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THE METEOROLOGICAL OFFICE

**MONTHLY
WEATHER
REPORT**

VOLUME 88

1971

LONDON

HER MAJESTY'S STATIONERY OFFICE 1972

Climatological District Map

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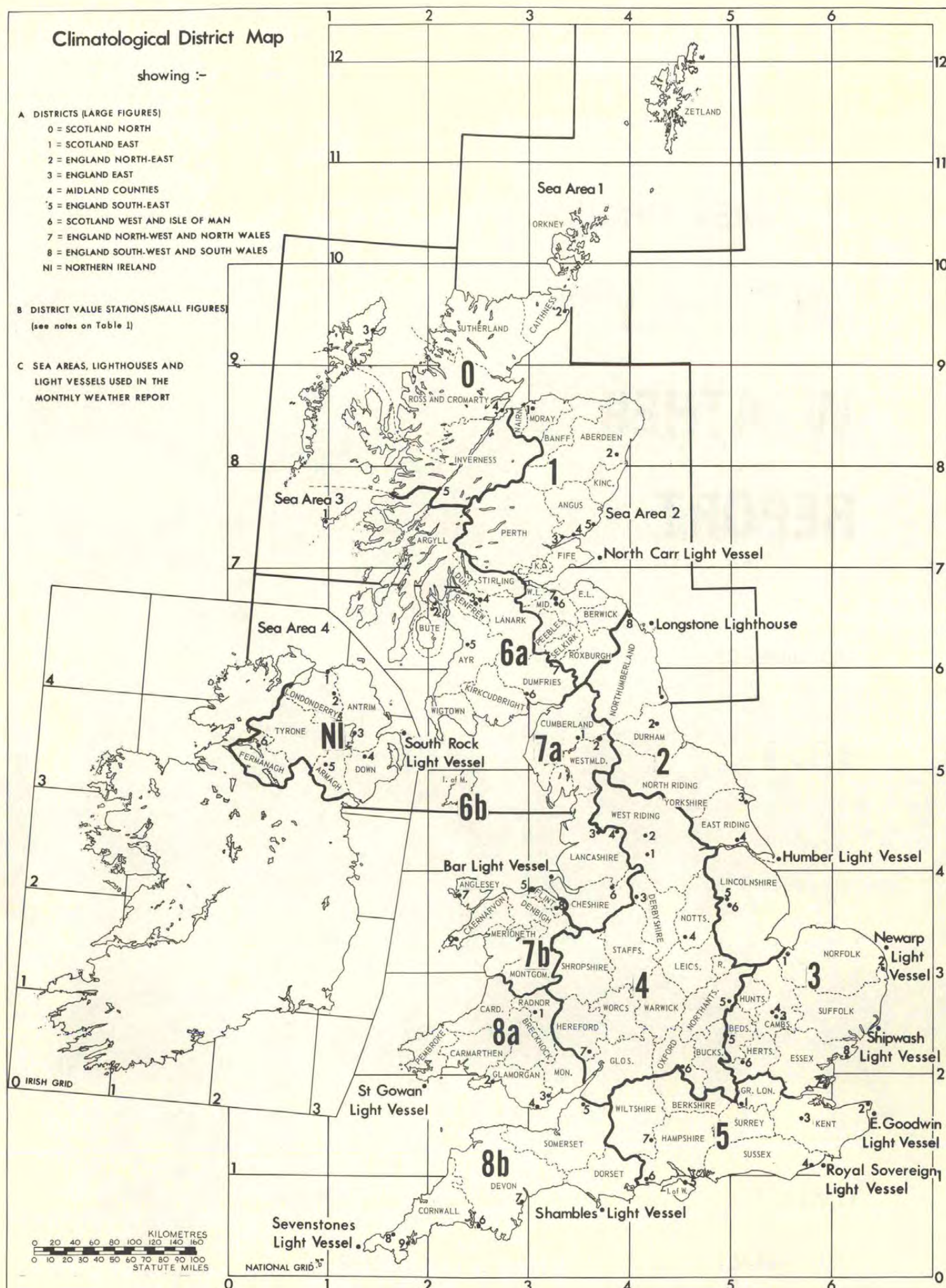
A DISTRICTS (LARGE FIGURES)

- 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 AND LIGHT VESSELS USED IN THE MONTHLY WEATHER REPORT



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Introduction

The *Monthly Weather Report* summarizes weather observations made at about 630 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 is bridged for synoptic stations by a supplement to the *Daily Weather Report* and for other stations by tables in *Observations at Stations of the Second Order*. Data on radiation relating to the period 1911–21 were published in the *British Meteorological and Magnetic Year Book*, Part 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 resumé 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.

Revision of the Monthly Weather Report in 1971

The Introduction to the 1970 volume gave advance notice of changes to be made in the *Monthly Weather Report* in 1971. Details of these changes in so far as they affect the tables are given below in the notes on the individual tables. Briefly, the 1971 *Monthly Weather Report* was given a more contemporary appearance with a new layout of the textual matter using a modern type face. Certain tables were re-numbered (in ordinary instead of Roman numerals) so that the six tables common to each monthly part and to the summary for the year appeared in sequence 1 to 6 and the additional tables in the summary for the year followed from 7 to 12. The district percentage of average rainfall in Table 1 was computed from data from a larger number of stations than the five used hitherto in order to obtain a more representative areal value. Observations of earth temperature at 122 cm ceased and observations at 100 cm commenced; this necessitated the abandonment of the anomaly at 122 cm in Table 1 (with no substitution of 100 cm because no true averages yet exist) and the replacement of the temperature at 122 cm in Table 3 by that at 100 cm. In Table 4 the cloud column heading '9' became 'sky obscured', an abbreviation for the phrase 'sky obscured or cloud amount cannot be estimated'. The criteria for publishing data from anemographs were revised.

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

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 raingauge 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.

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, each monthly part of the *Monthly Weather Report*, together with the Annual Summary, has 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 (formerly Table I) 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 I. 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.

The district values for air temperature, earth temperature, rain-days and sunshine are computed from the 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. From 1971 the percentages of average rainfall

in each of the Districts 0 to 8 are the means of the corresponding values for a larger number of stations than the District Value Stations used hitherto. The change was made in order to obtain a more representative areal average, and the number of stations used varies among the districts from 13 in District 3 to 29 in District 4; 30 stations continue to be used 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 introduction from 1 January 1971 of readings of earth temperature at a depth of 100 cm in place of 122 cm and the absence of true averages of earth temperature at 100 cm meant that only district values for earth temperature at 30 cm are published. 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. 0.735); *Averages of bright sunshine for Great Britain and Northern Ireland, 1931-60* (Met. 0.743); *Averages of earth temperature at depths of 30 cm and 122 cm for the United Kingdom, 1931-60* (Met. 0.794). Averages of rainfall, referring to 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 (0.2 mm or more of precipitation in the 24 hours commencing at 09h) also referring to the period 1916-50 may be obtained on request. Stations used for computing district values of temperature and rain-days are marked in Table 3 by the symbol ¶, those used for sunshine by the symbol §, and those used for earth temperature by the symbol ‡.

District 0		District 3		District 7	
1 Lerwick	Tr - S	1 Terrington St Clement	Tr - S	1 Newton Rigg	Tr - S
2 Wick	Tr - S	2 Gorleston	Tr E S	2 Moor House	- E -
3 Stornoway	Tr - S	3 Cambridge B G	Tr E -	3 Stonyhurst	Tr - S
4 Fortrose	Tr - S	4 Cambridge N I A B	- - S	4 Nelson	- E -
5 Onich	Tr - S	5 Woburn	- E -	5 Rhyl*	Tr - S
District 1		6 Rothamsted	Tr E S	6 Ringway	Tr - S
1 Forres	Tr E S	7 Shoeburyness	Tr - S	7 Valley	Tr - S
2 Craibstone	Tr E S	8 Clacton-on-Sea	- E -	8 Loggerheads	- E -
3 Mylnfield	- E -	District 4		9 Botwnnog	- E -
4 Dundee	Tr - -	1 Huddersfield	- - S	District 8	
5 Arbroath	- - S	2 Bradford	Tr E -	1 Llandrindod Wells	Tr - S
6 Bush House	- E -	3 Buxton	- E -	2 Swansea	- E -
7 Edinburgh, Blackford Hill	Tr - S	4 Nottingham	Tr - S	3 Cardiff	Tr E -
8 Berwick-on-Tweed	Tr - S	5 Raunds	Tr E S	4 Rhoose	- - S
District 6		6 Oxford	Tr E S	5 Long Ashton	Tr - S
1 Tiree	Tr - S	7 Ross-on-Wye	Tr E S	6 Plymouth Hoe	- E -
2 Rothesay	Tr - S	District 5		7 Teignmouth	Tr - S
3 Paisley	- E -	1 Kew	Tr E S	8 Rosewarne	- E -
4 Abbotsinch	Tr - S	2 Margate	- E -	9 Falmouth	Tr - S
5 Auchincruive	- E -	3 East Malling	Tr - S	Northern Ireland	
6 Dumfries	Tr E S	4 Hastings	Tr E S	1 Coleraine University†	- - S
7 Eskdalemuir	Tr E S	5 Ryde	Tr - S	2 Moneydig	T - -
District 2		6 Bournemouth	- E -	3 Aldergrove	T - S
1 Tynemouth	Tr - S	7 Porton	Tr E S	4 Hillsborough	- - S
2 Durham	Tr E S	The stations are numbered in order to show their positions on the map on page (ii). T = air temperature r = rain-days E = earth temperature at 30 cm S = sunshine			
3 Bridlington	Tr - S				
4 Hull	Tr E S				
5 Lincoln	Tr E -				
6 Waddington	- - S				

*Rhyl replaced Bidston with effect from August.

†Sunshine averages for Coleraine University have been estimated from maps and are 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

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

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 (formerly Table XIII) 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 (formerly Table III) 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 on the elements summarized now follow.

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 (earth temperature readings at 100 cm replaced readings at 122 cm on 1 January 1971). 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 was 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 was 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 with 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 stations equipped with wind instruments) 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 (formerly Table IV) 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/m² (1000 dynes/cm²). 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. 0.265), based on a formula by Regnault, issued by the Meteorological Office and published by Her Majesty's Stationery Office. At most stations the daily values of vapour pressure and relative humidity are found and the monthly means computed therefrom. At two stations, indicated by an asterisk against the station name, the monthly means of vapour pressure and relative humidity are calculated from the monthly means of the dry-bulb and wet-bulb temperatures.

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 (formerly Table VIII) 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.

Table 6 (formerly Tables II and IX) 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 with 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.

With effect from 1971 amended criteria have applied to the publication of data in Table 6 and these are given below.

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 an areal 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 (formerly Table X) 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 (formerly Table XII) 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 (formerly Table XI) 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 (formerly Table V) 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 I, 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 (formerly Table VI) 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 (formerly Table VII) 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

Together with the changes listed in 1970, the following amendments will bring up to date the full list of stations completing climatological returns published in 1969.

Deletions

Returns from Amersham ceased in 1968 and from Bletchley, Coryton, Onecote, Urswick and Worcester they ceased in late 1969. Returns from the following stations ceased near the end of 1970:

Achany	Ballyhalbert	Moffat
Portrush Golf Club	Redcar	Regents Park
Rotherham	Rustington	Whitby

Returns from the following stations ceased during 1971:

Achentoul	Ambleside	Ballykelly
Bidston	Bracknell	Brawdy
Church Stretton	Clee Hill	Davidsons Mains
Deal	Fowlis Wester	Glen Torridon
Mertoun	Penketh	St Marys Isle
Salcombe	Tollymore Park	Weston-super-Mare

The entry Bracknell [Easthampstead] and the letter A against Trawsfynydd should be deleted.

Additions

In 1971 the agricultural meteorological station at Mylnefield also became an anemograph station and the letter A should be added in the column headed 'type'. The following stations should be included in the full list of stations:

Station (County)	Type	First Published	Lat.	Long.	National Grid	Authority
Returns commenced during 1969						
Coleraine University (Londonderry)	AgA	1971	55 09N	06 41W	IC(24)—843349	The New University of Ulster
Hampton Loade (Shropshire)	C	Not publ.	52 29N	02 22W	32—752869	Severn River Authority
Tandragee [Ballylisk] (Armagh)	C	1971	54 22N	06 26W	IJ(33)—023478	Electricity Board, N.I.
Traad Point (Londonderry)	C	1971	54 43N	06 31W	IH(23)—957872	The New University of Ulster
Returns commenced during 1970						
Belfast Rosebank (Down)	C	1971	54 35N	05 52W	IJ(33)—379718	Electricity Board, N.I.
Coolkeeragh (Londonderry)	C	1971	55 03N	07 15W	IC(24)—479220	Electricity Board, N.I.
Girdstingwood (Kirkcudbright)	Sun	1971	54 43N	03 57W	25—742469	Officer Commanding King Barracks
Lisburn (Antrim)	C	Not publ.	54 31N	06 02W	IJ(33)—267649	Headmaster, Lisburn Friends School
Stonehaven (Kincardine)	C	1909	56 58N	02 13W	37—875864	Town Clerk
Returns commenced during 1971						
Arrochymore (Dunbarton)	C	Not publ.	56 06N	04 33W	26—415919	Clyde River Purification Board
Auchen Castle (Dumfries)	C	Not publ.	55 20N	03 30W	36—050060	S.W. Forestry Commission
Ballywalter Park (Down)	Sun	1971	54 32N	05 30W	IJ(33)—623681	Lord Dunleath
Blackburn Sewage Works (W. Lothian)	C	Not publ.	55 53N	03 35W	36—005653	Lothians River Authority
Contin (Ross & Cromarty)	C	Not publ.	57 34N	04 35W	28—454568	Chief Forester
Dunstaffnage (Argyll)	CA	Not publ.	56 27N	05 26W	17—881340	Scottish Marine Biological Assoc.
Easthampstead (Berkshire)	C	1971	51 23N	00 47W	41—846665	Meteorological Office
Finsbay (Inverness)	C	Not publ.	57 47N	06 55W	18—073872	Mr W. Leonard
Glenrothes [Glenwood] (Fife)	C	Not publ.	56 12N	03 13W	37—250011	Headmaster, Glenwood Junior School
Gwennap Head (Cornwall)	SbA	Not publ.	50 02N	05 40W	10—365217	Board of Trade
Lagganlia (Inverness)	C	Not publ.	57 07N	03 53W	28—856038	Mr J. Paisley
Lairg (Sutherland)	C	Not publ.	58 01N	04 24W	29—578055	Forestry Commission (Scotland)
Leitholm (Berwick)	Ag	Not publ.	55 42N	02 20W	36—788453	Mr P. MacFarlane
Lynemouth (Northumberland)	A	Not publ.	55 12N	01 33W	28—292897	Alcan Ltd.
Nettlecombe [Birds Hill] (Somerset)	C	Not publ.	51 07N	03 21W	31—055362	Field Studies Council
Prawle Point (Devon)	Sb	Not publ.	50 12N	03 43W	20—773351	Board of Trade
St Johns (Cornwall)	C	Not publ.	50 38N	04 22W	20—327839	Cornwall River Authority
St Margarets Bay (Kent)	Sb	Not publ.	51 09N	01 23E	61—373452	Board of Trade
Saxa Vord (Shetland)	A	Not publ.	60 50N	00 50W	42—633164	Officer Commanding, RAF
Scole (Norfolk)	C	Not publ.	52 22N	01 11E	62—151788	Mr L. Atkinson

Changes in the Monthly Weather Report in 1972

The Introduction gives the full list of District Value Stations used in the preparation of Table 1 and the practice of identifying these stations in Table 3 by the use of symbols will cease. In addition, the use of footnotes will be avoided, except in Table 1; any station worthy of special mention will be indicated in the body of the relevant table and the Introduction will contain a full explanation.

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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

JANUARY

VOLUME 88

1971

NUMBER 1

Mainly mild; a record high temperature on the 10th

In general the first half of the month was anti-cyclonic in character, except from the 6th to 9th. The remainder of the month was dominated by depressions and troughs of low pressure.

Weather

After a cold and mainly dry first week the weather became milder and more changeable. During the second week a number of places in the north and west, some of them long-established, had their mildest January day on record and a new extreme maximum temperature for the United Kingdom occurred in north Wales (see below). The month was unusually free of snow.

Wind

From the 6th to 10th gales occurred at times in the north and west of the country, and winds reached severe gale force in a number of places in Scotland on the 9th; gusts of 68 kt were recorded at Benbecula (Inverness-shire) and Turnhouse (Midlothian). The period 23rd to 25th was very windy in many areas. Overnight on the 23rd/24th high winds caused local damage in southern England, and on the 24th a gust of 70 kt was recorded at Durham. On the next day a gust of 78 kt was reported at Hartland Point (Devon).

Temperature

Monthly mean temperature was above average everywhere, especially in north and east Scotland where it reached about 2 degC above average in a few places. It was colder than average for much of the first week and widespread air frost, severe in places at night, sometimes persisted throughout the day in parts of central, southern and eastern England. On the 6th mild weather spread north-eastwards across all districts and during the next 3 weeks temperatures were mostly above average. It was unusually mild from the 7th to 10th especially in the west and north, and on the 9th and 10th exceptionally high temperatures occurred in these regions. On the 9th Lairg (Sutherland) with 16.7°C equalled the highest air temperature recorded in Scotland since 1889, and 16.0°C occurred at Glenmore Lodge (Inverness-shire), height 341 metres. On the 10th the föhn effect of the Welsh mountains contributed to temperatures above 17°C along the coast of north Wales and 18.3°C was recorded at Aber (Caernarvonshire); this is the highest known air temperature recorded in the United Kingdom in January. On the same day a practically identical temperature occurred at Llandudno in the same county, and it was the mildest January day in central Manchester since records became available in 1877. Some old-es-

tablished stations had new January extreme temperature maxima on the 10th; these included 17.7°C at Rhyl (Flintshire) and 14.6°C at Bradford (West Riding of Yorkshire) where records began in 1905 and 1908 respectively. Cold weather returned on the last 4 days and air frost persisted all day in a few places in Scotland on the 30th and 31st.

Rainfall

The first 2 weeks were much drier than average in most districts but by the end of the month rainfall (including melted snow) was above average over most of the southern half of England and Wales, and also in parts of north-west and east Scotland. Although it was the wettest January since 1961 over England and Wales as a whole, most of northern England was drier than average. Northern Ireland and a large part of Scotland also had below average rainfall and less than half the average occurred in a few small areas. On the 5th and 6th heavy rain fell in the west and north; over 88 mm of rain were recorded at Waen Sychlwch (Carmarthenshire) in the 24 hours commencing 09 GMT on the 6th. Further heavy rain occurred in these areas on the 8th and 9th including 80 mm at Blackwater Dam (Argyll) on the 9th. The 21st to 26th was generally a wet period in the west and south of the country and rainfall was sometimes accompanied by thunder; during this period swollen rivers caused local flooding in parts of southern England.

Snow

It was an unusually snow-free January. A little snow or sleet (rain or drizzle and snow) occurred in places on the first few days and the snowfall of late December persisted on the ground in southern England until about the 6th. During the subsequent mild spell, much of the lying

snow melted, even in the Scottish Highlands, and by the 10th the Cairngorms were reported to be virtually free of snow. However, snow occurred on high ground in northern Britain around the 17th and 23rd. A brief but heavy snowfall in parts of Wales and the West Country on the 31st led to snow depths of 10-15 cm in places for a short time in the afternoon. This snow soon melted and contributed to local flooding.

Sunshine

Amounts of sunshine were below average nearly everywhere. The exceptions were Northern Ireland, the north Wales coast, and a few isolated areas in England. Ross-on-Wye (Herefordshire) and Craibstone (Aberdeenshire) had their dullest January since records began in 1915 and 1925 respectively.

Fog

Overnight freezing fog occurred widely during the first 5 days; it was slow to clear and occasionally it persisted all day in places, especially in the east on the 3rd and 4th. From the 6th to 17th it was generally misty and hill fog occurred in the west.

Miscellaneous phenomena

On the 25th a number of whirlwinds were reported in south-east England and a waterspout was observed near the Isle of Wight. Violent winds associated with these phenomena caused local damage on the Isle of Wight and more widespread damage in parts of east London and the adjacent areas of Kent and Essex. At Welling (Kent) buildings were damaged, trees were uprooted and cars were overturned. The aurora was seen by observers in Scotland on 10 nights.

Table 1 District Values

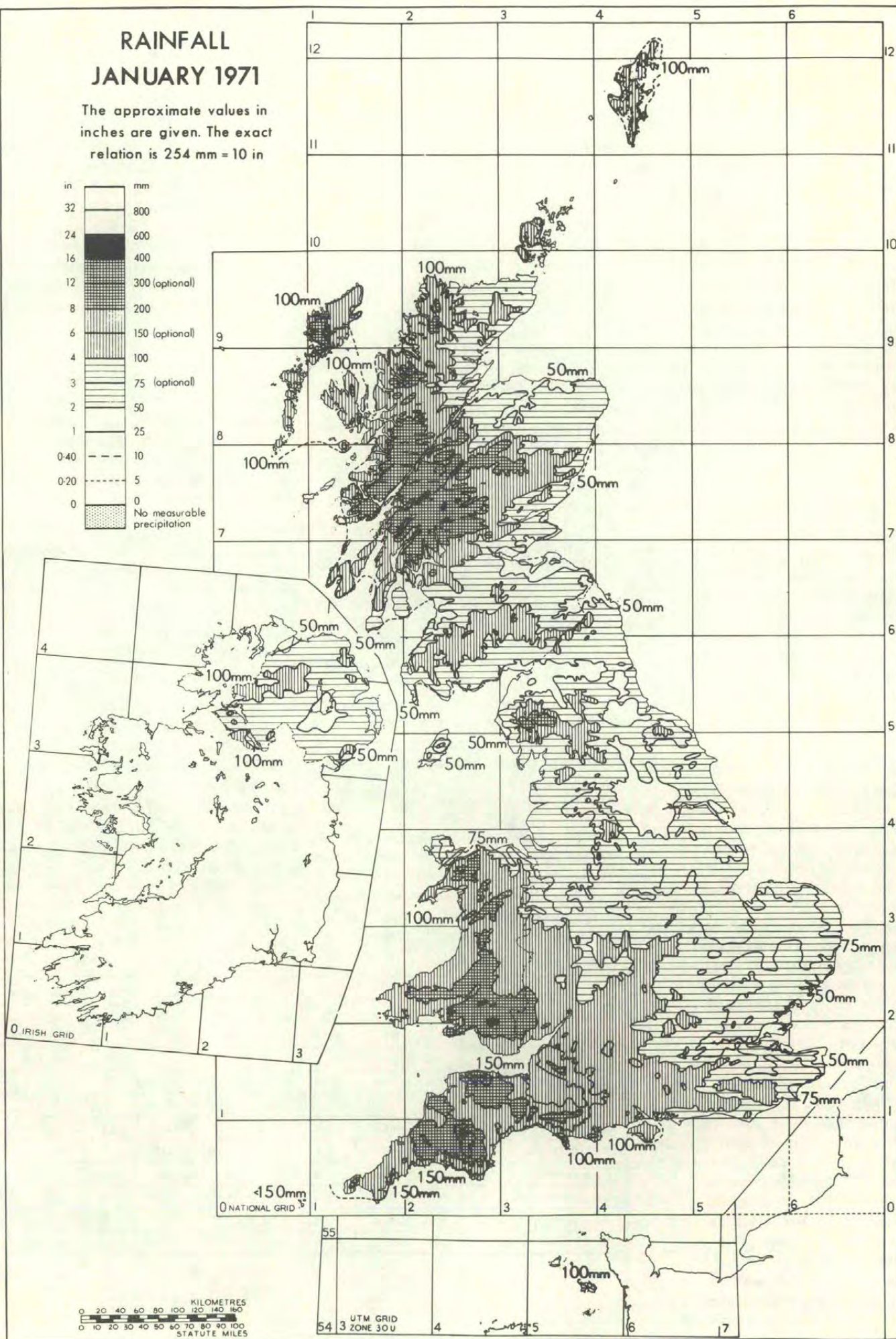
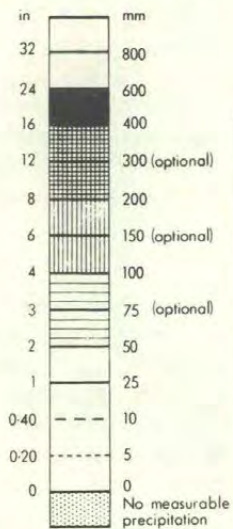
January, 1971

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. °	Lowest Min. °	max.	min.	mean				
	difference from average						% of average		
0 Scotland N	13.9	-4.4	+1.1	+1.3	+1.2	---	-3	86	64
1 Scotland E	14.6	-3.8	+1.0	+1.8	+1.4	+1.2	+1	87	52
2 England N E	13.9	-6.1	+0.5	+0.9	+0.7	+0.9	-1	93	65
3 England E	12.8	-6.6	+0.7	+1.0	+0.9	+0.7	+1	128	76
4 Midlands	14.6	-6.7	+0.7	+1.3	+0.9	+0.5	+1	125	90
5 England S E	12.9	-8.6	+0.8	+1.3	+1.1	+0.2	+1	133	82
6 Scotland W	14.3	-10.3	+1.1	+1.5	+1.3	+0.7	-1	68	70
7 Eng NW - Wales N	15.1	-9.1	+0.9	+1.1	+1.0	+0.7	-2	78	97
8 Eng SW - Wales S	14.0	-11.0	+0.4	+1.2	+0.8	+0.2	+3	154	62
N Ireland	13.2	-5.1	+1.1	+1.0	+1.0	—	-2	71	115
Scotland	14.6	-10.3	+1.1	+1.5	+1.3	—	-1	80	62
Eng - Wales	15.1	-11.0	+0.7	+1.1	+0.9	—	+1	119	79

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

RAINFALL JANUARY 1971

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



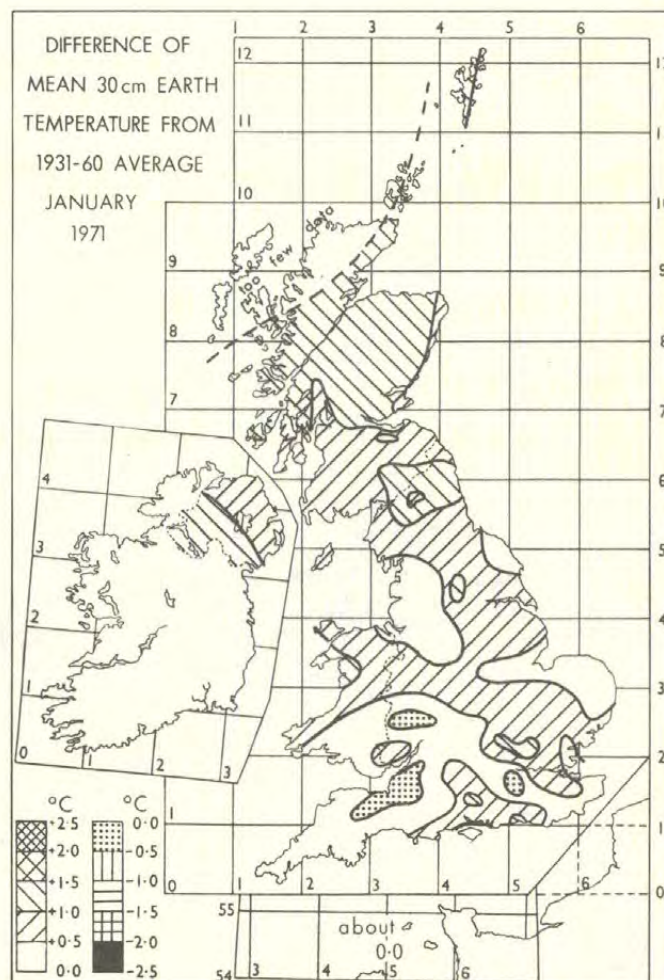
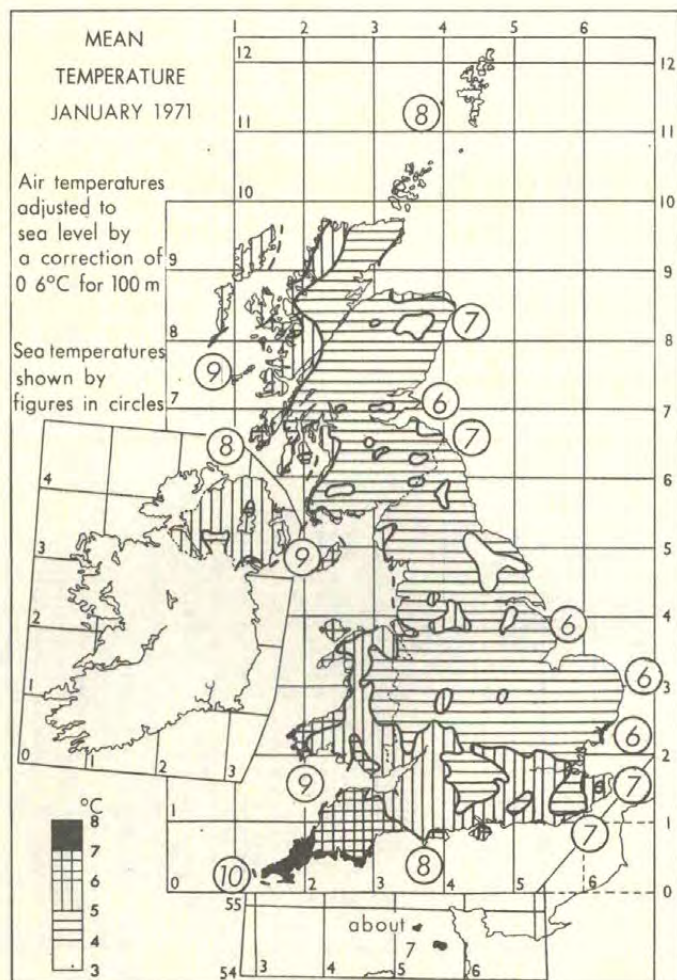
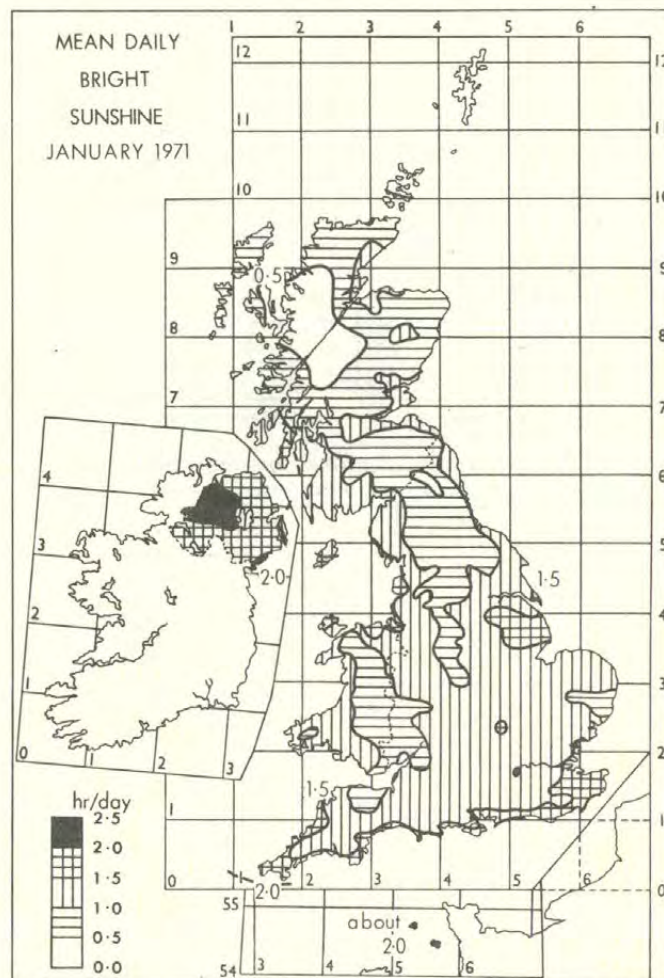
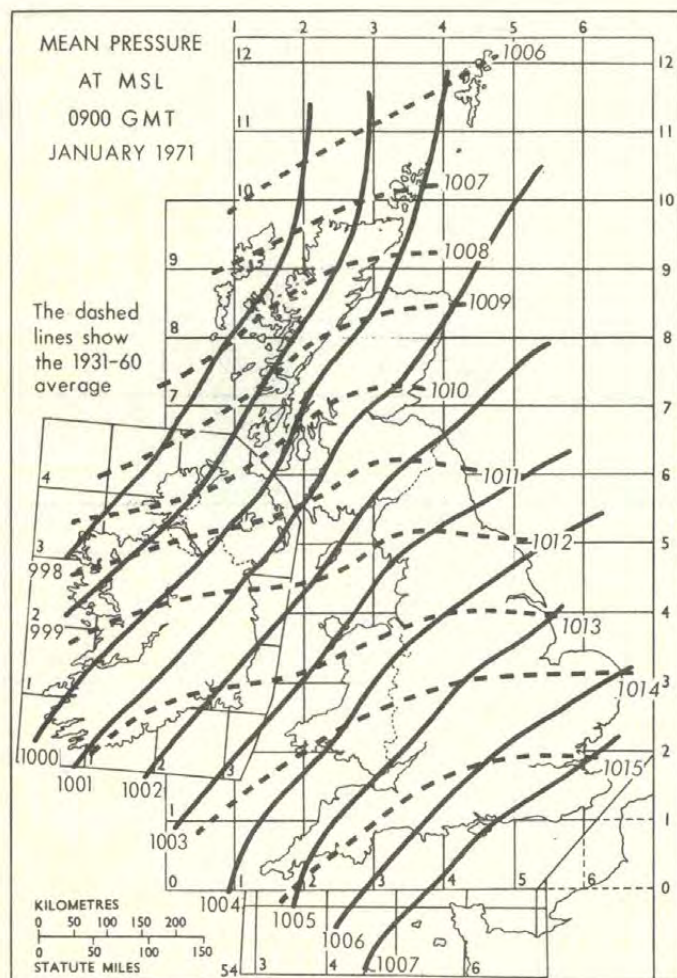


Table 2 Solar radiation and illumination

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	82	31	2	6	20.6	31	42	28	2	6	17.1	31	90	31	2	22	19.9	31
Eskdalemuir	146	31	5	15,16,17	36.9	31	82	31	5	15,16,17	28.2	31	159	31	5	15,16,17	43.2	31
Cambridge Meteorological Research Unit ..																		
London Weather Centre	134	29	10	7	55.9	31	82	28	9	7	39.8	31	149	24	14	7	62.8	31
Kew	138	29	12	3	56.1	31	71	28	10	3	39.4	31	182	24	15	3	74.5	31
Easthampstead ¹	144	24	13	7	71.6	31	92	28	13	7	44.9	31	172	24	16	15	72.3	31
Aberporth	125	11	21	8	57.9	31	77	27	21	8	43.6	31	-	-	-	-	-	-
Aldergrove	150	30	9	15	62.3	31	68	30	10	15	37.9	31	-	-	-	-	-	-
Jersey Airport	164	10	32	23	84.3	31	101	29	30	23	60.1	31	161	10	37	23	87.6	31

