6	-3.1	18	5.6	8.0	63	117	18	20	18	14	3	4	0	1	0	0	8	12	-	0	2.13	111	-	-
Kinloss	21-9	5	8.2	2.6	5.4	-0.5	17.1	6	-4.3	18	6.9	-	61	114	17	20	17	12	10	3	1	3	0	0	8	16	13	2	1.89	-	-	-
Elgin	9 9	15	8.7	2.2	5.5	-	17.9	6	-3.0	16	-	-	87	144	19	20	18	16	-	2	-	-	-	-	0	7	9	-	-	-	-	S
Lossiemouth	9 9	6	8.7	2.4	5.5	-0.3	17.1	6	-3.5	25	-	-	70	121	19	20	20	12	-	-	-	-	-	-	6	14	13	-	-	-	-	-
Gordon Castle	9 9	32	8.7	2.9	5.8	-0.2	18.2	6	-1.8	16	-	-	82	112	22	20	22	14	2	4	4	0	1	-	5	-	-	1	2.23	132	-	-



Table 3 Summary of daily observations

November 1972

District, county and place	max min	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date																					
1 SCOTLAND E — continued																																
Banff																																
Glenlivet	21-9	215	6.5	1.4	3.9	-	16.9	2	-5.6	18	-	-	89	-	17	22	23	18	10	8	5	0	0	12	18	18	0	2.00	-	S		
Banff	9-9	24	8.5	3.2	5.9	-	17.4	6	-1.0	16	-	-	79	-	24	16	18	16	3	0	0	0	3	-	-	0	1.90	-	S			
Aberdeen																																
Braemar	9-9	339	6.0	-0.7	2.7	-1.1	15.0	2	-9.8	18	-	-	63	65	13	9	19	15	11	0	0	0	14	19	-	-	1.42	-	S			
Balmoral	9-9	283	7.0	-0.8	3.1	-0.8	17.3	6	-7.5	(18), 19	-	-	76	90	13	22	18	15	7	9	0	0	16	24	-	0	-	-	-	-	-	
Dinnet	9-9	177	7.8	0.9	4.3	-	17.5	6	-5.5	18	5.4	-	56	-	(12)	17	13	9	0	-	0	0	11	22	-	-	2.24	-	-	-	-	
Gartly	9-9	160	7.7	0.9	4.3	-	19.1	2	-3.4	18, (19)	-	-	84	-	18	17	22	14	-	-	-	-	10	25	-	-	-	-	-	-	-	
Inverurie Sewage Works	9-9	54	8.4	0.5	4.5	-	18.8	2	-4.6	18	-	-	60	-	19	20	17	12	5	4	0	0	14	19	-	0	2.65	-	-	-	-	
Fyvie Castle	9-9	66	8.1	0.1	4.1	-	18.0	5	-3.5	25	-	-	88	95	21	20	20	16	7	3	0	0	17	26	-	0	-	-	-	-	S	
Craibstone	9-9	91	8.0	1.2	4.6	-1.1	18.3	6	-2.4	16	5.9	8.0	71	78	19	20	16	11	3	4	0	0	1	8	20	-	0	2.47	124	-	-	
Dyce	21-9	58	8.0	1.6	4.8	-0.8	18.8	6	-2.9	18	-	-	82	88	23	20	15	13	6	2	2	1	9	20	16	4	2.24	-	-	-	-	
Aberdeen	9-9	52	8.0	1.7	4.9	-0.8	18.2	6	-3.6	16	-	-	77	89	20	20	16	11	4	0	1	0	8	22	-	0	2.37	131	S	-	-	
Fraserburgh	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kincardine																																
Fettercairn	9-9	171	7.0	0.9	3.9	-1.2	15.2	6	-4.0	16	-	-	100	98	20	19	16	12	6	0	0	0	1	10	26	-	1	1.87	-	S	-	-
Banchory	9-9	77	8.3	0.8	4.5	-	18.3	6	-4.4	16	-	-	78	-	20	19	12	9	6	0	2	0	1	11	21	-	0	-	-	-	-	-
Stonehaven	9-9	4	8.3	-	-	-	17.2	6	-	-	-	-	76	96	18	20	13	9	0	0	0	0	-	-	-	0	2.29	121	-	-	-	-
Angus																																
Mynefield	9-9	30	8.4	1.3	4.9	-	16.7	6	-4.5	18	5.2	8.6	28	40	10	19	11	6	0	0	0	0	9	23	-	1	2.23	-	-	-	-	-
Dundee	9-9	45	8.3	1.5	4.9	-0.8	16.3	6	-7.2	18	4.5	-	34	46	11	19	14	7	0	0	0	0	10	20	-	0	2.38	-	-	-	-	-
Glamis Castle	9-9	61	7.9	0.2	4.1	-	16.5	6	-4.8	15, 16	-	-	47	54	13	19	13	11	2	0	0	0	1	14	22	-	0	-	-	-	-	-
Whitehills	9-9	258	7.3	-0.1	3.6	-	17.0	2	-6.0	25	-	-	138	117	32	19	17	12	7	4	0	0	1	14	17	-	0	-	-	-	-	S
Buddon Ness	9-9	5	8.3	1.6	4.9	-0.9	15.6	6	-8.3	16	-	-	43	64	10	19	16	9	3	0	0	0	8	-	-	2	-	-	-	-	-	-
Carnoustie	9-9	27	8.6	-	-	-	15.0	6	-	-	5.3	-	45	65	11	19	14	11	-	0	-	-	-	-	-	-	2.37	-	-	-	-	-
Arbroath	9-9	28	8.2	2.3	5.3	-0.8	16.0	6	-2.0	16	-	-	38	60	7	20	15	10	0	0	0	0	7	15	-	0	2.65	126	-	-	-	-
Usan	21-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Montrose	9-9	57	7.9	1.4	4.7	-	16.5	6	-2.5	16, 25	-	-	46	63	12	19	15	8	2	0	0	0	9	25	-	0	-	-	-	-	-	-
Perth																																
Aberfoyle	9-9	27	8.5	-0.7	3.9	-	15.0	6	-9.0	18	-	-	176	-	40	19	21	18	-	-	-	-	14	17	-	-	-	-	-	-	-	-
Dall	9-9	232	7.0	-1.5	2.7	-	15.1	6	-9.7	18	-	-	123	-	27	9	20	12	9	7	0	2	0	16	25	-	2	-	-	-	-	-
Callander	9-9	107	7.9	0.1	4.0	-	14.0	2, 5, 6	-7.2	16	-	-	143	-	(22)	19	18	17	1	0	0	0	1	15	19	-	0	-	-	-	-	-
Ardtnaig	9-9	130	7.6	1.3	4.5	-	14.2	6	-5.0	18	-	-	124	98	22	30	18	14	2	0	0	0	1	11	18	-	1	1.39	-	-	-	-
Dunblane	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.75	-	-	-	-	-
Drummond Castle	9-9	113	8.0	0.2	4.1	-	15.4	6	-6.2	18	6.0	-	119	-	27	9	16	11	0	0	0	0	12	22	-	0	2.44	-	-	-	-	S
Gleneagles	9-9	152	7.4	0.4	3.9	-	14.2	5	-7.0	18	-	-	92	85	23	30	14	13	1	0	0	0	1	14	23	-	1	2.21	-	-	-	-
Pitlochry	9-9	144	7.4	-0.2	3.6	-	16.5	2	-7.0	18	-	-	63	73	12	9	14	12	3	0	0	0	1	12	27	-	0	2.17	-	-	-	-
Faskally	9-9	94	7.9	-0.4	3.7	-	18.6	6	-7.0	15	4.8	7.9	74	83	13	27	17	11	2	1	0	0	1	12	23	-	0	-	-	-	-	-
Ashintully Castle	9-9	341	6.0	-1.0	2.5	-	15.0	2	-7.0	18	-	-	65	-	17	19	11	10	13	4	0	0	1	17	24	-	0	-	-	-	-	-
Strathallan	9-9	41	8.5	0.7	4.6	-	16.4	6	-5.6	18	-	-	53	-	17	19	9	8	4	0	1	0	1	14	23	-	0	-	-	-	-	-
Perth	9-9	23	8.9	0.5	4.7	-0.8	16.0	6	-7.0	18	-	-	41	58	17	19	10	8	0	0	0	0	13	19	-	0	2.14	130	-	-	-	-
Blairgowrie	9-9	70	8.1	0.2	4.1	-	15.7	6	-6.6	16	5.1	-	41	56	12	19	13	9	-	0	-	-	14	19	-	0	2.16	-	-	-	-	S
Kinross																																
Kinross	9-9	116	7.5	-0.2	3.7	-	13.9	6	-6.4	18	5.7	-	67	-	14	9	14	11	-	0	-	-	14	21	-	-	1.59	-	-	-	-	-
Fife																																
Pitreevie	21-9	40	8.0	2.7	5.3	-	15.4	6	-4.0	18	-	-	54	82	18	19	12	9	2	0	1	0	10	12	12	3	-	-	-	-	-	-
Kirkcaldy	9-9	32	8.9	1.8	5.3	-0.6	18.1	6	-4.5	15	-	-	40	56	16	19	10	8	0	0	0	0	9	18	-	0	1.95	-	-	-	-	-
Glenrothes (Glenwood)	9-9	117	7.7	1.2	4.5	-	14.5	6	-4.1	16	-	-	56	-	17	19	13	11	-	-	-	-	10	21	-	-	1.95	-	-	-	-	-
Cupar	9-9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leuchars	21-9	10	8.3	1.9	5.1	-1.1	16.8	6	-4.2	16	-	-	37	58	10	19	12	7	5	0	0	1	1	9	14	14	0	2.48	116	-	-	-
St Andrews	9-9	18	8.5	2.7	5.6	-	15.9	6	-2.5	16	5.4	8.3	47	-	15	19	13	8	1	0	0	0	7	15	-	0	2.39	114	-	-	-	-
West Lothian																																
Livingston	9-9	125	7.8	0.5	4.1	-	15.0	5, 6	-8.0	18	-	-	57	-	18	9	12	-	0	-	-	-	2	13	17	-	-	-	-	-	-	-
Midlothian																																
Turnhouse	21-9	35	8.3	2.2	5.3	-0.7	16.5	6	-6.5	18	-	-	27	46	9	9	12	9	3	0	0	3	0	11	16	14	0	1.89	-	-	-	-
Edinburgh																																
East Craigs	9-9	61	8.7	1.7	5.2	-	16.6	6	-4.4	18	5.9	-	30	50	13	9	12	8	1	0	0	0	10	19	-	0	2.10	-	-	-	-	S
Penicuik	9-9	189	7.5	1.4	4.5	-0.7	14.8	6	-6.0	18	5.3	-	61	71	26	9	14	12	3	0	0	0	1	11	16	-	1	1.76	-	-	-	-
Bush House																																



Table 3 Summary of daily observations

November 1972

District, county and place	max terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	date	precip- itation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max (a)	min (b)		max	date	min	date																					
1 SCOTLAND E — continued																														
Roxburgh	9 9	155	7.2	0.3	3.7	-	13.1	2	-8.5	18	-	-	98	123	26	9	17	13	3	0	0	0	0	0	12	-	6	-	-	-
Wauchope	9 9	34	8.3	0.9	4.6	-	15.7	6	-6.3	14	-	-	30	-	6	10	14	10	3	0	0	1	0	0	13	20	-	0	1.76	-
Kelso	9 9	221	6.8	1.1	3.9	-1.0	14.2	6	-5.4	14	-	-	72	-	19	19	19	14	4	7	0	0	0	0	12	19	-	0	1.48	-
Sourhope (see Introduction)																														
6a SCOTLAND W																														
Argyll																														
Tiree	21-9	9	9.0	4.6	6.8	-1.1	12.7	2	-1.3	17	-	-	110	94	15	27	28	23	4	0	2	12	1	0	1	8	3	1.52	95	-
Port Ellen	9 9	18	9.1	4.0	6.5	-	13.9	5	-3.8	24	-	-	139	-	15	18	26	25	-	-	-	-	-	-	5	-	-	-	-	-
Rhuvaal	21-9	20	9.2	5.1	7.1	-	14.8	5	0.6	18	-	-	144	90	31	18	25	21	5	0	13	0	0	0	0	6	5	4	-	-
Colonsay	9 9	30	8.9	4.1	6.5	-1.0	13.5	5	-2.0	24	-	-	119	83	16	18	25	21	2	-	0	5	2	0	3	-	0	-	-	-
Aros	9 9	37	8.7	-	-	-	13.4	5	-	-	-	-	231	-	32	28	26	25	4	0	0	7	0	0	-	19	-	1	-	-
Machrihanish	21-9	10	9.2	4.4	6.8	-	16.1	5	-2.8	18	-	-	177	154	34	18	22	18	4	0	3	6	2	0	6	7	7	4	1.53	-
Campbeltown	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.88	-
Polloch	9 9	15	8.2	1.9	5.1	-	13.9	5	-4.5	17	-	-	211	-	22	28	25	24	7	0	0	3	1	-	8	9	-	0	-	-
Knapdale Forest	9 9	40	8.5	1.3	4.9	-	13.6	6	-5.3	24	-	-	194	-	40	18	22	21	-	-	-	-	0	10	15	-	-	-	-	-
Dunstaffnage	9 9	3	8.8	3.2	6.0	-	13.2	2.5	-3.1	17	-	-	174	-	31	29	25	21	6	2	2	1	1	0	7	-	2	-	-	-
Glenbranter	9 9	24	8.3	1.0	4.7	-	15.0	2	-7.5	18	-	-	252	-	41	18	24	22	5	3	2	0	0	0	11	21	-	0	-	-
Glen Etive	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benmore Younger																														
Botanic Gardens	9 9	12	8.3	2.0	5.1	-	14.5	5.6	-5.0	18	-	-	274	108	47	19	22	21	6	2	1	3	1	1	8	19	-	0	-	-
Bute																														
Kildonan	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brodick Castle	9 9	15	9.4	3.5	6.5	-	15.0	5	-2.6	18	6.9	-	264	149	32	19	23	21	2	0	0	5	3	0	6	12	-	3	-	-
Rothsay	9 9	43	8.4	3.1	5.7	-1.2	14.5	5	-2.5	17	6.4	8.4	161	109	24	18	23	20	3	1	0	1	0	0	7	13	-	1	1.88	118
Dunbarton																														
Finnart	9 9	15	8.6	2.9	5.7	-	15.2	6	-3.5	16	-	-	220	-	33	9	21	19	4	2	0	1	0	0	8	-	0	-	-	-
Helensburgh	9 9	89	7.8	1.8	4.8	-1.2	13.3	9	-4.5	19	-	-	167	112	22	19	24	21	4	3	0	2	0	0	8	-	3	2.24	157	-
Sloy	21-9	12	8.4	2.7	5.5	-	15.5	6	-4.4	16	-	-	305	-	43	9	23	19	4	-	0	1	0	0	9	-	0	-	-	-
Arrochymore	9 9	37	8.6	1.5	5.1	-	13.7	5	-4.7	18,25	-	-	139	-	21	19	22	16	0	0	0	1	0	0	12	16	-	0	2.13	-
Cumbarnauld	9 9	94	7.2	0.3	3.7	-	14.0	5	-7.2	18	-	-	111	-	17	30	19	16	-	0	-	-	-	0	13	20	-	0	-	-
Stirling																														
Earls Hill	21-9	335	5.3	1.0	3.1	-	12.2	6	-4.5	17	-	-	163	-	37	9	19	16	5	-	0	0	0	5	11	20	18	7	2.04	-
Stirling Batterflats	9 9	38	8.7	0.5	4.6	-	15.7	2	-7.1	18	6.4	8.7	108	-	20	9	15	11	3	1	0	0	0	0	15	22	-	1	2.15	-
Parkhead	9 9	107	8.3	1.0	4.7	-	15.7	6	-5.4	18	5.9	-	79	-	19	19	15	11	-	0	-	-	-	0	13	-	-	-	-	-
Falkirk Sewage Works	9 9	3	8.5	1.5	5.0	-	15.4	6	-6.0	18	-	-	75	-	15	19	13	11	0	0	0	0	0	1	11	-	0	1.87	-	-
Grangemouth	9 9	4	8.6	1.6	5.1	-	15.3	5.6	-4.5	18	-	-	70	-	15	19	15	12	-	0	-	-	-	1	10	17	-	-	-	-
Renfrew																														
Greenock	9 9	61	7.9	3.3	5.6	-1.3	14.2	5	-1.8	18	-	-	178	107	24	29	22	18	3	1	1	1	0	0	6	12	-	2	1.87	153
Paisley	9 9	32	8.4	2.6	5.5	-1.1	14.1	6	-3.6	18	5.5	8.9	134	119	22	9	19	16	2	0	2	0	0	0	8	16	-	2	1.86	140
Barrhead	9 9	30	8.4	1.8	5.1	-	14.3	6	-5.7	18	-	-	143	122	28	9	19	15	2	0	0	1	0	1	9	14	-	2	-	-
Abbotsinch	21-9	5	8.2	1.9	5.1	-1.0	14.5	6	-7.5	18	-	-	112	106	22	9	18	12	6	0	3	0	1	1	11	15	13	0	2.14	152
Lanark																														
Crossmyloof	9 9	23	8.8	1.9	5.3	-	14.6	5	-4.5	18	-	-	106	-	21	9	18	16	2	3	0	0	0	0	10	-	0	-	-	-
East Kilbride	9 9	178	7.4	1.7	4.5	-	14.2	6	-5.5	18	-	-	128	-	31	9	17	16	3	4	0	0	0	-	9	-	1	2.31	-	-
Glasgow, Springburn	9 9	107	7.5	2.1	4.8	-0.6	13.8	6	-3.2	14	-	-	93	97	19	19	21	14	3	0	0	0	0	1	9	19	-	0	1.88	158
Coatbridge	9 9	78	7.9	1.2	4.5	-1.1	14.5	5.6	(-7.0)	18	-	-	73	84	17	9	16	12	1	2	0	0	0	1	10	-	0	-	-	-
Leadhills	9 9	387	5.3	-0.1	2.6	-1.7	12.9	6	-8.7	18	-	-	181	107	24	9	24	17	8	10	0	1	0	2	13	17	-	0	-	-
Crawfordjohn	9 9	274	6.4	-0.7	2.9	-	13.8	6	-10.5	18	6.0	-	96	-	20	9	25	15	7	2	0	0	0	0	14	19	16	0	1.25	-
Lanark	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	1.68	-
Carnwath	9 9	208	7.0	-1.1	2.9	-1.8	14.7	6	-10.6	18	5.6	-	70	82	20	9	17	12	6	2	1	1	0	2	14	18	-	4	-	-
Camps Reservoir	9 9	295	6.2	-0.5	2.9	-	13.6	6	-8.7	18	-	-	115	91	28	9	24	16	9	4	0	0	0	0	0	16	-	8	1.27	-
Ayr																														
Girvan	9 9	8	9.4	4.5	6.9	-	15.6	6	-1.3	14	-	-	169	-	22	15	21	19	0	0	0	1	0	0	4	9	-	3	1.28	-



November 1972

District, county and place		max min, of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precipitation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
				max (a)	min (b)			max	date	min	date					amount (mm)	date														
6b ISLE OF MAN																															
Isle of Man																															
Ronaldsway																															
Douglas																															
Point of Ayre																															
2 ENGLAND NE																															
Northumberland																															
Kielder Castle																															
Haydon Bridge																															
Corbridge																															
Berwick-on-Tweed																															
Acklington																															
Tynemouth																															
Seahouses																															
Durham																															
Chopwellwood																															
Durham																															
Hartburn Grange																															
Hartlepool																															
Yorkshire N Riding																															
Leeming																															
Marton																															
York (Heslington)																															
Pickering																															
Scarborough																															
Silpho Moor																															
Whitby Coastguard																															
Yorkshire E Riding																															
High Mowthorpe																															
Hull																															
Filey																															
Bridlington																															
Kilnsea																															
Lincoln																															
Waddington																															
Lincoln																															
Cranwell																															
Brigg																															
Binbrook																															
Cleethorpes																															
Manby																															
Skegness																															
3 ENGLAND E																															
Norfolk																															
Tetterton St Clement																															
Marham																															
Santon Downham																															
East Dereham																															
Morley St Botolph																															
Cromer																															
Scole																															
Coltishall																															
Gorleston																															
Suffolk																															
Brooms Barn																															
Honington																															
East Bergholt																															
Wattisham																															
Aldeburgh																															
Lowestoft																															
Cambridge																															
Boxworth																															
Mepal																															
March																															
Cambridge																															
Botanic Gardens																															
National Institute of Agricultural Botany																															
Huntingdon																															
Monks Wood																															
Wyton																															
Bedford																															
Woburn																															
Silsoe																															
Cardington																															
Luton																															
Hertford																															
Aldenhall School																															
Garston																															
Rothamsted																															
St Albans																															
Letchworth																															
Stanstead Abbots																															
Hoddesdon																															



Table 3 Summary of daily observations

November 1972

District, county and place	max min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)			weather (number of days)												bright sunshine			
			means of				highest max and lowest min				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	date	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet snow lying at 09h	half	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max (a)	min (b)	daily mean (mean of a & b)	difference from 1931-60 average	max	date																							
3 ENGLAND E — continued																															
Essex																															
Little Parndon	9 9	54	9.3	3.0	6.1	-	15.5	6	-1.5	14.15.27	-	-	49	-	15	12	12	9	0	0	0	0	0	1	7	-	-	0	-	-	
Harlow	9 9	79	9.8	3.0	6.4	-	15.6	6	-2.2	15.25	-	10.3	60	-	17	12	15	10	0	0	0	0	0	3	8	-	-	0	-	-	
Stansted	21-9	101	8.8	3.3	6.1	-0.3	15.1	6	-1.6	25	-	-	54	84	14	12	14	10	0	0	0	0	0	1	8	13	12	1	-	-	
Writtle	9 9	32	9.4	3.0	6.2	-	15.6	6	-1.7	14.25	8.0	-	54	87	16	12	14	10	0	0	0	0	0	6	3	18	-	0	2.46	-	
Southeast	9 9	2	10.0	4.8	7.4	-	14.6	12	0.3	25	-	-	31	-	7	12	16	9	0	0	0	0	0	1	0	8	-	2	2.70	-	
Maldon	9 9	4	9.6	3.8	6.7	-	15.3	6	-0.6	16	-	-	-	-	-	-	-	-	-	-	-	-	0	3	3	-	0	-	-		
Earls Colne	9 9	49	9.6	3.1	6.3	-	15.3	6	-1.2	17	7.7	9.8	50	79	15	12	17	10	1	0	0	0	0	4	7	16	-	2	-	-	
Shoeburyness	21-9	2	9.6	5.1	7.3	-0.4	14.8	6	0.1	17.18.25	-	-	31	55	7	12	17	9	0	0	0	0	0	1	0	15	8	2	2.69	130	
Clacton-on-Sea	9 9	16	9.2	4.1	6.7	-0.8	15.8	6	-0.7	15.16	8.9	10.8	35	57	13	12	14	7	0	0	0	0	0	2	2	13	-	3	2.81	132	
Walton-on-Naze	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dovercourt	9 9	3	8.8	3.6	6.2	-1.3	14.6	6	0.1	15.26	-	-	43	71	15	12	12	9	0	0	0	0	0	1	0	1	-	2	2.41	-	
4 MIDLAND COUNTIES																															
Yorkshire W Riding																															
Slaidburn	9 9	192	7.5	2.1	4.8	-	13.9	6	-5.6	14	-	-	259	161	73	9	25	22	5	1	2	2	0	0	10	16	-	0	1.81	-	
Malham Tarn	9 9	395	(6.9)	0.8	(3.9)	-	(12.6)	6	-5.3	19	6.4	-	233	146	47	9	26	22	3	15	0	1	0	6	13	19	-	0	-	-	
Huddersfield	9 9	99	8.8	3.7	6.3	-	16.2	6	-2.8	14	6.7	9.0	98	119	24	12	16	15	0	0	0	0	0	1	6	16	-	0	2.26	181	
Huddersfield Oakes	21-9	232	8.4	3.3	5.9	-0.1	16.8	2	-1.7	14.17	6.3	7.8	119	121	27	12	19	16	3	0	0	2	0	2	7	16	10	3	2.39	143	
Bradford	9 9	134	8.7	3.2	5.9	-0.3	16.4	6	-4.1	14	7.2	9.3	106	119	25	12	18	18	3	0	4	1	0	1	6	13	-	0	2.00	154	
Ilkley	9 9	83	8.7	3.3	6.0	-	15.5	6	-3.0	14.25	-	-	104	107	31	12	20	17	4	0	1	0	0	2	6	12	-	0	2.18	-	
Sheffield	9 9	131	9.1	4.5	6.8	-0.1	16.7	6	-0.7	14	7.0	9.6	85	104	29	12	18	12	1	0	0	0	0	0	1	8	-	0	2.29	162	
Pontefract	9 9	78	8.9	3.3	6.1	-0.4	17.6	6	-2.5	14	-	-	32	54	11	12	11	9	0	0	0	0	0	1	7	-	-	0	-	-	
Bramham	9 9	54	8.9	2.9	5.9	-	16.6	6	-3.4	14	-	-	56	97	23	12	14	13	0	0	0	0	1	0	0	6	17	-	0	-	-
Cawood	9 9	6	9.1	3.1	6.1	-	17.5	2	-3.0	14	6.7	8.7	49	81	22	12	16	10	0	0	0	0	0	2	6	15	-	0	2.15	-	
Askham Bryan	9 9	34	9.1	3.0	6.1	-	16.3	6	-3.1	14	-	-	61	96	23	12	16	10	0	0	0	0	0	0	6	13	-	0	2.21	140	
Derby																															
Buxton	9 9	314	7.3	2.8	5.1	-0.2	14.6	6	-3.8	18	5.7	6.6	171	136	28	12	22	18	5	2	0	1	0	8	8	13	-	0	1.43	139	
Mackworth	9 9	89	(9.5)	(2.6)	(6.1)	-	16.5	6	-3.9	19	-	-	67	-	19	12	18	12	1	0	0	0	0	0	9	-	-	0	-	-	
Ashover	9 9	186	8.6	3.4	6.0	-	15.2	6	-3.0	17	-	-	87	-	25	12	17	11	4	2	0	1	0	1	7	13	-	1	2.50	-	
Derby	9 9	48	10.1	3.6	6.9	-	16.7	6	-2.8	18	-	-	60	88	22	12	17	10	0	0	0	0	0	0	8	13	-	0	2.22	-	
Morley	9 9	107	9.1	2.6	5.9	-	15.7	6	-3.5	18	-	-	62	85	22	9	15	10	0	0	0	0	0	0	6	8	15	-	0	2.46	-
Wingerworth	9 9	126	8.9	3.2	6.1	-	15.9	6	-4.4	18	6.4	-	80	-	23	12	16	10	1	1	0	1	0	1	7	15	13	0	2.29	-	
Nottingham																															
Sutton Bonington	9 9	48	9.5	3.7	6.6	+0.2	15.9	6	-3.3	18	7.6	9.4	47	84	13	12	15	9	0	0	0	0	0	0	7	13	-	0	2.41	145	
Wattall	21-9	117	8.8	3.6	6.2	-0.3	16.7	6	-2.0	14	-	-	60	88	21	12	15	9	5	0	1	0	0	4	6	15	10	0	2.21	131	
Mansfield	9 9	114	-	4.1	-	-	-	-	0.0	15.16.18	7.2	-	67	93	20	12	15	12	0	0	0	0	0	0	0	0	-	0	-	-	
Nottingham	9 9	59	9.8	4.1	6.9	0.0	16.6	6	-2.7	18	6.8	9.1	47	81	17	12	15	5	0	0	0	0	0	0	5	12	-	0	2.35	159	
Warsop	9 9	46	9.2	3.1	6.1	-	16.0	6	-3.7	14	-	-	52	85	16	12	15	10	0	0	0	0	0	3	7	14	-	0	2.52	-	
Finningley	21-9	10	9.6	3.4	6.5	-	16.7	6	-4.6	14	-	-	46	84	15	12	17	10	0	0	0	0	0	1	6	15	11	0	2.50	-	
Leicester																															
Newtown Linford	9 9	119	9.3	3.1	6.2	-	15.5	6	-3.0	18	-	-	52	78	17	12	17	6	0	0	0	0	0	2	6	12	-	0	2.31	-	
Caldecott	9 9	52	9.4	2.8	6.1	-	15.8	6	-4.1	18	-	-	56	96	15	12	12	7	0	1	0	0	0	4	10	11	-	0	2.36	-	
Northampton																															
Bugbrooke Mills	9 9	69	(9.7)	(2.7)	(6.2)	-	15.6	7	-3.4	14	(7.5)	(9.6)	54	90	15	12	13	7	0	0	0	0	0	2	8	-	-	0	2.65	-	
Raunds	9 9	59	9.0	2.9	5.9	-0.4	15.5	6	-2.5	18	7.2	9.9	65	111	16	9	11	7	0	0	0	0	0	1	9	14	-	1	2.36	140	
Wittering	9 9	73	8.9	3.6	6.3	-	15.8	6	-2.3	25	-	-	56	94	15	12	13	7	2	0	0	0	0	1	6	13	10	0	2.65	-	
Warwick																															
Birmingham	9 9	137	9.4	3.1	6.3	-	15.7	6	-2.3	19	-	-	62	79	15	12	16	9	2	1	0	0	0	0	7	-	-	0	-	-	
King Edward School	21-9	163	8.9	4.2	6.5	-0.2	15.5	6	-1.1	18	8.0	-	63	79	14	9	16	8	4	1	0	0	0	0	2	11	10	2	2.76	174	
Luddington	9 9	56	9.6	3.0	6.3	-	16.6	6	-4.1	18	-	-	39	-	10	12	15	7	1	0	0	0	0	2	11	15	-	0	2.33	-	
Stratford-on-Avon	9 9	49	9.8	2.5	6.1	-	16.2	6	-5.5	18	8.5	-	42	72	11	12	15	8	1	0	0	0	0	0	2	11	13	-	0	2.34	-
Shipston-on-Stour	9 9	111	9.3	3.2	6.3	-	17.0	6	-2.5	18	8.1	-	49	72	11	12	16	9	1	1	0	2	0	1	5	18	-	2	2.79	-	
Elmdon	21-9	96	9.3	3.6	6.5	-	15.5	6	-3.8	25	-	-	51	-	15	12	11	7	4	0	0	0	0	7	14	12	2	2.80	-		
Wellesbourne	9 9	47	9.5	3.1	6.3	-	16.6	6	-4.2	18	7.1	9.2	42	68	11	12	13	10	1	0	0	0	0	2	9	14	15	0	2.27	-	
Moreton Morrell	9 9	85	9.6	3.0	6.3	-	17.2	6	-4.2	18	-	-	47	76	11	12	17	9	0	0	1	0	0	2	9	15	-	0	2.41	-	
Rugby	9 9	117	9.0	2.8	5.9	-0.3	15.4	6	-6.3	18	6.8	9.5	51	78	13	12	14	10	0	0	0	0	0	7	9	15	10	0	-	-	
Oxford																															
Brize Norton	21-9	84	9.3	3.5	6.4	-	14.8	6	-3.2	18	-	-	48	-	13	12	14	8	1	0	0	0	0	2	7	13	-	0	-	-	
Oxford	9 9	63	9.5	3.8	6.7	-0.3	15.5	6	-1.7	18	7.4	9.8	66	100	24	19	11	9	1	0	0	0	0	1	7	14	-	0	2.69	131	
Shirburn Model Farm	9 9	108	9.2	2.4	5.8	-	15.1	6	-4.6	18	7.2	-	65	-	15	19	13	10	0	0	0	2	0	1	11	19	-	2	-	-	
Buckingham																															
Medmenham	9 9	30	9.8	1.8	5.8	-	16.6	6	-5.4	15	-	-	70	-	20	12	15	11	0	0	0	0	1	0	13	19	-	0	-	-	
Grendon Underwood	9 9	67	9.5	1.3	5.4	-	15.2	6	-7.5	15	8.3	10.2	66	-	18	19	13	8	0	0	0	0	0	6	11	17	-	0	2.38	-	
Aylesbury	9 9	96	9.5	2.9	6.2	-	15.2	6	-3.2	18	-	-	53	77	13	12	11	8	0	0	0	0	0	6	8	19	-	1	2.16	-	
Stafford																															
Keele	9 9	179	8.5	2.8	5.7	-	16.5	6	-3.5	18																					



Table 3 Summary of daily observations

November 1972

District, county and place	max (terminal h GMT)	min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine						
				means of				highest max and lowest min				30 cm (°C)	100cm (°C)	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 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	grass min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure				
				max (a)	min (b)	daily mean (mean of a & b)	difference from 1931-60 average	max	date	min	date																									
4 MIDLAND COUNTIES—continued																																				
Hereford																																				
Hereford	9 9	52	10.7	2.5	6.6	-	19.5	6	-4.3	15	-	7.9	10.8	52	-	11	12	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.19	-	-
Sewage Works	9 9	155	9.7	3.3	6.5	+0.2	16.0	6	-2.6	18.25	-	-	-	81	92	20	12	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-
Lyonshall	21-9	68	10.2	3.7	6.9	-0.3	17.6	6	-3.8	25	-	7.9	9.9	71	97	29	19	13	10	0	0	0	0	0	0	0	2	6	14	11	0	3.00	164	-		
Preston Wynne	9 9	84	10.0	2.3	6.1	-	17.5	6	-4.8	15.25	-	-	-	60	91	11	12	20	14	0	0	0	0	0	0	0	0	10	14	-	0	2.90	-	-		
Gloucester																																				
Filton	21-9	59	9.7	4.2	6.9	-0.5	14.6	5	-3.3	18.25	-	-	-	80	102	16	12	16	11	0	0	2	0	0	0	0	2	4	11	9	2	2.74	-	-		
Hempsted	9 9	12	10.3	3.6	6.9	-	15.8	6	-4.6	18	-	9.0	11.2	49	68	11	12	11	8	1	0	0	1	1	1	1	8	13	-	1	2.92	-	-			
Gloucester	21-9	24	10.1	4.7	7.4	-	16.0	6	-3.5	18	-	-	-	50	-	11	12	13	8	0	0	0	0	0	1	6	13	8	0	2.84	-	-				
Cheltenham	9 9	65	9.7	3.3	6.5	-0.4	15.2	6	-4.1	18	-	-	-	48	70	10	12	13	9	0	0	0	0	0	0	0	9	-	-	0	2.65	-	-			
Cirencester	9 9	135	9.1	2.5	5.8	-	13.6	6	-3.4	18	-	-	-	67	78	16	12	18	11	0	0	0	0	1	0	3	9	17	-	1	-	-	-			
Little Rissington	21-9	226	8.2	3.2	5.7	-	13.6	6	-1.6	29	-	-	-	58	72	14	12	15	10	5	1	1	0	0	0	5	6	15	11	1	2.93	-	-			
5 ENGLAND SE																																				
Greater London																																				
Kensington Palace	9 9	25	9.8	4.3	7.1	-0.6	16.1	6	-0.5	18.25	8.6	10.7	61	92	15	12	17	12	0	0	0	0	1	1	4	3	17	-	0	-	-	-	-			
Hampstead	9 9	137	(9.0)	3.0	(6.0)	(-0.6)	14.9	6	-2.0	18	-	-	-	63	89	13	12	17	11	0	0	0	0	0	1	2	4	14	-	0	2.51	143	S			
St James Park	9 9	4	10.0	4.5	7.3	-0.7	16.0	6	-1.4	25	-	-	-	54	86	13	12	17	11	0	0	0	0	0	0	0	3	12	-	0	-	-	-			
London Weather Centre	9 9	7	10.0	4.3	7.1	-	15.9	6	-0.8	25	-	-	-	46	76	11	12	15	10	0	0	0	0	0	0	1	3	10	-	0	2.60	188	-			
Greenwich	21-9	25	9.7	3.9	6.8	-0.4	16.5	6	-2.5	18	-	-	-	58	90	16	12	13	11	0	0	0	0	0	0	2	7	11	10	1	2.60	-	-			
Heathrow	9 9	12	9.7	4.0	6.9	-	15.3	6	-0.6	25	-	-	-	51	82	12	12	15	10	0	0	0	0	0	0	4	2	12	-	2	2.47	-	-			
Hampton	9 9	12	9.7	4.0	6.9	-	15.3	6	-0.6	25	-	-	-	51	82	12	12	15	10	0	0	0	0	0	0	4	2	12	-	2	2.47	-	-			
Wealdstone	9 9	67	9.6	3.8	6.7	-	16.0	6	-1.0	15.18, 25	8.8	-	-	80	119	22	12	16	11	0	0	0	0	0	1	0	3	13	-	0	2.79	-	-			
Southgate	9 9	67	9.6	3.8	6.7	-	16.0	6	-1.0	15.18, 25	8.8	-	-	80	119	22	12	16	11	0	0	0	0	0	1	0	3	13	-	0	2.79	-	-			
Kew	21-9	5	9.4	3.5	6.5	-	16.0	6	-2.9	15	8.0	10.0	56	90	14	12	14	10	0	0	0	0	0	0	2	9	14	9	0	2.63	149	-				
psychrometer screen	9 9	59	9.4	4.7	7.1	-0.6	16.2	6	-0.9	15.18	-	-	-	59	77	13	12	14	11	0	0	0	0	0	0	4	-	-	-	0	-	-	-			
Waddon	9 9	59	9.4	3.7	6.5	-0.9	15.5	6	-2.5	25	-	-	-	59	77	13	12	14	11	0	0	0	0	0	0	4	-	-	-	0	-	-	-			
Addington	9 9	144	8.8	3.6	6.2	-0.6	14.6	6	-2.2	18	-	-	-	67	84	16	12	23	11	0	0	0	0	0	0	4	-	-	-	0	-	-	-			
Bromley	9 9	65	9.7	3.9	6.8	-0.5	15.0	6	-3.0	18	-	-	-	48	69	11	12	14	10	0	0	0	0	0	0	1	3	-	-	0	-	-	-			
Surrey																																				
Gatwick	21-9	59	9.7	2.9	6.3	-0.6	14.6	6	-3.7	25	-	-	-	78	89	21	12	19	12	2	0	0	0	0	0	2	11	13	12	1	2.69	-	-			
Wisley	9 9	35	9.5	2.9	6.2	-0.6	15.4	6	-3.5	25	7.1	9.6	62	-	16	12	16	11	0	0	0	0	0	0	7	8	14	-	2	2.42	-	-				
Mickleham	9 9	55	9.5	1.2	5.3	-	15.3	6	-12.1	15	7.6	9.7	74	86	14	13	16	13	0	0	0	0	0	0	3	13	18	-	0	-	-	-	-			
Kent																																				
Hadlow College	9 9	30	9.7	2.3	6.0	-	14.9	6	-3.5	16	8.1	10.2	47	-	12	12	18	10	0	0	0	0	0	0	2	11	15	-	1	2.65	-	-				
Gillingham	9 9	4	10.2	3.8	7.0	-	15.6	6	-1.8	24	-	-	-	46	67	16	12	15	10	0	0	0	0	0	0	6	-	-	0	-	-	-	-			
Peckham	21-9	29	9.4	2.7	6.1	-	14.8	6	-4.2	15	-	-	-	43	-	11	12	16	12	1	0	0	0	0	0	3	15	15	14	0	2.59	-	-			
Dungeness	9 9	3	9.9	4.4	7.1	-1.1	14.3	3	-1.5	15	-	-	-	68	87	12	12	15	12	0	0	0	0	0	1	5	-	-	5	-	-	-	-			
Whitstable	9 9	3	10.1	4.2	7.1	-	15.3	6	-0.2	27	-	-	-	41	62	11	12	16	11	0	0	0	0	0	0	1	1	-	-	2	2.56	-	-			
Folkestone	9 9	31	9.9	3.4	6.7	-	14.0	2.6	-1.6	9	10.1	64	-	13	12	16	13	1	0	0	0	0	0	0	2	4	13	-	9	2.81	-	-				
Elmstone	9 9	5	10.1	3.2	6.7	-	15.2	2	-2.3	16	-	-	-	46	-	11	12	14	12	0	0	0	0	0	0	3	8	14	-	1	-	-	-			
Herne Bay	9 9	31	10.0	3.8	6.9	-	15.0	6	-1.0	15	9.0	-	-	42	-	11	12	13	10	0	0	0	0	0	0	3	1	7	-	0	2.64	-	-			
Dover	9 9	6	10.3	5.1	7.7	-0.6	14.2	2	0.8	18	9.2	11.0	69	74	14	12	17	15	0	0	0	0	0	0	0	0	0	-	2	2.70	-	-	-			
Manston	21-9	44	9.3	4.6	6.9	-	14.7	6	-1.1	15	-	-	-	43	64	7	10, 12	14	9	0	0	0	0	0	0	2	3	11	8	2	-	-	-			
Margate	9 9	16	9.8	5.1	7.5	-0.9	14.8	6	1.6	27	8.3	10.5	46	-	9	12	14	9	0	0	0	0	0	0	2	0	0	-	0	2.28	114	S	-			
Goudhurst	9 9	85	9.2	2.6	5.9	-	13.9	6	-2.1	27	-	-	-	78	78	19	12	17	15	1	0	0	0	0	0	1	10	17	-	1	-	-	-			
East Malling	9 9	37	9.8	3.1	6.5	-0.2	15.0	6	-1.5	9.16	7.2	9.4	47	61	14	12	16	9	0	0	0	0	0	0	3	5	16	-	2	2.67	145	-	-			
Throwley	9 9	150	8.9	3.0	5.9	-	14.0	6	-1.2	15.18	6.9	9.4	61	66	11	12	18	15	1	0	0	0	0	0	2	4	16	-	5	2.57	-	-				
Faversham	9 9	48	9.7	3.6	6.7	-	14.8	6	-0.9	25	7.9	10.0	46	-	14	12	16	9	1	0	0	0	0	0	2	5	15	-	0	2.57	-	-				
Wye	9 9	56	9.4	2.8	6.1	-0.8	14.4	6	-2.2	15	8.3	10.1	58	64	14	12	18	12	0	0	0	0	0	0	3	7	16	-	3	2.46	121	-	-			
Sussex																																				
Thorney Island	21-9	3	10.2	4.5	7.3	-	14.7	12	-2.0	29	-	-	-	75	94	14	12	17	15	1	0	0	0	0	0	0	8	13	10	2	2.77	-	-			
Rogate	9 9	64	10.5	2.5	6.5	-	14.4	2	-3.0	18	8.7	-	-	105	-	25	12	19	15	1	0	0	0	0	0	2	11	21	-	0	-	-	-			
Bognor Regis	9 9	7	10.2	4.6	7.4	-0.7	14.1	2	-1.2	18	-	11.2	87	103	19	12	17	15	1	0	0	0	1	0	1	3	14	-	0	3.11	128	-	-			
Fernhurst	9 9	57	9.9	1.9	5.9	-	14.5	6	-5.1	15	7.6	-	-	91	86	24	12	18	13	1	0	0	0	0	0	0	12	15	-	0	2.53	-	-			
Littlehampton	9 9	5	10.6	3.9	7.3	-0.6	14.4	6	-1.2	27	-	10.8	82	94	17	12	17	16	0	0	0	0	0	0	0	4	-									



Table 3 Summary of daily observations

November 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine		
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1916-50 average	exposure	
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																					
5 ENGLAND SE—continued																															
Hampshire—continued																															
Alice Holt Lodge	9 9	115	9.1	2.8	5.9	-	14.6	6	-3.2	15	-	-	78	86	18	12	18	10	0	0	0	0	0	3	7	14	-	1	2.66	-	-
South Farnborough	9 9	69	9.5	2.8	6.1	-0.8	15.4	6	-3.6	15.25	-	-	62	85	14	12	18	10	0	0	0	0	0	3	10	13	11	0	2.49	130	-
Isle of Wight																															
St Catherine's Point	9 9	16	10.9	5.9	8.4	-0.4	14.6	1	-0.7	18	-	-	133	145	29	17	18	15	1	1	0	0	0	0	1	-	-	5	-	-	-
Ventnor (see Introduction)	9 9	122	10.3	5.5	7.9	-0.9	15.0	2	-0.2	17.25	8.9	11.3	125	124	21	12	19	16	1	2	0	0	0	0	3	7	-	4	3.07	119	-
Shanklin	9 9	55	10.0	4.9	7.5	-	14.0	2.5, 6	-0.5	18.25	-	-	122	110	23	12	17	17	1	0	0	0	0	2	2	-	-	0	2.91	-	-
Sandown	9 9	4	10.7	5.2	8.1	-0.6	14.7	5	-2.0	18	-	-	113	118	30	12	14	13	1	0	0	0	0	0	1	-	-	-	2.87	-	-
Ryde	9 9	4	10.3	4.9	7.6	-0.9	14.4	5	-0.3	27	-	-	107	116	20	12	18	14	1	0	0	0	0	1	1	-	-	1	2.63	115	-
Wiltshire																															
Lacock	9 9	49	9.7	2.0	5.9	-	14.9	6	-5.0	25	-	-	63	81	17	12	14	12	0	0	0	0	0	3	12	19	-	1	-	-	-
Lyneham	21-9	145	8.7	3.4	6.1	-0.5	14.2	6	-3.0	18	-	-	60	80	17	12	15	12	2	0	1	0	1	3	7	14	12	1	2.64	-	-
Larkhill	9 9	132	9.4	2.8	6.1	-0.4	14.8	6	-3.0	18	-	-	95	119	19	12	17	14	1	0	0	0	0	2	10	13	11	0	-	-	-
Boscombe Down	21-9	126	9.2	3.3	6.3	-0.5	14.9	6	-2.8	25	-	-	92	113	16	12	18	14	2	0	0	0	0	4	8	14	12	1	2.62	127	-
Upavon	21-9	176	8.9	3.1	6.0	-	14.1	6	-2.5	18.25	-	-	92	111	16	12	20	15	1	0	1	0	0	3	5	16	11	0	-	-	-
Porton	9 9	111	9.4	2.1	5.7	-0.8	15.0	6	-4.9	18	7.6	-	91	107	17	19	16	14	-	0	-	-	-	3	11	18	14	2	2.58	120	-
7a ENGLAND NW																															
Cumberland																															
Sellafield	9 9	13	9.2	4.0	6.6	-	13.0	2	-3.0	18	-	-	141	126	23	29	25	20	0	0	0	0	0	6	7	11	-	0	1.80	-	-
Bromfield	9 9	20	8.6	2.1	5.3	-	15.0	2	-7.6	14	-	-	129	-	33	29	19	16	0	0	1	0	0	1	10	11	11	1	-	-	-
Carlisle	21-9	26	8.0	2.7	5.3	-	14.8	6	-6.6	18	-	-	92	-	23	9	23	15	2	0	1	0	0	2	10	14	11	0	1.22	-	-
Newton Rigg	9 9	171	7.8	1.8	4.8	-0.8	16.7	6	-6.9	14	5.8	-	162	191	29	9	18	15	2	0	0	0	0	0	9	16	-	0	1.33	84	-
Westmorland																															
Great Dun Fell	21-9	947	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	18	0	2	0	21	-	-	-	18	0.39	-	-	
Moor House	9 9	556	4.2	-0.6	1.8	-	11.7	6	-10.7	18	4.8	-	328	166	53	20	25	22	10	14	3	1	0	7	17	23	-	4	0.94	-	-
Lancashire																															
Squires Gate	21-9	10	9.2	4.5	6.9	-0.5	15.5	6	-4.3	18	-	-	125	145	25	12	24	20	2	0	2	7	0	0	6	10	6	0	1.90	109	-
Aigburth	9 9	14	9.8	4.3	7.1	-	16.4	6	-1.4	18	-	-	104	-	22	12	25	18	2	0	8	0	1	1	4	10	9	0	2.32	-	-
Southport	9 9	5	9.4	3.6	6.5	-	16.6	6	-3.5	18	7.1	10.7	136	154	24	9	24	22	0	0	0	3	0	2	8	11	-	0	2.06	-	-
Cartmel	9 9	34	8.9	1.8	5.3	-	13.0	1	-6.5	17	-	-	180	-	33	9	24	22	1	0	1	0	0	1	12	-	-	0	-	-	-
Grizedale	9 9	91	(8.5)	(1.4)	(4.9)	-	(13.0)	6	-6.4	17	(6.6)	-	351	-	59	9	25	23	2	0	1	3	0	0	14	17	-	1	-	-	-
Speke	21-9	22	9.6	4.3	6.9	-	16.7	6	-2.3	18	-	-	98	130	20	12	24	16	4	0	8	0	0	2	6	8	8	0	2.37	-	-
Kirkham	9 9	24	9.1	3.0	6.1	-	15.5	6	-5.2	18	-	-	137	145	30	9	26	21	1	0	0	0	0	2	9	14	-	0	2.09	-	-
Bailrigg	9 9	53	8.7	3.4	6.1	-	13.8	6	-3.7	19	-	-	154	-	34	9	25	18	1	1	1	0	0	1	7	15	-	0	1.88	-	-
Morecambe	9 9	7	8.8	3.9	6.3	-0.8	13.4	6	-2.6	17	-	-	146	149	21	9	24	19	1	0	3	0	0	0	6	-	-	0	1.98	111	-
Preston	9 9	33	9.1	3.4	6.3	-	15.9	6	-4.4	18	-	-	140	141	31	9	23	20	1	0	2	2	0	3	7	15	-	1	-	-	-
Bolton	9 9	107	8.5	3.0	5.7	-	15.9	6	-3.4	18	7.4	9.0	166	-	33	20	23	20	0	0	1	1	1	6	8	11	-	0	1.86	-	-
Stonyhurst	9 9	115	8.3	2.4	5.3	-1.0	14.5	6	-3.7	18	-	-	219	182	33	12	21	20	0	0	0	0	0	3	10	-	-	0	1.71	107	-
Manchester Weather Centre																															
Helmshore	9 9	260	7.5	2.7	5.1	-	14.3	6	-3.6	18	7.0	-	212	131	35	12	24	20	2	2	4	0	0	7	8	18	-	0	2.07	-	S
Nelson	9 9	165	7.9	2.8	5.3	-	15.1	6	-4.4	18	6.4	8.9	170	146	25	9	24	21	3	0	4	0	2	1	7	14	-	0	1.57	-	-
Rochdale	9 9	110	8.3	3.0	5.7	-	15.4	6	-4.3	18	-	-	176	147	33	12	27	19	1	0	2	0	1	1	10	13	-	0	-	-	-
Cheshire																															
West Kirby Park	9 9	8	10.4	4.5	7.5	-	17.7	6	-2.4	18	-	-	117	156	21	12	24	17	1	0	0	3	1	0	3	9	-	0	2.16	-	-
Ness Gardens	9 9	55	10.0	4.3	7.1	-	17.2	6	-1.1	18	7.5	-	107	-	25	21	21	17	3	0	5	1	3	0	3	20	-	1	2.27	-	-
Winnington	9 9	20	9.9	4.2	7.1	-	17.4	6	-3.5	18	-	-	88	119	20	12	20	17	1	0	0	2	1	1	5	12	-	0	-	-	-
Knutsford	9 9	65	9.2	3.3	6.3	-	17.3	6	-4.5	18	7.4	9.3	104	128	19	12	20	18	0	0	0	1	2	0	7	15	-	0	-	-	-
Ringway	21-9	75	9.0	4.0	6.5	-0.2	16.7	6	-3.7	18	-	-	102	133	20	12	20	17	4	0	1	1	1	1	5	8	8	0	2.28	158	-
Macclesfield	9 9	152	8.7	3.3	6.0	-0.1	16.1	7	-3.8	18	-	-	120	138	20	12	21	19	2	1	1	1	2	2	7	-	-	0	-	-	-
7b NORTH WALES																															
Flint																															
Rhyl	9 9	9	10.3	4.6	7.5	-0.4	17.0	6	-1.5	18.25	-	-	98	151	17	13	22	16	0	0	0	5	1	0	3	10	-	0	1.98	109	-
Prestatyn	9 9	1	10.4	5.1	7.7	-	17.2	6	-0.2	18	-	-	114	162	18	12	24	20	1	0	4	1	1	0	1	-	-	0	1.97	116	-
Hawarden Bridge	9 9	5	10.6	4.2	7.4	+0.1	17.3	2	-7.0	18	-	-	107	153	26	21	22	15	3	0	0	2	0	0	4	-	-	0	-	-	-
Anglesey																															
Valley	21-9	10	10.2	6.2	8.2	-0.5	13.9	5	-1.3	18	-	-	127	140	23	19	25	18	0	0	0	5	2	0	2	6	5	4	2.10	108	-
Denbigh																															
Colwyn Bay	9 9	24	10.2	5.4	7.8	-	17.3	6	1.0	18	8.7	-	130	-	19	19	23	20	0	0	0	3	1	0	0	-	-	0	1.92	112	S
Alwen	9 9	335	7.5	1.4	4.5	-	13.0	5.6	-6.5	25	-	-	172	-	35	9	22	19	0	0	0	0	0	0	11	18	-	0	-	-	-
Ruthin	9 9	76	10.9	2.6	6.7	-	16.2	5	-4.9	20	-	-	76	-	11	20	19	14	0	0	0	0	0	0	10	-	-	0	2.30	-	-
Loggerheads	9 9	210	8.8	2.5	5.7	-	15.2	6	-5.9	18	7.2	8.8	96	-	17	12	22	18	1	3	3	0	0	0	8	13	-	0	2.07	-	S
Bwlchgwyn	9 9	386	7.1	2.0	4.5	-	13.0	6	-4.0	17	6.4	-	120	89	20	12	22	18	5	2	0	0	0	1	8	9	-	0	-	-	-
Wrexham	9 9	88	10.2	3.9	7.1	-	16.9	2	-2.7	18	-	9.8	69	84	16	12	18	12	2	0	0	0	0	0	4	8	-	0	-	-	-
Caernarvon																															
Bardsey Island	21-9	18	10.4	7.8	9.1	-	13.8	5	3.4	25	-	-	99	-	25	19	20	15	0	0	0	0	0	0	0	1	1	4	-	-	-
Botwnnog	9 9	34	10.4	5.0	7.7	-	16.8	5	-1.5	25	9.2	11.0	148	-	38	19	24	17	0	0	0	4	3	0	2	12	-	6	2.34	-	-
Pen-y-Ffridd	9 9	84	9.7	4.0	6.9	-	17.6	6	-1.9	25	-	-	196	154	37	9	27	20	0	0	0	6</									



Table 3 Summary of daily observations

November 1972

District, county and place	max terminal h (GMT) min. of observation	height of station (metres) above MSL	air temperature in °C										mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max (a)	min (b)			max	date	min	date					0.2 mm or more	1.0 mm or more																
8a SOUTH WALES—continued																																
Cardigan—continued																																
Llety-eyan-hen	9 9	290	8.0	4.0	6.0	-	13.7	6	-1.5	24	-	-	146	100	30	9	24	21	0	0	0	3	0	3	4	9	-	0	1.40	85	-	-
Cwmystwyth	9 9	301	8.3	2.5	5.4	-	13.4	5	-5.1	18.25	-	-	237	-	43	9	26	22	0	0	0	2	0	0	10	12	-	0	1.08	-	-	S
Pembroke																																
Dale Fort	9 9	33	11.1	6.9	9.0	-	14.4	2	2.5	25	8.5	-	192	-	46	10	20	17	1	0	0	0	1	1	0	3	-	7	2.62	-	-	-
Milford Haven	21-9	37	10.6	6.7	8.7	-	14.0	1	0.5	25	-	-	126	-	23	12	22	17	0	0	0	0	0	1	0	4	4	0	-	-	-	-
Conservancy Board	9 9	61	-	-	-	-	-	-	-	-	-	-	129	-	26	12	17	14	0	0	1	0	0	1	0	1	-	1	-	-	-	-
Orielton	9 9	8	10.7	3.4	7.1	-	14.5	2	-4.8	14	-	-	149	-	31	12	21	15	0	0	1	3	0	0	9	-	0	2.19	-	-	S	-
Haverfordwest																																
Carmarthen																																
Carmarthen	9 9	15	10.3	2.6	6.5	-	14.0	1	-5.0	15.25	8.8	10.6	184	120	36	12	21	15	0	0	0	0	0	1	11	17	-	6	2.55	-	-	-
Esgairwen-Uchaf	9 9	332	7.9	3.3	5.6	-	12.5	6	-2.3	18	-	-	172	-	27	12	24	18	4	0	7	1	0	4	6	13	-	5	-	-	-	-
Brynamman	21-9	183	9.3	3.6	6.5	-	13.7	2	-2.3	25	-	-	192	-	38	12	23	18	2	0	2	0	1	2	5	12	-	0	-	-	-	-
Radnor																																
Cenarth Mill	21-9	282	8.2	2.5	5.3	-	15.3	6	-6.8	18	-	-	171	-	32	12	21	17	0	0	0	0	0	0	9	14	-	0	-	-	-	-
Llandrindod Wells	9 9	235	8.8	2.1	5.5	-0.5	13.4	1	-6.2	18	8.0	-	125	111	27	12	23	18	5	0	0	0	0	0	11	-	-	0	1.97	135	S	-
Brecknock																																
Llwynon	9 9	242	9.0	1.9	5.5	-	13.0	5.6	-4.5	25	-	-	180	-	42	12	22	16	5	0	0	1	0	5	12	-	0	2.04	-	-	S	-
Glamorgan																																
Mumbles	21-9	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Penmaen	9 9	82	10.3	4.8	7.5	-	13.8	7	-1.3	25	8.8	10.3	184	-	41	6	22	17	0	0	0	4	1	2	2	8	7	6	2.61	-	-	-
Swansea	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Port Talbot	9 9	7	11.0	4.7	7.9	-	15.6	2	-2.8	25	-	-	159	134	35	6	20	13	0	0	2	0	1	0	4	9	-	0	2.86	-	-	-
Neath	9 9	62	10.8	4.4	7.6	-	14.0	12	-2.0	25	-	-	192	140	44	12	24	13	0	0	0	0	0	1	5	13	-	1	-	-	-	-
Porthcawl	9 9	6	10.7	4.8	7.7	-	14.0	5	-2.6	25	-	-	137	133	28	6	19	15	0	0	0	0	0	1	4	-	-	1	2.78	-	-	S
Rhose	21-9	67	9.9	4.3	7.1	-	13.7	6.12	-4.1	25	-	-	130	126	21	12	20	15	0	0	3	0	2	2	5	10	10	2	2.60	129	-	-
Cardiff	9 9	62	10.1	4.2	7.1	-0.5	13.9	5	-1.6	25	9.0	11.0	134	119	31	12	19	16	0	0	0	0	0	2	3	9	-	1	2.29	-	-	S
Monmouth																																
Tredeggar	9 9	313	8.2	2.1	5.1	-	13.0	5.6	-4.0	25	-	-	173	95	34	12	18	14	2	0	0	1	0	5	9	19	-	2	2.26	-	-	-
Newport	9 9	23	10.4	3.1	6.7	-0.6	14.9	5	-2.3	25	-	-	123	117	33	12	15	12	0	0	0	0	0	0	7	16	-	2	2.79	-	-	-
Usk	9 9	21	10.4	(1.3)	(5.9)	-	17.0	6	-6.0	18	(8.1)	-	122	121	52	32	13	13	0	0	0	0	0	4	11	(20)	-	0	(2.41)	-	-	-
Crumbland	9 9	245	8.6	3.4	6.0	-	14.8	6	-1.5	18.25	7.4	9.2	125	116	31	19	15	13	0	0	0	0	0	5	4	11	-	1	3.02	-	-	-
8b ENGLAND SW																																
Somerset																																
Hawkridge	9 9	314	8.5	2.5	5.5	-	13.4	6	-6.6	19	-	-	206	118	50	12	24	20	2	0	0	6	0	5	6	19	-	0	2.66	-	-	-
Nettlecombe	9 9	96	10.5	3.4	6.9	-	15.6	6	-4.1	25	8.1	-	135	-	32	12	17	16	0	0	0	1	0	0	6	13	-	0	-	-	-	-
Cannington	9 9	23	10.6	4.2	7.4	-	16.0	6	-1.5	18	8.7	-	97	120	12	12	20	15	0	0	0	1	0	2	2	15	-	0	2.84	139	-	-
Cricket Malherbie	9 9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cheddar	9 9	11	1.8	(3.1)	7.5	-	15.4	2	-3.0	20	8.9	-	116	-	15	10	21	17	0	0	0	0	0	0	2	-	2	-	-	-	-	-
Yeovilton	21-9	18	10.3	2.8	6.5	-	16.7	6	-6.6	18	-	-	96	-	15	19	21	15	1	0	1	0	4	9	10	13	1	-	-	-	-	-
Rodney Stoke	9 9	40	10.2	2.9	6.5	-	15.1	6	-3.2	25	9.2	11.0	126	-	20	20	20	18	0	0	0	0	0	2	7	14	-	0	-	-	-	-
Long Ashton	9 9	49	10.1	3.6	6.9	-0.4	14.3	7	-3.0	25.26	7.9	-	112	121	19	12	18	15	1	0	0	1	0	7	16	-	0	2.36	130	-	-	
West Camel	9 9	27	10.5	1.9	6.2	-	16.3	6	-6.3	18	-	-	85	-	13	19	20	16	0	0	2	0	1	2	12	14	-	0	-	-	-	-
Downside Abbey	9 9	183	9.2	3.2	6.2	-	14.1	6	-2.7	25	-	-	157	-	29	12	18	15	0	0	0	0	0	2	4	-	0	-	-	-	-	-
Wincanton	9 9	114	9.5	2.9	6.2	-	15.2	6	-3.4	25	-	-	106	-	14	12	19	16	2	0	0	0	0	2	7	11	-	1	-	-	-	-
Bath	9 9	118	9.6	4.1	6.9	-	14.6	6	-1.5	25	8.6	-	86	106	17	12	17	15	0	0	0	1	0	2	2	-	0	-	-	-	-	S
Dorset																																
Portland Bill	21-9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coastguard	9 9	23	10.7	4.4	7.5	-1.4	14.8	6	1.0	25	-	-	116	-	25	19	18	13	1	1	0	0	0	1	2	-	0	2.76	-	-	-	-
Weymouth	9 9	26	10.5	3.1	6.8	-	15.1	5	-3.6	15	-	-	125	-	25	18	15	13	1	2	0	0	0	2	9	15	-	0	-	-	-	-
Winfrith	9 9	207	8.7	3.1	5.9	-0.8	13.9	6	-2.3	25	-	-	97	103	15	12	25	15	2	0	0	0	0	5	6	-	0	-	-	-	-	-
Shaftesbury	9 9	11	10.7	4.7	7.7	-	14.9	6	-1.0	15.18	-	11.7	106	114	18	12	18	14	1	0	0	0	0	0	2	6	-	1	2.67	119	-	-
Swanage	9 9	8	10.5	2.8	6.7	-	15.2	6	-3.2	18	9.2	10.9	91	95	17	12	18	12	1	1	0	0	0	1	9	13	-	0	2.85	124	-	-
Poole																																
Devon																																
Virginstow	9 9	168	10.3	4.1	7.2	-	15.2	5	-3.0	25	-	-	143	-	18	12	26	21	1	0	0	0	0	2	3	8	-	2	-	-	-	-
Hartland Point	21-9	91	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mount Batten	21-9	27	10.9	5.2	8.1	-0.9	14.6	1	-2.4	25	-	-	132	116	25	15	20	14	1	0	1	0	1	1	3	9	7	6	2.61	118	-	-
Plymouth Hoe	9 9	36	11.0	4.3	7.7	-1.1	14.8	1	-2.7	25	9.6	11.2	108	95	25	15	21	14	0	0	0	1	1	1	3	14	-	0	2.77	124	-	-
Tavistock	9 9	139	10.8																													



Table 3 Summary of daily observations

November 1972

District, county and place	max terminal h (GMT) min (of observation)	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average amount	most in a day		precip- itation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)		max.	date	min.	date					0.2 mm or more	1.0 mm or more																	
NORTHERN IRELAND																																
Londonderry																																
Coolkeeragh	9 9	3	9.4	3.1	6.3	-	15.4	6	-1.9	18	-	-	-	-	-	-	27	23	12	6	1	1	1	2	10	20	-	-	-	-		
Loughmore Forest	9 9	174	7.8	1.9	4.9	-	14.6	6	-5.4	18	-	-	154	-	19	20	27	21	7	5	0	0	0	2	7	16	-	-	-	-		
Banagher Caugh Hill	9 9	216	7.4	2.4	4.9	-	14.5	5	-2.0	17	-	-	156	-	19	18	27	21	7	5	0	0	0	2	7	16	-	-	-	-		
Derrynoyd Forest	9 9	88	-	-	-	-	-	-	-	-	-	-	115	-	15	12	26	21	-	-	-	-	-	-	-	-	-	-	-	-		
Somerset Forest	9 9	43	9.4	3.1	6.3	-	16.1	5	-1.9	18	-	-	99	-	12	12	23	20	0	-	0	0	0	0	6	13	-	-	-	-		
Coleraine University	9 9	23	9.2	3.0	6.1	-	16.8	6	-2.6	18	7.9	9.9	117	-	14	15	26	21	10	1	9	0	1	1	6	13	-	-	-	-		
Garvagh Forest	9 9	88	8.3	2.2	5.3	-	15.8	6	-2.1	25	6.5	9.1	139	-	16	18	26	21	7	1	0	0	0	0	8	15	-	-	-	-		
Moneydig	21-9	34	8.7	2.6	5.7	-0.8	15.9	6	-3.2	18	8.3	-	96	89	14	12	25	18	6	1	5	2	0	2	7	19	10	0	-	-		
Trad Point	9 9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Antrim																																
Ballymoney	9 9	55	9.1	2.6	5.9	-	14.9	2	-2.6	18	-	-	87	-	13	16	23	20	8	2	0	1	0	0	8	-	-	-	-	-	-	
Lisnafillan	9 9	38	9.0	1.8	5.4	-	15.5	6	-4.5	18	-	-	93	-	14	12,18	25	19	4	0	0	2	0	0	9	17	-	-	-	-	-	
Aldergrove	21-9	68	8.0	2.9	5.5	-1.1	14.2	6	-4.5	17	7.5	10.2	68	75	15	12	25	14	2	0	0	1	0	1	7	14	11	0	1.93	109	-	
Greenmount	9 9	32	8.6	2.9	5.7	-	14.2	6	-4.5	17	7.5	-	70	-	15	12	22	14	0	0	0	0	0	-	6	14	-	-	-	-	-	
Altnahinch	9 9	226	7.0	1.9	4.5	-	13.6	5	-3.0	18	-	-	159	-	15	12	28	24	9	6	0	2	2	3	7	17	-	-	-	-	-	
Parkmore Forest	9 9	235	7.0	1.7	4.3	-	13.1	6	-3.5	25	6.5	-	219	134	22	12	24	23	9	6	2	0	0	2	5	16	-	-	-	-	-	
Black Mountain	21-9	295	6.6	1.7	4.1	-	13.6	6	-3.4	17	-	-	102	-	21	12	23	18	3	0	1	0	0	8	8	-	-	-	-	-	-	
Lowtown	9 9	271	6.7	1.8	4.3	-	12.6	5.6	-3.4	17	6.5	-	138	-	23	12	25	22	3	3	1	0	0	2	7	21	-	-	-	-	-	
Ballypatrick Forest	9 9	152	7.8	2.7	5.3	-	14.8	6	-2.0	18	-	-	213	166	30	20	24	22	3	3	6	0	0	0	5	14	-	-	-	-	-	
Belfast Malone	9 9	35	8.9	2.2	5.5	-	16.2	6	-3.4	18	7.4	-	83	-	19	18	25	14	1	-	0	0	0	1	8	20	-	-	-	-	-	
Newtownabbey	9 9	32	9.0	4.1	6.5	-	16.0	6	-1.5	18	7.7	-	99	-	22	18	19	16	4	1	1	0	0	1	4	10	-	-	-	-	-	
Woodburn North	9 9	217	7.1	2.0	4.5	-	13.4	6	-2.5	17	-	-	137	114	32	18	26	19	1	1	0	3	0	5	7	17	-	-	-	-	-	
Larne	9 9	43	9.1	3.2	6.1	-	15.1	6	-2.0	18	-	-	119	106	25	18	26	21	3	3	0	0	0	0	5	-	-	-	-	-	-	
Kilroot	9 9	22	9.1	3.4	6.3	-	15.6	6	-2.6	18	-	-	87	-	19	18	23	14	0	0	0	0	0	0	5	9	-	-	-	-	-	
Ballylumford	9 9	24	9.3	4.2	6.7	-	14.7	2	-1.0	16	-	-	118	-	43	18	21	16	-	-	-	-	-	1	8	-	-	-	-	-	-	
Down																																
Hillsborough	9 9	116	8.0	2.7	5.3	-1.1	14.1	6	-3.4	17	7.6	9.6	82	97	17	12	18	13	1	0	1	0	0	0	7	14	-	-	-	-	-	
Kilkeel	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rosetta	9 9	24	9.0	2.7	5.9	-	16.5	6	-3.0	18	-	-	78	-	21	18	20	13	-	0	-	-	-	0	8	-	-	-	-	-	-	
Murlough	9 9	9	9.6	3.6	6.6	-	16.7	6	-3.2	18	6.6	8.7	113	-	37	18	17	12	1	0	0	0	0	0	5	10	-	-	-	-	-	
Belfast Rosebank	9 9	47	9.4	3.4	6.4	-	16.0	5	-3.0	19	-	-	80	-	23	18	19	12	-	0	-	-	-	-	6	-	-	-	-	-	-	
Stormont Castle	9 9	56	9.2	3.2	6.2	-	15.4	5	-1.5	17	6.8	9.3	84	96	23	18	21	13	1	0	1	2	0	2	4	19	-	-	-	-	-	
Downpatrick	9 9	26	9.3	3.0	6.1	-	16.0	6	-4.6	25	-	-	93	-	28	18	13	10	-	-	-	-	-	-	7	12	-	-	-	-	-	
Creightons Green	9 9	119	8.6	3.2	5.9	-	14.3	6	-1.6	17	-	-	78	-	19	18	22	12	4	0	0	2	0	0	4	8	-	-	-	-	-	
Cross Island	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helens Bay	9 9	43	8.6	3.9	6.3	-	15.1	6	-0.3	18	-	-	86	-	25	18	21	14	1	0	0	1	0	1	3	12	-	-	-	-	-	
Killough	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ballywalter Park	-	11	-	-	-	-	-	-	-	-	-	-	114	134	32	19	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	
Armagh																																
Armagh	9 9	62	8.3	2.3	5.3	-1.5	14.2	5.6	-4.9	17	8.2	10.4	83	112	21	12	20	15	2	0	0	0	0	0	10	21	-	-	-	-	-	
Loughgall	9 9	25	8.7	2.6	5.7	-	14.4	5.6	-4.1	17	-	-	74	108	19	12	18	13	3	0	0	0	0	0	9	19	-	-	-	-	-	
Tandragee	9 9	43	9.3	3.4	6.3	-	15.2	2	-4.7	17	-	-	71	-	14	12	18	14	-	-	-	-	-	-	5	-	-	-	-	-	-	
Bessbrook	-	76	-	-	-	-	-	-	-	-	-	-	106	113	18	12	21	14	1	0	0	0	0	-	-	-	-	-	-	-	-	
Portadown	9 9	16	9.0	3.0	6.0	-	15.0	5.6	-4.3	17	7.9	10.0	72	-	20	12	17	15	0	-	0	0	0	-	8	12	-	-	-	-	-	
Lurgan	9 9	55	8.6	2.8	5.7	-	14.7	6	-3.7	18	7.5	10.1	62	-	20	12	18	12	-	-	-	-	-	8	14	-	-	-	-	-	-	
Tyrone																																
Lough Bradan	9 9	169	7.8	1.8	4.8	-	13.3	6	-3.5	17	-	-	165	-	21	9	26	23	-	2	-	-	-	0	8	17	-	-	-	-	-	
Baronscourt Forest	9 9	88	8.4	2.2	5.3	-	14.4	2	-4.0	18	7.3	9.6	133	-	13	8	25	19	6	0	0	0	0	0	6	20	-	-	-	-	-	
Strabane Convent	9 9	44	9.1	2.8	5.9	-	15.5	6	-3.2	18	-	-	135	-	14	12	24	22	4	1	1	0	0	0	5	21	-	-	-	-	-	
Carrigans	21-9	113	8.0	2.8	5.4	-	14.5	2	-4.6	18	-	-	141	-	15	9	25	20	6	1	1	4	0	1	7	18	9	0	1.19	-	-	
Lislap Forest	9 9	209	7.5	1.6	4.5	-	13.5	6	-4.9	17	7.2	-	134	104	19	12	26	21	5	0	0	0	0	0	10	21	-	-	-	-	-	
Knockmany Forest	9 9	73	8.7	1.6	5.1	-	16.4	2	-6.1	18	-	-	109	111	16	12	25	18	3	1	0	0	0	1	8	19	-	-	-	-	-	
Pomeroy Forest	9 9	165	7.8	2.0	4.9	-	14.2	6	-3.6	17	7.1	-	110	-	16	12	25	19	6	3	1	0	0	0	9	20	-	-	-	-	-	
Cookstown	9 9	77	8.3	2.5	5.4	-	14.6	6	-3.4	18	6.5	-	84	90	17	12	23	15	6	-	0	0	0	0	6	17	-	-	-	-	-	
Fermanagh																																
Roscor	9 9	143	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lough Navar Forest	9 9	148	8.4	0.5	4.5	-	13.6	6	-5.7	17	-	-	194	-	21	9	26	24	2	0	2	0	0	0	14	19	-	-	-	-	-	-
Castle Archdale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Forest	9 9	66	8.8	2.7	5.7	-	14.1	5.6	-3.6	18	7.3	9.2	134	130	17	12	25	21	1	0												



Table 4 Summary of observations at fixed hours

November 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility								wind speed and direction															
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						sky obscured	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	NE	E	SE	S	SW	W	NW
								mean	0	1-2	3-5	6-7	8												8 or more	6-7	4-5	1-3	calm								
number of observations																																					
0 SCOTLAND N																																					
Lerwick, Zetland 83	3	1001.2	-	5.1			5.5	0	5	8	5	12	0	0	0	0	0	0	0	0	2	6	14	8	0	4	1	1	1	2	8	11	2	4			
	9	1000.4	-7.0	5.3			6.5	0	2	5	13	10	0	0	0	0	0	0	0	2	6	14	8	0	4	1	1	1	2	8	11	2	4				
	15	999.6	-	5.9	1.3	7.7	81	6.4	0	1	5	17	6	0	0	0	0	0	0	2	6	14	8	0	4	1	1	1	2	8	11	2	4				
	21	1000.5	-	5.4				5.8	0	5	5	13	7	0	0	0	0	0	0	2	6	14	8	0	4	1	1	1	2	8	11	2	4				
Kirkwall, Orkney 26	3	1003.2	-	5.5	0.9	7.9	86	6.2	0	4	6	6	14	0	0	0	0	0	0	2	9	18	3	0	4	0	1	1	1	8	8	6	2				
	9	1002.5	-5.1	5.9	0.9	8.1	86	6.1	0	3	6	6	13	8	0	0	0	0	0	4	5	18	3	0	4	0	1	1	1	8	7	0	0				
	15	1002.2	-	6.4	1.1	8.1	82	5.9	0	3	6	6	13	8	0	0	0	0	0	4	5	18	3	0	4	0	1	1	1	8	7	0	0				
	21	1002.9	-	5.6	1.0	7.9	85	5.8	0	4	6	6	12	6	0	0	0	0	0	7	20	3	0	5	20	5	0	1	2	4	7	12	1				
Wick, Caithness 37	3	1004.1	-	4.7	0.9	7.4	86	5.4	0	6	5	15	4	0	0	0	0	0	0	2	3	18	7	0	0	1	0	1	1	2	10	10	5				
	9	1003.4	-4.7	5.2	0.9	7.8	86	6.3	0	1	6	18	5	0	0	0	0	0	0	3	16	10	0	2	2	0	2	0	3	7	10	5					
	15	1003.3	-	6.1	1.2	7.8	81	5.9	0	4	2	23	1	0	0	0	0	0	0	2	3	13	12	1	0	3	1	0	2	4	13	3					
	21	1004.0	-	4.6	1.0	7.3	84	5.2	0	6	8	11	5	0	0	0	0	0	0	3	2	16	9	0	0	2	0	2	2	11	11	3					
Cape Wrath, Sutherland (see Introduction) 113	3	1002.7	-	6.2	0.9	8.4	88	5.5	0	6	6	11	7	0	0	0	0	0	0	2	6	22	2	5	11	12	0	2	1	2	13	5	5				
	9	1002.2	-	6.5	0.8	8.6	87	6.4	0	1	7	11	10	1	0	0	0	0	0	2	3	7	17	1	4	14	11	0	4	0	1	3	12	5	4		
	15	1002.4	-	6.6	1.0	8.4	85	6.2	0	0	8	16	6	0	0	0	0	0	0	2	1	10	17	1	6	12	10	1	3	1	1	15	2	5			
	21	1002.9	-	6.1	1.1	7.9	84	5.5	0	2	11	10	7	0	0	0	0	0	1	6	21	1	5	11	13	0	3	1	2	0	1	15	3	5			
Stornoway, Ross & Cromarty 5	3	1005.3	-	5.3	0.6	8.2	90	5.4	0	6	7	7	10	0	0	0	0	0	0	11	12	6	1	1	8	13	6	2	0	1	9	5	8				
	9	1004.5	-3.2	5.8	0.7	8.4	89	5.9	0	4	5	15	6	0	0	0	0	0	2	6	8	11	3	1	7	15	6	1	1	0	2	10	8	5			
	15	1004.9	-	6.2	1.0	8.2	85	6.0	0	4	5	15	6	0	0	0	0	0	0	8	13	7	2	1	5	16	7	1	3	0	1	0	3	9	5		
	21	1005.2	-	4.9	0.7	7.8	88	4.7	0	8	8	8	6	0	0	0	0	0	1	5	11	12	1	2	4	13	10	1	1	0	2	10	10	3			
Benbecula, Inverness-shire 7	3	1006.2	-	6.1	0.9	8.3	86	5.1	0	7	9	6	8	0	0	0	0	0	1	3	7	9	10	1	10	7	12	0	4	2	4	6	6	4			
	9	1005.7	-2.1	6.5	0.9	8.5	85	6.3	0	1	6	17	6	0	0	0	0	0	1	2	3	7	7	10	2	7	10	1	5	1	0	2	1	6	4		
	15	1006.1	-	7.0	1.4	8.0	80	5.4	0	5	9	10	6	0	0	0	0	0	1	2	8	11	8	2	6	15	5	2	3	0	1	2	5	9	8		
	21	1006.3	-	6.3	1.2	7.9	81	5.5	0	4	8	11	7	0	0	0	0	0	1	5	15	8	1	5	17	4	3	5	1	0	2	6	8	4			
1 SCOTLAND E																																					
Kinloss, Moray 6	3	1005.9	-	5.0	1.1	7.4	83	5.8	0	4	6	11	9	0	0	0	0	0	0	2	3	6	6	13	0	4	16	10	0	1	2	0	0	14	8	3	
	9	1005.4	-3.4	5.6	1.2	7.7	83	6.5	0	1	5	18	6	0	0	0	0	0	0	1	6	8	15	0	3	17	9	1	0	1	0	0	3	13	10	2	
	15	1005.2	-	6.7	1.6	7.7	77	6.1	0	2	6	19	3	0	0	0	0	0	0	1	0	7	11	11	0	3	19	8	0	1	1	0	1	16	7	3	
	21	1005.8	-	4.9	1.2	7.2	82	5.5	0	4	8	13	5	0	0	0	0	0	1	0	1	6	12	10	0	3	15	12	0	1	0	3	13	10	2		
Dyce, Aberdeenshire 59	3	1006.2	-	3.8	0.9	7.0	85	5.2	4	3	5	10	8	0	0	0	0	0	2	1	6	11	10	0	5	12	8	5	0	1	0	1	7	11	4		
	9	1005.8	-3.7	4.7	1.0	7.3	84	5.4	0	4	3	8	15	3	0	0	0	0	1	0	3	4	8	14	1	2	19	6	2	2	1	0	4	5	13	3	
	15	1005.4	-	6.8	1.6	7.9	77	6.2	0	4	1	22	3	0	0	0	0	0	1	5	4	10	10	0	2	19	7	2	3	0	1	1	3	9	6	5	
	21	1005.9	-	4.0	0.9	7.0	84	4.2	5	6	6	10	3	0	0	0	0	0	0	6	6	7	11	0	5	11	12	2	2	0	0	2	3	5	11	5	
Fraserburgh, Aberdeenshire 22	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Usan, Angus 35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	12	3	1007.8	-	3.9	0.8	7.1	85	4.1	6	8	1	7	8	0	0	0	0	0	1	7	15	7	0	0	18	11	1	0	0	1	1	18	8	0		
Leuchars, Fife 12	9	1007.6	-2.3	4.3	0.7	7.6	88	5.3	0	6	4	18	2	0	0	0	0	0	1	8	10	10	0	2	12	15	1	0	0	1	2	22	3	1			
	15	1006.8	-	7.2	1.5	8.2	78	5.8	0	3	6	19	2	0	0	0	0	0	1	8	8	12	0	4	15	9	2	1	0	2	0	17	4	4			
	21	1007.3	-	4.6	0.9	7.4	84	4.5	1	10	6	7	6	0	0	0	0	0	1	11	11	7	0	0	16	14	0	1	0	0	2	0	19	6	2		
	Turnhouse, Midlothian 44	3	1008.9	-	3.9	0.8	7.1	85	4.4	4	8	3	9	6	0	0	0	0	0	1	4	12	11	2	0	1	14	12	3	0	0	1	2	13	11	0	
9		1008.7	-1.7	4.5	0.8	7.6	86	6.0	0	2	5	20	3	0	0	0	0	0	1	8	14	6	1	0	1	14	13	2	0	1	0	14	10	2			
15		1007.9	-	7.4	1.7	8.1	76	6.2	0	3	2	19	6	0	0	0	0	0	0	4	19	5	2	0	3	14	13	0	1	1	0	10	12	4			
21		1008.5	-	4.6	1.0	7.4	84	4.9	3	6	6	7	8	0	0	0	0	0	5	20	4	1	0	1	16	10	3	1	0	1							



Table 4 Summary of observations at fixed hours

November 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility								wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																											
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																													
								mean	0	1-2	3-5	6-7												8	8 or more	6-7	4-5	1-3									calm																																																																																																																																																																																																																																																																																																																																																																												
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																																						number of observations																																																																																																																																																																																																																																																																																																																																																																											
6a	SCOTLAND W—continued Eskdalemuir, Dumfriesshire 237	3 9 15 21	1010.5 1010.4 1009.2 1009.7	- -0.6 - -	2.0 2.6 5.0 3.3	0.5 0.6 1.1 0.7	6.7 7.0 7.7 7.2	91 90 85 89	4.7 5.9 6.2 5.1	8 0 0 2	3 5 4 8	2 4 4 3	5 5 8 3	11 12 11 12	1 1 0 1	0 0 0 0	1 0 1 1	0 0 0 0	0 0 0 1	3 3 2 5	3 2 4 8	5 7 7 7	8 11 6 6	7 11 5 7	3 2 5 1	0 0 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1 1 0	0 1







Table 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						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	NE	E	SE	S	SW	W	NW						
								mean	0	1-2	3-5	6-7	8											sky obscured	8 or more	6-7	4-5	1-3	calm														
																																						speed (kt)					
																																						number of observations					
5 ENGLAND SE—continued																																											
Dungeness, Kent	3	1014.9	-	-	-	-	-	5.3	6	2	4	3	14	1	0	0	0	0	0	0	7	7	7	8	3	4	8	14	1	3	1	0	0	0	2	4	11	5					
	9	1015.9	-	6.7	0.5	9.4	92	5.8	1	5	4	7	13	0	0	0	0	0	0	0	10	10	10	10	1	4	10	12	2	2	0	0	0	0	4	11	4						
	15	1015.3	-	-	-	-	-	6.1	1	3	4	9	13	0	0	0	0	0	0	0	3	3	6	6	0	5	10	16	0	0	0	0	0	0	2	6	15	2					
	21	1015.2	-	-	-	-	-	4.7	7	2	6	3	10	2	0	0	0	0	0	0	2	3	5	10	1	5	8	15	1	2	0	0	0	0	2	8	13	4					
Manston, Kent	45	1015.0	-	6.1	0.7	8.6	89	5.5	2	3	8	7	9	1	0	2	1	1	1	2	6	5	4	8	1	3	11	14	1	2	0	0	0	0	4	11	8	4					
	9	1015.8	-	6.4	0.7	8.8	89	5.9	0	7	1	10	10	2	0	0	0	0	0	1	3	9	5	5	0	0	3	12	15	0	2	0	0	0	0	4	12	10	2				
	15	1015.3	-	8.3	1.4	9.1	81	5.9	0	5	4	13	8	0	0	0	0	0	0	2	3	6	7	9	0	0	13	15	2	2	0	0	0	0	1	12	8	5					
	21	1015.1	-	6.2	0.6	8.8	89	5.1	4	7	0	5	12	2	0	0	0	0	0	1	2	7	6	10	2	0	13	17	0	0	0	0	1	3	15	9	2						
Thorney Island, Sussex	4	1015.7	-	6.6	0.7	9.0	89	4.9	5	7	1	3	13	1	0	1	1	0	2	0	7	11	8	0	6	5	14	5	2	3	0	0	0	3	5	8	4						
	9	1016.6	+2.2	6.5	0.6	9.1	92	5.7	1	6	3	9	11	0	0	0	0	0	0	1	10	8	4	3	0	5	22	1	4	1	0	1	1	4	14	4	4						
	15	1015.9	-	9.2	1.6	9.4	79	5.5	0	0	2	10	10	0	0	0	0	0	0	1	7	9	11	2	0	11	16	0	3	1	0	1	1	6	14	4	4						
	21	1015.9	-	7.2	0.9	9.2	88	4.8	5	6	3	3	13	0	0	0	0	0	3	1	10	11	5	0	1	2	10	16	1	3	1	0	0	1	8	12	4						
Eastbourne Coastguard, Sussex	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Abingdon, Berkshire	71	1014.7	-	5.0	0.6	8.2	91	4.8	8	3	3	2	11	3	0	2	0	3	1	1	6	12	2	3	0	7	20	3	3	0	0	2	6	8	6	2							
	9	1015.6	+1.6	5.2	0.7	8.2	90	5.6	1	6	5	6	11	1	0	1	0	1	2	2	5	11	9	0	0	6	21	3	0	0	1	1	3	14	3	4							
	15	1014.7	-	8.3	1.6	8.8	78	5.9	0	0	12	10	8	0	0	0	0	0	0	0	10	9	9	0	0	0	21	0	1	0	0	0	0	3	13	7	3						
	21	1014.5	-	5.8	0.7	8.5	88	4.7	5	6	3	2	13	1	0	2	0	1	0	0	9	9	9	0	0	9	19	2	1	0	0	0	1	3	13	7	3						
Hurn, Hampshire	14	1015.9	-	5.5	0.7	8.5	91	4.8	7	5	1	3	13	1	0	0	2	0	2	2	9	8	7	0	0	6	17	5	4	0	0	1	1	8	8	3							
	9	1016.9	+2.7	5.1	0.5	8.4	91	5.7	1	6	3	9	10	1	0	1	0	0	0	3	12	1	0	0	0	4	20	0	4	0	1	0	0	1	6	9	5						
	15	1016.0	-	9.0	1.6	9.2	78	5.8	0	5	5	10	10	0	0	0	0	1	0	4	7	5	13	0	0	11	19	0	4	0	0	0	2	6	12	3							
	21	1016.0	-	6.3	0.8	8.7	87	4.8	5	6	3	1	13	2	0	2	0	1	0	0	8	11	3	0	0	8	15	6	1	0	0	0	4	12	6	1							
South Farnborough, Hampshire	70	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	9	1016.3	+2.0	5.4	0.5	8.5	92	5.4	2	7	2	7	10	2	0	1	1	1	0	2	7	5	6	7	0	5	21	4	0	0	1	0	2	11	8	4							
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Lyneham, Wiltshire	149	1015.3	-	5.3	0.6	8.3	90	5.4	2	5	5	5	10	3	0	4	0	1	1	2	4	9	8	1	0	2	6	21	1	4	0	0	0	4	13	5	3						
	9	1016.3	+2.4	5.0	0.5	8.2	91	5.6	1	6	4	10	7	2	0	2	1	0	3	1	5	6	8	4	0	0	4	26	0	2	0	0	0	2	18	4	2						
	15	1015.2	-	7.6	1.4	8.6	80	6.0	0	1	1	7	11	0	0	0	0	1	1	1	10	9	5	0	0	12	17	1	2	0	0	0	0	4	12	7	4						
	21	1015.2	-	5.8	0.7	8.5	89	5.4	1	8	3	4	12	2	0	2	0	2	0	2	5	10	9	0	0	2	18	1	1	0	0	0	0	4	18	3	3						
Boscombe Down, Wiltshire	128	1015.7	-	4.7	0.4	8.3	93	4.6	6	5	3	3	10	3	0	3	1	0	0	3	8	10	5	0	0	3	8	14	5	3	0	0	1	2	8	7	4						
	9	1016.7	+2.4	4.8	0.4	8.3	93	5.9	1	4	5	7	12	1	0	0	0	0	0	3	6	10	5	0	0	0	7	20	3	0	0	1	0	2	5	13	2						
	15	1015.6	-	7.8	1.2	8.9	82	6.2	0	2	9	6	13	0	0	0	0	1	0	0	6	10	0	0	0	0	14	22	2	2	0	0	1	2	6	13	4						
	21	1015.7	-	5.5	0.6	8.6	92	5.5	3	5	3	5	11	3	1	1	0	0	4	6	16	0	0	0	2	9	16	3	3	0	0	1	1	6	12	4							
Upavon, Wiltshire	177	1016.7	-	4.3	0.2	8.3	96	5.7	1	8	0	9	10	2	0	2	1	0	1	4	8	10	2	2	0	4	15	11	1	0	0	0	3	6	5	3							
	9	1015.6	-	7.7	1.2	8.9	83	6.1	0	3	5	12	9	1	0	1	0	0	0	0	12	2	2	0	0	4	19	3	3	0	0	0	3	7	11	4							
	15	1015.7	-	5.2	0.5	8.5	93	5.3	5	4	3	4	13	1	0	2	0	2	1	0	5	17	2	1	0	6	15	8	3	0	0	0	2	7	8	2							
7a ENGLAND NW																																											
Carlisle, Cumberland	28	1010.7	-	4.4	0.7	7.8	89	5.3	1	5	7	6	11	0	0	0	0	0	0	3	8	13	5	1	0	1	6	17	6	0	1	0	3	2	11	7	0						
	9	1010.8	-0.5	4.7	0.7	8.0	88	6.4	0	1	6	13	10	0	0	0	0	2	1	16	4	4	0	0	0	13	12	5	0	0	0	2	1	12	8	0							
	15	1009.7	-	7.1	1.2	8.6	83	6.5	0	2	3	14	11	0	0	0	0	0	0	2	4	15	6	3	0	1	12	14	3	0	0	1	2	1	10	1	0						
	21	1009.8	-	5.4	0.8	8.1	88	4.9	2	7	6	6	9	0	0	0	0	0	0	2	11	11	5	0	0	2	10	15	3	1	1	3	1	13	6	1							
Squires Gate, Lancashire	11	1012.3	-	6.4	0.8	8.7	87	5.7	2	3	6	8	11	0	0	0	1	0	0	3	3	13	8	2	0	3	13	14	0	5	0	2	3	4	9	4	4						
	9	1012.7	+0.8	6.7	0.9	8.8	87	6.3	0	3	4	13	10	0	0	0	0	0	0	2	6	2	1																				



Table 4 Summary of observations at fixed hours

November 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	visibility							beaufort force																		
								mean	0	1-2	3-5	6-7		8	0-99 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	8 or more 22-33	speed (kt)			N	NE	E	SE	S	SW	W	NW			
																										6-7	4-5	1-3									calm		
																																						number of observations	
8a SOUTH WALES—continued																																							
Rhoose, Glamorgan	3	1015.1	-	6.4	0.7	8.8	89	5.5	3	6	0	9	12	0	0	0	0	0	1	1	3	6	8	9	2	0	1	11	16	22	1	3	1	1	2	4	12	4	
69	9	1016.0	+2.1	6.4	0.9	8.6	86	5.4	0	8	4	10	8	0	0	0	0	1	0	0	1	3	9	14	12	0	0	1	9	18	22	1	3	1	1	2	4	14	0
	15	1014.8	-	8.5	1.5	9.0	79	5.8	0	3	10	6	10	1	0	0	0	1	0	0	1	5	10	10	0	0	1	16	12	17	22	1	3	1	1	2	4	15	2
	21	1014.9	-	6.7	0.8	8.9	87	5.6	1	7	3	5	13	1	0	1	0	0	2	1	5	10	11	0	0	3	7	17	22	1	3	1	1	2	4	13	2		
8b ENGLAND SW																																							
Yeovilton, Somerset	3	1016.9	-	5.6	0.8	8.4	89	5.8	4	1	4	6	13	2	0	2	0	1	0	5	15	6	1	0	0	4	4	9	13	1	0	1	1	3	6	4	2		
23	9	1016.7	-	5.5	0.7	8.4	89	5.7	1	4	6	12	6	1	0	1	0	1	0	5	15	6	1	0	0	4	4	9	13	1	0	1	1	3	6	4	2		
	15	1015.6	-	9.0	1.7	9.1	77	6.4	0	1	8	6	15	0	0	0	0	0	3	1	10	12	4	0	0	0	12	17	1	2	1	0	1	4	10	8	3		
	21	1015.8	-	6.5	1.0	8.6	85	5.2	5	2	6	6	9	2	0	2	0	0	1	4	11	12	0	0	0	2	8	11	9	0	0	2	2	12	3	2	2		
Portland Bill Coastguard, Dorset	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
54	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hartland Point, Devon	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
93	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mount Batten, Devon	3	1016.3	-	7.2	0.7	9.3	89	5.9	4	1	5	4	15	1	0	0	1	0	0	3	11	12	2	1	1	4	5	17	3	2	3	3	1	1	4	10	3		
30	9	1017.2	+3.2	7.3	1.0	9.1	66	5.5	0	7	4	11	8	0	0	0	0	1	0	2	9	11	6	1	0	1	10	15	4	4	3	2	0	1	5	10	1		
	15	1016.3	-	9.9	1.7	9.6	77	6.0	0	4	4	12	10	0	0	0	1	0	1	2	10	4	7	5	1	5	9	14	1	5	0	0	1	1	12	9	1		
	21	1016.5	-	8.1	1.0	9.4	85	5.0	6	5	0	6	13	0	0	0	0	0	1	4	10	12	3	0	2	4	6	12	6	2	3	1	0	2	7	8	1		
Chivenor, Devon	3	1015.7	-	7.5	0.9	9.2	86	5.8	1	2	9	6	11	1	0	1	1	0	1	0	6	4	14	3	0	3	9	14	4	3	1	1	5	1	4	5	3	4	
7	9	1016.6	+3.1	7.6	1.2	9.0	84	6.1	0	2	8	11	8	1	0	1	0	1	1	3	3	13	7	0	2	11	15	2	2	1	1	8	2	4	1	8	3		
	15	1015.5	-	9.6	1.6	9.5	78	6.3	0	1	9	10	10	0	0	0	0	0	1	0	5	5	12	7	0	2	16	10	2	4	0	2	0	2	6	11	3		
	21	1015.5	-	8.1	1.2	9.3	84	5.9	0	4	6	6	14	0	0	0	0	0	1	2	7	5	13	2	0	2	8	19	1	4	0	7	1	3	4	5	5		
Prawle Point, Devon	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Exeter, Devon	3	1016.1	-	5.7	0.5	8.8	92	5.3	4	3	5	6	12	0	0	1	2	1	0	0	5	8	8	5	0	1	6	18	5	2	2	1	1	9	4	2	4		
38	9	1017.1	+3.1	5.6	0.6	8.7	92	5.4	1	7	3	10	7	2	0	2	0	0	0	0	5	5	10	8	0	0	3	18	9	0	4	0	3	5	4	0	6		
	15	1015.9	-	9.1	1.5	9.5	80	6.0	0	6	3	11	10	0	0	0	0	0	1	1	5	7	4	12	0	1	12	17	0	1	2	0	1	5	10	1	4		
	21	1016.1	-	6.6	0.8	8.9	88	5.2	4	4	5	3	12	2	1	1	0	0	1	1	5	11	11	0	0	2	7	16	5	0	1	2	0	9	5	6	4		
Scilly, Cornwall	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
61	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Gwennap Head, Cornwall	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
70	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
St Mawgan, Cornwall	3	1016.6	-	7.9	1.0	9.4	86	5.7	2	2	8	6	11	1	0	1	2	1	0	3	5	5	11	2	0	6	12	7	5	3	0	2	1	2	6	8	3		
107	9	1017.7	+4.2	7.8	1.1	9.2	85	6.3	0	2	3	20	4	1	0	1	2	0	0	4	13	13	0	0	1	11	18	0	2	0	0	2	5	4	15	2			
	15	1016.6	-	9.5	1.7	9.4	77	6.6	0	0	6	16	8	0	0	0	0	0	2	4	7	10	6	0	5	14	10	1	3	2	0	0	3	8	8	5			
	21	1016.8	-	8.1	1.0	9.5	86	6.5	0	1	5	10	13	1	0	1	0	1	1	2	7	7	9	2	1	3	14	10	2	6	0	2	0	4	6	8	2		
NORTHERN IRELAND																																							
Moneydig, Co. Londonderry	3	1010.4	-	5.1	0.5	8.4	92	6.0	0	2	7	12	9	0	0	0	0	0	2	0	5	10	11	0	0	1	9	18	2	0	0	0	7	7	9	2			
35	9	1009.4	-	7.7	1.0	9.1	85	6.2	0	1	7	15	7	0	0	0	0	0	0	4	13	13	0	0	1	11	18	0	2	0	0	2	5	4	15	2			
	15	1009.8	-	5.5	0.6	8.4	91	5.7	0	5	6	11	8	0	0	0	0	0	0	1	8	12	9	0	0	1	10	19	0	3									



**Table 5 Number of days with maximum and minimum temperatures between given limits**
**November 1972**

Station	maximum °C								Station	maximum °C								minimum °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	-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 (psychrometer)	0	6	21	3	0	0	0	0	0	0	4	17	8	1	0	0	0	0	0	2	19	6	3	0	
Lerwick (large screen)	0	6	21	3	0	0	0	0	0	0	3	18	9	0	0	0	0	0	0	8	11	8	3	0	
Stornoway	0	5	17	8	0	0	0	0	0	0	7	14	9	0	0	0	0	0	0	4	13	10	3	0	
Craibstone	0	5	19	3	3	0	0	0	0	0	0	10	18	2	0	0	0	0	0	1	16	10	3	0	
Rothsay	0	5	19	6	0	0	0	0	0	0	7	16	7	0	0	0	0	0	0	5	12	10	3	0	
Abbotsinch	0	5	15	10	0	0	0	0	0	2	8	12	8	0	0	0	0	0	0	10	14	5	1	0	
Eskdalemuir (psychrometer)	0	14	11	5	0	0	0	0	1	3	10	11	4	1	0	0	0	0	0	3	13	13	1	0	
Eskdalemuir (large screen)	0	13	11	6	0	0	0	0	0	4	9	12	5	0	0	0	0	0	0	2	8	16	4	0	
Douglas	0	0	21	9	0	0	0	0	0	0	2	14	12	2	0	0	0	0	0	4	16	7	3	0	
Acklington	0	6	15	7	2	0	0	0	0	0	6	18	4	2	0	0	0	0	0	2	15	9	4	0	
Gorleston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cambridge Botanic Gardens	0	1	16	12	1	0	0	0	0	0	7	16	5	2	0	0	0	0	0	7	15	7	1	0	
Edgbaston	0	4	17	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	19	6	3	0	
Kew (psychrometer)	0	3	15	11	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	13	10	3	0	
Kew (north-wall screen)	0	3	16	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	13	10	3	0	
Hastings	0	2	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	10	3	0	
Southampton	0	1	12	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12	10	3	0	
Stonyhurst	0	4	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	14	5	1	0	
Rhyl	0	0	16	11	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	13	13	1	0	
Valley	0	0	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	8	16	4	0	
Rhoose	0	1	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	16	7	3	0	
Falmouth	0	0	10	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	15	9	4	0	
Aldergrove	0	2	23	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	15	7	1	0	
Armagh	0	5	18	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	14	5	1	0	

**Table 6 Summary of autographic records of wind**

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities								
		above MSL	above ground	effective height	34 kt or more (gale force)					22-33 kt						highest hourly wind				highest gust				
					dates of occurrence	duration (hours)	no. of days	Duration in hours					year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time						
								less than 4 kt.	no record															
0 SCOTLAND N																								
Zetland	Lerwick	93	10	10	1,9,10	15	21	208	342	138	17	0	17.3	230	42	10	14	230	64	10	0915			
Orkney	Kirkwall	41	15	10	1,9,10,18,19	24	23	183	431	73	9	0	18.2	240	48	10	16	230	74	10	1235			
Caithness	Dounreay	34	12	9																				
	Wick	45	10	10		0	10	61	431	219	9	0	13.4	250	31	10	15	260	49	10	1720			
Sutherland	Shin	24	10	10																				
Ross & Cromarty	Stornoway Airport	12	10	10	1,9,10,18,19	13	18	155	329	178	45	0	15.6	190	45	9	09	220	66	9	0825			
Inverness	Duirinish	38	20	17	1,2,9,10,27,28	31	17	158	239	181	61	50	15.5	Defective record										
	Benbecula	16	10	10	9,10,28	29	19	187	313	158	33	0	16.9	270	40	28	15	200	65	9	0825			
	Corpach	23	15	12		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Fort Augustus																							
	(Hydro-electric Board)	58	16	16		0	2	3	163	250	304	0	6.1	200	25	18	22	230	46	9	2225			
	Dalcross	19	10	10		0	13	59	369	250	42	0	12.4	200	30	1	06	160	52	18	2330			
	Cairngorm	1075	10	10	1-3,5,6,8,9,10,18,19,22,25,27-29	148	22	194	201	102	16	59	23.4	Defective record										
1 SCOTLAND E																								
Moray	Kinloss	18	13	13	1,23	2	15	83	385	236	14	0	13.7	240	35	1	10	240	52	1	0945			
	Lossiemouth	31	24	18	Defective record																			
Aberdeen	Dyce	72	10	10	9	1	15	83	391	168	77	0	13.3	190	34	9	10	180	55	18	2355			
	Fraserburgh	29	13	11	11,22,23	17	21	203	366	113	0	21	17.9	290	44	22	24	280	56	22	2335			
Angus	Bell Rock	39	40	38	1,9,10,18,19,23,28,29	60	27	311	294	54	1	0	22.0	160	46	19	03	180	63	19	0340			
Perth	Rannoch	307	17	17		0	3	16	308	202	162	32	9.8	270	25	9	12	300	39	9	2240			
	Tummel Bridge	161	16	16		0	0	0	114	279	268	59	5.6	260	18	28	18	170	39	9	0855			
Fife	Leuchars	25	13	13		0	9	47	324	326	23	0	11.8	200	30	9	11	200	45	9	1105			
Midlothian	Turnhouse	43	13	10		0	7	29	349	260	82	0	11.0	210	29	9	11	210	50	9	1135			
6a SCOTLAND W																								
Argyll	Tiree	24	16	12	9,18	11	16	210	284	184	31	0	16.3	200	42	9	08	200	52	9	0740			
	Machrihanish	23	13	13	9,18	5	4	156	299	178	82	0	14.5	200	38	9	09	200	58	9	0855			
	Dunstaffnage	13	10	10		0	5	25	300	241	154	0	9.6	260	28	28	19	260	49	10	1305			
Dunbarton	Cumbernauld	166	10	10																				
Renfrew	Paisley	57	25	9		0	2	11	220	283	206	0	7.9	200	32	9	11	190	57	9	1010			
	Abbotsinch	16	10	10		0	6	39	257	255	169	0	9.7	210	31	9	12	230	54	9	1205			
Ayr	Ardrossan	24	20	10	9	2	16	135	342	185	56	0	14.0	210	34	9	10	270	53	10	0635			
	Hunterston	13	10	10		0	6	9	237	253	221	0	8.0	200	24	9	11	270	29	1	1225			
	Prestwick	21	10	10		0	6	42	308	216	154	0	10.3	210	29	9	12	220	56	9	1220			
Dumfries	Eskdalemuir	259	10	10	9	1	8	42	278	251	148	0	10.2	210	35	9	09	200	55	9	1105			
Wigtown	West Freugh	25	10	10		0	7	42	335	234	109	0	11.3	220	32	9	11	220	53	9	1045			
6b ISLE OF MAN																								
	Ronaldsway	25	10	10	9	8	14	146	300	236	30	0	14.4	200	42	9	12	200	61	9	0955			
	Point of Ayre	20	10	10	9	4	16	191	347	151	27	0	16.1	230	35	9	15	230	55	9	1405			
2 ENGLAND NE																								
Durham	Durham	119	16	10	Defective record																			
	South Shields	22	17	13		0	9	33	309	313	65	0	10.6	340	28	23	20	340	42	23	2005			
Yorks N.R.	Leeming	42	10	10		0	5	16	286	327	91	0	9.9	200	28	9	15	200	49	9	1350			
	Middlesbrough	23	19	19	13	1	9	39	419	224	26	11	12.8	350	35	13	01	150	53	19	0700			
Lincoln	Waddington	80	10	10		0	6	19	324	361	16	0	10.9	210	24	10	01	210	46	10	0025			
	Cranwell	68	13	13		0	13	70	447	196	7	0	14.0	210	32	9	24	210	46	9	2350			
	Coningsby	16	10	10		0	5	16	319	349	36	0	10.6	310	29	13	02	320	44	13	0120			
	Binbrook	118	10	10		0	12	89	416	203	12	0	14.1	330	33	13	02	330	52	13	0130			
	Manby	26	10	10		0	6	17	377	312	14	0	11.6	320	31	13	02	320	51	13	0115			
3 ENGLAND E																								
Norfolk	Marham	29	10	10		0	6	17	308	344	51	0	10.4	280	32	13	02	270	52	13	0115			
	West Raynham	93	16	14		0	8	48	421	248	3	0	13.2	280	31	13	02	310	50	13	0220			
	Coltishall	27	10	10		0	2	10	277	400	33	0	10.2	310	32	13	03	280	63	13	0140			
	Gorleston	16	13	13		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Suffolk	Honington	60	13	13		0	2	9	294	393	24	0	10.0	270	31	13	03	270	53	13	0155			
	Wattisham	104	16	10	13	2	6	25	338	339	16	0	11.4	310	38	13	03	300	62	13	0155			







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THE METEOROLOGICAL OFFICE

**MONTHLY WEATHER REPORT**

COMPILED FROM RETURNS OF OFFICIAL METEOROLOGICAL STATIONS



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**DECEMBER 1972**

VOLUME 89

NUMBER 12

**Stormy at first; quieter weather later with some fog.**

A succession of depressions and troughs of low pressure affected the British Isles throughout the first two weeks. Subsequently most areas came under the influence of an extensive anticyclone over Europe. During the last week mobile troughs again affected Northern Ireland and Scotland.

**Weather**

During the first two weeks there were frequent gales in most areas. Showers and outbreaks of rain were heavy locally and snow fell at times, mostly on high ground. Hail and thunder were often reported. Later it was mostly dry and much less windy except in the west and north, and fog formed frequently in eastern areas.

**Wind**

In many districts gales were reported on more days than average for December and most of these occurred during the first half of the month. Gales were severe at times especially in the west and north. On the 4th gusts exceeding 60 kt were measured in places on the south coast of England: Plymouth (Mount Batten) reported 65 kt. On one or two days mean speeds of 50 kt or more with gusts to over 80 kt were reported from a few stations in northern England and in Scotland. Hunterston (Ayrshire) reported a gust of 88 kt on the 5th, and on the same day on Cairngorm (1075 m) there was a mean speed of 75 kt and a gust of 110 kt. On the 13th Lossiemouth (Moray) reported a gust of 82 kt. For the rest of the month winds were mainly light or moderate but fresh to strong at times in the west and north with local gales mostly during the last week.

**Temperature**

In spite of some cold days, chiefly in foggy areas in the east, mean temperatures were near or a little above average except in southern England where they exceeded the average by 1 to 2 degC. Frost, which was occasionally moderate or severe, occurred frequently in parts of Northern Ireland and in eastern areas of England and Scotland. On the night of 8th/9th Inverurie Sewage Works (Aberdeenshire) recorded a minimum temperature of  $-11.5^{\circ}\text{C}$  while at Braemar (Aberdeenshire) (339 m) the temperature fell to  $-16.6^{\circ}\text{C}$ . Day maxima often exceeded  $10^{\circ}\text{C}$  in England and Wales. A maximum of  $15.5^{\circ}\text{C}$  at Sidmouth (Devon) on the 13th was the highest December temperature recorded there since 1931. Scotland and Northern Ireland also had their share of mild days. Under the influence of a warm, south-easterly föhn-type wind blowing across northern Scotland on the 17th and 18th, night and day temperatures remained high and a maximum of  $17.7^{\circ}\text{C}$  was measured at Cape Wrath, the highest December temperature there since records began in 1940.

**Rainfall (including melted snow)**

Except in a few areas in the west and south, rainfall was below average in Northern Ireland. Northern and eastern districts of Great Britain were rather dry: less than a quarter of the average rainfall was received in parts of north-east Scotland and north-east England. In most western and southern districts, however, rainfall was near or above the average. Places in the western and central Grampians had over twice their average with some totals exceeding 800 mm. Areas in the Cotswolds and in the Mendip hills of southern England also received over twice their average rainfall. For the first half of the month squally showers and periods of rain, heavy at times, affected most places. On several days floods were reported in southern England and road and rail transport was disrupted temporarily. Snow fell, mainly on high ground, and hail showers and thunderstorms were reported from widely separated areas. In Glasgow on the 3rd there was a short period of freezing rain and on the 9th, during a thunderstorm at Bognor Regis (Sussex), hail was reported to have carpeted the ground to a depth of 2 to 3 inches. Stations on Dartmoor and in the Lake District reported some heavy falls: at Metherall (Devon) 98.2 mm of rain fell in the 24 hours beginning 09 GMT on the 5th, and on the 11th, 99.0 mm were measured at Honister Pass (Cumberland). On the 11th also, several stations in Scotland had 'daily' falls exceeding 50 mm. During the rest of the month most of the rainfall occurred in the west and north. On the 27th Spelga Dam (Co. Down) recorded a 'daily' fall of 51.8 mm.

**Snow**

Snow or sleet (snow with rain or drizzle)

fell on fewer days than average except in a few places in western Scotland. As well as the snowfall on high ground some places at lower altitudes especially in Scotland also had snow. Heavy falls with drifting occurred in the mountains of Scotland and northern England during the second week and several stations in Scotland reported undrifted depths of 20 cm or more. On the 8th, Moor House (Westmorland) recorded an undrifted depth of 11 cm. Except on the higher peaks, however, the snow did not lie for very long. During the latter half of the month snowfall was generally sparse.

**Sunshine**

Over most of the United Kingdom, sunshine was very variable. The sunniest areas were in north-east Scotland and in east and south-east England with some places recording over twice their average for the month. Gordon Castle (Moray) with 73.8 hours had its sunniest December since records began in 1908.

**Fog**

There was little fog before the 7th. Thereafter it was often reported from some part of central and southern Scotland and north-east and east England and occasionally from Northern Ireland. Patches of freezing fog occurred at times. In other areas there were patches of hill fog. The 17th to 19th was a particularly foggy period with dense and persistent patches in East Anglia and south-east England disrupting road, rail, and air traffic. The same areas were again badly affected during another period which started on the 29th.

**Miscellaneous Phenomena**

The aurora was observed in Scotland on 19 nights.

**Table 1 District values****December 1972**

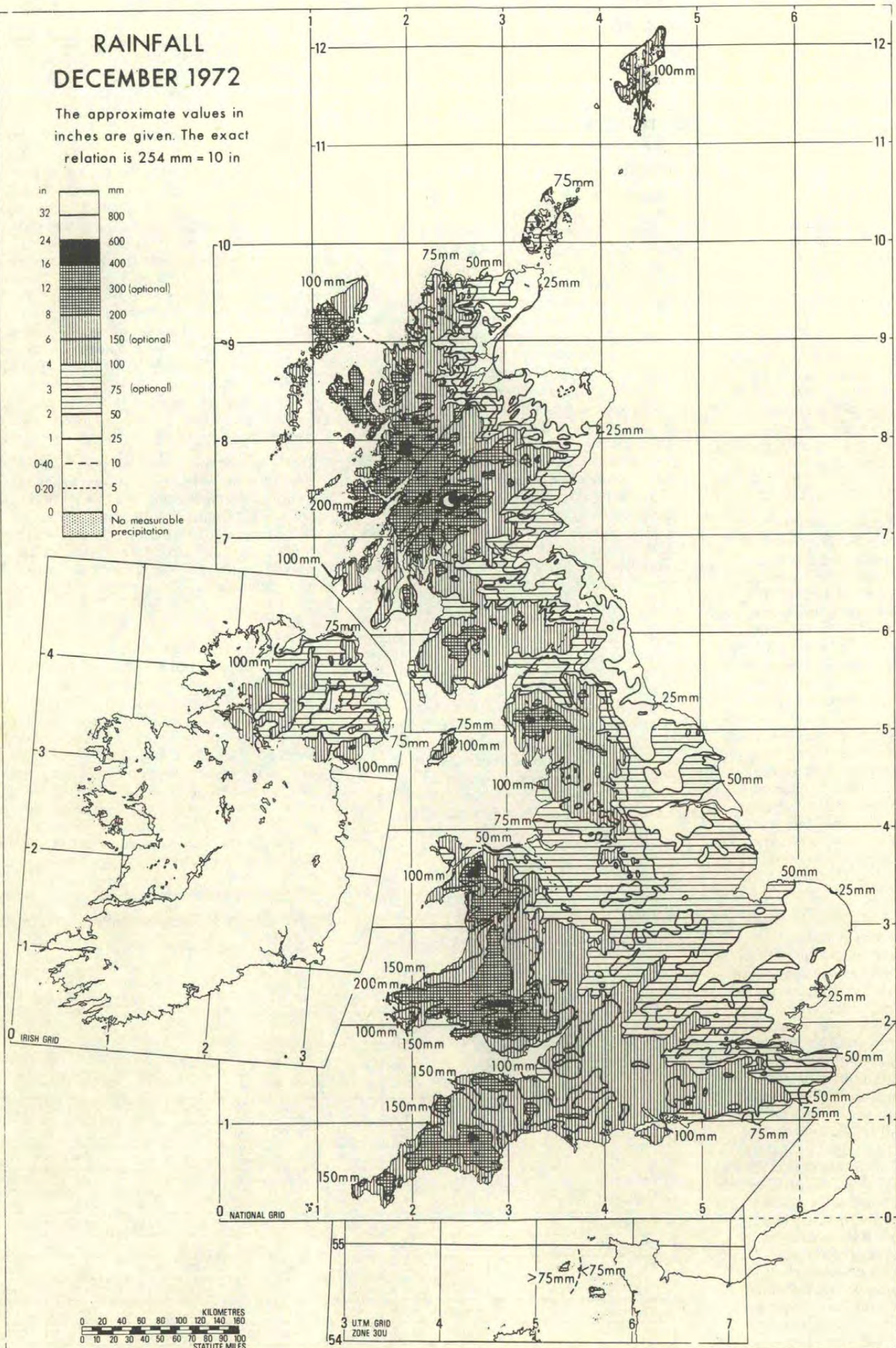
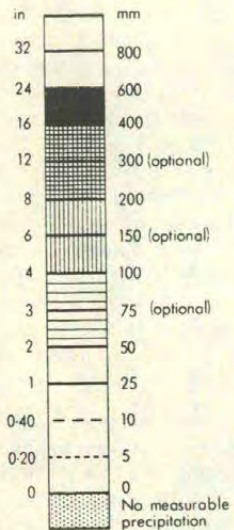
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. †	Min. †	difference from average						
0 Scotland N	13.5	-4.9	+0.9	+0.5	+0.7	-	-2	92	109
1 Scotland E	13.7	-5.0	+0.7	+0.4	+0.5	+0.1	-3	71	121
2 England N E	13.8	-3.4	+0.5	+0.2	+0.3	+0.8	-4	87	76
3 England E	14.5	-5.0	+1.4	+1.0	+1.2	+1.2	+3	84	134
4 Midland Counties	15.0	-3.8	+0.9	+0.7	+0.8	+0.8	0	134	92
5 England S E	14.0	-7.4	+1.4	+1.4	+1.4	+0.5	-1	129	124
6 Scotland W	12.8	-5.5	+1.0	+0.8	+0.9	+0.4	+1	98	74
7 Eng N W - Wales N	15.6	-3.7	+1.2	+0.9	+1.1	+0.8	-3	105	115
8 Eng S W - Wales S	13.7	-3.0	+0.9	+1.0	+0.9	+0.7	+1	153	100
N Ireland	13.5	-7.5	+1.3	+0.1	+0.7	-	-1	86	111
Scotland	13.7	-5.5	+0.9	+0.6	+0.7	-	-1	87	101
England & Wales	15.6	-7.4	+1.0	+0.9	+1.0	-	-1	115	107

† Highest max. and lowest min. of the District Value Stations



# RAINFALL DECEMBER 1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in





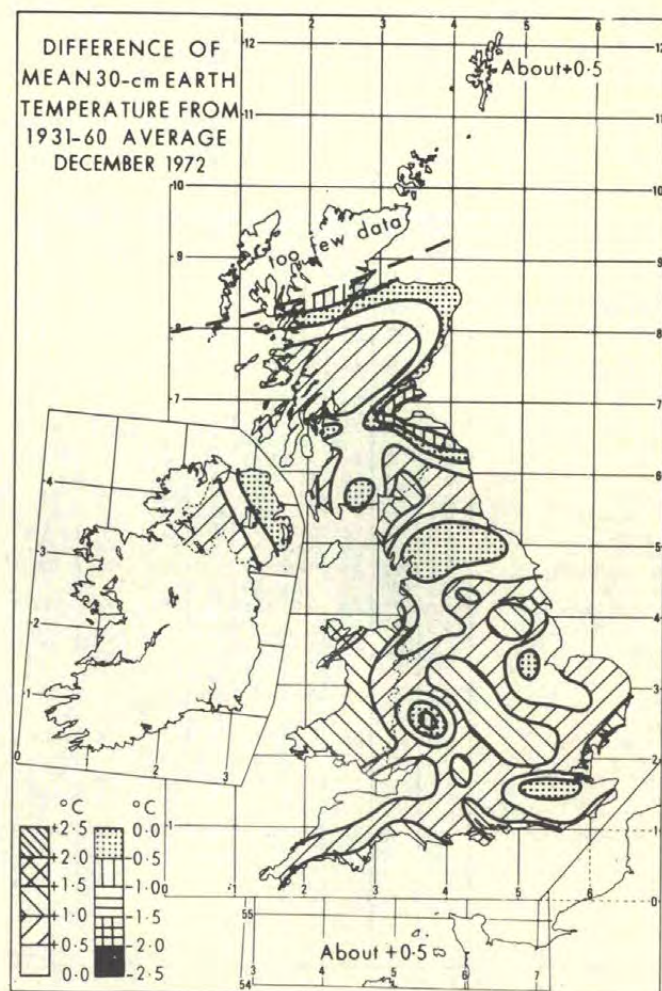
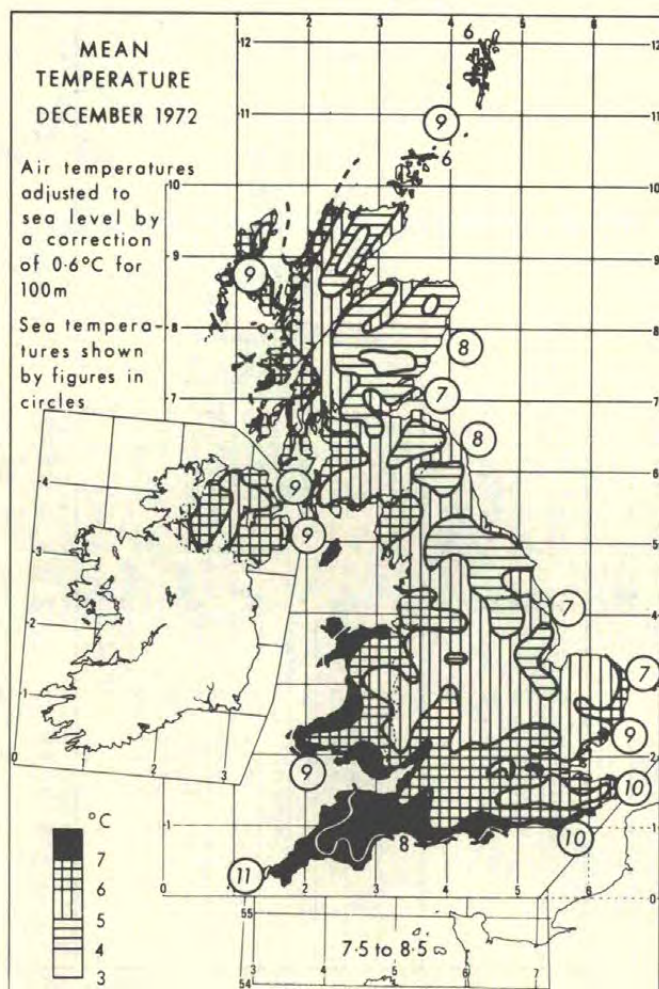
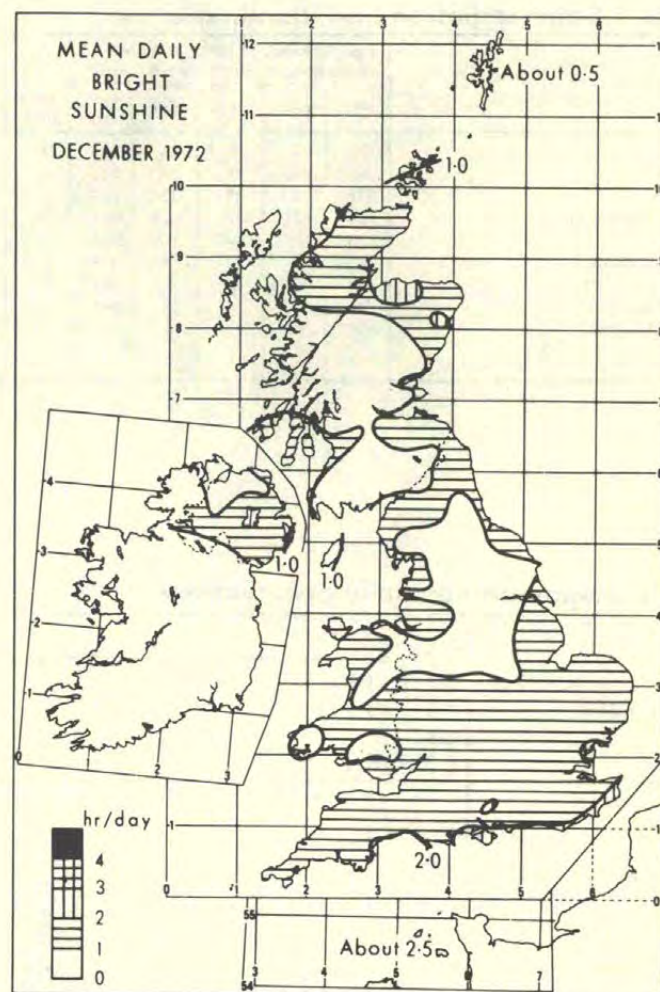
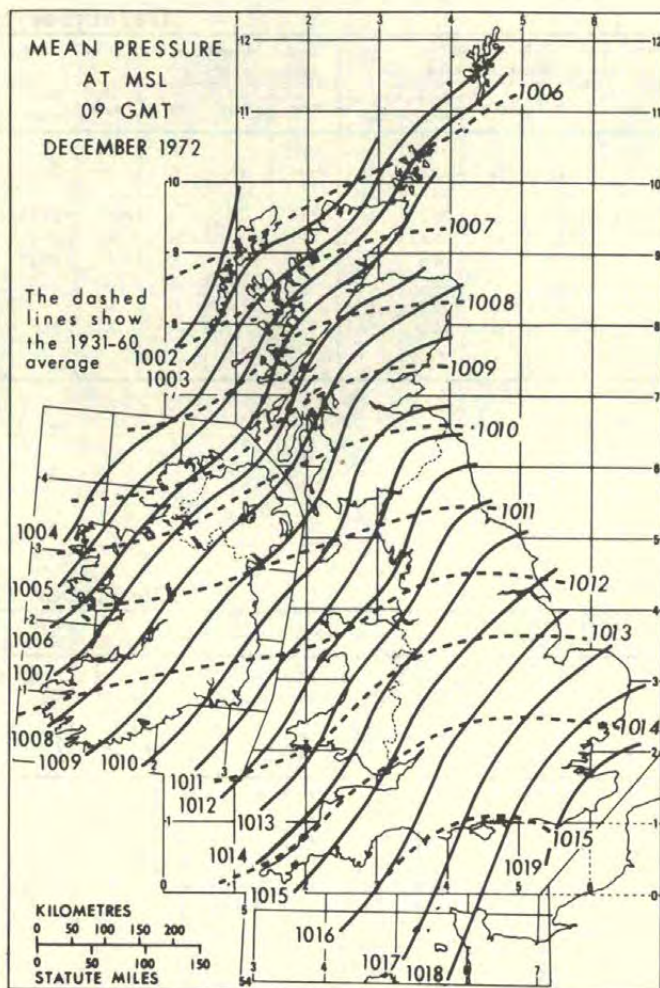




Table 2 Solar radiation and illumination

December 1972

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	35	7	2	24	14.4	31	28	7	2	24	12.7	31	39	7	2	24	16.9	31
Eskdalemuir	63	15	3	23	23.2	31	40	2	3	23	18.6	31	68	15	5	23	28.6	31
Cardington	115	3	16	23	54.4	31	48	10	16	23	33.6	31	—	—	—	—	—	—
London Weather Centre	106	3	13	6,23	54.1	31	64	11	11	6	35.2	31	131	3	16	23	67.2	31
Kew	115	3	14	5	60.1	31	66	11	12	6	39.5	31	139	3	20	6	74.7	31
Easthampstead	132	3	16	1,5	60.9	31	67	11	11	6	37.9	31	157	3	23	6	70.4	31
Aberporth	108	29	20	2	56.2	31	64	30	20	2	42.2	31	—	—	—	—	—	—
Aldergrove	89	7	7	28	39.7	31	50	7	7	28	27.0	31	—	—	—	—	—	—
Jersey Airport	150	18	17	6	80.1	31	91	7	17	6	48.3	31	158	7	21	6	85.5	31