1. Formerly listed as Bracknell: the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell

Table 3 Summary of daily observations

For meaning of symbols: ¶ § ± S used below see Notes in the Introduction

JANUARY 1971

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'n 0.2mm or more	1.0mm or more	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 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
0 SCOTLAND N																																	
Zetland																																	
Hamnavoe ...	99	21	6.6	3.3	4.9	-	11.5	9	-2.3	31	-	-																					
Lerwick ² ...	21-9	82	5.5	3.2	4.3	-	11.6	9	-3.9	31	-	-	160	124	29	6	24	21	6	1	0	3	0	0	7	10	10	4	0.34	-	43	-	
Baltasound ...	99	24	5.5	2.9	4.2	+1.1	11.8	9	-4.4	31																							
			6.2	2.2	4.2	-	11.2	10	-4.9	5	5.2	-	153	123	23	6	26	24	11	3	0	0	-	-	0	6	-	-	1	0.50	-	-	
Orkney																																	
Sule Skerry ...	21-9	13	7.6	4.8	6.2	-	13.0	9	-0.8	31	-	-	109	-	12	6	26	21	3	0	0	1	0	0	1	4	2	10	-	-	-	-	
Stennes ...	99	23	6.7	2.9	4.8	-	12.2	10	-1.6	31	4.5	5.6	107	99	16	21	27	22	3	2	0	0	0	0	3	15	-	0	0.40	-	-	-	
Kirkwall ...	21-9	26	6.1	3.3	4.7	+0.9	12.1	9	-1.5	31	-	-	108	95	17	28	27	19	9	0	2	0	0	0	2	11	9	2	0.41	37	-	-	
Caithness																																	
Dounreay ...	99	21	7.1	2.1	4.6	-	15.6	9	-1.1	21	-	-	68	70	14	24	18	14	4	0	0	0	0	4	2	18	-	0	1.05	-	-	-	
Wick ...	21-9	36	6.4	3.2	4.8	+1.4	12.5	10	-1.7	31	-	-	75	102	8	4	21	17	3	0	0	1	0	0	5	13	12	0	0.75	52	-	-	
John O'Groats ...	99	30	6.9	2.6	4.7	-	12.5	9	-2.2	31	4.6	-	64	-	9	25	24	14	2	-	1	0	0	0	4	10	-	2	0.82	-	-	-	
Sutherland																																	
Cape Wrath ...	21-9	112	7.3	4.0	5.7	+1.1	16.1	10	-1.0	31	-	-	119	93	28	4	24	19	5	0	0	0	0	0	1	1	1	5	0.72	-	S	-	
Laig ...	99	107	6.1	0.8	3.5	-	16.7	9	-2.8	4	3.3	4.7	74	-	24	21	23	17	6	3	0	0	0	2	16	19	-	0	-	-	-	-	
Strathly ...	99	37	6.7	1.6	4.1	+1.4	15.6	9	-3.3	21	-	-	75	66	11	21	25	17	5	0	1	1	0	1	7	-	-	2	0.73	74	S	-	
Achentoul ...	99	137	5.8	0.7	3.3	-	13.9	9	-3.3	3,21	-	-	78	74	22	21	22	20	4	4	0	1	1	0	17	22	-	0	1.02	-	-	-	
Ross & Cromarty																																	
Stornoway ...	21-9	3	7.5	3.3	5.4	+1.1	12.1	9,11	-3.5	31	-	-	107	101	17	9	23	18	2	0	0	0	0	0	4	16	7	6	0.74	65	-	-	
Balmacara ...	99	4	8.4	4.4	6.4	-	16.1	11	-2.3	30	-	-	170	-	45	6	22	18	3	2	0	0	0	0	3	-	0	-	-	-	-	-	
Poolewe ...	99	6	8.1	3.7	5.9	-	16.6	10	-0.5	31	-	-	116	74	20	6	22	18	2	-	1	1	0	0	1	14	-	3	0.45	-	S	-	
Rudh Re ...	21-9	16	7.9	4.8	6.3	-	15.6	10	0.5	31	-	-	-	-	-	-	-	-	2	0	1	0	0	0	0	0	5	-	-	-	-	-	
Inverpolly ...	99	14	8.4	3.4	5.9	-	15.8	10	-1.2	31	5.6	-	95	68	13	19	23	19	4	2	0	0	0	-	1	18	-	2	0.29	-	S	-	
Achnashellach ...	99	67	6.9	1.4	4.1	+1.3	15.6	10	-5.0	30	-	-	162	72	27	6	18	17	2	1	0	0	0	0	10	-	0	-	-	-	-	-	
Kinlochewe ...	99	23	7.4	1.8	4.6	+1.2	15.7	9	-3.6	30	4.8	-	187	87	31	7	22	18	3	2	0	0	0	1	9	-	0	0.38	-	S	-		
Strathconon ...	99	107	6.3	0.4	3.3	-	16.1	9,10	-5.0	30,31	-	-	100	-	27	27	21	15	3	2	0	0	0	-	16	24	0	-	-	-	-	-	
Fortrose ...	21-9	5	7.0	2.4	4.7	+1.0	13.9	9,10	-1.7	31	-	-	31	55	7	27	14	11	0	0	1	0	0	1	4	-	-	0	0.99	63	-	-	
Tarbatness ...	21-9	18	6.3	3.2	4.7	+1.3	14.0	9	-2.0	30,31	-	-	33	69	9	29	17	8	6	0	0	0	0	1	2	-	-	3	-	-	-	-	
Inverness																																	
Benbecula ...	21-9	6	7.7	3.5	5.6	+0.9	13.1	11	-2.1	31	-	-	187	156	37	28	27	25	7	2	0	0	1	0	2	12	14	2	0.80	-	-	-	
Isle of Rhum ...	99	5	8.2	3.8	6.0	-	13.7	10	-2.2	30	5.4	7.1	206	75	53	6	23	21	0	0	3	1	0	0	4	13	-	9	0.52	-	-	-	
Prabost ...	99	67	6.9	3.1	5.0	-	13.0	10	-1.4	1	-	-	174	85	31	6	26	23	3	2	0	2	0	0	0	3	20	-	5	0.54	-	-	
Duntulm ...	99	90	7.5	3.3	5.4	+1.0	15.6	10	0.0	31	-	-	164	111	36	9	25	20	2	0	2	0	0	0	0	8	-	4	0.36	33	S	-	
Onich ...	99	15	7.7	2.4	5.1	+1.5	13.9	9,10,11	(-4.4)	1	-	-	185	74	(33)	6	21	17	-	-	-	-	-	-	6	15	-	-	0.59	61	S	-	
Fort William ...	99	8	8.0	2.0	5.0	-	15.8	11	-5.0	1	4.5	5.4	188	84	40	6	21	17	3	0	0	0	0	-	8	19	-	0	0.32	-	S	-	
Corpach ...	99	8	8.1	2.7	5.4	-	15.0	11	-2.2	1,4	-	-	251	-	74	6	18	17	2	0	0	0	0	0	5	18	-	4	-	-	-	-	
Fort Augustus ...	99	21	6.9	2.6	4.7	+2.1	13.9	9	-3.3	1,4	-	-	110	-	26	6	19	16	-	0	-	-	-	2	5	-	-	-	0.29	-	S	-	
Inverness ...	99	4	6.8	2.3	4.5	-	15.0	9	-1.7	5,6	-	-	47	75	7	24	19	13	2	0	0	0	0	2	4	18	-	0	0.84	-	-	-	
Coire Cas Shielling ...	99	762	3.2	-0.9	1.1	-	12.9	9	-6.1	31	-	-	-	-	-	-	-	-	-	14	20	0	0	0	0	-	20	-	-	-	-	-	
Cairngorm ...	99	1090	0.3	-3.2	-1.5	-	10.2	9	-8.7	4	-	-	-	-	-	-	-	-	-	15	22	0	0	0	13	26	-	-	-	-	-	-	
Glenmore Lodge ...	99	341	5.8	-0.7	2.5	+1.8	16.0	9	-9.6	4	-	-	75	68	14	7	18	15	7	8	0	0	0	0	18	22	19	1	0.57	-	S	-	
Moy ...	99	305	5.2	0.1	2.7	-	13.3	9	-8.3	30	3.5	-	62	-	7	30	20	14	8	8	0	0	0	0	10	26	-	1	0.66	-	-	-	
1 SCOTLAND E																																	
Nairn																																	
Nairn ...	99	6	6.8	1.6	4.2	+1.1	14.7	9	-3.2	30	-	-	31	60	5	21,29	20	11	3	0	0	1	0	0	0	9	19	-	0	1.05	66	-	-
Moray																																	
Grantown-on-Spey ...	99	229	5.4	-0.7	2.3	-	14.6	10	-7.1	4	-	-	40	-	7	24	22	12	5	8	0	0	0	0	2	19	26	-	0	0.96	-	-	-
Forres ...	99	50	6.9	2.1	4.5	+1.6	14.6	9	-3.7	31	3.6	-	42	89	8	29	18	12	3	2	0	0	0	0	0	6	21	-	1	1.12	64	-	-
Kinloss ...	21-9	5	7.0	2.2	4.6	+1.5	15.0	9	-3.6	30	4.6	-	35	76	9	29	18	8	6	1	0	1	0	0	11	23	14	2	0.96	-	-	-	
Elgin ...	99	15	7.2	1.6	4.4	-	14.4	9	-3.3	30	-	-	43	86	9	29	20	12	-	0	-	-	-	0	10	16	-	-	0.91	-	S	-	
Lossiemouth ...	99	6	7.3	1.1	4.2	+1.4	14.9	9	-4.6	30	-	-	46	96	7	29	17	12	5	1	0	0	0	0	11	25	20	3	-	-	-	-	
Gordon Castle ...	99	32	7.4	2.6	5.0	+1.9	15.6	9	-1.1	5,30	-	-	41	68	10	21	18	12	3	2	1	0	0	-	3	-	-	0	0.97	67	-	-	
Banff																																	
Glenlivet ...	21-9	215	5.6	0.9	3.3	-	15.4	9	-7.6	4	-	-	47	-	10	21	17	7	8	8	0	0	0	0	15	26	22	0	0.97	-	S	-	
Banff ...	99	24	7.1	3.0	5.1	-	13.3	9,10	0.0	31	-	-	44	-	12	21	14	12	-	0	-	-	-	1	0	-	-	-	0.54	-	S	-	
Aberdeen																																	

² Lerwick. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

Table 3 Summary of daily observations

For meaning of symbols § § § § used below see Notes in the Introduction.

JANUARY 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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																
1 SCOTLAND E — continued																																
Aberdeen — continued																																
Inverurie Sewage Works ...	99	54	5.9	0.8	3.3	-	12.8	10	-7.9	4	-	-	65	-	18	21	17	6	6	0	1	0	2	14	21	-	0	0.66	-	-	-	-
Fyvie Castle ...	99	66	6.1	0.8	3.5	-	13.3	10	-4.4	4	-	-	73	91	21	21	15	15	3	5	0	0	0	-	12	23	-	1	0.79	-	-	S
Craigstone ...	99	91	5.8	1.8	3.8	+1.3	11.8	10	-3.0	4	3.6	-	77	100	27	21	18	15	3	3	0	0	0	0	7	16	-	0	0.59	33	-	-
Dyce ...	21-9	58	6.2	1.6	3.9	+1.5	11.9	9	-6.1	4	-	-	69	86	22	21	15	15	6	1	1	3	0	1	11	20	14	2	0.54	-	-	-
Aberdeen ...	99	52	6.3	2.0	4.1	+1.5	12.2	10	-5.0	4	-	-	82	114	15	21	17	11	2	2	0	0	0	1	9	14	-	0	0.85	52	-	S
Fraserburgh ...	21-9	18	6.9	3.8	5.3	-	12.6	9,(10)	0.0	4	-	-	71	-	16	21	19	13	2	0	1	0	0	0	0	2	1	2	0.75	-	-	-
Kincardine																																
Fettercairn ...	99	171	5.3	1.0	3.1	+1.4	11.0	9	-6.3	4	-	-	77	-	21	21	16	13	2	6	1	1	0	1	11	17	-	1	0.95	-	-	S
Strachan ...	99	120	5.8	0.6	3.2	-	12.2	9,10	-8.3	4	4.3	-	80	-	27	21	20	14	3	6	1	0	0	1	12	20	-	0	-	-	-	-
Banchory ...	99	77	6.2	1.2	3.7	-	13.6	10	-6.3	4	-	-	87	131	14	21	20	15	0	1	0	0	0	0	11	-	-	0	0.61	37	-	-
Stonehaven ...	99	4	6.7	1.3	4.0	+0.8	11.7	8,10	-5.0	4	-	-	87	131	14	21	20	15	0	1	0	0	0	0	11	-	-	0	0.61	37	-	-
Angus																																
Mylnfield ...	99	30	6.3	1.7	4.0	-	12.2	9	-4.9	4	3.7	5.8	70	103	10	20	18	16	1	1	0	0	0	3	9	22	-	1	1.07	-	-	-
Dundee ...	99	45	6.5	2.2	4.3	+1.7	12.4	10	-3.8	4	3.4	-	74	103	13	29	20	15	3	1	0	0	0	0	7	20	-	0	1.23	-	-	-
Glamis Castle ...	99	61	5.8	0.7	3.3	-	11.7	10	-5.0	4	-	-	104	119	16	21	23	17	2	2	0	0	0	0	4	13	22	-	0	-	-	-
Whitehills ...	99	258	6.1	-0.3	2.9	-	13.0	10	-8.3	4	-	-	159	148	24	21	19	19	11	8	0	0	0	2	15	23	-	0	-	-	-	S
Buddon Ness ...	99	5	6.3	1.4	3.9	+1.2	11.7	9	-3.9	12,31	-	-	54	85	9	24	19	14	1	-	0	0	0	2	10	-	-	0	-	-	-	-
Carnoustie ...	99	9	6.8	1.7	4.3	-	12.8	9	-4.4	4	4.2	-	60	90	9	21	20	16	2	1	0	0	0	2	5	-	0	1.01	-	-	-	-
Arbroath ...	99	28	6.6	2.4	4.5	+1.5	12.3	10	-3.3	4,5	-	-	52	89	8	24	20	15	1	0	0	0	0	2	4	15	-	0	1.03	58	-	-
Usan ...	21-9	30	6.2	2.8	4.5	-	11.6	10	-2.4	4	-	-	59	-	9	21	15	12	2	0	0	1	0	0	7	11	9	3	0.97	-	-	-
Montrose ...	99	57	5.9	1.8	3.9	-	11.8	9	-3.9	4	-	-	87	138	16	21	19	13	1	1	0	0	0	0	2	9	18	-	0	-	-	-
Perth																																
Aberfoyle ...	99	27	6.7	0.5	3.6	-	12.8	9	-8.3	3,4	-	-	211	-	46	9	20	19	3	-	0	0	0	-	10	13	-	0	-	-	-	-
Dall ...	99	232																														
Callander ...	99	107	6.3	1.1	3.7	-	11.7	9	-7.2	4	-	-	223	-	51	9	21	19	3	1	0	0	0	2	10	15	-	0	-	-	-	-
Ardtnaig ...	99	130	5.8	1.5	3.7	-	11.7	8,9	-5.6	4	-	-	169	101	29	9	21	17	2	1	0	0	0	0	8	20	-	0	-	-	-	-
Drummond Castle ...	99	113	6.0	0.7	3.3	-	11.8	8	-5.8	4	3.7	-	198	-	42	6	21	19	1	1	0	0	0	-	11	20	-	0	-	-	-	S
Gleneagles ...	99	152	5.9	0.4	3.1	-	11.9	8	-6.1	4	-	-	123	97	28	9	21	20	2	-	0	0	0	5	11	17	-	1	0.92	-	-	-
Fowls Wester ...	99	140	5.8	1.1	3.5	-	11.2	9	-4.9	4	3.5	-	143	-	27	6	21	18	2	1	0	0	0	1	10	19	-	0	0.90	-	-	-
Pitlochry ...	99	144	5.7	0.8	3.3	-	12.2	10	-7.2	4	-	-	133	136	28	27	22	16	1	1	0	0	0	2	11	15	-	0	0.81	-	-	-
Faskally ...	99	94	6.1	0.9	3.5	-	12.8	10	-7.8	4	3.2	-	138	134	32	27	22	17	3	1	0	0	0	1	11	16	-	0	-	-	-	-
Ashintully Castle ...	99	341	4.4	-0.4	2.0	-	9.9	9	-7.7	4	-	-	137	-	23	27	22	19	11	9	0	0	0	7	14	21	-	0	-	-	-	-
Strathallan ...	99	41	6.5	1.5	4.0	-	13.1	9	-5.1	4	-	-	89	-	11	9	22	16	2	1	0	1	0	7	12	20	-	0	-	-	-	-
Perth ...	99	23	6.6	1.1	3.9	+1.5	13.3	9	-6.8	4	-	-	85	110	11	20	24	16	1	1	0	0	0	4	13	20	-	0	0.70	53	-	-
Blairgowrie ...	99	70	5.9	-	-	-	11.7	8,9,10	-	-	2.7	-	82	105	9	24	22	19	-	-	-	-	-	-	-	20	-	-	0.72	-	-	S
Kinross																																
Kinross ...	99	113	5.6	0.6	3.1	-	11.1	8,9,10	-7.2	4	3.7	-	77	-	12	6	20	19	-	1	-	-	-	-	12	19	-	-	0.78	-	-	-
Fife																																
Pitreavie ...	99	40	6.2	2.7	4.5	-	12.6	9	-3.6	31	-	-	35	-	8	28	17	11	2	0	0	0	0	1	8	15	11	0	-	-	-	-
Kirkcaldy ...	99	32	6.8	0.9	3.9	+0.9	12.8	9,10	-3.3	1,3,5	-	-	52	77	8	22,24	18	14	1	0	2	0	0	0	11	17	-	0	1.14	-	-	-
Cupar ...	99	25	6.7	1.4	4.1	-	12.8	9	-5.6	4	3.7	-	60	81	10	20	19	12	1	1	0	0	0	2	11	20	-	0	1.06	-	-	-
Leuchars ...	21-9	10	6.5	2.0	4.3	+1.3	12.5	9	-4.6	4	-	-	44	70	7	20	16	12	4	1	1	1	0	2	10	21	19	1	1.37	75	-	-
St Andrews ...	99	18	6.8	2.5	4.7	-	12.6	9	-3.3	4	4.1	5.6	51	-	8	24	16	10	-	1	-	-	-	4	8	19	-	-	1.18	67	-	-
West Lothian																																
Livingston ...	99	125	6.2	1.0	3.6	-	11.7	9,10	-6.7	1	-	-	45	-	8	28	17	13	-	-	-	-	-	5	11	14	-	-	-	-	-	-
Midlothian																												</				

Table 3 Summary of daily observations

For meaning of symbols 1 5 8 S used below see Notes in the Introduction.

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District, county and place			max. annual 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		snow or more	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.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more														
6a SCOTLAND W — continued																																		
Argyll — continued																																		
Campbeltown ...	99	12	8.2	3.8	6.0	-	12.2	6,8,9	(-3.3)	1,2	-	-	94	-	17	5	20	15	-	0	-	-	-	-	0	3	-	-	-	-	1.70	-	-	
Achaglachgach ...	99	12	7.8	1.6	4.7	-	12.8	10	-6.7	1	-	-	124	71	22	18	20	14	-	-	-	-	-	-	0	8	17	-	-	-	-	-	-	
Knapdale Forest ...	99	40	7.2	1.9	4.5	-	11.6	8,8,10	-5.9	1	-	-	126	-	14	18	22	18	1	0	0	0	0	0	0	8	18	-	-	-	-	-	-	
Glenbranter ...	99	24	6.6	1.3	3.9	-	12.2	9	-7.2	3	-	-	228	-	35	6	21	18	2	1	0	2	0	1	10	20	-	-	-	-	-	-	-	
Glen Etive ...	99	24	7.3	1.6	4.5	-	15.1	9	-8.4	4	-	-	268	-	35	6	20	19	4	3	0	2	1	-	7	15	-	-	-	-	-	-	-	
Benmore Younger																																		
Botanic Gardens ...	99	12	6.9	1.9	4.4	-	12.3	8	-5.6	3	-	-	239	83	42	6	21	20	2	2	0	1	0	2	8	23	-	-	-	-	-	-	-	
Bute																																		
Kildonan ...	21-9	18	7.7	4.5	6.1	-	11.4	10	-1.5	1	-	-	46	-	5	6	18	15	0	0	0	0	0	0	0	1	5	3	11	1.36	-	-	-	
Brodrick Castle ...	99	15	8.2	3.6	5.9	-	11.7	8	-1.6	30	5.1	-	155	85	30	6	20	18	1	0	0	0	0	0	2	4	17	-	-	-	-	-	-	
Rothsay ...	99	43	7.4	3.6	5.5	+1.4	12.8	8	-2.2	1	4.6	5.8	120	79	16	27	22	19	2	1	0	0	0	0	6	13	-	-	1	0.93	68	S		
Dunbarton																																		
Finnart ...	99	15	7.1	2.2	4.7	-	12.0	7,10	-5.0	1	-	-	237	-	45	6	22	17	3	2	0	0	0	0	-	7	-	-	-	-	-	-	-	
Helensburgh ...	99	89	5.8	1.8	3.8	+1.0	11.0	6,8,10	-5.0	3	-	-	136	81	30	6	20	19	1	-	0	0	0	0	0	8	-	-	-	-	0.81	72	-	
Sloy ...	21-9	12	6.6	2.8	4.7	-	12.5	8	-4.7	1	-	-	319	-	71	6	23	19	3	-	0	0	0	0	0	6	-	-	-	-	-	-	-	
Cumbernauld ...	99	94	5.7	1.2	3.5	-	11.8	8	-6.6	1	-	-	80	-	12	6	21	17	1	1	0	0	0	0	7	9	23	-	-	-	-	-	-	
Stirling																																		
Earls Hill ...	21-9	335	4.2	0.9	2.5	-	9.4	9,10	-4.8	30	-	-	128	-	27	9	20	17	2	-	0	0	0	0	6	11	16	14	6	1.01	-	-	-	
Stirling Batterflats ...	99	38	6.6	1.4	4.0	-	12.7	10	-6.2	1	4.1	-	114	-	23	9	22	18	1	1	0	1	0	6	10	20	-	-	-	-	0.93	-	-	
Parkhead ...	99	107	6.9	2.0	4.5	-	12.4	8,9	-5.2	4	3.9	-	86	-	21	9	22	16	1	1	0	0	0	0	4	9	-	-	-	-	-	-	-	
Falkirk Sewage Works	99	3	6.9	1.8	4.3	-	12.8	8	-5.6	4	-	-	63	-	11	9	22	16	2	1	0	0	0	0	1	9	-	-	-	-	0.69	-	-	
Grangemouth ...	99	4	6.8	2.3	4.5	-	12.8	8	-4.7	3	-	-	56	-	9	9	19	15	1	1	0	0	0	0	8	11	-	-	-	-	-	-	-	
Grangemouth Refinery	99	2	7.0	2.2	4.6	-	12.6	8	-4.5	3	-	-	51	-	8	9	18	14	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	
Renfrew																																		
Greenock ...	99	61	6.4	2.9	4.7	+0.9	11.7	9	-3.1	3	-	-	133	67	25	6	22	19	3	2	0	0	0	0	3	8	7	-	-	3	0.82	95	S	
Paisley ...	99	32	6.7	2.6	4.7	+1.2	12.2	10	-3.9	1,2	4.1	-	100	76	17	9	23	16	1	1	0	0	0	0	4	8	12	-	-	3	0.73	72	-	
Barrhead ...	99	30	6.8	1.7	4.3	-	13.8	10	-6.3	1	-	-	97	72	16	6	22	16	1	0	0	0	0	0	2	10	19	-	-	-	-	-	-	
Abbotsinch ...	21-9	5	6.6	2.3	4.5	+1.4	12.7	10	-6.8	1	-	-	88	74	17	9	22	17	3	1	1	0	0	0	4	10	15	12	1	0.75	67	-	-	
Lanark																																		
Crossmyloof ...	99	23	6.7	2.1	4.4	-	12.9	10	-6.7	1	-	-	75	-	15	9	22	17	1	1	0	0	0	0	3	8	-	-	-	-	0.82	-	-	
East Kilbride ...	99	178	5.9	1.0	3.5	-	11.1	10	-6.3	3	-	-	77	-	15	6	19	14	-	1	-	-	-	-	-	10	-	-	-	-	1.01	-	-	
Glasgow, Springburn	99	107	5.9	1.9	3.9	+1.6	11.6	10	-4.2	3	-	-	70	65	17	9	20	16	1	1	0	0	0	0	8	8	16	-	-	-	-	0.96	97	-
Coatbridge ...	99	78	6.5	1.5	4.0	+1.4	12.2	8	-6.1	1,3	-	-	57	59	8	9	18	14	2	1	0	0	0	0	3	8	-	-	-	-	-	-	-	
Salsburgh ...	21-9	275	4.9	1.4	3.1	-	10.2	8,9	-5.5	1	-	-	-	-	-	-	-	-	3	-	0	0	0	0	6	10	15	16	3	-	-	-	-	
Leadhills ...	99	387	4.7	0.3	2.5	+1.3	9.7	10,11	-9.8	1	-	-	186	95	26	6	20	18	5	7	0	0	0	0	0	9	18	-	-	-	-	-	-	
Crawfordjohn ...	99	274	5.3	-0.1	2.6	-	10.3	10	-10.9	1	3.2	-	75	-	12	24	19	14	4	6	0	0	0	0	0	8	18	14	2	0.76	-	-	-	
Lanark ...	99	152	6.1	1.1	3.6	-	11.7	10,11	-7.2	1,3	-	-	-	-	-	-	-	-	2	0	0	0	0	4	0	10	-	-	-	-	3	0.92	-	S
Carnwath ...	99	208	5.6	-0.5	2.5	+1.2	10.8	10	-10.3	1	3.2	-	42	44	8	28	22	12	8	4	1	1	0	1	17	23	-	-	-	-	-	-	-	
Camps Reservoir ...	99	295	5.4	0.2	2.8	-	11.1	7,10,11	-9.4	1,4	-	-	124	82	25	6	21	14	5	6	0	0	0	0	4	8	-	-	-	-	-	-	-	
Ayr																																		
Girvan ...	99	8	8.2	3.4	5.8	-	14.7	9	-4.2	2	-	-	50	-	13	18	21	11	1	0	0	0	0	0	5	17	-	-	8	1.37	-	-	-	
Hunterston ...	99	8	7.7	3.8	5.7	-	11.8	10	-3.1	1	-	-	89	-	14	6	21	18	2	0	0	0	0	0	0	6	-	-	-	-	-	-	-	
Barr ...	99	122	6.9	0.7	3.8	-	13.3	11	-10.0	1	-	-	71	-	20	18	19	17	-	0	-	-	-	-	3	9	-	-	-	-	-	-	-	
Auchincruive	99	45	7.1	2.3	4.7	+1.2	12.3	10	-6.6	1	4.7	-	44	41	6	28	22	16	1	0	0	1	0	0	0	8	19	-	-	-	-	0.122	84	-
Prestwick ...	21-9	16	7.2	2.6	4.9	-	12.1	10	-7.2	1	-	-	51	51	9	5	20	15	2	0	1	0	0	0	0	8	12	14	2	1.08	-	-	-	
Kilmarnock ...	99	34	7.4	2.3	4.9	+1.7	12.8	10	-6.7	(1),2	4.3	6.6	49	45	9	6	20	13	1	1	0	0	0	0	0	8	15	-	-	-	-	0.74	54	-
Dumfries																																		
Dumfries ...	99	49	6.6	1.3	3.9	+1.0	14.3	10	-6.7	1,2	4.3	5.8	60	49	11	24	17	12	2	-	0	0	0	0	2	9	20	-	-	-	-	0.114	82	-
Eskdalemuir ⁴	21-9	242	(5.0)	(0.7)	(2.9)	-	11.0	10	(-10.3)	1	4.7	-	118	61	22	6	23	16	8	6	0	3	0	2	11	17	15	2	0.60	43	-	-	-	
			5.1	0.7	2.9	+1.5	11.2	10	-10.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kirkcudbright																																		
Bargrennan ...	99	110	6.4	0.7	3.5	-	12.2	10	-8.2	1	-	-	93	53	20	18	22	13	1	0	0	0	0	0	0	15	25	-	-	-	-	-	-	
Palnure ...	99	15	7.3	1.2	4.3	-	12.4	10	-8.0	1	-	-	73	48	19	20	14	11	1	0	0	0	0	0	5	9	19	-	-	-	-	-	-	
Clatteringshaws	99	178	6.0	-	-	-	10.8	6	-	-	-	-	147	59	25	18	19	17	1	1	0	1	0	2	-	-	-	-	-	-	-	0.101	-	-
Glenlee ...	99	55	6.4	0.5	3.5	+0.9	12.2	6	-10.0	1	-	-	128	68	23	6	18	16	-	0	-	-	-	-	-	1	13	24	-	-	-	-	-	
Dundeugh ...	99	119	6.1	0.1	3.1	-	10.9	8	-11.6	1	4.9	-	136	73	25	6	18	16	2	1	0	0	0	0	1	12	-	-	-	-	-	-	-	
St Marys Isle	99	12	7.0	2.3	4.7	-	11.6	10	-7.8	1	-	-	67	-	19	20	15	13	-	0	-	-	-	-	-	0	6	8	-	-	-	-	-	
Girdstingwood																																1.37	-	-
Glenloch Barrage	99	47	6.5	1.2	3.9	-	11.1	10	-8.8	1	-	-	72	52	13	6	18	14	0	0	0	0	0	0	2	10	-	-	-	-	-	3	-	-
Threave ...	99	73	6.1	1.1	3.6	-	11.1	10	-7.8	1	3.8	-	71	50	11	20	20	12	2	1	0	0	0	0	1	8	22	-	-	-	-	-	-	-
Castle Douglas	99	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															

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⁶ National Institute of Agricultural Botany

Table 3 Summary of daily observations

For meaning of symbols \pm \pm \pm used below see Notes in the Introduction.

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	date	precip'n		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							0.2mm or more	1.0mm or more													
4 MIDLAND COUNTIES — continued																																	
Yorkshire W Riding — continued																																	
Huddersfield	99	99	7.3	1.6	4.5	-	16.6	10	-6.9	5	3.6	5.2	49	57	11	18	16	12	-	0	-	-	-	7	8	16	-	-	1.16	141	-		
Huddersfield Oakes	21-9	235	6.2	1.9	4.1	+1.4	15.6	10	-6.2	5	3.4	5.4	57	56	14	18	22	14	2	0	0	0	0	8	7	14	12	2	1.11	86	-		
Bradford	99	134	6.4	1.3	3.9	+1.0	14.6	10	-5.8	5	3.9	5.3	57	63	12	22	17	14	2	0	0	0	0	10	9	17	-	0	0.62	60	S		
Ilkley	99	96	7.1	1.2	4.1	+1.3	15.6	10	-6.7	5	-	-	52	51	9	22	15	14	2	0	0	0	0	9	9	-	-	0	0.57	41	S		
Sheffield	99	131	6.6	2.3	4.5	+0.9	12.6	9	-5.0	5	3.8	5.9	69	90	12	20	20	14	2	0	0	0	0	8	16	-	-	0	1.29	110	S		
Pontefract	99	78	6.6	1.7	4.1	+1.0	12.8	9	-5.6	5	-	-	36	66	7	30	15	8	0	0	0	0	0	8	9	10	-	0	-	-	-		
Bramham	99	54	6.5	1.1	3.8	-	12.8	9	-5.6	5	-	-	43	-	9	20	16	11	0	0	0	0	0	7	9	19	-	0	0.65	-	-		
Cawood	99	6	6.7	1.1	3.9	-	13.3	9	-5.0	5	3.8	5.0	43	73	9	30	18	12	0	2	0	0	0	7	10	20	-	0	1.06	-	-		
Askham Bryan	99	34	6.7	0.9	3.8	-	12.8	9	-6.0	4	-	-	49	77	12	20	16	12	0	0	0	0	0	10	10	19	-	0	0.83	60	-		
Derby																																	
Buxton	99	307	5.2	0.5	2.9	+1.0	11.3	9	-8.9	3	2.8	4.1	94	67	15	18	19	13	1	7	0	0	0	15	8	12	-	0	-	-	-		
Mackworth	99	89	6.6	1.1	3.9	-	12.4	10	-6.7	4	-	-	75	-	13	22	17	17	-	0	-	-	-	7	8	-	-	-	-	-	-		
Belper	99	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ashover	99	186	5.9	1.3	3.6	-	11.6	9,10	-8.1	5	-	-	82	-	13	20	20	14	2	6	0	0	0	8	8	13	-	0	1.43	-	-		
Derby	99	48	6.9	2.2	4.5	-	13.1	10	-6.3	3,4	-	-	78	113	12	26	22	15	2	0	0	1	0	3	8	15	-	0	1.15	-	-		
Morley	99	107	6.6	0.4	3.5	-	12.9	10	-8.9	5	-	-	85	117	13	23	22	16	-	0	-	-	-	10	7	22	-	-	1.25	-	S		
Wingerworth	99	126	6.3	0.9	3.6	-	12.2	9	-7.7	4,5	4.1	-	72	-	10	20	20	14	2	0	0	0	0	8	11	19	-	0	1.20	-	-		
Nottingham																																	
Sutton Bonington	99	48	6.8	1.6	4.2	+1.1	12.7	9,10	-8.9	5	4.4	5.9	77	140	11	26	20	17	0	0	0	0	0	2	8	15	-	0	1.27	93	-		
Watnall	21-9	117	6.2	2.2	4.2	+1.0	12.7	10	-6.1	5	-	-	86	127	15	22	21	17	2	0	0	3	0	8	7	14	9	0	1.01	71	-		
Mansfield	99	110	5.6	1.7	3.7	+0.7	11.7	8,9	-5.8	4	4.2	-	76	111	14	22	18	13	2	0	0	0	0	3	7	11	-	0	-	-	-		
Nottingham	99	59	6.8	2.3	4.5	+1.0	13.9	10	-6.1	5	3.7	5.0	74	128	14	23	20	18	2	0	0	0	0	7	7	12	-	0	1.17	106	-		
Warsop	99	46	6.7	0.7	3.7	-	12.9	9	-7.2	3	-	-	62	115	11	20	19	12	-	0	-	-	-	7	11	18	-	-	1.27	-	-		
Finningley	21-9	10	6.8	1.8	4.3	+1.0	13.6	9	-8.2	3	-	-	45	89	8	26	15	11	2	0	0	1	0	9	8	12	10	0	1.50	-	-		
Leicester																																	
Newtown Linford	99	119	6.2	1.3	3.7	-	12.2	10	-8.8	5	-	-	91	144	11	22	21	19	3	0	0	0	0	4	8	11	-	0	1.04	-	-		
Caldecott	99	53	6.7	-0.5	3.1	-	14.7	10	-11.2	5	-	-	88	162	14	23	19	18	-	1	-	-	-	9	12	14	-	-	1.09	-	-		
Northampton																																	
Bugbrooke Mills	99	69	(6.7)	(1.2)	(3.9)	-	12.8	10	-7.2	5	4.7	6.1	89	163	11	23	19	13	-	0	-	-	-	8	11	-	-	-	1.26	-	-		
Raunds	99	59	6.5	1.5	4.0	+1.1	13.2	10	-6.7	3	4.1	6.3	83	157	12	23	19	14	2	0	0	0	0	8	8	15	-	0	1.10	76	-		
Wittering	99	65	6.1	2.0	4.1	+0.8	12.6	10	-5.5	5	-	-	79	145	13	23	22	14	2	0	0	0	0	8	7	13	-	0	1.27	-	-		
Warwick																																	
Birmingham	99	137	-	(1.7)	-	-	-	-	-6.6	3	-	-	109	147	18	22	19	17	3	0	0	0	0	8	(8)	-	-	9	-	-	-		
King Edward School	99	137	-	(1.7)	-	-	-	-	-6.6	3	-	-	109	147	18	22	19	17	3	0	0	0	0	8	(8)	-	-	9	-	-	-		
Edgbaston	21-9	163	6.2	2.5	4.3	+0.8	12.7	10	-5.5	4,5	5.7	7.8	97	128	15	22	19	15	4	1	0	1	0	7	6	11	10	0	1.09	150	-		
Luddington	99	56	7.2	1.8	4.5	-	13.1	10	-6.7	3	-	-	90	-	13	26	19	16	3	1	0	0	0	10	7	16	-	0	1.16	-	-		
Stratford	99	49	7.1	1.2	4.1	-	13.9	10	-6.9	3	4.4	-	93	166	14	26	20	15	1	1	0	0	0	4	8	23	-	0	1.08	-	-		
Elmdon	21-9	99	6.5	1.9	4.2	-	13.0	10	-7.6	3	-	-	88	-	15	22	19	16	4	1	0	2	0	6	8	13	11	0	1.28	-	S		
Shipston-on-Stour	99	111	6.6	1.4	4.0	-	13.1	10	-6.9	4	4.4	-	108	171	14	31	21	16	3	1	0	0	0	8	7	16	-	0	1.28	-	-		
Wellesbourne	99	47	(7.1)	(1.5)	(4.3)	-	(12.9)	(10)	-6.6	5	-	-	87	150	13	7	(18)	(15)	-	-	-	-	-	-	(8)	-	-	-	-	1.86	-	-	
Moreton Morrell	99	85	6.7	1.9	4.3	-	13.6	10	-6.2	5	-	-	97	168	14	7	17	15	2	0	0	0	0	10	7	17	-	0	1.25	-	-		
Rugby	99	117	(6.6)	1.3	(3.9)	(+1.0)	12.0	10	-9.0	5	3.6	5.7	100	167	18	7	19	13	-	0	-	-	-	-	7	14	8	-	-	-	-		
Oxford																																	
Brize Norton	21-9	84	6.8	2.1	4.5	-	13.4	10	-6.4	5	-	-	111	-	27	31	22	17	4	2	0	1	0	8	6	12	-	0	-	-	-		
Oxford	99	63	7.2	2.4	4.8	+0.9	12.3	23	-5.8	4	4.2	5.6	105	176	19	31	17	16	4	4	0	1	0	7	7	9	-	0	1.36	78	-		
Shirburn Model Farm	99	108	6.8	1.8	4.3	-	13.6	10	-8.2	5	4.4	-	88	-	16	20	17	15	1	6	0	1	0	3	6	12	-	0	-	-	-		
Buckingham																																	
Medmenham	99	30	7.4	1.2	4.3	-	12.6	10	-7.2	2	-	-	87	-	11	23	21	15	-	-	-	-	-	-	13	19	-	-	-	-	-		
Grendon Underwood	99	67	6.9	1.0	3.9	-	13.4	10	-7.8	5	4.5	(6.4)	99	-	23	31	20	15	0	0	0	0	0	-	8	19	-	0	1.13	-	-		
Aylesbury	99	96	(7.2)	1.9	(4.5)	-	13.3	10	-7.7	5	-	-	86	144	14	23	19	17	1	2	0	1	0	4	6	14	-	0	1.07	-	S		
Stafford																																	
Keele	99	179	5.8	1.2	3.5	-	11.6	9,10	-8.7	4	3.7	5.7	74	99	9	26	21	18	4	2	0	0	0	4	7	17	-	0	1.08	-	-		
Oaken	99	125	6.1	1.2	3.7	-	12.2	10	-9.0	3	4.2	-	90	-	-	12	23	17	16	-	1	-	-	-	10	7	9	-	-	-	-		
Stone	99	107	6.1	1.0	3.5	-	12.1	9	-9.0	3	-	-	77	110	13	22	23	15	-	1	-	-	-	-	7	7	30	-	-	1.08	-	-	
Penkridge	99	101	(6.3)	1.4	(3.9)	-	12.7	10	-8.3	3	-	-	85	128	13	23	21	16	-	0	-	-	-	-	3	6	15	-	-	-	-		
Shropshire																																	
Oswestry	99	174	6.5	1.1	3.8	-	11.7	8,9,10	-7.8	4,5	-	-	112	123	13	21	21	18	3	0	0	1	0	3	7	17	-	0	1.07	-	-		
Church Stretton	99	183	-	-	-	-	-	-	-	-	-	-	109	121	11	22	23	20	-	-	-	-	-	-	-	-	-	-	-	1.18	-	-	
Shrewsbury	99	56	(6.7)	1.7	(4.2)	(+0.7)	13.0	8	-7.1	4	4.3	5.7	75	-	9	22	20	16	2	-	0	0	0	4	8	14	-	0	1.23	-	-		
Shawbury	21-9	72	6.5	2.2	4.3	+1.0	13.1	8	-6.1	4	-	-	72	116	11	22	18	16	5	1	0	1	0	5	7	16	11	0	1.06	-	-		
Clee Hill	21-9	504	-	0.5	-	-	-	-	-6.5	5	-	-	119	-	16	22	22	18	3	7	0	0	0	18	16	15	14	0	-	-	-		
Bridgnorth	99	64	(6.5)	1.1	(3.8)	(+0.9)	12.2	9	-6.2	3	-	-	73	123	10	26	20	17	4	1	0	1	0	3	8	17	-	0	1.11	76	S		
Worcester																																	
Malvern	99	62	7.2	2.4	4.8	-	13.0	10	-5.9	5	4.1	6.0	120	160	20	7	22	18	3	1	0	0											