Table 3 Summary of daily observations

December 1972

District, county and place	max. terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date																							
0 SCOTLAND N																																	
Zetland																																	
Hamnavoe	9 9	21																															
Lerwick	21-9	82	8.1	4.8	6.5	-	10.4	30	1.4	9	-	-	136	36	5	27	19	6	0	1	1	0	0	0	0	0	0	0	0	11	0.23	-	-
psychrometer screen			7.2	4.5	5.9	-	10.4	31	0.4	8	-	-	115	89	29	5	24	18	2	0	0	7	0	1	0	9	9	8	0.42	93	-	-	
Baltasound	9 9	24	7.5	3.3	5.4	-	11.0	31	0.1	25	5.8	-	108	85	17	4	22	17	1	0	0	0	0	0	0	0	0	0	9	0.47	-	-	S
Orkney																																	
Sule Skerry	21-9	13	8.4	5.4	6.9	-	11.8	31	0.4	10	-	-	116	16	5	24	21	3	0	6	0	1	0	0	0	1	0	8	-	-	-	-	
Stenness	9 9	23	7.6	3.3	5.5	-	12.8	31	-2.3	7	4.9	6.5	71	63	11	4	23	16	2	0	0	2	0	0	2	12	2	1.21	-	-	-	-	
Kirkwall	21-9	26	6.8	3.6	5.2	+0.1	10.7	31	-0.5	7	-	-	58	51	10	4	20	14	7	0	2	2	0	1	1	9	10	3	1.18	142	-	-	
Caithness																																	
Dounreay	9 9	21																															
Wick	21-9	36	7.1	3.4	5.3	+0.7	11.5	14,31	-4.1	3,7	-	-	27	37	8	4	15	8	1	0	0	1	0	0	7	16	10	2	1.77	162	-	-	
John O Groats	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sutherland																																	
Cape Wrath	21-9	112	8.4	4.8	6.6	+0.9	17.7	18	0.2	10,11	-	-	80	65	13	4	17	14	2	0	0	4	1	0	0	4	4	4	0.92	-	-	-	S
Lairg	9 9	107	7.0	-0.3	3.3	-	12.7	31	-9.3	8	2.3	4.9	60	14	1	18	13	9	3	2	0	0	0	2	17	23	-	2	1.59	-	-	-	
Strathay	9 9	37	7.3	0.7	4.0	0.0	12.7	31	-5.4	7	-	-	58	52	12	4	19	12	3	1	0	0	0	0	0	11	-	2	1.58	219	-	S	
Ross & Cromarty																																	
Stornoway	21-9	3	8.1	3.6	5.9	+0.4	13.4	18	-4.9	8	-	-	130	126	19	4	24	19	6	1	2	7	1	0	6	10	10	8	0.61	72	-	-	
Balmacara	9 9	4	9.9	2.7	6.3	-	15.5	18	-4.2	8	-	-	171	19	30	24	21	0	0	0	1	0	0	6	-	1	-	-	-	-	-	-	
Poolewe	9 9	6	9.3	4.0	6.7	-	17.1	18	-1.5	8	-	-	127	80	21	5	22	17	2	0	0	1	0	0	3	11	7	1.19	-	-	-	-	
Rudh Re	21-9	16	8.8	5.2	7.0	-	17.0	18	0.9	8	-	-	157	23	10	21	18	2	0	1	1	0	0	0	3	3	11	-	-	-	-	-	
Inverpollly	9 9	14	9.5	3.1	6.3	-	16.7	18	-3.4	8	5.4	-	105	77	19	10	18	14	6	3	0	3	0	-	4	17	-	1	0.95	-	-	S	
Kinlochewe	9 9	23	8.4	1.8	5.1	+0.5	15.1	18	-5.8	8	-	-	194	92	33	1	18	17	-	0	-	-	0	9	23	-	-	0.95	-	-	-	S	
Knockanrock	9 9	244	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strathconon	9 9	107	7.4	-0.6	3.4	-	15.3	18	-8.2	9	-	-	114	21	11	19	15	7	5	0	4	0	-	17	28	-	0	-	-	-	-	-	
Fortrose	9 9	5	7.9	2.8	5.3	+0.1	12.0	14,18	-0.5	7,9	-	-	33	64	12	5	14	6	1	0	0	0	0	0	3	-	1	1.95	171	-	-	-	
Tarbatness	21-9	18	7.2	3.3	5.3	+0.9	12.5	30,31	-2.0	8	-	-	23	52	6	20	13	9	2	0	0	0	0	0	6	-	2	-	-	-	-	-	
Inverness																																	
Benbecula	21-9	6	8.3	5.1	6.7	+0.8	12.8	14	-2.3	8	-	-	157	135	20	4	27	24	4	0	6	4	1	0	2	7	5	12	0.43	-	-	-	
Isle of Rhum	9 9	5	9.3	4.1	6.7	-	13.3	14,18	-2.9	9	5.9	7.4	300	113	29	30	25	24	4	0	0	4	0	0	5	13	-	9	0.33	-	-	-	
Prabost	9 9	67	8.0	2.9	5.5	-	13.7	18	-2.9	8	-	-	223	115	22	3	28	4	9	5	0	6	2	0	8	15	11	0.81	-	-	-	-	
Duntulm	9 9	90	8.4	3.2	5.8	+0.2	15.6	18	-1.1	29	-	-	227	160	24	10	23	23	2	0	0	1	0	0	1	7	-	4	0.52	68	46	S	
Onich	9 9	15	9.0	2.8	5.9	+1.0	(13.5)	14	-2.0	9	-	-	240	108	47	11	22	21	-	0	-	-	0	7	15	-	0.31	68	46	-	-	-	
Corpach	9 9	8	8.5	2.8	5.7	-	(13.5)	14	-4.8	9	-	-	264	37	11	23	21	6	0	0	2	0	0	7	13	-	0	-	-	-	-	-	
Fort Augustus	9 9	21	8.0	1.7	4.9	+1.0	13.6	18	-4.5	9	-	-	134	28	11	20	17	-	3	-	-	-	-	1	11	-	-	0.82	-	-	-	-	
Lagganlia	9 9	250	7.0	0.1	3.5	-	13.2	18	-15.0	9	-	-	77	19	11	18	12	8	7	0	0	0	0	0	16	19	-	4	-	-	-	-	
Inverness	9 9	4	8.5	2.4	5.5	-	13.0	14	-3.0	8	-	-	48	91	14	5	11	9	1	1	0	0	0	1	5	22	-	0	1.74	-	-	-	
Coire Cas Shieling	9 9	762	4.6	-0.6	2.0	-	11.2	30	-5.0	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cairngorm	9 9	1090	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenmore Lodge	9 9	341	7.6	-0.7	3.5	+1.3	15.0	18	-11.2	9	-	-	111	131	24	5	19	16	-	7	-	-	-	0	20	22	20	-	0.71	-	-	-	S
Moy	9 9	305	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1 SCOTLAND E																																	
Nairn																																	
Nairn	9 9	6	8.1	1.2	4.7	+0.5	13.9	31	-4.5	8,25	-	-	35	72	13	5	14	10	3	2	0	0	0	0	12	15	-	2	(2.00)	165	-	-	
Moray																																	
Grantown-on-Spey	9 9	229	6.6	-1.3	2.7	-	13.6	18	-12.4	9	-	-	32	7	1	14	8	4	7	0	0	0	0	2	18	26	-	0	1.86	-	-	-	
Forres	9 9	50	8.2	2.5	5.3	+1.2	13.7	31	-5.0	8	3.0	4.9	34	76	13	5	13	10	2	2	0	0	0	0	8	14	-	2	2.36	165	-	-	
Kinloss	21-9	5	8.1	2.3	5.2	+1.0	13.9	18	-5.2	8	4.6	-	24	56	9	5	13	9	5	2	0	1	0	0	13	18	13	2	2.28	-	-	-	
Elgin	9 9	15	8.4	1.2	4.8	-	13.8	31	-6.6	8	-	-	25	52	9	5	13	8	-	1	-	-	-	0	11	15	-	-	2.48	-	-	S	
Lossiemouth	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gordon Castle	9 9	32	8.5	2.5	5.5	+1.3	13.6	14,30	-4.1	8	-	-	18	31	9	5	8	5	2	0	0	0	0	-	6	-	1	2.38	214	-	-	-	



Table 3 Summary of daily observations

December 1972

District, county and place	max (terminal h GMT) min (of observation)	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine				
			means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation 0.2 mm or more 1.0 mm or more	snow or sleet snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure				
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date																							
1 SCOTLAND E — continued																																	
Banff																																	
Glenlivet	21-9	215	6.8	1.0	3.9	-	13.7	18	-11.7	9	-	-	34	-	8	5	17	10	6	7	0	0	0	0	13	22	27	0	1.87	-	S		
Banff	9-9	24	7.2	2.2	4.7	-	13.0	31	-4.0	9	-	-	11	-	5	5	6	3	-	0	-	-	-	2	6	-	-	1.58	-	S			
Aberdeen																																	
Braemar	9-9	339	5.3	-1.1	2.1	+0.1	10.6	31	-16.6	9	-	-	91	94	20	11	18	12	-	8	-	-	-	0	16	20	-	0.68	-	-	S		
Balmoral	9-9	283	6.2	-0.9	2.7	+0.6	12.5	18	-12.9	9	-	-	80	99	17	11	15	12	5	8	0	0	0	0	14	25	-	0	-	-	-		
Dinnet	9-9	177	7.0	-0.1	3.5	-	12.0	31	-10.8	9	3.6	-	30	-	(8)	11	13	10	-	4	-	-	-	2	13	23	-	2.09	-	-	-		
Gartly	9-9	160	7.0	-0.3	3.3	-	12.4	31	-8.6	8	-	-	13	-	6	5	10	4	-	-	-	-	-	14	23	-	-	-	-	-	-		
Inverurie Sewage Works	9-9	54	6.9	-0.4	3.3	-	13.0	14	-11.5	9	-	-	17	-	6	4	12	4	0	0	0	0	0	1	13	19	-	0	1.92	-	-		
Fyvie Castle	9-9	66	7.0	-0.6	3.2	-	13.0	14	-11.0	9	-	-	19	26	6	4	14	5	0	0	0	0	0	0	15	23	-	2	-	-	S		
Craibstone	9-9	91	6.9	1.4	4.1	+0.3	11.7	14	-3.7	3	4.0	5.4	23	28	9	4	14	6	0	0	0	0	0	9	12	18	-	1	2.10	138	-		
Dyce	21-9	58	7.0	1.5	4.3	+0.6	12.2	14	-10.4	9	-	-	23	27	9	4	13	5	0	0	0	0	0	1	13	17	17	8	1.94	-	-		
Aberdeen	9-9	52	7.1	1.7	4.4	+0.5	11.3	14	-7.2	9	-	-	32	40	10	4	14	7	0	0	0	0	0	0	10	16	-	0	1.94	147	S		
Fraserburgh	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kincardine																																	
Fettercairn	9-9	171	5.8	0.9	3.3	+0.1	9.8	14	-2.4	3	-	-	57	62	10	11	20	16	6	0	0	0	0	6	12	23	-	0	0.93	-	S		
Banchory	9-9	77	7.0	0.9	3.9	-	12.4	14	-8.6	9	-	-	39	-	11	11	12	8	7	2	0	0	0	1	12	18	-	1	-	-	-		
Stonehaven	9-9	4	7.5	-	-	-	10.8	14	-	-	-	-	37	54	13	4	14	8	0	0	0	0	0	-	-	-	-	0	1.33	101	-		
Angus																																	
Mylnfield	9-9	30	7.0	1.5	4.3	-	12.1	14	-5.5	9	4.0	6.6	56	101	13	11	20	14	1	1	0	0	0	3	9	21	-	1	0.88	-	-		
Dundee	9-9	45	6.9	1.9	4.4	+0.5	10.5	31	-4.0	9	3.3	-	57	94	21	11	19	14	1	0	0	0	0	3	10	17	-	2	1.06	-	-		
Glamis Castle	9-9	61	6.3	0.1	3.2	-	11.8	14	-5.9	9	-	-	81	101	19	11	23	17	2	3	0	0	1	3	16	21	-	1	-	-	-		
Whitehills	9-9	258	6.0	-0.1	2.9	-	10.7	14	-9.0	9	-	-	165	146	33	11	20	14	6	2	0	0	0	6	13	17	-	0	-	-	S		
Buddon Ness	9-9	5	7.0	1.0	4.0	-0.1	11.2	14	-7.2	25	-	-	39	67	7	11	21	11	0	-	0	0	0	2	12	-	-	1	-	-	-		
Carnoustie	9-9	27	(7.4)	(1.7)	(4.5)	-	12.0	14	(-3.5)	25	3.9	-	34	57	6	11	15	10	-	0	-	-	-	3	9	-	-	1	1.04	-	-		
Arbroath	9-9	28	7.3	2.5	4.9	+0.6	11.2	14	-3.7	9	-	-	27	48	5	11	19	7	0	0	0	0	0	2	7	15	-	1	1.39	101	-		
Usan	21-9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Montrose	9-9	57	6.6	1.7	4.1	-	10.8	14	-3.5	25	-	-	47	74	15	11	20	11	2	1	0	0	0	3	9	21	-	4	-	-	-		
Perth																																	
Aberfoyle	9-9	27	7.4	1.4	4.4	-	12.0	14	-5.5	24,25	-	-	186	-	25	11	25	21	3	-	0	0	0	-	11	16	-	0	-	-	-		
Dall	9-9	232	6.3	-0.5	2.9	-	11.3	31	-7.4	25	-	-	159	-	31	11	19	16	10	9	0	3	0	0	14	24	-	7	-	-	-		
Callander	9-9	107	6.7	1.2	3.9	-	11.0	14	-4.5	9,24	-	-	201	-	24	11	24	19	3	3	0	1	0	0	12	21	-	1	-	-	-		
Ardsnaig	9-9	130	6.7	1.5	4.1	-	11.5	14	-4.1	9	-	-	204	133	42	11	22	15	5	3	0	0	1	0	8	18	-	4	0.15	-	-		
Dunblane	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Drummond Castle	9-9	113	6.5	0.6	3.5	-	11.7	14	-5.0	25	4.2	-	174	-	25	11	21	19	2	5	0	0	0	-	12	20	-	1	0.32	-	S		
Gleneagles	9-9	152	7.1	1.2	4.1	-	11.7	14	-6.3	9	-	-	173	149	49	11	22	17	3	-	0	0	0	6	11	17	-	3	0.46	-	S		
Pitlochry	9-9	144	6.2	-0.5	2.9	-	11.5	14	-9.5	9	-	-	109	116	17	11	20	13	5	7	0	0	0	0	15	26	-	0	0.55	-	-		
Faskally	9-9	94	6.5	-0.3	3.1	-	11.6	14	-11.1	9	3.2	5.2	123	125	19	5	21	13	7	7	0	0	0	0	15	20	-	0	-	-	-		
Ashintully Castle	9-9	341	4.5	-1.0	1.7	-	9.5	31	-9.5	9	-	-	124	-	22	11	22	13	8	9	0	0	0	7	16	21	-	0	-	-	-		
Strathallan	9-9	41	7.1	1.2	4.1	-	12.7	14	-7.1	9	-	-	114	-	30	11	19	15	3	5	1	0	0	6	13	20	-	1	-	-	-		
Perth	9-9	23	7.6	0.8	4.2	+0.5	12.3	14	-7.5	9	-	-	85	124	17	11	19	14	5	0	0	0	0	13	12	19	-	0	0.51	51	-		
Blaigowrie	9-9	70	6.6	0.0	3.3	-	11.7	14	-8.9	9	2.8	-	94	127	17	11	24	17	-	0	-	-	-	-	14	18	-	0	0.64	-	S		
Kinross																																	
Kinross	9-9	116	6.4	0.5	3.5	-	(11.5)	14	-6.5	9	4.2	-	93	-	23	11	21	15	-	0	-	-	-	-	12	20	-	-	0.46	-	-		
Fife																																	
Pitreavie	21-9	40	7.3	3.0	5.1	-	12.3	14	-2.1	3	-	-	61	103	14	11	14	10	2	1	1	0	0	1	6	11	11	2	-	-	-		
Kirkcaldy	9-9	32	(8.4)	(1.5)	(4.9)	(+0.9)	(12.7)	31	(-4.5)	16	-	-	(63)	110	(11)	6	(17)	10	2	0	0	0	0	1	10	16	-	0	1.03	-	-		
Glenrothes (Glenwood)	9-9	117	6.7	1.2	3.9	-	11.8	14	-4.4	9	-	-	74	-	13	11	19	12	-	-	-	-	-	-	11	20	-	-	0.80	-	-		
Cupar	9-9	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leuchars	21-9	10	7.1	2.0	4.5	+0.2	12.8	14	-5.0	25	-	-	55	102	17	11	15	13	4	0	0	1	0	2	12	16	17	1	1.23	85	-		
St Andrews	9-9	18																															



Table 3 Summary of daily observations

December 1972

District, county and place	max. terminal h (GMT) min of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max. (a)	min. (b)		max.	date	min.	date																							
1 SCOTLAND E — continued																																
Roxburgh	9 9	155	6.8	1.0	3.9	-	11.9	14	-5.0	25	-	-	96	118	31	11	20	13	5	1	0	0	1	3	10	-	-	4	-	-	-	
Wauchope	9 9	34	7.2	0.6	3.9	-	13.4	14	-6.8	25	-	-	29	-	7	10	13	8	1	1	0	0	1	6	15	23	-	0	0.68	-	S	
Kelso	9 9	221	7.3	1.8	4.5	+1.4	12.0	14	-3.5	24	-	-	50	-	15	11	12	9	3	0	0	0	0	0	6	16	-	0	1.55	-	-	
Sourhope	9 9																															
(see Introduction)																																
6a SCOTLAND W																																
Argyll																																
Tiree	21-9	9	8.8	5.5	7.1	+0.7	11.5	14	1.1	7.24	-	-	110	93	11	1	24	21	3	0	1	14	1	0	6	5	12	0.77	82	-	-	
Port Ellen	9 9	18	9.0	4.0	6.5	-	12.2	14	-2.0	9	-	-	101	-	13	16	22	21	-	-	-	-	-	3	-	-	-	-	-	-	-	
Rhuvaal	21-9	20	9.0	4.6	6.8	-	12.8	17	(-1.0)	9	-	-	171	106	23	1	23	20	2	0	5	0	4	0	1	10	3	14	-	-	-	
Colonsay	9 9	30	8.5	4.6	6.5	+0.6	12.0	14	-0.1	9	-	-	168	116	26	7	26	21	1	-	0	4	3	1	1	-	-	2	-	-	-	
Aros	9 9	37	9.1	-	-	-	13.3	14	-	-	-	-	213	-	36	11	25	23	3	0	0	7	1	0	15	-	3	-	-	-	-	
Machrihanish	21-9	10	9.0	4.3	6.7	-	13.2	12	-1.6	8.9	-	-	101	85	11	9	22	20	1	0	3	5	0	0	4	8	9	5	1.25	-	-	
Campbeltown	9 9	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Polloch	9 9	15	9.1	3.4	6.3	-	15.0	18	(-4.6)	9	-	-	254	-	40	11	26	22	7	0	0	4	4	-	7	9	-	-	-	-	-	
Knappdale Forest	9 9	40	8.6	2.2	5.4	-	14.0	15	-2.7	29	-	-	174	-	17	1	25	23	-	0	-	-	0	9	14	-	-	-	-	-	-	
Dunstaffnage	9 9	3	9.0	4.2	6.6	-	12.9	14	-2.0	9	-	-	205	-	24	11	22	19	5	0	0	7	5	0	2	-	2	-	-	-	-	
Glenbranter	9 9	24	8.8	2.5	5.7	-	12.2	14	-4.1	9	-	-	248	-	43	11	26	21	1	0	6	1	0	0	5	16	-	2	-	-	-	
Glen Etive	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Benmore Younger	9 9	12	7.9	3.0	5.5	-	12.0	15	-1.6	24	-	-	247	91	39	11	27	22	3	1	1	1	1	2	4	19	-	1	-	-	-	
Botanic Gardens	9 9																															
Bute																																
Kildonan	21-9	18	-	-	-	-	11.9	13	-1.7	9	5.9	-	189	104	35	11	22	18	2	0	0	4	0	0	3	10	-	1	-	-	-	
Broddick Castle	9 9	15	8.8	3.6	6.2	-	11.9	13	-1.7	9	5.9	-	189	104	35	11	22	18	2	0	0	4	0	0	3	10	-	1	-	-	-	
Rothsay	9 9	43	8.4	3.8	6.1	+0.8	12.0	12	-0.5	9.24	5.2	6.4	140	94	22	11	24	20	0	0	0	2	2	0	2	11	-	0	1.11	113	-	-
Dunbarton																																
Finnart	9 9	15	8.3	3.8	6.1	-	12.0	14	(-2.1)	9	-	-	216	-	39	11	26	25	3	0	2	0	0	0	2	-	4	-	-	-	-	
Helensburgh	9 9	89	7.3	2.3	4.8	+0.6	11.2	14	-2.5	9.24	-	-	119	76	21	11	26	17	4	0	0	0	1	0	4	-	7	0.69	91	-	-	
Sloy	21-9	12	7.5	3.6	5.5	-	12.5	14	-4.5	9	-	-	307	-	41	11	26	22	4	-	0	0	1	0	4	-	0	-	-	-	-	
Arrochymore	9 9	37	7.9	2.6	5.3	-	12.0	14	-2.5	24	-	-	165	-	21	12	24	21	0	0	0	0	0	7	15	-	0	0.47	-	-	-	
Cumbernauld	9 9	94	6.6	1.5	4.1	-	11.8	14	-4.0	25	-	-	100	-	19	11	22	17	3	5	0	0	0	1	9	16	-	0	-	-	-	
Stirling																																
Earls Hill	21-9	335	4.9	1.5	3.2	-	10.0	14	-3.4	24	-	-	172	-	32	11	24	20	6	-	0	1	0	8	9	16	16	6	0.43	-	-	
Stirling Catterflats	9 9	38	7.2	1.3	4.3	-	12.4	14	-5.4	25	4.4	5.8	117	-	33	11	21	18	4	3	0	0	1	2	11	21	-	1	0.44	-	-	
Parkhead	9 9	107	7.3	1.7	4.5	-	12.0	14	(-5.3)	25	4.2	-	89	-	26	11	19	18	-	-	-	-	2	9	-	-	-	-	-	-	-	
Falkirk Sewage Works	9 9	3	7.9	1.4	4.7	-	12.8	14	-4.5	24	-	-	93	-	20	11	21	15	1	1	0	0	0	3	13	-	0	0.75	-	-	-	
Grangemouth	9 9	4	7.9	1.8	4.9	-	12.7	12	-2.5	3	-	-	88	-	19	11	18	15	-	1	-	-	3	12	15	-	-	-	-	-	-	
Renfrew																																
Greenock	9 9	61	7.6	3.4	5.5	+0.3	12.0	14	-0.9	25	-	-	152	85	32	11	27	18	4	0	0	0	0	0	2	7	-	6	0.62	117	S	
Paisley	9 9	32	8.1	3.1	5.6	+0.8	12.4	14	-2.0	3	4.7	6.9	128	109	24	11	23	16	3	0	2	3	0	2	4	12	-	2	0.52	71	-	
Barrhead	9 9	30	8.0	2.0	5.0	-	12.4	12	-3.4	24	-	-	149	125	30	11	23	18	4	1	0	4	0	2	11	13	-	4	-	-	-	
Abbotsinch	21-9	5	7.8	3.0	5.4	+1.0	12.8	13,14	-4.1	24	-	-	105	99	23	11	20	17	5	0	2	1	0	2	9	11	11	1	0.44	53	-	
Lanark																																
Crossmyloof	9 9	23	8.4	2.4	5.4	-	12.5	14	(-3.0)	25	-	-	95	-	23	11	20	18	1	0	0	0	0	0	8	-	0	-	-	-	-	
East Kilbride	9 9	178	7.4	2.5	4.9	-	11.9	14	-2.0	25	-	-	145	-	33	11	20	17	2	3	0	2	0	-	6	-	1	1.16	-	-	-	
Glasgow, Springburn	9 9	107	7.2	2.4	4.8	+1.1	11.7	14	(-3.1)	25	-	-	88	91	15	11	19	19	3	2	0	0	0	1	5	18	-	2	0.69	110	-	
Coatbridge	9 9	78	7.6	2.6	5.1	+1.3	12.0	12,14	-0.5	25	-	-	81	97	22	11	19	14	2	0	0	0	0	0	3	-	1	-	-	-	-	
Leadhills	9 9	387	5.6	1.5	3.5	+1.1	11.3	18	-4.4	24,25	-	-	182	102	38	11	24	17	6	3	0	0	0	7	8	15	-	0	-	-	-	
Crawfordjohn	9 9	274	6.5	1.0	3.7	-	11.5	18	-7.0	25	4.3	-	105	-	26	11	20	16	4	1	0	0	0	1	9	16	14	5	0.82	-	-	
Lanark	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Carnwath	9 9	208	6.8	0.3	3.5	+0.6																										



December 1972

[illegible]



2

District, county and place		max min	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																0.2 mm or more		
3 ENGLAND E — continued																																				
Essex																																				
	Little Parndon	9	9	54	8.5	2.7	5.6	-	13.5	13	-7.0	31	-	-	38	-	9	5	11	11	0	0	0	0	0	0	5	2	-	0	-	-	-			
	Harlow	9	9	79	8.7	2.4	5.5	-	14.0	14	-7.7	31	-	8.2	57	-	15	5	11	11	0	0	0	0	0	0	7	5	-	0	1.49	-	S			
	Stansted	21-9	101	7.9	2.9	5.4	+1.2	13.5	14	-6.7	31	-	-	64	17	17	5	13	10	0	0	0	0	0	0	0	6	16	9	0	-	-	-			
	Writtle	9	9	32	8.7	2.3	5.5	-	14.3	14	-5.3	31	6.6	-	47	90	12	5	12	9	0	0	0	0	0	0	5	8	16	0	1.27	-	-			
	Southend	9	9	2	9.0	4.4	6.7	-	13.7	14	-3.2	21	-	-	36	-	12	8	11	9	0	0	0	0	0	0	2	2	10	4	1.84	-	-			
	Maldon	9	9	4	8.6	2.7	5.7	-	13.6	13	-3.8	31	-	-	-	-	-	-	-	0	0	1	0	0	0	4	5	-	0	-	-	-				
	Earls Colne	9	9	49	8.4	2.3	5.3	-	13.6	13	-4.4	31	6.2	7.7	39	70	10	5	15	9	1	0	0	0	0	0	3	5	15	1	1.89	130	-			
	Shoeburyness	21-9	2	8.7	4.6	6.7	+1.5	13.1	13	-3.1	21	-	-	34	75	9	8	10	10	0	0	0	0	0	0	0	3	5	15	9	2.05	131	-			
	Clacton-on-Sea	9	9	16	8.2	4.7	6.5	+1.5	11.0	13	-1.5	31	7.0	8.7	35	68	9	8	11	9	0	0	0	0	0	0	2	1	10	4	-	-	-			
	Walton-on-Naze	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	Dovercourt	9	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4 MIDLAND COUNTIES																																				
Yorkshire W Riding																																				
	Slaiburn	9	9	192	6.3	1.3	3.8	-	11.5	12	-5.0	9,25	-	-	163	106	22	4	19	15	0	0	1	1	0	6	7	15	-	0	0.50	-	-			
	Malham Tarn	9	9	395	5.8	0.6	3.2	-	10.5	12	-4.3	24	4.2	-	155	103	21	11	21	15	5	3	1	0	1	8	11	26	-	0	-	-	-			
	Huddersfield	9	9	99	7.4	2.5	4.9	-	13.4	12	-2.3	24	5.0	6.5	100	146	42	5	14	12	0	0	0	0	0	0	5	5	14	-	0	0.80	111	-		
	Huddersfield Oakes	21-9	232	6.3	2.3	4.3	+0.3	12.5	13	-3.2	23	4.6	5.8	131	152	44	5	24	14	3	0	1	0	1	10	8	18	11	5	0.73	68	-	-			
	Bradford	9	9	134	7.7	2.1	4.9	+0.7	15.0	14	-3.8	24	5.4	6.9	100	130	21	5	16	12	0	0	1	0	0	0	7	4	9	-	0	0.54	71	S		
	Ilkley	9	9	83	7.4	2.4	4.9	-	13.5	12	-4.0	24	-	-	93	102	19	4	16	11	1	0	4	0	0	0	7	7	11	-	0	0.33	71	S		
	Sheffield	9	9	131	7.6	2.9	5.3	+0.4	12.9	12,13	0.1	24	5.2	7.1	80	109	23	5	14	11	0	0	0	0	0	4	0	11	-	0	0.73	74	S			
	Pontefract	9	9	78	7.5	2.0	4.7	+0.3	13.5	12,13	-2.2	23	-	-	44	92	20	5	13	9	1	0	0	0	0	12	6	-	-	0	-	-	-			
	Bramham	9	9	54	7.1	1.5	4.3	-	13.6	12	-4.3	24	-	-	53	85	16	5	14	10	0	0	0	0	0	0	7	8	15	-	0	-	-			
	Cawood	9	9	6	7.2	1.9	4.5	-	13.6	12	-4.0	24	5.0	6.4	49	93	17	5	16	9	0	0	0	0	0	0	7	6	14	-	0	0.57	-	-		
	Askham Bryan	9	9	34	7.3	1.8	4.5	-	13.5	13	-3.5	9,24	-	-	44	80	14	5	14	8	0	0	0	0	0	0	12	7	12	-	0	0.53	45	-		
Derby																																				
	Buxton	9	9	314	6.5	1.8	4.1	+0.8	11.5	13	-3.6	23	4.4	4.8	112	91	23	5	19	13	1	0	0	0	0	9	8	14	-	0	0.40	118	S			
	Mackworth	9	9	89	7.4	1.3	4.3	-	13.0	12,13	-2.0	26	-	-	76	-	16	1	15	11	0	0	2	0	0	7	8	-	-	0	-	-	-			
	Ashover	9	9	186	6.8	2.1	4.5	-	12.3	12	-2.1	23	-	-	91	-	21	5	15	13	2	0	0	0	0	0	7	14	-	0	0.90	-	-			
	Derby	9	9	48	8.1	3.0	5.5	-	13.8	12	-1.1	8	-	-	73	123	17	1	15	11	0	0	0	0	0	0	6	3	8	-	0	0.78	-	-		
	Morley	9	9	107	7.5	1.9	4.7	-	13.2	12	-0.7	11	-	-	69	106	17	1	16	12	0	0	0	0	0	0	15	5	6	-	0	0.75	-	S		
	Wingerworth	9	9	126	7.3	2.1	4.7	-	13.0	13	-1.8	16	5.0	-	89	-	19	5	18	13	0	0	0	0	0	0	10	7	16	13	1	0.72	-	-		
Nottingham																																				
	Sutton Bonington	9	9	48	7.8	2.8	5.3	+0.9	13.9	12,13	-1.3	30	6.2	7.3	70	143	17	1	14	11	0	0	0	0	0	4	2	12	-	0	0.87	78	-			
	Watnall	21-9	117	7.0	2.8	4.9	+0.8	13.0	12,13	-2.1	23	-	-	74	126	17	1	16	10	1	0	2	1	0	11	4	12	7	-	0	0.60	49	-			
	Mansfield	9	9	114	-	2.4	-	-	-	-	-2.0	23	5.6	-	73	118	20	1	15	13	0	0	0	0	0	5	2	2	-	0	-	-	-			
	Nottingham	9	9	59	7.8	2.8	5.3	+0.6	13.9	13	-1.2	23	5.3	6.5	81	156	26	5	17	12	0	0	0	0	0	0	5	2	9	-	0	0.76	73	-		
	Warsop	9	9	46	7.5	2.2	4.9	-	13.4	12	-3.1	23	-	-	60	118	17	1	15	12	0	0	0	0	0	9	5	14	-	0	0.81	-	-			
	Finningley	21-9	10	7.3	2.6	4.9	-	14.0	12	-3.8	24	-	-	39	84	10	5	12	8	0	0	0	0	0	0	8	6	13	10	-	0	0.75	-	-		
Leicester																																				
	Newtown Linford	9	9	119	7.5	2.1	4.8	-	13.6	12,13	-2.1	23	-	-	61	105	18	1	16	12	0	0	0	0	0	0	5	7	13	-	1	1.08	-	-		
	Caldecott	9	9	52	7.6	2.2	4.9	-	13.9	13	-3.0	23	-	-	79	164	29	1	11	11	0	0	0	0	0	0	12	6	13	-	1	1.06	-	-		
Northampton																																				
	Bugbrooke Mills	9	9	69	-	-	-	-	-	-	-	-	-	-	89	171	37	1	16	11	0	0	0	0	1	7	-	-	-	0	-	-	-			
	Raunds	9	9	59	7.5	1.9	4.7	+0.7	14.0	13	-2.1	31	5.4	7.5	71	149	23	1	18	10	0	0	1	0	0	8	7	14	-	0	1.23	101	-			
	Wittering	9	9	73	7.3	2.7	5.0	-	13.9	13	-1.9	23	-	-	65	133	21	6	15	11	0	0	1	0	0	9	5	15	10	-	0	1.17	-	-		
Warwick																																				
	Birmingham	9	9	137	8.0	2.5	5.3	-	13.0	13	-1.4	22	-	-	97	143	24	1	17	11	0	0	1	1	0	4	5	-	-	0	-	-	-			
	King Edward School	21-9	163	7.4	3.6	5.5	+0.8	12.5	13,14	-1.5	22	7.0	-	101	146	23	1	17	14	0	0	2	0	1	5	3	9	6	-	0	1.20	98	-			
	Edgbaston	9	9	56	8.3	2.6	5.5	-	13.7	12	-1.3	19	-	-	82	-	23	1	17	10	0	0	0	0	1	4	6	11	-	0	0.96	-	-			
	Stratford-on-Avon	9	9	49	8.3	2.6	5.5	-	13.8	12,13	-1.0	30,31	6.8	-	89	181	25	6	16	11	0	0	0	0	0	2	8	12	-	0	1.06	-	-			
	Shipston-on-Stour	9	9	111	8.1	2.4	5.3	-	12.9	12,13	-2.5	30	6.4	-	103	181	31	1	17	14	0	0	0	0	1	3	7	19	-	5	1.22	-	S			
	Elmdon	21-9	96	7.6	3.1	5.3	-	13.3	12,13	-1.8	23	-	-	75	-	19	5	15	11	0	0	2	0	2	4	5	15	11	-	0	1.24	-	-			
	Wellesbourne	9	9	47	8.4	2.8	5.6	-	14.8	15	-1.6	30,31	5.7	6.9	69	136	25	1	17	11	0	0	0	0	0	3	6	13	11	-	0	1.33	-	-		
	Moreton Morrell	9	9	85	8.3	2.3	5.3	-	13.4	12,13	-2.7	30	-	-	76	146	29	1	16	12	0	0	0	0	0	7	6	15	-	0	1.33	-	-			
	Rugby	9	9	117	7.6	2.3	4.9	+0.9	12.9	12,13	-2.1	30	5.3	7.1	86	160	30	1	18	10	0	0	0	0	0	5	4	19	6	1	-	-	-			
Oxford																																				
	Brize Norton	21-9	84	8.4	3.6	6.0	-	13.5	13	-2.9	31	-	-	79	-	22	1	17	11	0	0	0	0	0	0	5	5	10	-	0	-	-	-			
	Oxford	9	9	63	8.7	3.5	6.1	+1.2	13.8	13	-3.0	31	5.8	7.2	74	128	22	1	17	12	0	0	0	0	0	4	2	10	-	0	1.54	94	-			
	Shirburn Model Farm	9	9	108	8.4	2.7	5.5	-	13.2	13	-5.4	31	5.6	-	83	-	23	5	17	11	0	0	0	0	0	4	5	17	-	2	-	-	-			
Buckingham																																				



Table 3 Summary of daily observations

December 1972

District, county and place	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	amount (mm)	most in a day	precipitation 0.2 mm or more 1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure						
			max. (a)	min. (b)			max.	date	min.	date																										
4 MIDLAND COUNTIES—continued																																				
Hereford																																				
Hereford	9 9	52	8.5	3.0	5.7	-	13.4	12	-2.6	19	6.5	8.2	104	-	20	1	18	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.16	-	-	
Sewage Works	9 9	155	7.5	2.3	4.9	+0.6	12.5	12	-1.5	30,31	-	-	136	172	20	5	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
Lyonsall	21-9	68	8.4	4.1	6.3	+1.0	14.3	14	-2.6	19	6.4	7.7	121	175	21	1	18	17	0	0	0	0	0	2	2	3	11	5	0	1.29	80	-	-			
Ross-on-Wye	9 9	84	7.9	2.2	5.1	-	12.6	13,14	-2.9	19	-	-	107	182	25	1	22	17	0	0	0	0	0	2	5	8	13	-	0	1.05	-	-	-			
Preston Wynne	9 9	84	7.9	2.2	5.1	-	12.6	13,14	-2.9	19	-	-	107	182	25	1	22	17	0	0	0	0	0	2	5	8	13	-	0	1.05	-	-	-			
Gloucester																																				
Filton	21-9	59	9.0	4.3	6.7	+1.3	13.4	12	-1.6	30	-	-	141	188	33	6	19	17	0	0	0	0	0	2	2	3	12	9	0	1.77	-	-	-			
Hempstead	9 9	12	9.2	3.5	6.3	-	14.3	14	-1.5	31	7.2	9.0	114	167	25	1	18	13	0	0	0	0	0	2	2	4	13	-	0	1.55	-	-	-			
Gloucester	21-9	24	9.0	4.8	6.9	-	14.0	14	-1.0	31	-	-	112	-	24	1	17	13	0	0	0	1	1	2	1	1	1	6	0	1.64	-	-	-			
Cheltenham	9 9	65	8.5	3.9	6.2	+1.3	13.9	13	-1.5	30	-	-	100	162	20	1	18	14	0	0	0	0	0	0	0	0	1	-	0	1.70	-	-	-			
Cirencester	9 9	135	7.8	2.3	5.1	-	12.4	13	-3.1	30	-	-	173	218	53	1	19	15	0	0	0	0	0	1	6	8	18	-	1	-	-	-	-			
Little Rissington	21-9	226	7.0	2.8	4.9	-	11.8	12	-2.1	31	-	-	132	176	44	1	18	14	1	0	3	0	1	8	7	13	12	2	1.50	-	-	-	-			
5 ENGLAND SE																																				
Greater London																																				
Kensington Palace	9 9	25	9.5	4.4	6.9	+1.4	14.6	14	-3.4	31	6.9	8.4	57	102	16	5	14	11	0	0	0	0	0	2	3	2	24	-	1	-	-	-	-			
Hampstead	9 9	137	-	3.2	-	-	-	-	-3.5	31	-	-	70	115	23	5	15	11	0	0	0	0	0	0	3	3	8	-	1	1.68	145	-	S			
St James Park	9 9	4	9.6	4.7	7.1	+1.3	14.4	14	-3.1	31	-	-	48	94	12	5	13	10	0	0	0	0	0	0	0	1	9	-	0	-	-	-	-			
London Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.92	226	-	-				
Greenwich	9 9	7	9.4	3.5	6.5	-	14.1	13	-4.9	31	-	-	52	103	9	5	12	11	1	0	0	0	0	0	1	3	10	-	0	1.62	182	-	-			
Heathrow	21-9	25	9.3	4.2	6.7	+1.8	14.1	13	-3.9	31	-	-	67	124	19	5	15	11	0	0	1	0	2	4	3	13	6	0	1.82	-	-	-	-			
Hampton	9 9	12	9.2	3.9	6.5	-	13.4	14	-4.1	31	-	-	53	99	12	5	14	11	0	0	0	0	0	2	4	3	15	-	4	1.81	-	-	-			
Wealdstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.55	-	-	-				
Southgate	9 9	67	9.1	3.5	6.3	-	14.5	14	-4.0	31	7.2	-	72	126	26	5	13	11	0	0	0	0	0	4	3	10	-	0	1.72	-	-	-	-			
Kew	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
psychrometer screen	-	-	9.1	3.6	6.3	-	13.9	13,14	-4.9	31	6.4	7.9	59	113	15	5	13	11	0	0	0	1	1	3	5	19	17	-	0	1.90	148	-	-			
Waddon	9 9	59	9.0	3.2	6.1	+0.9	13.5	13	-6.0	31	-	-	87	124	17	4	12	12	0	0	0	0	0	0	0	4	-	-	0	-	-	-	-			
Addington	9 9	144	8.3	3.3	5.8	+1.3	13.0	14	-2.6	31	-	-	93	128	16	5	16	12	0	0	0	0	0	0	0	5	-	-	0	-	-	-	-			
Bromley	9 9	65	9.2	3.8	6.5	+1.5	14.0	14	-6.0	30,31	-	-	75	125	13	4	14	12	0	0	0	0	0	0	1	3	-	-	0	-	-	-	-			
Surrey																																				
Gatwick	21-9	59	8.7	3.0	5.9	+1.5	13.1	13	-6.2	31	-	-	111	138	17	8	17	15	1	0	1	1	3	4	8	18	9	0	1.85	-	-	-	-			
Witley	9 9	35	9.0	2.5	(5.7)	(+1.0)	13.6	14	-6.5	31	6.2	7.6	77	-	14	5	16	12	0	0	0	0	1	8	8	15	-	4	1.60	-	-	-	-			
Mickleham	9 9	55	8.5	1.4	4.9	-	12.9	13	-7.0	31	5.7	7.2	105	132	17	5	16	13	0	0	0	0	1	2	9	21	-	0	-	-	-	-	-			
Kent																																				
Hadlow College	9 9	30	8.4	1.8	5.1	-	13.1	14	-6.2	31	6.4	8.1	74	-	13	8	13	11	0	0	0	0	0	0	5	11	19	-	1	1.75	-	-	-			
Gillingham	9 9	4	(8.9)	(3.5)	(6.2)	-	13.5	14	0.0	19,20,21	-	-	67	116	13	8	12	12	0	0	0	0	0	0	0	0	-	-	0	-	-	-	-			
Peckham	21-9	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Dungeness	9 9	3	9.6	5.7	7.7	+2.0	12.1	1	-3.0	22	-	-	51	78	11	6	15	11	0	0	2	1	0	0	2	-	-	6	-	-	-	-	-			
Whitstable	9 9	3	9.4	3.4	6.4	-	13.6	13	-4.4	21	-	-	55	109	17	8	14	11	0	0	0	2	0	2	6	-	-	4	1.87	-	-	-	-			
Folkestone	9 9	31	9.2	3.3	6.3	-	11.8	1,6	-3.4	22	-	7.8	60	-	16	7	16	11	0	0	2	0	2	1	6	19	-	6	2.13	-	-	-	-			
Elmstone	9 9	5	8.9	2.1	5.5	-	13.2	13	-5.9	31	-	-	61	-	19	8	15	12	0	0	0	0	2	2	10	16	-	3	-	-	-	-	-			
Herne Bay	9 9	31	8.9	2.4	5.7	-	13.0	13	-7.0	21	7.2	-	63	-	23	8	14	12	0	0	0	0	0	6	5	10	-	0	1.94	-	-	-	-			
Dover	9 9	6	9.3	4.9	7.1	+1.3	11.9	5,6	-2.1	22	7.3	8.6	59	79	12	8	15	15	0	0	0	2	2	1	3	5	-	4	2.13	-	-	-	-			
Manston	21-9	44	8.6	4.0	6.3	-	12.6	13	-4.0	21	-	-	46	93	22	8	14	10	0	0	2	0	2	2	5	13	7	3	-	-	-	-	-			
Margate	9 9	16	9.5	4.5	7.0	+1.1	13.0	13	-0.9	23,24	6.6	8.3	48	-	24	8	12	8	0	0	0	0	1	0	3	5	-	4	2.04	137	-	S				
Goudhurst	9 9	85	8.1	2.5	5.3	-	12.2	13	-5.6	22	-	-	118	136	22	8	18	16	0	0	0	0	0	1	6	15	-	0	-	-	-	-	-			
East Malling	9 9	37	8.6	2.7	5.7	+1.0	12.9	13	-5.0	31	5.9	7.2	71	108	15	8	16	10	0	0	0	0	0	5	6	12	-	0	1.79	136	-	-	-			
Throwley	9 9	150	8.0	2.7	5.3	-	11.6	13	-3.9	21	5.2	7.1	84	104	22	8	20	12	0	0	0	0	0	5	5	18	-	7	1.94	-	-	-	-			
Faversham	9 9	48	8.6	3.0	5.8	-	12.8	13	-3.7	31	6.4	7.8	78	-	20	8	16	11	0	0	2	0	1	4	6	11	-	0	1.83	-	-	-	-			
Wye	9 9	56	8.6	2.5	5.5	+0.9	12.3	13	-4.1	31	6.5	7.9	80	101	25	8	16	15	0	0	0	1	1	6	6	17	-	7	2.03	133	-	-	-			
Sussex																																				
Thorney Island	21-9	3	9.9	4.6	7.3	-	12.9	2,13	-3.3	31	-	-	74	103	10	4	18	14	0	0	0	1	2	1	3	12	8	4	1.91	-	-	-	-			
Rogate	9 9	64	9.1	2.8	5.9	-	12.5	12,13	-5.8	31	7.1	-	158	-	27	1	18	15	0	0	0	0	1	0	7	7	24	-	1	-	-	-	-			
Bognor Regis	9 9	7	9.7	5.3	7.5	+1.6	11.9	12	0.1	22	-	8.1	94	120	26	8	16	13	0	0	1	1	1	1	0	7	-	5	2.35	122	-	-	-			
Fernhurst	9 9	57	8.9	1.5	5.2	-	12.6	13	-7.2	31	6.3	-	149	151	27	1	18	17	0	0	0	0	0	3	15	20	-	0	1.29	-	-	-	-			
Littlehampton	9 9	5	9.6	4.8	7.2	+1.6	12.1	14	-0.2	31	-	8.6	101	134	24	8	16	13	0	0	0	0	0	0	2	-	-	0	1.99	108	-	-	-			
North Heath	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Worthing	9 9	2	9.8	5.1	7.5	-	12.6	1,2	-0.2	22	7.2	-	106	-	35	8	17	13	0	0	1	0	2	0	1	15	-	4	2.11	107	-	-	-			
Brighton																																				



District, county and place		max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)											bright sunshine				
				means of				highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation 0.2 mm or more	snow or sleet 1.0 mm or more	snow or sleet lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average	max.	date	min.	date					amount (mm)	date																
5 ENGLAND SE—continued																																	
Hampshire—continued																																	
Alice Holt Lodge		9 9	115	8.1	1.8	4.9	-	12.7	13	-7.2	31	-	-	141	170	27	5	19	17	0	0	0	0	0	0	4	10	21	-	0	1.79	-	-
South Farnborough		9 9	69	8.7	3.0	5.9	+1.2	13.6	13	-4.7	31	-	-	90	131	17	4	17	11	0	0	1	0	0	0	3	4	18	10	0	1.87	139	-
Isle of Wight																																	
St Catherine's Point		9 9	16	10.2	6.3	8.3	+1.8	12.4	1	0.2	30	-	-	90	107	11	4	18	14	1	0	2	0	2	0	0	-	-	2	-	-	-	
Ventnor		9 9	122	9.9	6.3	8.1	+1.6	11.6	13,14	2.2	22	7.6	9.1	111	122	14	7	21	16	0	0	0	0	2	2	0	1	-	7	2.27	113	-	
(see Introduction)																																	
Shanklin		9 9	55	9.9	5.8	7.9	-	12.3	13	-1.0	31	-	-	118	117	15	7	18	15	0	0	0	2	3	1	-	-	0	2.04	-	S	-	
Sandown		9 9	4	10.2	6.5	8.3	+1.8	12.7	13	1.4	30	-	-	125	144	19	5	15	15	0	0	0	0	0	1	0	-	-	0	2.17	-	-	
Ryde		9 9	4	9.9	5.9	7.9	+1.6	13.0	13	-1.6	31	-	-	120	138	16	4.5	18	14	0	0	3	0	1	1	1	-	0	1.96	110	-	-	
Wiltshire																																	
Lacock		9 9	49	(9.1)	(2.4)	(5.7)	-	13.0	12,14	-3.4	31	-	-	(121)	178	28	1	(17)	(15)	0	0	0	0	0	3	6	16	-	0	-	-	-	
Lyneham		21-9	145	8.1	3.5	5.8	+1.4	12.5	13	-3.1	30,31	-	-	113	162	36	1	17	14	1	0	1	0	1	3	5	15	15	0	1.78	-	-	
Larkhill		9 9	132	8.7	3.1	5.9	+1.5	13.2	13	-6.7	31	-	-	133	177	32	5	21	15	0	0	0	0	1	3	2	13	8	0	-	-	-	
Boscombe Down		21-9	126	8.5	3.3	5.9	+1.2	12.9	13	-5.9	31	-	-	121	157	22	5	20	13	0	0	1	0	2	4	3	14	13	2	1.64	103	-	
Upavon		21-9	176	8.1	3.2	5.7	-	12.8	13	-4.1	31	-	-	123	152	29	5	19	12	0	0	0	1	1	1	2	17	6	1	-	-	-	
Porton		9 9	111	8.7	2.4	5.5	+1.1	13.4	13	-7.4	31	6.2	-	119	147	20	5	19	15	-	0	-	-	-	3	5	18	13	4	1.82	106	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield		9 9	13	(9.1)	(4.1)	(6.6)	-	13.8	17	-1.0	25	-	-	95	88	21	11	19	13	0	0	0	0	0	2	2	4	-	0	1.16	-	-	
Bromfield		9 9	20	9.2	2.5	5.9	-	14.2	18	-4.8	25	-	-	71	-	19	11	15	10	0	0	3	1	1	2	7	9	7	3	-	-	-	
Carlisle		21-9	26	8.5	3.8	6.1	-	14.4	14	-4.6	24	-	-	57	-	12	11	15	12	1	0	4	0	1	0	4	13	7	1	1.40	-	-	
Newton Rigg		9 9	171	7.3	1.8	4.5	+0.8	12.3	14	-3.7	24	4.1	-	104	124	26	11	17	14	1	1	0	0	1	0	6	18	-	0	1.54	147	-	
Westmorland																																	
Great Dun Fell		21-9	047	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	7	0	1	1	19	-	-	15	1.31	-	-		
Moor House		9 9	556	4.6	-1.0	1.8	-	9.6	14	-8.0	10	2.9	-	206	107	45	11	20	14	9	7	0	1	0	7	17	29	-	9	1.16	-	-	
Lancashire																																	
Squires Gate		21-9	10	8.1	3.6	5.9	+0.7	13.4	14	-3.7	24	-	-	83	103	12	11	17	13	1	0	0	2	0	2	5	9	5	1	0.91	75	-	
Aigburth		9 9	14	8.7	3.7	6.2	-	13.0	13,14	-1.3	24	-	-	48	-	11	5	14	11	0	0	0	0	0	3	3	7	5	0	1.06	-	-	
Southport		9 9	5	8.4	2.6	5.5	-	13.4	14	-3.5	24	5.6	8.8	83	107	19	11	19	14	0	0	0	0	0	2	4	8	-	0	0.90	-	-	
Cartmel		9 9	34	8.0	2.4	5.2	-	12.3	14	-3.9	24	-	-	140	-	25	11	20	16	0	0	0	0	1	2	6	-	-	0	-	-	-	
Grizedale		9 9	91	(7.7)	(1.7)	(4.7)	-	11.7	13	-5.0	24	(5.0)	-	206	-	38	11	21	18	0	0	0	0	0	2	8	22	-	0	-	-	-	
Speke		21-9	22	8.2	3.6	5.9	-	12.9	14	-3.0	24	-	-	51	71	11	5	14	10	1	0	0	0	0	5	3	8	7	0	1.10	-	-	
Kirkham		9 9	24	(8.2)	(2.7)	(5.5)	-	12.7	14	-3.7	9	-	-	95	107	15	11	18	15	0	0	1	0	1	3	5	(17)	-	0	(0.95)	-	-	
Bailrigg		9 9	53	8.5	3.2	5.9	-	13.5	14	-2.9	9	-	-	97	-	17	11	16	15	0	0	0	0	0	0	3	14	-	0	1.15	-	-	
Morecambe		9 9	7	8.4	3.6	6.0	+1.0	13.0	17	-1.8	24	-	-	107	116	19	11	19	15	0	0	0	0	0	0	4	-	0	1.43	123	-	-	
Preston		9 9	33	8.4	3.3	5.9	-	13.0	13,14	-3.0	24	-	-	111	122	20	11	18	14	0	0	1	1	1	3	4	9	-	0	-	-	-	
Bolton		9 9	107	7.9	2.3	5.1	-	12.4	13	-4.5	24	5.5	6.7	94	-	13	2	18	14	0	0	0	0	0	0	4	5	13	-	3.92	-	-	
Stonyhurst		9 9	115	7.6	2.5	5.1	+0.8	12.3	13	-1.7	24,25	-	-	130	115	22	5	16	13	0	0	0	0	0	2	6	-	-	0	1.08	99	-	
Manchester Weather Centre		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.28	-	-	
Helmshore		9 9	260	6.9	1.9	4.4	-	12.0	17	-3.0	23	5.1	-	143	103	21	1	17	14	1	0	1	0	0	6	8	19	-	3	0.90	-	-	
Nelson		9 9	165	7.6	1.9	4.7	-	12.2	12	-3.8	24	4.6	6.6	122	115	17	11	17	14	0	0	0	0	0	1	5	17	-	0	0.78	-	S	
Rochdale		9 9	110	8.1	2.2	5.1	-	13.0	18	-2.5	9	-	-	117	108	22	5	17	15	0	0	0	0	0	3	6	15	-	0	-	-	S	
Cheshire																																	
West Kirby Park		9 9	8	8.9	3.8	6.3	-	14.2	14	-2.1	24	-	-	49	69	9	11	16	11	0	0	0	0	0	0	2	9	-	0	1.25	-	-	
Ness Gardens		9 9	55	8.6	3.0	5.8	-	14.2	13	-1.7	24	5.6	-	53	-	12	5	16	9	0	0	0	0	0	0	3	26	-	2	1.01	-	-	
Winnington		9 9	20	8.6	3.5	6.1	-	13.6	13	-1.3	24	-	-	63	91	17	5	14	10	0	0	0	0	0	4	2	7	-	0	-	-	-	
Knutsford		9 9	65	8.1	2.4	5.3	-	12.5	12,13,14	-2.0	24	5.0	6.4	67	89	18	5	14	10	0	0	0	0	0	1	5	20	-	0	-	-	-	
Ringway		21-9	75	8.4	3.7	6.1	+1.6	13.2	13,17	-2.4	9,24	-	-	71	102	19	5	14	10	0	0	0	0	1	1	5	5	7	0	1.69	166	-	
Macclesfield		9 9	152	8.1	2.8	5.5	+1.5	12.8	14	-2.0	23	-	-	58	73	11	2	17	12	0	0	0	0	1	0	5	-	-	0	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl		9 9	9	9.8	4.3	7.1	+1.1	14.8	14	-1.8	25	-	-	52	82	10	5	16	11	0	0	0	0	0	0	2	8	-	0	0.93	70	-	
Prestatyn		9 9	1	9.9	4.1	7.0	-	14.9	14	-1.0	24	-	-	49	72	9	6	17	12	0	0	0	0	0	0	1	-	-	0	0.42	34	-	
Hawarden Bridge		9 9	5	8.9	2.9	5.9	+0.7	14.5	14	-2.5	24	-	-	66	105	16	5	16	9	0	0	0	0	0	0	4	3	-	0	-	-	-	
Anglesey																																	
Valley		21-9	10	10.3	6.2	8.3	+1.4	15.6	18	-1.1	24	-	-	85	95	17	11	18	16	0	0	0	4	2	0	3	2	2	7	1.27	91	-	
Denbigh																																	
Colwyn Bay		9 9	24	9.9	4.6	7.3	-	14.7	14	0.1	24	6.5	-	73	-	15	11	17	13	0	0	0	0	0	0	0	-	-	0	1.70	136	S	
Alwen		9 9	335	7.2	1.2	4.2	-	11.5	12,14	-6.5	24	-	-	152	-	37	5	16	14	0	0	0	0	0	0	10	22	-	0	-	-	-	
Ruthin		9 9	76	9.4	2.9	6.1	-	14.1	14,15	-3.4	24	-	-	93	-	21	5	17	11	0	0	0	0	0	1	6	-	-	1	1.34	-	-	
Loggerheads		9 9	210	9.0	2.2	5.6	-	13.0	14	-2.3	20	5.3	6.5	82	-	21	5	20	14	3	1	0	0	0	0	4	8	-	0	0.88	-	S	
Bwlchgwyn		9 9	386	6.5	1.9	4.2	-	11.0	12,14	-1.0	23,24	5.0	-	105	98	24	5	21	15	1	0	0	0	0	2	3	11	-	0	-	-	-	
Wrexham		9 9	88	8.5	3.7	6.1	-	15.1	13	-1.2	24	-	7.3	83	121	13	31	19	12	0	0	0	0	0	4	7	17	-	0	-	-	-	
Caernarvon																																	
Bardsey Island		21-9	18	9.9	6.7	8.3	-	12.0	1	1.2	24	-	-	109	-	2																	



Table 3 Summary of daily observations

December 1972

District, county and place	max terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine				
			means of			difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure
			max. (a)	min. (b)	daily mean (mean of a & b)		max.	date	min.	date					amount (mm)	date															
8a SOUTH WALES—continued																															
Cardigan—continued																															
Llety-evan-hen	9 9	290	8.3	3.9	6.1	-	13.3	18	-0.8	23	-	-	120	85	16	11	18	17	0	0	4	0	0	0	1	10	-	0	1.23	93	-
Cwmystwyth	9 9	301	7.9	2.5	5.2	-	12.0	14.18	-2.5	21	-	-	185	-	29	1	21	18	0	0	0	0	0	6	14	-	0	0.78	-	S	
Pembroke																															
Dale Fort	9 9	33	(10.3)	(6.2)	(8.3)	-	12.0	30	-0.1	27	8.0	-	94	-	13	3	20	17	0	0	2	1	0	1	(1)(11)	-	4	0.80	-	-	
Milford Haven	21-9	37	10.0	7.1	8.5	-	12.0	1.5,14	2.4	24	-	-	133	-	19	3	20	20	0	0	0	0	0	0	0	0	0	8	-	-	-
Conservancy Board	9 9	61	9.9	5.1	7.5	-	12.0	12	0.5	24	7.9	-	143	-	18	3	20	20	0	0	2	0	0	0	0	9	-	0	-	-	-
Orielton	9 9	8	9.9	3.9	6.9	-	12.6	12	-1.5	24	-	-	169	-	23	3	20	20	0	0	0	0	0	0	4	-	0	0.61	-	-	-
Haverfordwest	9 9	8	9.9	3.9	6.9	-	12.6	12	-1.5	24	-	-	169	-	23	3	20	20	0	0	0	0	0	0	4	-	0	0.61	-	-	-
Carmarthen																															
Carmarthen	9 9	15	9.7	3.2	6.5	-	13.5	18	-2.5	12	7.0	8.2	239	161	32	5	21	20	0	0	2	0	0	0	6	20	-	7	1.24	-	-
Esgairwen-Uchaf	9 9	332	7.6	3.3	5.5	-	11.9	18	-0.5	23	-	-	216	-	30	11	21	21	0	0	5	2	1	1	1	10	-	5	-	-	-
Brynamman	21-9	183	-	-	-	-	-	-	-	-	-	-	241	-	27	3	23	20	0	0	6	0	5	1	-	-	0	-	-	-	-
Radnor																															
Cenarth Mill	21-9	282	7.4	2.9	5.1	-	12.2	12.13	-1.1	19	-	-	175	-	32	5	23	17	0	0	0	0	0	4	8	16	-	0	-	-	-
Llandrindod Wells	9 9	235	7.9	2.2	5.1	+1.0	12.4	14	-3.0	30	6.1	-	180	163	37	5	20	18	0	0	0	0	1	2	6	-	0	1.13	110	S	
Brecknock																															
Llwynon	9 9	242	7.9	2.6	5.3	-	12.2	12	-1.3	30	-	-	318	-	52	5	21	19	0	0	0	0	2	7	4	-	0	0.88	-	S	
Glamorgan																															
Mumbles	21-9	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Penmaen	9 9	82	9.1	5.0	7.1	-	12.5	14	1.1	21,22	7.1	8.0	198	-	33	5	20	20	0	0	1	5	3	1	0	5	4	4	0.97	-	-
Swansea	9 9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Port Talbot	9 9	7	9.9	5.7	7.8	-	13.4	14	0.0	30	-	-	179	161	21	5	20	20	0	0	4	0	4	0	0	5	-	0	1.39	-	-
Neath	9 9	62	9.6	5.3	7.5	-	13.1	14	0.5	11	-	-	213	161	36	5	22	20	0	0	3	0	2	0	0	5	-	0	-	-	-
Porthcawl	9 9	6	9.4	5.5	7.5	-	12.7	14	0.0	30	-	-	175	176	20	6	22	18	0	0	0	0	0	2	0	-	-	1	1.58	-	-
Rhose	21-9	67	8.9	5.0	6.9	-	12.8	12	-0.5	30	-	-	98	101	17	1	18	17	1	0	7	0	3	2	1	5	5	0	1.23	95	-
Cardiff	9 9	62	8.8	4.2	6.5	+1.0	12.6	12	-0.6	31	7.3	8.8	145	131	27	1	22	19	0	0	1	0	1	2	2	10	-	0	0.92	-	S
Monmouth																															
Tredegar	9 9	313	7.5	2.2	4.9	-	12.0	12.13	-2.5	11	-	-	302	171	41	5	22	20	0	0	2	0	3	7	4	16	-	1	0.85	-	-
Newport	9 9	23	9.0	3.4	6.2	+0.9	12.7	12	-1.0	31	-	-	175	167	28	1	21	18	0	0	4	0	2	2	4	15	-	1	1.09	-	-
Usk	9 9	21	(8.5)	(2.8)	(5.7)	-	12.5	5,12,14	-4.0	19	(6.3)	-	201	191	34	1	17	16	0	0	0	0	1	13	5	12	-	0	(0.91)	-	-
Crumbland	9 9	245	7.3	2.9	5.1	-	11.8	13	-2.3	22	5.8	6.9	206	197	32	1	20	19	0	0	0	0	2	5	5	12	-	2	1.47	-	-
8b ENGLAND SW																															
Somerset																															
Hawkrig	9 9	314	8.0	3.2	5.6	-	11.4	12	-3.0	21	-	-	262	155	35	5	21	18	1	0	5	1	1	2	4	16	-	0	1.28	-	-
Nettlecombe	9 9	96	9.3	3.9	6.6	-	13.5	12	-1.7	21	6.1	-	179	-	34	5	18	16	0	0	0	0	0	0	4	9	-	0	-	-	-
Cannington	9 9	23	9.4	4.2	6.8	-	13.5	12,13	-1.0	30,31	7.3	-	103	135	27	1	19	14	0	0	0	0	0	3	2	13	-	0	1.50	92	-
Crickle Malherbie	9 9	76	9.8	3.1	6.5	-	13.7	13	-4.4	21	-	-	125	-	27	1	21	15	0	0	0	0	0	2	7	9	9	4	-	-	-
Cheddar	9 9	11	-	-	-	-	-	-	-	-	(7.0)	-	97	-	32	1	17	16	0	0	0	0	0	1	-	-	-	0	-	-	-
Yeovilton	21-9	18	9.6	2.8	6.2	-	13.1	13	-3.7	21	-	-	115	-	26	1	20	14	0	0	1	0	1	1	9	19	-	0	-	-	-
Rodney Stoke	9 9	40	9.6	3.5	6.5	-	12.9	13	-3.6	31	7.3	8.8	106	-	39	1	19	16	0	0	0	0	1	1	2	17	-	0	-	-	-
Long Ashton	9 9	49	9.4	3.6	6.5	+1.1	13.5	12	-1.9	31	6.3	-	147	165	35	1	19	15	0	0	0	0	1	2	3	13	-	0	1.53	105	-
West Camel	9 9	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Downside Abbey	9 9	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wincanton	9 9	114	9.2	3.3	6.3	-	13.3	13	-3.5	30	-	-	144	-	38	5	20	16	0	0	0	0	1	4	2	10	-	0	-	-	-
Bath	9 9	118	8.8	3.9	6.3	-	13.2	12,13	-1.7	31	6.9	-	137	182	49	1	19	17	0	0	0	0	2	0	4	2	-	0	-	-	S
Dorset																															
Portland Bill	21-9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coastguard	9 9	23	10.3	5.0	7.7	+1.0	12.3	5	-0.1	31	-	-	119	-	16	6	19	18	0	0	0	0	1	0	1	-	-	0	2.08	-	-
Weymouth	9 9	26	10.4	4.3	7.3	-	13.0	13	-2.5	31	-	-	135	-	17	6	19	17	0	0	2	0	1	4	5	16	-	0	-	-	-
Winfrith	9 9	26	10.6	5.9	8.3	+1.4	12.6	12	1.7	30	8.2	9.0	131	115	23	1	21	19	0	0	0	0	2	0	1	0	10	-	2	1.81	104
Shaftesbury	9 9	207	8.4	2.6	5.5	+0.9	14.1	14	-3.6	31	-	-	148	168	24	1	26	20	0	0	1	0	0	2	8	-	-	0	-	-	-
Swanage	9 9	11	10.4	6.0	8.2	-	13.1	13	-1.8	31	-	9.7	112	127	21	6															



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District, county and place	max/min of observation		height of station above MSL (metres)	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)		weather (number of days)										bright sunshine										
	max	min		means of		daily mean (mean of a & b)	difference from 1931-60 average	highest max. and lowest min.				30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	amount (mm)	most in a day	precip- itation	snow or sleet	snow lying at 09h	ice pellets, etc. hail	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure				
				(a)	(b)			max.	date	min.	date																							
NORTHERN IRELAND																																		
Londonderry																																		
Coolkeeragh	9 9	3	9.7	2.8	6.3	-	13.6	14	-3.0	9	-	-	-	-	-	-	23	17	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Loughmore Forest	9 9	174	8.2	1.8	5.0	-	12.2	14	-6.5	8	-	-	96	-18	11	23	17	8	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Banagher Caugh Hill	9 9	216	8.2	2.7	5.5	-	11.6	14	-1.5	11,25	-	-	144	-28	11	24	17	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Derrynoyd Forest	9 9	88				-					-	-	117	-19	4	21	19																	
Somerset Forest	9 9	43	8.4	2.6	5.5	-	12.1	18,30	-5.4	8	-	-	88	-12	11	22	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Coleraine University	9 9	23	8.6	2.0	5.3	-	13.0	14,30	-4.4	8	6.0	8.0	86	-15	11	21	16	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
Garvagh Forest	9 9	88	8.2	2.1	5.1	-	12.3	14	-4.5	8	4.5	6.6	124	-27	11	22	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Moneydig	21-9	34	7.9	2.6	5.3	+0.4	12.9	14	-5.9	8	6.0		99	90	21	11	21	17	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tread Point	9 9	16																																
Antrim																																		
Ballymoney	9 9	56	9.4	2.1	5.7	-	13.1	17	-3.2	25	-	-	77	-11	4	21	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lisnafillan	9 9	38	9.0	1.7	5.3	-	13.1	14	-6.6	24	-	-	95	-15	4	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Aldergrove	21-9	68	8.2	3.5	5.9	+1.0	12.8	14	-5.1	9	5.8	8.1	69	70	12	4	21	14	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Greenmount	9 9	32	9.2	2.5	5.9	-	13.0	14	-7.5	24	5.5	-	72	-10	4	25	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Altnahinch	9 9	226	7.3	2.1	4.7	-	11.4	18	-2.2	24	-	-	115	-19	11	22	19	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Parkmore Forest	9 9	235	7.2	2.1	4.7	-	11.2	14	-3.8	24	4.9	-	118	69	18	11	22	19	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Black Mountain	21-9	295																																
Lowtown	9 9	271	7.0	1.6	4.3	-	10.6	14	-4.5	12	4.9	-	105	-11	4	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ballypatrick Forest	9 9	152	8.1	2.7	5.4	-	12.2	14	-2.6	8	-	-	99	76	17	11	21	18	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Belfast Malone	9 9	35	9.2	2.1	5.7	-	12.8	12	-6.1	25	5.6	-	76	-12	27	25	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Newtownabbey	9 9	32	9.0	3.7	6.3	-	12.9	12	-3.1	9	5.7	-	73	-9	27	22	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Woodburn North	9 9	217	7.4	2.0	4.7	-	11.0	12	-3.0	25	-	-	90	69	13	4	23	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Larne	9 9	43	9.0	3.2	6.1	-	12.7	12,14	-2.3	9	-	-	93	80	18	4	21	18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kilroot	9 9	22	9.4	4.0	6.7	-	12.0	15	-2.6	8	-	-	50	-7	11	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Ballylumford	9 9	24	9.1	4.0	6.5	-	12.8	12	-0.1	24	-	-	76	-14	11	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Down																																		
Hillsborough	9 9	116	8.8	3.1	5.9	+1.1	12.2	14	-2.8	24	5.9	7.5	80	88	12	4	18	14	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kilkeel	21-9	18																																
Rosetta	9 9	24	9.0	2.6	5.8	-	13.0	14	-4.3	24	-	-	73	-14	25	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Murlough	9 9	9	9.3	3.3	6.3	-	12.7	12	-7.6	8	5.5	6.6	127	-40	11	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Belfast Rosebank	9 9	47	9.3	2.9	6.1	-	12.6	14	-6.5	25	-	-	84	-14	25	21	17	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stormont Castle	9 9	56	9.4	3.3	6.3	-	12.5	15,18	-5.7	25	5.1	6.9	75	78	12	28	24	17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Downpatrick	9 9	26	9.2	3.7	6.5	-	12.3	14	-4.0	8,24,25	-	-	86	-27	28	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Creightons Green	9 9	119	8.3	3.2	5.7	-	11.7	12	-2.0	8	-	-	79	-12	28	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cross Island	-	-				-	-				-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Helens Bay	9 9	43	8.7	3.6	6.1	-	12.3	12	-1.8	24,25	-	-	73	-12	25	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Killough	21-9	15				-	-				-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ballywalter Park	-	11				-	-				-	-	67	72	18	28	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Armagh																																		
Armagh	9 9	62	8.8	2.6	5.7	+0.6	12.6	14	-6.2	8	6.0	7.7	70	88	11	4,11	22	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Loughall	9 9	25	9.1	2.4	5.7	-	13.0	14	-6.0	9,24	-	-	63	85	12	4	20	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Tandragee	9 9	43	9.6	3.0	6.3	-	13.0	13,14	-5.7	24	-	-	73	-12	27	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bessbrook	-	76				-	-				-	-	104	01	15	4	21	17	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Portadown	9 9	16	9.5	2.9	6.2	-	13.2	14	-5.8	8	6.1	7.3	70	-11	27	21	13	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lurgan	9 9	55	9.1	2.7	5.9	-	13.1	14	-5.2	24	5.6	7.5	65	-13	4	21	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Tyrone																																		
Lough Bradan	9 9	169	7.7	2.1	4.9	-	11.6	13	-4.2	8	-	-	145	-19	4	26	19	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-		
Baronscourt Forest	9 9	88	8.3	2.3	5.3	-	12.5	14	-6.0	24	5.5	7.5	107	-22	4	26	16	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Strabane Convent	9 9	44	9.2	3.3	6.3	-	13.0	14,18	-3.5	8	-	-	88	-13	11	23	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Carrigans	21-9	113	7.6	3.1	5.3	-	12.2	14	-5.1	24	-	-	105	-17	4	25	18	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lislap Forest	9 9	209	8.1	1.7	4.9	-	11.4	14	-6.5	29	5.3	-	108	79	19	4	22	21	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
Knockmany Forest	9 9	73	9.0	1.4	5.2	-	12.9	14	-7.3	8,9	-	-	93	88	18	4	22	15	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Pomeroy Forest	9 9	165	7.7	2.1	4.9	-	11.8	14	-4.5	25	5.4	-	97	-13	4	23	19	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Cookstown	9 9	77	8.4	1.9	5.1	-	12.7	14	-5.5	24	5.0	-	87	87	12	4	23	16	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fermanagh																																		
Roscor	9 9	143				-					-	-	129	-18	4	25	20	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Lough Navar Forest	9 9	148	8.3	0.4	4.3	-	11.6	13	-8.2	24	-	-	108	-10	17	29	26	20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
Castle Archdale	9 9	66	8.8	2.3	5.5	-	13.5	15	-7.5	29	5.7	7.1	105	101	17	29	22	20	1	-	0	0	0	0	0	0	0	0	0	0	0	0	0	
Forest	9 9	49	9.1	2.2	5.7	-	12.6	14	-7.0	25	-	-	95	-14	29	22	14	0	-	0	0</													







Table 4 Summary of observations at fixed hours

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height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility						wind speed and direction																			
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas						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															
								mean	0	1-2	3-5	6-7	8											sky obscured	speed (kt)					N	NE	E	SE	S	SW	W	NW		
																									8 or more	6-7	4-5	1-3	calm										
																									number of observations														
6a	SCOTLAND W—continued Eskdalemuir, Dumfriesshire 237	3 9 15 21	1010.9 1011.2 1010.4 1011.5	- +0.7 - -	3.4 2.9 4.8 3.5	0.4 0.5 0.6 0.5	7.4 7.1 7.9 7.3	93 93 91 92	6.7 6.6 6.9 5.5	1 3 1 3	1 1 2 3	6 0 1 7	4 8 9 13	15 16 17 13	4 3 1 2	1 0 0 0	3 2 0 4	2 3 3 2	4 6 3 2	6 6 8 9	8 6 6 6	1 5 3 3	0 0 1 1	0 0 0 0	2 1 7 0	8 7 13 14	13 13 12 8	8 10 6 9	0 2 1 2	0 0 0 0	0 0 0 0	6 2 3 2	8 9 12 9	8 7 9 8	1 0 0 1	0 1 0 0			
6b	ISLE OF MAN Ronaldsway 21	3 9 15 21	1010.1 1010.1 1009.8 1010.8	- -1.2 - -	7.0 7.6 8.3 7.2	1.1 1.1 1.2 1.1	8.6 8.7 9.2 8.6	84 84 83 83	5.9 6.6 6.4 6.5	0 0 0 0	7 1 2 2	3 5 6 6	9 17 10 11	12 8 13 12	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	2 2 4 4	13 5 10 7	13 13 8 6	4 2 6 4	7 7 7 3	5 8 6 4	0 0 1 0	8 8 6 7	13 16 19 16	9 7 5 5	1 0 0 0	2 4 3 3	1 1 1 0	2 2 5 5	6 4 8 7	9 9 9 6	5 5 6 6	2 2 3 3	1 0 1 0	0 1 0 0	
	Point of Ayre 9	3 9 15 21	1010.0 1010.1 1009.9 1010.8	- - - -	6.8 6.8 7.9 6.7	0.7 0.7 0.9 0.7	8.9 9.0 9.3 8.9	89 90 87 89	4.9 5.1 5.8 5.3	3 0 0 3	3 3 3 4	10 5 9 8	8 8 8 1	7 7 12 15	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	7 8 10 9	8 8 11 6	4 7 5 9	13 8 11 9	4 7 7 9	13 10 17 18	8 7 5 4	1 3 7 2	1 0 0 1	0 0 0 0	0 0 0 0	11 9 9 10	7 8 8 7	8 8 8 6	3 4 4 5	0 1 0 0	0 1 0 0			
2	ENGLAND NE Acklington, Northumberland 46	3 9 15 21	1011.5 1012.0 1011.3 1012.0	- +1.8 - -	3.9 4.0 5.9 4.2	0.5 0.5 0.9 0.6	7.6 7.6 8.1 7.6	93 92 87 91	5.4 6.0 5.6 5.2	2 0 1 3	5 3 5 6	7 8 5 5	5 8 12 3	11 7 7 13	1 3 1 1	0 1 0 0	0 2 1 2	3 2 1 0	3 3 1 2	7 7 3 4	5 8 11 9	8 5 11 10	5 6 6 1	0 1 1 0	0 0 0 0	1 2 3 4	9 7 10 6	19 21 17 20	2 1 1 1	0 1 0 0	0 0 0 0	0 0 0 0	1 1 2 2	11 13 10 14	8 7 13 14	8 7 13 5	1 1 1 0	0 0 0 0	
	Tynemouth, Northumberland 40	3 9 15 21	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		
	Seahouses, Northumberland 12	3 9 15 21	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	
	Leeming, Yorkshire N.R. 33	3 9 15 21	1013.1 1013.8 1013.0 1013.7	- +1.9 - -	4.5 4.0 5.6 5.0	0.6 0.4 0.7 0.6	7.8 7.7 8.2 8.0	90 93 90 91	5.9 6.7 6.1 7.5	6 2 0 0	1 1 0 0	2 0 1 2	4 13 15 6	10 11 9 17	8 4 5 5	1 0 0 0	5 3 4 1	2 2 3 3	1 3 4 4	4 2 4 5	0 2 2 5	3 9 1 5	3 1 1 6	4 4 2 2	6 1 4 5	3 1 2 2	13 9 9 20	15 17 19 23	3 4 2 3	0 0 0 0	0 0 0 0	0 0 0 0	6 9 8 5	15 16 14 16	6 2 5 9	1 0 2 2	0 0 0 0	0 0 0 0	
	Whitby Coastguard, Yorkshire N.R. 66	3 9 15 21	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	
	Kilnsea, Yorkshire E.R. 16	3 9 15 21	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -
	Waddington, Lincolnshire 69	3 9 15 21	1015.1 1015.8 1015.1 1015.6	- +2.9 - -	4.3 4.2 5.9 5.1	0.4 0.4 0.6 0.5	7.9 7.8 8.6 8.2	93 93 90 93	5.4 6.0 6.5 6.6	5 1 2 3	4 5 2 0	2 10 12 2	5 8 11 5	11 10 12 6	4 5 6 2	0 0 0 0	4 2 3 1	2 3 3 2	3 3 4 1	3 3 4 5	2 2 3 2	12 9 11 8	2 2 3 3	0 9 2 0	0 2 1 0	0 2 2 2	10 14 17 15	19 13 15 10	0 2 0 2	1 0 0 0	0 0 0 0	1 1 3 1	10 10 5 11	4 7 8 10	13 11 9 9	1 1 1 1	1 0 0 0		
	Binbrook, Lincolnshire 109	3 9 15 21	1014.8 1015.6 1014.9 1015.3	- - - -	4.0 3.8 5.8 4.8	0.4 0.4 0.7 0.5	7.8 7.7 8.3 8.1	93 94 90 92	5.5 6.3 6.4 6.2	3 0 1 2	5 5 3 2	4 3 1 3	4 8 17 10	11 12 8 11	4 12 1 3	4 0 1 0	0 3 0 3	0 1 0 1	2 3 3 7	6 4 3 4	5 10 5 10	11 11 10 6	0 2 0 0	0 5 10 0	0 2 0 0	0 5 9 8	15 15 18 15	11 9 10 8	2 2 1 4	0 1 0 0	0 0 1 0	0 0 1 0	5 5 4 5	14 16 14 12	8 7 10 10	1 0 0 0	1 0 0 0		
	Manby, Lincolnshire 14	3 9 15 21	1015.0 1015.9 1015.1 1015.5	- +3.1 - -	4.1 4.0 6.3 5.1	0.4 0.3 0.7 0.5	7.9 7.9 8.6 8.2	93 95 89 93	5.5 6.2 6.4 6.3	6 0 1 1	2 6 3 3	3 8 2 3	3 12 14 10	5 5 1 11	0 3 1 3	4 2 0 0	0 5 1 0	0 2 0 0	1 2 1 3	2 7 10 7	7 6 8 3	4 4 9 3	0 0 0 0	0 0 0 0	0 0 0 0	1 12 12 13	16 15 16 14	2 3 1 2	0 0 1 0	0 0 2 0	1 5 6 7	11 5 13 12	6 7 8 9	6 1 8 1	1 1 0 0	0 0 0 0			
3	ENGLAND E Marham, Norfolk 24	3 9 15 21	1016.1 1017.0 1016.1 1017.2	- +3.3 - -	4.5 4.5 7.0 5.0	0.4 0.4 0.7 0.4	8.1 8.2 8.1 9.3	94 94 89 93	4.7 5.9 6.0 5.7	3 0 3 3	8 7 3 4	5 10 14 3	5 8 11 14	9 5 9 3	2 0 0 3	5 2 0 1	0 0 0 0	4 1 0 2	1 1 0 1	1 5 7 5	4 4 10 8	7 5 7 8	8 5 6 2	4 9 7 0	0 0 0 0	0 12 3 1	19 17 18 11	2 2 0 1	1 0 1 0	0 0 3 0	0 10 11 11	12 10 13 12	7 11 13 3	1 1 2 3	0 0 2 0	0 0 0 0			
	Coltishall, Norfolk 17	3 9 15 21	1016.7 1017.7 1016.9 1017.3	- - - -	5.0 5.1 7.1 5.2	0.6 0.6 0.8 0.5	8.1 8.1 8.7 8.3	91 90 85 92	5.8 6.1 6.2 5.7	4 1 2 3	3 4 3 5	4 14 17 6	2 13 9 13	14 9 17 13	4 0 1 2	0 0 0 0	4 0 2 0	0 0 0 0	2 3 1 2	3 3 2 5	6 8 7 6	5 11 10 6	5 2 7 1	6 2 0 0	0 0 0 0	0 12 8 10	15 17 15 16	4 6 6 5	0 0 0 0	0 0 0 0	4 6 6 8	4 6 11 9	6 10 9 7	10 9 8 0	2 0 0 0	1 2 0 1			
	Gorleston, Norfolk 8	3 9 15 21	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -	- - - -		
	Honington, Suffolk 51	3 9 15 21	1016.6 1017.5 1016.7 1017.1	- +3.8 - -	5.0 5.0 7.2 5.6	0.6 0.6 0.8 0.7	8.1 8.2 8.6 8.4	91 91 83 90	4.8 6.0 6.1 6.0	6 1 2 5	5 6 3 0	4 13 3 8	10 13 9 13	3 1 0 2	0 0 1 3	0 4 0 0	2 0 1 0	2 0 0 0	2 0 0 0	2 2 1 6	5 12 7 4	12 6 12 9	4 5 4 7	2 5 3 2	0 1 1 0	0 0 2 1	11 11 18 17	17 22 18 13	3 2 1 3	1 0 0 0	0 1 0 0	1 2 2 2	9 8 9 9	6 14 5 3	2 1 5 3	0 1 1 1	0 0 0 0		
	Wattisham, Suffolk 91	3 9 15 21	1017.0 1018.0 1017.1 1017.5	- - - -	5.2 5.2 7.0 6.0	0.4 0.5 0.8 0.5	8.4 8.4 9.0 8.8	93 93 89 92	4.3 6.1 6.2 5.8	9 0 2 4	4 0 2 2	3 4 11 9	4 9 11 11	2 2 1 1	0 0 1 0	0 2 0 0	0 4 0 1	0 9 4 4	0 8 7 6	11 5 11 6	3 3 3 0	3 3 3 0	1 1 0 0	0 0															



Table 4 Summary of observations at fixed hours

December 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility										wind speed and direction															
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	visibility										beaufort force															
								mean	0	1-2	3-5	6-7		8	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	34 or more	speed (kt)					N	NE	E	SE	S	SW	W	NW	
																										6-7	4-5	1-3	calm										
																														0									
number of observations																																							
3 ENGLAND E—continued																																							
Cardington, Bedfordshire																																							
29	3	1016.1	-	4.8	0.4	8.3	94	5.2	5	5	3	2	13	3	0	2	1	1	3	3	9	9	3	0	0	1	9	19	2	0	0	3	9	4	12	1	0		
	9	1016.9	+2.9	5.0	0.5	8.3	93	6.1	1	3	4	8	13	2	0	0	3	2	0	5	8	7	3	0	0	0	10	17	4	1	0	0	4	7	11	6	1	0	
	15	1016.1	-	7.4	0.8	9.1	88	6.4	1	1	4	15	9	1	0	0	0	0	3	4	13	7	3	0	0	0	1	8	21	1	0	0	1	5	10	9	2	0	
	21	1016.6	-	5.9	0.6	8.6	91	6.2	2	2	4	8	12	3	0	0	3	0	0	2	4	13	8	1	0	0	1	10	19	1	0	1	3	7	7	11	1	0	
Stansted, Essex																																							
102	3	1016.8	-	4.8	0.5	8.2	93	5.2	2	7	6	2	9	5	0	2	1	2	1	3	6	11	3	0	0	0	1	9	15	6	1	0	3	8	3	10	4	0	
	9	1017.7	+3.2	4.8	0.4	8.3	94	5.8	2	5	2	9	10	3	0	4	2	2	2	3	5	9	5	3	0	0	0	10	19	6	0	0	0	1	8	6	9	1	0
	15	1016.7	-	6.9	0.8	8.9	88	6.3	2	2	2	11	12	2	0	1	2	2	2	2	10	11	1	0	0	0	10	18	3	1	0	0	2	7	9	8	1	0	
	21	1017.3	-	5.3	0.5	8.4	92	6.0	2	3	5	7	10	4	0	3	1	2	3	3	9	9	1	0	0	0	14	14	3	0	0	3	7	9	9	0	0		
Shoeburyness, Essex																																							
5	9	1018.5	+3.9	6.2	0.7	8.5	89	6.1	1	3	4	14	9	0	0	0	1	2	2	4	9	6	7	0	2	8	15	2	1	1	2	5	12	6	1	1	0		
	15	1017.6	-	7.7	1.0	9.1	86	6.1	0	5	3	11	10	2	0	0	2	0	1	1	13	6	6	0	0	3	14	12	2	2	0	3	5	8	10	1	0		
	21	1018.2	-	6.6	0.7	8.9	90	5.3	7	1	2	10	10	1	0	0	2	0	2	3	0	5	5	3	0	0	3	14	12	2	2	0	0	9	10	8	0	1	
Walton-on-Naze, Essex																																							
8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 MIDLAND COUNTIES																																							
Huddersfield Oaks, Yorkshire W.P.																																							
235	3	1013.3	-	3.2	0.3	7.4	94	6.3	2	0	9	3	17	0	1	3	3	0	0	3	9	10	1	1	0	2	10	12	7	1	0	1	3	4	4	10	1	0	
	9	1014.0	+1.7	3.8	0.3	7.7	95	6.8	0	0	2	8	19	0	0	6	3	1	0	0	15	4	2	0	0	0	2	6	15	8	1	1	0	2	4	11	3	1	0
	15	1013.4	-	5.4	0.6	8.2	91	7.0	0	2	2	8	19	0	1	2	1	2	0	6	10	8	1	0	0	0	3	7	16	5	0	1	3	5	8	6	0	0	
	21	1014.0	-	4.1	0.4	7.8	94	6.5	2	1	4	4	20	0	0	0	1	6	2	2	12	4	4	0	1	3	6	13	8	1	1	0	5	4	5	7	0	0	
Watnall, Nottinghamshire																																							
119	3	1014.7	-	4.5	0.3	8.2	96	6.3	3	2	2	6	15	3	0	2	1	5	4	5	7	6	0	1	0	0	10	19	2	2	1	0	6	6	11	2	1	0	
	9	1015.3	+2.0	4.4	0.3	8.2	96	7.1	1	1	0	13	12	4	0	5	1	5	4	5	8	3	0	0	0	0	9	22	0	0	0	2	3	4	8	10	2	0	
	15	1014.6	-	6.1	0.5	8.7	92	7.0	0	2	1	14	12	2	0	2	0	4	4	7	12	2	0	0	0	0	11	19	0	1	1	5	4	9	9	2	0		
	21	1015.1	-	5.3	0.4	8.5	95	7.0	2	0	2	5	20	2	0	4	0	6	3	8	2	0	0	0	0	0	12	19	0	0	0	3	4	4	9	10	1	0	
Finningley, Nottinghamshire																																							
14	3	1014.3	-	4.5	0.5	8.0	93	6.4	3	2	2	6	13	5	0	3	1	4	0	4	8	7	4	0	0	0	11	20	0	2	0	0	7	14	5	3	0	0	
	9	1014.9	+2.5	4.3	0.4	8.0	94	6.6	1	2	2	11	10	5	0	5	1	2	2	6	9	0	0	0	0	0	11	17	3	0	0	1	4	17	6	0	1	0	
	15	1014.2	-	6.2	0.7	8.6	90	7.0	0	1	2	14	11	3	0	3	1	3	4	3	10	7	0	0	0	0	10	20	1	0	0	1	7	15	6	0	1	0	
	21	1014.7	-	5.3	0.6	8.2	92	6.8	1	2	3	5	16	4	0	3	2	2	4	5	9	4	2	0	0	1	11	18	1	1	0	1	5	17	4	2	0	0	
Wittering, Northamptonshire																																							
76	3	1015.6	-	4.2	0.4	7.9	93	6.1	3	3	2	6	11	6	0	6	0	1	1	5	5	9	4	0	0	1	8	22	0	0	0	1	0	9	11	7	2	1	0
	9	1016.3	+2.9	4.2	0.4	7.9	94	6.6	0	3	3	7	12	6	0	5	2	2	2	4	4	5	6	1	0	1	7	22	0	0	0	0	0	9	13	5	1	0	
	15	1015.5	-	6.3	0.8	8.5	88	6.3	1	2	4	13	9	2	0	1	1	0	5	5	8	6	0	0	0	2	7	22	0	0	0	1	4	5	8	11	1	0	
	21	1016.0	-	5.0	0.5	8.2	92	6.5	1	3	2	9	13	3	0	3	0	3	2	5	8	6	4	0	0	0	9	22	0	0	0	0	2	10	8	11	0	0	
Edgbaston, Warwickshire																																							
165	9	1015.0	+1.4	4.7	0.5	8.1	93	6.5	1	2	4	11	11	2	0	1	1	3	3	2	8	11	1	1	0	2	7	20	2	0	1	2	5	13	8	0	0	0	
	15	1014.3	-	6.5	0.8	8.6	88	6.9	0	1	5	8	13	2	0	0	1	1	2	3	16	8	0	0	0	1	8	20	2	0	0	0	6	14	8	1	0	0	
	21	1014.9	-	5.6	0.6	8.4	91	6.6	2	2	1	7	15	5	0	1	2	3	0	2	7	10	6	0	0	0	9	19	2	0	1	1	3	12	8	4	0	0	
Elmdon, Warwickshire																																							
100	3	1015.1	-	4.9	0.5	8.2	92	6.0	3	3	3	4	15	3	0	2	0	2	2	6	8	6	5	0	0	1	11	17	2	0	2	1	8	13	3	1	0	0	
	9	1015.6	+2.1	4.7	0.5	8.0	92	6.6	0	3	3	11	11	3	0	3	1	0	1	5	10	11	0	0	0	2	10	17	2	1	0	1	13	12	2	0	0	0	
	15	1014.8	-	6.8	0.9	8.7	87	6.5	0	2	5	11	12	1	0	1	0	1	2	4	13	10	0	0	0	2	10	17	2	0	0	1	2	9	12	5	0	0	
	21	1015.4	-	5.6	0.6	8.4	91	6.7	2	1	2	8	15	3	0	1	0	5	0	6	11	8	0	0	0	2	11	17	1	1	0	3	9	10	6	1	0	0	
Brize Norton, Oxfordshire																																							
84	3	1015.7	-	5.3	0.6	8.3	92	5.8	2	7	2	1	18	1	0	1	0	3	0	9	4	5	7	2	0	0	1	7	18	5	0	1	7	4	7	6	0	1	0
	9	1016.3	-	5.2	0.6	8.3	91	6.4	0	4	2	10	12	3	0	4	0	1	1	6	5	6	8	0	0	0	7	21	2	0	0	4	4	4	9	8	0	0	
	15	1015.5	-	7.5	1.0	8.9	85	6.0	2	3	3	10	12	1	0	2	0	1	0	2	9	11	4	2	0	0	7	21	3	1	0	4	5	11	7	0	0	0	
	21	1016.2	-	5.8	0.6	8.5	90	6.7	2	1	3	6	17	2	1	1	0	0	3	5	6	7	6	2	0	0	10	17	4	1	1	3	7	7	6	2	0	0	
Shawbury, Shropshire																																							
76	3	1013.8	-	4.9	0.9	7.7	87	5.8	0	6	3	10	11	1	0	2	1	2	4	4	6	8	0	0	0	0	6	19	6	0	0	1	6	9	7	2	0	0	
	9	1014.2	+1.1	5.0	0.9	7.6	87	6.3	0	2	6	12	9	2	0	3	0	2	3	5	3	7	8	0	0	0	6	22	3	0	2	1	8	10	4	2	1	0	
	15	1013.4	-	7.0	1.3	8.2	81	6.5	0	2	4	17	8	0	0	0	0	2	2	3	10	7	7	0	0	0	8	21	2	0	0	0	8	12	7	2	0	0	
	21	1014.3	-	5.6	0.9	8.0	87	6.3	3	2	3	5	18	0	0	0	1	4	3	6	5	6	0	0	0	1	2	24	4	0	0	3	4	10	5	5	0	0	



Table 4 Summary of observations at fixed hours

December 1972

[illegible]



Table 4 Summary of observations at fixed hours

December 1972

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																		
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW		
								mean	0	1-2	3-5	6-7												8	speed (kt)	8 or more	6-7	4-5									1-3	calm
number of observations																																						
8a SOUTH WALES—continued																																						
Rhoose, Glamorgan	3	1014.5	-	6.5	0.7	8.8	89	5.9	1	5	4	6	15	0	0	0	0	0	2	4	8	10	5	2	0	1	17	12	1	0	5	7	4	3	8	2	1	
	9	1014.9	+0.8	6.3	0.6	8.8	91	6.4	0	2	4	13	10	1	0	0	0	0	1	2	12	12	1	0	0	0	12	12	0	0	6	10	2	3	8	0	0	
	15	1014.0	-	8.0	1.1	9.1	84	6.5	0	1	5	4	9	1	0	0	0	0	2	16	12	6	1	0	0	2	12	17	0	0	10	5	6	5	2	0	0	
	21	1014.7	-	6.8	0.8	8.8	88	5.8	1	5	4	9	11	1	0	0	0	0	2	15	6	6	1	0	0	2	15	13	1	1	12	2	6	6	1	0	0	
8b ENGLAND SW																																						
Yeovilton, Somerset	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Portland Bill Coastguard, Dorset	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hartland Point, Devon	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mount Batten, Devon	3	1014.7	-	8.5	0.8	10.0	89	5.9	2	3	4	9	13	0	0	0	0	0	2	15	12	2	0	1	5	12	9	4	1	0	7	2	8	4	5	0	0	
	9	1015.1	+0.4	8.1	0.7	9.9	90	5.7	0	5	6	12	8	0	0	0	0	0	4	19	7	1	0	2	2	14	10	3	0	2	7	4	5	7	3	0	0	
	15	1014.3	-	9.4	1.2	10.0	84	6.0	1	3	3	16	8	0	0	0	0	0	1	17	9	4	0	0	2	7	13	9	1	0	1	5	9	4	7	4	0	0
	21	1014.9	-	8.6	0.8	10.0	89	5.8	3	4	1	12	11	0	0	0	0	0	1	17	12	0	0	2	6	11	11	1	0	0	7	6	6	4	6	1	0	0
Chivenor, Devon	3	1014.0	-	7.7	1.0	9.2	86	5.8	2	4	3	12	10	0	0	0	0	0	2	14	6	7	2	0	1	19	10	1	0	1	9	5	8	4	2	1	0	0
	9	1014.5	+0.7	7.4	0.7	9.3	88	6.2	0	2	6	17	5	1	0	0	0	0	2	18	15	4	1	0	2	11	16	2	1	0	9	11	2	6	0	0	0	
	15	1013.5	-	9.4	1.5	9.6	80	6.0	1	2	5	18	5	0	0	0	0	0	0	10	13	6	2	1	2	15	13	0	0	0	4	14	4	6	3	0	0	
	21	1014.3	-	8.0	1.1	9.2	85	5.9	2	2	5	13	9	0	0	0	0	0	3	12	7	8	1	0	3	10	18	0	0	2	11	6	5	2	4	1	0	0
Prawle Point, Devon	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Exeter, Devon	3	1015.1	-	7.1	0.7	9.2	90	6.1	1	5	3	6	16	0	0	0	0	1	0	3	11	8	5	3	0	1	10	16	4	0	5	2	6	8	4	2	0	0
	9	1015.6	+1.0	6.6	0.5	9.2	92	6.0	0	6	2	13	9	1	0	0	0	0	2	12	7	4	2	0	0	1	10	17	3	3	3	1	6	11	1	0	3	0
	15	1014.7	-	9.0	1.2	9.8	84	5.8	0	6	2	17	5	1	0	0	0	0	0	2	9	11	6	2	0	2	14	15	0	0	0	10	11	3	3	1	0	0
	21	1015.3	-	7.5	0.7	9.5	90	6.0	2	4	3	4	18	0	0	0	0	0	3	16	6	5	1	0	2	12	13	4	2	1	7	5	6	2	0	0	0	
Scilly, Cornwall	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gwennap Head, Cornwall	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St Mawgan, Cornwall	3	1014.1	-	7.9	0.7	9.7	90	6.2	1	3	5	7	15	0	0	0	0	0	0	15	12	4	0	0	7	14	8	2	1	1	2	7	8	7	3	0	0	0
	9	1014.5	+0.5	7.8	0.7	9.8	91	6.2	0	2	8	11	10	0	0	0	0	0	1	17	8	3	0	0	5	15	10	1	0	1	4	7	11	5	2	0	0	
	15	1013.5	-	9.1	1.2	9.8	84	6.5	0	1	6	13	11	0	0	0	0	0	0	19	9	2	1	0	10	14	7	0	0	0	1	2	9	9	5	4	1	0
	21	1014.3	-	7.8	0.7	9.7	91	6.3	1	1	7	8	14	0	0	0	0	0	2	15	10	4	0	2	5	15	7	2	0	0	4	8	7	3	5	2	0	0
NORTHERN IRELAND																																						
Moneydig, Co. Londonderry	3	1007.0	-	5.0	0.5	8.2	92	5.2	2	7	3	11	8	0	0	0	0	2	5	10	6	5	0	0	0	2	17	12	0	0	0	3	24	2	1	1	0	0
	9	1006.9	-	6.9	0.9	8.8	87	5.9	0	4	6	12	9	0	0	0	0	0	4	9	8	10	0	0	1	14	16	0	0	0	0	5	18	4	2	2	0	0
	15	1008.1	-	5.5	0.8	8.1	88	5.0	2	8	4	5	12	0	0	0	0	0	6	11	9	5	0	0	1	15	13	0	0	0	2	3	19	4	2	0	0	0
Aldergrove, Co. Antrim	3	1008.3	-	5.2	0.7	8.1	89	5.5	2	3	7	4	14	1	0	0	0	0	2	13	11	4	0	0	0	1	18	11	0	0</								



**Table 5 Number of days with maximum and minimum temperatures between given limits**
**December 1972**

Station	maximum °C								minimum °C								Station	maximum °C								minimum °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 (psychrometer)	0	3	27	1	0	0	0	0	0	0	0	0	17	14	0	0	Edgbaston	1	5	21	4	0	0	0	0	0	0	0	0	3	17	10	1	0
Lerwick (large screen)	0	4	26	1	0	0	0	0	0	0	0	0	17	14	0	0	Kew (psychrometer)	0	6	14	11	0	0	0	0	0	0	0	0	4	19	3	5	0
Stornoway	0	4	21	6	0	0	0	0	0	0	0	5	13	13	0	0	Kew (north-wall screen)	0	5	15	11	0	0	0	0	0	0	0	0	1	18	7	5	0
Craibstone	0	7	22	2	0	0	0	0	0	0	0	12	15	4	0	0	Hastings	0	2	15	14	0	0	0	0	0	0	0	1	10	19	1	0	
Rothsay	0	2	26	3	0	0	0	0	0	0	0	2	20	9	0	0	Southampton	0	2	9	20	0	0	0	0	0	0	0	2	17	10	2	0	
Abbotsinch	0	3	26	2	0	0	0	0	0	0	8	10	13	0	0	0	Stonyhurst	0	5	21	5	0	0	0	0	0	0	0	6	20	5	0	0	
Eskdalemuir (psychrometer)	1	10	19	1	0	0	0	0	0	0	1	10	17	3	0	0	Rhyl	0	0	16	15	0	0	0	0	0	0	0	2	15	14	0	0	
Eskdalemuir (large screen)	1	7	22	1	0	0	0	0	0	0	1	9	18	3	0	0	Valley	0	0	15	15	1	0	0	0	0	0	0	2	6	23	0	0	
Douglas	0	0	26	5	0	0	0	0	0	0	0	2	12	17	0	0	Rhoose	0	3	17	11	0	0	0	0	0	0	0	1	12	17	1	0	
Acklington	0	3	25	3	0	0	0	0	0	0	0	9	18	4	0	0	Falmouth	0	0	14	17	0	0	0	0	0	0	0	0	16	15	0	0	
Gorleston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Aldergrove	0	3	22	6	0	0	0	0	0	0	1	5	12	13	0	0	
Cambridge Botanic Gardens	0	6	13	12	0	0	0	0	0	0	1	3	20	7	0	0	Armagh	0	3	18	10	0	0	0	0	0	0	2	7	12	10	0	0	

**Table 6 Summary of autographic records of wind**
**December 1972**

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
		above MSL	above ground	effective height	34 kt or more (gale force)				22-33kt		11-21kt	4-10kt	less than 4 kt.	no record		highest hourly wind			highest gust																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
					dates of occurrence	duration (hours)	no. of days	Duration in hours					veer from N	speed (kt)		hour ended at day hour	veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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[illegible]



Table 3 Additions and corrections

Year	Month	Station	max. terminal h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 09 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 (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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\*Insert under Cumberland - after Newton Rigg



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Met. O. 852

UDC 551 506 1(41-4)

**SUMMARY 1972**

VOLUME 89

NUMBER 13

## Drier than average with mild winter months and cool summer months.

The first four months were changeable with temperatures near the average. However, the late spring, summer and early autumn were cool throughout. June was particularly cool and rather wet but from July to September it was mostly dry and sunny although there were a few thundery outbreaks in July and August. October was very dry and a little warmer than average, but changeable, rather stormy weather returned during November and December.

The period from January to April was changeable and occasionally stormy. Temperatures were near or a little above average although there were some cold spells and falls of snow mostly on high ground in Scotland and northern England. During the latter half of March there was a more settled period of warm, sunny and mostly dry weather. The next two months were cool and cloudy with frequent showers or outbreaks of rain and mean temperatures in June were exceptionally low. Indeed, it was probably the coldest June in the United Kingdom since 1928. Rainfall was generally below average in July and August, and September and October were very dry. It was also sunnier than average during these four months although temperatures were mostly below average until the end of September. Temperatures rose to just above average during October. During the second half of July and early August severe thunderstorms in parts of Wales, the Midlands and southern England produced intense falls of rain locally, some of which were classified as 'very rare'. Local flooding ensued in widely scattered areas and lightning killed one boy and injured another, besides damaging buildings and disrupting telephone services and electricity supplies in a number of places. Changeable weather occurred in the north and west during the last ten days of October and continued throughout November and December with severe gales and heavy rain at times. In other districts periods of rain or showers were less frequent but the second week of November and the first two weeks of December were stormy in all areas. Snow fell on hills and hail and thunder were often reported. During the remainder of December it was mostly dry in the east and south with frequent fog.

### WEATHER

**January** — Rain occurred on most days although amounts were often small. There were mild spells but the last three days were very cold with snow at times.

**February** — It was dull and very changeable even stormy at times, during the first two weeks. Subsequently it was less changeable but it remained mostly dull especially in the east.

**March** — The first week was stormy but the weather gradually became more settled later. The 14th to the 25th was generally warm, sunny and mainly dry but the month ended cool and wet.

**April** — Changeable weather with strong winds and heavy rain at times prevailed during the first half of the month and again during the last three days. The intervening period was mostly dry and there were a number of sunny days in the west.

**May** — It was generally changeable particularly during the last week. Sunshine was mostly less than average and it was cool especially in the west and south.

**June** — Frequent showers or outbreaks of rain continued. Many districts had dull and abnormally cool weather with temperatures substantially below average.

**July** — Cool and changeable weather continued for the first ten days or so and returned towards the end of the month. In the interim there were dry spells but thunderstorms occurred at times, particularly in the south.

**August** — Much of the first half of the month was cool. Local showers and outbreaks of heavy thundery rain occurred and it was occasionally very windy. Later it became more settled and mostly dry.

**September** — After a warm dry start it became cool generally but remained mostly dry until the 6th. The following week was changeable but dry weather returned to many districts on the 14th although rain fell at times in the east until the 20th. Morning fog occurred frequently during the second half of the month.

**October** — It was dry in many districts for much of the month with warm days following cold foggy nights. However, during the second week showers or periods of rain occurred in the north and west and warm changeable weather affected all areas during the last ten days.

**November** — The first week and the last few days were mild, otherwise

it was mostly cold. Except for the second week during which stormy weather occurred widely, showers or outbreaks of rain were heaviest and most frequent in the north and west. Snow fell at times but was almost entirely confined to high ground in the north.

**December** — The month was generally mild. During the first two weeks, gales and outbreaks of heavy rain affected all areas. Snow fell on hills and hail and thunder were often reported. Thereafter stormy weather continued in the west and north but elsewhere it was dry and quiet with frequent fog in the east.

### WIND

The number of days on which gales occurred was above average in parts of west Scotland and in many coastal areas of England and Wales, but it was near or below average elsewhere. Windy spells were frequent throughout the year except during July and August. Gusts of 60 to 70 kt occurred in the west on the 18th and 26th January and storm force northerly winds (mean speed 48-55 kt) with gusts exceeding 70 kt affected parts of the Yorkshire coast on the 27th. On the 2nd February gales were widespread and sea defences near Portland (Dorset) were breached. Overnight on the 3rd/4th March mean wind speeds in northern Scotland reached 40 to 50 kt with some violent gusts which included one of 75 kt at Benbecula (Inverness-shire), the highest gust recorded there in March since autographic records began in 1957. During a gale on the 7th April a gust of 71 kt was measured at Gwennap Head (Cornwall); gales were also severe in the English Channel area on the 29th. Gales were frequent and widespread from the 23rd to the 29th May and on the 25th, a mean wind of 60 kt with a gust of 80 kt was reported from the high level station at Great Dun Fell (Westmorland). On the following two days dust driven by strong winds caused much damage to young crops in the Fens. Although winds were often fresh during June the few gales which did occur were confined almost entirely to exposed places in the west and north. Light winds predominated during July and there were few reports of gales. The first twelve days of August were often boisterous in coastal areas with strong winds and local gales which spread to many inland areas between the 6th and the 10th. The remainder of the month was mostly quiet. The frequency of strong winds along coasts increased throughout September and much of October although there were few gales. From the 20th to the 31st October, however, gales occurred more often both in inland areas as well as on coasts in the west and north. Overnight on the 29th/30th, gusts of 76 kt were recorded at Duirinish (Ross and Cromarty), at Tiree (Argyll) and at Great Dun Fell. November was a very windy month particularly in the west and north. On the 9th, a gust of 82 kt occurred at Great Dun Fell; at lower levels, 74 kt was reported from Kirkwall (Orkney) on the 10th and 70 kt was reported from Shoeburyness (Essex) on the 13th. The first half of December was stormy with severe gales at times. On the 4th gales exceeding 60 kt occurred in places along the south coast of England. On the 5th a gust of 88 kt was measured at Hunterston (Ayrshire) and on the same day on Cairngorm (Inverness-shire) there was a mean speed of 75 kt and a gust of 110 kt. During the rest of the month strong winds and local gales continued in the west and north, but elsewhere, winds were mainly light to moderate.

### TEMPERATURE

Annual mean temperatures were below average in all areas, mostly by less than 1 deg C. Except in Northern Ireland the first four months were mild but from May to September temperatures everywhere were below average and June was even colder than in 1971. The pattern of mean monthly temperature towards the end of the year resembled that of 1971: October and December were both mild but November was a cold month.

**January** — Although there were alternating cold and mild periods monthly mean temperatures were a little above average except in Northern Ireland where it was mostly cold. On the 9th, during a mild period, a temperature of 14.5°C was measured at Lake Vyrnwy (Montgomeryshire), the highest temperature there since continuous records began in 1948. On the other hand temperatures remained below 0°C in many areas throughout the last three days and hard frosts occurred widely at night.

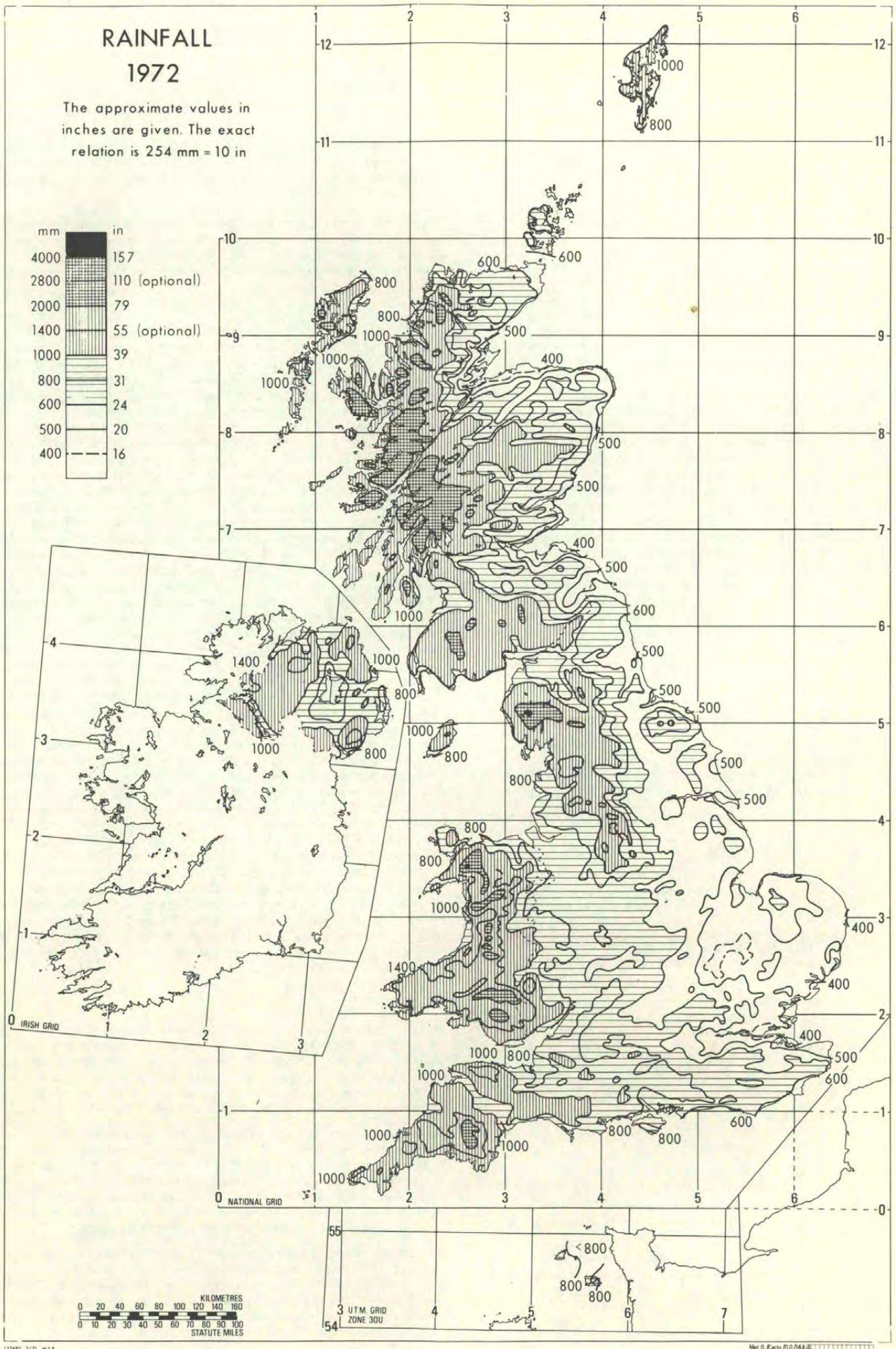
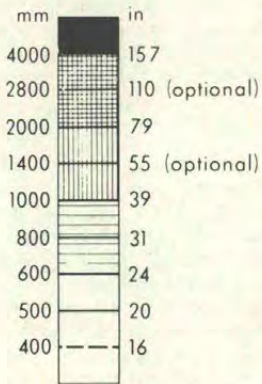
**February** — Mean temperatures were generally near or a little above average. The low temperatures prevailing at the end of January continued on the morning of the 1st when a minimum temperature of -18.3°C was measured at Corbridge (Northumberland). Over the next few days however it became milder and except for a short cold spell around the 20th temperatures were generally near the average during the rest of the month.



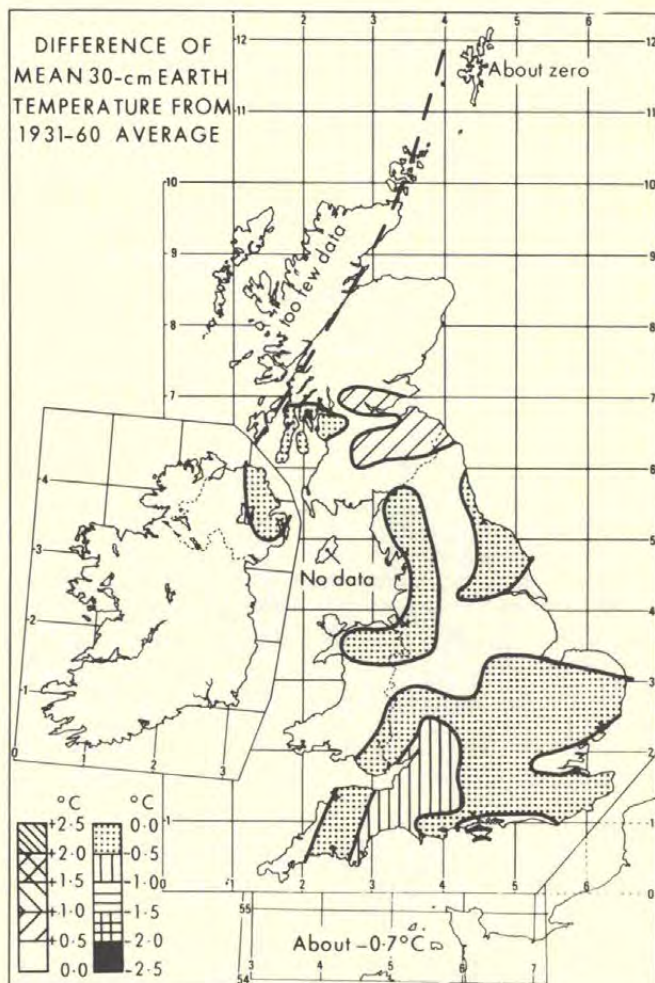
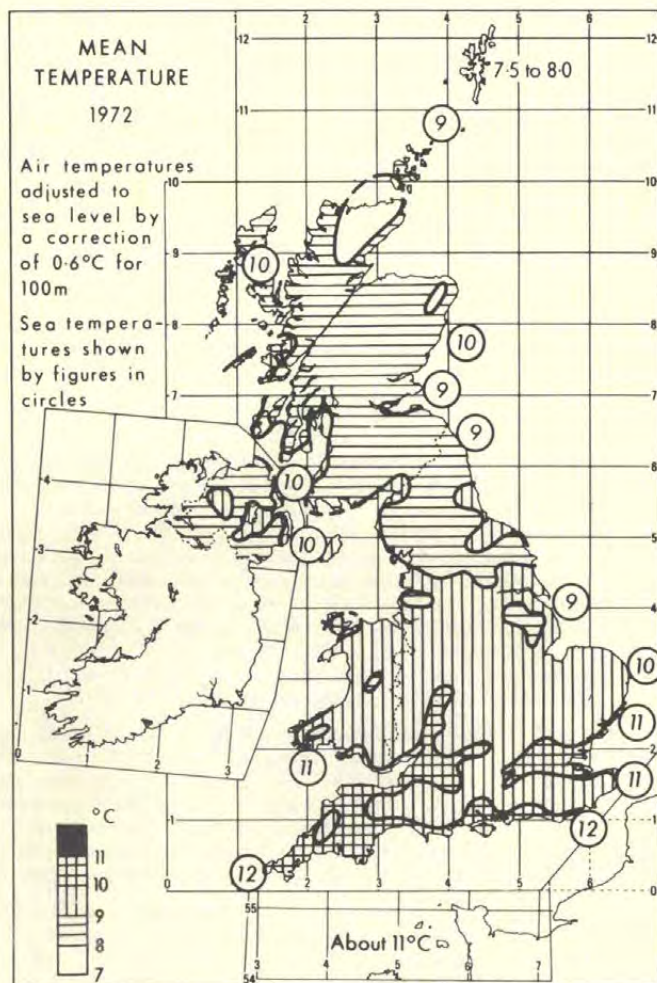
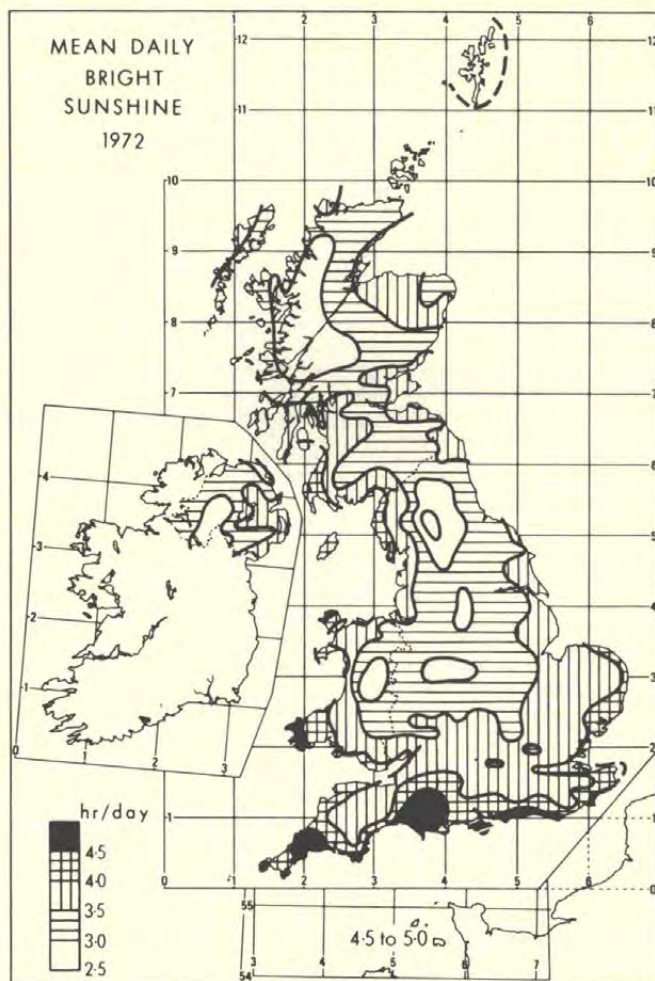
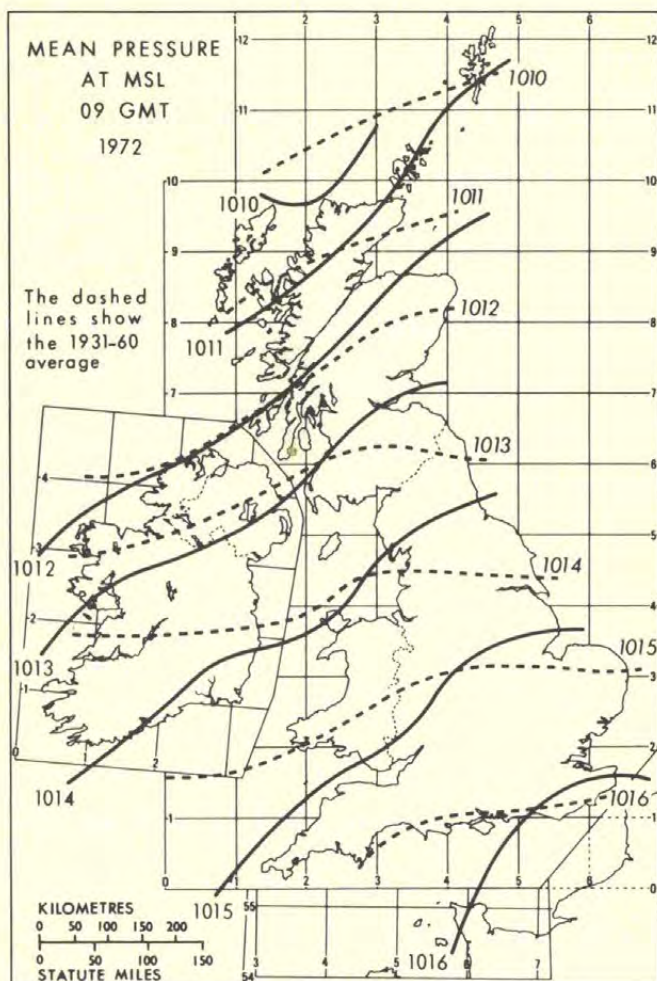
# RAINFALL

1972

The approximate values in inches are given. The exact relation is 254 mm = 10 in









**March** — Monthly mean temperatures were above average in Great Britain and a little below average in Northern Ireland. Temperatures were about average throughout the first two weeks except in the east and south of England on the 11th when day-time temperatures barely exceeded 0°C in some places. The 14th to the 25th was generally warmer than average; on the 21st, Hastings (Sussex) with 19.0°C had its warmest March day since records began in 1947. The last few days were cool in all areas.

**April** — Mean temperatures over the month were near average. For most of the month daily temperatures in all areas remained near the average except in some parts of eastern England where it became cold after mid-month. Between the 23rd and the 25th there was widespread ground frost and local air frost. The last two days were cold generally except in east Scotland.

**May** — Except in north Scotland and in small areas of east Scotland and east England the month was cool, particularly in parts of Wales and in south and west England. Plymouth Hoe had a mean temperature of 10.5°C and the same mean temperature was recorded at Sandown (Isle of Wight) where it was the coldest May since 1941.

**June** — This was an exceptionally cool month notably in the Midlands and the south of England where mean temperatures were around 3.5 deg C below average in places. Taking the United Kingdom as a whole it was probably the coldest June since 1928 but locally it was undoubtedly the coldest June for a much longer period. For example, in the Falmouth area of Cornwall it was the coldest June since at least 1869. Air frost was observed at times in some upland areas in the north and west and ground frost occurred frequently in Scotland and occasionally further south. Throughout the month temperatures were below average except around mid-month and during the final week.

**July** — Monthly mean temperatures were generally a little below average. Daily temperatures were mostly below average until about the 10th and then above average until the end of the third week during which a number of places in Northern Ireland and inland in east Scotland and north-east England had their highest July temperatures since 1955. On the 20th Turnhouse (Midlothian) with 28.4°C had its warmest July day since records began there in 1948. During the rest of the month daily temperatures were about average.

**August** — It was cool generally. Daily temperatures were below average during the first two weeks and fluctuated about the average thereafter. Cool nights were commonplace and ground frost occurred frequently on high ground in the north. Around the 11th and the 18th, however, ground frost was more widespread affecting even the southernmost counties of England. Air frost with a minimum air temperature of -0.6°C occurred at Lagganlia (Inverness-shire) on the morning of the 29th.

**September** — Monthly mean temperatures were generally below average in spite of a few warm days at the beginning of the month and again around the 22nd. Many stations had their coolest September since 1952. Air frost occurred at one or two places in Scotland on most nights and it was occasionally widespread there during the second and fourth weeks.

**October** — Temperatures were about or a little above average over the month as a whole. However, during the first three weeks, days were mostly warmer than average but nights were rather cold with frost in places. The rest of the month was generally warmer than average.

**November** — During the first and last weeks of the month temperatures were mostly higher than average. Gordon Castle (Moray) recorded 18.2°C on the 6th; this was the highest temperature observed there in November since records began in 1879. The intervening period was much colder generally with widespread night frosts and consequently mean temperatures for the month as a whole were mostly a little below average.

**December** — In spite of some cold days and frosty nights mean temperatures were near or a little above the average. Day maxima often exceeded 10°C in England and Wales, and Northern Ireland and Scotland also had their share of mild days. A maximum temperature of 17.7°C was registered at Cape Wrath (Sutherland) on the 18th, the highest December temperature there since records began in 1940.

The following tables have been compiled for (a) England and Wales, (b) Scotland and (c) Northern Ireland:

Departures of the monthly and annual mean temperatures from the corresponding 1931-60 averages.

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec	Year
Degrees Celsius													
(a)	+0.2	+0.5	+0.6	0	-0.6	-2.4	-0.7	-0.8	-1.9	+0.4	-0.6	+1.0	-0.4
(b)	+0.6	+0.4	+0.3	+0.3	0	-1.6	-0.4	-1.0	-1.4	+0.7	-1.0	+0.7	-0.2
(c)	-0.4	0	-0.7	0	-1.1	-2.8	-0.3	-1.4	-1.5	+0.4	-1.0	+0.7	-0.6

The highest and lowest temperatures recorded in each month.

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Degrees Celsius													
(a)	Max	15.0	14.4	21.0	18.6	22.0	23.0	28.5	27.0	25.0	23.0	19.6	16.4
	Min	-18.5	-18.3	-7.8	-7.1	-4.5	-1.1	-0.7	-0.5	-3.2	-5.3	-12.1	-8.4
(b)	Max	12.3	11.7	18.4	21.0	19.2	21.7	29.4	25.2	24.8	23.4	19.1	17.7
	Min	-15.2	-17.5	-10.2	-6.5	-3.6	-1.0	0.3	-0.6	-5.9	-6.2	-10.6	-16.6
(c)	Max	12.1	13.2	16.3	17.2	17.8	19.0	27.8	24.8	24.0	19.8	16.8	13.5
	Min	-15.9	-8.6	-5.9	-5.0	-3.2	-1.2	1.0	1.0	-2.6	-2.0	-5.7	-8.2

## RAINFALL

Annual rainfall was generally near or below average except in parts of Scotland, Wales, the Midlands and southern England where it just exceeded the average. Over Scotland as a whole it was the driest year since 1955 and a few small areas in the east and north received less than 60 per cent of average. This is an infrequent occurrence. The first half of the year was mostly rather wet particularly in England and Northern Ireland where the monthly average was exceeded in each of the months from January to June. More significant, however, was the very dry late summer and autumn; the period from July to October 1972 was the driest since 1947 over England and Wales as a whole, the driest since records began in 1900 over Northern Ireland and the driest over Scotland by a large margin since records began in 1869. Among the larger and smaller of the annual totals recorded were: 4341 mm at Styhead in the Lake District and 338 mm at Geanies House (Ross and Cromarty).