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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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						
			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 (mm)	date	precip'n		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 1931-60 average	exposure			
			max (a)	min. (b)			max.	date	min.	date							0.2mm or more	1.0mm or more																
5 ENGLAND SE																																		
Greater London																																		
Kensington Palace ...	99	25	7.8	3.3	5.5	+1.1	13.3	10	-3.3	5	5.4	6.9	73	126	9	23	19	16	0	0	0	0	1	5	6	16	-	0	-	-	-	-		
Hampstead ...	99	137	6.8	2.0	4.4	+1.3	12.9	10	-5.1	3	-	-	73	116	10	23	20	17	0	0	0	0	0	0	10	11	-	0	1.09	80	-	-		
St James Park ...	99	4	8.0	1.6	4.8	+0.2	12.8	10	-2.8	2,3	-	-	69	133	9	23	19	16	0	-	0	0	0	-	7	-	-	0	-	-	-	-		
Regents Park ...	99	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich ...	99	7	7.9	2.8	5.3	-	12.9	10	-4.4	5	-	-	68	136	12	25	18	15	0	0	0	1	1	3	6	9	-	0	1.25	115	-	-		
Heathrow ...	21-9	25	7.5	3.3	5.4	+1.6	13.2	10	-4.2	4	-	-	71	124	10	26	18	15	2	0	0	1	0	5	6	11	10	0	1.37	-	-	-	-	
Hampton ...	99	12	7.8	3.1	5.5	-	13.9	10	-3.3	5	-	-	69	131	10	20	19	15	0	0	1	0	1	6	6	11	-	0	1.56	-	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Southgate ...	99	67	-	2.6	-	-	-	-	-4.4	3	5.4	-	76	128	13	26	18	17	1	6	0	0	0	4	6	11	-	-	1.29	-	-	-	-	
Kew ⁷ ...	§ ±	21-9	5	7.5	3.0	5.3	-	13.7	10	-6.1	2	4.8	6.4	68	124	8	23	19	15	1	0	0	2	1	7	8	13	11	0	1.48	99	-	-	
Waddon ...	99	59	7.5	3.8	5.7	+1.4	12.9	10	-3.7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Addington ...	99	144	7.6	2.8	5.2	+1.2	13.1	23	-6.1	5	-	-	94	145	15	23	18	17	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	
Bromley ...	99	65	7.3	3.4	5.3	+1.4	13.9	9	-3.3	5	-	-	97	140	19	23	20	17	-	-	-	-	0	6	-	-	-	-	-	-	-	-	-	
Surrey																																		
Gatwick ...	21-9	59	7.0	2.4	4.5	+1.1	11.1	23	-8.2	3	-	-	89	114	13	20	20	15	0	6	2	1	0	4	9	15	10	0	1.33	-	-	-	-	
Wisley ...	99	35	7.7	2.1	5.1	+1.4	11.8	23	-5.7	2	5.4	6.7	88	-	15	20	18	15	-	0	-	-	8	7	16	-	-	-	1.39	-	-	-	-	
Mickleham ...	99	55	7.0	1.4	4.2	-	11.6	23	-7.2	5	4.6	5.9	116	151	17	20	19	16	0	6	1	0	1	6	10	16	-	0	-	-	-	-	-	
Kent																																		
Hadlow College ...	99	30	7.4	1.5	4.5	-	12.1	23	-9.4	3	5.3	6.5	63	-	10	23	18	14	1	6	0	0	0	4	11	19	-	0	1.52	-	-	-	-	
Gillingham ...	99	4	7.6	(2.3)	(4.9)	-	11.7	9,10,23	-6.1	5	-	-	55	99	10	20	17	13	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	6.9	1.9	4.4	-	11.8	8,23	-10.3	3	-	-	66	-	12	23	17	15	0	6	0	0	0	6	8	18	13	0	1.60	-	-	-	-	
Dungeness ...	21-9	3	(7.4)	3.6	(5.5)	(+1.1)	10.9	23	-5.5	3	-	-	75	122	13	20	21	16	0	0	0	0	0	3	6	-	-	4	-	-	-	-	-	
Whitstable ...	99	3	8.0	2.7	5.3	-	12.4	10	-6.1	3	-	-	51	105	10	23	19	14	1	1	0	0	0	3	9	-	-	3	1.70	-	-	-	-	
Folkestone ...	99	39	7.3	3.3	5.3	-	10.6	23	-3.3	4,6	7.4	65	101	11	23	20	13	2	6	0	2	0	3	6	-	-	8	2.08	-	-	-	-	-	
Elmstone ...	99	9	6.9	1.2	4.1	-	10.7	23	-6.5	3	-	-	58	-	11	23	17	14	-	6	-	-	5	11	11	-	-	-	-	-	-	-	-	
Herne Bay ...	99	6	7.4	3.2	5.3	-	11.7	23	-5.0	3	-	-	49	95	9	26	17	12	0	6	0	0	0	3	7	-	-	0	1.59	-	-	-	-	
Dover ...	99	6	7.4	3.3	5.3	+0.8	10.7	23	-3.3	6	5.4	6.8	71	100	14	23	21	14	1	5	0	1	0	2	7	9	-	0	1.90	-	-	-	-	
Manston ...	21-9	44	6.7	2.7	4.7	-	11.3	23	-5.8	3	-	-	41	83	6	23	16	11	3	6	0	0	0	5	6	13	9	0	-	-	-	-	-	
Margate ...	§	16	7.4	3.6	5.5	+0.9	11.7	23	-3.3	6	4.9	6.4	47	-	8	26	19	12	1	0	0	0	0	5	7	9	-	1	1.13	64	-	-	-	
Goudhurst ...	99	85	6.8	1.1	3.9	-	10.8	23	-10.7	3	-	-	107	123	18	23	20	18	0	6	0	0	0	4	11	11	-	1	-	-	-	-	-	
East Malling ...	§	37	7.6	1.6	4.6	+1.1	12.1	23	-7.2	3	4.5	5.8	61	98	9	23	19	16	1	6	0	0	0	6	11	14	-	0	1.51	95	-	-	-	
Throley ...	99	150	6.7	(1.5)	(4.1)	-	10.4	23	-7.3	3	4.4	6.1	88	113	11	23	21	16	1	6	0	0	0	9	9	16	-	3	(1.49)	-	-	-	-	
Faversham ...	99	48	7.3	2.0	4.7	-	11.6	23	-9.0	3	4.9	5.9	71	-	13	23	19	15	1	6	0	0	0	5	10	13	-	0	1.91	-	-	-	-	
Wye ...	99	56	7.5	1.8	4.7	+1.3	11.2	24	-9.7	3	5.1	6.2	83	109	15	23	17	15	1	6	0	0	0	9	6	17	-	0	1.59	91	-	-	-	-
Sussex																																		
Thorney Island ...	21-9	3	7.7	3.1	5.4	-	11.2	23	-6.6	4	-	-	79	104	11	23	16	15	4	0	0	0	0	0	5	11	9	2	1.69	-	-	-	-	
Rogate ...	99	64	(7.5)	(2.5)	(5.0)	-	12.2	10	-6.0	4,(5)	5.3	-	151	-	23	23	20	18	0	0	3	0	2	4	8	14	-	0	-	-	-	-	-	
Bognor Regis ...	99	7	7.6	3.4	5.5	+0.9	10.0	23	-4.1	4	-	-	87	108	9	16,23	20	16	1	0	0	2	0	0	5	11	-	1	2.03	91	-	-	-	-
Fernhurst ...	99	57	7.4	(1.6)	(4.5)	-	11.2	9	-7.3	5	4.7	-	120	123	18	23	22	16	0	-	0	1	0	-	9	14	-	0	1.00	-	-	-	-	
Littlehampton ...	99	5	7.8	3.5	5.7	+1.3	10.6	27	-4.4	2	-	7.4	85	111	9	16	18	16	0	0	0	0	0	0	5	-	-	0	1.94	88	-	-	-	-
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Heath ...	99	21	7.5	1.7	4.6	-	11.2	9	-8.3	5	4.8	6.6	103	-	16	23	18	15	0	0	0	0	0	8	10	-	-	0	1.21	-	-	-	-	
Worthing ...	99	7	7.8	3.5	5.7	+1.2	10.6	27	-3.7	2	5.6	-	80	106	8	22	18	16	0	4	0	0	0	0	5	14	-	3	2.04	89	-	-	-	-
Brighton ...	99	10	7.9	4.2	6.1	-	11.1	23	-3.1	2	7.1	76	106	10	22	19	15	0	6	1	0	0	0	4	4	8	-	8	1.87	89	-	-	-	-
Plumpton ...	99	76	7.6	2.2	4.9	-	11.1	9	-5.6	3	-	-	143	-	19	22	19	18	-	6	-	-	-	6	7	9	-	-	1.35	-	-	-	-	-
Wakehurst Place ...	99	133	7.0	2.4	4.7	-	10.6	23	-5.6	3	-	-	99	-	15	23	22	16	0	6	1	0	0	2	6	14	-	1	-	-	-	-	-	-
East Hoathly ...	21-9	40	7.5	1.9	4.7	-	11.2	8,23	-10.0	3	-	-	94	-	15	23	22	14	1	6	0													

Table 3 Summary of daily observations

For meaning of symbols: * * * S used below see Notes in the Introduction.

JANUARY

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
5 ENGLAND SE — continued																																	
Wiltshire																																	
Lacock ...	99	49	7.6	2.0	4.8	-	12.5	10	-6.0	5	-	-	114	156	15	31	20	20	-	1	-	-	-	6	7	8	-	-	-	-	-	-	-
Lynham ...	21-9	145	6.3	2.4	4.3	+0.9	12.3	10	-6.9	4	-	-	122	172	18	31	20	18	5	7	2	3	0	9	7	13	12	1	1.06	-	-	-	-
Larkhill ...	99	132	7.0	1.8	4.4	+1.1	12.0	10	-8.2	5	-	-	129	182	21	20	21	18	3	5	0	0	0	9	6	13	9	0	-	-	-	-	
Boscombe Down ...	21-9	126	6.6	2.1	4.3	+0.7	12.0	10	-7.8	4	-	-	120	162	17	20	20	18	5	6	0	0	0	8	7	11	10	1	1.05	-	-	-	-
Upavon ...	21-9	176	6.0	1.6	3.7	-	11.4	10	-8.6	4	-	-	115	147	15	20	20	19	4	7	0	1	0	10	6	12	9	0	-	-	-	-	
Porton ... * * *	99	111	6.9	1.1	4.0	+0.7	11.7	10	-8.6	5	4.2	-	123	164	17	20	20	18	-	7	-	-	-	6	9	(18)	(10)	-	1.14	60	-	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ...	99	13	7.5	3.0	5.3	-	13.9	11	-4.2	1	-	-	42	39	7	6	17	13	-	0	-	-	-	1	7	12	-	-	1.50	-	-	-	
Bromfield ...	99	20	7.2	1.2	4.2	-	15.9	10	-7.5	1	-	-	30	-	7	6	15	9	2	0	0	1	0	1	13	19	-	2	-	-	-	-	
Carlisle ...	21-9	26	6.8	2.4	4.6	-	15.0	10	-7.5	1	-	-	37	-	7	24	16	8	2	2	1	0	0	2	8	17	11	0	1.38	-	-	-	-
Newton Rigg * *	99	171	6.2	1.1	3.7	+1.3	13.8	10,11	-7.2	1	3.2	-	64	64	13	6	16	11	-	5	-	-	-	1	9	20	-	-	0.85	63	-	-	
Westmorland																																	
Great Dun Fell ...	21-9	847	1.2	-1.6	-0.2	-	9.0	11	-7.8	5	-	-	-	-	-	-	-	-	15	-	-	-	-	23	26	-	-	-	0.59	-	-	-	
Moor House ...	99	556	3.6	-1.2	1.2	-	10.2	10	-12.4	3	2.5	-	139	61	28	18	23	14	-	7	-	-	-	9	15	24	-	-	0.70	-	-	-	
Lancashire																																	
Squires Gate ...	21-9	10	6.9	2.2	4.5	+0.8	14.3	9	-7.8	4	-	-	51	62	7	22	16	14	3	0	0	0	0	2	8	12	10	1	1.61	103	-	-	
Aigburth ...	99	14	7.1	2.5	4.8	-	14.0	9	-5.8	4	-	-	62	-	8	29	19	15	3	1	0	0	0	4	6	8	10	0	1.46	-	-	-	
Southport ...	99	5	7.0	1.6	4.3	-	14.5	9	-7.7	4	4.1	7.6	57	72	9	22	19	13	-	0	-	-	-	6	7	10	-	-	1.43	-	-	-	
Cartmel ...	99	34	7.0	0.7	3.9	-	12.1	10	-7.7	1	-	-	61	-	17	6	16	12	1	0	0	0	0	1	11	-	-	0	-	-	-	-	
Grizedale ...	99	91	6.4	-0.1	3.1	-	11.9	10	-7.3	1	3.3	-	118	-	31	6	19	16	2	1	1	0	0	0	16	24	-	0	-	-	-	S	
Speke ...	21-9	22	6.8	2.5	4.7	+0.8	13.2	9	-6.7	4	-	-	59	83	7	6	20	14	3	0	1	4	0	3	7	13	12	0	1.50	-	-	-	-
Kirkham ...	99	24	7.0	1.6	4.3	-	14.5	9	-7.9	1	-	-	57	62	8	18	16	13	2	0	0	0	0	1	6	14	-	0	1.62	-	-	-	
Bailrigg ...	99	53	7.1	2.0	4.5	-	13.4	10	-5.9	1	-	-	60	-	11	22	15	14	-	0	-	-	-	1	7	18	-	-	1.43	-	-	-	
Morecambe ...	99	7	6.8	2.7	4.7	+1.0	13.1	9	-3.9	1	-	-	67	68	11	6	18	14	2	1	0	0	0	1	6	-	-	0	1.50	100	-	-	
Preston ...	99	33	7.1	1.9	4.5	-	12.9	7,9,10	-6.1	1	-	-	57	59	9	22	16	14	4	0	0	0	0	12	7	12	-	1	-	-	-	-	
Bolton ...	99	107	6.6	(1.3)	(3.9)	-	14.2	10	-6.7	4,5	4.0	5.0	68	-	12	22	19	13	-	0	-	-	-	2	7	17	-	-	0.98	-	-	-	
Stonyhurst * *	99	115	6.3	1.4	3.9	+0.9	12.7	9	-6.1	3	-	-	71	67	9	20	17	14	-	0	-	-	-	4	8	17	-	-	-	-	-	-	
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore ...	99	261	5.6	1.2	3.4	-	10.7	10	-5.2	4	3.9	-	103	61	16	6	18	13	-	3	-	-	-	11	6	22	-	-	1.05	-	-	S	
Burnley ...	99	200	6.2	1.6	3.9	-	12.2	10	-5.0	1	4.3	5.8	69	-	20	20	14	13	0	0	0	0	0	3	8	14	-	0	0.97	-	-	S	
Nelson ... *	99	165	6.4	1.1	3.7	-	12.7	10	-6.3	3,4	3.2	5.1	59	49	16	20	17	9	-	5	-	-	-	3	8	15	-	-	0.70	-	-	S	
Rochdale ...	99	110	6.7	1.2	3.9	-	14.2	10	-8.1	5	-	-	62	52	11	22	17	15	0	0	0	0	0	8	7	19	-	0	-	-	-	S	
Cheshire																																	
West Kirby Park ...	99	8	7.3	2.3	4.8	-	14.9	9	-5.8	4	-	-	64	-	13	21	18	15	-	0	-	-	-	6	13	-	-	-	1.45	-	-	-	
Bidston ... * *	99	60	7.1	2.5	4.8	+0.8	15.1	9	-5.3	4	-	-	60	93	11	21	19	15	0	-	0	0	0	3	6	7	-	0	1.61	103	-	-	-
Ness Gardens ...	99	55	7.3	1.9	4.6	-	15.4	9	-6.6	4	-	-	65	-	15	21	20	13	3	0	0	0	0	5	6	22	-	1	1.51	-	-	-	
Winnington ...	99	20	7.6	2.2	4.9	-	13.3	10	-6.3	4	-	-	54	74	7	6	20	16	2	1	0	0	0	5	6	8	-	0	-	-	-	-	
Knutsford ...	99	65	6.9	1.3	4.1	-	13.7	10	-11.6	4	3.4	5.1	63	79	9	23	18	15	-	5	-	-	-	6	23	-	-	-	-	-	-	-	
Ringway ... * *	21-9	75	6.7	2.6	4.7	+1.3	13.9	10	-9.1	4	-	-	55	73	9	22	16	14	3	1	0	1	0	2	6	10	7	0	1.56	143	-	-	-
Macclesfield ...	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl ...	99	9	8.4	3.2	5.8	+1.0	17.7	10	-3.9	4	-	-	68	106	11	21	19	18	1	0	0	1	0	0	6	7	-	0	1.75	93	-	-	-
Prestatyn ...	99	4	8.6	3.4	6.0	-	17.6	10	-6.3	4	-	-	69	100	13	21	20	15	2	0	0	0	0	0	5	-	-	0	1.75	116	-	-	-
Hawarden Bridge ...	99	5	7.5	1.6	4.5	+0.4	15.0	10	-7.2	4	-	-	71	110	17	21	19	13	2	1	0	1	0	5	7	-	-	0	-	-	-	-	
Anglesey																																	
Valley ... * *	21-9	10	8.2	4.4	6.3	+0.7	14.8	11	-1.0	4	-	-	61	67	8	21	19	14	1	0	1	1	0	1	2	12	6	11	1.46	78	-	-	-
Denbigh																																	
Colwyn Bay ...	99	26	8.9	3.7	6.3	-	17.2	10	-2.2	4,5	5.3	-	97	-	11	30	21	20	1	0	0	0	0	0	6	-	-	0	1.91	119	S	-	-
Alwen ...	99	335	5.8	-0.2	2.8	-	14.4	10	-12.2	4	-	-	125	-	17	6	22	16	-	-	-	-	-	-	10	16	-	-	-	-	-	-	-
Ruthin ...	99	76	7.7	2.2	4.9	-	15.9	10	-10.4	4	-	-	84	-	15	21	22	17	-	3	-	-	-	1	8	-	-	-	1.70	-	-	-	-
Loggerheads ...	99	210	7.1	1.4	4.3	-	15.1	10	-7.2	4	3.7	5.4	107	-	25	21	22	17	5	2	0	0	0	3	8	16	-	1	1.43	-	-	S	
Bwlchgwyn ...	99	386	5.5	1.6	3.5	-	11.7	9	-5.0	5,6	4.1	-	127	127	21	21	21	16	2	9	0	0	0	4	6	14	-	1	-	-	-	-	
Wrexham ...	99	88	6.9	1.4	4.1	-	13.3	8,9	-8.9	4	4.1	-	73	97	10	21	18	14	2	1	0	0	0	4	6	14	-	0	-	-	-	-	
Caernarvon																																	
Bardsey Island ...	21-9	18	8.4	6.0	7.2	-	11.0	10	0.0	5	-	-	94	-	16	28	22	15	-	-	-	-	0	0	1	1	-	-	-	-	-	-	
Botwnnog ...	99	34	8.6	3.9	6.3	-	11.9	11	-2.8	4	5.9	7.1	102	-	14	21	24	19	1	0	0	0	0	0	3	10	-	1	1.41	-	-	-	-
Pen-y-Ffridd ...	99	84	8.8	3.5	6.1	-	16.2	10	-2.8	4	-	-	85	68	13	21	21	16	1	0	0	0	0	0	4	20	-	0	1.18	-	-	-	-
Aber ...	99	18	9.1	3.8	6.5	+0.8	18.3	10	-2.2	4	-	6.9	97	87	13	20	20	15	2	0	0	0	0	0	4	8	-	4	0.71	70	S	-	-
Merioneth																																	
Trawsfynydd ...	99	186	7.6	2.9	5.3	-	15.6	9,10	-3.9	4	-	-	135	-	20	6	22	20	-	0	-	-	-	7	15	-	-	-	-	-	-	-	
Bala ...	99	163	7.1	1.7	4.4	-	15.3	9	-9.8	4	4.2	5.5	138	-	19	6	19	16	3	2	0	3	0	2	6	17	15	5	0.81	-	-	-	-
Corwen ...	99	144	7.2	0.3	3.7	-	14.6	10	-9.4	4	-	-	133	112	23	21	2																

Table 3 Summary of daily observations

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For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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 amount (mm)	date	precip'n 0.2mm or more	1.0mm or more	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																						
NORTHERN IRELAND — continued																																		
Londonderry — continued																																		
Garvagh Forest ...	99	88	7.6	1.7	4.7	-	12.4	9	-4.9	30	5.0	6.6	83	-	13	18	22	17	2	0	1	0	0	0	7	8	20	-	-	-	-	-	-	
Moneydig ...	21-9	34	7.2	2.6	4.9	+1.2	12.6	9,10	-3.4	30	5.4	-	72	68	11	6	21	16	3	0	0	0	0	0	4	7	18	15	0	-	1.93	-	-	
Traad Point ...	99	16	-	-	-	-	-	-	-	-	-	-	64	-	13	5	22	13	0	-	0	0	0	0	-	-	-	-	-	-	-	-	-	
Antrim																																		
Ballymoney ...	99	55	8.3	2.0	5.1	-	12.4	10	-3.7	31	-	-	67	-	9	23	21	18	0	-	0	0	1	0	1	8	-	-	-	-	-	-	-	
Lisnafillan ...	99	38	7.6	1.8	4.7	-	12.0	9	-3.9	30	-	-	73	-	15	5	24	15	0	0	0	0	0	0	5	8	20	-	-	-	1.87	-	-	
Aldergrove ¶ §	21-9	68	7.4	2.9	5.1	+1.4	13.2	8	-5.1	30	5.1	7.0	52	55	13	20	21	11	3	0	0	0	0	1	6	16	14	0	-	1.84	126	-	-	
Greenmount ...	99	32	7.7	1.9	4.8	-	12.9	10	-5.3	30	5.1	-	58	-	16	20	20	11	0	0	0	0	0	-	8	16	-	-	-	-	-	-		
Altnahinch ...	99	226	6.3	1.5	3.9	-	10.7	8	-4.5	2	-	-	101	-	21	20	24	21	1	0	0	0	0	1	11	21	-	3	-	1.57	-	-	-	
Parkmore Forest ...	99	235	5.9	1.6	3.7	-	11.1	6,9,10	-5.0	2	4.9	-	116	71	28	20	25	21	2	0	0	0	0	2	10	21	-	1	-	-	-	-		
Black Mountain ...	21-9	295	5.7	2.0	3.9	-	11.3	10	-3.1	1	-	-	81	-	19	27	21	13	2	1	0	0	0	11	6	-	-	1	-	-	-	-		
Lowtown ...	99	271	6.1	0.9	3.5	-	11.1	10	-5.6	2	4.5	-	105	-	25	20	25	14	1	0	0	0	0	9	10	20	-	3	-	1.97	-	-		
Ballypatrick Forest ...	99	152	7.1	2.1	4.6	-	12.1	10	-5.4	1	-	-	66	52	12	20	20	16	0	0	0	0	0	0	4	8	17	-	-	-	-	1.48	-	
Belfast Malone ¶ §	99	35	8.0	2.0	5.0	-	12.8	6,8,9	-4.9	30	4.9	-	70	-	19	20	20	13	0	-	0	0	0	0	4	8	17	-	-	-	-	1.48	-	
Newtownabbey ...	99	32	8.4	3.3	5.9	-	13.2	8,9	-2.9	4	5.4	-	72	-	14	20	17	12	1	0	2	0	0	0	5	17	-	2	-	1.72	-	5	-	
Woodburn North ...	99	217	6.6	1.3	3.9	-	11.1	6,8,9	-4.4	30	-	-	83	63	15	20	22	11	2	1	0	0	0	11	10	19	-	0	-	-	-	-		
Larne ...	99	43	8.3	2.7	5.5	-	13.0	8	-3.5	2	-	-	74	65	19	20	21	11	0	0	0	1	0	0	5	-	-	0	-	-	-	-		
Kilroot ...	99	22	8.4	2.0	5.2	-	12.3	6	-4.4	31	-	-	55	-	12	20	19	10	0	0	0	0	0	0	5	17	-	-	-	-	-	-		
Ballylumford ...	99	24	8.3	3.3	5.8	-	12.8	6,8	-1.2	2	-	-	67	-	15	20	21	11	0	-	0	0	0	0	5	12	-	-	-	-	-	-	-	
Down																																		
Hillsborough ¶ §	99	116	7.2	2.4	4.8	+1.1	12.8	10	-3.9	30	5.6	7.1	60	63	18	20	19	9	0	0	0	0	0	1	6	18	-	5	-	1.67	108	-	-	
Kilkeel ...	21-9	18	8.0	3.9	5.9	+0.9	11.6	8	-2.5	30	-	-	43	-	10	5	14	10	0	0	0	0	0	0	3	12	10	4	-	2.05	-	-	-	
Tollymore Park ...	99	76	8.1	2.5	5.3	-	13.3	8	-3.3	30	-	-	113	-	25	18	22	13	2	0	0	0	0	2	6	15	-	1	-	-	-	-	-	
Rosetta ...	99	24	8.1	2.7	5.4	-	13.3	6	-2.8	4	-	-	66	-	19	20	19	14	0	-	0	0	0	-	5	-	-	-	-	-	-	-	-	
Murlough ...	99	9	8.3	2.5	5.4	-	12.7	8	-6.3	30	5.1	6.2	68	-	15	5	16	9	0	0	1	0	0	1	8	13	-	6	-	2.00	-	-	-	
Belfast Rosebank ...	99	47	8.2	2.8	5.5	-	13.0	6,8	-4.3	30	-	-	60	-	15	20	18	11	-	0	-	-	-	1	5	-	-	-	-	-	-	-	-	
Stormont Castle ...	99	56	8.2	2.8	5.5	-	12.8	6	-2.8	30	3.9	6.3	72	71	18	20	20	10	1	0	0	0	0	6	5	17	-	3	-	1.74	-	-	-	
Downpatrick ...	99	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Creightons Green ...	99	119	7.1	2.6	4.9	-	11.8	6	-2.9	30	-	-	68	-	15	20	17	9	1	0	0	0	0	1	5	14	-	3	-	-	-	-	-	
Reagh Island ¹⁰ ...	99	12	8.4	3.3	5.9	-	12.3	6	-3.9	4	-	-	46	-	12	20	14	10	0	-	0	0	0	0	3	5	14	-	3	-	1.66	-	-	
Helens Bay ...	99	43	7.6	3.3	5.5	-	12.4	6	-1.7	30	-	-	62	-	12	20,27	14	9	1	0	2	0	0	0	6	16	-	1	-	1.65	-	-	-	
Killough ...	21-9	15	7.6	3.9	5.7	-	10.7	7,9	-3.0	30	-	-	63	-	15	27	16	10	0	0	0	0	0	1	5	9	9	7	-	-	-	-	-	
Ballywalter Park ...	-	-	-	-	-	-	-	-	-	-	-	-	61	66	16	27	18	11	-	-	-	-	-	-	-	-	-	-	-	1.32	-	-	-	
Armagh																																		
Armagh ¶ §	99	62	7.5	2.3	4.9	+0.8	12.9	9	-5.0	30	5.4	6.8	48	58	15	20	20	10	0	0	1	0	0	4	6	20	-	0	-	1.75	111	-	-	
Loughgall ...	99	25	7.9	1.9	4.9	-	13.2	9	-5.6	4	-	-	37	47	7	20	16	9	1	0	0	0	0	4	9	21	-	0	-	1.83	-	-	-	
Tandragee ...	99	43	7.7	2.0	4.9	-	13.2	9	-6.0	4,30	-	-	49	-	9	22	18	12	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	
Bessbrook ...	-	-	-	-	-	-	-	-	-	-	-	-	83	79	12	22	22	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Portadown ...	99	16	7.9	1.8	4.9	-	13.3	10	-6.0	30	5.3	6.9	38	-	6	20	17	9	0	-	0	0	0	-	8	19	-	0	-	-	-	-	-	
Lurgan ...	99	55	7.7	2.1	4.9	-	13.1	9	-6.1	4	4.8	6.6	42	-	8	20	17	9	-	-	-	-	-	-	7	21	-	-	-	1.82	-	-	-	
Tyrone																																		
Lough Bradan ...	99	169	6.8	1.3	4.1	+0.7	11.7	6,9	-5.6	31	-	-	117	-	16	5	20	16	-	0	-	-	-	3	6	25	-	-	-	-	-	2.02	138	-
Baronscourt Forest ...	99	88	7.4	2.0	4.7	-	12.6	9	-4.7	31	-	-	108	-	16	18	21	14	1	0	0	0	0	0	9	20	-	-	-	-	-	-	-	
Strabane Convent ...	99	44	8.0	2.9	5.5	-	13.0	9	-3.0	30	-	-	101	-	15	18	23	16	2	0	0	0	0	5	15	-	5	-	2.21	-	-	-	-	
Carrigans ...	21-9	113	7.4	2.7	5.1	-	12.8	9,10	-4.9	30	-	-	100	-	18	24	21	17	4	0	0	0	0	2	7	16	11	0	-	-	-	-	-	
Lislap Forest ...	99	209	7.2	1.1	4.1	-	11.7	6,10	-4.4	30,31	4.5	-	117	86	19	24	20	15	2	0	0	0	0	0	14	21	-	0	-	-	-	-	-	
Knockmany Forest ...	99	73	7.6	0.8	4.2	-	12.7	8,9	-6.8	31	-	-	72	70	15	18	20	11	1	0	0	0	0	7	16	22	-	-	-	-	-	-	-	
Pomeroy Forest ...	99	165	6.9	1.5	4.2	-	11.8	6	-4.1	30	5.0	-	91	-	15	18	22	16	2	1	0	0	0	5	9	19	-	1	-	-	-	-	-	
Cookstown ...	99	77	7.6	1.6	4.6	-	12.7	9	-5.6	30	4.9	-	80	79	17	5	19	16	0	-	0	0	0	3	10	21	-	-	-	2.06	-	-	-	
Fermanagh																																		
Roscor ...	99	143	7.3	2.3	4.8	-	12.4	9	-3.0	30,31	-	-	96	81	15	20	23	17	2	0	1	0	0	3	5	22	-	0	-	-	-	-	-	
Lough Navar Forest ...	99	148	7.4	0.8	4.1	-	11.9	8,10	-7.0	30	-	-	106	-	17	18	19	16	2	0	0	0	0	4	12	22	-	1	-	-	-	-	-	
Castle Archdale ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Forest ... ¶ §	99	66	7.7	1.9	4.8	+0.7	12.7	9	-3.6	30	5.2	5.9	77	76	12	18	23	14	1	0	0	0	0	3	8	21	-	2	-	1.80	109	-	-	
Lisnaskea ...	99	49	7.8	1.9	4.9	-	12.4	9	-4.4	30	-	-	69	-	11	18	17	13	0	-	0	0	0	5	11	19	-	1	-	1.59	-	-	-	
Pubble Forest ...	99	91	7.7	1.8	4.7																													

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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	speed (kt)												
																									8 or more	6-7	4-5	1-3									calm
number of observations																																					
0 SCOTLAND N																																					
Lerwick [Zetland]																																					
83	3	1000.1	-	4.4	0.9	7.3	86	6.9	0	0	6	6	19	0	0	0	0	0	2	6	8	9	6	0	5	17	7	2	3	2	4	6	7	2	3	2	
	9	1000.5	-0.0	4.4	1.0	7.3	85	6.7	0	1	4	12	14	0	0	0	0	0	3	6	10	7	5	0	5	14	9	3	1	4	4	4	7	4	2	2	
	15	1000.0	-	4.4	0.9	7.4	86	7.2	0	0	2	16	12	1	0	0	0	0	2	9	7	2	10	0	4	19	6	2	2	5	5	6	5	2	2		
	21	1000.9	-	4.3	1.2	7.1	83	6.1	1	3	6	5	16	0	0	0	0	1	2	6	7	6	9	1	4	16	10	0	6	1	6	3	9	5	1	0	
Kirkwall [Orkney]																																					
26	3	999.2	-	4.8	0.6	8.0	92	6.5	0	3	2	14	12	0	0	0	1	0	8	10	11	1	0	8	12	9	2	1	3	3	5	8	3	5	1		
	9	1000.0	-7.1	4.5	0.5	7.9	92	6.7	0	1	4	17	9	0	0	0	0	0	8	6	13	4	0	5	14	10	2	1	0	6	7	8	3	3	1		
	15	999.7	-	5.4	0.7	8.1	90	6.5	0	1	6	14	10	0	0	0	0	1	0	7	5	14	4	0	3	16	11	1	2	4	3	8	6	4	2	1	
	21	1000.0	-	4.7	0.5	8.0	92	6.1	0	5	3	10	13	0	0	0	0	1	9	9	10	2	1	7	13	9	1	2	3	6	6	8	2	3	0		
Wick [Caithness]																																					
37	3	999.4	-	4.6	0.8	7.5	87	6.1	1	3	4	13	9	1	0	0	0	2	0	1	5	7	10	6	0	3	15	12	1	1	0	5	3	12	3	5	1
	9	999.9	-7.7	4.7	0.8	7.6	88	6.4	0	3	4	11	13	0	0	0	0	1	0	8	5	11	6	0	3	12	15	1	1	0	6	3	13	2	4	1	
	15	999.6	-	5.3	0.9	7.8	87	6.5	0	1	8	13	9	0	0	0	0	0	1	9	6	6	9	0	2	15	13	1	1	1	5	5	9	3	5	1	
	21	999.8	-	4.8	0.8	7.6	87	6.1	1	4	1	17	8	0	0	0	0	0	1	9	5	9	6	0	4	13	12	2	3	1	2	8	7	6	2	0	
Cape Wrath* [Sutherland]																																					
113	3	997.5	-	5.8	1.5	7.3	79	6.3	0	1	8	11	11	0	0	0	0	0	0	0	4	10	17	1	6	5	18	1	0	3	6	3	5	9	4	0	
	9	998.0	-	5.8	1.4	7.3	80	7.0	0	0	2	16	13	0	0	0	0	0	0	0	3	10	18	1	4	9	15	2	0	3	7	3	4	9	2	1	
	15	997.9	-	6.3	1.6	7.4	76	6.8	0	0	5	12	14	0	0	0	0	0	0	1	6	9	15	3	1	10	17	0	1	4	7	2	7	7	3	0	
	21	997.6	-	5.8	1.3	7.4	80	6.5	0	1	6	7	17	0	0	0	0	0	0	0	5	9	17	2	5	8	15	1	0	6	6	3	4	10	1	0	
Stornoway [Ross & Cromarty]																																					
5	3	997.9	-	5.2	0.3	8.6	96	5.8	0	6	4	9	12	0	0	0	0	0	0	4	13	10	4	1	5	10	12	3	4	1	6	3	10	4	0	0	
	9	998.2	-8.9	5.2	0.2	8.7	96	6.9	0	2	3	9	17	0	0	0	0	0	0	9	14	2	6	1	7	10	10	3	3	0	6	2	12	2	2	1	
	15	997.8	-	6.4	0.4	9.1	93	6.3	0	4	4	10	13	0	0	0	0	0	1	5	13	4	8	1	7	12	8	3	2	1	6	1	10	6	2	0	
	21	998.2	-	5.3	0.3	8.6	95	5.3	2	6	4	9	10	0	0	0	0	0	0	5	9	11	6	3	5	9	10	4	1	1	3	4	11	4	2	1	
Benbecula [Inverness-shire]																																					
7	3	997.0	-	5.4	0.6	8.2	91	6.2	0	2	8	10	11	0	0	0	1	1	2	6	8	9	4	0	7	8	13	3	5	0	3	8	10	0	1	1	
	9	997.8	-9.6	5.5	0.7	8.2	90	6.4	0	4	2	15	10	0	0	0	0	0	0	5	13	5	8	0	5	13	7	6	2	3	3	2	11	4	0	0	
	15	997.7	-	6.8	0.9	8.7	87	6.2	0	3	4	19	5	0	0	0	0	0	0	4	10	6	11	1	6	9	13	2	1	4	4	3	9	4	4	0	
	21	998.2	-	5.5	0.7	8.2	90	6.2	1	2	7	7	14	0	0	0	0	0	2	3	11	8	7	0	4	12	12	3	2	1	2	5	14	2	0	2	
1 SCOTLAND E																																					
Kinloss [Moray]																																					
6	3	999.5	-	4.2	1.1	6.9	84	6.2	0	2	9	7	13	0	0	0	0	0	1	5	9	10	6	0	1	7	19	4	1	0	5	3	4	14	0	0	
	9	999.9	-8.7	3.8	1.0	6.9	84	6.8	0	1	2	18	10	0	0	0	0	1	3	2	8	8	9	0	2	6	19	4	1	0	6	0	9	8	3	0	
	15	999.6	-	5.8	1.3	7.4	80	6.4	0	2	3	20	6	0	0	0	0	0	2	5	5	6	13	0	2	10	17	2	2	3	5	0	6	10	3	0	
	21	999.9	-	4.6	1.2	7.0	82	5.9	0	4	8	7	11	1	0	0	0	1	3	0	7	3	11	6	0	0	10	17	4	1	0	4	1	7	13	1	0
Dyce [Aberdeenshire]																																					
59	3	1000.6	-	3.9	0.7	7.3	89	6.1	2	3	3	9	14	0	0	0	0	1	2	8	11	6	3	0	1	12	12	6	2	0	4	1	9	6	1	2	
	9	1001.0	-8.4	3.9	0.7	7.3	89	6.9	0	1	1	19	10	0	0	0	1	2	6	6	10	3	3	0	4	8	16	3	1	1	2	3	8	4	4	5	
	15	1000.6	-	5.2	1.0	7.6	84	6.3	0	3	4	16	8	0	0	0	0	2	3	11	8	5	2	0	4	9	14	4	3	1	0	4	12	4	1	2	
	21	1001.2	-	4.2	0.8	7.4	88	6.3	1	4	2	10	14	0	0	0	0	2	8	9	6	4	2	0	3	9	16	3	1	1	1	2	14	3	5	1	
Fraserburgh [Aberdeenshire]																																					
22	3	1000.3	-	5.4	0.4	8.5	94	6.5	0	3	4	6	18	0	0	0	0	2	7	14	8	0	0	3	12	15	1	1	1	3	2	15	4	3	1		
	9	1000.6	-7.9	5.4	0.3	8.5	94	6.8	0	0	4	17	10	0	0	0	0	0	1	4	17	9	0	1	3	11	14	2	2	0	5	0	16	1	3	2	
	15	1000.3	-	6.0	0.4	8.9	94	6.5	0	1	8	10	12	0	0	0	0	0	3	5	16	7	0	0	4	10	17	0	2	0	3	2	15	3	4	2	
	21	1000.9	-	5.4	0.4	8.5	93	6.4	0	3	5	8	15	0	0	0	0	0	1	8	19	3	0	0	4	10	16	1	2	0	2	3	13	4	6	0	
Usan [Angus]																																					
35	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Leuchars [Fife]																																					
12	3	1000.9	-	4.0	0.6	7.5	91	6.5	0	3	5	9	14	0	0	0	0	2	1	4	4	9	10	1	0	2	8	15	6	3	1	3	3	0	11	4	0
	9	1001.1	-9.0	3.9	0.6	7.5	91	6.8	0	0	5	16	10	0	0	1	0	1	3	5	3	9	5	4	0	5	6	13	7	1	1	4	0	3	11	4	0
	15	1000.8	-	5.5	0.9	7.9	86	6.1	0	5	2	15	9	0	0	0	1	0	2	5	4	10	6	3	0	2	8	17	4	1	3	3	1	8	7	1	
	21	1001.3	-	4.1	0.6	7.5	90	6.1	0	3	6	12	10	0	0	0	0	0	4	4	11	9	1	0	1	8	17	5	3	1	2	2	3	8	7	0	
Turnhouse [Midlothian]																																					
44	3	1001.1	-	3.9	0.7	7.4	89	6.5	0	1	6	11	13	0	0	0	1	1	3	7	16	3	0	0	2	5	17	7	0	2	4	2	1	12	3	0	
	9	1001.4	-0.2	4.3	0.8	7.5	88	7.1	0	1	1	17	11	1	0	1	0	0	3	6	4	16	0	1	0	2	7	11	11	2	3	1	1	5	6	2	0
	15	1001.0	-	5.9	1.2	7.8	83	6.3	0	2	4	16	9	0	0	0	0	0	4	6	14	0	1	1	1	11	14	4	2	6	1	0	6	10	2	0	
	21	1001.4	-	4.5	0.9	7.4	86	5.7	0	7	3	10	10	1	0	0	1	0	1	7	8	12	1	1	0	2	7	16	6	2	3	2	2	6	8	2	0
6a SCOTLAND W																																					
Tiree [Argyll]																																					