**January** — Except in north and west Scotland rainfall (including melted snow) was above average. Braemar (Aberdeenshire) and Durham had their wettest January since 1937 and 1948 respectively. Rainfall occurred frequently except during the first week in north-west Scotland where it was mainly dry. Amounts were often small but there were substantial falls in a few places. In the twenty-four hours beginning at 09 GMT on the 18th, a 'daily' fall of 81.5 mm was recorded at Coniston (Lancashire) and 67.5 mm fell at Llynfan Fach, Waen Sychlwch (Carmarthenshire) in a similar period on the 23rd/24th.

**February** — Rainfall as a percentage of the long term average was very variable especially in Scotland. Nearly 250 per cent occurred in parts of east Scotland, where Glamis Castle (Angus) had its wettest February since 1925, but barely 30 per cent was recorded locally in the north-west. Showers or outbreaks of rain were frequent and sometimes heavy up to the 18th but the rest of the month was drier in most areas although it was still rather wet in extreme south-west England. Heavy 'daily' falls included 93.2mm at Treherbert (Glamorgan) and 90.4mm at Llyn Fawr (Glamorgan) both on the 15th and, during heavy rain in the Moume Mountains (Co Down) on the 27th, Foffany reservoir recorded 85.0mm and Spelga Dam, 82.0mm.

**March** — In most of Scotland rainfall was less than average; Geanies House (Ross and Cromarty) had its driest March since 1929. Rainfall was generally above average elsewhere and over Northern Ireland as a whole it was the wettest March since 1947. The first and last weeks were very wet but during the interim period there were only small amounts of rain in most areas. On the 4th a 'daily' fall of 58.7 mm was recorded at Troed-y-Foel (Carmarthenshire) and on the 31st 73.0mm of rain fell at Doppog, Blaenau Ffestiniog (Merioneth).

**April** — Much of central and east England together with parts of north-east Scotland were drier than average. Elsewhere rainfall was more substantial, notably in parts of west Scotland where it reached two and a half times the average. At Eallabus (Argyll) it was the wettest April since records began in 1866. During the first two weeks belts of rain frequently crossed all districts, often followed by showers and occasional thunderstorms, and there were some heavy 'daily' falls: 78.2 mm fell at Blaran (Argyll) on the 1st, 75.3 mm at Isle of Rhum (Inverness-shire) on the 3rd, and 70.7mm at Lagafater Lodge (Ayrshire) on the 8th. The following fortnight was virtually dry but outbreaks of rain returned to most districts during the last three days. Heavy 'daily' falls included one of 88.5mm at Honister (Cumberland) on the 28th.

**May** — Rain occurred frequently although amounts were often small, especially in the east. Much of the rain fell in the form of showers or thunderstorms but there were periods of heavy frontal rain during the last week, notably on the 25th and 26th in the west and north. Many heavy 'daily' falls were recorded including 118.7 mm at Cononish Tyndrum (Perthshire) and 84.9 mm at Glendouglas (Dunbartonshire) both on the 25th, and 69.0 mm at Lake Vyrnwy (Montgomeryshire) on the 26th.

**June** — Showers or outbreaks of rain were again frequent and rainfall was above average in many districts, notably in south-west England, Wales and western Scotland; Truro waterworks (Cornwall) had its wettest June since 1912. On the other hand some eastern areas of England and Scotland has less rain than average and the London area was particularly



dry. The 17th was a very wet day in north-west England with a number of stations recording heavy 'daily' falls: 185.0 mm fell at Honister (Cumberland). Other notable falls included 68.0 mm at Honister on the 2nd, 56.7 mm at Penrhyn (Cornwall) on the 12th, and 75.2 mm at Blaenau Ffestiniog (Merioneth) on the 25th.

**July** — Most districts were drier than average. It was probably the driest July since 1898 in Abroath (Angus), and in Aberdeen and at Gladburn reservoir (Midlothian) it was the driest July since 1913. Farther south, Usk (Monmouthshire) had its lowest July rainfall since records began in 1924. During the first week there were some heavy 'daily' falls especially in Wales and north-west England but after the 8th the main features of the month were spells of mainly dry weather and local thunderstorms. Between the 18th and the 24th thunderstorms in the southern half of the United Kingdom were very intense in places. During a violent storm on the night of the 18th/19th Exeter Airport recorded a 'very rare' fall of 89.1 mm in 132 minutes and 78.3 mm of rain fell in 2 hours at nearby Rockbeare Manor. Another 'very rare' fall of 44.3 mm in 20 minutes occurred at Farley (Staffordshire) on the 23rd.

**August** — Except in the north of Scotland, rainfall was below average generally and it was very dry indeed in parts of eastern and southern England and in the Channel Islands. In the Lowestoft area of Suffolk it was the driest August since at least 1862. During the first ten days or so there were thundery showers or outbreaks of rain some of which were heavy locally. At Costessy, near Norwich (Norfolk) a 'very rare' fall of 137.7 mm in 3¾ hours occurred on the morning of the 1st. The rest of the month was mostly dry although occasional rain continued in Scotland until the last week.

**September** — It was unusually dry in Scotland and Northern Ireland and some long-established stations had their lowest September rainfall on record. These include the following, where records began in the year stated: Loch Leven sluices, 1842, and Ballymena (Co Antrim), 1877. Rainfall was also low elsewhere in the United Kingdom with the average being exceeded in small areas in the Midlands and south-east England only. Very little rain fell anywhere during the first 5 days and the last 10 days of the month and although most areas had some rain or showers in the interim, amounts were mainly small and parts of Wales and the west of England were completely dry after the 13th. Heavy rain in England and Wales on the 8th, during which a 'daily' fall of 71.6 mm occurred at Llyn Fawr (Glamorgan), ended spells of about 30 days without measurable rainfall in some areas. Further heavy rain fell on the 9th. Thunderstorms which affected parts of East Anglia and south-east England overnight on the 18th/19th produced some heavy falls in coastal areas and Southwold (Suffolk) recorded a 'daily' fall of 65.4 mm.

**October** — Rainfall was again very low, notably in the east where less than a tenth of the average occurred in some areas. No measurable rainfall was recorded in a few places in Essex and Suffolk and the station at Ipswich Museum had its driest October since records began in 1897. Scotland as a whole had its driest October since 1951. In many districts most of the rain fell on a few days during the second week and again towards the end of the month although in the north and west rainfall was also appreciable during the last ten days. Heavy 'daily' falls included 57.5 mm at Princetown (Devon) on the 9th and 63.9 mm at Kinloch, Reay Forest (Sutherland) on the 22nd.

**November** — Rainfall was below average in the eastern half of England and Scotland and in much of the Midlands. In Northern Ireland it was about average, but elsewhere November was a wet month with twice the average rainfall in some areas of north and west Scotland, north-west England and the Channel Islands, Lerwick (Shetland) and Moorhouse (Westmorland) had their wettest November since 1921 and 1952 respectively. Outbreaks of rain or showers were frequent in the north and west and there were some very heavy 'daily' falls. On the 9th 172.0 mm of rain fell at Honister Pass (Cumberland) and on the 29th the same station reported 158.0 mm. On the 18th a 'daily' fall of 74.2 mm was measured at Tollymore Park (Co Down). In other districts rainfall occurred less frequently and was mostly slight.

**December** — In Northern Ireland rainfall was below average except in small areas in the west and south. The north and east of Great Britain were also rather dry with some places in north-east Scotland and north-east England receiving less than a quarter of their average rainfall. Elsewhere rainfall was near or above average; more than twice the average amount of rain fell in parts of the Grampians and in the Cotswold and Mendip hills. Periods of heavy rain occurred in many areas during the first two weeks and there were floods in some southern counties of England. On the 5th a 'daily' fall of 98.2 mm was reported from Metherall (Devon), and on the 11th 99.0 mm of rain fell at Honister Pass (Cumberland). After the second week most of the rain fell in the west and north; on the 27th a 'daily' fall of 51.8 mm was recorded at Spelga Dam (Co Down).

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

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
per cent													
(a)	112	111	138	111	115	138	75	46	59	35	105	115	94
(b)	95	93	81	135	125	135	50	61	24	39	109	87	82
(c)	119	102	171	121	158	125	75	54	14	49	112	86	94

## THUNDER

From January to May thunderstorms occurred frequently but for the most part they were not very intense, although there were a few reports of lightning damage to buildings during May. June was not a particularly thundery month but during the latter half of July and early August there were some severe storms especially in Wales, the Midlands and southern England. Buildings were damaged by lightning and telephone services and electricity supplies were disrupted while intense falls of rain produced local flooding in a number of widely separated areas. On the 23rd July copious hail fell in the vicinity of Nottingham, some stones of 2.5 cm or more in diameter being reported from Watnall. On the 1st August one boy was killed and another injured by lightning at Chingford (Essex). Thunder was often heard during the rest of the year but notable storms were rare. On the 9th December, however, hail was reported to have carpeted the ground to a depth of 2 to 3 inches during a thunderstorm at Bognor Regis (Sussex).

## SNOW OR SLEET (Snow mixed with rain or drizzle)

Except in northern Scotland, January was less snowy than usual. In February and again in April, occurrences of snow were far fewer than average, but in March snow fell on about the average number of days. Snow or sleet fell in the Scottish mountains on a few days during May and June and some of the higher peaks were covered for much of the time. Towards the end of June this snow cover became patchy but large snowfields persisted in a few favoured areas high in the Grampians until fresh snow settled more widely on the peaks during the second week of September. Snowfall was sparse in October and less frequent than average in December but throughout November brief showers of snow or sleet often occurred, especially in the north, and there were more substantial falls on high ground at times.

**January** — Days of snow or sleet were below average except in northern Scotland. Parts of England and Wales had snow during the first week but the main snowfalls occurred, with considerable drifting, on the 17th and 18th in north-east Scotland, southern Scotland and northern England. Undrifted depths of 10 to 20 cm were occasionally measured on high ground but 30 to 40 cm of snow accumulated in places in the Scottish Highlands. On the last three days snow fell again in many northern and eastern districts.

**February** — The number of days on which snow or sleet occurred in the United Kingdom were far fewer than average. On the 1st and 2nd snow fell in many districts but did not lie for long except in hills. Depths of 20 to 30 cm were measured in upland areas of Scotland and northern England and there was much drifting. During the third week a little snow fell, mostly on high ground in the north and west.

**March** — Snow fell on about the average number days, mostly during the first and last weeks. On the 4th, roads were blocked in the Cairngorms and 5 to 10 cm of snow fell in the Pennines and the Welsh mountains. On the 27th and 28th, blizzards occurred in Scotland and northern England and snowdrifts blocked roads in the Pennines where undrifted depths of 10 and 20 cm were measured.

**April** — Both occurrences and amounts of snow were small, falls being almost entirely confined to high ground.

**May** — A little snow or sleet fell in the Scottish mountains and the peaks of the Cairngorms were covered throughout the month.

**June** — Snow or sleet fell in the Scottish Highlands on the 2nd and 3rd and again around the 20th. On the Cairngorm peaks snow cover was continuous until the 17th but thereafter it was patchy. However, snow lay for most of the month on the summit of Ben Nevis (Inverness-shire).

**July** — Large patches of snow lay throughout the month in favoured locations high in the Grampians.

**August** — In the Cairngorms showers of sleet occurred on the 6th and 7th. Some large snowfields persisted throughout the month on north-facing slopes.

**September** — During the second week snow or sleet occurred at times in the Scottish Highlands and fresh snow settled on some peaks.

**October** — Around the 20th snow showers occurred in the Scottish Highlands and sleet fell in the north Pennines.



**November** — Brief snow or sleet showers were frequent in the north but during the second and third weeks there were more substantial falls on high ground with drifting at times. On the 17th snow settled for a time on some hills in the south, notably on Dartmoor.

**December** — The number of days of snow or sleet was less than average in most areas. The only noteworthy falls occurred during the second week in the mountains of northern England and Scotland where undrifted snow-depths exceeding 25 cm were measured in a few places.

## SUNSHINE

In parts of Scotland annual sunshine amounts were a little more than 10 per cent above average. Elsewhere they were near or below average, as much as 15 to 20 per cent below in a few districts of England and Wales. Except for March, the first six months were dull in most districts, but the second half of the year was sunnier generally although Northern Ireland was rather dull during August.

**January** — It was mostly dull with only a few sunny days during the second half of the month. Barely half the average sunshine was recorded in southern England and in northern and eastern Scotland where Marchmont (Berwickshire) had its lowest January sunshine total since 1944.

**February** — Sunshine amounts were again below average particularly in some eastern districts where they did not even reach half the average. Arbroath (Angus) and Perth had their dullest February since 1923.

**March** — It was generally sunny except in some eastern areas of England and Scotland at first.

**April** — In most areas sunshine amounts were a little below average. The only really sunny spell occurred in the west between the 18th and 25th.

**May** — Sunshine amounts were again mostly a little below average but one or two areas were very dull. At Fort William (Inverness-shire) it was the dullest May since sunshine records began in 1891.

**June** — Although sunshine was about average or a little below in many areas it was very dull in parts of Wales, the Midlands and the west of England. In the Plymouth and Torquay areas of Devon sunshine totals were the lowest recorded in June since 1890.

**July** — In much of central and eastern Scotland it was the sunniest July since 1955. Other parts of Scotland, Northern Ireland, north-west England and much of Wales were also sunny but eastern England was dull and in remaining areas sunshine amounts were about average. The third week was the sunniest part of the month in most districts.

**August** — It was the dullest August since 1942 in some parts of Northern Ireland and western Scotland but other areas were mostly sunnier than average. During the third week sunshine was abundant in many parts of England and Wales.

**September** — Sunshine was above average in the western half of the United Kingdom and below average in the east. It was the sunniest September at Helensburgh (Dunbartonshire) since 1911 but the dullest at Hull since 1941.

**October** — Prestwick (Ayrshire) had its greatest October sunshine total since 1932 and it was also sunny in most other areas of Scotland and north-west England. The Midlands and south-west England were dull but remaining areas had average amounts of sunshine.

**November** — Except in a few areas, mostly in Scotland, it was sunnier than average. Cleethorpes (Lincolnshire) had its sunniest November since 1925.

**December** — The sunniest areas were east and south-east England and north-east Scotland with some places recording over twice the average amount of sunshine. Gordon Castle (Moray) had its sunniest December since records began in 1908. Elsewhere sunshine amounts varied but were mostly near average except in the Midlands and north-east England where it was rather dull.

The following table gives monthly and annual general values of sunshine expressed as percentages 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)	83	59	121	87	84	77	91	107	94	95	131	107	93
(b)	83	73	101	97	75	95	125	102	103	117	111	101	98
(c)	78	98	107	102	75	95	122	74	123	102	94	111	96

The 10 stations with complete records which had the highest annual sunshine totals were:

Station	Hours	Station	Hours
Ventnor	1843.7	Bognor Regis	1765.4
Shanklin	1815.7	Exmouth	1753.4
Guernsey (L'Ancrese)	1793.4	Dale Fort (Pembrokeshire)	1748.1
Sandown	1789.1	Eastbourne	1726.3
Jersey (St Helier)	1787.7	Torquay	1722.8

The 3 stations in Northern Ireland, Scotland and Wales which had the highest sunshine totals were:

Northern Ireland		Scotland		Wales	
Station	Hours	Station	Hours	Station	Hours
Helens Bay	1421.9	West Freugh	1534.9	Dale Fort	1748.1
Ballywalter Park	1416.2	Dunbar	1522.6	Valley	1639.7
Stormont Castle	1390.1	Penwhirrn	1510.8	Botwnnog	1587.7

The stations which had the highest sunshine totals in each month were the following (stations in brackets were the sunniest outside the Channel Islands):

Month	Station	Hours
January	Exmouth	60.6
February	Scilly	91.2
March	Shanklin	193.9
April	Torbay, Torquay	231.0
May	Dover	222.1
June	Shanklin	238.1
July	Craibstone	240.3
August	Lizard	251.6
September	Scilly	243.0
October	Jersey Airport (Brighton)	140.7 (136.5)
November	Hereford Sewage Works	95.6
December	Jersey, St Helier (Gordon Castle)	80.6 (73.8)

## FOG

Overnight or early morning fog developed on lower ground at times throughout the year but was most frequent during February, August, September, October and December. Usually it dispersed after a few hours of daylight but occasionally during the winter months patches of fog persisted for much longer periods. There were a few reports of hill fog, and sea fog encroached on the North Sea and Channel coasts at times during the spring and summer. Sea fog was particularly persistent during the second half of July.

**January** — Except in England and Wales during the first week, fog was neither frequent nor widespread. On the 6th fog occurred widely in England and patches persisted throughout the day in parts of the Midlands and East Anglia.

**February** — Fog patches frequently developed overnight mostly in eastern England but they usually cleared quickly. On the morning of the 7th, however, fog was widespread over south Wales and southern England and persisted all day in the Bristol area.

**March** — The third week was notable for the recurrence of overnight fog in many parts of England and Wales. Sea fog patches persisted on the coast of north-east England and eastern Scotland during the same period.

**April** — Little fog occurred after the first three days during which patches affected hills and coasts of south and west England.

**May** — Inland fog was very rare but a number of coastal areas were occasionally affected by sea fog.

**June** — Dawn fog patches occurred around mid-month in southern Scotland, the Midlands and eastern England, while sea fog encroached on the coast of south-west England on a few days during the last two weeks.

**July** — There were patches of sea fog on eastern and southern coasts of England from the 13th to the 24th and during the last few days. Around the 19th the fog spread to many inland areas overnight.

**August** — Scattered patches of early morning fog were a recurrent feature in England from the 10th to the 31st.



**September** — Morning fog occurred at first in Scotland, northern England and the Midlands and was common during the second half of the month in southern Scotland and England.

**October** — In England, Wales and southern Scotland fog occurred frequently during the first three weeks. It was occasionally widespread and persistent in northern England and southern Scotland.

**November** — Although not a prominent feature of the weather during the month, fog developed occasionally and was dense locally in north-east England, the Midlands and southern England.

**December** — After the first week fog occurred frequently in eastern areas of England and Scotland and occasionally in Northern Ireland. The 17th to 19th and the 29th to 31st were particularly foggy periods with dense and persistent patches in East Anglia and south-east England.

#### MISCELLANEOUS PHENOMENA

A funnel cloud was observed over Nottingham on the 20th March and waterspouts developed off the Mull of Kintyre on the 10th November and in the Moray Firth on the 17th November. Observers in Scotland reported the aurora on 101 nights.

**Table 1 District values**

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max. †	Lowest Min. †	max.	min.	mean				
			difference from average						
0 Scotland N	22.0	—6.5	0.0	—0.4	—0.1	—	—25	79	96
1 Scotland E	28.1	—10.8	—0.1	—0.1	—0.1	+0.2	—12	79	98
2 England NE	26.7	—14.0	—0.6	—0.2	—0.4	+0.3	+1	85	90
3 England E	26.9	—11.2	—0.5	—0.1	—0.3	—0.2	—6	77	92
4 Midlands	25.7	—12.5	—0.7	—0.1	—0.4	0.0	—1	96	91
5 England SE	26.5	—17.7	—0.5	—0.2	—0.3	—0.3	(—1)	89	92
6 Scotland W	28.0	—12.2	—0.2	—0.4	—0.3	+0.1	—14	89	100
7 Eng NW - Wales N	28.4	—11.0	—0.5	—0.2	—0.3	—0.1	—15	93	98
8 Eng SW - Wales S	25.6	—12.7	—0.6	—0.4	—0.5	—0.2	+5	108	94
N Ireland	26.6	—15.9	—0.4	—0.8	—0.6	—	—29	94	96
Scotland	28.1	—12.2	—0.1	—0.3	—0.2	—	—17	82	98
Eng - Wales	28.4	—17.7	—0.6	—0.2	—0.4	—	(—3)	94	93

† Highest max. and lowest min. of the District Value Stations



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	843	29 June	1	14, 15 Jan	205.4	366	429	15 June	1	14, 15 Jan	131.1	366	1103	29 June	1	10 Jan	270.5	366
Esksdalemuir	801	18 July	2	17 Jan	232.1	366	449	15 May	2	17 Jan	216.8	366	847	18 July	4	17 Jan	252.5	366
Cardington	728	15 July	10	1 Jan	246.2	366	363	25 June	9	1 Jan	146.6	366	-	-	-	-	-	-
London Weather Centre	739	15 July	10	1 Jan	-	-	375	11 June	8	1 Jan	-	-	913	15 July	15	1 Jan	-	-
Kew	730	12 July	10	1 Jan	247.3	386	377	11 June	12	1 Jan 6 Dec	150.4	366	893	12 July	14	1 Jan	310.0	366
Easthampstead	786	15 July	9	1 Jan	-	-	401	1 July	8	1 Jan	-	-	906	15 July	14	1 Jan	-	-
Aberporth	790	14 June	14	11 Jan	280.8	366	456	30 June	14	11 Jan	159.8	366	-	-	-	-	-	-
Aldergrove	699	9 June	7	28 Dec	238.7	366	416	25 June	7	28 Dec	150.5	366	-	-	-	-	-	-
Jersey Airport	861	28 June	17	6 Dec	298.3	366	441	17 June	17	6 Dec	164.8	366	937	28 June	21	6 Dec	330.5	366

### Table 3 Summary of daily observations

District, county and place	terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 GMT)			weather (number of days)											bright sunshine						
	max.	min.		means of		daily mean (mean of a & b) difference from 1931-60 average	highest max and lowest min		30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day		precip- itation 0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max. (a)	min. (b)		max.	min.						date	date																	
0 SCOTLAND N																																
Zetland																																
Lerwick	21-9	82		9.1	5.5	7.3	-	19.9	-2.5	-	-	1062	94	30	29 Apr	249	176	28	5	8	47	4	14	7	53	53	34	2.67	90	-	-	
psychrometer				9.3	5.5	7.4	+0.2	20.6	-2.5	-	-																					
Baltasound	9 9	24	10.0	5.0	7.5	-	20.8	-2.7	7.5	-	-	976	86	25	31 Oct	243	181	33	0	1	0	2	6	15	-	-	40	2.87	-	-	-	
Orkney																																
Sule Skerry	21-9	13	10.2	6.8	8.5	-	17.3	-1.6	-	-	899	-	20	28 Nov	240	177	13	0	7	9	1	4	2	13	6	34	-	-	-	-	-	
Stenness	9 9	23	10.8	5.4	8.1	-	26.5	-3.5	8.0	8.1	829	82	19	4 Feb	241	172	12	3	1	15	1	1	13	93	-	19	3.44	-	-	-		
Kirkwall	21-9	26	10.3	5.5	7.9	0.0	22.4	-3.0	-	-	741	74	17	25May,9Nov	223	167	42	3	31	11	4	4	11	59	48	20	3.37	101	-	-	-	
Caithness																																
Downreay	9 9	21																														
Wick	21-9	36	10.5	5.3	7.9	0.0	22.0	-4.2	-	-	562	74	17	27 June	199	125	21	7	1	27	2	6	29	78	54	6	3.49	99	-	-	-	
Sutherland																																
Cape Wrath	21-9	112	9.8	5.9	7.9	-0.3	20.6	-4.0	-	-	674	56	23	16 Aug	188	142	22	1	0	26	5	14	8	28	28	16	3.63	-	-	-	-	
Lairg	9 9	107	11.2	3.3	7.3	-	26.2	-10.2	7.5	7.7	722	-	21	8June,28Nov	212	141	45	21	15	1	4	14	78	158	-	2	3.32	-	-	-	-	
Strathay	9 9	37	11.1	4.0	7.5	-0.3	25.9	-11.2	-	-	728	67	24	16 Nov	236	156	39	9	5	9	6	4	48	-	-	6	3.44	112	S	-	-	
Ross & Cromarty																																
Stornoway	21-9	3	10.9	5.2	8.1	-0.4	21.7	-4.9	-	-	908	91	19	29May,4Dec	241	179	26	5	11	30	4	1	44	101	71	23	3.19	94	-	-	-	
Balmacara	9 9	4	11.9	5.3	8.6	-	23.6	-5.0	-	-	1332	-	37	8 Nov	222	192	12	4	1	8	0	4	30	-	-	2	-	-	-	-	-	
Poolwee	9 9	6	11.7	5.9	8.8	-	22.6	-5.2	-	-	1208	81	53	8 Aug	223	175	12	2	16	0	9	1	23	83	-	13	3.30	-	-	-	-	
Rudh Re	21-9	16	10.5	6.6	8.5	-	20.0	-5.5	-	-	1055	-	39	8 Aug	237	176	10	2	1	6	3	3	5	23	23	37	-	-	-	-	-	
Inverpolly	9 9	14					22.4	-	-	-	1045	80	30	8Aug,12Sept	218	166	-	-	-	-	-	-	-	-	-	-	-	3.01	-	-	-	
Kinlochewe	9 9	23	12.1	4.3	8.2	-0.5	27.7	-9.9	-	-	1602	81	48	21 June	216	186	-	14	-	-	-	6	65	140	-	-	2.59	-	-	-	-	
Knockanrock	9 9	244					23.7	-	-	-	1593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Strathconon	9 9	107	11.9	3.0	7.5	-	27.5	-12.0	-	-	945	-	25	28 Nov	217	158	32	20	0	8	1	-	90	181	-	0	-	-	-	-	-	
Fortrose	9 9	5	11.2	5.7	8.5	-0.3	22.0	-6.5	-	-	344	53	13	2Apr,8Aug,20Nov	157	90	7	2	0	0	0	2	14	-	-	3	3.68	106	-	-	-	
Tarbatness	21-9	18	11.1	5.9	8.5	+0.2	22.5	-4.5	-	-	347	62	13	20 Nov	164	86	15	5	0	2	2	4	21	-	-	12	-	-	-	-	-	
Inverness																																
Benbecula	21-9	6	10.9	6.2	8.5	-0.5	19.0	-5.3	-	-	1139	100	31	27 June	250	200	21	3	19	21	6	6	18	79	48	35	3.13	-	-	-	-	
Isle of Rhum	9 9	5	11.5	5.5	8.5	-	23.0	-3.9	-	9.7	2326	92	75	3 Apr	239	214	20	2	0	2	4	3	34	117	-	53	3.23	-	-	-	-	
Prabost	9 9	67	10.8	4.7	7.7	-	23.6	-8.2	-	-	1637	90	39	28 Apr	261	205	34	23	1	36	6	1	45	142	-	40	3.12	-	-	-	-	
Duntulm	9 9	90	-	-	-	-	20.6	-5.6	-	-	1278	95	31	8 Aug	241	204	16	2	1	9	1	3	-	-	-	29	3.07	93	S	-	-	
Onich	9 9	15		46	-	-	25.5	-6.5	-	-	1800	87	64	1 Apr	225	204	-	5	-	-	-	40	44	104	-	-	2.66	92	S	-	-	
Corpach	9 9	8	12.1	5.2	8.7	-	27.5	-5.7	-	-	1751	-	46	25 May	226	184	15	4	0	3	0	5	37	83	-	1	-	-	-	-	-	
Fort Augustus	9 9	21	12.0	-	-	-	28.4	-8.3	-	-	851	-	28	11 Dec	197	155	-	6	-	-	-	14	-	-	-	-	-	2.96	-	-	-	-
Lagganlia	9 9	250	10.9	2.7	6.8	-	27.3	-15.0	-	-	653	-	27	16 Jan	196	131	44	24	0	6	2	6	96	143	-	13	-	-	-	-	-	
Inverness	9 9	4	12.2	5.5	8.9	-	27.0	-7.2	-	-	397	60	15	20 Nov	145	105	11	2	0	0	0	6	29	103	-	1	3.17	-	-	-	-	
Glenmore Lodge	9 9	341	10.7	2.2	6.5	0.0	27.0	-11.2	-	-	964	95	37	16 Jan	217	163	-	-	-	-	-	-	115	199	139	-	3.30	-	-	-	-	
1 SCOTLAND E																																
Nairn																																
Nairn	9 9	6	11.9	4.5	8.2	-0.3	22.3	-9.4	-	-	348	55	22	8 Aug	152	88	17	8	3	8	2	1	59	131	-	6	3.75	105	-	-	-	
Moray																																
Grantown-on-Spey	9 9	229	11.0	2.3	6.7	-	26.6	-12.4	-	-	534	-	25	16 Jan	193	106	32	20	0	2	1	8	103	221	-	0	3.85	-	-	-	-	
Forres	9 9	50	12.0	5.0	8.5	0.0	27.2	(-8.0)	8.7	9.1	420	67	19	8 June	176	105	16	10	5	3	1	2	41	95	-	7	3.94	107	-	-	-	
Kinloss	21-9	5	12.0	4.8	8.4	0.0	26.4	-11.6	8.5	-	345	56	17	20 Nov	151	88	26	8	1	9	2	0	55	129	85	9	3.79	-	-	-	-	
Elgin	9 9	15	12.1	-	-	-	24.8	-	-	-	421	64	19	20 Nov	156	110	-	6	-	-	-	0	-	-	-	-	-	3.69	-	-	-	
Gordon Castle	9 9	32	12.1	5.0	8.5	-0.1	25.4	-9.1	-	-	471	63	27	8 June	166	106	-	8	8	6	0	3	-	29	-	2	3.94	112	-	-	-	



Table 3 (continued)

District, county and place	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine					
			means of			highest max and lowest min.	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
			max (a)	min. (b)	daily mean (mean of a & b)							difference from 1931-60 average	max.	min.	date														0.2 mm or more	1.0 mm or more
1 SCOTLAND E—continued																														
Banff																														
Glenlivet	21-9	215	-	-	-	-	-11.7	-	-	602	-	29	16 Feb		207	127	-	-	-	-	-	-	-	-	-	-	-	3.82	-	S
Banff	9 9	24	11.1	5.7	8.4	-	25.4	(-5.0)	-	471	-	24	16 Nov		172	115	-	6	-	-	-	14	16	-	-	-	3.55	-	-	
Aberdeen																														
Braemar	9 9	339	10.2	2.2	6.2	-0.3	28.2	-16.6	-	810	87	31	16 Jan		205	139	-	34	-	-	-	1	108	145	-	-	3.41	-	S	
Balmoral	9 9	283	10.7	2.3	6.5	-0.1	27.0	-12.9	-	813	96	26	16 Jan		175	134	33	32	0	0	1	-	100	171	-	1	-	-	-	
Dinnet	9 9	177	11.5	3.4	7.5	-	28.5	-10.8	-	571	-	16	8 Aug		183	119	-	12	-	-	-	2	65	155	-	-	3.79	-	-	
Gartly	9 9	160	11.0	3.5	7.3	-	25.4	-8.6	-	609	-	18	17 Nov		197	127	-	-	-	-	-	-	61	157	-	-	-	-	-	
Inverurie Sewage Works	9 9	54	11.6	3.7	7.7	-	25.1	-11.5	-	532	-	19	20 Nov		190	120	19	8	0	0	4	2	64	137	-	0	3.43	-	-	
Fyvie Castle	9 9	66	11.3	3.4	7.3	-	25.0	-11.0	-	646	73	21	20		236	137	14	5	0	0	2	-	78	138	-	4	-	-	-	
Craibstone	9 9	91	10.9	4.2	7.5	-0.3	23.4	-7.0	8.3	579	67	22	11 Jan		185	114	14	12	5	0	3	36	48	120	-	1	3.84	100	-	
Dyce	21-9	58	11.3	4.5	7.9	0.0	23.7	-10.4	-	600	67	23	11 Jan, 20 Nov		182	116	18	6	7	13	2	8	52	133	86	19	3.85	-	-	
Aberdeen	9 9	52	11.0	4.8	7.9	-0.2	22.6	-7.2	-	568	68	20	20 Nov		179	119	10	4	0	3	0	14	40	101	-	0	3.80	102	-	
Kincardine																														
Fettercairn	9 9	171	10.4	3.9	7.1	-0.2	23.9	-6.3	-	867	88	22	11 Jan		200	151	25	10	1	8	1	38	53	139	-	6	3.22	-	-	
Banchory	9 9	77	11.7	4.1	7.9	-	25.4	-8.6	-	720	-	24	11 Jan		174	122	36	12	0	19	3	6	57	114	-	3	-	-	-	
Stonehaven	9 9	4	11.3	-	-	-	22.3	-	-	582	76	19	18 Jan		163	124	10	0	0	1	0	3	-	-	-	0	3.42	94	-	
Angus																														
Mylnfield	9 9	30	11.8	4.6	8.2	-	25.0	-10.5	8.7	557	78	18	15 Feb		183	120	-	8	-	-	-	19	40	132	-	-	3.63	-	-	
Dundee	9 9	45	12.0	5.3	8.7	+0.2	24.9	-7.2	9.0	564	71	21	11 Dec		178	129	7	6	0	4	5	13	35	-	3	3.64	-	-		
Glamis Castle	9 9	61	11.6	3.7	7.7	-	28.0	-7.8	-	860	100	32	1 Feb		209	149	15	12	0	9	8	15	73	173	-	4	-	-	-	
Whitehills	9 9	258	-	2.9	-	-	25.3	-9.8	-	1199	106	45	11 Jan		197	146	32	24	0	1	1	13	79	-	0	-	-	S	-	
Buddon Ness	9 9	5	11.7	4.2	7.9	-0.2	22.1	-8.3	-	522	73	22	1 Feb		186	120	10	-	0	3	4	13	49	-	7	-	-	-	-	
Carnoustie	9 9	27	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	3.74	-	-	
Arbroath	9 9	28	11.0	5.7	8.3	-0.1	22.4	-4.8	-	457	69	17	3 Feb		174	107	3	2	0	3	1	15	26	92	-	3	4.02	98	-	
Montrose	9 9	57	11.1	4.9	8.0	-	22.5	-5.5	-	588	81	18	25 May		179	124	16	4	3	6	8	12	35	129	-	11	-	-	-	
Perth																														
Aberfoyle	9 9	27	12.3	3.3	7.8	-	28.0	-10.5	-	1323	-	53	25 May		211	178	-	-	-	-	-	77	119	-	-	-	-	-	-	
Dall	9 9	232	11.1	2.1	6.6	-	29.1	-11.9	-	1104	-	37	25 May, 23 July		197	159	50	34	1	8	0	7	112	187	-	15	-	-	-	
Callander	9 9	107	11.7	3.9	7.8	-	27.0	-8.0	-	1346	-	50	25 May		209	176	19	14	0	4	5	10	62	110	-	2	-	-	-	
Ardtaraig	9 9	130	11.7	4.5	8.1	-	28.6	-6.8	-	1277	97	43	25 May		200	151	-	-	-	-	-	41	112	-	-	3.01	-	-	-	
Dunblane	9 9	80	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	3.14	-	-	
Drummond Castle	9 9	113	11.4	3.7	7.5	-	26.5	-10.0	8.9	1094	-	40	25 May		211	162	16	16	0	1	6	-	63	146	-	1	3.63	-	S	
Gleneagles	9 9	152	11.4	3.3	7.3	-	25.8	-11.0	-	993	88	49	11 Dec		212	166	18	-	0	3	2	28	66	161	-	6	3.58	-	-	
Pitlochry	9 9	144	11.1	3.5	7.3	-	27.6	-10.6	-	784	92	23	17 Jan		196	133	20	18	0	3	1	3	68	201	-	0	3.09	-	-	
Faskally	9 9	94	11.7	3.7	7.7	-	28.4	-11.1	8.7	813	90	33	17 Jan		205	130	28	20	2	2	0	4	69	146	-	0	-	-	-	
Ashintully Castle	9 9	341	10.0	2.5	6.3	-	27.9	-9.5	-	967	-	29	16 Jan		199	154	42	42	5	1	7	31	96	154	-	0	-	-	-	
Strathallan	9 9	41	12.1	4.7	8.4	-	28.6	-10.6	-	666	-	30	11 Dec		177	128	21	13	5	3	7	15	53	137	-	3	-	-	-	
Perth	9 9	23	12.5	4.5	8.5	-0.1	29.4	-11.5	-	570	73	17	25 May, 19 Nov, 11 Dec		175	123	11	0	0	0	0	48	51	106	-	0	3.63	101	-	
Blairgowrie	9 9	70	-	-	-	-	28.8	-	-	707	93	37	17 Jan		195	142	-	-	-	-	-	-	-	-	-	-	-	3.38	-	-
Kinross																														
Kinross	9 9	11	11.3	3.5	7.4	-	27.4	-13.0	8.7	711	-	24	25 May		190	143	-	8	-	-	-	67	122	-	-	3.51	-	-	-	
Fife																														
Pitreavie	21-9	40	12.0	5.5	8.7	-	28.3	-10.1	-	519	70	18	19 Nov		175	114	18	6	10	2	4	16	29	91	72	9	-	-	-	
Kirkcaldy	9 9	32	12.1	5.0	8.5	-0.1	24.0	-9.8	-	528	70	16	19 Nov		165	117	13	4	0	7	4	9	41	99	-	0	3.57	-	-	
Glenrothes (Glenwood)	9 9	117	11.2	4.4	7.8	-	27.7	-10.0	-	655	-	21	25 May		175	128	-	-	-	-	-	46	128	-	-	-	-	-	-	
Leuchars	21-9	10	11.9	4.8	8.3	-0.4	25.2	-14.5	-	545	80	20	1 Feb		171	112	27	8	0	10	8	15	44	115	87	2	3.81	94	-	
St Andrews	9 9	18	11.7	5.1	8.4	-	24.3	-9.2	9.1	573	-	20	25 May		174	114	10	7	1	6	6	8	37	98	-	4	3.80	95	-	
West Lothian																														
Livingston	9 9	125	11.6	3.6	7.6	-	28.5	-17.5	-	636	-	20	29 May, 11 Dec		185	128	-	-	-	-	-	35	61	119	-	-	-	-	-	
Midlothian																														
Turnhouse	21-9	35	12.2	4.9	8.5	-0.1	28.4	-17.0	-	438	64	16	7 Apr		177	110	21													



Table 3 (continued)

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 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.		30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure			
				max. (a)	min. (b)		max.	min.																							
																													date		
1 SCOTLAND E—continued																															
Roxburgh																															
Wauchope	9	9	155	11.4	3.6	7.5	-	27.6	-14.0	-	-	784	87	31	11 Dec	197	142	26	9	3	2	10	10	61	-	-	18	-	-	-	
Kelso	9	9	34	12.3	4.3	8.3	-	27.6	-15.4	-	-	440	-	16	7 Apr	164	108	14	5	0	8	5	15	64	123	-	0	3.21	-	S	
Sourhope (see Introduction)	9	9	221	11.0	3.7	7.3	-0.2	27.8	-13.4	-	-	815	-	30	15 Feb	189	138	24	13	1	0	0	3	63	121	-	0	3.48	-	-	
6a SCOTLAND W																															
Argyll																															
Tiree	21-9	9	11.1	6.6	8.9	-0.4	22.7	-2.0	-	-	1070	96	35	30 July	224	183	19	1	6	54	5	4	8	52	45	41	3.54	89	-	-	
Port Ellen	9	9	18	11.6	5.5	8.5	-	24.1	-5.0	-	-	1101	-	28	1 Apr	219	181	-	-	-	-	-	19	-	-	-	-	-	-	-	
Rhuvaal	21-9	20	11.3	6.6	8.9	-	22.0	-3.0	-	-	1442	98	40	1 Apr	220	177	16	0	21	6	6	2	3	33	23	43	-	-	-	-	
Colonsay	9	9	30	11.3	6.3	8.8	-0.4	23.5	-3.0	-	-	1177	87	34	1 Apr	231	184	11	-	0	19	6	27	7	-	-	5	-	-	-	
Aros	9	9	37	12.0	-	-	-	26.4	-	-	-	1678	-	42	1 Apr	231	204	23	1	0	29	2	4	-	154	-	8	-	-	-	
Machrihanish	21-9	10	11.6	6.1	8.9	-	21.8	3.9	-	-	1120	102	34	18 Nov	201	173	19	1	12	21	3	2	23	61	53	21	3.87	-	-		
Polloch	9	9	15	11.8	-	-	-	25.2	-9.0	-	-	2013	-	41	1 Apr	242	219	30	0	11	5	-	-	-	-	-	-	-	-	-	
Knapdale Forest	9	9	40	11.6	4.3	7.9	-	25.8	-6.5	-	-	1574	-	54	1 Apr	232	201	-	3	-	-	2	51	-	-	-	-	-	-	-	
Dunstaffnage	9	9	3	11.8	5.9	8.9	-	25.1	-4.8	-	-	1413	-	36	1 Apr	223	181	19	3	2	13	7	0	20	-	-	4	-	-	-	
Glenbranter	9	9	24	11.8	4.3	8.1	-	27.7	-7.8	-	-	2101	-	51	18Jan,25May	236	200	17	6	13	6	4	3	51	148	-	2	-	-	-	
Benmore Younger Botanic Gardens	9	9	12	11.8	4.9	8.3	-	28.0	-6.5	-	-	2106	88	53	25 May	233	196	25	7	10	13	9	12	38	132	-	1	-	-	-	
Bute																															
Brodick Castle	9	9	15	12.2	5.7	8.9	-	26.4	-3.6	10.1	-	1765	104	52	18 Jan	201	178	14	2	4	12	9	0	19	89	-	10	-	-	-	
Rothsay	9	9	43	11.9	5.7	8.8	-0.2	28.0	-5.0	8.7	8.9	1228	86	30	18 Jan	218	179	14	4	2	4	3	0	16	87	-	1	3.68	104	-	
Dunbarton																															
Finnart	9	9	15	-	5.9	-	-	28.0	-5.0	-	-	1774	-	43	18Jan,25May	224	195	-	6	-	-	-	17	-	-	-	-	-	-	-	
Helensburgh	9	9	89	11.1	4.8	7.9	-0.7	26.5	-6.0	-	-	1178	81	22	18Jan,1Apr,19Nov	225	176	-	9	-	-	-	10	31	-	-	-	-	3.39	103	-
Sloy	21-9	12	11.7	5.6	8.7	-	26.3	-6.8	-	-	-	2412	-	63	25 May	230	195	30	-	0	3	5	2	28	-	-	1	-	-	-	
Arrochymore	9	9	37	11.9	4.8	8.3	-	27.4	-8.4	-	-	1274	-	38	15 Feb	221	171	11	6	0	1	8	15	39	123	-	0	3.59	-	-	
Cumbernauld	9	9	94	11.4	3.5	7.5	-	27.0	-10.5	-	-	851	-	30	25 May	191	156	-	12	-	-	-	11	68	129	-	0	-	-	-	
Stirling																															
Earls Hill	21-9	335	9.4	3.6	6.5	-	25.4	-8.9	-	-	1251	-	48	25 May	215	171	39	-	6	1	2	51	63	125	104	28	3.47	-	-	-	
Stirling Batterflats	9	9	38	12.7	4.2	8.5	-	28.7	-7.4	9.5	9.6	873	-	33	25May,11Dec	197	148	22	14	0	6	5	12	58	161	-	2	3.33	-	-	
Parkhead	9	9	107	12.3	-	-	-	27.5	-8.5	9.4	-	705	-	26	11 Dec	192	148	-	7	-	-	16	-	-	-	-	-	-	-	-	
Falkirk Sewage Works	9	9	3	12.2	4.8	8.5	-	27.4	-9.6	-	-	647	-	23	25 May	181	138	7	5	0	2	0	12	44	-	-	0	3.33	-	-	
Renfrew																															
Greenock	9	9	61	11.3	5.9	8.6	-0.6	26.3	-6.0	-	-	1368	86	34	25 May	210	173	24	7	4	3	6	8	16	42	-	9	3.72	108	-	
Paisley	9	9	32	12.5	5.8	9.1	-0.3	28.0	-5.5	9.0	9.5	958	85	30	25 May	206	153	14	3	6	4	4	14	21	78	-	4	3.25	98	-	
Barrhead	9	9	30	12.1	4.7	8.4	-	27.4	-8.0	-	-	982	85	34	25 May	198	145	21	5	0	12	5	12	46	109	-	8	-	-	-	
Abbotsinch	21-9	5	12.2	5.0	8.6	-0.3	27.2	-7.5	-	-	-	809	78	29	25 May	193	143	31	5	17	4	6	17	53	118	82	1	3.54	104	-	
Lanark																															
Crossmyloof	9	9	23	-	5.1	-	-	28.5	-6.0	-	-	774	-	(25)	25 May	188	145	11	6	0	0	0	10	32	-	-	0	-	-	-	
East Kilbride	9	9	178	11.0	4.3	7.7	-	26.3	-10.9	-	-	1014	-	34	25 May	204	161	-	15	-	-	-	41	-	-	-	-	4.07	-	-	
Glasgow, Springburn	9	9	107	11.4	5.0	8.2	-0.3	27.1	-7.9	-	-	840	83	22	25 May	201	155	19	9	3	4	5	10	32	128	-	2	3.52	112	-	
Coatbridge	9	9	78	-	-	-	-	28.0	-8.0	-	-	668	74	22	11 Dec	182	134	10	8	0	0	1	-	-	-	-	1	-	-	-	
Leadhills	9	9	387	10.1	3.0	6.5	-0.2	25.7	-13.8	-	-	1539	93	40	25 May	237	180	43	34	1	4	7	11	73	169	-	0	-	-	-	
Crawfordjohn	9	9	274	10.3	2.8	6.5	-	25.5	-13.5	8.1	-	927	-	27	7 Apr	214	150	35	20	2	1	4	8	86	134	109	19	3.33	-	-	
Lanark	9	9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carnwath	9	9	208	11.1	2.4	6.7	-0.6	25.9	-14.6	8.2	-	641	73	20	9 Nov	188	141	32	14	13	8	8	6	97	175	-	46	-	-	-	
Camps Reservoir	9	9	295	9.9	2.9	6.4	-	25.3	-14.3	-	-	1108	87	33	7 Apr	222	166	43	22	0	9	4	21	82	-	-	33	3.25	-	S	
Ayr																															
Girvan	9	9	8	12.2	6.4	9.3	-	25.3	-6.4	-	-	1025	-	40	8 Apr	191	154	3	0	0	3	2	0	11	58	-	28	3.97	-	-	
Hunterston	9	9	8	-	6.5	-	-	27.2	-5.2	-	-	951	-	29	18 Jan	185	153	11	3	0	11	3	0	7	-	-	-	39	-	-	-
Auchincruive	9	9	45	11.7	5.2	8.5	-0.4	26.1	-8.5	9.3	9.4	783	78	21	18 Jan	186	135	13	0	10	7	2	0	37	99	-	4	3.96	110	-	
Prestwick	21-9	16	12.2	5.4	8.8	-	26.7	-8.8	-	-	-	788	84	36	7 June	178	135	10	0	11	8	3	1	38	90	71	2	3.93	-	-	
Dumfries																															
Dumfries	9	9	49	11.9	5.0	8.5	-0.3	26.7	-8.6	9.5	9.6	1029	95	35	11 Dec	193	146	11	-	1	3	6	2	33	123	-	1	3.73	105	-	
Auchen Castle	9	9	184	11.4	3.5	7.5	-	27.2	-9.6	-	-	1328	-	52	25 May	226	162	22	21	1	7	6	14	71	148	-	0	-	-	-	
Eskdalemuir psychrometer screen	21-9	242	-	10.4	3.3	6.9	-	25.8	-12.7	9.1	9.2	1418	90	36	25May,17June	217	170	53	22	30	14	20	11	78	161	110	5	3.26	99	-	
	-	-	-	10.7	3.5	7.1	-0.1	27.1	-12.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kirkcudbright																															
Bargrennan	9	9	110	11.8	4.0	7.9	-	27.3	-7.0	-	-	1474	98	47	18 Jan	229	176	11	11	1	12	0	5	65	169	-	0	-	-	-	
Palnure	9	9	15	12.0	4.9	8.5	-	27.4	-7.2	-	-	1229	93	39	18 Jan	207	169	9	4	0	4	0	19	43	113	-	4	-	-	-	
Clatteringshaws	9	9	178	10.9	-	-	-	26.6	-	-	-	2008	99	59	19 Nov	214	185	20	11	5	11	9	4	-	-	-	7	3.21	-	-	
Glenlee	9	9	55	-	-	-	-	27.9	-	-	-	1586	104	46	18 Jan	209	169	-	-	-	-	-	5	-	-	-	-	-	-	-	
Dundeugh	9	9	119	11.6	3.2	7.4	-	27.2	-13.5	8.3	-	1505	100	(45)	18 Jan	206	170	23	11	0	3	3	11	83	-	-	0	-	-	-	
Girdstingwood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenlochar Barrage	9	9	47	12.1	3.9	8.0	-	27.3	-9.5	-	-	1259	103	39	18 Jan	195	148	-	3	-	-	-	4	69	-	-	-	-	-	-	
Threave	9	9	73	11.9	4.7	8.3	-	27.3	-9.2	9.3	-	1230	96	40	19 Nov	189	150	19	2	17	1	12	3	41	141	-	4	-	-	-	
Wigtown																															
West Freugh	9	9	15	11.7	4.9	8.3	-	24.2	-8.4	-	-	863	85	24	19 Nov	202	157	-	-	-	-</										



Table 3 (continued)

District, county and place	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C					mean earth temp		rainfall (terminal h 09 GMT)					weather (number of days)										bright sunshine				
			means of				highest max and lowest min	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure	
			max. (a)	min. (b)	daily mean (mean of a & b)	difference from 1931-60 average								0.2 mm or more	1.0 mm or more														
																													max.
6b ISLE OF MAN																													
Isle of Man																													
Ronaldsway	21-9	16	12.1	6.8	9.5	-	24.3	-5.0	-	-	796	91	28	19 Nov	180	136	10	2	4	22	2	5	15	56	23	12	4.21	-	-
Douglas	9 9	87	11.4	6.8	9.1	-0.3	24.5	-3.5	-	-	1008	88	32	19 Nov	188	146	7	3	12	1	1	8	8	47	-	34	4.18	97	-
Point of Ayre	21-9	9	12.1	7.0	9.5	-	21.4	-2.5	-	-	804	102	26	31 Mar	181	146	4	2	1	0	4	1	12	-	38	4.15	-	-	
2 ENGLAND NE																													
Northumberland																													
Kielder Castle	9 9	201	10.9	2.8	6.9	-	27.0	-14.0	8.8	-	1117	91	44	11 Dec	195	156	14	14	2	0	4	38	94	147	-	0	-	-	-
Haydon Bridge	9 9	79	12.1	4.4	8.3	-	28.1	-15.1	9.1	9.5	557	-	21	26 Jan	180	115	10	5	0	2	2	22	47	97	-	0	-	-	-
Corbridge	9 9	49	12.2	-	-	-	27.5	-18.3	-	-	514	-	30	16 Mar	166	122	12	5	0	4	7	14	54	123	-	0	-	-	-
Berwick-on-Tweed	9 9	23	(11.2)	(5.5)	(8.3)	(-0.3)	21.5	-10.8	-	-	440	74	18	3 Feb	162	115	10	1	4	0	3	12	28	88	-	1	3.63	92	-
Acklington	21-9	42	11.5	4.7	8.1	-0.3	22.0	-13.2	-	-	557	83	20	26 Jan, 16 Mar	182	123	19	5	2	16	7	13	44	99	73	3	3.77	-	-
Tynemouth	21-9	29	11.1	6.6	8.9	-0.3	21.0	-8.0	-	-	466	69	25	26 Jan	170	105	9	3	4	0	7	14	11	62	-	12	3.39	94	-
Durham																													
Chopwellwood	9 9	136	11.7	4.9	8.3	-0.3	26.5	-10.0	-	-	583	79	22	26 Jan	187	139	12	8	1	0	1	21	31	137	-	0	-	-	-
Durham	9 9	102	11.9	4.9	8.4	-0.3	26.7	-13.1	9.1	9.5	563	84	24	26 Jan	182	122	-	7	-	-	33	37	107	-	-	3.12	85	-	-
Hartburn Grange	9 9	31	12.1	4.4	8.3	-	24.4	-16.4	-	-	471	-	25	12 Nov	164	108	11	6	1	2	15	25	50	105	-	3	3.24	-	-
Hartlepool	9 9	9	12.2	(6.4)	(9.3)	-	24.3	-9.0	-	-	493	79	30	26 Jan	169	108	6	6	2	3	4	14	18	-	-	4	3.37	-	-
Yorkshire N Riding																													
Leeming	21-9	32	12.3	5.5	8.9	-	26.5	-14.1	-	-	585	92	23	12 Nov	176	117	19	5	1	4	10	27	30	81	55	0	3.27	-	-
Marton	9 9	46	12.3	5.5	8.9	-	24.8	-9.3	9.5	9.5	561	-	22	26 Jan	182	123	10	6	2	7	8	5	29	85	-	0	3.27	-	-
York (Heslington)	9 9	20	12.4	5.4	8.9	-	26.1	-9.7	9.3	9.7	499	-	21	12 Nov	178	111	5	5	2	0	9	32	29	87	-	0	3.35	-	-
Pickering	9 9	44	12.1	4.2	8.1	-	25.2	-13.7	-	-	614	-	27	26 Jan	185	122	16	5	4	7	7	15	61	106	-	0	-	-	-
Scarborough	9 9	53	11.7	5.8	8.7	-	23.6	-6.6	9.4	9.7	548	-	39	9 June	173	118	8	5	3	1	4	16	21	82	43	21	3.59	94	-
Silpho Moor	9 9	203	10.9	4.6	7.7	-	22.6	-9.5	8.1	-	805	94	45	26 Jan	217	142	8	5	3	1	4	28	43	100	-	0	3.49	-	-
Yorkshire E Riding																													
High Mowthorpe	9 9	175	(10.9)	(4.7)	(7.8)	-	23.7	-10.2	(8.2)	-	634	81	40	10 June	(180)	(131)	-	6	-	-	-	33	44	107	-	-	(3.45)	-	-
Hull	9 9	2	12.8	6.0	9.4	-0.5	24.9	-10.0	10.0	10.2	514	80	31	8 Sept	170	116	6	5	0	0	2	13	24	67	-	1	3.48	95	-
Filey	9 9	37	11.3	5.3	8.3	-	23.3	-12.2	-	-	504	74	28	8 Sept	168	110	3	5	0	5	5	19	31	62	-	0	3.47	-	-
Bridlington	9 9	48	11.3	5.3	8.3	-0.5	24.0	-9.0	-	-	539	77	28	12 Nov	188	119	7	2	0	4	2	(26)	33	54	-	17	3.65	89	-
Lincoln																													
Waddington	21-9	68	12.2	5.7	8.9	-0.5	24.0	-9.6	-	-	564	-	45	8 Sept	180	118	16	5	4	8	11	27	32	59	49	0	3.61	88	-
Lincoln	9 9	7	12.7	5.1	8.9	-0.4	24.8	-14.0	10.1	10.0	571	95	47	8 Sept	173	119	4	5	0	0	12	17	47	108	-	0	3.40	-	-
Cranwell	9 9	62	12.4	5.0	8.7	-0.7	23.9	-10.8	9.8	10.0	513	86	37	8 Sept	170	103	9	5	2	3	8	24	38	80	58	1	3.55	87	-
Brigg	9 9	3	12.7	5.1	8.9	-	24.1	-14.5	-	-	585	-	30	8 Sept	193	127	6	5	7	0	13	21	38	121	-	1	-	-	-
Binbrook	21-9	108	11.5	5.5	8.5	-	23.4	-11.4	-	-	601	-	45	8 Sept	182	126	26	4	2	16	11	25	31	86	60	6	3.54	-	-
Cleethorpes	9 9	7	(12.4)	(6.2)	(9.3)	(-0.4)	24.2	-9.3	-	-	469	79	22	26 Jan	153	109	-	5	-	-	-	14	24	47	-	-	-	-	-
Manby	21-9	14	12.2	5.6	8.9	-	25.2	-11.7	9.9	-	522	90	38	8 Sept	172	117	13	5	4	11	16	16	36	95	49	3	3.65	-	-
Skegness	9 9	5	12.1	5.9	9.0	-0.5	26.0	-10.0	-	-	473	83	37	8 Sept	141	112	2	-	0	0	0	11	21	47	-	1	3.61	86	-
3 ENGLAND E																													
Norfolk																													
Terrington St Clement	9 9	3	13.0	5.3	9.1	-0.5	25.1	-10.2	9.8	-	483	-	30	1 Dec	155	103	5	3	0	0	1	23	36	91	-	0	3.60	87	-
Marham	21-9	23	13.0	5.6	9.3	-	24.4	-9.1	-	-	509	-	22	21 July	166	103	10	3	3	10	9	13	41	68	55	2	-	-	-
Santon Downham	9 9	24	-	(3.5)	-	-	-	-9.8	9.7	9.9	539	81	42	1 Aug	179	110	-	4	-	-	-	88	168	-	-	-	3.58	-	-
East Dereham	9 9	53	13.5	5.3	9.4	-	26.6	-8.5	-	-	604	-	60	1 Aug	169	118	-	5	-	-	33	39	108	-	-	-	-	-	-
Morley St. Botolph	9 9	48	12.8	5.2	9.0	-	24.5	-12.0	9.7	-	492	-	27	31 July	161	105	8	4	0	1	3	-	39	102	-	3	3.86	-	-
Cromer	9 9	54	(12.2)	(6.6)	(9.4)	(-0.4)	23.5	-10.2	-	-	465	69	27	26 Jan	128	108	1	-	1	0	3	8	9	32	-	8	-	-	-
Scole	9 9	30	13.1	5.4	9.3	-	25.9	-9.7	9.9	10.3	455	-	22	1 Aug	156	101	11	3	0	5	7	21	44	87	-	1	3.82	-	S
Coltishall	21-9	17	12.7	5.9	9.3	-	24.2	-13.4	-	-	483	-	25	26 Jan	175	97	14	4	8	4	10	17	41	98	51	3	-	-	-
Suffolk																													
Brooms Barn	9 9	75	12.9	5.6	9.3	-	25.2	-7.9	9.7	10.1	471	-	25	1 Aug	171	100	6	4	5	5	12	18	29	55	-	7	3.86	-	-
Honington	21-9	50	13.1	5.8	9.5	-	26.2	-7.9	-	-	469	-	30	24 July	161	100	14	4	3	4	11	17	27	85	53	3	-	-	-
East Bergholt	9 9	4	13.8	4.8	9.3	-	28.0	-10.8	-	-	439	73	19	26 Jan	151	101	-	-	-	-	12	59	154	-	-	-	-	-	-
Wattisham	21-9	89	12.6	5.6	9.1	-	25.9	-12.0	-	-	444	74	27	18 Sept	173	97	15	3	3	5	10	24	29	83	50	2	4.13	-	-
Lowestoft	9 9	25	12.5	6.5	9.5	-0.2	22.9	-11.2	10.3	10.4	375	62	26	18 Sept	148	95	8	3	1	2	7	6	17	37	-	8	3.96	89	S
Cambridge																													
Boxworth	9 9	44	13.2	5.5	9.3	-	25.7	-8.0	-	-	412	76	17	8 Sept	145	91	5	0	1	0	2	20	40	99	-	1	4.12	-	-
Mepal	9 9	1	13.4	4.9	9.1	-	25.5	-8.2	10.4	10.8	399	-	18	31 July	145	93	4	0	0	3	7	25	44	111	-	0	3.56	-	-
March	9 9	2	(13.5)	-	-	-	24.9	-8.5	-	-	459	78	26	1 Aug	150	97	-	0	-	-	-	-	-	-	-	-	-	-	-
Cambridge																													
Botanic Gardens	9 9	12	13.7	5.7	9.7	-0.2	26.9	-8.0	-	-	403	73	27	1 Aug	137	95	5	1	0	0	0	6	24	-	-	1	-	-	-
National Institute of Agricultural Botany	9 9	26	13.5	5.6	9.5	-0.4	26.6	-8.0	-	-	420	77	29	1 Aug	146	103	3	0	0	0	1	24	28	-	-	0	4.07	100	-
Huntingdon																													
Monks Wood	9 9	40	13.0	(5.1)	(9.1)	-	24.5	-9.8	-	10.2	423	-	20	8 Sept	157	103	-	1	-	-	-	29	41	84	-	-	3.61	-	-
Wyton	21-9	40	13.2	6.1	9.7	-	25.8	-9.4	-	-	423	78	34	1 Aug	147	90	14	0	3	8	9	25	25	82	58	1	-	-	-
Bedford																													
Woburn	9 9	89	12.9	5.1	9.0	-0.3	24.8	-9.4	9.8	10.0	494	78	45	31 July	161	114	7	0	2	1	3	21	42	103	-	2	3.44	85	-
Silsoe	9 9	61	13.0	5.3	9.1	-	25.0	-8.4	9.5	10.3	459	80	18	8 Sept	152	101	9	1	9	4	18	30	44	88	65	-	3.66	-	-
Cardington	21-9	29	13.4	5.4	9.4	-0.2	26.6	-8.8	10.0	10.2	424	81	19	20 July	155	99	12	0	8	3	16	20	43	96	66	2	3.62		



Table 3 (continued)