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the introduction.																																										
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)				
																																						34 or more	22-33	11-21	1-10	0
number of observations																																										
6a SCOTLAND W -continued																																										
Prestwick [Ayrshire]																																										
21	3	1000.5	-	4.1	0.7	7.4	89	5.3	2	7	3	7	12	0	0	0	0	0	2	10	14	5	0	0	2	12	13	4	0	3	3	9	6	5	1	0	0					
	9	1000.9	-10.0	4.4	0.7	7.6	89	6.5	0	2	4	18	7	0	0	0	0	1	6	8	12	3	1	0	2	11	15	3	0	1	4	6	12	3	2	0	0					
	15	1000.6	-	6.2	1.2	7.9	83	6.6	0	1	4	15	11	0	0	0	0	1	7	9	12	1	1	0	1	10	16	4	0	3	3	4	10	5	2	0	0					
	21	1001.0	-	4.4	0.6	7.7	90	5.5	1	8	1	9	12	0	0	0	0	1	5	11	11	2	1	0	1	10	17	3	2	1	3	11	7	4	0	0	0					
Eskdalemuir [Dumfriesshire] 13																																										
237	3	1001.8	-	-	-	-	-	6.1	2	2	5	7	14	1	0	0	1	3	3	7	10	3	4	0	0	4	7	9	11	2	3	3	1	6	5	0	0	0				
	9	1002.2	-9.1	-	-	-	-	7.1	0	2	2	6	21	0	0	0	2	2	4	13	7	2	1	0	4	8	6	13	3	0	2	0	8	4	0	1	0	0				
	15	1001.6	-	-	-	-	-	7.1	0	1	3	9	18	0	0	0	3	1	3	12	8	3	1	0	2	9	11	9	3	2	1	1	8	7	0	0	0					
	21	1002.1	-	-	-	-	-	7.0	0	2	2	7	19	1	0	0	1	3	5	12	8	1	0	0	2	3	15	11	4	0	1	2	9	3	1	0	0					
Mull of Galloway [Wigtownshire]																																										
79	3	999.8	-	5.6	0.6	8.2	89	5.2	6	5	0	4	16	0	0	0	0	2	2	6	3	13	5	4	6	16	5	0	5	2	2	4	14	0	3	1	0					
	9	1000.3	-	5.8	0.8	8.2	88	6.2	1	2	6	8	14	0	0	0	0	2	1	5	10	9	4	5	6	13	7	0	5	0	2	6	11	5	2	0	0					
	15	999.9	-	6.6	1.0	8.3	84	6.2	0	1	8	13	8	1	0	0	0	1	2	0	5	11	10	2	3	9	12	7	0	4	0	4	3	14	2	3	1	0				
	21	1000.0	-	5.9	0.9	8.2	87	5.8	2	3	5	6	15	0	0	0	0	2	0	5	6	13	5	3	9	13	6	0	5	1	2	3	14	1	3	2	0	0				
6b ISLE OF MAN																																										
Ronaldsway																																										
21	3	1001.4	-	6.0	0.7	8.5	89	6.2	1	4	3	9	14	0	0	0	0	1	4	8	6	7	5	0	3	12	16	0	4	2	4	3	9	3	2	4	1	0				
	9	1001.9	-9.9	6.4	0.7	8.6	88	6.2	0	5	1	17	8	0	0	0	0	2	3	5	11	6	4	0	5	11	15	0	3	0	6	3	9	5	4	1	0	0				
	15	1001.3	-	7.4	1.1	8.8	84	5.9	0	5	3	16	7	0	0	0	0	1	2	9	7	5	7	0	5	15	10	1	2	2	6	1	10	5	1	3	0					
	21	1001.6	-	6.1	0.7	8.5	88	6.1	2	3	3	10	13	0	0	0	0	2	3	8	8	5	5	0	4	13	14	0	6	1	6	2	9	2	5	0	0					
Point of Ayre																																										
9	3	1001.0	-	6.0	0.5	8.8	93	5.7	0	4	9	6	12	0	0	0	0	0	2	5	9	6	9	0	5	13	11	2	4	0	2	8	7	5	1	2	0					
	9	1001.5	-	6.1	0.5	8.8	92	5.9	1	1	7	15	7	0	0	0	0	2	2	3	7	13	4	0	3	13	14	1	2	1	2	8	7	8	2	0	0					
	15	1001.2	-	7.2	0.8	9.0	88	5.7	0	2	9	14	6	0	0	0	0	1	2	0	4	8	10	6	1	4	9	14	3	2	0	2	10	7	4	1	2	0				
	21	1001.4	-	6.0	0.5	8.8	93	5.4	1	6	5	10	9	0	0	0	0	1	0	5	11	7	7	0	6	10	11	4	3	1	0	10	8	3	2	0	0					
2 ENGLAND NE																																										
Acklington [Northumberland]																																										
46	3	1002.2	-	3.6	0.6	7.3	91	6.3	2	3	3	6	17	0	0	0	0	1	2	7	5	5	7	4	0	2	6	20	3	3	0	1	3	7	6	8	0	0				
	9	1002.4	-8.6	3.8	0.6	7.4	90	6.8	0	0	3	20	8	0	0	0	0	4	8	7	7	5	0	0	4	6	18	3	2	0	1	4	5	6	9	1	0					
	15	1002.1	-	5.3	0.9	7.8	87	6.3	0	4	3	13	11	0	0	0	0	2	2	10	4	7	6	0	1	1	8	16	5	3	2	1	2	8	3	6	1	0				
	21	1002.6	-	3.4	0.5	7.2	91	5.8	2	3	4	12	10	0	0	0	0	3	3	7	8	4	6	0	0	1	7	17	6	1	1	0	3	6	6	6	2	0				
Tynemouth [Northumberland]																																										
40	3	1002.6	-	4.6	0.7	7.6	88	6.1	2	3	2	11	12	1	0	1	0	0	1	1	12	8	8	0	0	4	12	13	2	1	1	2	0	10	4	10	1	0				
	9	1002.8	-8.7	4.6	0.7	7.7	90	6.6	0	2	3	13	12	1	0	1	2	0	4	15	7	1	0	0	3	17	9	2	3	1	0	3	11	2	8	1	0					
	15	1002.5	-	5.7	1.0	7.9	85	6.5	0	1	6	13	11	0	0	0	0	1	9	2	12	4	3	0	1	4	12	12	2	3	1	1	2	11	5	5	1	0				
	21	1003.0	-	5.0	0.7	7.8	88	5.7	5	2	2	6	16	0	0	0	0	1	3	6	8	11	2	0	2	1	12	13	3	2	1	0	2	14	4	4	1	0				
Seahouses [Northumberland]																																										
12	3	1002.6	-	4.4	0.6	7.7	90	5.7	2	3	6	5	15	0	0	0	0	1	0	3	9	14	3	1	0	5	8	16	2	1	0	2	1	13	3	7	2	0				
	9	1002.4	-	4.2	0.6	7.6	91	6.2	1	4	8	12	8	1	0	0	0	1	1	4	7	12	6	0	1	2	8	19	1	1	1	3	1	12	6	6	0					
	15	1002.1	-	5.7	1.0	7.9	86	6.2	0	1	4	12	11	0	0	0	0	2	4	11	7	6	1	2	2	9	17	1	2	2	3	1	13	4	6	0	0					
	21	1002.6	-	4.4	0.6	7.7	91	5.7	2	5	3	7	13	1	0	0	0	3	0	3	12	10	2	1	0	5	8	18	0	0	2	2	1	16	6	4	1	0				
Leeming [Yorkshire N.R.]																																										
33	3	1003.3	-	3.8	0.7	7.3	89	6.5	1	2	4	5	13	6	0	5	0	3	4	3	6	2	5	2	0	0	13	13	5	1	0	0	3	10	3	5	4	0				
	9	1003.7	-8.8	3.6	0.5	7.3	90	6.8	0	1	5	10	9	6	0	5	2	3	3	3	6	3	4	2	0	0	10	19	2	1	1	1	3	14	1	3	5	0				
	15	1003.2	-	5.6	0.9	8.0	86	6.8	0	2	1	16	11	1	0	1	0	3	8	3	7	6	3	0	0	1	8	21	1	5	0	2	5	13	3	1	1	0				
	21	1003.6	-	4.2	0.7	7.5	89	6.5	2	2	4	5	14	4	0	2	1	6	7	1	5	5	2	2	0	0	10	15	6	3	0	2	3	14	0	2	1	0				
Whitby Coastguard [Yorkshire N.R.]																																										
66	3	1003.0	-	4.4	0.3	8.1	95	6.3	1	2	5	8	15	0	0	0	0	0	3	1	11	14	2	0	0	3	14	10	4	0	1	0	5	7	10	3	1	0				
	9	1003.8	-	4.1	0.3	7.9	94	6.0	0	2	8	9	12	0	0	0	0	0	3	0	11	15	2	0	0	3	9	15	4	0	1	1	4	9	11	1	0	0				
	15	1002.9	-	5.8	0.6	8.5	91	6.6	0	1	7	10	12	1	0	0	1	0	2	1	12	14	1	0	1	2	11	11	6	1	1	0	2	11	6	2	2	0				
	21	1003.4	-	4.8	0.5	8.0	93	5.8	1	4	7	8	12	1	0	0	0	1	1	1	15	13	0	0	0	2	10	17	2	1	1	0	3	14	7	3	0	0				
Kilnsea [Yorkshire E.R.]																																										
16	3	1004.7	-	3.8	0.3	7.7	95	6.2	4	0	5	4	16	2	2	0	1	1	4	5	10	8	0	0	0	4	17	6	4	1	1	1	4	8	6	5	1	0				
	9	1004.8	-8.0	4.0	0.4	7.7	93	6.7	0	0	7	9	13	2	0	1	1	0	3	7	10	9	0	0	0	7	13	10	1	1	1	5	1	7	8	5	2	0				
	15	1004.7	-	5.1	0.6	8.0	90	6.5	0	0	9	9	13	0	0	0	1	1	1	10	13	5	0	0	1	6	10	12	2	2	2	3	8	6	3	4	0	0				
	21	1004.7	-	4.4	0.4	7.9	94	6.0	3	1	7	4	15	1	0	1	0	0	8	1	11	10	0	0	1	4	16	9	1	1	2	1	3	12	6	3	2	0				
Waddington [Lincolnshire]																																										
69	3	1004.4	-	3.1	0.3	7.3	93	6.5	1	4	2	4	17	3	0	2	4	2	5	4	5	6	3	0	0	1	10	20	0	2	2	3	5	7	8	3	1	0				
	9	1004.8	-8.8	3.4	0.4	7.4	93	6.7	0																																	

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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)				
																																						34 or more	22-33	11-21	1-10	0
																																						number of observations				
3 ENGLAND E - continued																																										
Wattisham [Suffolk]																																										
91	3	1006.1	-	3.6	0.3	7.7	95	6.4	2	2	3	5	16	3	0	3	2	3	5	6	6	4	2	0	0	1	8	22	0	1	0	0	4	8	7	3	4					
	9	1006.4	-	3.4	0.3	7.6	95	7.0	0	2	2	11	13	3	1	4	0	1	4	6	12	2	1	0	0	1	10	19	1	3	0	2	3	11	8	2	1					
	15	1005.9	-	5.2	0.7	8.1	90	6.9	0	3	2	9	14	3	0	3	0	3	2	8	9	4	2	0	0	0	13	16	2	1	0	1	3	8	11	4	1					
	21	1006.0	-	3.8	0.3	7.8	94	6.7	0	3	3	5	16	4	0	4	0	3	2	7	13	2	0	0	0	0	12	18	1	1	1	2	4	14	3	4	1					
Aldeburgh [Suffolk]																																										
9	3	1006.5	-	-	-	-	-	5.8	2	3	5	7	13	1	0	2	1	1	5	5	12	5	0	0	0	5	6	18	2	0	0	0	3	5	10	7	2					
	9	1006.1	-	-	-	-	-	6.4	1	3	3	10	12	2	0	1	0	2	4	4	15	5	0	0	0	0	10	19	2	0	0	2	4	6	10	3	4					
	15	1006.4	-	-	-	-	-	4.9	8	2	3	2	15	1	0	1	1	2	3	1	14	9	0	0	0	4	8	16	3	1	1	1	4	4	10	5	2					
Wytton [Huntingdonshire]																																										
43	3	1005.4	-	4.1	0.5	7.7	92	6.6	1	4	0	6	15	5	0	2	2	2	5	5	6	8	1	0	0	0	8	22	1	1	2	3	4	9	6	5	0					
	9	1005.8	-	3.8	0.4	7.6	92	6.9	0	1	3	11	12	4	1	2	1	2	5	6	9	5	0	0	0	0	7	23	1	1	2	2	6	7	7	3	2					
	15	1005.2	-	5.9	1.0	8.1	86	6.9	0	2	2	11	14	2	0	2	0	2	4	5	11	5	2	0	0	0	8	20	3	1	0	2	5	10	5	3	2					
	21	1005.4	-	4.3	0.5	7.8	92	6.2	2	3	2	9	11	4	0	3	1	4	2	5	6	9	1	0	0	0	9	18	4	1	2	4	2	10	4	3	1					
Cardington [Bedfordshire]																																										
29	3	1005.4	-	3.8	0.3	7.7	95	5.8	4	4	2	2	16	3	0	3	0	2	7	2	6	9	2	0	0	0	10	20	1	1	3	2	5	5	9	5	0					
	9	1005.9	-8.6	3.8	0.3	7.8	95	6.8	0	2	3	9	12	5	0	3	2	1	3	5	9	7	1	0	0	1	9	20	1	1	2	2	4	7	9	3	2					
	15	1005.1	-	5.8	0.7	8.4	90	7.1	0	2	2	8	17	2	0	2	0	0	5	3	11	6	4	0	0	0	8	22	1	1	2	2	4	7	8	6	0					
	21	1005.4	-	4.3	0.3	8.0	95	6.0	3	3	1	9	15	0	0	1	1	3	5	6	6	5	4	0	0	0	10	21	0	1	1	5	3	13	2	5	1					
Stansted [Essex]																																										
102	3	1005.9	-	3.7	0.4	7.7	95	6.9	1	1	3	6	16	4	0	1	2	3	4	4	8	6	3	0	0	0	8	22	1	1	0	6	3	8	8	2	2					
	9	1006.3	-8.7	3.8	0.3	7.8	95	6.4	1	2	4	9	11	4	0	1	4	2	4	4	10	4	2	0	0	0	7	22	2	1	0	3	4	10	7	3	1					
	15	1006.0	-	5.5	0.7	8.2	89	6.6	0	3	2	13	11	2	0	2	0	2	4	6	10	2	5	0	0	0	10	18	3	1	0	2	7	6	8	3	1					
	21	1005.9	-	3.9	0.3	7.8	94	6.7	1	2	2	9	14	3	0	1	3	1	4	7	5	9	1	0	0	1	10	17	3	1	1	4	5	8	5	3	1					
Shoeburyness [Essex]																																										
5	9	1006.8	-8.3	4.2	0.5	7.7	92	6.7	0	3	1	14	9	4	0	4	0	1	2	6	12	3	3	0	0	1	11	17	2	0	1	3	1	11	7	5	1					
	15	1006.3	-	6.1	0.9	8.2	86	6.4	0	3	2	14	10	2	0	2	0	0	3	7	9	5	5	0	0	1	15	13	2	0	0	2	4	8	11	3	1					
	21	1006.3	-	4.6	0.5	7.9	92	5.6	5	3	1	6	14	2	0	1	1	3	5	4	8	5	4	0	0	2	9	19	1	2	0	3	5	9	4	5	2					
Walton-on-Naze [Essex]																																										
8	3	1006.5	-	4.1	0.6	7.6	91	6.0	4	2	4	1	17	3	0	1	1	1	5	5	8	10	0	0	0	4	9	18	0	0	0	2	3	7	7	6	6					
	9	1007.0	-	3.9	0.6	7.4	90	6.7	0	3	4	5	16	3	1	2	0	1	3	6	10	8	0	0	0	1	13	16	1	1	0	3	6	11	4	4						
	15	1006.6	-	5.0	0.8	7.7	87	6.3	1	3	4	7	12	4	1	2	1	0	4	2	15	6	0	0	0	0	14	17	0	1	0	1	4	5	13	5	2					
	21	1006.6	-	4.4	0.5	7.8	91	5.1	5	7	1	2	15	1	0	0	0	3	7	2	14	5	0	0	0	3	13	15	0	0	2	1	4	7	9	5	3					
4 MIDLAND COUNTIES																																										
Huddersfield Oakes [Yorkshire W.R.]																																										
235	3	1003.4	-	2.8	0.7	6.8	89	5.9	3	1	5	7	12	3	0	4	0	1	0	5	12	7	2	0	1	2	5	18	5	2	2	2	1	2	5	10	2					
	9	1003.9	-9.1	3.0	0.6	7.0	90	5.7	0	4	7	8	8	4	1	4	1	2	1	0	7	8	7	0	0	2	6	17	6	0	3	3	2	1	7	6	3					
	15	1003.6	-	5.1	0.9	7.6	86	6.6	1	3	1	9	17	0	0	0	2	2	2	5	8	8	4	0	0	1	9	16	5	1	1	3	0	7	8	4	2					
	21	1003.7	-	3.6	0.6	7.2	90	5.5	3	4	4	8	10	2	2	0	1	2	0	1	11	7	7	0	0	2	7	16	6	3	1	1	6	3	5	6	0					
Watnall [Nottinghamshire]																																										
119	3	1004.5	-	3.3	0.4	7.5	94	6.3	3	1	4	4	17	2	0	1	3	2	4	4	9	5	3	0	0	1	10	18	2	3	3	1	2	8	8	3	1					
	9	1004.9	-8.8	3.4	0.4	7.5	93	6.2	2	3	3	7	13	3	0	2	4	2	9	7	4	3	0	0	0	9	21	1	2	5	1	2	7	8	3	2						
	15	1004.2	-	5.4	0.8	8.0	88	6.4	1	4	2	8	15	1	0	3	0	2	4	8	12	2	0	0	0	10	19	2	2	2	3	2	8	7	4	1						
	21	1004.5	-	3.9	0.4	7.7	94	6.0	1	5	3	6	15	1	0	1	1	6	7	7	6	3	0	0	0	0	10	19	2	2	4	3	3	9	3	5	0					
Finningley [Nottinghamshire]																																										
14	3	1004.1	-	3.6	0.3	7.6	94	6.5	2	3	1	6	17	2	0	2	3	2	3	5	9	4	2	1	0	0	8	17	6	2	2	1	8	6	3	1						
	9	1004.5	-8.6	3.1	0.3	7.4	94	6.3	0	6	1	8	14	2	0	1	1	7	4	7	6	3	2	0	0	0	4	21	6	4	0	2	13	3	1	2						
	15	1003.8	-	5.9	0.8	8.3	87	6.4	0	3	4	12	11	1	0	2	0	1	7	7	9	4	1	0	0	1	5	23	2	4	2	0	2	11	5	2	3					
	21	1004.1	-	4.1	0.4	7.8	98	6.0	2	4	2	9	12	2	0	2	2	1	3	10	4	8	1	0	0	0	6	19	6	2	0	3	2	13	2	1	2					
Wittering [Northamptonshire]																																										
67	3	1005.0	-	3.3	0.5	7.3	93	5.9	4	3	2	5	13	4	0	4	1	1	6	3	8	7	1	0	0	0	12	19	0	1	3	2	3	10	4	8	0					
	9	1005.3	-8.7	3.6	0.4	7.5	93	6.8	0	3	2	8	15	3	0	4	1	3	4	3	9	3	4	0	0	1	9	21	0	2	3	1	2	10	6	5	2					
	15	1004.8	-	5.4	0.7	8.1	88	6.7	0	4	2	8	13	4	0	3	1	2	2	6	4	9	4	0	0	0	11	19	1	1	2	1	5	7	6	5	3					
	21	1005.0	-	3.8	0.5	7.5	92	6.4	1	2	4	7	14	3	0	3	2	3	3	6	5	8	1	0	0	2	10	18	1	1	1	3	3	11	4	4	3					
Edgbaston [Warwickshire]																																										
165	9	1005.4	-8.7	3.7	0.4	7.7	94	6.7	0	2	4	9	14	2	0	0	5	2	5	4	8	6	1	0	0	0	5	25	1	2	2	3	2	13	4	3	1					
	15	1004.6	-	5.5	0.8	8.1	89	7.2	0	1	1	13	14	2	0	1	2	0	6	3	13	5	1	0	0	0	8	21	2	3	0	2	5	9	5	2	3					
	21	1004.7	-	4.4	0.4	8.0	94	6.1	3	1	5	5	15	2	0	1	0	1	5	4	10	9	1	0	0	1	9	21	2	2	0	3	4	10	5	5	0					
Elmdon [Warwickshire]																																										
100	3	1004.5	-	3.4	0.5	7.4	91	7.0	1	1	1	11	13	4	1	1	1	2	4	7	4	8	0	3	0	0	9	19	3	2	1	2	0	14	7	1	1					
	9	1005.1	-9.0	3.6	0.5	7.5	92																																			

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.										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 (%)										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										beaufort force										8 or more										6-7										4-5										1-3										calm										N										NE										E										SE										S										SW										W										NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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¹⁴ Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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)	
																																							34 or more
number of observations																																							
8a SOUTH WALES																																							
Aberporth [Cardiganshire]																																							
134	3	1002.8	-	5.7	0.9	8.1	87	5.4	5	3	4	4	14	1	0	0	0	0	1	0	1	3	12	9	1	4	0	8	15	7	1	1	0	5	3	12	1	5	3
	9	1003.3	-10.4	5.4	0.8	7.9	87	6.0	0	4	4	15	7	1	0	0	1	0	2	2	9	9	4	4	0	4	20	7	0	3	0	2	4	14	3	3	2		
	15	1001.8	-	0.8	1.1	8.5	85	6.3	0	5	0	16	10	0	0	0	0	0	0	0	3	6	15	5	2	2	5	13	10	1	2	0	2	4	14	3	3	2	
	21	1002.3	-	5.6	0.8	8.0	87	5.9	2	4	2	10	13	0	0	0	0	0	0	0	4	12	8	3	4	0	10	11	9	1	3	0	4	10	3	5	1	0	
Milford Haven Conservancy Board [Pembrokeshire]																																							
39	3	1003.5	-	6.8	0.8	8.9	89	5.8	3	2	6	4	16	0	0	0	0	2	0	16	9	4	0	0	0	5	15	8	3	3	0	7	3	7	2	3	3		
	9	1003.6	-10.5	6.9	0.8	8.9	88	6.2	2	1	4	11	12	1	0	0	1	2	0	18	8	0	0	0	0	4	15	8	3	3	0	7	3	6	5	3	2		
	15	1002.4	-	7.8	1.0	9.2	86	6.5	3	0	4	7	17	0	0	0	0	0	0	23	7	1	0	0	0	5	14	9	3	2	2	6	5	6	5	0	0		
	21	1002.7	-	7.1	0.8	9.1	89	5.9	3	2	6	5	15	0	0	0	0	0	1	15	12	2	0	0	0	5	16	7	3	4	1	6	3	6	3	4	1		
Brynamman [Carmarthenshire]																																							
9	3	1005.4	-	4.4	0.4	8.0	93	6.7	1	1	2	12	15	0	0	0	1	0	9	3	10	4	4	0	0	0	4	21	6	2	3	3	4	1	3	6	3		
	15	1005.0	-	6.3	0.7	8.8	90	6.7	1	2	3	8	17	0	0	0	0	1	7	8	9	4	2	0	0	1	9	15	6	1	0	3	5	7	5	1	0		
	21	1005.0	-	5.0	0.4	8.3	94	6.5	3	1	1	10	15	1	0	0	1	0	4	5	13	8	0	0	0	0	1	9	17	7	1	3	1	5	5	3	6	0	
Mumbles [Glamorgan]																																							
37	3	1003.6	-	5.8	0.7	8.4	90	5.8	1	4	7	5	13	1	0	0	0	1	0	2	9	10	7	2	0	5	15	10	1	2	1	11	1	5	3	5	2	0	
	9	1004.0	-	5.6	0.6	8.3	90	6.6	0	2	5	7	16	1	0	0	1	0	4	4	11	7	4	0	0	5	14	8	4	4	0	10	1	4	5	3	0		
	15	1002.6	-	6.6	0.7	8.8	89	6.5	1	2	5	9	13	1	0	0	1	0	4	3	17	5	1	0	0	7	13	10	1	2	0	8	1	5	7	6	1		
	21	1003.0	-	6.2	0.6	8.7	91	6.4	1	1	7	4	16	2	0	1	0	1	2	1	9	14	2	1	1	5	16	7	2	6	0	8	1	5	2	7	0		
Rhoose [Glamorgan]																																							
69	3	1004.5	-	4.8	0.6	7.9	90	5.7	3	3	5	6	13	1	0	1	1	1	1	3	5	15	4	0	0	1	14	14	2	1	6	7	4	1	3	7	0		
	9	1005.0	-9.9	4.9	0.5	8.1	91	6.5	0	2	6	8	11	4	0	2	0	4	1	3	9	11	1	0	0	0	12	16	3	2	4	7	2	3	5	5	0		
	15	1003.6	-	6.0	0.6	8.6	90	7.3	0	1	1	10	15	4	0	2	1	1	2	2	10	10	3	0	0	0	15	15	1	1	4	7	2	3	5	6	2		
	21	1004.0	-	5.4	0.6	8.3	91	6.0	1	4	3	10	11	2	0	0	2	1	2	3	8	13	2	0	0	3	10	14	4	3	4	4	6	2	2	5	1		
8b ENGLAND SW																																							
Yeovilton [Somerset]																																							
23	3	1005.4	-	5.1	0.8	8.0	88	6.3	3	0	1	14	11	2	0	0	1	2	2	9	17	0	0	0	0	3	12	13	3	1	2	5	3	8	6	2	1		
	9	1005.9	-	5.0	0.7	8.0	89	7.2	0	1	2	10	16	2	0	1	0	2	4	5	11	8	0	0	0	1	11	13	6	1	0	2	8	9	0	3	2		
	15	1004.6	-	7.0	1.0	8.7	85	6.6	1	2	1	14	13	0	0	0	0	1	2	11	10	7	0	0	0	3	12	12	4	1	1	4	5	9	4	2	1		
	21	1004.9	-	5.1	0.7	8.0	90	6.0	3	2	5	4	17	0	0	0	0	3	4	6	14	4	0	0	0	2	9	17	3	3	0	5	4	8	7	0	1		
Portland Bill [Dorset]																																							
54	3	1005.2	-	6.4	0.4	9.1	93	5.8	4	1	5	6	12	3	0	3	0	1	0	1	19	3	4	0	2	7	11	11	0	3	1	4	3	9	2	7	2		
	9	1005.6	-	6.6	0.5	9.2	93	6.6	0	1	4	13	13	0	0	0	1	0	4	2	17	1	6	0	0	8	13	9	1	3	2	3	3	8	4	4	3		
	15	1004.4	-	7.1	0.7	9.3	91	6.9	0	2	2	13	14	0	0	0	0	1	3	6	10	10	1	0	0	7	16	8	0	3	2	5	2	8	6	4	1		
	21	1004.7	-	6.6	0.5	9.1	92	5.5	3	5	4	4	15	0	0	0	2	2	2	17	6	2	0	3	5	13	10	0	2	4	2	3	9	1	9	1			
Hartland Point [Devon]																																							
93	3	1005.0	-	6.6	0.7	8.8	89	5.2	1	5	10	6	9	0	0	0	0	0	0	8	17	6	0	0	10	13	5	3	1	1	6	0	8	4	6	2	0		
	9	1004.8	-	6.5	0.8	8.6	87	6.1	0	3	7	10	11	0	0	0	0	0	0	7	19	5	0	0	3	7	13	8	0	2	3	3	8	6	6	0			
	15	1003.4	-	7.4	0.9	9.1	87	6.4	0	1	8	11	11	0	0	0	0	0	1	15	12	3	0	0	13	10	4	4	2	1	4	4	5	7	6	0			
	21	1003.8	-	6.6	0.7	8.9	90	5.5	5	2	5	7	12	0	0	0	0	0	0	11	14	6	0	3	10	11	3	4	0	3	2	3	5	7	7	0	1		
Mount Batten [Devon]																																							
30	3	1005.2	-	6.6	0.5	9.2	92	5.5	4	4	3	9	11	0	0	0	0	1	1	3	10	14	2	0	0	2	16	11	2	3	0	5	3	6	3	6	3		
	9	1005.5	-9.7	6.6	0.5	9.2	92	6.2	0	4	2	14	11	0	0	0	0	1	2	6	12	8	2	0	0	3	12	14	2	3	1	5	4	6	4	6	0		
	15	1003.7	-	7.8	0.8	9.5	88	6.5	0	2	5	13	11	0	0	0	0	2	6	10	10	3	0	0	4	16	7	4	2	0	4	5	6	3	6	1			
	21	1004.7	-	6.9	0.6	9.3	92	5.9	0	6	5	4	16	0	0	0	0	2	9	10	10	0	0	1	6	9	14	1	2	3	5	2	9	1	6	2			
Chivenor [Devon]																																							
7	3	1004.5	-	6.2	0.9	8.4	87	5.6	3	5	1	9	13	0	0	0	0	0	0	4	8	11	7	1	0	2	8	20	1	2	0	15	2	4	2	3	2		
	9	1004.7	-9.8	6.3	0.8	8.6	88	6.3	0	3	3	16	9	0	0	0	0	1	2	10	9	9	0	0	0	13	17	1	1	0	12	4	7	2	3	1			
	15	1003.2	-	7.9	1.1	9.1	84	6.4	1	2	4	11	13	0	0	0	0	0	2	11	14	4	0	0	2	14	11	4	2	0	4	8	3	3	6	1			
	21	1003.8	-	6.4	0.8	8.6	88	6.0	3	2	4	10	12	0	0	0	0	0	2	13	9	7	0	0	2	12	15	2	1	2	10	4	4	5	2	1			
Exeter [Devon]																																							
38	3	1005.2	-	5.6	0.6	8.4	90	6.1	2	3	4	8	14	0	0	0	1	3	2	9	6	8	2	0	0	9	15	2	1	1	2	5	9	1	4	3			
	9	1005.5	-9.6	5.8	0.7	8.5	89	6.8	0	3	2	11	14	1	0	1	0	0	2	6	8	3	3	0	0	11	19	1	2	5	2	5	12	1	1	2			
	15	1004.0	-	7.5	1.1	9.0	85	6.7	1	1	3	11	15	0	0	0	0	0	3	14	6	7	1	0	1	14	12	4	0	3	0	8	8	2	3	3			
	21	1004.6	-	6.0	0.7	8.5	89	6.4	1	4	3	6	17	0	0	0	0	1	3	14	8	4	1	1	1	13	10	6	2	1	1	7	5	3	4	2			
Scilly [Cornwall]																																							
61	3	1004.0	-	8.4	0.9	9.9	88	5.2	1	7	6	7	10	0	0	0	0	0	2	8	13	7	1	0	10	9	8	4	2	2	1	2	6	5	7	2			
	9	1003.9	-10.4	8.3	1.0	9.5	85	6.1	0	3	7	11	10	0	0	0	1	1	1	13	6	8	1	0	4	19	4	4	2	0	2	2	5	8	6	2			
	15	1002.9	-	9.1	1.1	10.0	85	6.1	0	2	9	9	11	0	0	0	0	1	2	14	9	4	1	1	6	13	10	1	2	2	2	7	7	7	1				
	21	1003.7	-	8.4	0.9	9.8	87	4.8	2																														

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

Table 6 Summary of autographic records of wind

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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					year from N	speed (kt)	hour ended at		year from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Table 6 Summary of autographic records of wind

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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					year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time			
4 MIDLAND COUNTIES																						
Yorks W.R.	Sheffield	...	162	25	11		0	1	1	67	268	391	17	4.3	220	22	24	12	280	46	24	1130
	Church Fenton	...	18	10	10		0	5	12	192	324	216	0	7.4	240	28	24	14	240	44	24	1340
Notts	Watnall	...	130	13	10		0	1	3	219	422	100	0	8.2	240	23	24	13	240	44	24	1205
	Finningley	...	19	10	10		0	1	1	156	362	225	0	6.7	240	22	24	11	250	37	24	1240
Rutland	Cottesmore	...	143	13	13		0	1	2	241	393	75	33	9.0	030	23	31	19	230	35	24	1540
N'hampton	Wittering	...	83	10	10		0	3	16	244	413	71	0	9.5	190	26	7	10	200	40	7	0910
Warwick	Edgbaston	...	196	36	22		0	2	4	190	446	104	0	8.1	230	23	24	12	190	43	9	1300
	Elmdon	...	105	10	10		0	3	5	211	402	126	0	8.2	250	26	24	12	250	49	24	1115
Oxford	Brize Norton	...	91	13	10		0	1	2	190	384	168	0	7.7	040	23	31	22	250	38	25	2215
Stafford	Keele	...	215	15	10		0	1	1	155	348	240	0	6.6	200	22	7	1	180	41	18	1810
Worcester	Pershore	...	47	10	10		0	6	18	277	324	125	0	9.4	190	26	18	19	190	40	25	0055
Gloucester	Avonmouth	...	28	19	10		0	8	29	278	212	217	8	9.2	260	32	25	22	250	49	25	2025
	Fairford	...	88	10	10		0	5	7	254	324	159	0	8.6	270	25	26	1	260	40	26	0010
5 ENGLAND SE																						
Greater London	London W/Centre	...	93	70	38		0	3	8	305	353	78	0	9.9	190	24	25	1	250	47	25	2340
	Heathrow	...	34	10	10		0	6	17	245	388	94	0	9.0	230	27	25	24	240	46	25	2350
	Hampton	...	42	31	30		0	2	4	170	335	235	0	6.9	250	28	26	1	250	47	26	0100
	Kew	...	28	23	15		0	1	1	207	384	152	0	7.7	240	23	26	1	240	48	25	2340
Surrey	Gatwick	...	69	10	10		0	3	16	191	372	165	0	7.8	240	27	25	24	220	51	23	1730
Kent	Isle of Grain	...	15	12	10	Record not yet commenced																
	Dungeness	...	16	10	10	Defective record																
	Dover	...	21	12	19		0	7	36	194	334	180	0	8.5	Def	27	25	3	-	-	-	-
	Manston	...	61	17	17	23	3	8	52	326	310	53	0	11.6	200	35	23	19	190	53	23	1950
Sussex	Thorney Island...	...	16	10	10		0	8	51	274	329	90	0	10.4	240	33	25	23	250	49	25	2345
Berkshire	Abingdon	...	90	12	12		0	0	0	194	401	149	0	7.8	240	21	25	23	150	37	20	2350
Hampshire	Hurn	...	23	13	11		0	5	16	271	315	142	0	9.2	240	26	25	22	240	49	25	2215
	Calshot	...	15	13	10	25	1	8	67	317	312	47	0	11.7	220	36	25	1	230	52	25	0025
	R.A.E. Farnborough	...	75	10	-		0	3	6	194	376	168	0	7.6	210	24	23	18	200	43	25	0135
Wiltshire	Larkhill	...	145	13	10		0	7	22	275	318	129	0	9.5	200	27	7	11	190	52	25	0025
	Boscombe Down	...	130	16	16		0	9	50	388	259	47	0	11.9	210	33	25	1	200	52	25	0020
	Porton	...	120	10	10	24, 25	2	11	81	300	270	91	0	11.8	210	36	25	1	200	58	25	0020
7a ENGLAND NW																						
Cumberland	Sellafield	...	25	12	11		0	9	29	266	313	136	0	9.5	240	31	24	12	160	44	18	1910
	Carlisle	...	41	13	9		0	4	19	245	263	217	0	8.2	240	26	24	13	240	45	24	1215
	Spadeadam	...	292	16	15	24	4	6	49	206	268	217	0	8.9	230	37	24	12	230	57	24	1125
Westmorland	Great Dun Fell...	...	857	10	10	6, 7, 8, 9, 10, 18, 19, 23, 24, 25, 31	120	17	168	222	177	54	3	19.0	030	58	31	10	250	66	24	1210
	Moor House	...	597	15	14	Defective record																
Lancashire	Squires Gate	...	26	16	11	24	1	6	39	307	293	104	0	10.4	230	34	24	11	230	49	24	1020
	Aigburth	...	38	23	11		0	4	15	225	313	148	43	8.4	170	27	18	18	180	46	18	1715
	Southport	...	19	14	11		0	4	19	229	310	186	0	8.0	250	32	24	11	250	48	24	1040
	Fleetwood	...	34	15	9		0	3	14	228	291	211	0	8.0	040	28	31	15	240	44	24	1345
	Speke	...	30	10	10		0	6	18	288	286	152	0	9.2	180	27	9	16	240	46	24	1050
	Manchester W/Centre	...	82	45	17		0	2	7	197	401	139	0	7.9	220	23	24	16	180	44	18	1955
Cheshire	Bidston	...	80	20	12		0	3	10	231	417	66	20	-	270	26	24	13	260	51	24	1205
	Ringway	...	80	10	10		0	2	4	216	347	177	0	7.9	170	24	18	20	230	37	24	0935
7b NORTH WALES																						
Anglesey	Valley	...	26	16	12	6, 7, 8, 9, 10, 18, 19, 22, 23, 24, 25	68	17	174	259	192	51	0	17.1	170	48	18	16	170	61	18	1525
Merioneth	Trawsfynydd	...	194	10	10	7	2	10	82	193	324	121	20	10.1	210	34	7	8	210	56	7	1015
8a SOUTH WALES																						
Cardigan	R.A.E. Aberporth	...	144	10	10	5, 9, 18, 20	7	16	154	381	151	51	0	15.4	140	37	20	19	190	52	18	1300
Pembroke	Milford Haven	...																				
	Conservancy Board	...	47	10	10		0	15	68	412	155	101	8	12.8	130	33	20	20	130	58	20	1945
Glamorgan	Port Talbot	...	28	12	11		0	7	18	315	272	139	0	9.7	310	28	25	22	310	50	25	2130
	Rhoose	...	77	10	10		0	4	10	344	274	116	0	10.0	250	31	25	22	260	48	25	2120
8b ENGLAND SW																						
Dorset	Portland Bill Coastguard	...	60	13	13	20, 21, 24, 25, 26	14	15	146	377	192	15	0	15.9	240	48	25	22	240	65	25	2100
Devon	Mount Batten	...	64	13	13	7, 20, 24, 25	10	12	86	346	222	80	0	13.1	250	39	25	20	250	65	25	1950
	Chivenor	...	19	13	10	25	3	10	28	321	315	77	0	10.9	250	35	25	20	250	57	25	1835
Cornwall	Scilly	...	70	20	17	20, 21, 23, 24, 25	19	20	175	335	109	106	0	15.4	250	39	25	18	280	66	23	1855
	Lizard	...	96	23	18	7, 18, 20, 21, 23, 24, 25	30	22	239	301	130	31	13	18.3	260	46	25	19	Def	65	21	Def
	St. Mawgan	...	120	13	13	20, 21, 25	7	19	145	383	169	40	0	14.9	250	40	25	19	250	57	25	1905
NORTHERN IRELAND																						
Londonderry	Ballykelly	...	13	12	10		0	10	62	254	211	217	0	9.7	180	30	9	15	180	48	9	1340
	Coleraine University	...	33	10	10	24	1	7	40	256	200	243	4	9.1	250	34	24	9	250	50	24	0800
Antrim	Aldergrove	...	80	10	10		0	10	33	285	263	163	0	9.7	240							

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more														
1932	October	Skegness												80																				
Annual		Skegness												553																				
1937	May	Mansfield												79				11	10															
Annual		Mansfield												733				145	121															
1942	December	Cleethorpes												49	11	12		17	12															
Annual		Cleethorpes												488				154	105															
1948	April	Skegness												59																				
Annual		Skegness												700	118																			
1958	March	Little Rissington																			3													
May		Little Rissington																		0														
1967	March	Buxton																			2													
Annual		Buxton																		11														
1969	March	Poulton-le-Fylde												52	100																			
July		Chivenor																																S
1970	January	Writtle					2.6																											
March		Mepal					3.3																											
July		Chivenor																																S
September		Isle of Rhum																																
November		Inverurie																																
		Dundee																																
		Fowls Wester																																
		Kinross																																
		Cupar																																
		Kildonan																																
		Helensburgh																																
		Earls Hill																																
		Stirling Batterflats																																
		Falkirk Swge Wks																																
		Kinlochewe																																
		Aldenhams School																																
		St Albans																																
		Cleethorpes																																

Introduction to M.W.R. 1970: Page (vii) under Highest Velocities line 3, after 'and so on' add 'Table ix'. Line 5 delete 'Table ix'.

Height of Winchester [Hampshire] should read 82 m as from September 1967.

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						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	speed (kt)												
														34 or more	22-33	11-21	1-10	0																			
number of observations																																					
NORTHERN IRELAND																																					
Ballykelly [Londonderry]																																					
3	3	998.8	-	5.5	0.9	8.0	87	5.6	2	4	4	12	9	0	0	0	0	1	0	1	9	10	10	0	0	2	11	12	6	0	2	3	6	5	6	2	1
	9	999.6	-10.4	5.3	0.9	7.9	87	5.4	0	6	6	12	7	0	0	0	1	0	1	4	15	7	2	0	1	12	10	8	1	0	2	4	8	6	2	0	
	15	999.0	-	7.4	1.4	8.4	80	5.3	0	4	12	10	5	0	0	0	0	0	0	1	4	13	8	5	0	4	10	15	2	0	1	1	4	12	4	5	2
	21	999.5	-	5.3	0.9	7.9	87	5.8	2	2	7	12	8	0	0	0	0	0	0	2	5	12	11	1	0	3	12	9	7	0	2	1	9	5	3	3	1

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

FEBRUARY

VOLUME 88

1971

NUMBER 2

Dry spells in the south and east, changeable elsewhere

During the first 10 days or so and again in the last week anticyclones predominated over the British Isles, although weak troughs of low pressure occasionally affected the west and north. Between these two periods depressions or troughs of low pressure frequently crossed all districts.

Weather

Most areas were drier than average, especially in the south and east where there were dry spells. However, there were some heavy falls of rain in north-west England and west Scotland around mid-month. Temperatures were generally above average and snowfall was below average.

Wind

On the 2nd and 3rd winds reached gale force locally in north Scotland and a gust of 61 kt was recorded at Lerwick (Shetland) on the 2nd. A windy period occurred in most areas from the 10th to 20th with gales at times, particularly over coasts in the west. On the evening of the 12th a gust of 62 kt was reported at Earls Hill (Stirling-shire). In the early hours of the next day gusts of over 50 kt occurred widely in Scotland, northern England and north Wales and at the same time gusts in excess of 40 kt were recorded as far south as the London area. Strong winds continued to be widespread until the 15th when gusts of 61 kt and 53 kt occurred at places as far apart as Tiree (Inner Hebrides) and Manston (Kent) respectively.

Temperature

Monthly mean temperature was above average everywhere and ranged from about 2 degC above average in a few places in Scotland to near average in southern England. It was generally mild during the first half of the month and again from the 19th to 25th. The 3rd and 4th were unusually mild in many districts, particularly in the east; on the 3rd a temperature of 15.0°C was recorded at Scarborough (North Riding of Yorkshire). An air temperature of 14.2°C was recorded in Falkirk and Stirling on the 4th. Temperatures were below average around the 17th and on the last few days. Overnight frost occurred in many areas during these periods and it was severe in places; the air temperature at Lanark fell to -11.7°C on the morning of the 16th and to -10.0°C at Shawbury (Shropshire) on the 17th.

Rainfall

Rainfall (including melted snow) was below average except in some areas in the north-west of the United Kingdom and in a few places in north Wales but excesses in these districts were mostly small. Over most of east Scotland and

the greater part of England, less than half the average rainfall occurred and, in a few places, under a quarter of average was recorded. It was the driest February at Gordon Castle (Moray) and Forglen House (Banffshire) since records began in 1865 and 1901 respectively. During the first 10 days, only small amounts of rain fell over most of the country and rainfall was chiefly confined to the north and west. Many parts of the east and south were virtually dry during the first fortnight; no measurable rainfall occurred at Cleethorpes (Lincolnshire) until the 13th or at Sandown (Isle of Wight) until the 14th. However, from the 11th to 18th, although amounts of rain elsewhere continued to be mostly small, there were some heavy falls in western and northern areas. The heaviest rain fell in the Lake District where, at Long House, near Langdales (Westmorland) over 132 mm were recorded in the 48 hours commencing 09 GMT on the 11th. Although a little rain fell in the west during the last 10 days of the month, many eastern areas had very small amounts and Cambridge was practically dry after the 19th.

Snow

Amounts of snow or sleet (rain or drizzle and snow) were mostly small and snow did not lie on low ground to any extent. Sleet or snow occurred on the first two days mainly in the north, and on a few days around mid-month in most areas. Overnight on the 15th/16th snow spread into Northern Ireland and south-west Scotland and reached most of England and

Wales during the following day. On the 16th a snow depth of about 7 cm was reported at Aldergrove (Co. Antrim) and depths reached 5-10 cm on high ground in the northern half of England and Wales. On the 21st snow showers fell on high ground in Scotland, Northern Ireland and northern England. Further snow or sleet occurred in southern Scotland and northern England on the last two days of the month and snow depths of 5-10 cm were measured in the Pennines on the 28th.

Sunshine

Northern Ireland, Scotland and Wales were generally duller than average. Western Scotland was especially dull and Tiree had only half the average amount (36.5 hours) of sunshine and it was the duller February here since 1940. Sunshine over the remainder of the country was mostly close to average but London Weather Centre recorded 159 per cent.

Fog

From the 4th to 11th overnight fog patches occurred, mainly in England. Fog patches were particularly dense and slow to clear on the 8th and 11th and air traffic was disrupted for a time on these days. Fog occurred at times during the last week mostly in south Wales and the West Country and was widespread in these areas on the 23rd.

Miscellaneous phenomena

The aurora was seen on 7 nights by observers in Scotland.

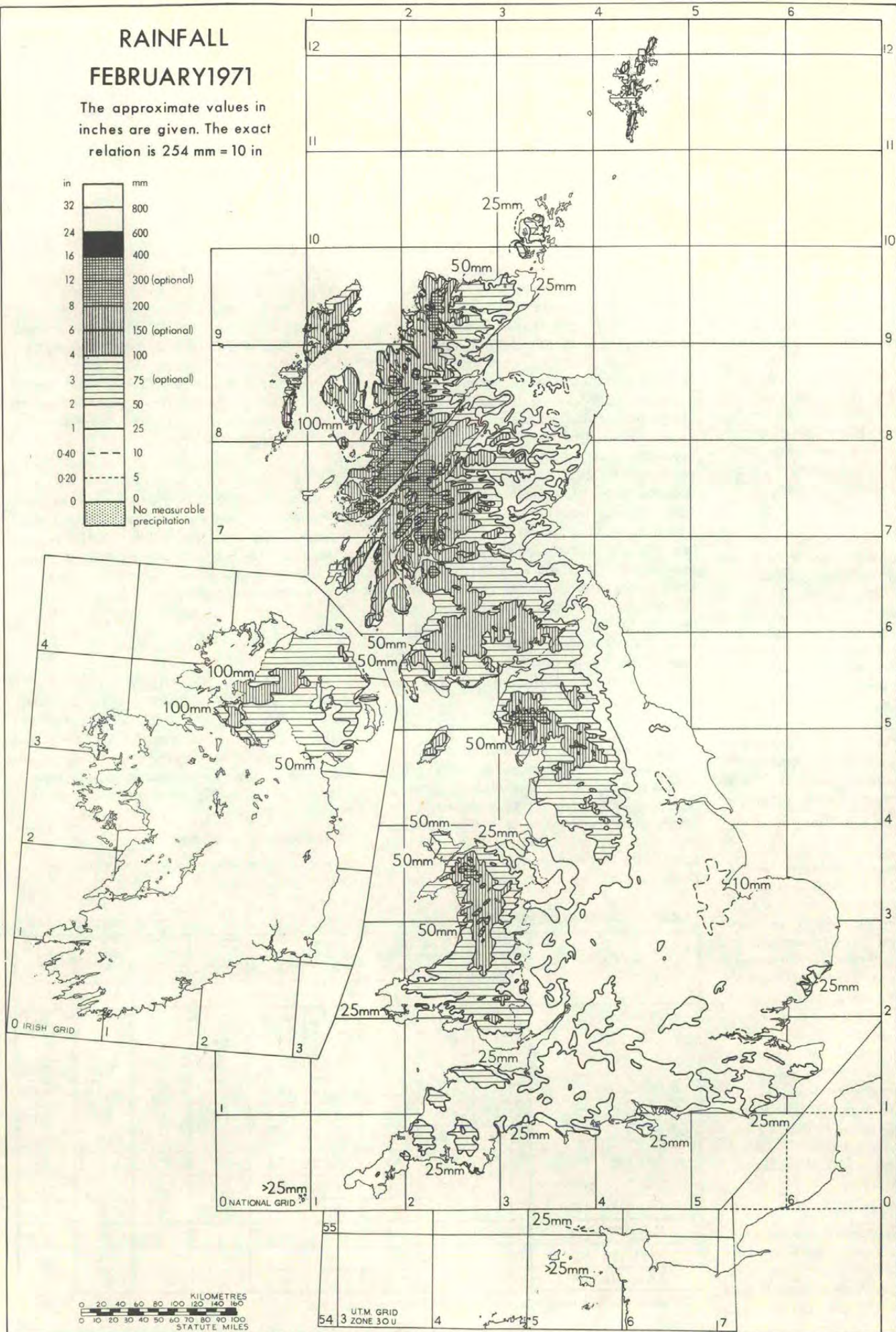
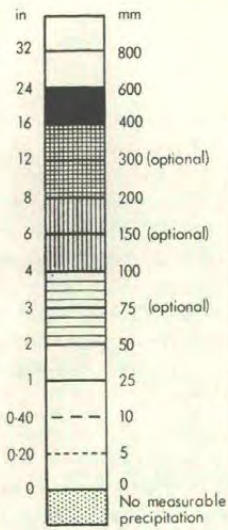
Table 1 District Values**February 1971**

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. °	Lowest Min. °	max.	min.	mean				
			difference from average						
0 Scotland N	11.1	-6.1	+1.4	+1.1	+1.2	—	-2	90	88
1 Scotland E	14.7	-6.1	+1.5	+1.4	+1.5	+1.4	-5	53	94
2 England N E	13.1	-5.7	+1.3	+0.5	+0.9	+0.9	-7	40	106
3 England E	12.4	-3.4	+0.9	+0.9	+0.9	+1.3	-5	41	104
4 Midlands	12.2	-4.3	+0.9	+0.8	+0.9	+0.9	-5	47	101
5 England S E	12.9	-4.6	+1.0	+0.7	+0.9	+0.7	-5	40	109
6 Scotland W	11.4	-5.0	+1.2	+1.7	+1.4	+1.3	0	107	68
7 Eng NW · Wales N	11.1	-4.4	+0.9	+1.3	+1.1	+1.1	-3	77	95
8 Eng SW · Wales S	12.0	-5.0	+0.9	+0.1	+0.5	+0.6	-4	50	99
N Ireland	12.1	-5.6	+1.0	+1.2	+1.1	—	-1	99	81
Scotland	14.7	-6.1	+1.4	+1.4	+1.4	—	-2	84	83
Eng · Wales	13.1	-5.7	+1.0	+0.7	+0.9	—	-5	50	102

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

RAINFALL FEBRUARY 1971

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



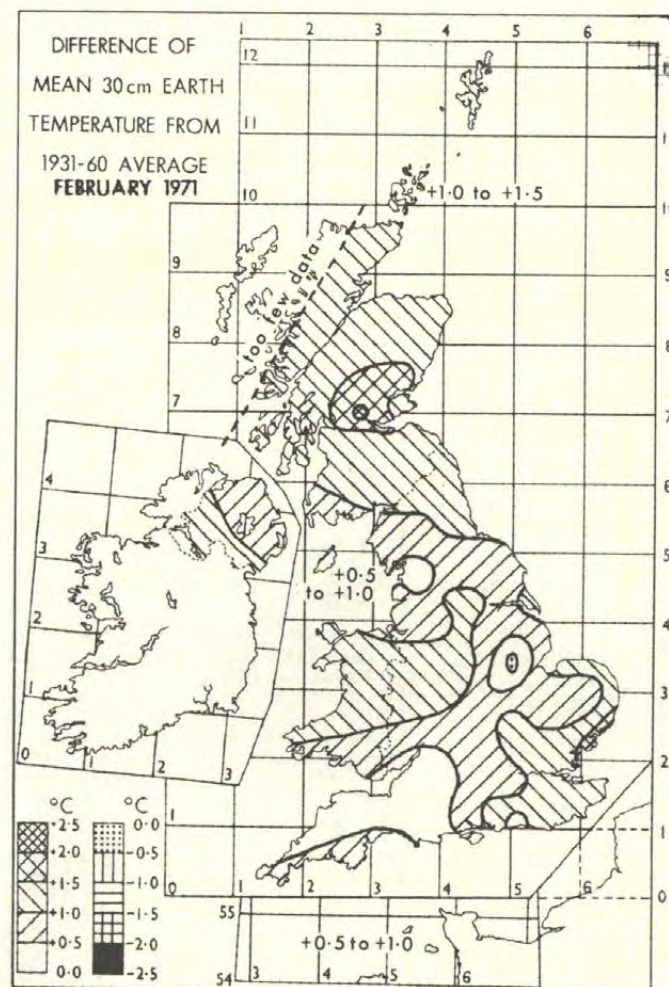
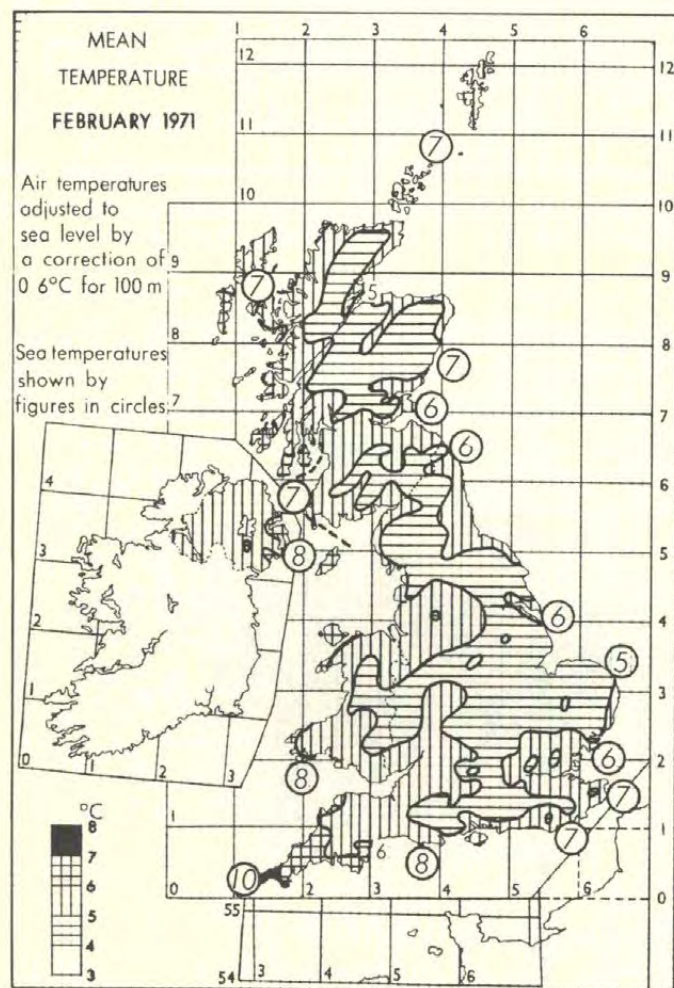
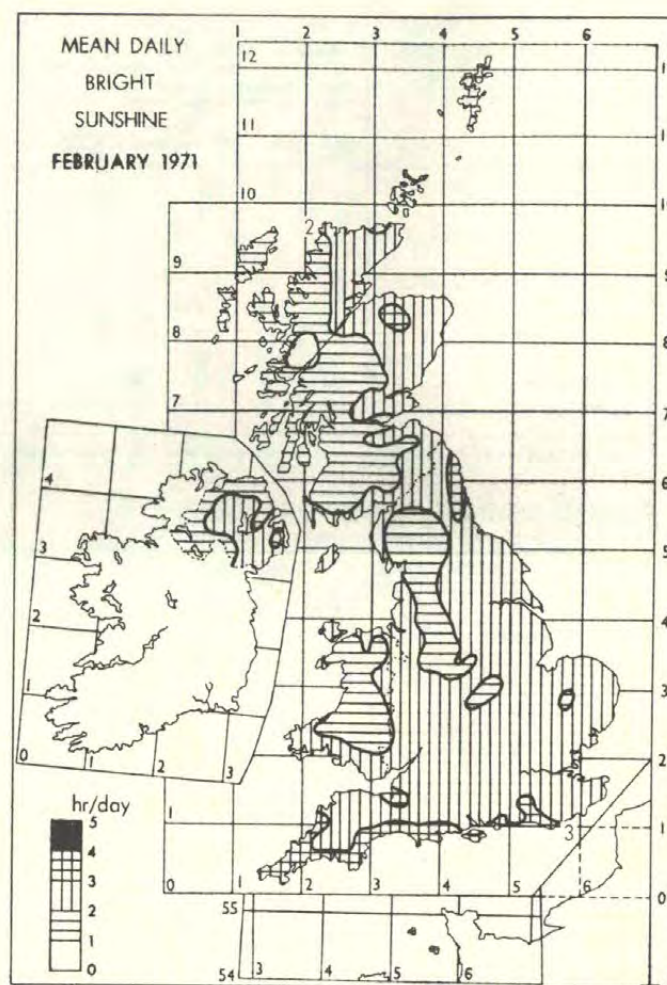
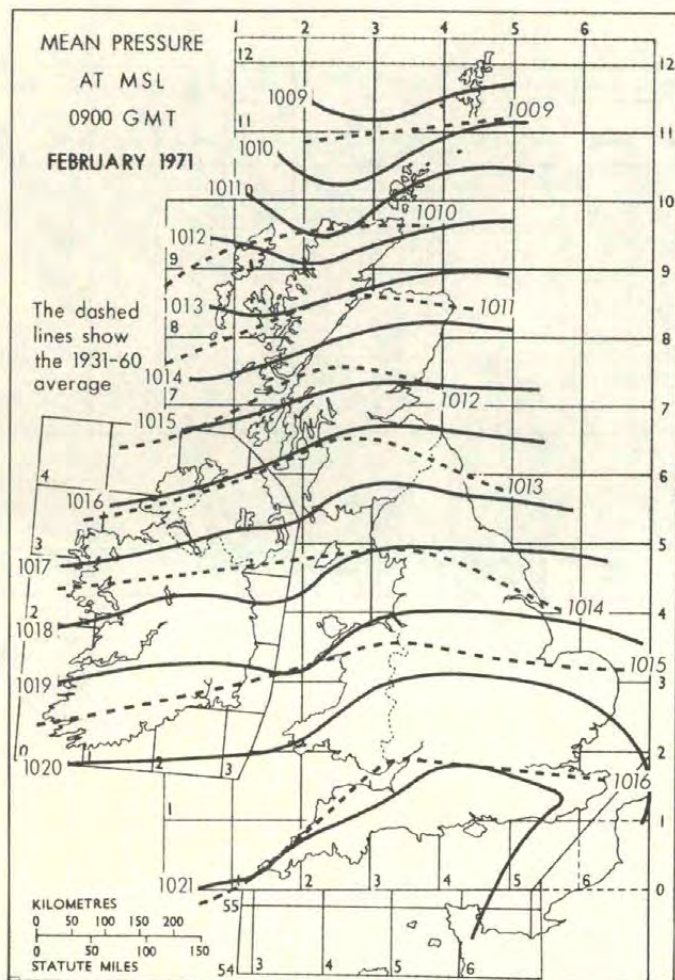


Table 2 Solar radiation and illumination

FEBRUARY

1971

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	151	24	16	3	71.8	28	105	24	16	3	51.7	28	176	24	13	3	82.9	28
Eskdalemuir	225	21	6	11	86.5	28	103	22	6	11	54.0	28	265	21	5	26	103.9	28
Cambridge Meteorological Research Unit ..																		
London Weather Centre	270	23	11	6	121.7	28	127	27	11	6	74.6	28	311	23	14	6	136.5	28
Kew	267	23	18	6	128.2	28	128	27	17	6	81.0	28	339	23	24	6	165.0	28
Easthampstead ¹ ..	303	23	21	6	134.5	28	154	26	22	6	83.9	28	346	23	28	6	156.9	28
Aberporth	274	21, 23	27	8	123.4	28	145	23	27	8	84.7	28	-	-	-	-	-	-
Aldergrove	224	22	24	6	99.9	28	112	25	24	6	71.6	28	-	-	-	-	-	-
Jersey Airport	348	22	50	15	165.7	28	182	28	47	7	100.4	28	358	22	54	6, 7	173.8	28

¹ Formerly listed as Bracknell; the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

Table 3 Summary of daily observations

For meaning of symbols ¶ § & S used below see Notes in the Introduction.

FEBRUARY

1971

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'n		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost below 0°C	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	0.2mm or more	1.0mm or more														
0 SCOTLAND N																																
Zetland																																
Hamnavoe ...	¶	21	7.1	3.9	5.5	-	9.3	33	-2.4	1	-	-	105	-	16	16	25	20	4	1	0	3	0	0	1	-	9	1.50	-	-	-	-
Lerwick ² ...	¶	82	6.2	3.3	4.7	-	8.8	3	-4.8	1	-	-	90	87	12	12	23	20	4	1	0	7	1	0	1	9	7	1.46	81	-	-	-
			6.3	3.1	4.7	+1.8	8.8	3, 4	-5.3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Baltsound ...	¶	24	7.1	2.6	4.9	-	8.9	5	-3.9	1	5.1	-	109	110	15	12	21	20	9	1	0	0	0	0	2	2	-	3	1.43	-	-	-
Orkney																																
Sule Skerry ...	¶	13	7.8	5.1	6.5	-	9.8	20	0.2	1	-	-	70	-	10	2	21	16	0	0	1	0	0	0	0	4	3	5	-	-	-	-
Stenness ...	¶	23	7.6	3.2	5.4	-	10.2	23	-3.6	16	4.7	5.4	55	70	14	12	19	14	1	1	0	2	2	0	2	11	-	3	1.98	-	-	-
Kirkwall ...	¶	26	7.3	3.3	5.3	+1.5	10.2	23	-2.2	16	-	-	59	78	10	12	17	12	4	0	4	0	2	0	3	8	8	4	2.21	100	-	-
Caithness																																
Dounreay ...	¶	21	7.9	2.1	5.0	-	11.1	23	-3.9	16	-	-	43	61	17	12	12	9	2	1	0	0	0	0	7	12	-	0	3.20	-	-	-
Wick ...	¶	36	7.4	3.0	5.2	+1.7	10.6	4	-5.0	16	-	-	29	58	10	12	13	8	3	1	0	4	0	1	4	9	10	0	2.78	110	-	-
John O'Groats ...	¶	30	7.6	2.2	4.9	-	10.9	23	-4.1	16	4.8	-	32	-	8	12	14	10	3	-	1	1	1	0	5	8	-	2	2.69	-	-	-
Sutherland																																
Cape Wrath ...	¶	112	7.0	4.0	5.5	+1.2	9.8	19	-0.2	16	-	-	82	99	23	12	19	15	5	0	5	0	0	0	1	4	5	4	2.06	-	-	-
Lairg ...	¶	107	7.4	0.3	3.9	-	11.3	23	-9.9	17	3.4	4.5	61	-	17	12	15	11	5	4	3	0	0	10	19	-	0	-	-	-	-	
Strathly ...	¶	37	7.8	1.7	4.7	+1.8	11.6	23	-6.0	16	-	-	56	69	23	12	16	11	4	1	1	0	1	0	8	-	2	2.34	117	S	-	-
Achentoul ...	¶	137	6.9	0.4	3.7	-	10.3	23	-7.7	16	-	-	35	44	10	12	15	8	3	2	2	0	0	0	11	18	-	2	2.56	-	-	-
Ross & Cromarty																																
Stornoway ...	¶	3	7.9	2.7	5.3	+0.9	10.2	2	-5.6	17	-	-	98	144	18	12	20	16	5	1	2	3	0	0	5	9	7	4	1.70	78	-	-
Balmacara ...	¶	4	8.4	3.6	6.0	-	13.1	19	-3.3	1	-	-	123	-	26	11	21	17	4	2	4	0	0	0	4	-	0	-	-	-	-	-
Poolewe ...	¶	6	8.3	3.6	5.9	-	11.4	19	-3.9	1	-	-	117	100	19	12	21	18	1	-	1	0	0	0	4	7	-	0	1.70	-	-	-
Rudh Re ...	¶	16	7.8	4.6	6.2	-	10.0	19	-1.3	1	-	-	-	-	-	-	-	4	0	1	0	0	0	3	2	2	7	-	-	-	-	
Inverpoll ...	¶	14	8.2	2.8	5.5	-	11.7	9	-5.1	17	5.2	-	104	100	24	12	19	13	4	2	0	4	2	-	4	16	-	3	1.81	-	S	-
Achnashellach ...	¶	67	7.2	1.3	4.3	+1.2	10.0	2, 9	(-7.2)	17	-	-	190	110	32	12	19	18	4	1	0	0	0	0	7	-	0	-	-	-	-	-
Kinlochewe ...	¶	23	8.2	2.1	5.1	+1.4	11.2	2	-6.9	17	4.7	-	166	103	30	11	21	17	4	3	0	1	2	2	7	12	-	2	1.27	-	S	-
Strathconon ...	¶	107	7.4	0.2	3.8	-	11.1	7	-10.6	17	-	-	86	-	25	12	16	13	6	7	0	0	0	-	9	18	-	0	-	-	-	-
Fortrose ...	¶	5	7.6	1.9	4.7	+0.6	11.1	2	-3.9	17	-	-	37	86	11	28	8	7	2	0	0	0	0	0	5	-	0	2.67	108	-	-	-
Tarbatness ...	¶	18	7.4	3.0	5.2	+1.5	10.5	3	-4.5	17	-	-	25	74	5	19	12	7	3	1	0	0	0	0	3	-	2	-	-	-	-	-
Inverness																																
Benbecula ...	¶	6	8.2	4.1	6.1	+1.2	10.7	24	-3.0	1	-	-	90	119	11	11	24	19	4	0	4	3	0	0	4	8	6	3	1.20	-	-	-
Isle of Rhum ...	¶	5	8.3	3.8	6.1	-	11.4	19	-2.8	1	5.6	6.6	231	120	41	11	24	22	10	0	5	1	1	0	4	13	-	2	1.05	-	-	-
Prabost ...	¶	67	7.4	2.8	5.1	-	9.7	24	-2.5	1	-	-	143	99	22	11	23	20	3	5	2	4	2	0	4	12	-	10	1.49	-	-	-
Duntulm ...	¶	90	7.4	3.3	5.3	+0.9	9.4	19	-1.7	16	-	-	109	109	18	11	24	18	2	0	5	0	2	0	4	6	-	7	1.38	64	-	-
Onich ...	¶	15	8.2	2.2	5.2	+1.3	(11.1)	2, 24	-0.1	16	-	-	144	82	23	11	22	17	-	-	-	-	-	0	6	12	-	-	1.24	61	S	-
Fort William ...	¶	8	8.2	1.9	5.1	-	11.1	2, 3	-8.4	16	4.6	5.3	153	96	(24)	11	26	18	5	2	1	1	1	0	6	10	-	0	0.66	-	S	-
Corpach ...	¶	8	7.9	2.5	5.2	-	11.4	24	-5.6	16	-	-	222	-	44	11	19	17	4	3	2	0	0	0	7	14	-	1	-	-	-	-
Fort Augustus ...	¶	21	7.4	0.4	3.9	+0.7	10.0	3, 7, 24	(-8.3)	16	-	-	98	-	(23)	12	16	12	-	5	-	-	-	1	10	-	-	1.39	-	-	S	-
Inverness ...	¶	4	7.9	2.3	5.1	-	11.7	2	-5.0	17	-	-	36	81	15	12	11	6	1	1	0	0	0	0	5	14	-	0	2.41	-	-	-
Coire Cas Shieling ...	¶	762	2.8	-1.6	0.6	-	7.2	3	-7.9	1	-	-	-	-	-	-	-	11	10	0	0	0	0	12	-	-	-	-	-	-	-	-
Cairngorm ...	¶	1090	0.4	-3.9	-1.7	-	4.9	3, 5	-9.9	1	-	-	-	-	-	-	-	13	16	0	2	0	0	13	27	-	-	12	-	-	S	-
Glenmore Lodge ...	¶	341	6.4	-1.8	2.3	+1.2	9.9	23	-10.4	17	-	-	23	30	11	12	8	5	6	6	0	0	0	0	18	22	21	0	2.20	-	S	-
Moy ...	¶	305	5.8	0.1	2.9	-	9.4	3	-9.4	16	3.3	-	56	-	19	12	14	12	3	9	0	0	0	0	12	22	-	0	2.41	-	-	-
1 SCOTLAND E																																
Nairn																																
Nairn ...	¶	6	7.8	1.3	4.5	+0.9	10.9	2	-7.5	17	-	-	27	70	9	12	10	5	2	1	1	1	0	0	8	13	-	0	2.63	103	-	-
Moray																																
Grantown-on-Spey ...	¶	229	6.5	-1.4	2.5	-	9.8	2	-11.3	17	-	-	24	-	5	12, 27	11	7	4	3	0	0	0	0	17	22	-	0	2.17	-	-	-
Forres ...	¶	50	8.0	1.9	4.9	+1.6	11.2	23	-6.1	16	3.7	-	15	43	6	12	7	4	1	1	0	0	0	0	6	13	-	2	2.95	111	-	-
Kinloss ...	¶	21-9	5	8.3	2.5	5.4	+1.9	11.4	2	-7.9	17	4.5	14	41	6	12	8	4	3	1	0	0	0	0	6	14	9	1	2.75	-	-	-
Elgin ...	¶	15	8.3	1.7	5.0	-	11.7	9, 23	-7.3	17	-	-	11	28	3	19	7	5	-	1	-	-	-	0	7	11	-	-	2.88	-	S	-
Lossiemouth ...	¶	6	8.2	0.8	4.5	+1.3	11.4	23	-7.3	17	-	-	13	36	4	12	7	4	1	1	1	0	0	0	10	21	16	0	-	-	-	-
Gordon Castle ...	¶	32	8.1	2.3	5.2	+1.7	11.7	20	-3.9	16, 17	-	-	8	16	3	27	6	2	2	0	1	0	0	-	4	-	-	0	3.02	121	-	-
Banff																																
Glenlivet ...	¶	21-9	215	6.8	0.9	3.9	-	10.4	2	-9.6	17	-	12	-	4	27	10	5	6	3	0	0	0	0	13	19	17	0	3.17	-	-	-
Banff ...	¶	24	7.7	2.6	5.1	-	11.7	23	-2.8	16, 17	-	-	7	-	2	18	6	3	-	0	-	-	-	0	4	-	-	-	2.76	-	-	-
Aberdeen																																
Braemar ...	¶																															

Table 3 Summary of daily observations

For meaning of symbols 1 5 5 5 used below see Notes in the Introduction.

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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 (mm)	date	precip'n		snow or sleet	snow lying at 9h	hall	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 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date							0.2mm or more	1.0mm or more														
1 SCOTLAND E — continued																																	
Aberdeen — continued																																	
Inverurie Sewage Works		99	54	7.9	0.2	4.1	-	12.1	23	-8.7	16	-	-	16	-	5	27	7	4	1	0	0	0	0	12	18	-	0	2.47	-	-	-	-
Fyvie Castle		99	66	7.8	0.1	3.9	-	12.8	23	-7.8	16, 17	-	-	16	24	6	17	9	4	0	0	0	0	0	11	20	-	0	2.73	-	-	S	
Craigstone		99	91	7.3	1.5	4.4	+1.5	11.4	23	-4.7	16	3.5	4.3	15	26	7	17	5	4	1	1	0	0	0	8	14	-	0	2.43	85	-	-	
Dyce		21-9	58	7.7	1.3	4.5	+1.6	11.8	2	-7.7	16	-	-	17	27	7	17	5	4	2	1	0	0	0	10	18	13	0	2.54	-	-	-	
Aberdeen		99	52	7.7	0.8	4.3	+1.4	12.1	2	-6.2	16	-	-	17	31	7	17	5	5	0	0	0	0	0	11	16	-	0	2.58	97	-	-	
Fraserburgh		21-9	18	7.6	3.4	5.5	-	12.0	23	-2.1	17	-	-	21	-	14	17	10	4	1	0	0	0	0	3	6	7	2	2.77	-	-	-	
Kincardine																																	
Fettercairn		99	171	6.7	0.4	3.5	+1.3	13.5	3	(-5.4)	16	-	-	32	49	9	17	12	6	4	1	0	0	0	1	10	12	-	0	2.24	-	S	
Strachan		99	120	7.3	-0.7	3.3	-	12.2	2	-9.4	16	3.9	-	16	-	5	27	7	6	2	0	0	0	0	0	12	21	-	0	2.68	-	S	
Banchory		99	77	7.9	0.2	4.1	-	13.2	23	-6.8	16	-	-	17	-	5	17	6	6	3	1	0	0	0	0	12	16	-	0	-	-	S	
Stonehaven		99	4	8.1	1.1	4.6	+0.9	12.8	3	-5.0	17	-	-	21	42	8	27	5	4	0	0	0	0	0	8	-	-	0	2.63	98	-	-	
Angus																																	
Mylnfield		99	30	7.7	2.0	4.9	-	13.6	3	-3.9	16	4.1	5.5	21	43	6	27	9	6	2	0	0	0	0	6	18	-	0	2.47	-	-	-	
Dundee		99	45	7.9	2.3	5.1	+1.8	12.4	3	-3.2	16	3.8	-	20	36	7	27	12	5	2	0	0	0	0	6	18	-	0	2.47	-	-	-	
Glamis Castle		99	61	7.4	0.8	4.1	-	11.7	24	-6.1	16	-	-	24	39	7	27	9	7	4	1	0	0	0	5	16	-	0	2.34	-	-	-	
Whitehills		99	258	7.4	-0.7	3.3	-	12.7	3	-8.2	16	-	-	31	40	8	14	10	8	4	3	0	0	0	13	19	-	0	-	-	-	S	
Buddon Ness		99	5	7.7	1.3	4.5	+1.4	12.8	3	-10.6	16	-	-	18	37	6	27	10	6	0	-	0	0	0	6	-	-	0	-	-	-	-	
Carnoustie		99	9	8.1	1.3	4.7	-	12.3	3	-4.2	16	-	-	24	49	6	19	8	5	0	0	0	0	0	8	-	-	0	2.66	-	-	-	
Arbroath		99	28	7.7	2.3	5.0	+1.3	12.3	3	-3.4	16	-	-	16	33	5	18	6	5	0	0	0	0	0	5	10	-	0	2.87	94	-	-	
Usan		21-9	30	7.5	2.6	5.1	-	13.1	3	-2.7	16	-	-	21	-	7	17	8	4	0	1	0	0	0	6	8	7	1	2.91	-	-	-	
Montrose		99	57	7.4	1.7	4.5	-	13.3	3	-3.9	16	-	-	21	45	8	17	8	4	2	0	0	0	0	6	13	-	0	-	-	-	-	
Perth																																	
Aberfoyle		99	27	8.3	1.0	4.7	-	13.3	4, 24	-5.6	16	-	-	124	-	28	11	18	18	4	-	0	0	0	-	7	11	-	0	-	-	-	-
Dall		99	232																														
Callander		99	107	7.1	0.7	3.9	-	13.3	4	-6.1	16	-	-	155	-	35	12	18	13	5	4	0	0	0	2	7	15	-	0	-	-	-	-
Ardtnaig		99	130	7.2	1.8	4.5	-	12.2	4	-4.4	16	-	-	78	69	29	12	14	9	4	2	0	0	0	0	7	16	-	0	-	-	-	-
Drummond Castle		99	113	7.2	0.9	4.1	-	12.8	4	-7.3	16	3.9	-	79	-	20	12	12	9	5	6	0	0	0	-	10	17	-	0	-	-	-	-
Gleneagles		99	152	6.9	0.4	3.7	-	11.7	3	-7.6	17	-	-	66	76	19	12	14	10	6	-	0	0	0	0	11	14	-	0	2.23	-	-	-
Fowls Wester		99	140	7.2	1.0	4.1	-	12.6	7	-4.3	16	3.8	-	57	-	11	12	11	10	6	2	0	0	0	0	12	19	-	0	2.18	-	-	-
Pitlochry		99	144	-	0.3	-	-	-	-	-6.7	16	-	-	44	65	11	12	12	9	3	2	0	0	0	0	10	16	-	0	2.40	-	-	-
Faskally		99	94	7.7	0.4	4.1	-	12.2	3	-5.6	16	3.5	-	47	67	10	13	13	10	5	1	0	0	0	0	10	19	-	0	-	-	-	-
Ashintully Castle		99	341	5.3	-1.0	2.1	-	10.8	4	-7.4	16	-	-	45	-	10	12	13	9	6	9	0	0	0	3	15	20	-	0	-	-	-	-
Strathallan		99	41	8.0	1.7	4.9	-	12.6	3	-4.6	16	-	-	33	-	9	27	10	7	5	1	0	0	0	2	7	17	-	0	-	-	-	-
Perth		99	23	8.1	1.2	4.7	+1.5	13.1	24	-4.5	16	-	-	32	59	10	12	14	7	6	1	0	0	0	2	10	12	-	0	1.98	75	-	-
Blairgowrie		99	70	7.2	-	-	-	11.7	3	-	-	2.8	-	32	57	8	27	14	7	-	-	-	-	-	-	17	-	-	0	2.34	-	-	-
Kinross																																	
Kinross		99	113	7.0	1.1	4.1	-	11.7	4	-6.1	16	4.2	-	47	-	15	12	10	9	-	2	-	-	-	-	7	19	-	-	2.06	-	-	-
Fife																																	
Pitreavie		99	40	7.7	2.9	5.3	-	12.0	24	-3.8	16	-	-	36	-	7	12, 17	10	8	3	0	0	0	0	5	14	9	0	-	-	-	-	-
Kirkcaldy		99	32	7.9	1.6	4.7	+1.2	12.2	4	-5.6	16	-	-	23	47	6	12	11	7	5	0	0	0	0	5	12	-	0	1.98	-	-	-	-
Cupar		99	25	8.4	1.3	4.9	-	13.9	7	-6.7	16	4.2	-	20	42	5	12	9	6	1	0	0	0	0	7	13	-	0	2.11	-	-	-	-
Leuchars		21-9	10	7.9	2.0	4.9	+1.1	13.8	3	-6.2	16	-	-	17	40	7	27	8	6	4	0	0	0	0	8	16	13	0	2.49	83	-	-	-
St Andrews		99	18	8.1	2.7	5.4	-	13.3	3	-4.1	16	4.3	5.6	18	-	6	27	7	6	-	0	-	-	-	5	12	-	-	2.30	79	-	-	-
West Lothian																																	
Livingston		99	125	7.2	1.4	4.3	-	11.7	24	-5.6	16	-	-	66	-	13	12, 13	16	11	-	-	-	-	5	6	9	-	-	-	-	-	-	-
Midlothian																			</														

Table 3 Summary of daily observations

For meaning of symbols † ‡ § used below see Notes in the Introduction.