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine						
				means of		daily mean (mean of a & b) (difference from 1931-50 average)	highest max and lowest min.		30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-50 average	exposure		
				max. (a)	min. (b)		max.	min.																								
																															date	
3 ENGLAND E—continued																																
Essex																																
Little Parndon	9 9	54	13.3	5.6	9.5	-	25.8	-9.7	-	-	438	-	35	31 July	125	93	-	1	-	-	-	-	12	29	-	-	-	-	-	-	-	-
Harlow	9 9	79	13.7	5.6	9.7	-	26.1	-8.5	-	10.5	459	-	17	12 Nov	145	105	(5)	(2)	(0)	(0)	(5)	25	32	-	-	-	0	-	-	-	-	
Stansted	21-9	101	12.8	5.7	9.3	0.0	25.4	-8.6	-	-	528	84	25	31 July	161	102	14	0	6	4	9	23	34	96	52	1	-	-	-	-	-	
Writtle	9 9	32	13.6	5.4	9.5	-	26.0	-12.7	10.3	-	470	80	32	18 Sept	153	102	7	3	1	3	11	38	45	119	-	-	0	3.55	-	-	-	
Southend	9 9	2	13.3	7.2	10.3	-	25.6	-11.0	-	-	384	-	32	23 July	138	91	14	3	0	0	7	12	9	68	-	-	13	4.14	-	-	-	
Maldon	9 9	4	(13.6)	(6.3)	(9.9)	-	26.6	-11.7	-	-	-	-	-	-	-	-	6	-	3	1	5	16	21	-	-	0	-	-	-	-	-	
Earls Colne	9 9	49	13.6	5.6	9.6	-	26.5	-9.4	10.1	10.5	476	78	31	31 July	159	100	-	3	-	-	-	26	32	95	-	-	-	-	-	-	-	
Shoeburyness	21-9	2	13.1	7.1	10.1	-0.3	24.9	-11.0	-	-	364	71	24	18 Sept	147	92	10	3	7	3	11	18	13	94	49	7	4.21	94	-	-	-	
Clacton-on-Sea	9 9	16	12.6	7.2	9.9	-0.1	25.0	-7.8	10.9	11.0	340	62	17	18 Sept	134	88	8	2	1	0	8	11	12	65	-	11	4.21	92	-	-	-	
4 MIDLAND COUNTIES																																
Yorkshire W Riding																																
Slaidburn	9 9	192	10.9	4.5	7.7	-	26.4	-10.8	-	-	139.5	88	73	9 Nov	209	169	21	9	6	3	1	13	43	106	-	0	3.07	-	-	-	-	
Malham Tarn	9 9	395	-	3.7	-	-	24.2	-9.6	-	-	1429	93	47	9 Nov	215	180	35	47	1	3	1	40	57	126	-	0	-	-	-	-	-	
Huddersfield	9 9	99	-	(5.7)	-	-	25.9	-11.5	9.5	9.6	700	88	42	5 Dec	175	146	-	7	-	-	-	19	29	(83)	-	-	3.03	98	-	-	-	
Huddersfield Oakes	21-9	232	11.5	5.1	8.3	-0.5	26.4	-9.0	8.8	7.9	948	99	44	5 Dec	228	157	31	9	4	13	19	55	35	102	61	19	2.96	87	-	-	-	
Bradford	9 9	134	11.6	5.3	8.5	-0.4	25.7	-11.1	9.2	9.4	849	100	25	8 Sept, 12 Nov	188	145	19	6	13	5	8	30	31	83	-	0	3.09	91	S	-	-	
Ilkley	9 9	83	12.0	5.1	8.5	-	27.0	-9.5	-	-	853	89	36	15 Feb	179	143	14	4	5	0	7	29	34	67	-	0	3.17	-	-	-	-	
Sheffield	9 9	131	(12.3)	-	-	-	26.1	-	9.5	9.9	809	104	40	1 Aug	184	140	13	8	0	2	4	-	10	58	-	0	3.02	89	-	-	-	
Pontefract	9 9	78	12.2	5.5	8.9	-0.3	24.8	-8.2	-	-	470	78	23	8 Sept	180	104	9	5	0	1	6	39	31	-	-	0	-	-	-	-	-	
Bramham	9 9	54	(12.2)	(4.5)	(8.3)	-	24.7	-10.0	-	-	604	90	23	12 Nov	172	118	9	4	(1)	(2)	(5)	(23)	43	-	-	0	-	-	-	-	-	
Cavood	9 9	6	12.5	5.0	8.7	-	25.5	-8.5	9.2	9.5	545	87	23	8 Sept	172	115	3	2	1	2	6	22	31	90	-	2	3.10	-	-	-	-	
Askham Bryan	9 9	34	12.6	5.0	8.8	-	25.4	-10.2	-	-	587	89	25	31 July	157	111	7	5	3	0	8	58	40	86	-	6	3.20	90	-	-	-	
Derby																																
Buxton	9 9	3	10.2	4.4	7.3	-0.5	24.0	-12.4	-	-	1335	108	35	26 May	209	172	26	13	0	4	6	64	48	82	-	2	-	-	-	-	S	
Mackworth	9 9	89	(12.3)	-	-	-	25.4	-12.1	-	-	657	-	41	8 Sept	178	126	-	5	-	-	-	16	39	-	-	-	-	-	-	-	-	
Ashover	9 9	186	11.6	5.2	8.4	-	25.6	-10.4	-	-	945	-	44	8 Sept	195	153	29	12	0	8	7	43	36	82	-	1	3.28	-	-	-	-	
Derby	9 9	48	13.0	5.9	9.5	-	26.4	-10.8	-	-	637	91	42	8 Sept	178	125	8	6	0	0	7	16	29	87	-	3	-	-	-	-	-	
Morley	9 9	107	(12.4)	-	-	-	25.5	-12.0	-	-	711	95	38	8 Sept	179	136	-	6	-	-	-	54	-	91	-	-	3.35	-	-	-	-	
Wingerworth	9 9	126	11.9	4.7	8.3	-	25.5	-14.0	9.6	-	871	-	44	8 Sept	192	143	18	10	2	10	15	46	47	118	85	2	2.96	-	-	-	-	
Nottingham																																
Sutton Bonington	9 9	48	(12.6)	(5.4)	(9.0)	-0.4	24.7	-10.9	9.6	9.8	568	97	54	8 Sept	165	113	9	5	4	2	5	12	25	118	-	0	3.20	88	-	-	-	
Watnall	21-9	117	12.2	5.6	8.9	-0.4	25.0	-11.4	-	-	705	102	43	8 Sept	183	127	29	6	13	10	15	39	28	87	51	0	2.88	79	-	-	-	
Mansfield	9 9	114	-	5.6	-	-	-	-10.0	9.4	-	773	111	48	8 Sept	179	138	8	-	0	0	6	14	17	57	-	0	-	-	-	-	-	
Nottingham	9 9	59	12.8	6.1	9.5	-0.3	24.6	-9.4	(9.6)	9.8	645	105	44	8 Sept	176	126	-	5	-	-	-	18	21	71	-	-	3.19	94	-	-	-	
Warsop	9 9	46	12.6	(4.7)	(8.7)	-	25.7	-17.7	-	-	591	101	47	8 Sept	172	121	-	5	-	-	-	32	46	133	-	-	3.15	-	-	-	-	
Leicester																																
Newtown Linford	9 9	119	12.4	5.0	8.7	-	25.0	-10.0	-	-	600	87	60	8 Sept	181	120	9	1	3	3	7	18	40	-	-	1	3.13	-	-	-	-	
Caldecott	9 9	52	(12.9)	(4.8)	(8.9)	-	24.7	-12.8	-	-	(535)	93	29	8 Sept, 1 Dec	154	111	-	5	-	-	-	40	50	89	-	-	(3.41)	-	-	-	-	
Northampton																																
Bugbrooke Mills	9 9	69	-	-	-	-	24.6	-10.0	-	-	599	100	37	1 Dec	171	110	-	4	-	-	-	29	-	-	-	-	-	-	-	-	-	
Raunds	9 9	59	13.0	5.2	9.1	-0.4	24.5	-12.5	10.0	10.1	504	87	25	8 Sept	173	113	9	1	3	7	11	21	45	86	-	2	3.35	90	-	-	-	
Warwick																																
Birmingham	9 9	137	(12.5)	(5.8)	(9.1)	-	24.9	-10.0	-	-	764	99	55	8 Sept	172	126	17	7	2	10	10	17	29	-	-	0	-	-	-	-	-	
King Edward School	21-9	163	12.0	6.3	9.1	-0.5	25.2	-7.5	9.0	-	785	101	56	8 Sept	184	128	21	7	9	6	10	24	16	70	49	2	3.25	92	-	-	-	
Edgbaston	9 9	56	13.1	5.3	9.2	-	25.2	-10.7	-	-	563	-	29	8 Sept	176	118	12	3	1	1	8	43	45	100	-	0	3.40	-	-	-	-	
Luddington	9 9	49	(13.3)	(4.8)	(9.1)	-	25.2	-13.2	10.6	-	593	97	33	8 Sept	185	116	9	5	1	5	2	14	56	-	-	1	3.44	-	-	-	-	
Stratford-on-Avon	9 9	111	12.5	5.4	8.9	-	24.0	-9.6	9.5	-	682	101	36	8 Sept	195	128	12	4	0	9	9	22	31	-	-	11	3.47	-	-	-	-	
Shipston-on-Stour	21-9	96	12.4	5.4	8.9	-	24.9	-10.1	-	-	715	-	50	8 Sept	170	115	26	5	14	1	16	18	37	115	66	2	3.52	-	-	-	-	
Elmdon	9 9	47	(13.9)	(5.2)	(9.1)	-	25.2	-10.6	-	-	542	85	30	8 Sept	166	119	-	-	-	-	-	(45)	-	-	-	-	3.00	-	-	-	-	
Wellesbourne	9 9	85	12.9	5.2	(9.1)	-	24.6	-9.8	-	-	599	94	35	8 Sept	178	117	9	1	2	3	5	39	39	97	-	2	3.62	-	-	-	-	
Moreton Morrell	9 9	85	12.9	5.2	(9.1)	-	24.6	-9.8	-	-	599	94	35	8 Sept	178	117	9	1	2	3	5	39	39	97	-	2	3.62	-	-	-	-	
Rugby	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Oxford																																
Brize Norton	21-9	81	13.1	5.9	9.5	-	25.2	-10.8	-	-	568	-	28	8 Sept	173	115	19	1	3	6	8	24	31	84	-	0	-	-	-	-	-	
Oxford	9 9	63	13.3	6.3	9.8	-0.3	25.1	-8.0	10.4	10.6	576	88	24	19 Nov	161	101	7	2	0	7	5	18	21	78	-	0	3.56	87	-	-	-	
Shirburn Model Farm	9 9	108	13.2	5.1	9.1	-	25.4	-10.5	-	-	606	-	23	5 Dec	176	111	13	1	1	5	6	21	39	121	-	4	-	-	-	-	-	
Buckingham																																
Medmenham	9 9	30	13.6	4.5	9.1	-	25.8	-11.1	-	-	582	-	26	5 Dec	157	110	-	-	-	-	-	-	64	146	-	-	-	-	-	-	-	-
Grendon Underwood	9 9	67	13.1	4.3	8.7	-	25.0	-13.4	10.0	10.1	572	-	24	8 Sept	160	108	11	0	0	0	2	-	63	135	-	0	3.65	-	-	-	-	
Aylesbury	9 9	96	(13.3)	-	-	-	25.4	-10.2	-	-	556	84	22	31 July	145	110	10	3	3	2	8	33	31	108	-	1	3.49	-	-	-	-	-
Stafford																																
Keele	9 9	179	11.3	5.1	8.2	-	26.0	-8.7	8.9	9.1	820	102	29	8 Sept	203	156	18	7	6	9	16	19	42	93	-	0	3.44	-	-	-	-	
Oaken	9 9	125	12.3	-	-	-	26.3	-10.6	9.6	-	759	-	40	8 Sept	177	141	-	5	-													



Table 3 (continued)

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 GMT)					weather (number of days)										bright sunshine					
				means of			highest max. and lowest min.	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day		precip- itation	0.2 mm or more	1.0 mm or more	snow or sleet	snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1911-60 average	exposure		
				max. (a)	min. (b)	daily mean (mean of a & b) difference from 1931-60 average																										
				max.	min.																											
4 MIDLAND COUNTIES—continued																																
Hereford																																
Sewage Works	9 9	52	13.4	5.4	9.4	-	25.7	-9.8	10.5	10.9	682	-	46	8 Sept	165	119	7	1	0	3	9	31	40	126	-	0	3.71	-	-			
Lyonsall	9 9	155	12.2	5.2	8.7	-0.5	25.2	-10.0	-	-	895	108	39	8 Sept	190	150	-	-	-	-	-	-	38	114	-	-	-	-	-			
Ross-on-Wye	21-9	68	13.1	6.1	9.6	-0.4	25.5	-9.9	10.2	0.5	722	102	43	8 Sept	165	120	8	2	0	3	5	17	24	84	45	0	3.40	85	-			
Preston Wynne	9 9	84	(12.8)	-	-	-	25.3	-	-	-	703	109	44	8 Sept	181	137	-	0	-	-	-	26	-	-	-	-	-	3.39	-			
Gloucester																																
Filton	21-9	59	13.1	6.6	9.9	-0.2	25.9	-9.1	-	-	743	94	33	6 Dec	179	129	9	0	10	3	7	11	18	80	47	6	3.84	-	-			
Hempsted	9 9	12	13.5	5.6	9.5	-	26.0	-10.4	10.7	1.1	625	85	35	8 Sept	165	116	7	0	1	7	6	11	38	84	-	1	3.53	-	-			
Gloucester	21-9	23	13.7	7.1	10.4	-	26.2	-9.0	-	-	638	-	33	8 Sept	170	116	10	0	9	5	10	11	16	75	36	1	3.65	-	-			
Cheltenham	9 9	65	13.1	6.1	9.6	-0.5	25.5	-9.5	-	-	613	92	25	8 Sept	185	121	-	-	-	-	-	-	28	-	-	-	-	3.52	-	-		
Cirencester	9 9	135	12.6	5.1	8.9	-	24.3	-10.5	-	-	761	89	53	1 Dec	177	135	-	1	-	-	-	-	(40)	103	-	-	-	-	-	-		
Little Rissington	21-9	225	(11.6)	5.5	(8.5)	-	23.0	-8.5	-	-	733	95	44	1 Dec	183	126	37	11	17	6	9	46	37	(71)	55	5	3.70	-	-	-		
5 ENGLAND SE																																
Greater London																																
Kensington Palace	9 9	25	14.0	-	-	-	27.3	-	11.0	1.2	468	73	18	1 Aug	158	110	7	2	0	5	12	15	-	93	-	4	-	-	-	-		
Hampstead	9 9	137	-	6.0	-	-	25.7	-7.8	-	-	511	75	23	5 Dec	160	118	8	3	2	1	11	-	22	71	-	2	3.90	97	-	-		
St James Park	9 9	4	(14.2)	7.5	(10.9)	(-0.2)	27.6	-6.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	60	-	-	-	-	-	-		
London Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich	9 9	7	-	(6.8)	-	-	27.0	-12.7	-	-	434	76	14	18 Sept	150	102	7	2	1	1	5	10	(15)	54	-	0	3.71	99	-	-		
Heathrow	21-9	25	14.1	6.9	(10.5)	+0.1	27.7	-9.3	-	-	444	74	19	5 Dec	152	100	8	2	5	0	8	10	19	67	-	1	3.78	-	-	-		
Hampton	9 9	12	13.7	6.8	10.3	-	27.2	-9.0	-	-	419	71	13	4 Mar	159	105	5	3	0	6	7	18	15	89	-	6	(3.88)	-	-	-		
Wealdstone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Southgate	9 9	67	13.7	(6.5)	(10.1)	-	26.7	-7.1	10.5	-	557	88	26	5 Dec	161	111	11	1	0	3	9	-	16	81	-	0	4.15	-	-	-	-	
Kew	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
psychrometer screen	-	-	13.7	5.9	9.8	-	27.0	-9.6	10.2	0.4	423	70	15	5 Dec	151	98	10	2	1	8	7	10	44	120	64	0	4.08	98	-	-	-	
Waddon	9 9	59	13.7	6.2	9.9	-0.5	26.0	-11.0	-	-	596	86	33	1 Aug	142	111	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	
Addington	9 9	144	12.9	6.0	(9.5)	(-0.3)	26.3	-9.0	-	-	615	84	27	1 Aug	178	116	-	-	-	-	-	2	22	-	-	-	-	-	-	-	-	
Bromley	9 9	65	(13.3)	(6.6)	(9.9)	(-0.5)	27.0	-10.0	-	-	558	87	45	1 Aug	151	108	-	3	-	-	-	7	-	-	-	-	-	-	-	-	-	
Surrey																																
Gatwick	21-9	59	13.5	5.3	9.4	-0.4	25.8	-15.6	-	-	682	89	26	8 Sept	171	119	11	3	4	5	9	17	54	110	56	1	3.96	-	-	-	-	
Wisley	9 9	35	(13.8)	5.6	(9.7)	(-0.2)	27.2	-10.8	10.3	0.6	523	-	16	21 July, 12 Nov	162	108	4	2	2	1	10	58	30	109	-	21	3.75	-	-	-	-	
Mickleham	9 9	55	(13.4)	(4.3)	(8.9)	-	26.2	-12.8	10.3	0.4	659	88	24	8 Sept	170	121	7	4	0	1	5	10	75	-	-	1	-	-	-	-	-	
Kent																																
Hadlow College	9 9	30	13.4	5.1	9.3	-	24.8	-16.3	10.2	0.4	505	-	19	21 July	159	112	8	3	0	2	8	16	55	107	-	3	3.63	-	-	-	-	
Gillingham	9 9	4	(13.9)	(6.7)	(10.3)	-	25.4	-13.4	-	-	451	73	16	18 Sept, 12 Nov	155	98	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dungeness	9 9	3	12.6	7.5	(10.1)	-0.1	25.0	-8.9	-	-	549	86	31	18 Sept	161	109	4	1	2	2	7	10	17	-	-	25	-	-	-	-	-	
Whitstable	9 9	3	13.3	6.7	10.0	-	23.2	-10.5	-	-	487	89	37	18 Sept	155	109	5	3	3	3	14	7	22	-	-	16	4.06	-	-	-	-	
Folkestone	9 9	31	12.8	6.3	9.5	-	23.2	-12.9	-	11.2	579	-	35	18 Sept	169	116	10	3	4	4	18	9	30	85	-	38	-	-	-	-	-	
Herne Bay	9 9	31	12.9	6.2	9.5	-	23.2	-8.5	-	-	462	-	41	18 Sept	140	106	2	1	0	2	4	56	21	-	-	0	4.45	-	-	-	-	
Dover	9 9	6	13.0	7.7	10.3	-0.2	23.7	-9.3	11.3	1.3	612	84	29	1 Aug, 18 Sept	165	127	9	3	4	4	11	5	11	22	-	8	4.50	-	-	-	-	
Manston	21-9	44	12.9	7.0	9.9	-	23.7	-12.0	-	-	443	79	29	18 Sept	158	103	12	2	10	3	14	10	21	69	40	6	-	-	-	-	-	
Margate	9 9	16	12.7	7.9	10.3	-0.4	23.3	-7.4	10.7	1.0	430	-	24	8 Dec	148	100	6	3	0	1	8	12	10	24	-	16	4.32	90	-	-	-	
Goudhurst	9 9	85	12.9	5.3	9.1	-	23.7	-14.0	-	-	717	86	28	18 Sept	187	130	5	6	0	3	6	7	46	129	-	1	-	-	-	-	-	
East Malling	9 9	37	13.4	5.6	9.5	-0.2	24.6	-17.7	9.8	1.0	509	75	26	1 Aug	165	105	8	6	1	1	10	20	35	83	-	3	3.91	91	-	-	-	
Throley	9 9	150	(12.3)	(5.4)	(8.9)	-	23.3	-9.5	9.7	9.9	668	84	41	18 Sept	192	126	10	5	2	3	9	26	26	100	-	28	(3.73)	-	-	-	-	
Faversham	9 9	48	13.0	5.9	9.5	-	23.5	-12.1	10.1	0.5	556	-	31	18 Sept	174	114	9	3	9	4	19	22	29	84	-	0	3.93	-	-	-	-	
Wye	9 9	56	12.8	5.5	9.1	-0.7	22.5	-10.5	10.2	0.4	590	61	45	18 July	164	119	7	2	0	6	10	37	38	120	-	16	4.08	90	-	-	-	-
Sussex																																
Thorney Island	21-9	4	13.6	6.8	10.2	-	27.3	-7.7	-	-	592	87	25	8 Sept	165	120	8	1	1	7	11	4	25	73	42	9	4.41	-	-	-	-	
Rogate	9 9	64	-	5.3	-	-	26.6	-9.5	11.1	-	903	-	27	1 Dec	155	127	6	2	0	1	2	23	42	136	-	1	-	-	-	-	-	
Bognor Regis	9 9	7	13.2	7.2	10.2	-0.2	27.3	-6.6	-	11.5	584	80	32	10 June	138	111	3	0	2	3	3	5	14	56	-	11	4.81	100	-	-	-	
Fernhurst	9 9	57	13.5	4.5	9.0	-	27.1	-15.0	10.3	-	790	89	27	1 Dec	175	122	5	-	0	1	1	-	75	97	-	0	3.90	-	-	-	-	
Littlehampton	9 9	5	13.5	7.1	10.3	-0.1	26.6	-8.0	-	11.3	599	83	24	8 Dec	153	111	4	2	0	0	4	2	11	-	-	1	4.59	94	-	-	-	
Worthing	9 9	2	13.3	7.2	10.3	-	26.2	-7.1	11.0	-	615	-	35	8 Dec	149	114	5	2	2	0	7	1	13	65	-	8	4.61	93	-	-	-	
Brighton	9 9	10	12.9	7.8	10.3	-	24.5	-7.3	-	11.8	606	88	20	10 Oct	159	120	5	2	0	3	7	1	9	-	-	42	4.53	94	-	-	-	
Wakehurst Place	9 9	133	12.7	5.9	9.3	-	24.2	-10.5	-	-	758	-	24	8 Sept	169	131	6	6	2	2	5	15	28	80	-	4	-	-	-	-	-	
East Hoathly	9 9	40	-	-	-	-	24.6	-11.7	-	-	636	-	24	8 Dec	170	132	4	3	-	-	-	13	-	-	-	-	-	4.40	-	-	-	
Eastbourne	9 9	7	13.1	7.9	10.5	-0.1	25.5	-5.4	11.4	1.8	593	76	17	12 Nov	172	123	4	-	1	1	3	7	4	47	-	17	4.71	95	-	-	-	
Bexhill	9 9	4	13.1	7.4	10.3	-0.1	24.2	-6.0	11.1	-	572	80	20	6 Dec	150	116	-	0	-	-	-	6	18	-	-							



Table 3 (continued)

District, county and place	max. min.	terminal h (GMT) of observation	height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 GMT)				weather (number of days)											bright sunshine	
				means of		highest max. and lowest min.	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day		precip- itation  0.2 mm or more or more	snow or sleet  snow lying at 09h	hail	ice pellets, etc.	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure		
				max. (a)	min. (b)							daily mean (mean of a & b) difference from 1931-60 average	max.														min.	date
5 ENGLAND SE—continued																												
Hampshire—continued																												
Alice Holt Lodge	9 9	115	13.0	5.3	9.1	26.0	-11.2	-	-	745	94	27	5 Dec	175	127	5	5	2	2	6	22	39	116	-	1	3.92	-	S
South Farnborough	9 9	69	13.6	5.6	9.6	-0.3	26.9	-11.6	-	604	88	19	1 May	170	112	-	1	-	-	15	37	103	61	-	3.88	93	-	
Isle of Wight																												
St Catherines Point	9 9	16	12.9	7.9	10.4	-0.1	26.5	-4.3	-	703	93	29	17 Nov	172	129	7	-	3	1	8	4	3	-	13	-	-	-	
Ventnor (see Introduction)	9 9	135	13.0	7.9	10.5	-0.2	25.4	-4.5	11.2	1.4	781	95	21	12 Nov	180	141	4	3	0	5	4	6	15	-	25	5.03	100	
Shanklin	9 9	55	13.1	7.2	10.1	-	25.4	-7.6	-	815	90	23	12 Nov	182	146	3	-	0	0	6	26	9	-	2	4.95	-	S	
Sandown	9 9	4	13.6	8.0	10.8	-0.1	26.7	-5.4	-	710	92	30	12 Nov	134	126	3	-	0	0	3	2	4	-	-	4.88	-	-	
Ryde	9 9	4	13.3	7.2	10.3	-0.7	23.6	-6.6	-	712	94	20	12 Nov	161	129	6	1	3	5	10	6	8	-	4	4.41	91	-	
Wiltshire																												
Lacock	9 9	49	(13.2)	(4.9)	(9.1)	-	24.5	-10.0	-	(679)	(92)	29	9 Oct	(149)	(122)	-	0	-	-	17	43	106	-	-	-	-	-	
Lynham	21-9	145	12.4	5.9	9.1	-0.4	24.1	-9.0	-	680	93	36	1 Dec	176	125	16	0	11	7	26	27	82	58	1	3.93	-	-	
Larkhill	9 9	132	13.0	5.4	9.2	-0.2	25.0	-10.0	-	843	117	32	5 Dec	175	130	10	1	4	0	9	20	30	90	44	4	-	-	
Boscombe Down	21-9	126	13.0	5.7	9.3	-0.3	25.4	-9.7	-	825	114	33	4 Mar	175	125	14	2	9	0	7	21	30	103	62	3	4.14	97	
Upavon	21-9	179	12.7	5.7	9.2	-	24.3	-8.1	-	852	111	29	5 Dec	183	131	16	4	6	7	9	24	25	82	43	-	-	-	
Porton	9 9	111	13.1	4.7	8.9	-0.5	25.4	-10.4	9.6	-	810	108	40	4 Mar	161	126	-	1	-	-	23	45	136	67	-	3.94	89	
7a ENGLAND NW																												
Cumberland																												
Sellafield	9 9	13	(12.3)	(6.1)	(9.2)	-	26.2	-6.5	-	985	89	35	18 Jan	188	144	-	0	-	-	46	27	67	-	-	4.23	-	-	
Bromfield	9 9	20	12.3	4.5	8.4	-	25.7	-9.8	-	821	-	38	17 June	185	134	8	0	12	2	12	7	56	91	4	-	-	-	
Carlisle	21-9	26	12.3	5.5	8.9	-	28.2	-9.7	-	681	-	23	17 June, 9 Nov	177	126	18	6	12	0	11	7	31	113	55	1	3.73	-	
Newton Rigg	9 9	171	(11.5)	(4.5)	(8.0)	-0.3	27.0	-11.0	(8.9)	-	873	98	29	9 Nov	187	132	-	8	-	-	4	44	133	-	-	-	-	
Westmorland																												
Great Dun Fell	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.12	-	-	
Moor House	9 9	556	7.9	1.6	4.7	-	23.9	-18.5	6.2	-	1788	87	53	20 Nov	230	196	-	81	-	-	55	124	215	-	-	2.95	-	
Lancashire																												
Squires Gate	21-9	10	12.4	6.1	9.3	-0.3	26.1	-9.4	-	797	93	25	12 Nov	174	139	15	2	3	14	7	6	30	83	47	6	3.75	90	
Aigburth	9 9	14	12.6	6.7	9.7	-	25.8	-6.0	-	672	-	22	12 Nov	180	134	9	1	14	0	8	17	11	41	41	0	3.61	-	
Southport	9 9	5	12.3	5.5	8.9	-	25.1	-7.7	9.6	10.2	755	89	28	3 July	177	139	-	2	-	-	23	30	64	-	-	3.77	-	
Cartmel	9 9	34	(12.3)	(4.9)	(8.6)	-	26.9	-9.6	-	1143	-	47	16 Mar	179	147	6	4	1	0	7	7	41	-	0	-	-		
Grizedale	9 9	91	(12.0)	(3.7)	(7.9)	-	27.0	-10.0	(8.9)	-	1832	-	59	9 Nov	215	176	14	8	4	6	9	6	(69)	183	-	7	-	
Speke	21-9	22	12.7	6.3	9.5	-	27.0	-8.3	-	683	88	32	21 July	182	131	21	2	21	1	12	20	19	56	47	1	3.59	-	
Kirkham	9 9	24	(12.3)	(5.3)	(8.8)	-	25.0	-8.8	-	850	88	30	9 Nov	182	148	6	2	2	7	8	7	36	-	0	3.81	-		
Bailrigg	9 9	53	12.1	5.7	(8.9)	-	25.1	-9.4	-	990	-	34	9 Nov	185	148	-	3	-	-	6	25	111	-	-	3.73	-		
Morecambe	9 9	7	12.4	6.9	9.7	0.0	26.0	-7.7	-	936	96	29	28 Apr	187	146	6	3	3	1	3	1	15	-	0	3.96	98		
Preston	9 9	33	12.3	6.0	9.1	-	27.0	-8.0	-	924	92	31	9 Nov	190	146	9	1	4	11	10	12	22	89	1	-	-		
Bolton	9 9	107	12.0	4.6	8.3	-	27.5	-10.2	9.2	9.2	1023	-	33	20 Nov	191	153	-	7	-	-	16	43	66	-	3.29	-		
Stonyhurst	9 9	115	11.9	(5.1)	(8.5)	-0.5	28.4	-10.0	-	1103	91	33	12 Nov	183	152	-	3	-	-	24	34	-	-	-	-	-	-	
Manchester Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.16	-	-	
Helmshore	9 9	260	10.7	4.9	7.8	-	25.7	-9.7	8.5	-	1441	94	36	18 Jan	205	165	-	13	-	-	28	40	131	-	-	-	-	
Nelson	9 9	165	(11.3)	(5.0)	(8.1)	-	25.5	-11.6	8.8	9.0	1109	98	37	24 July	199	156	-	2	-	-	6	37	-	-	3.21	-	S	
Rochdale	9 9	110	12.0	5.3	8.7	-	27.0	-9.2	-	1096	95	33	12 Nov	206	158	7	0	5	0	9	11	39	-	4	-	-	-	
Cheshire																												
West Kirby Park	9 9	8	13.0	6.7	9.9	-	26.4	-6.2	-	658	85	31	31 July	183	122	-	0	-	-	-	14	41	-	-	3.60	-	-	
Ness Gardens	9 9	55	(12.7)	(6.0)	(9.3)	-	26.7	-7.7	-	667	-	25	21 Nov	174	124	12	1	9	2	8	13	19	155	6	3.25	-	-	
Winnington	9 9	20	13.1	6.4	9.7	-	28.1	-6.8	-	671	87	26	8 Sept	178	140	5	0	1	6	6	18	16	(55)	0	-	-	-	
Knutsford	9 9	65	(12.9)	(5.2)	(9.1)	-	28.4	-8.4	(9.7)	(9.9)	819	97	33	21 July	177	147	-	3	-	-	31	112	-	-	-	-	-	
Ringway	21-9	75	12.4	6.4	9.4	0.0	28.2	-8.0	-	834	104	25	31 Mar	185	142	25	1	9	6	16	6	20	50	37	2	3.50	101	
Macclesfield	9 9	152	(11.9)	(5.7)	(8.8)	-0.2	26.5	-7.6	-	(908)	98	35	21 July	(195)	(155)	13	7	1	6	7	5	28	-	0	-	-	-	
7b NORTH WALES																												
Flint																												
Rhyl	9 9	9	12.5	6.6	9.5	-0.6	26.8	-7.5	-	601	89	34	21 July	166	118	1	0	0	7	4	3	12	50	-	2	3.67	90	
Prestatyn	9 9	1	12.6	(6.9)	(9.7)	-	26.3	-6.7	-	672	93	30	31 July	191	137	5	0	8	1	5	0	9	-	0	3.62	95	-	
Hawarden Bridge	9 9	5	(13.2)	(6.0)	(9.6)	-0.4	26.7	-7.9	-	702	101	26	21 Nov	186	130	10	3	1	4	4	21	18	-	0	-	-	-	
Anglesey																												
Valley	21-9	10	12.7	7.3	10.0	-0.2	25.4	-5.4	-	805	94	30	30 Apr	189	127	4	0	0	21	6	5	12	28	22	40	4.48	102	
Denbigh																												
Colwyn Bay	9 9	24	12.5	7.0	9.7	-	22.9	-5.7	10.1	-	725	-	25	31 July, 8 Sept.	189	129	7	0	0	4	4	0	5	-	1	4.19	103	
Alwen	9 9	335	10.3	-	-	-	24.7	-	-	1255	-	62	31 July	193	162	-	-	-	-	-	-	-	-	-	-	-	-	
Ruthin	9 9	76	(12.6)	(5.0)	(8.8)	-	26.3	-8.5	-																			



Table 3 (continued)

District, county and place	terminal h (GMT) of observation		height of station above MSL (metres)	air temperature in °C						mean earth temp		rainfall (terminal h 09 GMT)				weather (number of days)												bright sunshine					
	max	min		means of			highest max. and lowest min.	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day		precipitation		snow or sleet	snow lying at 09h	hail	ice pellets, etc	thunder heard	fog at 09h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1931-60 average	exposure				
				max (a)	min (b)	daily mean (mean of a & b) difference from 1931-60 average							date	0.2 mm or more	1.0 mm or more																		
8a SOUTH WALES—continued																																	
Cardigan—continued																																	
Llety-evan-hen	9	9	290	10.6	5.5	8.1	-	23.8	-7.4	-	-	1239	87	55	31 Mar	195	168	10	2	6	9	1	11	20	71	-	0	3.28	91	-	-		
Cwmystwyth	9	9	301	10.8	4.2	7.5	-	24.5	-12.0	-	-	1620	-	57	31 Mar	213	183	-	7	-	-	-	-	57	99	-	-	2.65	-	-	-		
Pembroke																																	
Dale Fort	9	9	33	(12.7)	(7.9)	(10.3)	-	25.0	-3.3	10.8	-	859	-	46	10 Nov	165	133	7	1	4	3	3	-	(4)	(24)	-	24	4.78	-	-	-		
Milford Haven	21	-9	37	12.7	7.8	10.3	-	26.4	-5.0	-	-	1064	-	33	8 Sept	179	144	2	0	1	2	1	6	3	(19)	(12)	31	-	-	-	-		
Conservancy Board	9	9	8	12.7	5.0	8.9	-	25.7	-7.8	-	-	1284	-	36	8 Sept	178	153	-	-	-	-	-	-	49	-	-	-	3.46	-	-	-	-	
Haverfordwest	9	9	8	12.7	5.0	8.9	-	25.7	-7.8	-	-	1284	-	36	8 Sept	178	153	-	-	-	-	-	-	49	-	-	-	3.46	-	-	-	-	
Carmarthen																																	
Carmarthen	9	9	15	13.2	5.4	9.3	-	26.0	-8.5	10.2	10.7	1479	110	36	6 June, 8 Sept, 12 Nov	190	153	2	0	4	0	0	5	44	141	-	32	407	-	-	-	-	
Esgairwen-Uchaf	9	9	332	10.5	5.0	7.7	-	23.6	-9.6	-	-	1561	-	52	20 July	210	167	26	5	19	8	5	27	24	88	-	26	-	-	-	-	-	
Brynamman	21	-9	183	-	-	-	-	24.6	-8.0	-	-	1563	-	43	8 Sept	208	173	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	
Radnor																																	
Llandrindod Wells	9	9	235	11.9	4.4	8.1	-0.6	25.2	-12.7	9.4	-	1092	106	37	8Sept,5Dec	202	165	20	8	2	1	1	22	42	-	-	0	2.99	84	-	-	-	
Brecknock																																	
Llwynon	9	9	242	11.1	4.0	7.5	-	25.0	-10.0	-	-	1764	-	58	8 Sept	204	164	21	2	0	2	2	47	44	-	-	0	3.34	-	-	-	-	
Glamorgan																																	
Penmaen	9	9	85	12.7	6.7	9.7	-	24.7	-6.0	10.4	10.7	1305	-	65	8 Sept	185	154	5	0	3	12	8	9	6	42	-	28	4.02	-	-	-	-	
Swansea	9	9	8	-	-	-	-	-	-	-	-	-	-	-	8 Sept	180	152	6	0	11	0	7	2	10	47	-	0	4.11	-	-	-	-	
Port Talbot	9	9	7	13.8	7.3	10.5	-	27.0	-4.0	-	-	1151	106	45	8 Sept	207	159	5	0	6	2	3	1	10	53	-	2	-	-	-	-	-	
Neath	9	9	62	12.9	6.9	9.9	-	25.5	-6.9	-	-	1384	110	52	8 Sept	180	152	6	0	11	0	7	2	10	47	-	0	4.11	-	-	-	-	
Porthcawl	9	9	6	13.0	7.3	10.1	-	26.2	-6.0	-	-	1010	103	44	8 Sept	178	148	-	-	-	-	15	8	-	-	-	-	-	-	-	-	-	
Rhoose	21	-9	67	12.9	6.6	9.7	-	25.0	-7.6	-	-	882	90	36	8 Sept	199	147	14	0	20	2	12	15	12	64	43	2	4.23	97	-	-	-	
Cardiff	9	9	62	13.2	6.6	9.9	-0.3	25.6	-7.0	10.5	10.8	1055	99	52	8 Sept	198	152	2	-	1	0	2	8	11	68	-	2	3.69	-	-	-	-	
Monmouth																																	
Tredegar	9	9	313	(11.1)	(4.7)	(7.9)	-	23.7	-10.5	-	-	1787	109	53	8 Sept	201	166	17	7	7	7	5	57	29	106	-	13	3.47	-	-	-	-	
Newport	9	9	23	-	(6.1)	-	-	25.5	-7.7	-	-	1063	104	40	8 Sept	174	146	7	1	4	1	4	6	23	-	-	4	4.02	-	-	-	-	
Usk	9	9	21	-	-	-	-	26.0	-	-	-	1095	109	60	8 Sept	142	136	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Crumbland	9	9	245	11.5	5.5	8.5	-	23.4	-8.0	9.3	9.5	1152	111	49	8 Sept	190	152	6	3	1	0	3	42	23	83	-	5	3.85	-	-	-	-	
8b ENGLAND SW																																	
Somerset																																	
Hawkridge	9	9	314	11.0	5.0	8.0	-	22.0	-11.4	-	-	1513	101	50	12 Nov	229	181	18	9	10	13	5	30	29	136	-	0	3.77	-	-	-	-	
Nettlecombe	9	9	96	13.0	5.3	9.1	-	23.4	-9.8	10.5	-	1116	-	35	6 June	181	148	-	0	-	-	-	9	28	120	-	3	-	-	-	-	-	
Cannington	9	9	23	(13.3)	(6.4)	(9.9)	-	25.0	-8.0	10.9	-	777	102	27	1 Dec	178	131	-	-	-	-	-	(11)	13	85	-	-	3.79	86	-	-	-	-
Weston-super-mare	9	9	94	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar	9	9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yeovilton	21	-9	18	13.7	5.6	9.7	-	25.6	-9.2	-	-	839	-	30	6 Mar	180	132	6	0	7	1	6	17	44	64	47	11	-	-	-	-	-	
Rodney Stoke	9	9	40	(13.3)	(5.9)	(9.6)	-	25.0	-6.5	10.7	10.9	861	-	39	1 Dec	181	148	-	0	-	-	-	14	22	51	-	-	-	-	-	-	-	-
Long Ashton	9	9	45	13.3	6.2	9.7	-0.4	25.5	-8.2	10.1	-	843	92	35	1 Dec	181	140	6	1	2	5	2	5	19	98	-	2	3.80	93	-	-	-	-
West Camel	9	9	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wincanton	9	9	114	12.5	5.8	8.9	-	24.0	-8.3	-	-	994	-	38	5 Dec	195	148	-	1	-	-	-	28	24	65	-	7	-	-	-	-	-	
Bath	9	9	118	12.9	(6.4)	(9.7)	-	24.9	-8.2	10.5	-	771	97	49	1 Dec	181	138	6	0	2	4	4	21	12	-	-	0	-	-	-	-	-	-
Dorset																																	
Weymouth	9	9	23	13.6	7.0	10.3	-0.7	25.9	-9.3	-	-	857	-	30	9 Oct	173	131	4	2	0	1	3	2	11	-	-	0	4.67	-	-	-	-	-
Winfrith	9	9	26	13.7	5.8	9.7	-	26.0	-8.6	-	-	965	-	34	4 Mar	167	141	-	3	-	-	-	15	33	103	-	-	-	-	-	-	-	-
Shaftesbury	9	9	207	12.2	5.1	8.7	-0.6	24.7	-9.1	-	-	982	118	30	9 Oct	202	155	-	2	-	-	-	33	48	-	-	-	-	-	-	-	-	-
Swanage	9	9	11	13.1	-	-	-	23.8	-1.8	-	11.9	770	99	21	6 Dec	164	132	4	-	3	3	4	8	-	18	-	11	4.38	90	-	-	-	-
Poole	9	9	5	13.8	6.3	10.1	-	26.8	-6.6	11.3	11.5	819	101	28	4 Mar	180	134	4	2	2	1	4	11	30	69	-	0	4.48	95	-	-	-	-
Devon																																	
Virginstow	9	9	168	-	-	-	-	24.9	-6.5	-	-	1145	-	27	1 Dec	212	174	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mount Batten	21	-9	27	13.3	7.6	10.5	-0.3	24.8	-3.6	-	-	1081	112	31	12 June	184	150	8	1	2	17	6	4	9	44	28	40	4.61	100	-	-	-	-
Plymouth Hoe	9	9	36	13.3	6.9	10.1	-0.9	25.0	-4.7	11.2	11.3	969	101	34	12 June	181	149	3	1	0	14	3	5	14	65	-	3	-	-	-	-	-	-
Tavistock	9	9	139	13.5	6.0	9.7	-0.4	25.4	-5.0	-	10.8	1518	113	40	5 Dec	216	171	7	1	17	1	2	10	17	120	-	5	-	-	-	-	-	-
Chivenor	21	-9	6	13.6	7.3	10.5	-0.6	25.6	-5.9	-	-	864	95	37	8 Sept	184	138	7	2	2	34	7	7	11	68	21	4	4.32	-	-	-	-	-
Totnes	9	9	84	13.6	6.1	9.9	-	26.4	-6.0	10.5	10.5	1299	-	67	1 Dec	184	142	8	2	1	0	0	15	19	54	-	6	3.74	-	-	-	-	-
Cheldon Barton	21	-9	164	12.6	5.7	9.1	-	23.5	-7.4	10.2	-	920	-	26	1 Dec	198	152	9	0	14	10	8	12	27	97	-	0	3.78	-	-	-	-	-
Slapton	9	9	32	13.6	7.4	10.5	-	23.7	-3.8	-	-	1170	106	37	9 Oct	185	155	9	1	0	6	2	10	5	31	-	8	-	-	-	-	-	-
Newton Abbot	9	9	83	-	6.6	-	-	23.9	-4.8	-	-	1168	116	48	1 Dec	185	143	6	3	0	5	3	12	14	78	-	4	4.35	99	-	-	-	-
Torbay (Torquay)	9	9	8	13.8	7.5	10.7	-0.2	24.5	-1.6	-	11.7	1098	123	31	1 Dec	187	146	5	1	0	2	2	7	8	31	-	13	4.71	99	-	-	-	-
Teignmouth	9	9	6	13.6	7.5	10.5	-0.6	25.6	-3.2	-	-	996	118	56	1 Dec	196	135	2	1	0	4	2	9	10	48	-	7	4.63	99	-	-	-	-
Starcross	9	9	9	13.5	6.3	9.9	-	24.0	-5.8	10.5	-	963	112	43	1 Dec	178	130	8	1	2	3	5	18	20	69	-	34	4.42	-	-	-	-	-
Exmouth	9	9	59	13.6	7.2	10.4	+0.2	25.0	-4.6	-	-	886	105	59	1 Dec	174	126	9	2	3	1	6	13	8	-	-	10	4.79	105	-	-	-	-
Exeter	21	-9	32	13.6	6.3	9.9	-	24.1	-7.6	-	-	955	112	90	18 July	173	126	8	1	2	13	5	12	28	121	39	5	3.65	-	-	-	-	-
Sidmouth	9	9	10	-	-	-	-	24.9	-5.0	-	-	884	113	35</																			



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Table 4 Summary of observations at fixed hours

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																							
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	visibility					beaufort force					N	NE	E	SE	S	SW	W	NW										
								mean	0	1	2	3		4	5	6	7	8	0-99 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	speed (kt)				
																																					8 or more	6-7	4-5	1-3	calm
number of observations																																									
0 SCOTLAND N																																									
Lerwick, Zetland 83	3	1010.7	-	6.6	0.8	-	-	6.3	8	42	46	84	176	10	0	10	1	2	6	17	96	65	105	64	10	38	132	164	22	34	11	12	49	87	59	66	26				
	9	1011.0	+0.9	-	-	-	-	6.5	0	28	40	158	131	9	0	7	0	7	5	21	76	67	95	88	6	44	167	135	14	29	22	15	46	97	61	61	21				
	15	1010.9	-	-	-	-	-	6.5	1	15	71	153	121	5	0	1	0	6	7	17	89	64	96	86	6	46	177	134	3	22	19	14	55	98	62	73	20				
	21	1011.1	-	6.9	0.8	-	-	6.2	3	49	39	113	146	16	0	8	5	6	9	32	76	63	104	63	6	35	143	172	10	29	13	13	55	96	59	66	25				
Kirkwall, Orkney 26	3	1010.8	-	6.7	0.6	9.1	90	5.8	5	70	51	98	133	9	0	2	5	4	5	5	68	80	144	53	3	43	165	132	23	21	5	18	68	97	50	66	18				
	9	1011.2	+0.8	-	8.2	1.1	9.4	85	6.1	2	47	47	158	111	1	0	0	0	4	5	7	56	56	156	82	5	47	194	116	4	30	9	24	67	100	48	54	30			
	15	1011.0	-	9.2	1.5	9.5	81	6.0	3	47	56	164	96	0	0	0	0	4	4	6	63	63	116	116	6	61	194	97	8	27	14	28	80	72	45	67	25				
	21	1011.2	-	7.3	0.7	9.3	89	6.0	5	48	61	120	126	6	0	0	2	5	9	3	66	72	135	74	7	37	165	135	22	25	8	30	72	81	40	70	18				
Wick, Caithness 37	3	1011.0	-	6.6	0.8	8.8	88	5.4	7	71	57	144	78	9	0	8	1	3	2	10	77	48	132	85	0	10	139	203	14	12	5	12	65	93	58	76	31				
	9	1011.4	+0.6	-	8.0	1.2	9.1	83	6.1	2	36	53	192	80	3	0	0	0	6	1	14	45	54	113	133	0	21	151	188	6	25	11	19	71	93	46	61	34			
	15	1011.1	-	9.2	1.7	9.3	7.8	6.0	1	39	51	207	65	3	0	0	3	4	0	13	45	46	122	133	1	21	170	172	2	20	19	27	95	78	28	48	49				
	21	1011.4	-	7.4	1.0	9.1	86	5.7	1	62	65	157	74	7	0	3	5	0	4	8	55	57	129	105	1	14	118	222	11	24	8	13	79	86	43	70	32				
Cape Wrath, Sutherland (see Introduction) 113	3	1009.6	-	7.5	0.9	9.3	87	5.3	9	63	80	121	79	14	0	6	8	0	0	1	12	16	86	237	5	20	95	211	35	15	21	27	48	38	121	35	26				
	9	1009.9	-	8.1	1.1	9.4	85	5.9	6	24	88	160	74	14	0	4	8	2	0	0	20	30	94	208	7	24	77	236	22	19	16	29	56	35	132	32	25				
	15	1009.9	-	8.8	1.2	9.8	85	5.9	4	26	83	170	74	9	0	5	4	0	1	0	20	30	87	219	8	29	82	223	24	21	18	34	53	100	128	37	21				
	21	1010.0	-	7.9	0.9	9.4	87	5.5	3	48	90	136	77	12	0	5	5	3	1	1	15	27	90	219	6	27	77	227	29	15	21	48	46	30	120	31	26				
Stornoway, Ross & Cromarty 5	3	1010.4	-	7.0	0.6	9.4	91	5.4	28	57	52	98	131	0	0	0	1	1	1	2	54	172	108	27	3	55	127	128	53	22	16	16	32	93	65	40	29				
	9	1010.6	0.0	-	8.5	1.0	9.8	6.0	5	36	57	176	92	0	0	0	0	1	1	14	56	104	126	64	5	54	171	104	32	27	17	20	39	102	59	44	26				
	15	1010.5	-	9.8	1.5	10.0	8.1	6.1	5	32	66	166	97	0	0	0	2	0	0	9	43	144	123	75	6	44	212	93	11	20	45	14	35	112	45	56	28				
	21	1010.8	-	7.7	0.8	9.6	89	5.2	19	73	71	79	124	0	0	0	1	1	0	9	40	142	130	43	6	27	150	144	39	29	26	23	36	76	63	51	23				
Benbecula, Inverness-shire 7	3	1010.3	-	7.6	0.7	9.5	89	5.6	19	51	68	118	109	1	0	0	1	5	3	11	46	108	105	87	5	42	139	161	19	31	28	12	48	101	50	55	22				
	9	1010.5	-0.2	-	8.6	1.0	9.8	85	6.2	1	37	51	195	80	2	0	0	2	4	2	16	36	94	117	95	7	39	168	139	13	28	24	17	52	93	58	51	30			
	15	1010.4	-	9.8	1.5	10.0	8.1	5.9	2	45	65	165	89	0	0	0	0	1	2	14	44	90	111	104	6	40	198	116	6	27	18	15	46	84	70	58	43				
	21	1010.6	-	8.1	1.0	9.6	87	5.4	10	73	55	141	87	0	0	0	1	3	3	9	41	101	106	102	5	43	141	155	22	43	24	18	48	88	51	48	24				
1 SCOTLAND E																																									
Kinloss, Moray 6	3	1011.6	-	6.7	1.1	8.4	84	5.5	13	58	71	130	91	3	0	2	1	4	0	10	59	82	89	119	0	13	100	232	21	12	15	35	36	72	120	41	14				
	9	1011.9	+0.7	-	8.6	1.8	8.8	77	5.9	6	41	72	176	71	0	0	0	0	0	1	6	46	86	71	156	0	18	148	183	17	29	18	44	25	47	105	63	18			
	15	1011.3	-	10.8	2.6	9.1	6.9	5.8	1	44	70	194	57	0	0	0	0	0	0	4	52	71	81	158	1	21	185	155	4	59	31	31	35	45	78	56	27				
	21	1011.8	-	8.0	1.4	8.9	81	5.6	9	55	66	157	79	0	0	1	0	3	1	5	63	88	87	118	0	15	108	227	16	18	17	56	34	70	101	36	18				
Dyce, Aberdeenshire 59	3	1012.2	-	6.0	0.7	8.6	89	5.7	32	42	38	132	113	9	0	5	3	10	7	43	68	80	76	74	0	19	118	146	83	23	3	17	35	71	29	57	48				
	9	1012.4	+0.4	-	8.1	1.4	9.0	6.0	4	48	44	171	95	4	1	0	2	5	7	32	68	66	82	103	1	26	162	138	39	36	6	24	38	85	45	50	43				
	15	1011.9	-	10.2	2.1	9.4	7.5	6.0	5	40	53	187	78	3	0	1	3	0	10	28	64	80	77	103	2	37	195	124	8	44	6	40	49	107	43	35	32				
	21	1012.4	-	7.3	1.0	9.1	86	5.6	15	60	48	133	103	7	0	3	3	5	8	51	81	83	62	70	0	28	116	176	46	33	3	16	37	100	44	50	37				
Leuchars, Fife 12	3	1012.5	-	6.4	0.8	8.8	89	5.3	30	69	38	99	118	12	0	9	4	13	5	15	53	95	119	53	0	8	105	199	54	17	19	35	28	21	110	72	10				
	9	1012.8	+0.5	-	8.3	1.4	9.2	82	6.1	4	42	48	179	88	5	0	4	1	10	5	25	52	83	116	70	0	14	153	168	31	16	23	52	39	22	107	61	15			
	15	1012.2	-	10.5	2.1	9.6	7.5	6.1	3	32	58	197	72	4	0	2	3	1	5	20	50	96	108	81	1	29	184	140	12	11	18	05	38	24	89	56	13				
	21	1012.7	-	7.7	1.0	9.3	86	5.6	14	64	53	124	100	11	1	4	7	6	3	23	51	99	113	59	0	10	130	194	32	19	27	50	40	26	110	50	12				
Turnhouse, Midlothian 44	3	1012.8	-	6.4	0.9	8.6	86	5.6	23	54	52	126	103	8	0	7	3	8	8	16	53	165	84	22	0	1	94	181	90	8	23	33	19	23	88	75	7				
	9	1013.1	+0.4	-	8.3	1.4	9.1	80	6.2	2	32	53	205	69	5	1	5	3	4	9	23	73	138	73	37	0	3	122	194	47	16	44	41	21	83	77	16				
	15	1012.4	-	11.1	2.6	9.4	70	6.0	3	33	52	221	57	0	1	0	2	4	4	16	72	125	84	62	0	11	185	158	12	19	66	50	14	21	77	89	18				
	21	1013.0	-	7.8	1.2	9.1																																			



Table 4 (continued)

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility							wind speed and direction																						
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					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	NE	E	SE	S	SW	W	NW							
								mean	0	1-2	3-5	6-7											8	sky obscured	34 or more	6-7	4-5									1-3	calm					
																																						speed (kt)				
																																						number of observations				
6b ISLE OF MAN - continued																																										
Point of Ayre 9	9 15 21	1013.4 1013.0 1013.1	- - -	9.5 11.1 9.0	1.1 1.8 1.0	10.4 10.6 10.2	86 79 87	5.7 5.4 4.7	13 17 35	34 37 63	90 118 95	124 96 87	103 98 86	2 0 0	0 0 0	0 0 0	1 1 3	1 4 4	8 7 2	47 49 41	80 74 76	124 135 113	99 96 127	4 3 1	40 51 51	36 188 63	116 115 131	12 9 20	20 9 21	40 34 27	25 23 24	73 64 52	44 48 64	51 57 64	76 73 58	25 49 36						
2 ENGLAND NE																																										
Acklington, Northumberland 46	3 9 15 21	1013.3 1013.6 1013.1 1013.5	- +0.6 - -	6.2 8.5 10.4 7.3	0.6 1.2 1.9 0.7	9.0 9.6 10.0 9.4	92 84 77 89	5.5 6.1 5.9 5.3	36 1 10 37	59 41 36 58	37 62 40 47	68 131 69 84	158 122 99 134	8 9 2 6	2 2 0 3	6 5 2 5	3 2 9 2	10 14 14 7	21 46 14 14	35 46 41 57	69 72 63 73	79 86 87 94	81 68 62 63	60 67 87 48	0 1 0 0	5 7 25 13	74 111 131 76	237 224 203 224	50 26 7 53	39 46 33 41	8 19 35 15	20 35 27 12	23 36 68 35	49 57 46 60	42 46 42 49	109 46 72 87	26 21 20 14					
Leeming, Yorkshire N. R. 33	3 9 15 21	1014.0 1014.4 1013.7 1014.2	- +0.3 - -	6.8 8.4 11.4 8.3	0.7 1.2 2.5 1.1	9.1 9.5 9.9 9.6	90 84 72 86	5.7 6.3 6.0 5.8	44 5 42 22	48 42 44 50	21 29 44 53	72 143 159 83	161 131 105 148	20 16 7 10	1 0 0 0	18 12 8 8	10 8 28 14	17 30 30 14	30 46 66 43	46 78 70 62	64 87 61 71	80 54 64 65	124 99 82 96	99 67 87 72	0 0 0 0	13 5 108 3	76 21 108 76	224 227 251 258	53 26 9 29	41 33 31 59	15 19 28 60	12 13 14 14	23 36 37 28	95 92 75 46	39 35 44 52	25 36 47 46	30 31 32 38					
Waddington, Lincolnshire 69	3 9 15 21	1014.4 1014.9 1014.2 1014.8	- +0.1 - -	7.0 8.6 11.2 8.2	0.6 1.1 2.2 0.9	9.4 9.8 10.2 9.8	91 86 76 88	5.4 6.1 6.1 5.6	55 14 15 41	41 45 31 35	30 143 154 38	88 120 120 125	138 120 120 122	14 13 3 0	0 12 4 5	12 10 0 3	12 10 17 6	32 49 16 35	58 99 50 50	93 99 65 87	114 65 65 125	30 65 61 51	3 6 26 4	0 0 11 4	6 163 181 128	251 192 172 231	6 3 2 3	46 39 54 31	31 30 27 45	22 27 30 45	45 48 30 53	42 39 37 53	96 81 85 83	42 39 40 38	26 37 56 38	36 31 28 19						
Binbrook, Lincolnshire 112	3 9 15 21	1014.4 1014.9 1014.3 1014.8	- - - -	6.7 8.3 10.6 7.8	0.6 1.0 2.2 0.8	9.2 9.8 9.6 9.6	91 86 75 88	5.7 6.2 6.4 5.9	34 9 23 21	53 42 42 48	33 34 23 48	80 155 183 109	153 123 108 129	11 7 3 0	1 1 0 5	16 8 5 4	14 12 30 24	21 39 32 24	58 127 68 128	91 100 87 104	64 51 86 114	80 60 86 125	99 17 33 2	1 15 24 23	140 174 208 129	187 158 191 193	23 9 6 21	20 43 31 30	32 26 59 27	18 38 27 47	38 43 32 76	66 61 68 76	48 41 56 38	76 61 75 49	44 35 48 21							
Manby, Lincolnshire 14	3 9 15 21	1014.2 1014.8 1014.3 1014.7	- +0.3 - -	7.1 9.0 11.2 8.2	0.6 1.2 2.2 0.8	9.5 10.0 10.2 10.0	92 85 72 89	5.8 6.2 6.2 5.9	43 6 12 24	37 39 34 33	34 42 37 52	78 150 165 132	159 120 117 118	15 9 1 7	2 1 0 3	14 7 2 3	6 5 0 2	14 23 28 42	22 35 108 124	138 118 103 101	98 60 94 101	46 21 64 58	1 0 0 0	3 45 71 61	103 151 177 219	240 101 177 219	20 10 4 25	32 45 50 39	24 37 21 24	18 39 41 50	38 64 32 68	66 61 56 56	48 41 56 53	76 57 65 53	44 32 15 21							
3 ENGLAND E																																										
Marham, Norfolk 24	3 9 15 21	1014.6 1015.2 1014.5 1015.1	- +0.1 - -	7.0 9.1 11.9 8.5	0.5 1.2 2.6 1.0	9.6 10.1 10.6 10.0	92 84 72 87	5.4 5.9 6.0 5.5	37 17 16 43	63 40 44 50	34 45 35 32	75 145 149 94	140 122 122 139	17 6 0 8	2 0 0 1	14 5 0 6	6 4 0 2	8 17 0 4	23 43 26 11	61 101 43 47	113 90 113 110	83 66 80 103	47 36 60 65	9 6 0 17	0 8 11 3	6 180 163 243	254 195 183 243	6 3 4 3	45 38 31 49	34 46 31 45	29 58 56 55	58 46 69 77	82 57 69 49	51 43 56 55	32 26 48 26	29						
Coltishall, Norfolk 17	3 9 15 21	1014.7 1015.2 1014.8 1015.2	- - - -	7.3 9.5 11.5 8.5	0.7 1.6 2.5 1.1	9.4 9.8 9.9 9.8	89 81 72 85	5.5 6.1 6.2 5.5	45 13 12 33	45 46 26 53	44 34 41 46	64 147 175 99	142 124 111 132	17 12 0 3	0 0 2 2	17 15 2 16	8 10 0 2	17 13 27 24	28 65 70 52	114 85 101 92	87 43 115 95	32 30 49 68	1 4 13 9	1 2 13 2	2 88 168 235	235 190 191 235	40 34 11 36	48 40 47 36	23 30 38 38	19 30 42 35	44 26 38 32	51 46 56 60	62 61 65 60	56 52 65 41	23							
Honington, Suffolk 51	3 9 15 21	1014.8 1015.3 1014.6 1015.3	- +0.2 - -	7.0 9.2 12.0 8.6	0.7 1.5 3.0 1.2	9.4 9.7 10.5 9.7	90 82 68 84	5.3 6.1 6.1 5.5	54 10 8 39	45 48 39 43	44 35 51 48	64 128 157 94	142 128 111 138	17 1 1 0	0 5 3 4	17 10 2 5	8 3 9 17	17 16 54 53	28 62 113 121	114 87 113 82	87 43 69 82	32 23 44 65	1 1 0 0	2 4 13 3	88 216 183 98	235 154 183 247	40 14 43 18	48 35 44 44	23 38 26 28	19 44 37 30	44 51 56 51	62 58 68 66	56 62 68 32	23								
Wattisham, Suffolk 92	3 9 15 21	1014.9 1015.5 1014.8 1015.5	- - - -	7.0 9.0 11.6 8.4	0.5 1.1 2.4 0.9	9.6 10.2 10.2 10.1	92 86 80 88	5.3 6.0 6.0 5.2	53 10 13 39	45 42 34 60	44 46 55 56	64 141 158 82	142 115 109 124	17 9 2 5	0 0 0 6	17 9 13 5	8 13 12 20	17 25 62 55	28 70 117 128	114 92 74 95	87 40 60 82	32 27 40 11	1 2 0 0	2 2 119 157	235 188 187 257	40 14 43 18	48 45 44 30	23 28 29 51	19 44 38 28	44 52 58 64	51 32 56 64	62 53 68 74	56 69 82 42	23								
Wytton, Huntingdonshire 43	3 9 15 21	1014.8 1015.3 1014.6 1015.2	- - - -	7.2 9.1 12.2 8.9	0.6 1.3 2.8 1.2	9.5 9.9 10.0 9.9	91 83 70 84	5.3 6.0 6.2 5.4	53 18 30 37	45 36 30 48	44 42 56 49	64 120 159 97	142 124 111 128	17 6 2 7	0 0 1 5	17 8 14 6	17 15 15 18	28 34 54 44	62 68 88 118	114 108 106 105	87 79 96 84	32 23 40 65	1 0 0 0	2 8 13 6	88 230 200 244	235 170 170 194	40 13 57 45	48 35 44 55	23 33 25 53	44 43 48 55	51 56 68 59	62 64 68 57	56 62 68 35	23								
Cardington, Bedfordshire 29	3 9 15 21	1015.0 1015.5 1014.7 1015.3	- +0.2 - -	6.8 9.1 12.4 8.6	0.5 1.2 2.8 1.0	9.5 10.0 10.0 10.0	94 85 70 87	5.3 6.3 6.1 5.4	47 6 7 35	47 30 33 50	47 59 57 52	66 123 152 96	158 139 115 129	9 2 0 4	2 0 2 0	6 11 2 1	12 6 10 27	29 33 30 21	62 139 119 180	115 149 149 117	84 26 63 117	14 51 26 12	0 0 0 0	6 3 11 4	78 237 237 254	153 18 18 16	39 33 54 33	47 54 29 27	29 38 38 37	27 42 43 51	29 68 74 86	48 53 64 61	77 84 82 86	59 64 72 38	19							
Stansted, Essex 102	3 9 15 21	1015.0 1015.5 1014.7 1015.5	- -0.1 - -	7.0 9.0 11.9 8.5	0.6 1.2 2.7 1.0	9.6 10.5 9.9 9.9	93 85 71 87	5.4 5.8 6.0 5.3	33 14 9 35	64 48 40 56	49 58 44 53	72 131 176 105	126 104 109 95	22 11 2 7	1 0 2 4	12 6 2 12	9 12 7 9	13 19 35 59	15 68 86 91	79 98 86 59	88 98 86 96	32 51 16 66	6 9 18 5	0 0 5 0	2 7 172 97	247 205 182 242	35 24 7 22	43 43 41 40	35 29 38 46	30 46 33 53	39 46 33 53	81 74 71 53	45 56 54 35	21								
Shoeburyness, Essex 5	9 15 21	1015.5 1014.9 1015.4	-0.3 - -	10.2 12.1 9.6	1.5 2.3 1.2	10.5 10.7 10.5	82 74 85	5.9 5.8 5.0	20 12 42	31 41 70	61 62 38	139 155 101	111 94 112	4 2 3	0 2 0	5 2 2	2 0 8	11 11 23	16 33 42	49 116 113	89 87 96	59 82 59	15 33 21	3 0 0	18 20 14	154 207 180	183 133 10	8 6 28	53 27 31	36 70 43	25 39 61	63 62 73	60 45 49	49 28 19	32							
4 MIDLAND COUNTIES																																										
Huddersfield Oakes, Yorkshire 235	3 9 15 21	1014.2 1014.6 1014.3 1014.6	- +0.3 - -	5.8 7.9 10.1 7.3	0.7 1.1 0.9 0.8	8.5 9.4 9.7 8.8	89 86 77 88	6.3 6.4 6.7 5.7	28 13 9 39	9 18 17 32	60 50 73 50	55 106 106 79	209 177 161 165	5 2 1 0	9 4 1 0	15 21 9 7	22 13 11 7	18 21 8 25	12 36 25 28	127 103 108 119	83 46 82 58	31 0 1 0	1 0 2 3	15 76 121 84	227 230 1200 182	53 52 31 85	39 32 32 28	27 43 19 17	23 25 30 29	15 16 31 29	30 26 64 29	44 59 64 54	91 88 91 83	44 25 27 24								
Watnall, Nottinghamshire 119	3 9 15 21	1014.5 1015.0 1014.2 1014.9	- +0.1 - -	6.7 8.5 11.2 8.2	0.4 1.1 2.1 0.9	9.5 9.8 10.3 9.9	93 87 76 88	5.6 6.4 6.2 5.7	44 7 6 27	41 34 31 45	41 38 57 41	71 140 144 113	161 133 124 137	8 14 4 3	1 13 0 4	5 21 1 22	5 43 14 30	24 54 43 84	69 122 111 136	146 82 115 136	63 23 115 80	8 3 16 9	0 0 16 0	0 1 2 2	81 210 142 79	252 243 216 266	33 11 4 15	36 38 27 25	64 62													