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District, county and place	max. temp. 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'n 0.2mm or more 1.0mm or more	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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
6a SCOTLAND W — continued																																
Argyll — continued																																
Campbeltown ...	99	12	8.4	3.7	6.1	-	11.7	12	-2.8	1	-	-	95	-	23	13	17	13	-	0	-	-	-	2	2	-	-	-	-	2.26	-	-
Achaglachgach ...	99	12	7.7	2.3	5.0	-	10.0	4,20,22	-5.6	1	-	-	125	105	14	2	21	18	-	-	-	-	-	0	7	11	-	-	-	-	-	
Knapdale Forest ...	99	40	7.7	2.2	4.9	-	10.2	9	-5.4	1	-	-	115	-	16	12	24	18	0	0	2	0	1	0	8	14	-	0	-	-	-	
Glenbranter ...	99	24	7.3	2.3	4.8	-	9.9	25	-5.6	1	-	-	189	-	26	11	23	18	2	1	0	0	0	1	6	12	-	0	-	-	-	
Glen Etive ...	99	24	7.7	1.6	4.7	-	11.1	24	-5.0	1	-	-	218	-	41	11,12	23	20	4	4	0	2	0	-	6	16	-	0	-	-	-	
Benmore Younger																																
Botanic Gardens ...	99	12	7.7	2.4	5.1	-	10.7	7	-8.7	1	-	-	189	96	25	12	23	19	4	4	1	4	1	1	5	13	-	0	-	-	-	
Bute																																
Kildonan ...	21-9	18	7.8	4.3	6.1	-	10.4	4	-2.5	27	-	-	89	-	19	13	21	17	4	0	1	0	0	0	3	9	5	4	1.94	-	-	
Brodick Castle ...	99	15	8.7	3.3	6.0	-	12.0	5	-2.0	1	5.5	-	117	144	28	12	20	17	3	0	0	2	2	0	2	11	-	4	-	-	-	
Rothsay ...	99	43	7.7	3.5	5.6	+1.4	10.0	4,12,22	-2.2	1	4.8	5.6	110	106	15	16	20	15	3	1	0	1	1	0	2	8	-	0	1.26	54	5	
Dunbarton																																
Finnart ...	99	15	7.9	3.0	5.5	-	11.2	12	-3.0	1	-	-	139	-	25	12	21	16	3	1	1	0	0	-	4	-	0	-	-	-	-	
Helensburgh ...	99	89	6.8	2.1	4.5	+1.2	10.0	(2), 7,25	-4.0	1,16,17	-	-	103	88	19	12	15	15	1	-	0	0	0	0	4	-	-	0	1.33	61	5	
Sloy ...	21-9	12	7.5	3.3	5.4	-	12.2	4	-2.2	16	-	-	209	-	49	12	19	16	3	-	1	0	0	1	4	-	-	0	-	-	-	
Cumbernauld ...	99	94	7.2	1.7	4.5	-	11.0	24	-5.0	16	-	-	92	-	24	13	17	14	5	4	0	0	0	0	6	17	-	0	-	-	-	
Stirling																																
Earls Hill ...	21-9	335	4.7	1.1	2.9	-	9.8	24	-6.4	16	-	-	102	-	19	12	18	15	6	-	0	1	0	3	11	13	13	4	2.18	-	-	
Stirling Batterflats ...	99	38	8.1	2.0	5.1	-	14.2	4	-5.6	16	4.6	-	91	-	27	12	15	12	4	1	0	2	0	0	6	13	-	0	2.17	-	-	
Parkhead ...	99	107	8.0	2.1	5.1	-	12.8	24	-4.5	16	4.2	-	66	-	16	12	16	12	4	2	0	0	0	0	5	-	-	0	-	-	-	
Falkirk Sewage Works	99	3	8.2	2.4	5.3	-	(14.2)	4	-4.0	16	-	-	69	-	17	12	12	9	2	1	0	0	0	0	6	-	-	0	1.94	-	-	
Grangemouth ...	99	4	8.1	2.9	5.5	-	12.2	4,24	-3.6	16	-	-	51	-	14	12,13	11	7	3	0	1	0	0	1	5	9	-	0	-	-	-	
Grangemouth Refinery	99	2	8.5	2.7	5.6	-	12.4	24	-3.2	16	-	-	46	-	13	13	10	8	-	-	-	-	-	6	-	-	-	-	-	-	-	
Renfrew																																
Greenock ...	99	61	7.3	3.4	5.3	+1.2	10.2	24	-2.6	16,17	-	-	145	113	29	12	17	16	5	2	0	0	1	1	3	5	-	0	1.65	75	-	
Paisley ...	99	32	7.7	3.3	5.5	+1.3	10.7	7	-3.4	1	5.0	-	106	120	25	12	17	12	2	0	0	2	0	1	5	7	-	0	1.58	79	-	
Barrhead ...	99	30	7.7	2.8	5.3	-	10.7	24	-4.8	16	-	-	112	124	27	12	18	13	4	1	1	0	0	0	5	9	-	0	-	-	-	
Abbotsinch ...	21-9	5	7.8	3.2	5.5	+1.6	11.3	7	-4.6	1	-	-	100	123	26	12	18	13	5	0	2	0	0	0	4	9	9	1	1.59	75	-	
Lanark																																
Crossmyloof ...	99	23	7.9	2.7	5.3	-	11.2	7	-3.4	1	-	-	83	-	20	12	16	11	1	0	0	0	0	1	6	-	-	0	1.61	-	-	
East Kilbride ...	99	178	6.4	1.5	3.9	-	9.6	3	-5.6	16	-	-	112	-	29	12	19	17	-	4	-	-	-	7	10	-	-	-	-	1.84	-	
Glasgow, Springburn	99	107	7.3	2.6	4.9	+1.8	10.7	24	-3.5	16	-	-	79	109	18	13	17	12	4	3	1	0	0	1	4	10	-	0	1.64	79	-	
Coatbridge ...	99	78	7.4	2.3	4.9	+1.5	10.6	3, 7,24	-4.4	16	-	-	70	108	19	12	15	12	5	2	1	0	1	0	6	-	-	0	-	-	-	
Salsburgh ...	21-9	275	5.6	1.3	3.5	-	9.0	4	-5.0	1,16	-	-	-	-	-	-	-	-	6	-	1	0	0	2	8	15	14	2	-	-	-	
Leadhills ...	99	387	4.7	0.5	2.6	+1.6	7.8	12	-7.7	1	-	-	124	99	24	13	18	14	8	7	0	1	0	2	9	12	-	0	-	-	-	
Crawfordjohn ...	99	274	5.6	0.5	3.1	-	9.0	12	-6.5	1	3.7	-	71	-	17	12	19	11	4	4	1	0	0	1	8	15	12	0	1.77	-	-	
Lanark ...	99	152	6.7	1.2	3.9	-	10.6	24	-11.7	16	-	-	-	-	-	-	-	-	4	2	0	6	0	1	6	-	-	1	1.74	-	-	
Carnwath ...	99	208	6.4	0.1	3.3	+1.4	9.5	24	-8.4	16	3.7	-	76	121	16	12	19	15	8	5	3	1	0	2	10	17	-	0	-	-	-	
Camps Reservoir ...	99	295	5.4	0.1	2.7	-	8.9	12	-6.7	1	-	-	102	115	23	12	19	11	11	3	0	0	0	6	12	-	-	5	1.30	-	5	
Ayr																																
Girvan ...	99	8	8.3	4.2	6.3	-	10.8	12	-2.1	1	-	-	70	-	12	13	20	14	0	0	0	0	0	0	3	6	-	3	1.70	-	-	
Hunterston ...	99	8	8.1	4.2	6.1	-	10.6	12	-1.8	1	-	-	89	-	14	12	16	12	2	0	0	3	0	0	2	-	-	1	-	-	-	
Barr ...	99	122	7.8	1.7	4.7	-	11.1	25	-6.7	1	-	-	107	-	15	17	19	17	-	0	-	-	-	10	6	-	-	-	-	-	-	
Auchincruive ...	99	45	7.6	3.0	5.3	+1.4	10.6	12	-3.9	1	5.1	-	87	128	19	13	18	13	2	0	0	1	0	0	4	8	-	0	1.64	68	-	
Prestwick ...	21-9	16	7.6	3.8	5.7	-	10.6	12,20	-4.4	1	-	-	81	127	17	12	17	11	4	0	0	3	1	0	3	6	7	0	1.73	-	-	
Kilmarnock ...	99	34	7.8	2.9	5.3	+1.5	11.1	9	-4.4	1	4.9	6.2	82	111	13	12	17	16	1	1	0	0	0	0	4	9	-	0	1.21	50	-	
Dumfries																																
Dumfries ...	99	49	7.5	2.2	4.9	+1.4	10.9	3	-3.3	16	4.7	5.8	74	102	17	11	15	13	0	-	0	0	0	1	6	15	-	0	2.08	90	-	
Eskdalemuir ⁴	21-9	242	5.8	1.0	3.4	-	10.6	4	-5.4	2	4.6	-	143	122	-	12	18	13	9	3	3	1	0	2	10	13	12	1	1.65	71	-	
			6.1	0.9	3.5	+1.6	11.4	4	-5.0	2,16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kirkcudbright																																
Bargrennan ...	99	110	7.4	1.3	4.3	-	10.6	7	-5.6	1	-	-	97	89	14	12	21	15	1	0	0	3	0	0	7	17	-	0	-	-	-	
Palnure ...	99	15	7.7	2.2	4.9	-	10.7	7	-4.4	1	-	-	74	76	13	11	18	15	0	0	0	0	0	5	6	12	-	0	-	-	-	
Clatteringshaws ...	99	178	6.6	-	-	-	10.0	3	-	-	-	-	165	106	42	12	19	15	7	0	0	0	0	1	-	-	-	0	1.53	-	-	
Glenlee ...	99	55	8.0	1.6	4.8	+1.5	11.7	3	-5.6	16	-	-	138	117	29	12	16	14	-	0	-	-	-	0	6	18	-	-	-	-	-	
Dundee ...	99	119	7.1	0.9	4.0	-	10.2	7	-7.8	16	4.9	-	120	111	32	12	17	10	4	1	0	1	1	1	7	-	-	0	-	-	-	
St Marys Isle ...	99	12	7.9	2.4	5.1	-	11.1	4	-2.9	16	-	-	-	-	-	-	-	-	-	-	-	-	-	0	5	5	-	-	-	-	-	
Girdstingwood ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenochar Barrage ...	99	47	7.8	1.7	4.7	-	11.2	3,7	-4.2	16	-	-	84	98	22	11	17	12	0	0	0	0	0	0	7	-	-	2	-	-	-	
Threave ...	99	73	7.4	1.5	4.5	-	11.7	3	-3.9	1,2,16	4.4	-	83	95	24	11	15	13	3	0	1	1	0	0	7	13	-	0	-	-	-	
Castle Douglas ...	99	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wigtown																																
West Freugh ...	99	15	8.1	2.8	5.5	-	10.6	12,24	-3.4	1	-	-	59	85	13	27	15	12	-	-	-	-	-	-	4	-	-	-	-	2.14	-	-
Penwhirn ...	99	166	6.7	1.6	4.1	-	8.9	23	-6.1	1	-	-	104	99	17	17	20	13	2	0	0	0</										

Table 3 Summary of daily observations

For meaning of symbols § § § § used below see Notes in the Introduction.

FEBRUARY

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day amount (mm)	date	precip'n		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							0.2mm or more	1.0mm or more															
2 ENGLAND NE — continued																																	
Yorkshire N Riding																																	
Leeming ...	21-9	32	7.6	1.5	4.5	-	13.1	3	-4.8	16	-	-	18	4.0	3	12	8	7	7	1	1	0	0	0	0	4	11	19	13	0	2.83	-	-
Marton ...	99	46	8.1	1.6	4.9	-	13.9	3	-4.4	16	3.8	5.6	12	-	3	2.17	9	4	2	1	0	2	0	0	0	8	13	-	0	2.81	-	-	
York (Heslington) ...	99	20	7.7	1.3	4.5	-	11.7	7	-3.8	16	4.0	5.1	10	-	3	14	9	4	1	1	0	1	0	0	4	9	15	-	0	2.18	-	-	
Ampleforth ...	99	95																															
Redcar ...	99	8																															
Pickering ...	99	44	7.8	-0.1	3.8	-	13.4	3	-7.0	16	-	-	14	-	5	17	8	4	4	1	0	0	0	0	3	13	20	-	0	-	-	-	
Scarborough ...	99	36	8.4	2.7	5.5	+1.0	15.0	3	-3.9	16	4.8	-	12	25	4	18	6	4	1	0	0	0	0	0	4	12	-	0	2.33	101	-	-	
Silpho Moor ...	99	203	6.8	0.7	3.7	-	12.3	3	-6.2	16	3.4	-	24	-	4	20	8	20	1	0	0	0	0	0	2	8	20	-	0	2.30	-	-	
Whitby Coastguard ...	21-9	63	7.3	2.4	4.9	-	12.8	3	-3.6	16	-	-	11	-	4	17	6	3	2	0	0	0	0	0	5	7	7	4	-	-	-	-	
Yorkshire E Riding																																	
High Mowthorpe ...	99	175	6.6	0.6	3.6	-	11.5	3	-3.8	16	3.5	-	15	27	5	17	9	3	-	0	-	-	-	-	2	8	15	-	-	2.26	-	-	
Hull ...	99	2	8.4	2.1	5.3	+1.1	12.8	3	-2.2	16,17	4.6	6.6	16	35	7	17	8	4	2	0	0	0	0	0	5	15	-	0	2.02	93	-	-	
Filey ...	99	37	7.4	1.2	4.3	-	13.1	3	-4.4	17	-	-	18	38	7	19	7	5	2	0	0	1	0	1	7	14	-	0	2.30	-	-	-	
Bridlington ...	99	48	7.3	1.1	4.2	+0.7	10.6	23	-5.7	17	-	-	19	40	8	18	7	6	0	0	0	1	0	4	6	14	-	0	2.49	96	-	-	
Kilnsea ...	21-9	12	7.0	2.6	4.8	-	10.8	3	-1.5	16	-	-	12	-	5	17	8	3	4	0	0	0	0	1	2	-	-	4	2.50	-	-	-	
Lincoln																																	
Waddington ...	21-9	68	7.1	2.0	4.5	+0.9	11.4	3	-3.4	17	-	-	14	-	6	17	9	4	5	1	0	2	0	1	6	12	11	0	2.34	95	-	-	
Lincoln ...	99	7	7.7	0.2	3.9	+0.5	11.7	3	-5.0	16,17	4.3	5.2	12	29	5	17	9	4	2	1	0	0	0	2	13	16	-	0	2.17	-	-	-	
Cranwell ...	99	62	7.5	1.1	4.3	+0.8	11.9	3	-4.0	17	3.7	4.7	13	31	4	17	11	5	4	1	0	0	0	1	7	15	14	0	2.49	98	-	-	
Brigg ...	99	3	7.9	1.0	4.5	-	11.8	3	-4.3	16	-	-	13	-	5	17	11	4	2	0	0	0	0	3	10	14	-	0	-	-	-	-	
Binbrook ...	21-9	108	6.7	1.7	4.2	-	10.2	20	-3.0	16	-	-	17	-	7	17	7	4	5	0	0	3	0	3	6	15	11	0	-	-	-	-	
Cleethorpes ...	99	7		2.2			12.6	4	-2.2	16	-	-	13	29	6	13	4	3	-	0	-	-	-	2	3	-	-	-	1.73	71	-	-	
Manby ...	21-9	17	7.6	1.7	4.7	-	12.1	20	-3.7	16,17	4.6	-	14	33	6	17	9	2	3	0	0	2	0	2	5	15	12	0	2.13	-	-	-	
Skegness ...	99	5																															
3 ENGLAND E																																	
Norfolk																																	
Terrington St. Clement ...	99	4	7.4	1.2	4.3	+0.6	11.3	3	-2.0	16	4.8	-	13	39	4	14	8	4	1	0	0	0	0	0	2	8	17	-	0	2.16	89	-	-
Marham ...	21-9	23	7.4	1.2	4.3	-	11.7	3	-4.6	16	-	-	16	-	3	17	9	5	7	0	0	3	0	3	8	13	13	0	-	-	-	-	
Santon Downham ...	99	24	7.9	-0.6	3.7	-	12.2	20	-6.7	2	4.6	5.6	18	40	5	17	10	5	-	1	-	-	-	-	14	17	-	-	1.70	-	-	-	
West Raynham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Dereham ...	99	53																															
Morley St Botolph ...	99	48	7.3	0.8	4.1	-	10.7	20	-2.7	27	4.3	-	15	-	4	12	11	4	0	1	0	3	0	-	9	17	-	0	2.50	-	-	-	
Cromer ...	99	54	7.4	-	-	-	10.6	24	-	-	-	-	23	48	5	17	11	9	3	0	0	0	0	2	-	-	2	2.33	90	-	-	-	
Coltishall ...	21-9	17	7.5	1.9	4.7	-	11.6	3	-3.1	17	-	-	14	-	4	17	10	5	7	0	0	2	0	2	5	11	9	0	-	-	-	-	
Burlingham ...	99	27																															
Gorleston ...	21-9	4	7.3	2.8	5.1	+0.9	11.0	3	-1.2	17	5.3	6.4	13	33	5	27	13	5	3	1	0	0	0	1	4	11	8	1	2.57	105	-	-	
Suffolk																																	
Brooms Barn ...	99	75	7.4	1.5	4.5	-	11.5	20	-2.3	2	4.2	5.3	18	-	5	14,17	10	6	2	0	0	2	0	3	6	14	-	0	2.32	-	-	-	
Honington ...	99	51	7.6	1.6	4.6	-	11.6	20	-3.5	28	-	-	17	-	4	16	10	7	4	1	1	1	0	3	6	14	11	0	-	-	-	-	
East Bergholt ...	99	4	8.2	1.2	4.7	-	11.7	20	-3.1	16	-	-	23	55	7	17	13	6	-	1	-	-	-	2	11	20	-	-	-	-	-	-	
Wattisham ...	21-9	89	7.1	1.5	4.3	-	11.0	20	-4.4	16	-	-	15	39	5	17	12	4	3	0	0	0	0	3	6	13	10	0	2.54	-	-	-	
Lowestoft ...	99	25	7.7	2.2	4.9	+1.1	10.8	3	-1.7	16,17	5.1	5.9	12	31	3	17	11	5	3	0	0	1	0	1	5	8	-	0	2.40	95	-	-	
Cambridge																																	
Boxworth ...	99	44	7.6	1.3	4.5	-	11.4	20	-3.4	27	-	-	12	34	4	17	5	5	1	0	0	0	0	2	6	18	-	0	2.67	-	-	-	
Mepal ...	99	1	8.3	0.6	4.5	-	11.6	3	-3.8	16	5.2	-	12	-	3	14	6	4	3	0	0	0	0	2	10	20	-	0	2.40	-	-	-	
March ...	99	2																															
Cambridge																																	
Botanic Gardens ...	99	12	7.9	1.1	4.5	+0.6	12.2	3	-3.3	2,16,27	4.8	6.2	11	32	4	14	5	5	1	-	0	0	0	0	2	8	16	-	0	-	-	-	
N I A B ...	99	26	7.9	1.5	4.7	+0.9	11.5	20	-3.3	27	-	-	12	34	4	14	6	5	2	0	0	0	0	3	7	17	-	0	2.74	112	-	-	
Huntingdon																																	
Monks Wood ...	99	31	7.6	1.2	4.4	-	11.1	3	-4.2	27	4.8	6.0	13	-	4	17	8	3	-	0	0	-	-	4	7	17	-	-	2.64	-	-	-	
Wyton ...	21-9	39	7.5	1.9	4.7	-	11.2	3	-2.7	2	-	-	12	35	4	17	6	3	4	0	0	3	0	2	8	14	12	0	-	-	-	-	
Bedford																																	
Woburn ...	99	89	7.4	0.9	4.1	+0.7	10.7	20	-3.9	2	4.7	6.3	15	35	5	14	7	5	3	1	0	0	0	1	8	19	-	0	2.46	100	-	-	
Silsoe ...	99	61	7.7	1.0	4.3	-	11.3	20	-2.9	2,16	3.9	5.7	10	29	5	14	7	4	5	0	0	0	0	1	8	18	(19)	0	2.63	-	-	-	
Cardington ...	21-9	28	7.9	1.0	4.5	+1.1	11.3	20	-3.8	16	4.9	5.9	12	36	5	14	8	4	4	0	1	0	0	1	12	17	14	0	2.77	-	-	-	
Luton ...	99	159	-	-	-	-	-	-	-	-	4.8	6.2	23	-	9	14	8	6	-	0	-	-	-	1	-	15	-	-	2.71	-	-	-	
Hertford																																	
Aldenharn School ...	99	91																															
Garston ...	99	78	8.2	1.1	4.7	-	10.9	21,24	-3.0	2	-	-	22	48	10	14	6	6	-	0	-	-	-	2	8	21	-	-	2.93	-	-	-	
Rothamsted ...	99	128	7.2	1.0	4.1	+0.9	10.2	20	-3.4	16	4.8	6.1	27	56	12	14	9	6	3	0	0	0	0	3	10	21	-	0	2.66	109	-	-	
St Albans ...	99	83	7.8	1.2	4.5	+0.9	11.3	24	-2.9	16	5.1	-	19	44	9	14	6	5	2	0	0	0	0	3	6	19	-	0	2.89	-	-	8	
Letchworth ...	99	64	7.9	1.4	4.7	-	10.8	24	-2.5	2,16	-	-	21	58	7	14,15	8	5	-	-	-	-	-	6	12	-	-	-	-	-	-	-	
Stanstead Abbots ...	99	30	(8.5)	(1.0)	(4.7)	-	11.9	(20),21	-3.9	27	(6.1)	(7.0)	9	-	5	17	5	2	-	0	-	-	-	9	(17)	-	-	-	-	-	-	-	
Hoddesdon ...	99	47	8.4	1.6	5.0	-	11.7	20	-2.9	16	5.6	-	15	-	6	17	8	4	1	0	0	0	0	-	7	12	-	0	2.79	-	-	-	
Essex																																	
Little Parndon ...	99	54																															

Table 3 Summary of daily observations

For meaning of symbols 1 5 7 8 used below see Notes in the Introduction.

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
4 MIDLAND COUNTIES — continued																																	
Yorkshire W Riding — continued																																	
Huddersfield	99	99	7.7	2.0	4.9	-	11.5	20	-3.1	16	4.0	5.2	49	68	22	12	9	8	-	1	-	-	-	-	0	5	11	-	-	2.04	127	-	
Huddersfield Oakes	21-9	235	6.5	1.8	4.1	+1.2	11.7	4	-4.0	16	3.7	5.3	72	86	28	12	13	9	6	1	1	1	2	2	7	15	13	3	2.07	109	-		
Bradford	99	134	7.0	1.9	4.5	+1.4	11.0	20	-3.6	16	4.0	5.1	62	88	25	12	11	8	7	1	1	1	0	2	6	12	-	0	2.16	118	S		
Ilkley	99	96																															
Sheffield	99	131	7.6	2.6	5.1	+1.3	10.9	24	-2.4	16	4.1	5.6	27	44	8	12	10	8	4	1	0	0	0	-	3	12	-	0	2.26	122	-		
Pontefract	99	78	7.4	1.8	4.6	+1.1	11.0	24	-3.9	16, 17	-	-	13	29	4	13	8	5	3	1	0	1	0	2	5	11	-	0	-	-	-		
Bramham	99	54																															
Cawood	99	6	7.8	0.9	4.3	-	11.3	7	-3.9	17	4.2	5.1	11	25	3	17	8	5	3	1	0	0	0	3	10	19	-	1	2.08	-	-		
Askham Bryan	99	34	8.0	0.8	4.4	-	11.8	7	-3.6	17	-	-	16	36	8	28	7	5	0	1	0	0	0	5	12	15	-	0	2.33	101	-		
Derby																																	
Buxton	99	307	5.3	1.1	3.2	+1.2	8.4	20	-4.4	16	3.3	4.2	69	68	23	12	11	9	3	1	0	3	0	8	8	13	-	0	-	-	-		
Mackworth	99	89	7.2	0.8	4.0	-	10.5	12	-5.2	16	-	-	15	-	5	12	5	5	-	0	-	-	-	-	4	7	-	-	-	-	-		
Belper	99	62	7.7	1.0	4.3	+0.8	10.9	4	-4.6	17	-	-	23	42	8	17	9	7	3	1	0	0	0	-	(8)	-	-	-	-	-	-		
Ashover	99	186	6.6	1.3	3.9	-	10.2	4	-4.3	16	-	-	26	-	7	27	11	8	7	2	0	1	0	1	7	16	-	0	1.91	-	-		
Derby	99	48	7.8	1.8	4.8	-	10.8	12	-3.6	17	-	-	22	45	6	17	10	6	3	0	0	0	0	1	6	15	-	0	1.77	-	-		
Morley	99	107	7.3	0.6	3.9	-	10.6	7	-5.0	16	-	-	21	37	7	17	10	9	-	1	-	-	-	6	7	18	-	-	2.20	-	S		
Wingerworth	99	126	7.2	0.9	4.1	-	11.4	7	-5.4	17	4.5	-	21	-	5	17	11	8	6	1	0	1	0	4	8	21	-	0	2.09	-	-		
Nottingham																																	
Sutton Bonington	99	48	7.6	1.1	4.3	+0.7	11.8	20	-4.2	16	4.6	5.7	16	36	5	17	9	5	4	2	0	0	0	0	8	18	-	0	1.89	86	-		
Watnall	21-9	117	7.1	1.8	4.5	+1.0	11.2	7	-3.4	16	-	-	23	45	9	17	10	5	7	1	0	2	0	5	5	17	14	0	1.76	80	-		
Mansfield	99	110																															
Nottingham	99	59	7.9	2.2	5.1	+1.2	11.8	7	-2.2	2	4.1	5.1	19	42	6	17	9	8	5	1	0	0	0	3	6	16	-	0	1.88	97	-		
Warsop	99	46	7.6	0.4	4.0	-	11.3	24	-6.0	16, 17	-	-	13	30	5	27	9	4	-	1	-	-	-	-	4	11	19	-	-	2.41	-	-	
Finningley	21-9	10	8.1	1.8	4.9	+1.2	12.1	7	-5.3	17	-	-	13	-	4	27	11	5	6	1	1	1	0	2	8	12	11	0	2.34	-	-		
Leicester																																	
Newtown Linford	99	119	7.4	1.0	4.2	-	11.6	20	-4.9	16	-	-	16	31	4	27	10	4	5	2	0	1	0	1	8	15	-	0	2.00	-	-		
Caldecott	99	53	7.9	-1.3	3.3	-	11.3	20, 22	-6.9	16	-	-	15	41	5	17	7	5	-	1	-	-	-	-	4	17	15	-	-	1.95	-	-	
Northampton																																	
Bugbrooke Mills	99	69	(7.6)	0.9	(4.3)	-	11.4	20	-4.4	17	4.9	6.1	14	35	4	14	8	4	-	0	-	-	-	1	8	-	-	-	2.20	-	-		
Raunds	99	59	7.7	1.0	4.3	+0.8	11.2	20	-4.3	16	4.4	6.1	19	49	5	14	10	5	4	1	0	0	0	3	7	15	-	0	2.20	95	-		
Wittering	99	65	7.4	1.6	4.5	+0.9	11.6	3	-3.8	17	-	-	13	33	3	27	9	5	5	1	0	4	0	5	8	13	11	0	2.61	-	-		
Warwick																																	
Birmingham																																	
King Edward School	99	137											20	36	4	27	7	6	5	1	0	0	0	3	-	-	0	-	-	-	-		
Edgbaston	21-9	163	7.0	2.7	4.9	+1.1	11.4	20	-2.3	16	5.9	7.7	18	33	5	27	8	5	5	2	0	0	0	1	4	13	11	0	2.18	106	-		
Luddington	99	56	7.8	0.9	4.3	-	12.3	20	-3.8	16	-	-	14	-	4	27	8	4	4	0	0	0	0	11	11	18	-	0	2.37	-	-		
Stratford	99	49	7.9	0.3	4.1	-	12.3	20	-5.1	16	4.8	-	16	41	5	17	8	5	3	0	0	2	1	2	10	19	-	0	2.11	-	-		
Elmdon	21-9	99	7.4	1.3	4.3	-	11.9	20	-8.0	17	-	-	15	-	5	16	6	4	6	3	0	2	0	1	9	16	14	0	2.20	-	-		
Shipston-on-Stour	99	111	7.3	1.3	4.3	-	11.7	20	-3.9	16	4.6	-	19	40	7	14	9	3	3	1	0	1	0	1	9	17	-	0	2.33	-	-		
Wellesbourne	99	47	(6.9)	(0.4)	(3.7)	-	(11.3)	(20)	-4.1	16	-	-	19	43	6	17	(8)	(5)	-	-	-	-	-	-	(11)	-	-	-	2.68	-	-		
Moreton Morrell	99	85	7.6	1.0	4.3	-	11.9	20	-3.6	16, 17	-	-	19	44	7	14	7	5	3	2	0	1	0	0	5	(20)	-	0	2.44	-	-		
Rugby	99	117		(1.2)			12.6	4	-2.5	2	-	(5.7)	21	49	6	23	8	5	-	1	-	-	-	-	(5)	(12)	-	-	-	-	-		
Oxford																																	
Brize Norton	21-9	84	7.6	1.3	4.5	-	11.5	20	-3.8	16	-	-	21	-	5	14	10	7	4	1	0	1	0	4	10	15	-	0	-	-	-		
Oxford	99	63	7.9	1.6	4.7	+0.5	12.2	20	-2.2	16	4.4	5.7	22	49	7	14	8	7	3	1	0	2	0	3	8	16	-	0	2.48	95	-		
Shirburn Model Farm	99	108	7.7	0.6	4.1	-	10.8	19	-3.9	16	4.3	-	20	-	8	14	7	6	2	0	0	0	1	6	12	20	-	0	-	-	-		
Buckingham																																	
Medmenham	99	30	8.4	0.0	4.2	-	12.3	21	-5.9	16	-	-	22	-	9	14	8	4	-	-	-	-	-	-	14	24	-	-	-	-	-		
Grendon Underwood	99	67	8.1	-0.7	3.7	-	11.1	20	-5.8	16	4.8	6.3	18	-	8	14	7	6	1	1	0	0	0	-	16	21	-	0	2.28	-	-		
Aylesbury	99	96																															
Stafford																																	
Keele	99	179	6.6	1.3	3.9	-	10.3	20	-5.0	17	4.1	5.4	28	49	7	17	14	8	6	2	0	0	0	0	6	18	-	0	1.87	-	-		
Oaken	99	125	7.3	1.0	4.1	-	11.1	20	-7.2	17	4.5	-	25	-	6	27	10	7	-	-	-	-	-	-	5	18	-	-	-	-	-		
Stone	99	107	7.1	0.7	3.9	-	10.2	12	-5.9	17	-	-	28	52	11	17	11	7	-	1	-	-	-	1	9	26	-	-	2.02	-	-		
Penkridge	99	101	7.5	0.8	4.1	-	11.2	24	-4.8	17	-	-	20	40	6	17	11	5	-	0	-	-	-	0	(8)	(18)	-	-	-	-	S		
Shropshire																																	
Oswestry	99	174	6.8	1.7	4.3	-	10.1	22	-4.0	17	-	-	36	52	8	14	11	8	4	3	0	1	0	1	4	15	-	0	2.39	-	-		
Church Stretton	-	183																															
Shrewsbury	99	56																															
Shawbury	21-9	72	7.5	1.4	4.5	-	12.2	20	-10.0	17	-	-	24	55	7	27	12	5	5	1	0	1	0	1	9	15	13	0	2.25	-	-		
Clee Hill	21-9	504	-	0.0	-	-	-	-	-4.2	16	-	-	32	-	6	16	12	9	4	6	0	1	0	10	14	(17)	(17)	2	-	-	-		
Bridgnorth	-	-																															
Newport	99	64	7.4	0.8	4.1	+0.7	11.1	20	-8.1	17	-	-	20	44	5	27	9	5	5	1	1	0	0	0	9	17	-	0	1.97	87	S		
Worcester																																	
Malvern	99	62	7.9	1.9	4.9	-	12.7	20	-3.2	23	4.7	6.0	23	44	7	16	10	5	4	1	0	0	0	6	7	13	-	0	2.25	87	S		
Pershore College of Horticulture	99	40																															
Pershore	21-9	114	7.9	1.5	4.7	-	12.6	20	-5.0	16	-	-	11	-	4	27	8	6	5	0	0	0	0	2	9	15	13	0	2.11	-	-		
Ipsley Sewage Works	99	73	-																														

Table 3 Summary of daily observations

For meaning of symbols § § § § used below see Notes in the Introduction.

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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 03 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'n		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)	p. centage of 1931-50 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more														
5 ENGLAND SE																																	
Greater London																																	
Kensington Palace ...	99	25	8.7	2.4	5.5	+0.8	12.2	20	-1.7	16,17	5.8	7.1	15	35	5	14	8	5	1	0	0	1	1	4	3	20	-	0	-	-	-	-	
Hamstead ...	99	137	7.7	-0.1	3.8	+0.3	11.3	24	-4.0	16	-	-	18	38	5	14	9	6	1	0	0	1	1	-	14	19	-	2	2.64	121	-	-	
St James Park ...	99	4	(8.9)	2.9	(5.9)	(+1.0)	12.8	20	-0.8	16,17,18	-	-	11	30	4	17	7	4	0	-	1	0	-	3	-	-	-	0	-	-	-	-	
Regents Park ...	99	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Greenwich ...	99	7	8.8	2.2	5.5	-	12.8	20	-2.1	16	-	-	12	31	4	14	7	3	0	0	1	0	1	2	5	13	-	0	2.39	134	-	-	
Heathrow ...	21-9	25	8.5	2.4	5.5	+1.2	11.5	20	-2.7	16	-	-	17	40	6	14	8	6	3	0	0	1	0	2	4	15	11	0	2.59	-	-	-	
Hampton ...	99	12	8.4	1.9	5.1	-	11.4	21	-1.8	22	-	-	14	35	5	14	8	6	0	0	0	1	1	2	3	17	-	0	2.85	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Southgate ...	99	67	-	2.0	-	-	-	-	-7.8	16	5.6	-	13	31	4	17	7	4	0	0	0	1	1	1	5	18	-	0	2.74	-	-	-	
Kew ⁷ ...	21-9	5	8.4	1.6	5.0	-	11.6	20	-3.9	23	5.2	6.6	13	33	5	14	8	4	1	0	0	1	1	2	10	15	14	0	2.88	127	-	-	
Waddon ...	99	59	(8.6)	1.7	(5.1)	(+0.8)	11.7	10,20	-2.8	16	-	-	15	30	5	14	6	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	99	144	7.6	1.7	4.7	+1.1	11.1	20	-2.2	2,16	-	-	16	30	4	14	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromley ...	99	65	8.3	2.1	5.2	+1.0	11.7	20	-2.2	16,17	-	-	14	32	5	14	8	6	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
Surrey																																	
Gatwick ...	21-9	59	8.2	0.6	4.4	+0.6	11.0	21	-5.9	16	-	-	20	37	7	14	7	5	2	0	2	0	1	4	15	18	16	0	2.97	-	-	-	
Wisley ...	99	35	8.4	1.5	4.9	+0.8	10.7	21	-2.8	2	5.5	6.8	19	-	9	14	9	5	-	0	-	-	-	4	7	19	-	-	2.57	-	-	-	
Mickleham ...	99	55	8.0	0.3	4.1	-	10.9	21	-4.7	16	4.8	5.9	24	40	9	14	8	5	3	0	0	0	0	2	12	23	-	0	-	-	-	-	
Kent																																	
Hadlow College ...	99	30	8.3	1.2	4.7	-	12.3	20	-2.4	16	5.8	6.7	20	-	10	14	8	5	1	0	0	1	1	4	11	17	-	0	2.78	-	-	-	
Gillingham ...	99	4	8.2	1.9	5.1	-	13.3	20	-1.1	16,28	-	-	19	44	6	14	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	8.3	1.3	4.7	-	12.4	20	-3.6	16,28	-	-	16	-	7	14	8	3	2	0	0	1	0	-	-	-	-	-	-	-	-	-	
Dungeness ...	21-9	3	8.3	2.6	5.5	+1.2	10.6	22,23	-1.5	16	-	-	20	47	4	15,16	7	6	2	0	0	0	0	0	6	-	-	-	-	-	-	-	
Whitstable ...	99	3	8.3	2.9	5.6	-	13.4	20	-1.1	11	-	-	14	40	6	14	8	4	2	0	0	0	0	0	6	-	-	-	-	-	-	-	
Folkestone ...	99	39	8.2	3.2	5.7	-	11.6	3	-0.5	28	-	7.6	18	38	6	17	10	5	0	0	0	0	1	3	-	-	-	-	-	-	-	-	
Elmstone ...	99	9	7.7	1.5	4.6	-	10.6	3	-2.1	16	-	-	19	-	7	14	8	6	-	1	-	-	-	0	9	10	-	-	-	-	-	-	
Herne Bay ...	99	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dover ...	99	6	8.4	3.2	5.8	+1.3	12.0	3	-0.6	16	6.3	7.2	19	37	7	14	9	5	2	0	0	3	0	1	1	10	-	0	2.72	-	-	-	
Manston ...	21-9	44	7.7	2.9	5.3	-	12.8	20	-0.9	16,28	-	-	15	41	5	14	9	5	5	1	1	4	0	1	3	11	8	0	-	-	-	-	-
Margate ...	99	16	7.7	3.8	5.7	+1.0	12.8	20	0.0	28	5.7	6.8	19	-	7	14	12	6	3	1	0	1	0	2	0	6	-	1	2.53	95	-	-	
Goudhurst ...	99	85	8.1	1.1	4.6	-	11.5	20	-3.8	16	-	-	29	47	9	14	9	6	2	0	0	1	0	3	9	16	-	-	-	-	-	-	
East Malling ...	99	37	8.3	1.7	5.0	+1.2	12.9	20	-2.7	16	5.1	6.3	21	44	8	14	9	15	2	0	1	0	0	1	9	15	-	0	2.85	122	-	-	
Throwley ...	99	150	7.2	1.6	4.4	-	10.7	20	-2.1	16	4.6	6.1	21	36	8	14	10	7	3	0	0	1	0	4	6	17	-	4	2.39	-	-	-	
Faversham ...	99	48	7.8	1.8	4.8	-	12.3	20	-1.6	16	5.4	6.3	19	-	9	14	7	15	4	0	1	0	0	2	7	15	-	0	2.68	-	-	-	
Wye ...	99	56	8.4	1.7	5.1	+1.3	11.7	21,22	-1.8	16	5.6	6.4	22	39	6	17	8	6	2	0	0	0	0	6	4	17	-	0	2.42	95	-	-	
Sussex																																	
Thorney Island ...	21-9	3	8.4	2.1	5.3	-	11.4	21	-3.2	16	-	-	19	37	9	14	8	4	2	0	1	0	0	2	7	17	14	0	2.94	-	-	-	
Rogate ...	99	64	8.2	0.2	4.2	-	11.4	19	-6.0	16	5.5	-	35	-	14	14	9	5	4	0	0	0	0	2	12	22	-	0	-	-	-	-	
Bognor Regis ...	99	7	8.3	2.6	5.5	+1.0	10.7	3	-1.7	16	-	7.6	23	41	6	14	12	6	0	0	1	0	0	2	1	15	-	0	3.35	114	-	-	
Fernhurst ...	99	57	8.1	0.1	4.1	-	11.4	19	-5.4	16	5.0	-	24	36	11	14	11	6	0	-	0	1	0	-	14	18	-	0	2.89	-	-	-	
Littlehampton ...	99	5	8.6	2.1	5.3	+0.8	11.9	24	-3.0	16	-	7.2	19	35	6	14	6	6	0	0	0	1	1	0	6	-	-	0	3.20	110	-	-	
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
North Heath ...	99	21	8.6	0.7	4.7	-	11.3	21	-3.9	23	5.2	6.9	32	-	11	14	9	5	1	0	0	1	1	2	12	-	-	0	2.75	-	-	-	
Worthing ...	99	8	8.4	2.8	5.6	+1.1	11.1	23	-1.8	16	6.1	-	16	31	5	14	10	5	1	0	0	1	0	1	1	20	-	1	3.37	115	-	-	
Brighton ...	99	10	8.3	3.6	5.9	-	11.1	3	-0.6	16	-	7.6	19	38	6	14	8	7	0	0	1	0	0	2	1	9	-	2	2.87	99	-	-	
Plumpton ...	99	76	7.8	1.8	4.8	-	10.6	24	-1.7	16	-	-	37	-	9	12	11	9	-	0	-	-	-	3	5	14	-	-	-	-	-	-	
Wakehurst Place ...	99	133	7.7	(1.6)	(4.7)	-	10.1	21	-3.3	17	-	-	31	-	10	14	9	4	1	0	2	0	2	4	4	21	-	0	-	-	-	-	
East Hoathly ...	21-9	40	8.3	0.4	4.3	-	10.9	3,4	-5.3	16	-	-	24	-	9	14	7	6	1	0	0	1	0	3	12	19	17	0	3.02	-	-	-	
Eastbourne ...	99	7	8.3	3.3	5.8	+1.2	10.8	3	0.1	16	6.2	7.9	25	46	7	14	11	6	0	-	0	2	0	1	0	14	-	0	3.34	118	-	-	
Eastbourne Coastguard	21-9	3	8.4	2.8	5.6	-	10.9	19	-2.5	16	-	-	27	50	8	14	10	6	0	0	0	0	0	2	7	13	11	2	-	-	-	-	
Bexhill ...	99	4	(8.2)	2.8	(5.5)	(+1.1)	11.1	3	-1.6	16	6.2	-	23	46	6	14	6	6	1	0	0	0	0	2	2	13	-	1	2.79	99	-	-	
Bodiam ...	99	22	8.2	1.2	4.7	-	11.8	20	-2.8	24	5.6	6.8	28	48	9	14	9	7	2	0	1	2	0	4	9	17	-	3	2.68	-	-	-	
Hastings ...	99	45	7.8	3.5	5.7	+1.3	10.7	3	-1.1	16	5.4	7.2	24	47	8	14	7	7	1	0	0	2	0	1	2	8	-	1	2.88	102	-	-	
Berkshire																																	
Letcombe Regis ...	99	107	(8.1)	(0.5)	(4.3)	-	11.7	19	-3.9	26	-	-	22	-	9	14	8																

Table 3 Summary of daily observations

For meaning of symbols § § § used below see Notes in the Introduction.

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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							
			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 1915-50 average	amount (mm)	most in a day	precip'n		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							0.2mm or more	1.0mm or more														
5 ENGLAND SE — continued																																
Wiltshire																																
Lacock ...	99	49	8.0	0.0	4.0	-	11.4	21	-5.0	23	-	-	22	40	5	14	8	8	-	0	-	-	-	6	15	16	-	-	-	-	-	-
Lyneham ...	21-9	145	7.1	1.4	4.3	+0.6	10.8	21	-3.5	2	-	-	18	33	6	14	7	5	6	3	3	1	0	5	9	16	14	0	2.40	-	-	-
Larkhill ...	99	132	7.7	0.5	4.1	+0.5	11.2	19	-4.3	16	-	-	25	49	9	14	7	7	2	0	1	0	0	3	9	17	13	0	-	-	-	
Boscombe Down ...	21-9	126	7.6	1.2	4.4	+0.1	10.9	20	-5.2	16	-	-	25	47	9	14	7	5	6	1	0	0	0	6	10	14	14	0	2.55	-	-	-
Upavon ...	21-9	176	7.0	1.1	4.1	-	11.4	19	-4.6	16	-	-	19	35	7	14	8	6	5	0	1	2	0	7	10	17	11	0	-	-	-	
Porton ... § § §	99	111	7.6	-0.3	3.7	+0.1	10.9	20	-4.6	16	4.2	-	28	51	11	14	8	6	-	0	-	-	-	4	18	19	16	-	2.50	93	-	-
7a ENGLAND NW																																
Cumberland																																
Sellafield ...	99	13	7.3	2.8	5.1	-	11.0	3	-2.0	5	-	-	69	99	23	16	11	9	-	0	-	-	-	7	4	10	-	-	2.35	-	-	-
Bromfield ...	99	20	7.7	2.2	4.9	-	10.4	20	-3.5	5	-	-	57	-	16	11	12	10	2	0	4	0	0	1	7	8	-	0	-	-	-	-
Carlisle ...	21-9	26	7.6	2.6	5.1	-	11.8	4	-2.7	16	-	-	49	-	12	12	11	9	6	0	1	0	0	6	11	10	0	1.99	-	-	-	-
Newton Rigg § §	99	171	6.8	1.2	4.0	+1.1	10.6	3	-3.9	16	3.9	-	71	114	20	12	13	8	-	1	-	-	-	0	8	13	-	-	2.18	93	-	-
Westmorland																																
Great Dun Fell ...	21-9	847	0.9	-2.2	-0.7	-	6.8	4	-7.5	1	-	-	-	-	-	-	-	-	-	11	-	-	-	23	23	-	-	-	1.11	-	-	-
Moor House §	99	556	3.8	-1.4	1.2	-	8.2	4	-10.2	16	2.2	-	154	107	51	12	14	11	-	12	-	-	-	7	18	20	-	-	1.79	-	-	-
Lancashire																																
Squires Gate ...	21-9	10	7.5	3.1	5.3	+1.2	9.7	20	-3.7	2	-	-	43	77	10	11	11	9	4	1	0	3	0	3	7	10	8	2	2.14	87	-	-
Aigburth ...	99	14	7.8	3.1	5.5	-	11.8	20	-2.2	16	-	-	26	-	6	17	10	6	3	0	0	0	3	3	8	9	2	2.19	-	-	-	-
Southport ...	99	5	7.6	2.2	4.9	-	11.2	20	-2.8	16	4.4	7.5	56	102	11	12	11	8	-	0	-	-	-	2	5	10	-	-	2.35	-	-	-
Cartmel ...	99	34	7.5	1.4	4.5	-	11.1	24	-4.8	2	-	-	73	-	15	11	13	11	1	1	0	2	0	0	9	-	-	0	-	-	-	-
Grizedale ...	99	91	7.1	0.6	3.9	-	11.6	4	-6.1	19	3.7	-	155	-	33	17	14	12	5	5	0	3	0	4	10	22	-	1	-	-	-	S
Speke ...	21-9	22	7.8	2.9	5.3	+1.1	12.6	20	-2.9	16	-	-	24	46	7	17	12	6	3	0	1	0	0	7	11	9	1	2.22	-	-	-	-
Kirkham ...	99	24	7.5	2.1	4.8	-	11.1	4	-3.9	2	-	-	55	87	12	12	11	9	3	1	1	1	0	2	4	11	-	0	2.15	-	-	-
Bailrigg ...	99	53	7.1	2.1	4.6	-	10.2	4	-3.6	2	-	-	58	-	15	11	10	8	-	1	-	-	-	1	5	11	-	-	2.03	-	-	-
Morecambe ...	99	7	7.1	2.9	5.0	+1.1	10.6	24	-2.2	2	-	-	51	78	13	11	12	8	2	0	0	1	0	0	2	-	-	0	2.00	82	-	-
Preston ...	99	33	7.5	2.1	4.8	-	10.6	20	-4.4	2	-	-	60	89	15	14	11	9	8	2	0	1	1	6	5	10	-	0	-	-	-	-
Bolton ...	99	107	7.2	1.4	4.5	-	10.3	4	-3.9	2	4.4	-	69	-	21	12	13	9	-	0	-	-	-	8	3	14	-	-	1.89	-	-	-
Stonyhurst § §	99	115	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Helmshore ...	99	261	5.4	1.5	3.9	-	8.3	12	-3.2	17	3.9	-	95	78	27	12	13	9	-	3	-	-	-	9	7	(14)	-	-	1.88	-	-	S
Burnley ...	99	200	6.0	1.6	3.8	-	9.4	4	-3.3	16	4.5	5.3	104	-	31	20	10	10	4	3	0	0	0	4	5	16	-	0	1.73	-	-	-
Nelson ... §	99	165	(7.1)	1.2	(4.1)	-	9.4	12	-5.8	16	3.7	5.0	78	84	27	12	11	10	-	3	-	-	-	4	8	14	-	-	1.50	-	-	S
Rochdale ...	99	110	7.1	1.2	4.1	-	10.6	4	-5.6	16	-	-	82	91	25	12	11	10	4	1	0	0	0	5	7	15	-	0	-	-	-	S
Cheshire																																
West Kirby Park ...	99	8	8.2	2.9	5.5	-	13.4	20	-2.8	2	-	-	26	-	8	12	10	7	-	0	-	-	-	-	4	9	-	-	2.34	-	-	-
Bidston ... § §	99	60	7.2	3.3	5.3	+1.1	10.8	20	-1.5	16	-	-	26	53	5	27	11	6	2	-	0	0	0	2	2	5	-	0	2.21	95	-	-
Ness Gardens ...	99	55	8.1	2.4	5.3	-	12.0	20	-2.6	17	-	-	-	-	6	12	9	7	2	0	1	1	0	1	5	17	-	2	2.20	-	-	-
Winnington ...	99	20	8.2	2.4	5.3	-	12.2	12	-4.3	16	-	-	33	62	8	12	11	6	4	0	0	1	0	3	5	10	-	0	-	-	-	-
Knutsford ...	99	65	(7.8)	(1.7)	(4.7)	-	11.0	23	-3.6	2	4.2	5.2	36	62	9	12	10	8	-	0	-	-	-	(6)	18	-	-	-	-	-	-	-
Ringway ... § §	21-9	75	7.2	2.5	4.9	+1.2	11.1	4	-4.4	16	-	-	35	57	8	12	9	8	8	0	1	0	0	1	5	10	10	0	2.04	104	-	-
Macclesfield ...	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7b NORTH WALES																																
Flint																																
Rhyl ...	99	9	8.1	2.8	5.5	+0.6	11.9	20	-2.3	2	-	-	23	49	7	14	9	6	2	0	1	1	0	0	3	8	-	0	2.21	89	-	-
Prestatyn ...	99	4	8.2	3.3	5.7	-	12.2	20	-0.3	2	-	-	27	53	7	12	11	7	2	0	1	0	0	0	3	-	-	0	1.96	86	-	-
Hawarden Bridge ...	99	5	8.7	2.1	5.4	+0.9	13.9	20	-4.4	17	-	-	18	35	4	17	9	5	3	2	0	0	0	2	6	-	-	0	-	-	-	-
Anglesey																																
Valley ... § §	21-9	10	8.2	4.6	6.4	+1.0	10.0	20	-1.9	2	-	-	47	80	14	11	11	9	2	0	1	2	0	0	4	8	5	3	2.38	85	-	-
Denbigh																																
Colwyn Bay ...	99	-	8.6	3.2	5.9	-	10.6	14,24	-0.6	16	-	-	57	-	23	14	11	10	1	1	1	0	0	0	1	-	-	0	2.81	116	-	-
Alwen ...	99	335	5.7	-1.5	2.1	-	8.9	24	-10.0	2	-	-	75	-	19	12	10	10	-	-	-	-	-	17	22	-	-	-	-	-	-	-
Ruthin ...	99	76	7.9	1.3	4.6	-	10.7	20	-6.1	2	-	-	30	-	8	12	11	7	-	2	-	-	-	0	8	-	-	-	-	-	-	-
Loggerheads §	99	210	6.6	1.0	3.8	-	10.2	20	-6.1	2	3.9	5.2	29	-	6	14	15	7	5	4	0	1	0	1	9	14	-	0	1.76	-	-	S
Bwlchgwyn ...	99	386	5.1	1.3	3.2	-	8.3	20	-2.2	2	4.1	-	42	50	9	16	15	9	5	5	0	0	0	4	6	16	-	0	-	-	-	-
Wrexham ...	99	88	7.7	2.2	4.9	-	11.5	12	-3.9	16,17	4.4	-	28	46	7	16	9	7	3	2	0	0	0	0	4	17	-	0	-	-	-	-
Caernarvon																																
Bardsey Island ...	21-9	18	8.1	5.8	6.9	-	10.5	24	2.0	2	-	-	60	-	12	28	11	9	-	0	-	-	-	0	0	0	0	-	-	-	-	-
Botwnnog §	99	34	8.2	3.2	5.7	-	10.7	20	-2.3	2	5.9	6.9	77	-	14	11	10	9	1	0	0	0	0	0	2	14	-	0	2.12	-	-	-
Pen-y-Ffridd ...	99	84	8.4	2.8	5.6	-	11.7	22,23	-2.0	2,16	-	-	61	70	23	11	11	10	1	1	1	0	0	1	2	17	-	0	1.82	-	-	-
Aber ...	99	18	8.4	3.7	6.1	+0.7	12.0	20	-0.8	16	-	6.5	82	104	24	11	12	9	1	0	3	0	0	0	2	6	-	0	1.66	83	-	S
Merioneth																																
Travsfynydd ...	99	186	7.3	1.8	4.5	-	10.0	20	-3.9	2	-	-	128	-	30	12	14	11	-	2	-	-	-	2	4	20	-	-	-	-	-	-
Bala ...	99	163	7.0	0.2	3.6	-	10.0	3	-6.4	2	4.3	3.5	81	-	34	12	11	11	2	2	0	1	0	2	12	19	17	2	1.54	-	-	-
Corwen ...	99	144	7.2	0.0	3.6	-	10.5	22	-5.4	2	-	-	54	59	18	12	11	8	2	1	0	0	0	-	13	19	-	0	-	-	-	S
Montgomery																																
Ceiriws ...	99	61	8.1	0.8	4.5	-	10.8	7,22	-6.7																							

Table 3 Summary of daily observations

For meaning of symbols 1 5 7 S used below see Notes in the Introduction.

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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					
				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'n 0.2mm or more or 1.0mm or more	snow or sleet snow lying at 8h	ice pellets, etc.	thunder heard	fog at 8h	air frost	grass min. below 0°C	frost 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																																	
Carmarthen																																	
Carmarthen ...		99	15	8.7	1.3	5.0	-	11.1	7,20	-4.6	2	5.8	7.0	64	-	11	14	11	11	1	0	0	1	0	0	9	18	-	2	2.30	-	-	
Esgairwen-Uchaf ...		99	332	6.0	1.3	3.5	-	9.1	20	-5.0	16	-	-	60	-	15	14	14	14	7	4	0	3	0	6	6	16	-	1	-	-	-	
Brynamman ...		21-9	183	7.3	2.0	4.7	-	10.5	7	-4.4	16	-	-	63	-	20	14	13	9	3	-	1	4	0	4	4	12	-	0	-	-	-	
Radnor																																	
Cenarth Mill ...		21-9	282	6.0	0.1	3.1	-	9.1	20,22	-6.6	2	-	-	79	-	20	12	12	10	-	3	-	-	-	0	16	16	-	-	-	-	-	
Llandrindod Wells ...		99	235	7.2	0.3	3.7	+0.6	10.8	20,22	-5.0	2	4.8	-	52	64	12	14	12	10	3	3	0	1	0	0	10	-	-	0	1.76	79	S	
Brecknock																																	
Llwynon ...		99	262	6.5	-0.2	3.1	-	10.6	22	-6.1	16	-	-	82	-	20	14	11	10	5	0	0	0	0	5	15	-	-	0	1.79	-	S	
Glamorgan																																	
Mumbles ...		21-9	37	7.7	3.7	5.7	-	11.3	24	-1.6	16	-	-	-	-	-	-	-	1	0	2	0	0	0	1	2	6	2	3	-	-	-	
Penmaen ...		99	82	7.8	2.8	5.3	-	10.6	21	-1.6	2	5.3	6.1	40	-	11	14	12	10	2	0	1	2	0	2	2	14	2	0	2.71	-	-	
Swansea ...		99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Port Talbot ...		99	7	9.0	2.5	5.7	-	13.3	7	-3.4	16	-	-	40	51	13	14	12	8	3	0	1	0	0	0	7	11	-	-	2.65	-	-	
Neath ...		99	62	8.4	2.6	5.5	-	11.1	7	-3.6	16	-	-	48	53	13	14	12	9	2	0	1	1	1	0	4	12	-	0	-	-	-	
Rhose ...		21-9	67	7.7	2.2	4.9	-	10.7	21	-4.6	16	-	-	29	-	7	14	9	8	3	1	3	0	1	3	7	13	13	0	2.34	87	-	
Cardiff ...		99	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Monmouth																																	
Tredegar ...		99	313	6.4	0.3	3.3	-	10.0	22	-6.7	16	-	-	71	51	27	14	12	10	5	4	0	1	0	2	12	19	-	1	-	-	-	
Newport ...		99	23	8.8	(2.4)	(5.6)	(+1.2)	12.8	3	(-3.3)	(16)	-	-	36	49	12	14	8	8	2	0	0	0	0	4	6	17	-	0	2.71	-	-	
Usk ...		99	21	(9.4)	(0.5)	(4.9)	-	13.9	3	-6.7	2	(5.3)	-	38	51	17	14	8	8	-	0	-	-	-	-	(17)	(18)	-	-	1.63	-	-	
Crumblant ...		99	245	6.6	0.8	3.7	-	12.7	3	-3.7	16	4.1	5.4	35	47	14	14	9	8	-	4	-	-	-	-	7	8	19	-	-	2.36	-	-
8b ENGLAND SW																																	
Somerset																																	
Hawkridge ...		99	314	6.3	0.7	3.5	-	9.2	22	-4.4	2	-	-	59	48	13	17	14	11	5	6	4	2	0	6	12	20	-	0	2.38	-	-	
Nettlecombe ...		99	96	8.2	1.4	4.8	-	11.1	20	-3.3	2	5.2	-	33	-	10	14	10	8	3	0	1	2	0	1	8	21	-	0	-	-	-	
Cannington ...		99	29	8.4	1.8	5.1	-	12.5	20	-3.9	25	6.1	-	24	45	8	17	10	7	1	-	0	0	0	1	6	13	-	0	3.19	118	-	
Weston-super-Mare		99	9	(8.3)	(2.4)	(5.3)	(+0.4)	11.1	11	-2.2	2,23	-	-	23	41	6	17	10	7	-	0	-	-	-	-	-	-	-	-	(2.75)(105)	-	-	
Crick Malherbie		99	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cheddar ...		99	11	(8.7)	(1.5)	(5.1)	-	11.7	20	-4.4	16	(5.4)	-	25	-	5	17	9	7	-	0	-	-	-	-	8	17	-	-	-	-	-	
Yeovilton ...		21-9	18	8.8	0.9	4.9	-	12.8	20	-5.1	16	-	-	28	-	9	17	9	7	3	0	2	0	0	4	12	15	14	0	-	-	-	
Rodney Stoke ...		99	40	8.3	1.5	4.9	-	11.4	20	-3.0	16	5.5	6.9	30	-	6	17	10	8	-	0	-	-	-	2	7	15	-	-	-	-	-	
Long Ashton ...		99	49	8.1	1.1	4.6	+0.1	11.3	19	-4.2	16	4.8	-	21	32	7	14	10	6	3	0	0	1	0	1	10	8	-	0	2.54	106	-	
West Camel ...		99	27	8.9	0.4	4.7	-	13.0	20	-5.1	16	-	-	30	-	9	17	9	7	3	0	1	0	1	4	12	21	-	0	-	-	-	
Wincanton ...		99	114	8.1	0.2	4.1	-	11.7	20,21	-5.8	16	-	-	23	-	8	14	9	6	3	0	0	0	0	7	10	17	-	0	-	-	-	
Bath City Boys' School		99	118	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Dorset																																	
Portland Bill		21-9	53	8.0	4.5	6.3	-	10.1	22	0.2	2	-	-	17	-	11	14	6	3	1	0	0	2	1	0	0	9	6	1	3.55	-	-	
Coastguard ...		99	23	9.1	2.3	5.7	-	12.7	3	-1.9	2	-	-	18	-	10	14	7	5	0	0	0	0	0	0	6	-	-	0	3.90	-	-	
Weymouth ...		99	26	9.1	0.7	4.9	-	11.7	17,21	-4.4	16	-	-	24	-	13	14	8	6	-	0	-	-	-	1	11	20	-	-	-	-	-	
Winfrith ...		99	207	0.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Shaftesbury ...		99	11	9.2	2.8	6.0	-	12.7	21	-0.9	16	-	7.7	25	42	16	14	7	3	0	-	1	0	1	1	2	12	-	0	3.49	123	-	
Swanage ...		99	8	9.0	1.1	5.1	-	12.1	17	-3.9	16	5.5	6.9	19	32	10	14	8	6	1	0	0	0	1	4	9	18	-	0	3.52	124	-	
Poole ...		99	8	9.0	1.1	5.1	-	12.1	17	-3.9	16	5.5	6.9	19	32	10	14	8	6	1	0	0	0	1	4	9	18	-	0	3.52	124	-	
Devon																																	
Virginstow ...		99	168	8.3	(1.8)	(5.1)	-	10.6	22,23	-3.0	25	-	-	39	-	10	14	12	10	0	-	0	1	0	1	6	12	-	0	-	-	-	
Hartland Point ...		21-9	91	7.6	4.5	6.1	-	10.0	11	1.3	2,15	-	-	35	52	9	27	11	9	0	0	0	3	0	0	0	1	2	5	2.95	108	-	
Mount Batten ...		21-9	27	8.7	3.9	6.3	+0.5	10.9	21	-1.7	23	-	-	31	39	8	14	11	9	1	0	0	2	0	1	3	10	7	3	3.26	114	-	
Plymouth Hoe ...		99	36	9.1	2.9	6.0	+0.2	11.4	22	-0.9	2,23	6.4	7.5	28	36	6	27	11	9	1	0	0	0	1	4	-	-	-	2	3.04	106	-	
Tavistock ...		99	139	9.4	1.69	5.61	+0.3	12.2	22	-2.8	3,25	-	-	55	50	9	14	13	12	3	1	2	0	0	1	7	-	-	0	-	-	-	
Chivenor ...		21-9	6	9.0	3.5	6.3	+0.2	12.2	11	-2.2	2	-	-	32	49	11	14	10	9	1	0	0	4	0	1	4	10	8	0	2.77	-	-	
Ilfracombe ...		99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cornwall																																	
Totnes ...		99	84	9.3	1.6	5.5	-	11.7	23	-3.8	25	6.0	7.2	32	-	8	17	9	8	-	0	-	-	-	0	7	19	-	-	3.41	-	-	
Cheldon Barton ...		21-9	163	7.7	1.8	4.7	-	11.4	11	-2.5	25	5.2	-	31	-	8	14	11	7	3	1	0	2	0	2	8	17	-	0	2.65	-	-	
Slapton ...		99	32	10.1	2.2	6.1	-	14.5	18	-3.8	4	-	-	41	46	13	14	9	8	0	0	0	2	0	0	7	11	-	0	-	-	-	
Newton Abbot ...		99	83	8.8	2.4	5.6	+0.6	12.3	23	-5.1	25	-	-	28	35	12	14	10	7	0	0	0	0	0	0	7	11	-	0	-	-	-	
Torbay (Torquay)		99	8	9.2	2.6	5.9	+0.2	12.2	23	-3.3	25	-	7.1	102	139	11	14	9	4	0	0	0	0	0	1	7	10	-	0	3.45	123	-	
Teignmouth ...		99	6	9.0	3.1	6.1	+0.3	12.0	23	-1.9	26	-	-	28	41	14	14	11	3	0	0	0	0	1	1	4	-	-	0	3.64	126	-	
Starcross ...		99	9	9.1	2.3	5.7	-	12.8	17	-2.3	23	5.8	-	25	38	13	14	10	4	2	0	2	0	0	4	9	14	-	1	3.40	-	-	
Exmouth ...		99	59	8.5	2.5	5.5	+0.5	12.0	17	-1.5	2,23,26	-	-	22	35	12	14	10	4	1	0	0	1	1	1	6	-	-	0	3.52	122	-	
Exeter ...		21-9	32	8.8	2.0	5.4	-	12.4	20	-4.5	23	-	-	28	33	9	14	10	5	4	0	0	1	1	2	8	17	11	1	2.87	-	-	
Sidmouth ...		99	8	9.2	2.4	5.8	+0.5	11.7	17,22	-1.1	2,23,26	-	-	28	46	11	14	7	7	-	0	-	-	-	0	7	19	-	-	3.61	122	-	
Scilly																																	
Penzance ...		21-9	48	9.8	6.0	7.9	+0.6	12.2	23	1.9	2	-	-	33	47	7	13	12	9	0	0	0	2	0	0	0	3	2	0	3.31	115	-	
Gulval ...		99	19	10.2	4.5	7.3	+																										

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

FEBRUARY

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day													daily mean (hours)	percentage of 1916-50 average		
			max. (a)	min. (b)	daily mean (mean of a + b)	difference from 1931-50 average	max.	date	min.	date						precip'n	0.2mm or more	1.0mm or more	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	
NORTHERN IRELAND — continued																															
Londonderry — continued																															
Garvagh Forest ...	99	88	8.1	1.9	5.0	-	11.2	24	-6.7	1	4.8	6.0	93	-	14	12	19	15	4	1	0	0	0	0	7	11	-	-	-	-	-
Moneydig ...	21-9	34	8.4	3.0	5.7	+1.5	12.1	7	-5.6	1	5.2	-	63	87	10	12	18	11	6	2	2	2	0	1	7	12	9	0	-	-	-
Traad Point ...	99	16	-	-	-	-	-	-	-	-	-	-	70	-	16	12	15	12	2	-	0	0	0	-	-	-	-	2.12	-	-	-
Antrim																															
Ballymoney ...	99	55	8.2	2.5	5.3	-	11.9	23	-4.3	14	-	-	59	-	9	27	17	15	4	-	0	1	0	0	4	-	-	-	-	-	-
Lisnafillan ...	99	38	8.2	2.9	5.5	-	11.3	7	-3.3	1	-	-	69	-	11	12	17	12	1	1	0	0	0	0	2	4	9	-	2.24	-	-
Aldergrove ¶ §	21-9	68	7.8	3.2	5.5	+1.3	10.5	12	-4.9	1	5.0	6.5	57	83	10	12	17	13	4	0	1	1	0	0	6	9	9	0	1.92	84	-
Greenmount ...	99	32	8.1	2.7	5.4	-	10.5	12	-4.1	1	5.0	-	63	-	13	12	17	13	4	2	0	0	0	-	5	8	-	-	-	-	-
Altnahinch ...	99	226	6.4	1.7	4.1	-	9.4	12,24	-5.1	1	-	-	89	-	11	27	20	15	5	5	0	0	0	3	8	12	-	2	1.82	-	-
Parkmore Forest ...	99	235	6.7	1.8	4.3	-	10.0	24	-3.9	1	4.5	-	107	98	21	12	19	15	5	3	0	0	0	0	8	14	-	0	-	-	-
Black Mountain ...	21-9	295	5.9	2.0	3.9	-	9.0	12	-3.4	16	-	-	62	-	12	15	17	12	5	4	0	0	0	5	7	-	2	-	-	-	-
Lowtown ...	99	271	6.1	1.4	3.7	-	8.9	7,20,24	-3.3	1,16	4.1	-	73	-	12	12	18	15	6	4	0	0	0	3	9	13	-	2	1.75	-	-
Ballypatrick Forest	99	152	7.2	2.3	4.7	-	10.3	7	-2.5	1	-	-	75	84	17	12	18	15	6	3	0	0	0	1	7	13	-	3	1.63	-	-
Belfast Malone ¶	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Newtownabbey ...	99	32	8.7	3.6	6.1	-	11.7	12	-1.2	16	5.4	-	68	-	17	12	17	11	3	1	0	0	0	0	2	9	-	2	2.24	-	5
Woodburn North ...	99	217	6.8	1.9	4.3	-	9.4	12,24	-4.4	16	-	-	73	80	14	12	18	13	3	3	0	0	0	4	7	12	-	0	-	-	-
Larne ...	99	43	8.8	2.8	5.8	-	12.2	7	-3.1	16	-	-	58	72	17	12	16	14	3	1	0	1	0	0	5	-	0	-	-	-	-
Kilroot ...	99	22	8.7	3.0	5.9	-	11.7	12	-1.6	1	-	-	48	-	10	12	15	10	3	0	0	0	0	0	4	13	-	-	-	-	-
Ballylumford ...	99	24	8.5	2.7	5.6	-	11.1	7,12	-3.9	16	-	-	54	-	13	12	15	12	1	-	0	0	0	-	4	13	-	-	-	-	-
Down																															
Hillsborough §	99	116	7.6	2.7	5.1	+1.1	10.8	12	-3.2	1	5.3	6.6	53	80	8	27	15	13	5	1	0	0	0	0	4	12	-	0	2.12	91	-
Kilkeel ...	21-9	18	7.9	3.7	5.8	+0.7	11.5	12	-2.9	16	-	-	65	-	12	12	17	11	1	0	0	0	0	0	4	10	10	1	2.46	-	-
Tollymore Park ...	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosetta ...	99	24	8.6	3.3	5.9	-	11.7	12	-2.2	16	-	-	52	-	8	12	18	11	2	-	0	0	0	0	4	-	-	-	-	-	-
Murlough ...	99	9	8.9	3.3	6.1	-	12.3	12	-3.4	16	5.9	5.9	54	-	7	15	15	11	5	1	0	0	0	0	4	8	-	6	2.84	-	-
Belfast Rosebank ...	99	47	8.7	3.4	6.1	-	11.5	12	-2.1	16	-	-	61	-	8	12	14	12	-	1	-	-	-	-	0	4	-	-	-	-	-
Stormont Castle ...	99	56	8.6	3.2	5.9	-	11.1	24	-2.2	16	3.9	5.9	43	63	8	12	13	10	4	2	0	0	0	2	4	12	-	0	2.27	-	-
Downpatrick ...	99	26	8.4	1.9	5.1	-	11.1	0,25	-2.8	16	-	-	39	-	9	15	14	12	-	-	-	-	-	5	7	12	-	-	-	-	-
Creightons Green ...	99	119	7.5	3.1	5.3	-	10.5	12	-1.7	16	-	-	52	-	9	12	14	10	4	1	0	0	0	1	4	11	-	2	-	-	-
Reagh Island ¹⁰ ...	99	12	8.8	3.6	6.2	-	11.7	12,25	-1.2	16	-	-	35	-	6	15	12	11	2	-	0	0	0	0	1	7	-	4	2.26	-	-
Helens Bay ...	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Killough ...	21-9	15	7.8	3.8	5.8	-	10.4	12	-1.6	16	-	-	44	-	10	5	15	11	5	0	0	0	0	0	4	9	8	4	-	-	-
Ballywalter Park ...	-	-	-	-	-	-	-	-	-	-	-	-	41	70	9	27	15	14	-	-	-	-	-	-	-	-	-	2.18	-	-	-
Armagh																															
Armagh ¶ §	99	62	8.4	2.6	5.5	+0.9	11.1	19	-3.9	1	5.4	6.3	54	97	8	12	14	12	4	3	2	0	0	0	5	13	-	0	1.97	84	-
Loughgall ...	99	25	8.6	2.6	5.6	-	11.2	12	-4.3	1	-	-	51	96	11	12	14	12	4	2	0	0	0	0	6	13	-	0	2.34	-	-
Tandragee ...	99	43	8.6	2.6	5.6	-	11.8	12	-4.5	1	-	-	48	-	7	11	15	12	-	-	-	-	-	-	6	-	-	-	-	-	-
Bessbrook ...	-	-	-	-	-	-	-	-	-	-	-	-	56	77	11	12	16	14	-	-	-	-	-	-	-	-	-	-	2.21	88	-
Portadown ...	99	16	8.7	2.4	5.5	-	12.1	2	-3.3	1	5.4	6.6	56	-	10	12	16	13	0	-	0	0	0	-	6	11	-	-	-	-	-
Lurgan ...	99	55	8.4	2.6	5.5	-	11.6	12	-2.3	1	4.8	6.1	50	-	9	13	15	13	-	-	-	-	-	-	6	10	-	-	2.23	-	-
Tyrone																															
Lough Bradan ...	99	169	7.3	0.9	4.1	-	9.4	12,23,28	-6.1	1,2	-	-	117	-	23	12	18	16	-	5	-	-	-	2	9	19	-	-	1.46	-	-
Baronscourt Forest	99	88	8.3	1.9	5.1	-	10.6	23	-5.2	1	-	-	97	-	20	12	17	15	6	3	0	0	0	1	9	15	-	-	-	-	-
Strabane Convent	99	44	8.7	2.7	5.7	-	11.0	7,23	-3.5	1	-	-	74	-	10	12	19	12	5	2	1	0	0	1	6	13	-	0	1.74	-	-
Carrigans ...	21-9	113	7.9	2.6	5.3	-	10.1	12,24	-4.8	1	-	-	116	-	31	12	18	15	5	3	4	0	1	2	6	12	9	-	-	-	-
Lislap Forest ...	99	209	6.9	0.7	3.8	-	10.1	20	-4.8	1	4.3	-	106	111	20	12	18	14	4	2	0	0	0	2	11	17	-	0	-	-	-
Knockmany Forest	99	73	8.3	1.2	4.7	-	10.4	12	-3.9	2	-	-	90	120	17	11	15	12	4	2	0	0	0	2	10	12	-	-	-	-	-
Pomeroy Forest ...	99	165	7.5	1.8	4.7	-	10.2	23	-3.9	1	4.8	-	88	-	18	12	16	13	5	4	0	0	0	3	6	15	-	0	-	-	-
Cookstown ...	99	77	8.1	2.3	5.2	-	10.7	12	-2.8	1	4.9	-	76	112	15	12	15	13	4	-	0	0	0	1	7	13	-	-	2.30	-	-
Fermanagh																															
Roscor ...	99	143	7.8	2.3	5.1	-	10.5	12	-4.2	1	-	-	110	133	27	12	22	16	3	1	3	0	0	1	5	12	-	0	-	-	-
Lough Navar Forest	99	148	8.0	0.7	4.3	-	11.2	23	-5.0	1	-	-	127	-	29	12	17	16	4	1	1	0	0	1	12	16	-	0	-	-	-
Castle Archdale ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Forest ¶ §	99	66	8.0	2.1	5.1	+0.6	10.3	19	-5.1	1	5.3	5.6	99	134	23	12	18	15	2	2	0	0	0	2	7	13	-	1	1.78	73	-
Lisnaskea ...	99	49	8.6	2.0	5.3	-	11.1	12	-4.5	1	-	-	53	-	10	13	18	11	4	-	0	1	0	1	8	14	-	0	1.90	-	-
Pubble Forest ...	99	91	8.0	1.7	4.9	-	10.6	12	-5.1	1	-	-	94	-	13	12	19	15	2	2	2	0	0	1	6	17	-	-	-	-	-
CHANNEL ISLES																															
Guernsey Airport	21-9	104	8.0	4.4	6.2	0.0	10.3	20	0.1	15	6.4	7.5	38	55	11	15	10	9	2	0	2	0	1	1	0	11	-	0	2.86	-	-
Guernsey L'ancresse	99	5	9.3	4.1	6.7	-	12.0	20	-2.0	23	-	-	46	-	15	15	10	7	0	-	1	0	0	-	3	-	-				