Table 4 (continued)

height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount						visibility								wind speed and direction																										
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas					sky obscured	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	NE	E	SE	S	SW	W	NW												
								mean	0	1-2	3-5	6-7												8	34 or more	6-7	4-5	1-3									calm											
																																						speed (kt)										
																																						0	1-10	11-21	22-33							
number of observations																																																
7a ENGLAND NW																																																
Carlisle, Cumberland	3	1013.3	-	6.8	0.7	9.1	90	5.5	39	43	54	103	123	4	0	4	0	6	5	23	130	127	54	17	0	1	70	221	74	15	37	58	54	33	61	31	3											
	9	1013.7	+0.2	8.6	1.3	9.5	83	5.9	5	36	67	170	86	2	0	1	1	5	6	22	83	137	80	31	0	0	2	102	213	49	23	25	63	57	27	63	51	8										
	15	1013.0	-	11.4	2.5	9.8	72	5.9	7	27	86	172	74	0	0	0	0	2	2	14	64	112	93	81	0	0	5	155	190	16	15	31	54	38	25	96	82	9										
	21	1013.5	-	8.3	1.1	9.6	85	5.3	26	63	58	108	109	2	0	2	0	2	2	26	114	124	68	28	0	3	83	235	45	15	36	60	43	37	83	40	7											
Squires Gate, Lancashire																																																
11	3	1013.9	-	7.6	0.7	9.7	91	5.6	33	35	64	112	118	4	0	6	2	3	6	61	94	107	69	18	1	18	145	199	2	21	32	82	66	35	30	61	37											
	9	1014.4	+0.3	9.3	1.2	10.3	86	5.6	33	35	64	112	118	4	0	6	1	5	4	81	70	119	63	23	2	25	173	166	0	14	38	63	64	48	40	61	38											
	15	1013.8	-	11.3	1.8	10.8	79	6.0	7	34	51	191	83	0	0	0	0	1	8	36	69	117	86	49	0	2	203	141	0	17	17	47	45	41	41	85	73											
	21	1014.2	-	9.0	1.0	10.3	87	5.8	18	45	48	151	104	0	0	0	0	1	7	62	104	123	60	9	0	20	157	187	2	27	27	69	56	39	34	64	48											
Speke, Lancashire																																																
26	3	1013.9	-	7.8	0.7	9.8	91	5.5	24	50	52	157	80	3	2	1	2	10	17	47	114	111	58	4	0	10	117	222	17	25	27	51	60	66	29	54	37											
	9	1014.3	-0.1	9.1	1.1	10.2	86	5.9	14	33	54	169	94	2	4	3	2	11	15	76	89	101	43	22	0	12	141	202	11	18	33	43	65	72	25	68	31											
	15	1013.6	-	11.7	2.1	10.6	76	6.1	6	36	52	193	79	0	0	1	0	1	7	41	93	122	55	46	0	14	179	170	3	23	20	37	55	65	29	74	60											
	21	1014.1	-	9.1	1.1	10.3	87	5.4	18	61	59	146	82	0	0	0	0	1	9	61	130	109	44	12	0	7	124	220	15	29	30	48	52	49	40	54	49											
Ringway, Cheshire																																																
84	3	1014.1	-	7.6	1.0	9.2	85	5.4	32	58	52	79	140	5	1	1	6	10	63	122	120	42	0	0	2	92	221	51	18	42	34	32	96	45	33	15												
	9	1014.6	+0.2	8.9	1.6	9.3	79	6.1	7	43	38	171	105	1	0	2	0	4	12	71	125	127	24	1	0	4	131	198	33	23	33	41	25	85	39	60	27											
	15	1013.8	-	11.6	2.8	9.5	68	6.1	9	27	66	164	99	1	0	1	0	0	5	28	132	137	61	2	0	13	159	188	6	20	34	37	34	74	53	67	41											
	21	1014.4	-	9.1	1.5	9.5	80	5.5	15	64	50	120	116	1	0	0	0	2	9	71	140	128	16	0	0	6	101	230	29	20	38	45	34	86	48	42	24											
7b NORTH WALES																																																
Valley, Anglesey																																																
11	3	1013.5	-	8.7	1.1	9.8	85	5.1	45	54	52	90	123	2	0	1	2	5	2	22	86	105	123	20	4	58	136	133	35	35	45	45	22	67	48	54	15											
	9	1014.0	0.0	10.2	1.7	10.1	80	5.7	10	45	68	153	89	1	0	0	1	3	2	18	67	108	120	47	9	67	136	137	17	28	49	40	27	74	48	57	26											
	15	1013.5	-	11.8	2.3	10.2	73	5.7	5	54	65	148	93	1	0	0	0	1	3	11	76	98	98	79	11	73	181	95	6	42	44	24	22	74	48	57	26											
	21	1013.8	-	9.5	1.3	10.1	83	5.3	21	64	68	105	106	2	0	0	1	6	0	14	91	97	117	40	7	53	141	139	26	44	43	37	28	81	46	40	21											
8a SOUTH WALES																																																
Aberporth, Cardiganshire																																																
134	3	1013.8	-	8.2	0.9	9.8	88	5.2	39	60	47	111	106	3	0	2	1	3	12	24	122	116	52	34	2	33	177	144	10	23	26	33	64	92	38	51	29											
	9	1014.2	-0.4	9.1	1.2	9.9	84	5.9	10	54	32	175	94	1	0	1	1	2	4	29	109	123	62	35	3	40	170	146	7	26	41	31	56	80	34	59	32											
	15	1013.7	-	10.6	1.8	10.2	79	5.7	7	49	63	168	78	1	0	1	0	0	4	16	88	126	74	57	3	55	165	142	1	40	29	22	37	77	39	73	48											
	21	1014.1	-	8.9	1.1	10.0	85	5.1	17	86	59	101	100	3	0	2	1	2	5	20	100	126	68	42	2	38	159	150	16	30	29	39	45	86	47	46	28											
Milford Haven Conservancy Board, Pembrokeshire																																																
39	3	1014.3	-	9.3	1.1	10.3	86	4.9	73	23	68	77	119	6	0	1	2	2	2	6	177	148	28	0	1	18	115	191	41	45	46	33	30	27	50	56	38											
	9	1014.6	-0.3	10.2	1.4	10.5	83	5.7	29	30	74	113	115	5	0	0	5	0	1	13	184	138	25	0	1	19	135	186	25	39	45	47	39	26	62	49	34											
	15	1014.3	-	12.0	2.1	10.8	76	5.7	13	30	105	106	111	1	0	0	1	0	2	14	180	133	36	0	0	27	165	167	7	40	28	32	44	32	77	68	38											
	21	1014.4	-	10.1	1.2	10.7	84	4.8	68	34	77	69	114	4	0	0	1	3	1	9	187	135	29	1	1	27	117	195	26	51	46	20	30	33	70	54	36											
Rhoose, Glamorgan																																																
70	3	1014.6	-	7.9	0.7	9.8	89	5.3	36	66	43	83	136	2	0	1	2	5	7	40	99	134	63	15	0	12	122	208	24	19	89	33	22	25	32	96	26											
	9	1015.1	-0.5	9.5	1.4	10.1	83	5.8	6	55	56	138	106	5	0	4	2	9	12	33	93	135	61	17	0	13	153	194	6	18	91	52	25	27	44	84	19											
	15	1014.4	-	11.9	2.4	10.3	73	5.7	6	57	67	141	93	2	0	1	2	5	21	86	136	88	26	0	0	19	190	155	2	11	64	53	27	37	77	73	48											
	21	1014.9	-	9.1	1.1	10.1	85	5.3	23	71	51	98	121	2	0	2	2	2	8	16	122	127	72	15	0	12	131	206	17	22	75	28	31	31	33	100	29											
8b ENGLAND SW																																																
Mount Batten, Devon																																																
28	3	1014.9	-	9.0	0.9	10.4	88	4.9	56	56	54	69	126	5	0	2	4	1	2	22	133	174	25	3	3	29	103	188	43	30	43	55	22	35	38	71	29											
	9	1015.4	-0.5	10.2	1.3	10.7	84	5.7	17	53	58	126	111	1	0	0	1	3	9	30	133	127	55	8	4	25	136	173	28	29	42	59	9	43	66	56	24											
	15	1014.9	-	12.3	2.2	10.9	75	5.8	11	38	68	151	98	0	0	1	1	0	5	19	126	86	94	34	5	43	179	131	8	25	26	55	27	48	100	45	32											
	21	1015.5	-	10.1	1.2	10.7	84	5.1	40	59	56	109	101	1	0	1	1	0	7	33	134	146	36	8	7	25	118	193	23	38	36	56	18	36	59	75	25											
Chivenor, Devon																																																
7	3	1014.6	-	8.7	1.0	10.1	87	5.2	50	43	58	106	105	4	0	4	1	5	19	113	109	98	16	0	15	101	197	53	16	14	123	27	29	31	47	26												
	9	1015.1	-0.3	10.2	1.5	10.5	82	6.0	13	31	52	176	91	3	0	4	0	2	4	23	80	95	124	34	0	16	150	174	26	24	29	93	48	27	34	58	27											
	15	1014.6	-	12.6	2.4	10.8	73	5.7	7	38	84	155	82	0	0	0	0	1	7	71	96	127	64	1	0	22	205	133	5	27	27	57	38	37	32	102	41											
	21	1015.1	-	9.9	1.2	10.5	84	5.2	27	51	74	131	83	0	0	0	0	3	19	100	111	110	23	0	4	14	105	195	52	25	23	77	36	30	29	66	28											
Exeter, Devon																																																
38	3	1014.9	-	7.8	0.6	9.9	91	5.3	35	65	42	89	130	5	0	10	5	10	14	23	90	110	84	20	0	12	84	207	63	29	77	14	31	58	23	39	32											
	9	1015.5	-0.3	9.6	1.2	10.5	85	5.8	13	49	54	139	103	8	0	10	2	0	4	25	101	74	91	59	0	12	146	170	38	38	67	17	36	54	26	42	48											
	15	1014.8	-	12.5	2.3	10.9																																										



Table 5 Number of days with maximum and minimum temperatures between given limits during 1972

Station	maximum °C										minimum °C										Station	maximum °C										minimum °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 (psychrometer)	0	38	170	152	5	1	0	0	0	0	0	5	158	182	21	0	Edgbaston	4	31	101	125	79	25	1	0	0	0	1	18	125	149	72	1								
Lerwick (large screen)	0	37	172	151	5	1	0	0	0	0	0	8	161	177	20	0	Kew (psychrometer)	1	26	80	105	105	45	4	0	0	3	38	123	120	77	5									
Stornoway	0	17	132	180	36	1	0	0	0	0	0	39	127	161	39	0	Kew (north-wall screen)	1	25	84	97	107	48	4	0	0	1	11	110	133	105	6									
Craibstone	1	44	113	130	70	8	0	0	0	0	1	49	167	130	19	0	Hastings	1	17	88	134	105	21	0	0	0	2	5	94	157	99	9									
Rothsay	1	23	124	143	59	13	3	0	0	0	1	17	149	162	37	0	Southampton Mayflower Park	1	11	73	138	98	39	6	0	0	1	14	104	155	83	9									
Abbotsinch	1	19	114	119	96	12	5	0	0	0	4	46	123	145	18	0	Stonyhurst	2	27	111	129	75	17	5	0	0	2	38	151	127	48	0									
Eskdalemuir (psychrometer)	5	65	92	140	51	11	2	0	0	2	6	69	164	101	24	0	Rhyl	0	10	103	147	97	8	1	0	0	2	10	116	163	74	1									
Eskdalemuir (large screen)	4	57	94	137	57	14	3	0	0	1	6	61	171	102	25	0	Valley	0	3	103	157	83	19	1	0	0	1	9	90	181	85	0									
Douglas	0	12	137	157	51	9	0	0	0	0	0	8	126	157	75	0	Rhoose	1	20	86	144	83	32	0	0	0	1	9	107	175	71	3									
Acklington	3	31	106	126	88	12	0	0	0	0	1	1	38	169	121	36	0	Falmouth	0	6	65	192	83	20	0	0	0	1	5	99	174	84	3								
Gorleston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Aldergrove	0	21	114	132	84	13	2	0	0	1	28	131	161	45	0									
Cambridge Botanic Gardens	2	26	86	91	114	42	5	0	0	0	3	36	140	125	59	3	Armagh	0	19	103	120	108	11	5	0	0	4	46	132	146	38	0									



[illegible]



Table 6 (continued)

District, county and place		height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities					
		above MSL	above ground	effective height	34kt or more (gale force)				22-33kt		11-21 kt	4-10kt	less than 4kt	no rec-ord		highest hourly wind			highest gust		
					No. of days	duration hours	no. of days	duration in hours			veer from N	speed (kt)	hour ended at day hour	veer from N		speed (kt)	day and time				
Sussex	Manston	62	18	18	5	12	84	588	4258	3253	673	0	11.8	190	37	4 Dec	15	290	65	13 Nov	0300
	Thorney Island	16	10	10	4	13	74	515	3748	3590	918	0	11.0	240	40	12 Nov	21	240	61	12 Nov	2225
	Berkshire Abingdon	90	12	12	0	0	10	26	2168	4709	1881	0	7.7	240	28	12 Nov	24	270	47	13 Nov	0040
	Hampshire Hurn	23	13	11	1	1	40	200	2691	4101	1791	0	8.7	260	35	13 Nov	01	260	55	13 Nov	0030
	Calshot	15	13	10	Defective record									210	36	1 Dec	14	180	60	2 Dec	0800
	R.A.E. Farnborough	75	10	10	0	0	12	39	2201	4564	1967	13	7.5	270	28	13 Nov	02	250	50	26 Jan	1910
													060)		12 Mar	14)					
Wiltshire	Larkhill	145	13	10	0	0	57	333	3236	4104	1111	0	9.8	250	33	12 Nov	24)	260	69	26 Jan	1855
	Boscombe Down	130	17	17	2	2	66	375	3649	3692	1066	0	10.3	280	36	13 Nov	01	290	56	13 Nov	0010
														280)				280)		13 Nov	0015)
	Porton	120	10	10	3	4	71	474	3325	3855	1126	0	10.3	200	36	2 Dec	08	190)	56	2 Dec	0630)
7a ENGLAND NW																					
Cumberland	Sellafield	25	12	11	1	1	70	370	2852	3774	1756	31	9.3	200	34	9 Nov	13	120	48	3 Mar	1350
														200)		9 Nov	13)				
	Carlisle	41	13	9	0	0	25	66	2752	4354	1612	0	8.2	210)	30	5 Dec	11)	210	57	5 Dec	1045
	Spadeadam	292	16	15	1	1	32	145	2360	4209	2046	23	8.0	240	34	5 Dec	12	240	56	5 Dec	1110
Westmorland	Great Dun Fell	857	10	10	122	1075	267	2967	3236	1251	229	26	21.1	220	69	5 Dec	12	220	89	5 Dec	2000
	Moor House	595	13	12	Defective record																
Lancashire	Squires Gate	21	12	11	4	10	80	553	4022	3878	321	0	11.6	250	39	27 Mar	04	270	59	27 Mar	0355
	Aigburth	38	23	11	1	1	37	169	2804	4514	1199	97	9.1	210	34	9 Nov	14	220	51	25 May	2350
	Southport	19	14	11	2	2	40	303	2109	3594	2762	14	7.5	230	35	27 Mar	15	250	52	26 Jan	1655
	Fleetwood	34	15	9	2	4	42	273	2294	3543	2670	0	7.8	310	36	27 May	16	200	55	5 Dec	0945
	Speke	30	10	10	0	0	43	238	3358	4290	898	0	9.9	280	32	27 Mar	13	280	54	27 Mar	1630
	Manchester Weather Centre	82	45	17	0	0	15	76	2602	4702	1357	47	8.4	230	29	26 May	13	260	55	6 Apr	0415
Cheshire	Ringway	80	10	10	1	1	32	148	2978	4240	1417	0	8.9	060	34	11 Mar	14	260	50	27 Mar	0805
7b NORTH WALES																					
Anglesey	Valley	26	16	12	37	218	158	1491	3618	2629	828	0	14.0	220	46	9 Nov	14	150	67	3 Mar	1240
8a SOUTH WALES																					
Cardigan	R.A.E. Aberporth	144	10	10	18	62	126	1012	4036	3042	632	0	12.9	320	39	27 Jan	02	330	57	27 Jan	1515
Pembroke	Milford Haven																				
	Conservancy Board	47	10	10	3	7	64	377	3543	3861	928	68	10.4	260	36	12 Nov	18	240	63	5 Dec	0835
Glamorgan	Port Talbot	28	12	11	1	1	61	435	3182	3758	1408	0	9.8	260	35	27 May	03	290	73	27 Mar	1115
	Rhoose	77	10	10	1	2	57	321	3550	3802	1109	0	10.1	240	36	12 Nov	19	250	57	12 Nov	1905
8b ENGLAND SW																					
Dorset	Portland Bill Coastguard	60	13	13	Defective record																
Devon	Mount Batten	64	13	13	19	99	107	741	3491	3615	838	0	11.5	230	47	12 Nov	18	230	68	12 Nov	1720
	Chivenor	22	16	13	3	7	56	434	3274	4041	1028	0	9.9	250	36	12 Nov	18	290	56	26 Jan	1940
Cornwall	Scilly	70	20	17										270	47	20 Nov	06	320	69	26 Jan	1855
	Lizard	96	23	18										240	44	12 Nov	17	210	67	3 Feb	0045
	St Mawgan	120	13	13	10	34	97	688	4146	3296	620	0	12.0	260	41	12 Nov	22	260	60	12 Nov	2050
9 NORTHERN IRELAND																					
Londonderry	Coleraine University	33	10	10	2	3	29	123	2928	3902	1620	208	8.7	260	39	3 Mar	19	260	67	3 Mar	1810
														160)		29 Oct	16)				
Antrim	Aldergrove	80	10	10	0	0	27	117	3173	4287	1207	0	9.3	230)	29	5 Dec	11)	210	52	25 May	2125
	Ballypatrick Forest	166	13	13	6	17	95	582	4293	2829	930	133	11.8	210	29	9 Nov	09	220	62	9 Nov	0905
	Belfast Harbour	21	18	18	5	10	101	630	3853	2991	1098	202	11.3	180	37	11 Dec	13	170	58	12 Dec	2125
Down	Kilkeel	35	18	14	8	22	102	612	3717	3181	1100	152	11.2	110	39	3 Mar	12	220	63	25 May	2120
	Orlock Head	51	16	12																	
Armagh	Portadown	26	10	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tyrone	Carrigans	129	10	10	0	0	35	182	2820	3741	1911	130	8.7	240	33	3 Mar	17	240	56	3 Mar	1705
Fermanagh	Castle Archdale Forest	80	13	13	0	0	21	87	2565	3821	2186	125	7.8	240	32	3 Mar	17	240	58	3 Mar	1655
CHANNEL ISLANDS																					
	Jersey Airport	98	18	12	6	29	75	525	4386	3314	530	0	11.9	310	40	27 Jan	02	320)	61	27 Jan	0310
																		260)		12 Nov	2240)



District and Station			number of hours exceeding 33 knots												number of hours exceeding 47 knots													
			Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
0 SCOTLAND N																												
Zetland	Lerwick		200	103	118	46	15	10	0	25	10	73	238	203	1041	69	3	20	0	0	0	0	1	0	19	28	47	187
Orkney	Kirkwall		238	95	115	39	18	11	0	41	6	91	171	122	947	68	3	18	1	0	0	0	0	0	24	28	11	153
Caithness	Dounreay		181	100	75	14	31	15	1	18	1	102				54	2	17	1	0	0	0	0	0	24			
	Wick		134	55	39	7	2	4	0	4	0	36	57	71	409	19	0	5	0	0	0	0	0	0	5	2	6	37
Sutherland	Shin		9	5	9	1	5	0	5	2	22	43	39		149	0	0	0	0	0	0	0	0	1	4	7	12	
Ross & Cromarty	Stornoway Airport		149	114	74	50	33	97	3	8	37	81	177	255	1078	18	16	11	1	0	1	0	0	2	15	36	72	172
Inverness	Duirinish		73	42	23	53	58	66	12	10	27	63	—	173		5	0	1	2	1	3	0	0	11	—	54	—	
	Benbecula		231	167	100	91	37	49	2	0	15	64	240	343	1339	31	32	27	13	0	0	0	0	6	55	106	270	
	Corpach		18	23	—	—	—	—	—	0	—	—	—	71		0	3	—	—	—	—	0	—	—	—	13	—	
	Fort Augustus (Hydro-electric Board)		26	31	7	3	3	14	1	2	0	9	21	52	169	2	5	0	0	0	0	0	0	1	0	6	14	
	Dalcross		22	26	24	6	10	15	1	3	0	37	81	77	302	1	0	0	0	0	1	0	0	2	4	9	17	
	Cairngorm		—	—	—	264	—	—	—	109	246	—	477	—		—	—	—	57	80	—	—	13	88	—	254	—	
1 SCOTLAND E																												
Moray	Kinloss		84	43	33	17	11	9	1	5	0	49	85	76	413	10	0	1	0	0	0	0	0	6	2	10	29	
	Lossiemouth		98	47	53	18	19	27	5	—	2	—	—	79	—	20	1	3	1	0	0	0	0	—	—	27	—	
Aberdeen	Dyce		181	61	54	41	43	22	—	11	2	58	92	141	709	41	2	13	0	1	0	0	0	4	9	20	90	
	Fraserburgh		138	59	77	34	12	18	1	34	5	75	193	42	688	12	1	9	0	0	0	0	0	12	17	4	55	
Angus	Bell Rock		194	66	47	22	36	33	2	10	0	96	217	204	927	35	8	9	0	1	0	0	0	11	25	33	122	
	Rannoch		—	—	—	3	1	0	—	0	0	—	8	24	—	—	—	—	0	0	0	0	0	0	0	5	—	
	Tummel Bridge		10	4	7	9	2	3	0	0	0	—	—	31	—	0	0	0	0	0	0	0	0	0	6	6	—	
Fife	Leuchars		60	24	17	19	32	16	3	4	0	32	57	49	313	0	0	4	0	1	0	0	0	0	6	11	—	
Midlothian	Turnhouse		22	9	8	30	28	14	0	2	0	33	61	56	263	0	0	0	0	2	0	0	0	0	2	6	10	
6a SCOTLAND W																												
Argyll	Tiree		279	170	81	78	106	91	7	1	23	92	175	—		17	43	22	4	1	1	0	0	12	17	—	—	
	Machrihanish		164	99	81	38	86	34	4	7	9	99	153	179	953	15	14	8	0	0	0	0	0	8	14	15	74	
	Dunstaffnage		43	53	25	9	18	4	0	0	0	17	60	61	290	0	4	2	0	0	0	0	0	0	1	5	12	
Dunbarton	Cumernauld		11	—	20	23	40	28	3	6	—	—	—	—		0	—	0	0	1	0	0	—	—	—	—	—	
	Paisley		20	4	18	27	11	16	0	5	0	37	55	79	272	0	0	1	1	0	0	0	0	1	3	7	13	
Renfrew	Abbotsinch		6	5	19	16	9	14	0	3	0	15	50	70	207	0	0	0	0	0	0	0	0	0	3	7	10	
	Ardrossan		64	46	56	49	33	20	1	4	2	45	120	135	575	6	1	5	0	0	0	0	0	1	8	17	38	
Ayr	Hunterston		61	49	54	—	22	17	2	0	0	18	0	49		1	2	3	—	1	0	0	0	1	0	10	—	
	Prestwick		38	47	31	19	37	18	2	3	0	39	79	71	384	0	3	1	0	1	0	0	0	3	8	7	23	
Dumfries	Eskdalemuir		58	22	34	65	60	36	0	10	0	37	50	78	450	7	0	1	3	1	2	0	0	5	8	10	37	
Wigtown	West Freugh		91	—	49	15	37	14	0	0	0	18	59	95		1	—	3	0	1	0	0	0	2	7	—	—	
6b ISLE OF MAN																												
	Ronaldsway		115	64	63	35	44	15	0	3	0	34	129	132	634	5	1	4	1	1	0	0	0	1	9	15	37	
	Point of Ayre		185	86	82	65	47	27	0	7	1	42	165	161	868	8	18	4	0	2	0	0	0	0	8	13	53	
2 ENGLAND NE																												
Durham	Durham		45	9	35	58	42	15	3	12	0	31	—	47	—	1	0	4	1	4	0	0	1	0	3	0	14	
	South Shields		36	1	11	12	11	3	0	0	0	10	22	5	111	1	0	0	0	0	0	0	0	0	0	0	1	
Yorks N. R	Leeming		23	3	17	28	54	7	0	5	0	6	24	20	187	0	0	0	0	1	0	0	0	0	1	0	2	
	Middlesbrough		87	30	42	54	58	15	4	16	11	40	64	70	491	6	0	1	0	7	0	0	0	1	10	6	31	
Lincoln	Waddington		21	8	33	12	43	3	0	7	0	2	20	37	186	0	0	2	0	0	0	0	0	0	0	2	4	
	Cranwell		23	4	37	36	44	7	0	7	0	3	34	48	243	0	0	2	0	2	0	0	0	0	0	2	6	
	Coningsby		29	10	33	22	44	4	0	7	2	2	13	20	186	6	0	1	0	0	0	0	0	0	0	0	7	
	Binbrook		52	21	52	40	49	14	0	12	0	20	56	55	371	10	0	2	0	1	0	0	0	2	4	19	3	
	Manby		18	5	11	7	18	0	0	4	1	2	16	30	112	2	0	0	0	0	0	0	0	0	1	0	3	
3 ENGLAND E																												
Norfolk	Marham		19	3	24	12	25	3	0	5	0	1	14	31	137	6	0	1	0	0	0	0	0	0	1	0	8	
	West Raynham		—	20	73	49	43	1	0	6	4	2	38	66	—	—	0	2	0	0	0	0	0	0	2	1	—	
	Coltishall		6	0	16	4	19	0	0	6	0	4	11	27	93	1	0	0	0	0	0	0	0	3	0	4	—	
Suffolk	Gorleston		93	12	63	25	—	2	—	—	6	—	—	—		1	1	1	0	—	0	—	—	—	—	—	—	
	Honington		21	5	38	19	28	1	0	4	1	1	14	17	149	8	0	2	0	0	0	0	0	1	0	11	—	
	Wattisham		21	3	34	28	34	0	0	5	1	0	22	13	161	8	0	1	0	0	0	0	0	0	4	0	13	
Bedford	Bedford		28	12	42	42	57	6	0	8	2	0	37	56	290	1	0	3	0	4	0	0	0	0	4	2	14	
	Cardington		34	13	64	76	68	4	0	8	2	2	38	69	378	1	0	3	0	4	0	0	0	0	4	2	14	
Hertford	Garston		15	0	13	5	16	1	0	3	0	0	8	17	78	1	0	0	0	0	0	0	0	0	1	0	2	
	Rothamsted		24	0	35	15	22	1	0	3	0	0	15	33	148	1	0	0	0	0	0	0	0	0	2	0	3	
Essex	Stansted		17	0	17	7	24	0	0	0	0	0	9	12	86	0	0	0	0	0	0	0	0	0	1	0	1	
	Shoburyness		87	31	111	86	78	25	17	21	10	37	94	116	713	9	1	9	6	2	0	0	1	0	14	27	69	
4 MIDLAND COUNTIES																												
Yorks W. R.	Sheffield		21	0	23	8	17	31	0	3	0	20	31	27	181	0	0	0	0	0	0	0	0	0	0	0	0	
	Church Fenton		23	2	26	20	24	1	0	2	0	10	16	14	138	0	0	0	0	0	0	0	0	0	0	1	1	
Nottingham	Wattall		12	2	35	8	34	3	0	1	1	1	20	29	146	0	0	0	0	0	0	0	0	0	0	0	0	
	Finningley		19	1	18	9	21	5	0	5	0	1	16	14	109	0	0	2	1	0	0	0	0	0	0	0	3	
Rutland	Cottesmore		28	5	38	23	39	5	0	4	0	1	24	35	202	0	0	2	0	0	0	0	0	0	1	0	3	
Northampton	Wittering		31	11	46	29	16	1	0	2	0	0	8	18	162	2	0	1	0	0	0	0	0	0	0	0	3	
	Edgbaston		29	9	32	20	34	3	0	3	0	1	24	41	196	1	0	1	0	1	0	0	0	0	2	1	6	
Warwick	Elmdon		32</																									



Table 7 (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
5 ENGLAND SE - continued																											
Wiltshire	Calshot	31	25	—	—	31	5	0	6	7	—	39	—	—	0	0	—	0	0	0	0	0	—	4	7	—	
	R. A. E. Farnborough	7	1	26	13	8	0	0	7	1	0	13	46	122	1	0	0	0	0	0	0	0	0	0	0	1	
	Larkhill	59	25	89	110	74	12	3	10	6	10	50	92	540	1	1	13	2	6	0	0	0	0	7	9	39	
	Boscombe Down	32	19	50	32	29	1	0	10	4	0	23	80	280	1	0	2	0	0	0	0	0	0	3	2	8	
	Porton	41	23	83	55	40	2	0	7	5	2	31	89	378	1	0	1	0	1	0	0	0	0	3	6	12	
7a ENGLAND NW																											
Cumberland	Sellafield	34	42	32	8	29	12	0	1	0	6	29	41	234	0	0	1	0	0	0	0	0	0	0	0	1	
	Carlisle	10	1	10	15	24	9	0	0	0	10	32	25	136	0	0	0	0	0	0	0	0	0	1	2	3	
Westmorland	Spadeadam	23	7	21	26	51	16	0	3	0	22	48	48	265	0	0	1	1	1	0	0	0	0	2	3	8	
	Great Dun Fell	277	145	208	286	301	239	57	149	80	254	327	354	2677	63	12	37	83	75	47	9	35	0	66	102	657	
Lancashire	Moor House																										
	Squires Gate	29	18	57	42	97	30	2	10	0	22	82	34	423	1	0	9	0	1	0	0	0	0	0	1	12	
	Aigburth	32	11	38	30	60	10	2	2	0	11	43	23	262	1	0	4	0	1	0	0	0	0	1	2	9	
	Southport	33	5	50	19	74	3	0	6	0	14	61	17	282	2	0	3	0	3	0	0	0	0	1	1	10	
	Fleetwood	44	29	55	33	79	21	0	11	0	29	108	26	435	1	0	4	1	3	0	0	0	0	2	2	13	
	Speke	41	21	49	40	46	6	0	4	1	14	23	16	261	1	0	6	0	2	0	0	0	0	0	0	9	
	Manchester Weather Centre	22	12	56	36	60	7	0	5	0	10	33	25	266	0	1	1	1	1	0	0	0	0	0	0	4	
	Ringway	9	11	36	18	32	1	1	8	0	6	22	28	172	0	0	1	0	0	0	0	0	0	0	0	1	
7b NORTH WALES																											
Anglesey	Valley	114	90	138	122	140	50	9	18	0	22	169	151	1023	23	11	21	14	20	7	0	0	0	4	26	155	
8a SOUTH WALES																											
Cardigan	R. A. E. Aberporth	119	72	97	124	137	21	4	19	1	14	105	142	855	26	11	15	0	20	0	0	0	0	2	11	95	
	Milford Haven																										
Pembroke	Conservancy Board	70	51	55	45	47	4	0	7	0	16	99	132	526	1	2	4	0	1	0	0	0	0	1	5	20	
	Port Talbot	70	71	70	74	66	1	0	11	2	16	84	97	562	5	0	7	1	7	0	0	0	0	10	4	34	
	Rhoose	33	18	79	74	74	4	1	9	0	3	56	45	396	3	0	3	0	5	0	0	0	0	8	1	20	
8b ENGLAND SW																											
Dorset	Portland Bill Coastguard	104	84	104	84	57	3	0	6	5	—	—	—	—	23	3	8	0	3	0	0	0	0	—	—	—	
	Mount Batten	96	94	108	126	67	5	1	13	11	31	109	150	811	16	22	17	6	4	0	0	0	3	3	16	47	
Devon	Chivenor	53	37	51	59	46	1	0	4	0	4	60	59	374	4	1	4	0	0	0	0	0	0	0	5	4	
	Scilly	119	105	144	146	96	5	2	28	14	31	145	210	1045	16	29	20	18	7	0	0	0	0	5	29	47	
Cornwall	Lizard	156	116	142	128	56	0	0	17	21	42	142	205	1025	22	29	13	2	0	0	0	0	0	1	25	40	
	St Mawgan	93	43	68	67	53	0	0	5	2	10	88	143	572	13	3	1	0	1	0	0	0	0	0	12	13	
9 NORTHERN IRELAND																											
Londonderry	Coleraine University	30	53	—	15	44	5	0	0	0	19	25	32	—	0	0	—	0	0	0	0	0	0	2	0	3	
	Aldergrove	25	33	27	5	18	6	0	0	0	8	10	24	156	0	0	0	0	1	0	0	0	0	0	0	1	
Antrim	Ballypatrick Forest	155	92	64	52	101	24	2	2	1	68	74	158	793	6	23	7	0	3	0	0	0	0	4	8	15	
	Belfast Harbour	59	81	51	—	111	36	1	4	1	—	30	125	—	3	6	2	0	2	0	0	0	0	3	0	14	
Down	Kilkeel	87	61	56	41	86	13	2	14	0	24	31	100	515	8	4	4	0	2	0	0	0	0	2	3	10	
	Orlock Head	176	127	64	60	125	30	7	20	11	—	—	—	—	24	24	13	1	16	0	0	0	0	—	—	—	
Armagh	Portadown	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Carrigans	—	57	32	30	51	17	0	1	0	24	22	76	—	—	4	6	0	0	0	0	0	0	1	0	2	
Fermanagh	Castle Archdale Forest	28	41	21	15	18	14	0	0	0	20	24	36	217	0	1	2	0	0	0	0	0	0	1	1	2	
CHANNEL ISLES																											
	Jersey Airport	83	47	106	77	41	4	4	1	5	19	106	64	557	16	5	1	2	1	0	0	0	0	0	18	1	



**Table 8 Dates on which gusts exceeded 47 knots during 1972**

The time of occurrence of the maximum gust each month can be found by reference to Table 6 of the appropriate monthly part of the Monthly Weather Report

District and Station	Dates	District and Station	Dates
<b>0 SCOTLAND N</b>			
Lerwick	Jan 10-13, 16-19, 23, 25, 26; Feb 4, 5; Mar 3, 4, 5, 21; Aug 10; Oct 22, 23, 30; Nov 7-10, 19, 28; Dec 1, 5, 11-14, 26, 29-31.	Bedford	Jan 27; Mar 27; May 26, 27; Nov 12, 13; Dec 4, 5.
Kirkwall	Jan 10-13; 16-18; Feb 3, 16; Mar 3, 22; Apr 3; Oct 22, 23, 30; Nov 7-10, 18, 19; Dec 5, 11, 13, 26.	Cardington	Jan 26; Mar 27, 28; May 26; Nov 12, 13; Dec 5.
Dounreay	Jan 8, 10-12, 14, 16-18; Feb 1, 2; Mar 3, 4; Apr 3; Oct 22, 23, 27, 30.	Garston	Jan 27; Nov 13.
Wick	Jan 17, 18; Mar 3; Oct 23, 30; Nov 10; Dec 5, 11, 13, 26	Rothamsted	Jan 27; Nov 13.
Stornoway Airport	Jan 13, 18, 19, 23, 24, 27; Feb 2, 12, 16; Mar 3, 4; Apr 3; June 17; Sept 30; Oct 23, 29, 30; Nov 9, 10, 18, 19, 22, 28; Dec 1, 5, 9, 11-14, 29-31.	Stansted	Nov 13.
Duirinish	Jan 23, 27; Mar 3; Apr 3; May 25; June 17; Oct 23, 29, 30; Nov 9-11, 18, 22, 28; Dec 1, 5, 11-15, 30, 31.	Shoeburyness	Jan 26, 27; Feb 15; Mar 4, 12, 27, 28; Apr 7, 10; May 26, 27; Aug 8; Nov 10, 12, 13, 19; Dec 1, 2, 4-6, 12.
Benbecula	Jan 8, 10, 18, 19, 23, 27; Feb 1, 3, 11, 13, 16, 27, 29; Mar 2-4, 27; Apr 2, 3, 9, 14, 29; Oct 29, 30; Nov 9-11, 18, 22, 28; Dec 1, 5, 9-14, 18, 25, 26, 29, 31.	<b>4 MIDLAND COUNTIES</b>	
Corpach	Feb 1; Dec 1, 5, 13. (Jan, Feb, Aug, Dec available only. Instrument out of order rest of year)	Church Fenton	Dec 5.
Fort Augustus (Hydro-electric Board)	Jan 17, 18; Feb 1; Oct 30; Dec 5, 13.	Finningley	Mar 27; Apr 6.
Dalcross	Jan 18; June 21; Oct 30; Nov 10, 18, 19; Dec 1, 5, 11, 13.	Cottesmore	Mar 27; Nov 13.
Cairngorm	Jan 8, 10-12, 15-26; Mar 2, 3, 4, 21-24, 26, 27; Apr 1-6, 9, 10, 28, 29; May 8, 12, 23-29; June 2, 3, 5, 17, 18, 20-22, 24-26, 30; July 5, 12; Aug 9, 16; Sept 6, 20, 29, 30; Oct 5, 6, 8, 21-23, 25, 27, 29-31; Nov 1-3, 5, 6, 8-10, 18, 19, 22, 25, 27-29; Dec 1, 4-6, 9-15, 18-20, 24-27, 29-31. (Record defective at times throughout year. Most of Feb missing)	Wittering	Jan 27; Mar 27.
<b>1 SCOTLAND E</b>		Edgbaston	Jan 27; Mar 3; May 27; Nov 12, 13; Dec 12.
Kinloss	Jan 16-18; Feb 2, 3, 4, 16; Mar 3; Oct 23, 30; Nov 1, 19; Dec 5, 12, 13.	Elmdon	Jan 24, 27; May 27; Nov 12, 13.
Lossiemouth	Jan 11, 15-18; Feb 16; Mar 3; Apr 5; Oct 23, 30; Nov 1, 2, 9, 10, 22, 23, 28; Dec 1, 5, 6, 11-13.	Brize Norton	Nov 12, 13; Dec 6.
Dyce	Jan 10-12, 16-18; Feb 2, 13; Mar 3; May 27; Oct 23, 29, 30; Nov 9, 18, 19, 23, 27; Dec 1, 5, 11, 12, 25, 26, 30, 31.	Keele	Jan 24, 27; Mar 3, 11, 27; May 26, 27.
Fraserburgh	Jan 16, 17, 18; Feb 13; Mar 3; Oct 23; Nov 9-12, 22, 23, 28; Dec 5, 11, 13.	Pershore	Jan 26, 27; Feb 3, 15; Mar 27, 28; Nov 13.
Bell Rock	Jan 10-12, 16-18, 23; Feb 1, 2, 15; Mar 3; May 26; Oct 22, 23, 27, 29, 30; Nov 9, 10, 18, 19, 28; Dec 1, 4-6, 10, 11, 13, 26.	Avonmouth	Jan 11, 26; Feb 3; Mar 27; May 25-27; Nov 12, 13; Dec 4, 11.
Rannoch	Dec 5, 13. (Record defective at times throughout year. All speeds for March missing)	Fairford	Mar 27; Nov 12, 13.
Tummel Bridge	Dec 5, 13.	<b>5 ENGLAND SE</b>	
Leuchars	Mar 3; May 26; Dec 5, 13.	London W/Centre	Aug 1; Nov 12, 13; Dec 2, 6.
Turnhouse	May 26; Nov 9; Dec 5, 13.	Heathrow	Nov 13.
<b>6a SCOTLAND W</b>		Hampton	Jan 26, 27; Mar 27, 28; Nov 13.
Tiree	Jan 10, 18, 23, 27; Feb 1, 2, 3, 11, 16; Mar 2-4; Apr 2, 3, 9; May 29; June 17; Oct 23, 29, 30; Nov 9, 10, 18, 28; Dec 1, 3, 5, 25, 26.	Kew	Jan 26; Nov 12, 13.
Machrihanish	Jan 10, 12, 16, 18, 27; Feb 2, 3, 15; Mar 3, 27; Oct 23, 29, 30; Nov 9-11, 18, 28; Dec 5, 11, 12, 13.	Watwick	Mar 27, 28; May 14; Nov 13; Dec 4, 5.
Dunstaffnage	Feb 1, 3; Mar 3; Nov 10; Dec 5, 13.	Isle of Grain	Jan 26, 27; Nov 12, 13; Dec 4.
Cumbernauld	May 26. (Record defective in Feb. Instrument out of order Sept-Dec)	Dungeness	Mar 4, 27; Apr 10, 29; May 26, 27; Nov 10, 12, 13; Dec 1, 4, 5.
Paisley	Mar 3; Apr 3; Oct 29; Nov 9; Dec 5, 11.	Dover	No record
Abbotsinch	Nov 9, 10; Dec 5, 11	Manston	Jan 27, 28; Apr 10; Nov 12, 13; Dec 4-6.
Ardrossan	Jan 18, 19, 27; Feb 3; Mar 3; Oct 29; Nov 9-11; Dec 1, 5, 6, 10-13.	Thorney Island	Jan 26; Mar 3; May 27; Nov 12, 13; Dec 1, 2, 4.
Hunterston	Jan 18; Feb 3; Mar 3; Apr 3; May 27; Oct 29; Dec 1, 4, 5.	Hurn	Nov 12, 13; Dec 4.
Prestwick	Feb 1, 3; Mar 3; May 25; Oct 23; Nov 9, 10, 22; Dec 5, 11, 12.	Calshot	Nov 12, 13; Dec 1, 2, 4, 6.
Eskdalemuir	Jan 12, 24, 27; Mar 3; Apr 3, 5; May 25; June 17; Oct 23, 29; Nov 9, 27; Dec 1, 5, 11, 14.	R.A.E. Farnborough	Jan 26
West Freugh	Jan 27; Feb 2; Mar 3; May 25; Nov 2; Dec 5, 11.	Larkhill	Jan 26; Feb 15; Mar 12, 27, 28, 30; Apr 7, 8; May 25, 27; Nov 12, 13; Dec 2, 4-6, 11, 12.
<b>6b ISLE OF MAN</b>		Boscombe Down	Jan 26; Mar 27; Nov 12, 13; Dec 2, 4.
Ronaldsway	Jan 18, 26, 27; Feb 3; Mar 3, 27; Apr 10; May 25; Oct 29; Nov 9, 27; Dec 1, 5, 10, 11.	Porton	Jan 26; Mar 4; May 27; Nov 12, 13; Dec 2, 4, 6.
Point of Ayre	Jan 10, 16, 27; Feb 1-3, 11, 15; Mar 3, 27; May 27; Nov 9; Dec 1, 5, 10, 11.	<b>7a ENGLAND NW</b>	
<b>2 ENGLAND NE</b>		Sellafield	Mar 3.
Durham	Jan 27; Mar 3, 27; Apr 6; May 26; Aug 17; Nov 27.	Carlisle	Nov 9; Dec 5.
South Shields	Jan 27; Nov 9.	Spadeadam	Mar 27; Apr 2; May 26; Nov 9; Dec 5.
Leeming	May 27; Nov 9.	Great Dun Fell	Jan 10-12, 18, 19, 22, 23, 26-29; Feb 1, 5, 11, 15; Mar 3, 6, 10, 11, 13, 27, 29; Apr 2-6, 9, 10, 19, 23, 28-30; May 1, 5, 7, 8, 12, 13, 24-30; June 2, 5, 17, 18, 21, 22; July 4; Aug 4-8, 16, 17; Oct 20, 22, 23, 27, 29, 30; Nov 1, 9, 10, 15, 18, 19, 21, 23, 27-29; Dec 1, 3-6, 10-14, 27, 31.
Middlesborough	Jan 12, 18, 26, 27; Mar 3; May 26; Oct 29; Nov 9, 19; Dec 1, 5, 11, 13.	Moor House	Defective most of year
Waddington	Mar 27; Dec 4, 5.	Squires Gate	Jan 26; Mar 3, 27; May 25; Dec 5.
Cranwell	Mar 27; May 26, 30; Dec 5.	Aigburth	Jan 27; Mar 3, 27; May 25; Nov 9; Dec 5.
Coningsby	Jan 27; Mar 27.	Southport	Jan 26, 27; Mar 27; May 26, 27; Nov 11; Dec 5.
Binbrook	Jan 26, 27; Mar 27; May 26; Nov 9, 13; Dec 4, 5, 11.	Fleetwood	Jan 26; Mar 3, 27; Apr 14; May 25, 26; Nov 9; Dec 5.
Manby	Jan 27; Nov 13	Speke	Jan 26; Mar 3, 27, 28; May 27, 30
<b>3 ENGLAND E</b>		Manchester W/Centre	Feb 3; Mar 27; Apr 6; May 26.
Marham	Jan 27; Mar 27; Nov 13.	Ringway	Mar 27.
West Raynham	Mar 27; Nov 13; Dec 6.	<b>7b NORTH WALES</b>	
Coltishall	Jan 27; Nov 13.	Valley	Jan 20, 18, 26, 27; Feb 2, 3, 11, 15; Mar 2-4, 11, 13, 27, 28; Apr 6, 9, 10, 30; May 23, 25-27; June 17, 18; Oct 29; Nov 9, 11, 18, 19, 27; Dec 1, 4, 5, 7, 10-12.
Gorleston	Jan 27; Feb 16; Mar 27 (No record Oct-Dec)	<b>8a SOUTH WALES</b>	
Honington	Jan 27; Mar 27; Nov 13.	Aberporth	Jan 11, 12, 26, 27; Feb 1, 2, 3, 15; Mar 3, 6, 27, 28; May 23, 25-27; Oct 29; Nov 12, 18, 20; Dec 4, 5, 11
Wattisham	Jan 27; Mar 27; Nov 13.	Milford Haven	Jan 11; Feb 3; Mar 3, 4, 28; May 25; Oct 29; Nov 12, 19; Dec 5, 7, 10, 11.
		Port Talbot	Jan 26, 27; Mar 3, 27, 28; Apr 11; May 26, 27; Nov 12, 20; Dec 4, 5, 7.
		Rhoose	Jan 26; Mar 27, 28; May 26, 27; Nov 12, 20; Dec 1.
		<b>8b ENGLAND SW</b>	
		Portland Bill Coastguard	Jan 16, 26, 27; Feb 2, 15; Mar 7, 27, 28; May 27. (No record Oct-Dec)
		Mount Batten	Jan 11, 26, 27; Feb 2, 3, 11, 15, 16; Mar 3, 6, 7, 12, 27; Apr 7, 10, 11; May 25, 26, 27; Sept 8, 9; Oct 29; Nov 10, 12, 19, 20; Dec 1, 4-7, 11, 12, 27.
		Chivenor	Jan 26, 27; Feb 3; Mar 3, 12, 28; Nov 12, 20; Dec 4, 5.
		Scilly	Jan 8, 11, 12, 14, 26, 31; Feb 1, 2, 3, 11, 12, 15; Mar 3, 6, 27, 28; Apr 4, 5, 7, 8, 10, 11; May 26, 27; Oct 29; Nov 11-13, 18-21
		Lizard	Jan 11, 12, 24, 26, 27; Feb 2, 3, 11, 12, 15; Mar 6, 12, 27, 28; Apr 10, 11; Oct 29; Nov 12, 13, 19-21; Dec 1, 4-6, 11, 12, 27, 28
		St. Mawgan	Jan 11, 26, 27; Feb 12, 15; Mar 27; May 27; Nov 12, 20; Dec 4, 5, 11, 27, 28.



Table 8 (continued)

District and Station	Dates	District and Station	Dates
<b>9 NORTHERN IRELAND</b>			
Coleraine University	Mar 3; Oct 29, 30; Dec 5.	Orlock Head	Jan 8, 10, 12, 16, 18, 26, 27, 31; Feb 1, 2, 15; Mar 3, 6, 27; May 25-27, 29; Oct 29; Nov 9-11, 23; Dec 5, 11-14, 28
Aldergrove	May 25	Portadown	No record
Ballypatrick Forest	Jan 16, 18, 27; Feb 1, 2, 15; Mar 3; May 8; 25; Oct 29; Nov 9, 11, 27; Dec 1, 5, 11, 12.	Carrigans	Feb 2; Mar 3, 27; Oct 29; Dec 1, 5. (Defective record Jan)
Belfast Harbour	Jan 27; Feb 2, 11; Mar 3; May 25, 27; Oct 29; Dec 5, 10-12, 14.	Castle Archdale	Feb 3; Mar 3; Oct 29; Nov 9; Dec 5.
Kilkeel	Jan 12, 16, 18, 27; Feb 2, 15, 16; Mar 3; May 25, 27; Oct 29; Nov 9; Dec 5, 10-12, 28.	CHANNEL ISLES	
		Jersey Airport	Jan 26, 27; Feb 2, 12, 13; Mar 28; Apr 11; May 27; Nov 11-13, 20; Dec 4.



**Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during 1972**

District and Station	date	maximum hourly mean wind of 41Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour ended at	direction	speed	time	direction	speed	
0 SCOTLAND N Lerwick	18 Jan	24	160	42	2235	160	62	01-06, 14-24
	19 Jan	01	160	41	0015	160	63	01-03
	10 Nov	14	230	42	0915	230	64	01-10, 14, 15
	13 Dec	16	220	52	1630	230	77	10, 12-24
	Kirkwall	18 Jan	18	150	45	1700	150	01-24
	3 Mar	21	110	47	2105	110	66	10-23
	10 Nov	16	240	48	1235	230	74	01-03, 07-17
	Dounreay	10 Jan	21	140	42	2055	150	17, 20-24
	18 Jan	15	150	45	1710	150	63	01-21
	3 Mar	20	130	47	1950	130	67	06, 08-23
	Stornoway Airport	18 Jan	17	170	50	1625	190	13-19
	16 Feb	08	010	42	0730	010	57	06-15
	3 Mar	24	160	46	2355	150	66	24
	4 Mar	01	180	50	0015	140	72	01-06
	30 Oct	03	170	46	0220	160	66	01-08
	9 Nov	09	190	45	0825	220	66	06-10, 21
	11 Dec	14	170	45	1740	220	67	11-17
	13 Dec	13	230	50	1140	220	79	01-19
	29 Dec	23	210	48	2250	210	64	16-24
	31 Dec	10	210	41	0815	210	58	05-12
	Duirinish	30 Oct	04	190	54	0320	190	01-09
	28 Nov	16	280	43	1545	270	60	15-17
	1 Dec	12	230	46	0925	220	66	09-15
	13 Dec	13	220	52	0925	210	74	01-19
	Benbecula	18 Jan	16	170	46	1500	170	13-17
	16 Feb	08	010	42	0725	020	64	06-15
	3 Mar	22	120	42	2340	210	64	18, 19, 21, 22, 24
	1 Dec	11	230	41	1115	240	68	10-14
	5 Dec	16	270	48	1510	260	74	16, 17
	13 Dec	10	210	50	1150	230	81	03-19
	Corpach	5 Dec	15	240	43	1455	240	15, 16 (Instrument out of order Mar-July, Sept-Nov)
	Cairngorm	8 Jan	06	160	45	0535	150	02-15
	10 Jan	19	160	52	1830	160	69	10-12, 17-22
	11 Jan	05	200	43	2345	220	65	01-08, 16-18, 21, 22, 24
	12 Jan	01	220	46	0040	220	64	01-08, 10-16
	16 Jan	14	150	47	1400	150	63	14-24
	17 Jan	24	160	55	2155	150	74	01-24
	18 Jan	01	160	54	0010	160	73	01-17
	23 Jan	05	240	47	0405	230	76	01, 03-05, 10-15, 22-24
	25 Jan	24	250	46	2335	250	68	16-24
	26 Jan	01	260	46	0010	250	72	01-03
	3 Mar	15	130	62	1630	120	84	01-24
	4 Mar	01	160	46	0150	170	60	01-10, 12-15
	1 Apr	24	250	43	1440	220	62	15-18, 20-24
	2 Apr	02	250	43	0115	250	59	01-07, 15-17, 22, 24
	3 Apr	05	250	46	0635	260	65	01-16
	9 Apr	23	170	42	2140	170	56	21-24
	24 May	23	230	42	2225	230	59	11, 12, 14, 15, 22-24
	25 May	03	230	44	0250	230	60	01-11, 13, 20, 21
	17 June	22	230	46	1845	220	70	04-10, 16-24
	21 June	24	260	43	1645	240	67	15-24
	22 June	07	260	51	0540	260	69	01-15, 17, 23
	12 July	12	190	41	1135	190	57	11-13
	9 Aug	04	250	41	0330	250	57	01-07
	22 Oct	23	250	52	2255	250	73	09-24
	23 Oct	03	260	56	0340	260	81	01-15, 19-22
	29 Oct	24	180	42	2330	180	66	18-24
	30 Oct	08	230	54	0710	230	87	01-15, 17
	1 Nov	10	230	55	1000	230	79	01-16
	2 Nov	11	240	43	0705	230	65	08-14, 17, 20, 21, 24
	6 Nov	09	240	48	0820	250	70	01-17
	9 Nov	19	250	49	1830	250	78	07-24
	10 Nov	17	250	50	0220	240	74	01-06, 10-22
	18 Nov	24	140	44	2155	150	61	17-24
	19 Nov	01	140	42	0005	140	62	01, 02
	25 Nov	06	240	46	0455	240	63	05-07, 09
	27 Nov	14	200	44	1555	210	64	04, 10-24
	28 Nov	16	240	50	1330	240	70	10-24
	29 Nov	10)	230)	46	1050	230	84	01-17
		12)	230)					
		13)	240)					
	1 Dec	12	210	46	1120	210	80	05, 06, 09-19
	5 Dec	16	230	74	1540	230	110	02, 08-24
	6 Dec	04	230	42	0350	230	68	01-09
	11 Dec	15	160	50	1435	160	66	11-24
	12 Dec	22	170	62	2140	170	78	01-24
	13 Dec	15	240	60	1245	230	96	01-24
	14 Dec	20	200	48	2015	200	74	01, 10-24
	15 Dec	02	200	44	0100	200	63	01-08
	26 Dec	16	160	44	1510	150	60	10-23
	27 Dec	20	140	42	1945	140	64	16-21, 24
	29 Dec	23	210	52	2205	210	69	15-24
	30 Dec	01)	210	54	0105	210	68	01-08, 12-24
		20)						
	31 Dec	12	210	50	1210	220	80	01-16
(Defective at times throughout year, including some listed dates. Most of Feb missing)								
1 SCOTLAND E Lossiemouth	30 Oct	06	220	43	0435	200	62	05-08 (No record 22 Oct)
	23 Nov	04	320	41	0340	320	59	01-07 (Defective 19 Nov)
	5 Dec	18	260	47	1720	260	79	18
	13 Dec	11	240	45	1045	230	82	05, 07, 09, 11-14, 16



Table 9 (continued)

District and Station	date	maximum hourly mean wind of 41Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour ended at	direction	speed	time	direction	speed	
Dyce	3 Mar	20	140	43	1910	140	66	13-21
Fraserburgh	23 Oct	16	300	48	1510	300	62	07-22
	22 Nov	24	290	44	2335	280	56	18-24
	23 Nov	01) 03)	300	42	0220	300	55	01-06
Bell Rock	17 Jan	24	170	46	2245	170	60	01-05, 10-24
	18 Jan	01) 21)	170 190	44	0025	170	56	01-23
	22 Oct	22	250	45	2135	250	54	22
	30 Oct	05	220	45	0410	220	57	01, 03-10
	9 Nov	13	220	44	1310	230	62	08, 10-16, 21
	19 Nov	03	160	46	0340	160	63	01-07
	5 Dec	14	220	52	1440	220	78	10-21
	13 Dec	13	230	41	0910	220	59	10-17
	26 Dec	06	160	41	1005	160	51	02-17, 19
Rannoch	5 Dec	15	—	42	1430	—	60	14-16
6a SCOTLAND W								
Tiree	18 Jan	16	170	49	1520	170	61	13-18
	1 Feb	11	130	42	0755	130	55	01-16
	2 Feb	24	120	43	2355	130	54	12-24
	16 Feb	12	010	42	1210	010	54	07-21
	3 Mar	22	240	50	2140	240	72	11-24
	29 Oct	24	190	55	2345	200	76	18-24
	30 Oct	01	210	57	0030	210	75	01-05
	9 Nov	08	200	42	0740	200	52	05-10
	1 Dec	10	240	42	0840	230	61	04-11
	5 Dec	14	260	53	1330	260	80	08-17, 21
Machrihanish	18 Jan	17	180	41	1515	170	57	15-19
	2 Feb	22	140	42	1850	130	58	16-24
	3 Mar	15	130	46	1350	140	68	12-16, 19
	5 Dec	12	240	46	1130	240	68	11-15
	12 Dec	21	170	41	2050	170	58	21, 22
Abbotsinch	5 Dec	14	230	41	1150	220	65	12-14
Ardrossan	5 Dec	12	240	41	1150	250	63	12-15
Hunterston	5 Dec	12	230	50	1130	230	88	12-14
6b ISLE OF MAN								
Ronaldsway	9 Nov	12	200	42	0955	200	61	09-16
3 ENGLAND E								
Bedford	13 Nov	02	290	41	0130	280	64	01-03
Cardington	13 Nov	02	280	41	0110	290	61	01, 02
Shoeburyness	12 Nov	21	200	42	1955	190	60	20-22, 24
	13 Nov	03	280	41	0240	290	70	01-04
	2 Dec	11	190	43	0755	190	57	02, 03, 05-12
	4 Dec	14	190	45	1315	190	61	11-15
	6 Dec	07	220	41	0515	220	54	02, 03, 06-15, 18
7a ENGLAND NW								
Great Dun Fell	11 Jan	19	170	43	1905	190	59	12, 19-21, 23, 24
	17 Jan	06	080	41	0230	090	44	03-08
	19 Jan	02	210	43	0050	190	60	01-02
	23 Jan	18	210	50	1705	210	64	04-20
	26 Jan	24	340	43	2310	340	52	24
	27 Jan	17	020	49	1220	360	62	01-24
	28 Jan	13	060	51	1210	060	59	01-6
	29 Jan	07	060	41	1025	060	48	02-13
	5 Feb	10	070	45	0940	070	55	05-14
	3 Mar	02	140	45	1615	140	64	01-06, 13-22
	10 Mar	19	040	44	1920	040	52	11-24
	11 Mar	13	030	45	1100	020	52	01-21
	27 Mar	10	250	43	0900	250	60	06-14
	2 Apr	18	240	47	1730	240	61	09-21, 24
	3 Apr	11	240	53	1005	240	67	01-03, 06-16
	5 Apr	24	200	48	2340	200	61	07-24
	6 Apr	01	200	47	0005	200	51	01, 02, 14-18
	19 Apr	10	020	41	0920	020	50	07-12
	28 Apr	24	200	48	2350	200	59	17-24
	29 Apr	02	200	49	0210	200	60	01-05, 23, 24
	30 Apr	01	200	43	1545	190	61	01-04, 07-16, 21-24
	5 May	05	030	42	0615	030	50	01, 02, 04-07, 10
	12 May	24	040	47	2400	040	57	17-24
	13 May	01	040	48	0010	050	59	01-11, 13, 19-22, 24
	24 May	17	200	47	1615	200	63	16-17
	25 May	24	210	60	2325	200	80	01-06, 10-24
	26 May	02	230	48	0130	230	62	01-18, 23, 24
	29 May	17	210	48	1640	210	62	01-03, 05-24
	2 June	15	200	47	1435	200	58	10-20
	17 June	22	210	60	2130	210	78	05, 08-24
	18 June	01	210	55	0010	210	72	01-05
	21 June	03	210	43	0255	210	60	01-07, 09, 14-19
	22 June	08	240	42	1405	230	54	01-03, 05-19, 24
	4 July	14	210	45	1330	210	60	12-22
	6 Aug	20	200	42	2320	210	53	01, 02, 15, 20-24
	7 Aug	11	200	43	1035	200	56	01-07, 09-19
	8 Aug	18	210	46	1500	200	59	13-24
	17 Aug	02	230	43	0115	230	54	01-07, 11, 17, 18, 21, 22
	22 Oct	18	250	52	1750	250	67	01-04, 07, 11-24
	23 Oct	05	240	51	0415	260	68	01-19
	29 Oct	23	200	60	2215	200	76	02-13, 15-24
	30 Oct	01	200	58	0035	200	74	01-06
	9 Nov	12	210	68	1120	210	82	05-23
	18 Nov	24	150	45	2200	180	66	19-24



Table 9 (continued)

District and Station	date	maximum hourly mean wind of 41Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour ended at	direction	speed	time	direction	speed	
7b Moor House NORTH WALES Valley	19 Nov	03	150	57	0255	150	79	01-08
	27 Nov	19	210	65	1835	210	80	01-24
	28 Nov	19	230	47	1930	230	59	01-06, 12-24
	29 Nov	12	220	51	2155	210	67	01-24
	1 Dec	09	200	62	0835	200	74	02-23
	3 Dec	24	210	46	2345	210	59	22-24
	4 Dec	02	200	48	0140	200	61	01-17
	5 Dec	12	220	69	2000	220	89	06, 07, 09-24
	6 Dec	02	230	46	0205	240	62	01-03
	10 Dec	18	200	46	1715	200	67	03-06, 16-19
	11 Dec	22	200	64	2045	190	86	08-11, 13-24
	12 Dec	24	200	49	2310	200	72	01-24
	13 Dec	02	200	55	0200	210	69	01-05, 07-18, 20-22
	14 Dec	14	220	54	1245	210	68	02-19, 22, 23
	Defective most of year							
	12 Jan	16	170	43	1550	170	61	09-16
	3 Mar	13	160	44	1240	150	67	10, 11, 13-17
8b ENGLAND SW Mount Batten  Scilly Lizard  St Mawgan NORTHERN IRELAND Orlock Head	10 Apr	01	180	43	0015	190	57	01-03
	25 May	22	210	42	2220	240	57	17-23
	9 Nov	14	220	46	1225	220	63	08-19
	5 Dec	09	230	45	0845	230	66	06-12
	11 Dec	20	190	41	2010	220	60	12-20
	12 Dec	21	180	43	2035	180	59	20-24
	6 Mar	20	210	41	1835	220	57	19-24
	12 Nov	18	230	47	1720	230	68	16-23
	5 Dec	12	230	41	1420	230	57	06-24
	2 Feb	05	170	41	0415	170	66	04-06
	2 Feb	08	150	42	0735	150	62	03-09, 13-18
	6 Mar	18	220	43	1840	220	59	16-24
	12 Nov	22	260	41	2050	260	60	17-24
	27 Jan	10	330	41	0600	320	63	05-18
	2 Feb	12	110	42	1110	110	60	07, 09-19
	5 Dec	11	250	44	1035	250	71	10-13



Table 10 Highest and lowest maximum and minimum temperatures during 1972 at each station

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum date
0 SCOTLAND N				
Hamnavoe	—	—	—	—
Lerwick	—	—	—	—
psychrometer	July 16	19.9 Aug 1,9	12.1 Jan 30	1.1 Nov 18
screen	July 16	20.6 July 29, Aug 1,9	12.0 Jan 30	1.2 Jan 30
Baltasound	July 16	20.8 Aug 9	12.1 Jan 30	1.4 Jan 31
Sule Skeri	July 16	17.3 Oct 9	11.9 Jan 30	(3.5) Jan 31
Stenness	July 16	26.5 July 18	12.5 Jan 30	0.0 Jan 31
Kirkwall	July 16	22.4 July 18	12.8 Jan 30	-0.5 Jan 30,31
Downreay	July 15	26.0 July 16	13.0 —	—
Wick	July 16	22.0 Aug 23	13.1 Dec 7	-1.0 Nov 18
Cape Wrath	July 18	20.6 Aug 13	13.0 Jan 31	1.4 Jan 31
Lairg	July 16,19	26.2 July 23	12.8 Dec 7	-3.2 Jan 31
Strathly	July 18	25.9 July 18	13.1 Jan 31	-1.0 Jan 31
Stornoway	July 16	21.7 July 23	13.8 Dec 7	1.5 Dec 8
Balmacara	July 16	23.6 July 23	14.6 Nov 12,(13)	2.0 Jan 31
Poolewe	July 16	22.6 July 23	15.1 Jan 30	0.6 Jan 31
Ruthie	July 18	20.0 July 17	13.6 Jan 31	-0.3 Jan 31
Inverpolly	July 16	22.4 July 23	14.2 Jan 30	0.2 Jan 31
Kinlochewe	July 16	27.7 July 23	14.4 Jan 30	-0.4 Jan 31, Feb 1
Knockanrock	July 18	23.7 July 17,19	12.2 —	—
Strathconon	July 17	27.5 Sept 3	14.0 Jan 31	-1.6 Jan 31
Fortrose	July 14	22.0 July 22,23,24	13.5 Jan 30	0.0 Jan 31
Tarbatness	Aug 19	22.5 July 23	14.0 Dec 8	(1.0) Jan 31
Benbecula	July 22	19.0 July 23	13.1 Jan 31	0.4 Jan 30
Isle of Rhum	July 19	23.0 July 23	13.9 Jan 30	1.6 Jan 30
Prabost	July 18	23.6 July 23	12.7 Jan 31	0.8 Jan 31
Duntulm	July 16	20.6 July 24,28	12.8 Jan 31	0.0 Jan 31
Onich	July 17,18,21	25.5 July 23	13.5 Jan 30	(0.1) Mar 13
Corrach	July 18	27.5 July 22	15.0 Jan 30	(0.4) Feb 1
Fort Augustus	July 17	28.4 July 22	13.9 Dec 7	(0.9) Jan 31
Lagganilla	July 17	27.3 July 22	12.7 Jan 30	-2.4 Dec 9
Inverness	July 16	27.0 July 23	14.5 Jan 31	-1.0 Jan 31
Coire Cas	—	—	—	—
Shielling	July 17,18,20	22.7 July 16	(12.7) —	—
Glenmore Lodge	July 18	27.0 July 24	12.1 Jan 31	-1.5 Dec 9
1 SCOTLAND E				
Nairn	July 16	22.3 July 23	14.2 Jan 30	-0.9 Jan 31
Grantown-on-Spey	July 16	26.6 July 22	13.1 Dec 8	-3.9 Dec 9
Forres	July 16	27.2 July 23	14.4 Jan 30	-1.0 Jan 31
Kinloss	July 16	26.4 July 23	14.9 Jan 31	-2.3 Jan 31
Elgin	July 16	24.8 July 23	13.8 Jan 31	-0.5 Jan 31
Lossiemouth	July 16	24.8 July 23	13.8 Jan 30	-1.4 Jan 31
Gordon Castle	July 18	25.4 July 23	13.4 Jan 31	0.0 Jan 31
Glenlivet	—	—	—	—
Banff	July 16	25.4 July 29,31, Aug 14, Oct 9	13.0 Jan (30), 31	0.8 Jan 31
Braemar	July 20	28.2 July 24	12.1 Dec 8	-5.0 Dec 9
Balmoral	July 20	27.0 Oct 9	12.4 Dec 8	-3.3 Dec 9
Dinnit	July 20	28.5 July 22	13.0 Jan 30	-2.5 Dec 9
Garthly	July 17	25.4 Oct 9	12.3 Jan 30	-2.0 Dec 8
Inverurie Swge	—	—	—	—
Works	July 17	25.1 July 22	12.9 Jan 30	-1.7 Dec 9
Fyvie Castle	July 17	25.0 July 21,22,31	12.0 Dec 8	-1.5 Dec 9
Craigstone	July 17	23.4 July 31	12.4 Jan 30	-2.0 Jan 31
Dyce	July 17	23.7 July 22	13.6 Jan 30	-1.4 Dec 9
Aberdeen	Aug 19	22.6 July 31	13.2 Dec 7	0.6 Dec 9
Fraserburgh	July 16	24.0 Aug 14	13.1 —	—
Fettercairn	July 20	23.9 July 15	12.8 Jan 30	-2.5 Jan 31
Banchory	July 19	25.4 July 22	13.3 Jan 30	-0.6 Dec 9
Stonehaven	Aug 19	22.3 July 23	13.5 Jan 30	1.0 —
Mylnfield	July 14,15	25.0 July 22,24	13.7 Jan 30	-1.9 Jan 31
Dundee	July 14	24.9 July 24	13.6 Jan 30	-2.0 Nov 18
Glamis Castle	July 20	28.0 July 24	13.1 Jan 30	-1.7 Feb 1
Whitehills	July 20	25.3 Oct 9	12.3 Jan 31	-1.2 Jan 31
Buddon Ness	Aug 24	22.1 July 22,24	13.3 Jan 30	-0.1 Feb 1, Nov 16
Arbroath	Aug 24	22.4 Aug 17	(13.2) Jan 30	0.3 Jan 31
Usan	Aug 19	22.6 Aug 17	13.2 —	—
Montrose	Aug 19	22.5 July 22,24	13.0 Dec 7	0.2 Jan 31
Aberfoyle	July 20	28.0 July 22	14.0 Jan 30,31	0.0 Jan 31
Dall	July 19	29.1 July 24	12.4 Jan 30	-1.7 Jan 31
Callander	July 20	27.0 July 22	13.7 Jan 31	0.0 Jan 31
Ardtaraig	July 20	28.6 July 21	13.1 Jan 30	-1.5 Jan 31
Drummond Castle	July 20	26.5 July 22,23	12.8 Jan 30	-1.5 Jan 31
Glenaeles	July 18	25.8 July 23	12.2 Jan 31	-0.2 Jan 31
Pitlochry	July 20	27.6 July 25	13.7 Jan 30	-1.5 Jan 31
Faskally	July 20	28.4 July 22,24	13.5 Jan 30	-0.9 Dec 9
Ashintully Castle	July 20	27.9 July 24	11.9 Jan 30	-2.6 Dec 9
Strathallan	July 20	28.6 Oct 9	13.9 Jan 30	-0.9 Jan 31
Perth	July 20	29.4 July 23,24	14.5 Jan 31	1.4 Jan 31
Blairgowrie	July 21	28.8 July 24	13.2 —	—
Kinross	July 20	27.4 July 23,24	13.0 Jan 31	0.2 Feb 1
Pitreevie	July 20	28.3 July 22	13.7 Jan 31	-3.0 Jan 31
Kirkcaldy	July 14,16	24.0 Oct 9	14.0 Jan 30	-1.0 Feb 1
Glenrothes	July 20	27.7 July 30	15.5 Jan 30	-1.6 Feb 1
Leuchars	July 14	25.2 July 24	13.8 Jan 31	-1.2 Jan 31
St Andrews	July 14	24.3 July 24	13.4 Jan 30	-1.0 Feb 1
Livingston	July 20	28.5 July 23,24, Oct 9	13.0 Jan 30,31	-1.5 Feb 1
Turnhouse	July 20	28.4 Oct 9	14.6 Jan 31	-3.4 Feb 1
Edinburgh	—	—	—	—
East Craigs	July 20	28.4 Oct 9	14.2 Jan 30	-0.8 Feb 1
Penicuik	July 20	27.9 July 23	13.2 Jan 30,31	-1.5 Jan 31
Bush House	July 20	26.3 July 24	13.7 Jan 30	-2.4 Jan 31
Edinburgh	—	—	—	—
Blackford Hill	July 20	28.1 Oct 9	13.4 Jan 31	-1.0 Feb 1
Royal Botanic	—	—	—	—
Gdn	July 20	26.4 Oct 9	14.6 Jan 31	0.2 Jan 31
Haddington	July 20	28.6 Oct 9	14.1 Jan 30	-0.5 Feb 1
Dunbar	July 14, Aug 19,24	21.0 Aug 17	13.9 Jan 30	0.2 Jan 31
Marchmont	July 16	26.0 July 13,21,23,24	12.5 Jan 30,31	-1.0 Feb 1
Whitchester	July 20	25.7 July 24	11.9 Jan 31	-1.9 Feb 1
Leitholm	July 20	25.2 July 22	13.2 Jan 30	-0.6 Feb 1
St Abbs Head	Aug 8	(21.1) Aug 17	14.3 Jan 18	(-0.1) Feb 1
Stanhope Farm	July 19	26.0 July 23	13.1 Jan 31	-1.7 Jan 31
Blyth Bridge	July 20	25.5 July 24	13.0 Jan 30	-2.8 Jan 31
West Linton	July 20	26.8 Aug 7	13.0 Jan 30	-2.4 Jan 31
Glenrass	July 19,20	28.5 July 24	14.0 Jan 30	-2.0 Jan 31
Bowhill	July 20	28.4 July 24	13.1 Jan 30	-2.2 Feb 1
1 SCOTLAND E - continued				
Galashiels	July 20	26.9 July 24	12.8 Jan 30	-3.6 Feb 1
Wauchope	July 20	27.6 July 24	13.8 Jan 30	-2.6 Feb 1
Kelso	July 20	27.6 July 24	13.9 Jan 31	-0.6 Feb 1
Sourhope	July 20	27.8 July 15,24	12.6 Jan 31	-0.4 Jan 31
6a SCOTLAND W				
Tiree	July 18	22.7 July 23	13.5 Jan 31	0.3 Jan 31
Port Ellen	July 27	24.1 July 22	14.2 Jan 31	1.1 Jan 31
Rhuvaal	July 16	22.0 July 22	14.6 Jan 31	0.6 Jan 31
Colonsay	July 18	23.5 July 22,23,25	13.5 Jan 31	0.5 Jan 31
Aros	July 21	26.4 July 24	13.7 Jan 30	(1.3) —
Machrihanish	July 17	21.8 July 22	14.9 Jan 31	0.7 Jan 31
Polloch	July 16	25.2 July 24	14.2 Jan 30	0.2 Jan 31
Knapdale Forest	July 18	25.8 July 22	13.6 Jan 30	0.1 Jan 31
Dunstaffnage	July 16	25.1 July 22	14.5 Jan 30	0.8 Feb 1
Glenbranter	July 17	27.7 July 22	14.5 Jan 31	0.0 Jan 31
Glen Etive	July 17,19	27.1 July 23	15.3 —	—
Benmore Younger	—	—	—	—
Botanic Gardens	July 17	28.0 July 22	14.4 Jan 31	-0.9 Jan 31
Kildonan	July 17	25.8 July 19	15.0 —	—
Brodick Castle	July 17	26.4 July 22	14.0 Jan 31	-0.8 Feb 1
Rothsay	July 17	28.0 July 18	15.0 Jan 30	0.0 Jan 31
Finnart	July 17	28.0 July 22,24	14.6 Jan 31	0.0 Jan 31, Feb 1
Helensburgh	July 17	26.5 July 17	13.5 Jan 31	-1.5 Jan 31
Sloy	July 20	26.3 July 15	15.9 Jan 30	0.0 Jan 31
Arrochymore	July 17	27.4 July 23	13.8 Jan 30,31	0.2 Feb 1
Cumbernauld	July 20	27.0 July 24	13.7 Jan 30	-1.5 Jan 31
Earls Hill	July 20	25.4 July 17	14.0 Jan 31	-3.8 Jan 31
Stirling	—	—	—	—
Batterflats	July 20	28.7 July 22	14.2 Jan 31	0.0 Jan 31
Parkhead	July 20	27.5 July 22	14.0 Jan 30	0.0 Jan 31
Falkirk Swge	—	—	—	—
Wlks	July 20	27.4 July 24	13.8 Jan 30	-0.8 Feb 1
Greenock	July 17	26.3 July 17	15.3 Jan 31	-1.5 Jan 31, Feb 1
Paistley	July 16,17,20	28.0 July 17,23,24	14.5 Jan 31	-1.2 Feb 1
Barrhead	July 16,17,19	27.4 July 24	14.3 Jan 30	-0.7 Feb 1
Abbotsinch	July 17	27.2 July 23	14.2 Jan 31	-3.3 Nov 18
Crossmyloof	July 16	28.5 July 24	14.4 Jan 30	-0.6 Jan 31, Feb 1
East Kilbride	July 19	26.3 July 23	13.2 Jan 30	-2.7 Jan 31
Glasgow	—	—	—	—
Springburn	July 17,20	27.1 July 24	13.6 Jan 30	-1.4 Feb 1
Coatbridge	July 19	28.0 July 24	13.5 Jan 31	-0.4 Feb 1
Leadhills	July 19	25.7 July 24	13.4 Jan 31	-3.7 Jan 31
Crawfordjohn	July 19	25.5 July 23	12.8 Jan 31	-2.8 Jan 31
Lanark	July 19	27.8 July 24	13.5 Jan 30	-1.3 Jan 31
Carnwath	July 19,20	25.9 July 22	13.1 Jan 31	-1.6 Jan 31
Camps Reservoir	July 19	25.3 July 24	12.4 Jan 30	-3.0 Jan 31
Girvan	July 17	25.3 July (22),23	14.6 Jan 31	1.0 Jan 31
Hunterston	July 17	27.2 July 18	15.2 —	—
Auchincruive	July 17	26.1 July 22	14.5 Jan 30	-0.9 Feb 1
Prestwick	July 17	26.7 July 22	14.9 Jan 31	-1.0 Jan 31
Dumfries	July 20	26.7 July 22	14.2 Jan 31	-1.6 Jan 31
Auchen Castle	July 20	27.2 July 23	14.4 Jan 31	-0.2 Jan 31
Eskdalemuir	—	—	—	—
psychrometer	July 20	25.8 July 22,23,24	12.9 Jan 31	-3.8 Jan 31
screen	July 20	27.1 July 23,24	13.2 Jan 30	-2.5 Jan 31
Bargrennan	July 17	27.3 July 22	14.0 Jan 31	0.4 Jan 31
Palnure	July 17	27.4 July 22	14.5 Jan 31	0.4 Jan 31
Clatteringshaws	July 20	26.6 July 22	13.0 Jan 29	-1.7 —
Glenlee	July 17	27.9 July 22	13.9 —	—
Dundreugh	July 17	27.2 July 23	13.4 Jan 30	-0.4 Feb 1



Table 10 (continued)

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
°C	°C	°C	°C	°C
<b>7a ENGLAND NW - continued</b>				
Speke	July 20	27.0 Aug 6	14.8 Jan 31	-0.4 Jan 31
Kirkham	July 17, 18	25.0 July 14	14.9 Jan 31	-0.1 Jan 31
Bairrig	July 17	25.1 July 14	14.3 Jan 30	-0.8 Jan 31
Morecambe	July 18	26.0 July 21	16.7 Jan 30	-0.2 Jan 31
Preston	July 20	27.0 July 13	16.7 Jan 31	-0.5 Jan 31
Bolton	July 20	27.5 July 14	14.2 Jan 30	-0.8 Jan 31
Stonyhurst	July 20	28.4 July 14	14.3 Jan 30	-1.0 Jan 31, Feb 1
Helmshore	July 20	25.7 July 14	15.0 Jan 30	-2.5 Jan 31
Nelson	July 20	26.5 July 23	13.8 Jan 31	-1.6 Jan 31
Rochdale	July 20	27.0 July 14	15.2 Jan 31	0.3 Jan 31
West Kirkby Park	July 17, 18	26.4 Aug 6	15.5 Jan 31	0.0 Jan 31
Ness Gardens	July 18	26.7 Aug 6	14.9 Jan 31	-0.1 Jan 31
Winnington	July 20	28.1 July 19	16.8 Jan 30, 31	0.5 Jan 31
Knutsford	July 20	28.4 July 21	14.0 Jan 31	0.2 Jan 31
Ringway	July 20	28.2 July 14	15.0 Jan 30, 31	-0.5 Jan 31
Macclesfield	July 20	26.5 July 14	14.8 Jan 31	-0.2 Jan 31
<b>7b NORTH WALES</b>				
Rhyl	July 19	26.8 July 22	16.0 Jan 30, 31	1.0 Feb 1
Prestatyn	July 18	26.3 July 22	15.6 Jan 30, 31	1.2 Jan 31
Hawarden Bridge	July 18	26.7 July 14, 22, Aug 6	16.0 Jan 30	-0.2 Jan 31
Valley	July 20	25.4 July 14	14.7 Jan 30	1.9 Jan 31
Colwyn Bay	July 18	22.9 July 22	15.6 Jan 30	0.3 Jan 31
Alwen	July 20	24.7 July 22	14.0 Jan 30	0.2 Jan 31
Ruthin	July 17	26.3 July 22	14.7 Jan 31	-2.0 Jan 31
Loggerheads	July 20	24.7 July 22	13.4 Jan 30	-2.5 Feb 1
Bwlchgwyn	July 20	24.0 July 20	14.0 Jan 30, 31	-3.0 Jan 31
Wrexham	July 18	25.1 July 20	13.7 Jan 30	-1.0 Feb 1
Bardsey Island	July 18	23.5 July 18	15.3 Jan 30	0.2 Jan 30
Botwnnog	July 18	25.7 July 21	15.0 Feb 18, 19	3.1 Jan 31
Pen-y-Ffridd	July 20	24.2 July 21	15.4 Jan 30	1.1 Jan 31
Travsflymydd	July 20	25.9 July 21	15.5 Jan 30	-0.8 Jan 31
Bala	July 20	26.5 July 22	14.8 Jan 31	0.1 Jan 31
Corwen	July 20	25.6 July 22	15.6 Jan 31	0.0 Jan 31
Ceirws	July 20	28.0 July 21, 22	15.0 Jan 29, 30, 31	2.0 Jan 31
Moel Cynnedd	July 20	24.2 July 21	13.6 Jan 30	-3.9 Jan 31
Lake Vyrnwy	July 20	25.0 July 21	14.8 Jan 30	-2.4 Jan 31
<b>8a SOUTH WALES</b>				
Aberporth	July 18	22.0 July 19	16.0 Jan 30	-0.7 Jan 31
Aberystwyth	—	—	— Jan 29	2.0 Jan 31
Gogerddan	July 18	26.0 July 21	15.5 Jan 30	0.2 Jan 31
Swyddfynnon	July 20	25.6 July 22	16.0 Jan 30	-1.5 Jan 31
Traviscoed	July 18	26.6 July 21	16.4 Jan 30	(0.5) Jan 31
Llety-ewan-hen	July 18	23.8 July 20	16.8 Jan 30	-2.9 Jan 31
Cwmystwyth	July 20	24.5 July 21	14.7 Jan 31	-0.3 Jan 31
Dale Fort	July 16	25.0 July 19	15.8 Jan 30	0.7 Jan 31
Milford Haven CB	July 17	26.4 July 21	16.4 Jan 30	0.3 Jan 31
Orelton	July 17	25.1 —	— Jan 30	-0.2 Jan 31
Haverfordwest	July 17	25.7 July 15	19.2 Jan 30	-0.1 Jan 31
Carmarthen	July 15	26.0 July 21	17.0 Jan 30	0.5 Jan 31
Egairwen-Uchaf	July 20	23.6 July 18	15.2 Jan 30	-2.5 Jan 31
Brynamman	July 20	24.6 July 21	17.2 Jan 30	-0.6 Jan 31
Cenarth Mill	July 20	24.7 July 21	15.1 Feb 20	1.1 Jan 31
Llandrindod Wells	July 20	25.2 July 21	14.6 Jan 30	-2.4 Jan 31
Lhwyn	July 14	25.0 July 21	15.2 Jan 30	-0.2 Jan 31
Mumbles	July 17	24.0 July 21	16.8 Jan 30	0.5 Jan 31
Pennmaen	July 17	24.7 July 21	16.1 Jan 30	-0.2 Jan 31
Port Talbot	July 17	27.0 July 18	18.5 Jan 30	1.5 Jan 31
Neath	July 17	25.5 July 18	18.0 Jan 30	-0.9 Jan 31
Porthcawl	July 17	26.2 July 18	17.5 Jan 30	0.0 Jan 31
Rhose	July 17	25.0 July 21	16.6 Jan 30	-0.5 Jan 31
Cardiff	July 17	25.6 July 21, Aug 12	17.5 Jan 30	-0.7 Jan 31
Tredegar	July 20	23.7 July 21	15.5 Jan 29	-1.0 Jan 31
Newport	July 17	25.5 July 21	17.1 Jan 30	-1.0 Jan 31
Usk	July 15, 17	26.0 July 19, 20	16.0 —	—
Crumbland	Aug 23	23.4 July 21	15.1 Jan 30	-3.0 Jan 31
<b>8b ENGLAND SW</b>				
Hawkrig	July 14	22.0 July 21	15.5 Jan 30	-2.2 Jan 31
Nettlecombe	July 17	23.4 July 21	15.5 Jan 29	1.2 Jan 31
Cannington	July 17	25.0 July 21	16.5 Jan 30	0.0 Jan 31
Cheddar	July 17	25.2 July 20	17.7 —	—
Yeovilton	July 17	25.6 July 20	16.8 Jan 30	-1.0 Jan 31
Rodney Stoke	July 15	25.0 July 22	17.0 Jan 30	0.6 Jan 31
Long Ashton	July 17	25.5 July 21	17.0 Jan 30	-1.1 Jan 31
West Camel	Aug 15	25.8 July 21	16.5 Jan 30	-0.7 Jan 31
Downside Abbey	July 17	23.9 July 21	15.7 Jan 30	-1.7 Jan 31
Wincanton	July 14, 17, 22, Aug 14	24.0 July 21	16.5 Jan 30	-1.8 Jan 31
Bath	July 17	24.9 Aug 13	15.0 Jan 30	-1.0 Jan 31
Portland Bill CG	July 16	24.7 July 20	17.0 Jan 30	-0.4 Jan 31
Weymouth	July 17	25.9 July 19	16.4 Jan 30	0.0 Jan 6
Winfrith	July 17	26.0 July 20	16.3 Jan 30	1.9 Jan 31
Shaftesbury	July 20	24.7 Aug 14	14.5 Jan 30	-2.6 Jan 31
Swanage	July 16	23.8 July 20	16.0 Jan 30	-0.2 Dec 31
Poole	July 17	26.8 July 20, 22	16.2 Jan 30	-1.5 Jan 31
Virginow	July 14	24.9 July 19	15.4 Jan 30	-0.8 Jan 30
Hartland Point	July 17	21.0 July 20	14.3 Jan 29, 30	2.3 Jan 30
Mount Batten	July 16	24.8 July 19	17.8 Jan 30	0.2 Jan 30
Plymouth Hoe	July 16	25.0 July 19	16.9 Jan 30	0.2 Jan 30
Tavistock	Aug 22	25.4 July 19	16.8 Jan 2	2.6 Jan 31
Chivenor	July 15	25.6 July 21	17.4 Jan 30	1.1 Jan 31
Totnes	July 17	26.4 July 19, 20	16.5 Jan 30	-0.5 Jan 31
Cheldon Barton	Aug 24	23.5 July 21	15.7 Jan 30	-0.5 Jan 31
Slapton	July 16, Aug 14	23.7 July 20	16.1 Jan 30	1.7 Jan 31
Newton Abbot	July 21, Aug 22	23.9 July 20	16.3 Jan 30	-0.2 Jan 31
Torbay (Torquay)	Aug 14	24.5 July 18	17.0 Jan 30	0.4 Jan 30
Teignmouth	July 16	25.6 July 20	16.5 Jan 30	-0.2 Jan 31
Starcross	July 16	24.0 July 20	16.4 Jan 30	-0.2 Jan 31
Exmouth	July 16	25.0 July 20	16.6 Jan 30	-0.5 Jan 31
Exeter	July 17	24.1 July 20	16.8 Jan 30	-0.3 Jan 31
Sidmouth	July 17	24.9 July 20	17.3 Jan 30	3.0 Jan 31
Scilly	July 28	21.9 Aug 6	15.2 Jan 30	2.9 Jan 30
Gwennap Head	Aug 23	23.6 July 19	17.3 Jan 29	2.8 Jan 30
Penzance	July 29, Aug 22	23.0 July 19, 20	15.9 Jan 29	4.0 Jan 5
<b>NORTHERN IRELAND</b>				
Coolkeeragh	July 17	22.9 July 23	14.0 Jan 4	0.0 Jan 31
Loughermore	—	—	—	—
Forest	July 16	25.2 July 15	13.5 Jan 31	0.8 Jan 31
Banagher Caugh	—	—	—	—
Hill	July 19	27.0 July 15	14.0 Jan 4, 31	2.0 Feb 1
Derrynoyd Forest	July 19	26.5 July 23	14.5 —	—
Somerset Forest	July 17	26.7 July 15	14.0 Jan 30	1.6 Jan 31
Coleraine	—	—	—	—
University	July 17	24.8 July 23	14.3 Jan 30	1.7 Jan 31
Garvaghy Forest	July 16	25.6 July 23	13.8 Jan 5, 31	1.1 Jan 31
Moneydy	July 16	26.6 July 23	14.5 Jan 31	0.3 Jan 31
Ballymoney	July 16, 18	26.5 July 26	12.7 Jan 30	1.2 Jan 31
Lisnafillan	July 17, 19	25.5 July 23	13.8 Jan 30, 31	2.0 Jan 31
Aldergrove	July 17, 19	26.2 July 22	14.5 Dec 8	0.4 Jan 31
Greenmount	July 17	26.3 July 25	13.3 Jan 31	1.7 Dec 24
Altnahinch	July 16	24.5 July 22, 23	13.0 Jan 30	-0.3 Jan 31
Parkmore Forest	July 17	22.4 July 22	12.8 Dec 8	(1.5) Jan 31
Black Mountain	July 18	23.0 July 22	13.1 —	—
Lowtown	July 19	25.9 July 17	13.3 Jan 31	0.2 Jan 31
Ballypatrick	—	—	—	—
Forest	July 16	23.8 July 14, 22	12.5 Jan 31	0.2 Jan 31
Belfast Malone	July 17	25.3 July 22, 23	14.3 Jan 30	0.9 Feb 1
Newtownabbey	July 17	25.0 July 18	14.4 Jan 30	1.6 Dec 9
Woodburn North	July 17, 19	23.0 July 16	13.1 Jan 31	0.8 Jan 31
Larne	July 19	26.3 July 22	13.5 Jan 30	2.1 Jan 31
Kilroot	July 19	23.9 July 22	13.6 Jan 30	2.5 Jan 31
Ballylumford	July 18	22.5 July 22, 23	13.5 Jan 31	2.2 Feb 1
Hillsborough	July 19	24.6 July 22	14.5 Jan 30	0.3 Jan 31
Kilkeel	July 19	23.6 Aug 20	14.6 —	—
Rosetta	July 17	(25.3) July 16	14.3 Jan 31	(1.0) Jan 31
Murlough	July 20	26.2 July 22	14.3 Jan 30	-0.4 Jan 31
Belfast Rosebank	July 19	27.0 July 22	14.5 Jan 31	1.5 Dec 25
Stormont Castle	July 19	24.7 July 16	13.8 Jan 31	1.6 Dec 25
Downpatrick	July 19	25.0 July 22	14.0 Jan 31	2.2 Jan 31
Creightons Green	July 18	23.6 July 17, 22	13.5 Feb 20	3.5 Jan 31
Helens Bay	July 17	24.5 July 17, 22	13.8 Jan 30, 31	1.6 Jan 31
Killough	July 17	22.9 Aug 14	13.7 —	—
Armagh	July 19	26.6 July 23	13.5 Jan 30	1.4 Jan 31
Loughgall	July 17	25.9 July 22	13.7 Jan 30	1.4 Jan 31
Tandragee	July 17	27.8 July 22, Aug 14, 17	13.0 Jan 5	2.0 Jan 31
Portadown	July 17	26.2 July 22	14.5 Jan 30	2.2 Jan 31
Lurgan	July 19	26.3 July 22	14.5 Jan 30	1.4 Jan 31
Lough Bradan	July 19	25.5 July 23	14.0 Jan 30	1.0 Jan 31
Baronscourt Forest	July 19	26.3 July 15	14.6 Jan 30	1.0 Jan 6
Strabane Convent	July 19	26.5 July 14, 15, 23	14.5 Jan 4	-0.9 Jan 6
Carrigan	July 19	27.3 July 22	14.7 Jan 31	0.2 Jan 5
Lislap Forest	July 19	26.0 July 15	13.3 Jan 31	0.5 Dec 29
Knockmany Forest	July 17	26.3 July 23	13.7 Jan 30	1.8 Jan 31
Pomeroy Forest	July 19	25.3 July 22, 23	13.9 Jan 30	-0.3 Jan 31
Cookstown	July 19	26.0 July 23	13.4 Jan 30	0.9 Jan 31
Roscor	July 18	25.3 July 23	14.3 —	—
Lough Navar	—	—	—	—
Forest	July 19	26.6 July 22	15.0 Jan 30	0.3 Jan 31
Castle Archdale	—	—	—	—
Forest	July 17, 18, 19	26.0 July 22	15.0 Jan 5	0.5 Jan 31
Lisnaskea	July 19	27.5 July 23	15.4 Jan 4	1.3 Jan 31
Pubble Forest	July 19	26.5 July 22	14.7 Jan 30	0.6 Jan 31
<b>CHANNEL ISLES</b>				
Guernsey Airport	July 14, 16	21.2 Aug 21	14.6 Jan 30	-1.2 Jan 30
Guernsey L'Ancrese	Aug 7	23.7 Aug 6	15.3 Jan 30	0.9 Jan 31
Alderney	July 16, Aug 15	19.6 Aug 25	14.9 Jan 30	0.0 Jan 31
Jersey Airport	July 18	23.2 Aug 7	15.6 Jan 30	-0.4 Jan 30
Jersey St Helier	July 14	23.5 July 20, Aug 8	16.2 Jan 30	0.3 Jan 30



Table 10 (continued)

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
3 ENGLAND E	°C	°C	°C	°C
Terrington St Clement	Aug 23	25.1 Aug 7	15.6 Jan 30	-1.1 Jan 31
Marham	July 13, Aug 23	24.4 Aug 7	15.9 Jan 31	-3.4 Jan 31
Santon Downham	—	— Aug 7	16.0 Jan 30	-1.5 Jan 30
East Dereham	July 13	26.6 Aug 7	16.1 Jan 29,30	0.0 Jan 31
Morley St Botolph	July 13	24.5 Aug 7	16.3 Jan 30	-2.8 Jan 31
Cromer	Aug 7	23.5 Aug 7	16.2 Jan 30	-0.5 Jan 31
Scole	July 19	25.9 Aug 7	17.0 Jan 30	-1.1 Jan 31
Coltishall	Aug 7	24.2 Aug 7	16.8 Jan 31	-4.5 Jan 31
Gorleston	Aug 7,8	23.1 Aug 7	17.5 —	—
Brooms Barn	July 19,20	25.2 Aug 7	16.3 Jan 30	-0.4 Jan 31
Honington	July 19	26.2 Aug 7	16.6 Jan 30	-1.9 Jan 30
East Bergholt	July 19	28.0 July 22	16.0 Jan 30	-1.2 Jan 31
Wattisham	July 19	25.9 Aug 7	16.5 Jan 30	-2.5 Jan 31
Lowestoft	Aug 17	22.9 Aug 7	17.0 Jan 30	-1.8 Jan 31
Boxworth	July 18	25.7 Aug 7	15.7 Jan 30	-1.7 Jan 31
Mepal	July 18	25.5 Aug 7	15.4 Jan 30	-1.5 Jan 31, Feb 1
March	Aug 23	24.9 July 22	14.5 Jan 30	-1.3 Jan 31
Cambridge	—	—	—	—
Botanic Gardens	July 18	26.9 July 24, Aug 7	16.0 Jan 30	-1.0 Jan 31
N.I.A.B.	July 18	26.6 Aug 7	16.0 Jan 29,30,31	0.0 Jan 31
Monks Wood	Aug 14	24.5 Aug 7	15.0 Jan 30	-2.0 Jan 31
Wyton	July 18	25.8 Aug 7	16.0 Jan 30	-1.4 Jan 31
Woburn	July 18	24.8 Aug 7	15.2 Jan 30	-1.9 Jan 31
Silsoe	July 18	25.0 Aug 8	16.1 Jan 30	-1.9 Jan 31
Cardington	July 18	26.6 Aug 7	15.7 Jan 30	-1.4 Jan 31
Luton	July 16,17,18	25.0 July 24	15.0 Jan 31	-1.5 Jan 31
Aldenhall School	July 17	26.3 Aug 7	15.6 Jan 30	-1.0 Jan 31
Garston	July 17	26.5 Aug 7	15.4 Jan 30	-1.6 Jan 31
Rothamsted	July 18	25.3 Aug 7	14.9 Jan 30	-2.5 Jan 31
St Albans	July 17	25.9 Aug 7	15.6 Jan 30	-1.8 Jan 31
Letchworth	July 18	26.0 Aug 7	15.6 —	—
Stanstead Abbots	July 17	26.4 July 22	15.2 —	— Jan 31
Hoddesdon	July 17	27.8 Aug 7	16.7 Jan 31	0.0 Jan 31
Little Parndon	July 17	25.8 Aug 7	16.5 Jan 31	-1.5 Jan 31
Harlow	July 20	26.1 July 22	15.0 Jan 31	-0.8 Jan 31
Stansted	July 17	25.4 Aug 7	16.1 Jan 30	-2.1 Jan 31
Writtle	July 17	26.0 July 24	16.0 Jan 30	-2.1 Jan 31
Southeast	July 19	25.6 Aug 7	17.8 Jan 30	-0.1 Jan 31
Maldon	July 19	26.6 Aug 7	17.2 Jan 30	-2.2 Jan 31
Earls Colne	July 19	26.5 Aug 7	16.8 Jan 30	-1.3 Feb 1
Shoeburyness	July 19	24.9 Aug 7	17.6 Jan 30	-1.8 Jan 31
Clacton-on-Sea	July 18	25.0 Aug 7	17.6 Jan 30	-2.6 Jan 31
Walton-on-Naze	July 20	24.7 Aug 7	17.5 —	—
4 MIDLAND COUNTIES	—	—	—	—
Sladburn	July 20	26.4 July 14	14.0 Jan 31	-2.0 Jan 31
Malham Tarn	July 20	24.2 July 22	12.5 Jan 30,31	-3.6 Jan 31
Huddersfield	July 20	25.9 Aug 14	14.8 —	— Jan 31
Huddersfield	—	—	—	—
Oakes	July 20	26.4 Aug 6	14.2 Jan 30	-1.8 Jan 31
Bradford	July 20	25.7 July 23	14.0 Jan 30	-1.6 Jan 31
Ilkley	July 20	27.0 July 20,23	14.0 Jan 31	-0.5 Jan 31
Sheffield	July 20	26.1 Aug 14	15.0 Jan 31	-0.7 —
Pontefract	July 20	24.8 July 23	15.7 Jan 30	-1.3 Jan 31
Bramham	July 20	24.7 July 19	14.6 Jan 30	-1.9 Jan 31
Cawood	July 20	25.5 Aug 6	14.7 Jan 31	0.0 Jan 31
Askham Bryan	July 20	25.4 July 23	14.0 Jan 31	-0.3 Jan 31
Buxton	July 20	24.0 July 15	13.6 Jan 31	-2.9 Jan 31
Mackworth	July 14	25.4 July 19	14.0 Jan 30	-2.3 Jan 31
Ashover	July 20	25.6 Aug 7	13.7 Jan 31	-1.8 Jan 31
Derby	July 20	26.4 July 16, Aug 6,7	14.3 Jan 31	-0.6 Jan 31
Morley	Aug 14	25.5 —	— Jan 30	-2.0 Jan 31
Wingerworth	July 20	25.5 Aug 7	14.0 Jan 31	-1.4 Jan 31
Sutton Bonington	July 20	24.7 Aug 6	14.4 Jan 30	-1.3 Jan 31
Watnall	July 20	25.0 July 22, Aug 7	14.0 Jan 30	-1.8 Jan 31
Mansfield	—	— Aug 7	14.5 —	— Jan 31
Nottingham	July 20	24.6 July 23, Aug 7	14.9 Jan 30	-1.1 Jan 31
Warsop	July 20	25.7 July 19	15.7 Jan 30	-1.5 Jan 31
Newtown Linford	July 20	25.0 Aug 7	13.5 Jan 30	-1.1 Jan 31
Caldecott	Aug 23	24.7 Aug 7	14.8 Jan 30	-2.3 Jan 31
Bugbrooke Mills	July 18,22	24.6 July 22	14.4 Jan 30,31	-0.5 Jan 31
Raunds	July 13	24.5 July 20	15.0 Jan 30	-1.9 Jan 31
Birmingham	—	—	—	—
K.E.S.	July 20	24.9 July 23	15.2 Jan 31	-0.6 Jan 31
Edgbaston	July 20	25.2 Aug 14	15.8 Jan 30	-2.0 Jan 31
Ludington	Aug 25	25.2 July 23	14.5 Jan 30	-1.4 Jan 31
Stratford-on-Avon	July 18,20	25.2 July 22	14.5 Jan 30	-1.2 Jan 31
Shipston-on-Stour	July 18	24.0 July 22	14.4 Jan 30	-2.4 Jan 31
Eimdon	July 20	24.9 July 22, Aug 20	14.0 Jan 30	-1.2 Jan 31
Wellesbourne	July 18,20	25.2 Aug 8	14.5 Jan 30	-2.9 Jan 31
Moreton Morrell	July 18,20	24.6 July 22, Aug 8	14.2 Jan 30,31	-0.2 Feb 1
Rugby	July 20	24.4 July 24	14.3 Jan 30,31	-1.9 Jan 31
Brize Norton	July 17	25.2 July 22	15.3 Jan 30	-1.9 Jan 31
Oxford	July 23	25.1 July 22	15.1 Jan 30	-1.6 Jan 31
Shirburn Model Farm	July 18	25.4 July 22	15.2 Jan 30	-2.3 Jan 31
Medmenham	July 17	25.8 Aug 6	16.1 Jan 30	-0.8 Jan 31
Grendon Underwood	July 18	25.0 Aug 7	14.2 Jan 30	-2.0 Jan 31
Aylesbury	July 18	25.4 Aug 7	15.1 Jan 30	-0.2 Jan 31
Keele	July 20	26.0 July 14	14.2 Jan 31	-1.9 Jan 31
Oaken	July 20	26.3 Aug 14	13.6 Jan 30	-0.6 Jan 31
Stone	July 20	25.8 Aug 6	14.2 Jan 31	-1.2 Jan 31
Penkridge	July 20	25.6 July 19	13.9 Jan 30	-1.4 Jan 31
Oswestry	July 20	25.5 July 20	15.1 Jan 30	-1.6 Jan 31
Shrewsbury	July 20	26.1 Aug 6	15.2 Jan 30	-1.4 Jan 31
Shawbury	July 20	26.4 Aug 6	15.2 Jan 30	-0.6 Jan 31
Newport	July 20	26.6 Aug 6	14.3 Jan 30,31	-0.5 Jan 31
Malvern	July 18	26.0 July 23	15.6 Jan 30	-1.5 Jan 31
Pershore Coll. of Hort.	July 18	26.3 July 22	14.1 Jan 31	0.7 Jan 31
Pershore	July 18	27.7 July 22	14.9 Jan 30	-1.1 Jan 31
Ipsley Swge Wks	July 20	25.4 July 22	14.7 Jan 30	-1.1 Jan 31

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
4 MIDLAND COUNTIES -	°C	°C	°C	°C
Hereford Swge Wks	July 18	25.7 July 21	15.8 Jan 30	-1.1 Jan 31
Lyonsall	July 18	25.2 July 21	15.2 Jan 30	-2.5 Jan 31
Ross-on-Wye	July 17	25.5 July 21	15.6 Jan 30	-1.6 Jan 31
Preston Wynne	July 15	25.3 July 21	14.5 Jan 30	-0.5 —
Filton	July 17	25.9 July 21	16.6 Jan 30	-1.0 Jan 31
Hempsted	July 17	26.0 July 21	15.6 Jan 29	-1.7 Jan 31
Gloucester	July 17	26.2 Aug 6	17.1 Jan 30	-1.1 Jan 31
Cheltenham	July 17	25.5 July 21	15.3 Jan 30	-4.1 Jan 31
Cirencester	July 17	24.3 July 22	14.9 Jan 30	-2.1 Jan 31
Little Rissington	July 17	23.0 Aug 14	15.2 Jan 30	-3.3 Jan 31
5 ENGLAND SE	—	—	—	—
Kensington Palace	July 18	27.3 July 24, Aug 7	16.6 Jan 30	-1.1 —
Hampstead	July 13	25.7 Aug 7	15.3 Jan 30,31	-0.5 Jan 31
St James Park	July 17	27.6 July 24	17.5 Jan 30	-1.2 Jan 31
Greenwich	July 17	27.0 July 23,24	16.5 Jan 31	0.6 Jan 31
Heathrow	July 17	27.7 July 21	17.2 Jan 30	-1.0 Jan 31
Hampton	July 17	27.2 Aug 7	16.6 Jan 30	-1.5 Jan 31
Southgate	July 17	26.7 Aug 7	16.4 Jan 30	-1.4 Jan 31
Kew	—	—	—	—
psychrometer	July 17	27.0 July 21	17.0 Jan 30	-1.7 Jan 31
screen	July 17	26.5 July 21	17.1 Jan 30	-1.3 Jan 31
Waddon	July 17	26.0 July 21	16.5 Jan 30	-2.0 Jan 31
Addington	July 17	26.3 Aug 7	15.6 Jan 30	-2.5 Jan 31
Bromley	Aug 24	27.0 July 21,22	16.0 Jan 30	-1.0 Jan 31
Gatwick	July 18	25.8 July 21	16.9 Jan 30	-0.8 Jan 31
Wisley	July 17	27.2 July 21	16.4 Jan 30	0.6 Jan 31
Mickleham	July 17	26.2 July 21,22	16.0 Jan 30	-0.4 Jan 31
Hadlow College	July 13	24.8 Aug 7	16.8 Jan 31	0.3 Jan 31
Gillingham	July 13,19	25.4 Aug 7	17.6 Jan 30	-1.4 Jan 31
Peckham	July 13,19	23.9 July 21	17.1 Jan 31	-1.2 Jan 31
Dungersess	July 17	25.0 July 17	16.5 Jan 30	-1.0 Jan 31
Whitstable	July 6	23.2 Aug 7	17.0 Jan 30	-1.0 Jan 31
Folkestone	July 19	23.2 Aug 7	16.7 Jan 30	-2.5 Jan 31
Herne Bay	Aug 6	23.2 July 25, Aug 7	16.0 Jan 30	-0.5 Jan 31
Dover	July 19	23.7 Aug 7	16.5 Jan 30	-2.1 Jan 31
Manston	Aug 6	23.7 July 22	16.7 Jan 30	-1.8 Jan 31
Margate	Aug 6	23.3 Aug 7	17.2 Jan 30	-1.5 Jan 31
Goudhurst	July 19	23.7 July 22	16.7 Jan 30	-1.9 Jan 31
East Malling	July 13,19	24.6 Aug 17	16.8 Jan 30	-0.7 Jan 31
Thornley	July 14	23.3 Aug 7	15.7 Jan 30	-1.9 Jan 31
Faversham	July 13	23.5 Aug 7	16.9 Jan 30	-2.1 Jan 31
Wye	July 13	22.5 July 21, Aug 7	16.0 Jan 30	-1.5 Jan 31
Thornley Island	July 17	27.3 July 22	16.5 Jan 30	-1.0 Jan 31
Rogate	July 17	26.6 July 22	16.0 (Jan 30)	-1.0 Jan 31
Bognor Regis	July 17	27.3 July 22	16.1 Jan 30	-1.3 Jan 31
Fernhurst	July 17	27.1 July 21	16.2 Jan 30	-2.3 Jan 31
Littlehampton	July 17	26.6 July 21	16.6 Jan 30	-0.7 Jan 31
North Heath	July 17	26.4 July 21,22	16.5 Jan 31	-3.2 Jan 31
Worthing	July 17	26.2 July 20,21	16.7 Jan 31	-1.2 Jan 31
Brighton	July 14	24.5 July 19	17.2 Jan 30	-3.2 Jan 31
Wakehurst Place	July 18	24.2 July 22	16.2 Jan 30	-2.5 Jan 31
East Hoathly	July 16,19	24.6 July 19	16.5 Jan 29	0.5 Jan 31
Eastbourne	July 16	25.5 July 17,18,20	16.8 Jan 30	-1.0 Jan 31
Eastbourne	—	—	—	—
Coastguard	July 16	25.3 July 19,20, Aug 7	16.7 —	—
Bexhill	July 18	24.2 July 19	17.0 Jan 30	-1.0 Jan 31
Bodiam	July 24	24.8 July 22	16.7 Jan 30	0.3 Jan 31
Hastings	July 16,18	24.0 July 21	16.5 Jan 30	-1.0 Jan 31
Letcombe Regis	—	— July 21	14.9 Jan 30	-1.1 Jan 31
Abingdon	July 18	25.6 July 21	15.2 Jan 30	-1.4 Jan 31
Wallingford	July 18	25.0 July 18,21	14.8 Jan 30	-2.0 Jan 31
Shinfield	July 17	27.0 July 21,22	15.5 Jan 30	-1.0 Jan 31
Reading	July 17	26.3 July 22	15.4 Jan 30	-1.3 Jan 31
Finchampstead	July 17	26.5 July 22	15.5 Jan 31	-1.0 Jan 31
Hurley	July 17	26.1 July 22, Aug 7	15.5 Jan 30	-1.5 Jan 31
Easthampstead	July 17	27.1 July 22	15.4 Jan 30	-1.6 Jan 31
Bournemouth	July 17	26.0 July 21	15.8 Jan 31	-0.2 Jan 31
Hurn	July 17	26.8 July 22	16.6 Jan 30	-1.0 Jan 31
Christchurch	July 17	26.2 July 19,22	16.0 Jan 30	-0.2 Jan 31
Everton	July 17	27.2 July 22	16.1 Jan 30	-0.2 Jan 31
Southampton	July 17	28.5 July 22	16.9 Jan 30	-0.2 Jan 31
Leckford	July 17	25.8 July 22	15.5 Jan 30	-0.7 Jan 31
Winchester	July 17	25.5 July 23	16.0 Jan 30	-1.5 Jan 31
Martyr Worthy	July 17	26.6 July 21	15.9 Jan 29	1.3 Jan 31
Southsea	July 17	27.5 July 22	16.7 Jan 30	-0.6 Jan 31
Hayling Island	July 16,17	26.6 July 19	17.2 Jan 30	-1.0 Jan 31
Long Sutton	July 17	25.6 July 21,22	15.2 Jan 30	-0.7 Jan 31
Alice Holt Lodge	July 17	26.0 July 21,22	15.6 Jan 29	-0.3 Jan 31
South Farnborough	July 17	26.9 July 21,22	16.0 Jan 30	-1.3 Jan 31
St Catherine's	—	—	—	—
Point	July 16	26.5 July 17	16.2 Jan 30	1.0 Jan 31
Ventnor	July 16	25.4 July 19,20	16.0 Jan 30	-0.5 Jan 31
Shanklin	July 16	25.4 July 21	16.5 Jan 31	-0.4 Jan 31
Sandown	July 16	26.7 July 21	16.7 Jan 30	0.8 Jan 31
Ryde	Aug 24	23.6 July 17,19,21	15.4 Jan 30	-0.9 Jan 31
Lacock	July 14,17	24.5 July 21	15.7 Jan 30	-1.5 Jan 31
Lynnham	July 17	24.1 July 21	15.2 Jan 30	-1.5 Jan 31
Larkhill	July 17	25.0 July 21	15.6 Jan 30	-1.6 Jan 31
BoscombeDown	July 17	25.4 July 21	16.2 Jan 30	-1.3 Jan 31
Upavon	Aug 20	24.3 July 21	16.8 Jan 30	-2.2 Jan 31
Porton	July 17	25.4 July 22	15.4 Jan 30	-1.6 Jan 31
7a ENGLAND NW	—	—	—	—
Sellafeld	July 15,19	26.2 July 25	14.6 Jan 30,31	0.6 Jan 31
Bromfield	July 17	25.7 July 22	14.0 Jan 30	0.3 Jan 31
Carlisle	July 20	28.2 July 22,23, Aug 17	14.4 Jan 31	-2.1 Jan 31
Newton Rigg	July 20	27.0 July 31	14.1 Jan 30	-2.3 Jan 31
Spadeadam	July 20	25.7 July 29	14.7 Jan 30	-3.0 Jan 31
Great Dun Fell	—	—	— Jan 31	-7.5 Jan 31
Moor House	July 20	23.9 July 25	10.6 Jan 30	-5.4 Jan 31
Squires Gate	July 17	26.1 July 14	15.8 Jan 31	-0.7 Jan 31
Aigburth	July 18	25.8 July 15	15.4 Jan 31	0.0 Jan 31
Southport	July 18	25.1 July 14	14.7 Jan 30	-0.6 Jan 31
Cartmel	July 20	26.9 July 21	14.1 Jan 30	-0



**Table 11** Number of days on which the duration of sunshine was between given limits in each month of 1972

Station	January					February					March					April					May					June				
	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr
Lerwick	21	9	1	0	0	14	9	4	2	0	9	14	3	4	1	5	12	4	5	4	6	11	6	5	3	3	9	7	4	7
Stornoway	11	15	5	0	0	9	10	8	2	0	5	9	9	5	3	2	10	10	5	3	1	8	14	4	4	4	9	5	5	7
Craibstone	17	9	5	0	0	17	8	0	4	0	3	13	8	6	1	2	10	8	5	5	5	9	7	6	4	1	7	9	5	8
Rothsay	17	11	3	0	0	11	8	8	2	0	11	8	6	5	1	8	1	10	5	6	—	—	—	—	—	—	—	—	—	—
Abbotsinch	16	11	3	1	0	12	10	6	1	0	4	14	8	4	1	3	6	9	6	6	1	14	6	8	2	0	10	6	6	8
Eskdalemuir	14	13	4	0	0	12	13	4	0	0	5	14	7	4	1	4	8	9	7	2	5	8	11	4	3	1	8	7	12	2
Douglas	19	4	6	2	0	13	5	6	5	0	6	10	5	8	2	3	4	9	7	7	1	8	7	9	6	5	5	2	9	9
Acklington	16	10	2	3	0	15	8	3	3	0	8	10	3	9	1	1	11	9	5	4	4	7	13	2	5	2	7	8	6	7
Gorleston	17	10	1	3	0	13	8	7	1	0	6	7	3	12	3	3	9	6	6	6	2	5	7	8	9	3	5	5	8	9
Cambridge (NIAB)	16	9	1	5	0	12	11	4	2	0	3	10	3	10	5	5	9	7	4	5	1	2	9	13	6	2	7	4	8	9
Edgbaston	18	6	3	4	0	18	6	3	2	0	6	7	6	9	3	2	13	8	3	4	4	12	5	7	3	4	9	7	7	3
Kew	14	12	2	3	0	12	11	5	1	0	2	7	7	11	4	2	11	8	7	2	1	5	7	11	7	2	8	5	5	10
Hastings	18	8	2	3	0	11	8	6	4	0	2	8	4	9	8	2	10	7	8	3	1	6	6	14	4	5	3	7	4	11
Southampton	15	10	4	2	0	15	8	4	2	0	1	6	11	7	6	0	10	4	12	4	3	6	7	11	4	3	7	7	4	9
Stonyhurst	20	7	2	2	0	16	10	2	1	0	9	7	5	7	3	1	12	10	4	3	0	12	13	4	2	4	8	7	10	1
Rhyl	17	6	4	4	0	12	10	4	3	0	3	11	6	7	4	0	10	8	10	2	0	11	9	6	5	2	9	11	3	5
Valley	9	12	7	3	0	7	11	5	6	0	3	10	8	7	3	1	6	9	8	6	2	7	4	10	8	3	5	4	8	10
Falmouth	12	13	4	2	0	8	12	5	4	0	3	9	10	4	5	1	4	9	10	6	5	5	4	8	9	6	8	5	4	7
Aldergrove	18	7	5	1	0	8	10	7	4	0	4	9	11	6	1	1	8	10	5	6	2	6	13	4	6	1	7	7	9	6
Armagh	14	10	7	0	0	6	12	7	4	0	4	10	10	6	1	2	13	6	4	5	1	11	12	4	3	1	10	8	8	3

Station	July					August					September					October					November					December				
	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr	Sunless	0.1 — 3.0 hr	3.1 — 6.0 hr	6.1 — 9.0 hr	> 9.0 hr
Lerwick	1	13	6	5	6	6	10	4	5	6	2	18	5	5	0	8	14	7	1	1	8	16	6	0	0	17	14	0	0	0
Stornoway	3	8	7	8	5	4	14	7	5	1	5	13	4	6	2	7	14	5	4	1	7	16	7	0	0	20	10	1	0	0
Craibstone	5	3	4	3	16	4	8	9	2	8	5	8	11	4	2	5	12	7	5	2	4	16	6	4	0	12	8	11	0	0
Rothsay	5	6	5	3	12	0	13	6	6	6	2	8	5	11	4	5	11	9	5	1	12	10	6	2	0	16	8	7	0	0
Abbotsinch	3	8	6	5	9	1	9	7	5	9	1	11	6	8	4	5	11	11	4	0	9	11	7	3	0	17	14	0	0	0
Eskdalemuir	2	10	4	6	9	1	12	5	7	6	3	11	6	7	3	7	9	7	6	2	11	10	7	2	0	19	11	1	0	0
Douglas	3	8	6	5	9	3	6	5	7	10	2	10	6	8	4	8	6	8	9	0	14	5	7	4	0	19	7	5	0	0
Acklington	3	6	7	5	10	3	8	5	7	8	6	9	6	4	5	3	12	12	4	0	8	9	10	3	0	13	12	5	1	0
Gorleston	3	12	6	2	8	1	5	7	10	8	7	5	11	6	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cambridge (NIAB)	3	9	8	3	8	1	7	8	7	8	6	6	8	9	1	9	7	6	9	0	8	9	7	6	0	16	7	6	2	0
Edgbaston	2	12	5	6	6	3	8	7	7	6	3	13	6	8	0	8	12	4	6	1	9	8	8	5	0	17	8	5	1	0
Kew	3	8	9	4	7	0	8	5	8	10	5	8	6	11	0	5	11	3	8	4	8	10	6	6	0	10	12	7	2	0
Hastings	5	6	6	6	8	0	7	8	5	11	5	3	10	7	5	8	6	4	10	3	9	8	3	10	0	12	9	5	5	0
Southampton	5	7	2	7	10	1	5	6	7	12	3	6	10	6	5	7	10	3	6	5	6	12	5	7	0	10	11	8	2	0
Stonyhurst	—	—	—	—	—	0	9	8	9	5	1	10	10	7	2	5	15	5	6	0	12	10	6	2	0	15	10	6	0	0
Rhyl	4	11	2	2	12	2	9	8	6	6	3	9	5	9	4	11	11	1	6	2	7	15	7	1	0	15	14	2	0	0
Valley	2	12	0	5	12	1	8	5	9	8	1	5	9	6	9	3	12	8	5	3	13	5	9	3	0	17	8	6	0	0
Falmouth	6	5	3	7	10	1	5	9	4	12	1	4	7	6	12	6	11	6	8	0	10	6	8	6	0	12	15	2	2	0
Aldergrove	4	8	6	5	8	1	16	8	5	1	0	10	8	7	5	5	12	7	7	0	15	5	7	3	0	9	14	7	1	0
Armagh	5	12	4	2	8	1	17	7	3	3	1	12	9	5	3	8	11	8	4	0	12	10	5	3	0	8	17	6	0	0



**Table 12 Number of days with rainfall between given limits during 1972**

Station	0 — 0.1 mm	0.2 — 1.0 mm	1.1 — 5.0 mm	5.1 — 10.0 mm	10.1 — 15.0 mm	15.1 — 20.0 mm	20.1 — 25.1 mm	> 25.1 mm	Station	0 — 0.1 mm	0.2 — 1.0 mm	1.1 — 5.0 mm	5.1 — 10.0 mm	10.1 — 15.0 mm	15.1 — 20.0 mm	20.1 — 25.1 mm	> 25.1 mm
Lerwick	117	80	91	49	18	6	4	1	Shoeburyness	225	60	63	12	4	1	1	0
Stornoway	126	65	110	44	18	3	0	0	Edgbaston	182	57	75	33	12	4	2	1
Nairn	214	69	66	12	3	2	0	0	Ross-on-Wye	201	47	73	30	8	2	3	2
Craibstone	180	76	76	21	6	5	2	0	Kew	215	58	67	21	5	0	0	0
Leuchars	194	64	73	25	6	3	1	0	Hastings	192	60	69	39	6	0	0	0
Rothsay	149	43	82	51	27	9	4	1	Southampton	206	39	68	33	12	8	0	0
Abbotsinch	173	52	85	41	7	4	3	1	Moor House	137	49	82	35	24	17	5	17
Eskdalemuir	149	51	77	39	27	12	3	8	Stonyhurst	183	35	75	37	16	10	7	3
Douglas	178	52	69	33	18	8	6	2	Rhyl	201	56	74	25	4	3	3	0
Acklington	183	65	81	33	1	1	2	0	Valley	177	66	71	30	10	5	6	1
Bridlington	178	78	80	22	5	0	0	3	Llandrindod Wells	164	44	80	48	16	8	2	4
Cranwell	190	75	66	22	10	2	0	1	Long Ashton	186	43	78	39	9	8	0	3
Gorleston	—	—	—	—	—	—	—	—	Falmouth	178	25	82	43	17	13	4	4
Cambridge BG	232	44	69	19	1	0	0	1	Aldergrove	154	63	99	34	9	6	1	0
									Armagh	159	62	86	39	17	1	2	0

**Corrections and Additions**

September 69 Table II

Dounreay (Caithness). Highest Gust

Speed in knots — greater than (&gt;) 97

Introduction 71

The table on p.(vii) for Aldergrove (Northern Ireland) should read T—S

Summary 71

p.244 Temperature Table 2

Jan. min. —12.8

April 72

**Miscellaneous Phenomena**

The aurora was seen by observers in Scotland on 13 nights.

Rainfall % for the following stations

Station	Year	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
Culdrose (Cornwall)	1971	157	47	122	63	100	200	75	128	47	44	141	38	95
Culdrose (Cornwall)	1972	130	223	100	61	172	252	59	60	62				
Neath (Glamorgan)	1972	90	143	126	131	184	199	50	67	56				
Porthcawl (Glamorgan)	1972	87	128	127	118	153	177	41	57	53				
<b>Sunshine %</b>														
Boscombe Down (Wilts)	1971	58	96	89	90	114	73	152	80	144	128	173	65	105
Boscombe Down (Wilts)	1972	70	48	126	99	80	83	98	117	110				

**Table 1 Corrections**

Jan 72 District 3. England E. 30cm Earth Temp. 1.1

July 72 District 4. Midland Counties % Sunshine 84

**Table 2 Additions and corrections**

Station	total radiation on a horizontal surface (milliwatt-hours per square centimetre)						diffuse radiation on a horizontal surface (milliwatt-hours per square centimetre)						total illumination on a horizontal surface (kilolux-hours)					
	max.	date	min.	date	daily mean	no. of days	max.	date	min.	date	daily mean	no. of days	max.	date	min.	date	daily mean	no. of days
Jan 72 Easthampstead	126	30,31	14	8,15	46.3	31	86	31	8	1	42.0	31	—	—	—	—	—	—
Aldergrove	226	14	34	11,20	96.7	29	125	27,31	12	15	32.3	31	—	—	—	—	—	—
Feb 72 Cardington	226	14	34	11,20	96.7	29	125	16,28	28	20	65.0	29	—	—	—	—	—	—
Easthampstead	226	14	34	11,20	96.7	29	140	25	23	20	63.0	29	—	—	—	—	—	—
Mar 72 Kew	431	29	47	5,11	269.7	31	204	25	44	11	136.0	31	532	29	67	11	338.1	31
Easthampstead	472	24	37	11	270.8	31	207	25	36	11	138.0	31	539	24	47	11	310.4	31
Apr 72 Cardington	679	25	113	14	328.4	30	294	22	93	14	201.3	30	—	—	—	—	—	—
May 72 Lerwick	698	25	81	7	365.2	31	405	19	83	7	252.0	31	907	25	116	7	478.6	31
Eskdalemuir	626	23	155	24	360.8	31	449	15	149	24	263.3	31	718	16	200	24	419.0	31
Cardington	604	23	60	5	424.8	31	321	29	63	5	265.6	31	—	—	—	—	—	—
Kew	670	1	88	5	444.0	31	346	29	84	5	272.5	31	843	1	120	5	545.5	31
Easthampstead	662	3	108	5	438.0	31	374	19	100	5	281.5	31	766	3	135	5	511.4	31
June 72 Lerwick	843	29	86	8	481.8	30	429	15	86	8	216.0	30	—	—	—	—	—	—
Eskdalemuir	647	16	162	2,17	436.4	30	404	13	152	17	287.0	30	702	1	182	2	361.7	30
Cardington	707	28	141	18	486.1	30	363	25	135	18	289.6	30	—	—	—	—	—	—
Kew	709	30	81	18	450.0	30	377	11	66	18	281.0	30	862	6	155	18	559.0	30
Aldergrove	699	9	179	23	468.0	30	416	25	174	23	304.3	30	—	—	—	—	—	—
July 72 Lerwick	751	27	195	22	463.1	31	411	13	110	27	296.2	31	1026	27	266	22	616.7	31
Eskdalemuir	728	15	109	21	427.1	31	336	14	102	21	253.3	31	—	—	—	—	—	—
Cardington	739	15	136	7	377.9	31	332	30	132	7	241.3	31	913	15	208	7	506.8	31
London W.C.	730	12	152	9	393.0	31	351	6	148	9	259.7	31	893	12	219	9	497.9	31
Kew	786	15	122	20	442.5	31	401	1	114	20	270.5	31	906	15	151	20	516.0	31
Easthampstead	787	5	123	7	486.6	31	391	11	120	7	276.4	31	—	—	—	—	—	—
Aberporth	776	18	64	22	442.0	31	375	11	65	22	264.5	31	—	—	—	—	—	—
Aldergrove	435	11	51	18	253.3	30	253	7	52	18	157.1	30	581	11	84	18	330.9	30
Sept 72 Kew	249	6	22	27	99.6	31	134	1	22	25	70.5	31	297	6	27	27	121.9	31
Oct 72 Lerwick	249	6	22	27	99.6	31	134	1	22	25	70.5	31	297	6	27	27	121.9	31



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