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

¹³Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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					visibility							beaufort force																	
								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	speed (kt)												
																									34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
number of observations																																					
3 ENGLAND E - continued																																					
Wattisham (Suffolk)																																					
91	3	1019.4	-	3.1	0.4	7.1	91	5.4	7	1	2	4	13	1	0	1	0	1	2	8	10	3	2	1	0	2	6	20	0	2	2	1	1	3	8	8	
	9	1020.2	-	3.4	0.7	7.0	89	5.4	3	4	3	10	7	1	0	1	0	2	4	6	9	2	4	0	0	0	7	20	1	2	2	1	1	4	8	5	
	15	1019.7	-	6.4	1.5	7.5	77	6.6	0	2	2	17	6	1	0	0	1	0	0	2	10	8	4	3	0	1	7	19	0	2	3	2	1	5	2	6	
	21	1020.5	-	3.8	0.6	7.3	90	6.2	3	1	3	7	13	1	0	2	0	1	1	4	14	3	3	0	0	1	8	18	1	6	2	1	2	5	3	6	
Aldeburgh (Suffolk)																																					
9	9	1019.8	-	-	-	-	-	5.3	5	1	6	5	11	0	0	0	0	1	0	4	3	7	12	1	0	0	2	5	20	1	2	2	1	1	4	9	7
	15	1019.4	-	-	-	-	-	6.7	0	2	1	13	12	0	0	0	0	1	0	4	3	7	12	0	0	0	2	5	20	1	4	1	0	2	2	5	6
	21	1020.1	-	-	-	-	-	6.0	4	3	1	0	19	1	0	1	0	0	1	0	11	15	0	0	0	0	4	20	2	4	4	0	1	2	4	6	
Wytton (Huntingdonshire)																																					
43	3	1019.4	-	3.2	0.6	6.9	89	5.3	5	3	2	5	11	2	0	2	0	0	2	5	11	5	3	0	0	0	5	20	3	0	1	2	1	4	5	10	
	9	1020.3	-	3.5	0.7	7.0	88	6.0	1	4	2	12	8	1	0	1	0	1	4	7	10	3	1	1	0	0	5	20	3	2	0	2	0	2	9	8	
	15	1019.8	-	7.1	1.9	7.5	74	6.6	0	1	4	14	9	0	0	0	0	0	0	5	10	11	0	2	0	0	10	18	0	3	3	1	4	2	6	5	
	21	1020.5	-	4.5	0.9	7.3	86	5.1	5	4	3	4	12	0	0	0	1	0	2	2	16	4	2	1	0	0	6	21	1	3	2	4	1	3	8	5	
Cardington (Bedfordshire)																																					
29	3	1019.6	-	2.8	0.3	7.2	95	4.5	8	3	3	2	12	0	0	0	1	0	5	5	12	5	0	0	0	0	8	20	0	2	1	2	1	3	12	7	
	9	1020.5	+5.0	3.3	0.5	7.2	93	5.4	1	5	4	12	6	0	0	0	0	1	4	4	13	5	1	0	0	0	5	23	0	1	3	2	1	4	10	7	
	15	1019.8	-	7.3	1.7	7.8	77	6.1	1	1	7	9	10	0	0	0	0	0	0	1	14	10	2	0	0	0	9	18	1	2	3	2	3	3	4	8	
	21	1020.6	-	4.3	0.6	7.5	90	4.9	8	3	0	3	14	0	0	0	0	0	1	6	16	4	1	0	0	1	7	20	0	3	2	2	3	3	8	6	
Stansted (Essex)																																					
102	3	1019.5	-	3.3	0.5	7.2	91	5.0	8	2	1	2	14	1	0	1	0	0	1	5	13	5	3	0	0	0	5	21	2	1	2	2	3	2	12	2	
	9	1020.4	+4.6	3.4	0.6	7.0	89	5.5	0	4	8	7	6	3	0	1	2	2	2	7	7	3	1	0	0	0	4	22	2	1	2	3	2	2	12	2	
	15	1019.8	-	6.8	1.8	7.4	74	6.3	0	3	3	13	9	0	0	0	0	1	0	3	9	5	9	1	0	0	8	19	1	1	3	2	2	3	7	2	
	21	1020.5	-	4.1	0.8	7.2	87	5.8	1	5	2	10	10	0	0	0	0	1	0	5	8	9	4	1	0	0	4	22	2	4	2	2	3	1	6	4	
Shoeburyness (Essex)																																					
5	9	1020.7	+4.8	4.6	0.8	7.4	86	5.7	1	6	1	9	11	0	0	1	0	0	7	4	9	4	3	0	0	0	8	18	2	3	1	1	2	2	3	9	
	15	1020.1	-	7.6	1.8	7.9	76	6.1	1	3	3	11	10	0	0	0	0	1	1	3	11	5	2	0	0	0	10	18	0	1	3	1	1	2	4	3	
	21	1020.8	-	5.1	0.8	7.8	88	5.3	5	3	2	7	10	1	0	1	0	0	1	6	10	4	5	1	0	1	4	23	0	2	4	0	3	2	4	9	
Walton-on-Naze (Essex)																																					
8	3	1019.5	-	4.3	0.7	7.4	88	5.1	6	3	3	1	14	1	0	1	0	0	2	3	13	9	0	0	0	4	3	20	1	1	2	2	2	1	4	11	
	9	1020.4	-	4.5	0.9	7.3	86	5.6	2	4	4	6	11	1	0	1	0	0	1	6	13	7	0	0	0	0	9	19	0	2	2	1	2	1	4	7	
	15	1020.1	-	7.0	1.6	7.7	77	6.1	1	2	4	11	9	1	0	0	0	1	1	2	15	9	0	0	0	1	13	14	0	3	2	3	1	3	4		
	21	1020.6	-	5.1	1.0	7.5	85	5.4	3	4	4	5	12	0	0	0	0	0	1	4	11	12	0	0	0	1	5	20	2	3	4	0	0	3	3	9	
4 MIDLAND COUNTIES																																					
Huddersfield Oakes (Yorkshire W.R.)																																					
235	3	1017.8	-	2.5	0.6	6.6	90	6.3	3	0	4	7	14	0	0	0	1	1	2	6	6	10	2	0	0	1	9	14	4	1	0	0	2	1	3	12	
	9	1018.7	+4.0	3.2	0.5	7.1	90	6.3	1	2	3	9	12	1	0	1	1	0	1	3	11	8	3	0	0	2	3	16	7	0	1	1	1	2	4	8	
	15	1018.9	-	5.2	1.1	7.4	82	6.6	0	1	5	7	15	0	0	0	1	4	0	3	10	6	4	0	0	2	6	16	4	1	0	1	1	2	4	8	
	21	1018.8	-	3.4	0.6	7.0	89	5.2	3	5	4	2	14	0	0	0	0	1	1	4	6	10	6	0	0	1	8	12	7	0	0	0	1	6	11		
Watnall (Nottinghamshire)																																					
119	3	1018.9	-	3.0	0.6	6.9	90	5.1	6	3	2	4	12	1	0	1	0	0	4	2	13	7	1	0	0	0	6	19	3	0	2	1	2	2	7	10	
	9	1019.7	+4.7	3.4	0.6	7.1	90	6.2	1	3	2	12	10	0	0	1	3	10	3	7	3	0	0	0	0	0	4	21	3	1	0	1	2	5	7		
	15	1019.3	-	6.5	1.5	7.6	78	5.8	1	3	7	7	10	0	0	0	0	0	4	4	11	8	1	0	0	0	8	20	0	2	3	2	1	4	7		
	21	1019.7	-	4.1	0.8	7.2	88	5.0	8	1	1	8	10	0	0	0	0	0	6	8	10	4	0	0	0	1	4	23	0	0	2	3	0	5	9		
Finningley (Nottinghamshire)																																					
14	3	1018.2	-	3.5	0.6	7.1	89	5.1	7	3	1	2	14	1	1	0	0	1	1	6	10	4	2	3	0	1	4	20	3	1	0	0	1	6	5		
	9	1018.9	+4.6	4.1	0.8	7.3	88	6.0	1	2	4	13	8	0	1	0	0	1	4	10	6	3	2	1	0	1	2	23	2	1	0	1	1	6	7		
	15	1018.7	-	7.3	1.6	8.0	77	6.6	0	3	1	12	12	0	0	0	1	2	2	8	2	1	0	0	0	9	16	3	2	0	1	2	5	4			
	21	1019.1	-	4.4	0.7	7.5	88	5.5	3	4	3	8	9	1	1	1	0	1	2	5	13	3	1	1	0	0	5	18	5	1	0	1	2	5	4		
Wittering (Northamptonshire)																																					
67	3	1019.1	-	3.1	0.5	6.9	90	4.9	6	3	3	6	8	2	0	0	3	0	3	5	11	2	3	1	0	1	5	21	1	0	1	0	2	5	3		
	9	1020.0	+4.8	3.4	0.7	7.0	88	6.0	1	3	4	9	10	1	0	2	1	2	2	5	9	3	3	1	0	1	7	21	0	2	1	1	2	7	12		
	15	1019.5	-	6.9	1.8	7.5	75	6.0	0	3	6	10	9	0	0	0	0	0	1	2	10	10	3	2	0	0	11	17	0	3	2	3	3	4	7		
	21	1020.0	-	4.3	0.9	7.1	85	5.1	4	4	5	5	10	0	0	0	0	2	3	15	5	3	0	0	1	8	19	0	3	1	3	2	4	2	9		
Edgbaston (Warwickshire)																																					
165	9	1020.4	+5.0	3.7	0.8	7.0	87	6.7	0	1	4	11	12	0	0	1	0	0	5	7	12	2	0	1	0	0	7	20	1	1	1	1	3	6	5		
	15	1020.0	-	6.4	1.8	7.1	74	6.6	0	1	5	10	12	0	0	0	0	2	1	4	12	9	0	0	0	0	9	19	0	2	2	1	3	4	7		
	21	1020.6	-	4.6	1.1	7.0	83	5.5	3	5	6	11	0	0	0	0	0	4	5	10	5	3	1	0	1	5	21	1	3	0	2	2	6	3	7		
Elmdon (Warwickshire)																																					
100	3	1019.3	-	2.8	0.7	6.7	88	5.5	4	2	4	9	8	1	0	1	0	0	1	6	9	7	4	0	0	0	7	17	4	1	1	1	4	3	8		
	9	1020.0	+4.5	3.6	0.9	6.9	86	6.3	0	4	1	16	6	1	0	1	0	0	2	12	8	4	1	0	0	0	6	20	2	2	1	0	6	5	4		
	15	1019.5	-	6.7	1.9	7.2	73	6.4	0	1	5	14	7	1	0	0	1	0	1	4	12	10	1	0	0	2											

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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 1931-50 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	speed (kt)												
																									8 or more	6-7	4-5									1-3	calm
number of observations																																					
5 ENGLAND SE																																					
Heathrow [Greater London]																																					
26	3	1020.1		3.8	0.6	7.2	89	4.8	7	4	1	3	12	1	0	0	1	0	1	5	14	6	1	0	0	2	23	1	2	0	4	2	4	5	9	1	
	9	1020.9	+5.0	4.1	0.9	7.0	85	5.7	0	7	1	13	6	1	0	1	0	1	0	10	8	6	2	0	0	5	22	1	2	2	3	2	4	4	8	2	
	15	1020.2	-	7.9	2.2	7.5	70	6.3	0	2	5	12	9	0	0	0	0	0	1	2	11	8	6	0	0	10	18	0	3	0	2	2	4	6	4	7	
	21	1021.0	-	5.3	1.2	7.3	81	5.0	6	2	3	8	9	0	0	0	0	0	1	3	12	8	4	0	0	6	20	2	5	1	2	2	3	6	6	1	
Kew [Greater London] 14																																					
10	3	1020.8	+4.8	4.5	1.2	7.0	83	5.9	0	5	3	10	8	2	0	1	1	0	3	5	11	3	4	0	0	5	20	3	2	0	3	2	1	13	2	2	
	9	1020.8	-	7.9	2.7	7.2	67	6.5	0	2	5	10	11	0	0	0	0	1	1	11	5	9	1	0	0	7	19	2	0	3	1	1	2	9	3	7	
	15	1020.1	-	5.2	1.4	7.1	79	5.2	7	1	3	4	13	0	0	1	0	0	0	3	12	6	5	1	0	4	23	1	3	2	3	1	4	6	4	4	
Gatwick [Surrey] 59																																					
3	1020.5	-	-	2.9	0.6	6.9	91	5.0	7	2	2	4	11	2	0	2	0	1	1	6	11	6	1	0	0	2	4	17	5	1	1	6	1	2	5	4	3
9	1021.3	-	-	3.1	0.7	6.8	88	5.5	0	5	6	9	6	2	0	1	2	1	3	2	11	6	2	0	0	4	18	6	1	1	6	0	1	9	3	1	
15	1020.5	-	-	7.4	2.0	7.4	71	6.1	0	2	7	9	10	0	0	0	0	0	3	10	9	5	1	0	1	6	21	0	4	3	3	1	3	5	1	8	
21	1021.4	-	-	4.1	0.8	7.2	87	5.5	3	5	0	9	11	0	0	0	0	0	2	5	11	9	1	0	0	1	4	18	5	0	3	4	0	1	7	2	6
Dungeness [Kent] 7																																					
3	1019.9	-	-	4.9	0.7	7.8	89	4.4	11	2	0	1	14	0	0	0	0	0	4	10	2	9	3	0	3	9	10	6	3	2	2	2	1	3	5	4	
9	1020.7	-	-	4.7	0.7	7.6	89	5.7	2	6	2	3	15	0	0	0	0	1	1	2	11	3	10	0	0	2	10	14	2	0	2	2	2	2	8	8	
15	1020.3	-	-	7.4	1.3	8.4	81	6.3	0	3	6	5	14	0	0	0	0	0	2	12	4	10	0	0	3	10	15	0	4	3	3	1	3	5	6	3	
21	1020.9	-	-	5.7	0.8	8.1	87	5.1	8	2	0	2	16	0	0	0	0	0	3	9	7	8	1	0	2	6	17	3	3	2	3	2	0	5	8	2	
Deal [Kent] 10																																					
3	1020.0	-	-	5.0	0.9	7.6	85	5.3	7	0	4	3	14	0	0	0	0	0	4	10	8	5	1	1	2	5	19	1	0	3	2	1	3	2	10	6	
9	1020.8	-	-	5.0	0.9	7.5	86	6.0	3	3	2	6	12	2	0	1	0	1	0	9	10	6	1	0	1	8	17	2	1	1	2	1	4	3	10	4	
15	1020.3	-	-	7.3	1.6	7.9	77	6.3	0	3	3	13	9	0	0	0	0	0	5	12	8	3	0	0	1	9	17	1	3	2	3	2	3	4	1	9	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manston [Kent] 45																																					
3	1019.9	-	-	4.1	0.6	7.4	89	5.2	6	0	5	6	11	0	0	0	0	0	2	2	10	9	4	1	0	3	5	20	0	1	4	0	1	4	3	9	6
9	1020.8	-	-	4.6	0.9	7.4	87	5.7	2	5	2	7	12	0	0	1	0	1	3	5	8	3	5	2	0	1	7	19	1	3	2	1	2	6	8	3	
15	1020.5	-	-	6.9	1.7	7.6	76	6.0	0	2	7	12	7	0	0	0	0	0	1	3	8	8	6	2	0	1	9	17	1	1	4	0	1	5	3	5	
21	1020.9	-	-	4.9	0.9	7.5	86	6.1	1	4	1	11	11	0	0	0	0	0	1	2	7	8	7	3	0	1	9	18	0	1	6	1	3	2	3	6	6
Thorney Island [Sussex] 4																																					
3	1020.7	-	-	4.1	0.6	7.5	90	5.0	8	0	4	3	12	1	0	1	0	0	1	5	11	6	4	0	0	1	7	20	0	4	1	4	2	1	3	8	5
9	1021.6	+5.3	-	4.1	0.7	7.3	89	5.5	0	7	2	10	8	1	0	1	0	1	3	5	7	6	5	0	0	0	8	18	2	2	5	2	0	4	7	4	
15	1020.9	-	-	7.7	1.7	8.0	76	5.9	1	3	3	13	8	0	0	0	0	0	2	9	9	7	1	0	1	8	19	0	1	4	3	2	1	6	6	5	
21	1021.7	-	-	4.9	0.8	7.7	87	5.1	5	2	4	7	10	0	0	0	0	1	4	5	8	7	3	0	0	2	3	19	4	3	3	1	2	2	4	6	
Eastbourne Coastguard [Sussex] 7																																					
3	1020.7	+4.7		4.6	0.9	7.4	86	5.4	0	5	8	7	8	0	0	1	0	1	0	3	12	11	0	0	1	7	15	5	7	0	3	0	1	2	6	4	
9	1020.8	-	-	5.7	1.1	7.8	84	5.2	6	2	3	5	12	0	0	0	0	0	0	1	15	12	0	0	1	1	6	14	6	3	2	3	2	0	2	7	3
15	1020.8	-	-	5.7	1.1	7.8	84	5.2	6	2	3	5	12	0	0	0	0	0	0	1	15	12	0	0	1	1	6	14	6	3	2	3	2	0	2	7	3
21	1020.8	-	-	5.7	1.1	7.8	84	5.2	6	2	3	5	12	0	0	0	0	0	0	1	15	12	0	0	1	1	6	14	6	3	2	3	2	0	2	7	3
Abingdon [Berkshire] 71																																					
3	1019.9	-	-	2.3	0.5	6.7	92	5.2	6	4	0	3	14	1	0	1	0	2	1	5	11	5	3	0	0	0	3	24	1	5	1	3	3	0	7	2	6
9	1020.7	+4.8	-	3.1	0.8	6.7	87	5.8	1	4	4	9	8	2	0	2	3	1	4	9	5	3	0	0	0	4	22	2	0	2	4	2	3	5	6	4	
15	1020.0	-	-	7.0	2.0	7.2	71	6.4	0	2	5	10	11	0	0	0	0	0	1	2	9	9	7	0	0	0	7	21	0	1	1	4	1	5	6	6	
21	1020.9	-	-	4.0	0.9	7.1	87	5.1	5	3	3	8	9	0	0	0	0	1	0	4	11	9	3	0	0	0	3	25	0	4	2	1	3	3	4	6	5
Hurn [Hampshire] 14																																					
3	1020.5	-	-	2.7	0.5	7.0	92	5.0	7	2	2	6	10	1	0	1	0	1	4	5	6	7	4	0	0	0	6	13	9	2	2	5	0	0	3	6	1
9	1021.3	+5.0	-	3.3	0.7	6.9	88	5.4	0	6	6	8	7	1	0	0	3	0	4	10	2	5	0	0	0	8	12	8	2	2	4	0	2	3	4	2	
15	1020.6	-	-	8.1	2.1	7.7	70	6.1	0	2	6	12	8	0	0	0	0	0	2	8	6	11	1	0	3	6	18	1	2	3	5	1	2	1	6	7	
21	1021.5	-	-	4.2	0.7	7.4	88	4.2	8	5	1	5	9	0	0	0	0	0	2	8	6	6	6	0	0	1	5	16	6	1	2	3	1	2	3	5	5
South Farnborough [Hampshire] 70																																					
3	1020.4	-	-	2.9	0.5	7.0	92	4.5	5	5	4	2	10	2	0	1	1	0	0	1	14	6	4	1	0	0	4	18	6	0	1	3	3	2	5	6	2
9	1021.3	+5.2	-	3.6	0.7	7.1	89	5.4	1	4	5	10	6	2	0	2	0	0	1	2	11	5	4	3	0	0	4	20	4	1	0	5	2	2	6	5	3
15	1020.5	-	-	7.6	1.9	7.7	73	6.3	0	2	6	12	8	0	0	0	0	0	1	0	10	6	6	5	0	0	8	19	1	3	2	1	2	4	3	8	4
Lyneham [Wiltshire] 149																																					
3	1020.3	-	-	3.1	0.5	7.1	92	5.5	3	5	1	8	10	1	0	3	0	4	0	5	7	5	4	0	0	1	5	21	1	2	2	2	2	3	7	8	1
9	1021.1	+5.1	-	3.1	0.6	6.9	90	6.5	0	2	5	10	7	4	0	4	0	1	1	3	11	5	3	0	0	0	6	22	0	3	1	1	3	4	10	5	1
15	1020.4	-	-	6.5	1.6	7.5	77	6.4	0	2	6	11	9	0	0	0	0	0	1	1	10	9	5	2	0	0	9	19	0	1	1	3	2	3	4	8	6
21	1021.2	-	-	3.9	0.8	7.1	88	5.2	3	4	6	3	12	0	0	0	0	1	6	11	7	3	0	0	0	4	21	3	2	3	0	2	3	7	4	4	
Boscombe Down [Wiltshire] 128																																					
3	1020.4	-	-	2.7	0.2	7.2	96	5.5	5	3	1	3	14	2	0	1	1	1	0	10	7	8	0	0	0	0	8	13	7	2	1	4	2	2	2	7	1
9	1																																				

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	400-590 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																																						
8a SOUTH WALES																																						
Aberporth [Cardiganshire]																																						
134	3	1019.8	-	4.5	0.7	7.5	88	5.1	5	3	4	6	10	0	0	0	0	1	1	3	8	11	3	1	0	2	12	14	0	2	1	1	2	2	12	1	7	1
	9	1019.7	+4.6	5.0	0.7	7.8	89	6.4	0	2	3	14	9	0	0	0	0	0	2	3	9	6	5	1	0	5	12	10	1	1	1	2	2	13	3	3	3	
	15	1019.7	-	6.4	1.2	7.9	82	6.2	0	0	3	13	9	0	0	0	0	0	1	1	8	13	3	2	0	3	13	11	1	3	1	0	0	9	4	6	4	
	21	1019.8	-	5.0	0.8	7.7	87	5.7	2	4	2	9	10	1	0	0	1	0	1	2	9	9	4	2	0	4	12	10	2	1	0	2	2	9	5	4	3	
Milford Haven Conservancy Board [Pembrokeshire]																																						
39	3	1019.9	-	6.0	0.8	8.3	88	5.1	6	3	3	2	13	1	0	0	1	1	0	0	12	10	4	0	0	0	10	15	3	3	2	5	1	2	5	7	0	
	9	1020.3	+4.9	6.4	0.8	8.6	88	6.1	1	1	6	6	14	0	0	0	0	0	3	15	9	1	0	0	1	11	11	5	1	1	2	4	2	9	4	5	2	
	15	1020.4	-	8.0	1.2	9.0	83	6.3	0	1	7	8	12	0	0	0	0	0	2	13	13	0	0	0	1	14	12	1	1	1	4	2	3	4	5	2		
	21	1020.4	-	6.6	0.8	8.8	89	5.1	8	0	3	3	14	0	0	0	0	0	0	2	13	11	2	0	0	2	6	16	4	3	0	2	5	3	5	1		
Brynamman [Carmarthenshire]																																						
-	9	-	-	3.7	0.4	7.5	98	6.8	0	3	2	8	13	2	0	0	2	2	7	3	8	3	3	0	0	0	4	16	8	1	4	1	4	1	4	1		
	15	-	-	6.5	1.2	7.9	82	6.6	0	1	4	13	10	0	0	0	0	4	3	8	6	7	0	0	0	5	19	4	1	0	2	0	4	2	7	5		
	21	-	-	4.2	0.5	7.7	92	5.9	1	6	1	7	13	0	0	0	0	0	5	3	11	9	0	0	2	1	19	6	2	5	1	3	1	4	4	2		
Mumbles [Glamorgan]																																						
37	3	1019.8	-	5.5	0.8	7.9	88	6.0	3	2	3	6	13	1	0	0	0	1	0	3	6	12	6	0	0	3	12	9	4	3	1	8	0	0	3	8	1	
	9	1019.8	-	5.6	0.8	8.0	87	6.4	1	2	4	9	12	0	0	1	0	0	5	14	3	5	0	0	4	10	10	4	3	1	8	0	0	3	8	1		
	15	1020.3	-	7.2	1.3	8.3	81	6.3	0	1	8	7	12	0	0	0	0	0	2	14	8	4	0	0	3	12	11	2	2	1	4	2	4	3	7	3		
	21	1020.5	-	5.9	0.8	8.2	87	5.2	5	3	3	4	13	0	0	0	1	2	1	6	12	6	0	0	3	7	12	6	3	1	6	1	0	5	4	2		
Rhoose [Glamorgan]																																						
69	3	1020.1	-	3.9	0.7	7.3	89	5.6	4	3	2	9	10	0	0	1	1	1	0	3	6	14	2	0	0	1	10	12	5	1	5	5	0	0	3	7	2	
	9	1020.7	+4.7	4.3	0.7	7.4	87	6.5	0	3	2	13	10	0	0	1	0	2	2	8	11	2	0	0	1	9	16	2	1	3	6	3	1	4	7	1		
	15	1020.3	-	6.9	1.4	7.9	79	6.1	0	3	4	11	10	0	0	0	0	1	2	7	10	8	0	0	2	8	16	2	0	3	2	5	1	3	11	1		
	21	1020.9	-	4.6	0.8	7.4	87	4.8	3	5	7	4	9	0	0	0	0	2	1	2	5	15	2	1	0	1	8	18	1	2	5	2	2	4	2	8	2	
8b ENGLAND SW																																						
Yeovilton [Somerset]																																						
23	3	1020.8	-	2.9	0.7	6.8	89	5.1	7	1	3	3	13	1	0	2	0	2	2	4	17	1	0	0	0	1	3	10	14	0	2	2	1	3	3	0		
	9	1021.4	-	3.7	0.8	7.0	86	6.0	1	4	2	11	9	1	0	3	0	1	3	5	11	5	0	0	0	4	12	12	0	1	3	3	4	2	2	1		
	15	1021.0	-	8.1	2.0	7.8	72	6.6	0	0	5	13	10	0	0	0	0	0	5	14	6	3	0	0	0	10	15	3	1	2	2	3	2	4	8	3		
	21	1021.5	-	4.3	0.8	7.3	87	4.8	6	4	3	4	11	0	0	0	0	1	6	17	4	0	0	0	1	4	15	8	2	1	2	1	5	2	6	1		
Portland Bill [Dorset]																																						
54	3	1020.3	-	5.8	0.6	8.4	91	4.9	6	4	2	3	13	0	0	0	0	1	1	16	7	3	0	0	4	12	11	1	4	3	4	1	2	1	8	4		
	9	1021.0	-	5.9	0.8	8.3	89	5.9	0	6	5	12	0	0	0	0	1	3	14	6	4	0	0	5	11	9	3	3	3	3	1	2	4	6	3			
	15	1020.6	-	7.3	1.1	8.6	83	5.4	1	4	8	6	9	0	0	0	0	1	3	9	13	2	0	1	4	8	14	1	3	2	4	0	3	9	5			
	21	1021.2	-	6.1	0.7	8.5	90	3.8	10	4	3	0	10	1	0	0	1	0	1	15	8	3	0	0	5	10	13	0	2	3	3	3	1	2	7	7		
Hartland Point [Devon]																																						
93	3	1020.0	-	5.9	0.8	8.1	86	5.0	5	4	3	7	9	0	0	0	0	1	0	8	16	3	0	1	6	11	10	0	1	4	3	3	4	2	11	0		
	9	1020.5	-	5.9	0.8	8.2	88	6.3	0	3	3	12	10	0	0	0	0	0	7	17	4	0	0	1	6	11	10	0	1	4	3	3	4	2	7	1		
	15	1020.8	-	7.1	1.2	8.5	83	6.2	0	3	5	11	9	0	0	0	0	0	7	16	5	0	1	3	8	11	5	0	2	3	2	7	3	7	1			
	21	1021.0	-	6.2	0.8	8.4	88	5.4	4	2	5	6	11	0	0	0	1	0	2	3	21	1	0	2	3	11	8	4	0	3	1	4	5	1	6	4		
Mount Batten [Devon]																																						
30	3	1020.9	-	5.3	0.6	8.1	91	5.6	4	3	1	8	11	1	0	1	0	0	3	9	14	1	0	0	1	8	17	2	0	4	9	0	2	1	9	1		
	9	1021.6	+5.2	5.3	0.6	8.2	91	6.0	1	3	4	7	13	0	0	1	0	0	3	6	10	7	1	0	0	1	8	14	5	1	0	9	2	2	1	6	2	
	15	1021.3	-	8.1	1.4	8.8	81	6.6	0	1	6	13	8	0	0	0	0	1	2	7	16	2	0	0	4	7	16	1	2	1	6	1	3	8	3	3		
	21	1021.8	-	6.0	0.7	8.5	90	5.2	3	4	4	6	11	0	0	0	0	1	4	12	11	0	0	0	3	19	3	2	1	6	2	2	4	5	3			
Chivenor [Devon]																																						
7	3	1020.4	-	4.9	0.8	7.6	87	4.9	6	2	3	10	6	1	0	0	0	1	0	3	10	9	5	0	0	9	15	4	0	3	11	2	0	3	4	1		
	9	1020.9	+4.9	5.2	0.9	7.7	86	6.6	0	2	3	15	8	0	0	1	0	0	3	1	10	10	3	0	1	11	15	1	0	1	11	5	3	2	4	1		
	15	1020.8	-	8.2	1.8	8.3	76	6.0	0	3	6	11	8	0	0	0	0	0	2	3	15	8	0	0	2	9	16	1	1	2	3	5	2	3	8	3		
	21	1021.1	-	5.8	1.0	7.9	85	5.6	1	4	5	8	10	0	0	0	0	1	1	12	12	2	0	0	1	7	15	5	2	2	7	2	3	3	4	0		
Exeter [Devon]																																						
38	3	1020.8	-	3.7	0.6	7.3	90	5.8	3	2	7	9	4	0	4	1	1	0	3	4	8	7	0	0	1	4	11	12	1	1	3	3	1	2	4	1		
	9	1021.4	+5.1	4.1	0.7	7.4	88	5.7	0	5	4	8	11	0	0	2	0	3	2	10	5	4	2	0	1	7	12	8	0	3	2	4	5	2	2			
	15	1020.9	-	8.1	1.7	8.2	76	6.5	0	2	4	13	9	0	0	0	0	0	1	9	6	9	3	0	3	9	14	2	2	2	1	4	6	1	9	1		
	21	1021.6	-	4.9	0.7	7.7	89	4.5	3	9	2	2	12	0	0	0	0	3	1	10	7	6	1	0	1	3	19	5	3	2	0	5	5	3	4	1		
Scilly [Cornwall]																																						
61	3	1020.6	-	7.5	1.0	9.0	85	6.1	3	0	5	5	14	1	0	0	1	0	1	0	9	10	7	0	0	5	6	15	2	1	3	2	2	7	2	5	4	
	9	1021.2	+5.4	7.7	1.2	8.7	82	6.0	1	3	5	7	12	0	0	0	0	1	0	9	10	6	2	4	4	9	13	2	0	1	5	2	6	2	4	6		
	15	1021.3	-	8.6	1.5	9.0	80	5.7	1	3	6	7	11	0	0	0	0	0	2	9	11	6	0	0	3	12	12	1	1	1	4	2	6	3	8	2		
	21	1021.5	-	7.5	1.1	8.8	84	5.1	4	4	3	5	12	0	0	0	0	0	0	12	12	4	0	0	3	10	12	3	2	1	5	2	6	2	6	1		
St Mawgan [Cornwall]																																						
107	3	1020.7	-	5.7	0.7	8.2	89	6.0	3	3	1	8	13	0	0	0	0	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	7	21	0	0	0	0	0	0	0	0	1	19	8	0	0	Edgbaston	0	7	18	3	0	0	0	0	0	0	0	0	3	22	3	0	0	
Lerwick (large screen)	0	6	22	0	0	0	0	0	0	0	1	0	21	6	0	0	Kew (psychrometer)	0	3	19	6	0	0	0	0	0	0	0	0	10	11	7	0	0	
Stornoway	0	2	25	1	0	0	0	0	0	0	1	5	18	9	0	0	Kew (north-wall screen)	0	2	21	5	0	0	0	0	0	0	0	5	16	7	0	0		
Craibstone	0	8	17	3	0	0	0	0	0	0	1	8	17	2	0	0	Hastings	0	4	22	2	0	0	0	0	0	0	0	0	2	19	7	0	0	
Rothsay	0	4	24	0	0	0	0	0	0	0	0	3	18	7	0	0	Southampton	0	2	15	11	0	0	0	0	0	0	0	0	7	20	1	0	0	
Abbotsinch	0	3	19	6	0	0	0	0	0	0	0	4	14	10	0	0	Stonyhurst	0	5	21	2	0	0	0	0	0	0	0	2	21	5	0	0		
Eskdalemuir (psychrometer) ..	0	11	16	1	0	0	0	0	0	0	2	7	18	1	0	0	Bidston	0	0	28	0	0	0	0	0	0	0	0	2	9	17	0	0		
Eskdalemuir (large screen) ..	0	11	16	1	0	0	0	0	0	0	2	7	19	0	0	0	Valley	0	0	18	9	0	0	0	0	0	0	0	1	18	9	0	0		
Douglas	0	3	23	2	0	0	0	0	0	0	0	3	16	9	0	0	Falmouth	0	1	18	9	0	0	0	0	0	0	0	0	0	6	10	12	0	0
Acklington	0	6	14	8	0	0	0	0	0	0	0	7	18	3	0	0	Aldergrove	0	4	20	4	0	0	0	0	0	0	0	0	6	10	12	0	0	
Gorleston	0	4	23	1	0	0	0	0	0	0	0	4	22	2	0	0	Armagh	0	3	20	5	0	0	0	0	0	0	0	6	15	7	0	0		
Cambridge Botanic Gardens	0	3	22	3	0	0	0	0	0	0	0	9	19	0	0	0																			

Table 6 Summary of autographic records of wind

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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			
						dates of occurrence		duration (hours)	no. of days	duration in hours				year from N			speed (kt)	hour ended at		year from N			speed (kt)	day and time		
										day		hour		year from N		day		hour								
0 SCOTLAND N			93	10	10	2, 4				7	17	140	352	160	13	0	15.8	230	39	2	08	230	61	2	0825	
Zetland Lerwick ...			41	15	10	2, 3, 4				5	12	151	340	160	16	0	15.7	270	39	3	23	270	54	3	2220	
Orkney Kirkwall ...			34	12	9	21				1	12	109	342	204	16	0	14.3	290	34	21	10	270	58	13	1035	
Caithness Dounreay ...			45	10	10					0	6	43	356	225	48	0	12.2	250	30	13	03	300	48	13	0845	
Wick ...			24	10	10					0	1	1	103	282	286	0	5.4	290	22	3	14	200	42	12	1900	
Sutherland Shin ...			37	12	11	2, 3, 8, 9, 10, 11, 12, 13, 14, 15, 20, 22, 23				65	22	234	253	72	48	0	19.8	190	48	11	21	190	68	11	2040	
Ross & Stornoway Coastguard			38	20	17					0	10	54	239	177	124	78	11.1	190	32	11	21	190	51	11	2305	
Cromarty Duirinish ...			16	10	10	12, 15				3	11	88	306	216	59	0	12.9	230	36	12	22	240	54	12	2055	
Inverness Benbecula ...			23	15	12	Defective record												200	35	11	22	250	62	12	2115	
Corpach ...			58	16	16					0	2	2	147	263	260	0	6.1	230	23	11	21	230	47	12	2335	
Fort Augustus NSHEB ¹⁵			19	10	10					0	6	13	263	271	120	5	9.6	210	28	13	02	230	50	12	1955	
Dalcross ...			1075	10	10	Defective record																				
Cairngorm ...																										
1 SCOTLAND E			18	13	13					0	7	42	290	287	53	0	11.1	240	33	13	04	240	57	12	2025	
Moray Kinloss ...			31	24	18					0	10	63	267	264	78	0	11.5	250	31	13	04	280	56	12	2250	
Lossiemouth ...			72	10	10					0	9	30	315	206	121	0	10.6	210	33	12	02	270	51	13	1210	
Aberdeen Dyce ...			29	13	11	3, 13				3	10	71	338	255	5	0	13.4	290	35	13	11	290	56	13	1055	
Fraserburgh ...			39	40	38	12, 13				12	18	168	314	145	33	0	16.5	250	41	13	04	250	56	13	0355	
Angus Bell Rock ...			307	17	17					0	4	9	221	247	148	47	8.7	240	27	15	04	260	41	15	0355	
Perth Rannoch ...			161	16	16					0	0	0	73	365	224	10	5.4	280	21	3	15	280	40	3	1435	
Tummel Bridge ...			25	13	13					0	6	47	243	247	125	5	10.2	230	30	13	05	230	47	12	1910	
Fife Leuchars ...			43	13	10					0	4	32	216	323	101	0	9.4	240	28	12	20	250	49	12	2120	
Midlothian Turnhouse ...																										
6a SCOTLAND W			24	16	12	11, 12, 15, 20				10	19	163	298	171	30	0	15.7	280	40	15	02	280	61	15	0130	
Argyll Tiree ...			24	13	13	13				3	11	92	318	190	69	0	12.9	250	37	13	04	270	57	13	2215	
Machrihanish ...			166	10	10					0	6	35	200	290	139	8	9.3	220	29	12	22	210	51	13	0030	
Dunbarton Cumbernauld ...			57	25	9	Defective record												260	21	12	21	260	53	12	2010	
Renfrew Paisley ...			16	10	10					0	7	28	212	320	112	0	9.2	240	28	12	20	240	52	12	1915	
Abbotsinch ...			24	20						0	8	54	300	263	55	0	11.6	250	33	13	03	250	52	13	0255	
Ayr Ardrossan ...			13	10	10	12, 13				2	11	82	229	257	102	0	11.5	270	34	12	18	300	71	12	2135	
Hunterston ...			21	10	10					0	2	18	204	283	167	0	8.5	260	28	13	05	250	50	13	0245	
Prestwick ...			259	10	10	3				2	6	30	221	227	192	0	8.9	300	37	3	2	250	51	12	2110	
Dumfries Eskdalemuir ...			25	10	10					0	5	29	262	277	104	0	10.2	250	33	13	04	250	53	13	0320	
Wigtown West Freugh ...																										
6b ISLE OF MAN			25	10	10					0	6	53	282	267	70	0	11.1	250	32	13	04	250	50	13	0400	
Ronaldsway ...			20	10	10					0	6	54	325	269	24	0	12.2	250	29	13	07	250	48	13	0115	
Point of Ayre ...																										
2 ENGLAND NE			119	16	10					0	6	40	151	333	124	24	8.8	260	27	13	10	260	53	13	0945	
Durham Durham ...			22	17	13					0	4	17	159	351	145	0	7.9	260	25	13	10	260	47	13	0910	
South Shields ...			42	10	10					0	4	36	142	340	154	0	8.2	230	27	12	17	270	45	13	1405	
Yorks N.R. Leeming ...			23	19	19	Defective record												230	27	13	08	220	48	12	2230	
Middlesbrough ...			80	10	10					0	3	12	167	408	85	0	8.5	240	27	13	11	260	42	13	0100	
Lincoln Waddington ...			77	13	13					0	6	48	174	333	117	0	9.4	250	31	13	12	250	42	13	1120	
Cranwell ...			16	10	10					0	4	28	152	354	121	17	8.4	260	32	13	11	280	47	13	1225	
Coningsby ...			118	10	10					0	7	47	219	296	110	0	9.8	190	28	15	03	230	46	13	0940	
Binbrook ...			26	10	10					0	5	17	175	376	104	0	8.7	260	27	13	13	260	37	13	1250	
Manby ...																										
3 ENGLAND E			29	10	10	Record not yet commenced				0	3	13	131	349	179	0	7.5	240	25	13	13	240	43	13	1215	
Norfolk Marham ...			93	17	14					0	2	7	140	374	151	0	7.3	250	26	13	13	260	41	13	1235	
West Raynham ...			27	10	10					0	6	36	214	392	30	0	10.2	170	23	15	05	200	48	13	0130	
Coltishall ...			16	13	13					0	2	8	178	395	91	0	8.3	240	23	13	12	280	39	13	0355	
Gorleston ...			60	13	13					0	4	18	159	423	72	0	8.5	250	27	13	13	250	39	13	1230	
Suffolk Honington ...			104	16	10					0	4	10	189	397	76	0	8.5	260	23	13	13	260	37	13	1250	
Wattisham ...			94	13	9					0	5	41	195	378	58	0	9.8	210	31	12	23	260	44	13	0425	
Bedford Bedford ...			69	41	41					0	0	0	64	341	267	0	5.2	270	18	13	11	270	35	13	1200	
Cardington ...			94	15	10					0	0	0	72	306	294	0	5.2	030	18	1	04	260	40	13	0225	
Hertford Garston ...			141	13	10					0	0	0	137	441	94	0	7.6	200	21	15	02	200	37	15	0120	
Rothamsted ...			108	10	10					0	0	0	137	441	94	0	7.6	200	21	15	02	200	37	15	0120	
Stansted ...			36	32	28	15				4	7	40	288	298	42	0	11.4	190	38	15	03	190	51	15	0240	
Essex Shoeburyness ...																										

Table 6 Summary of autographic records of wind

FEBRUARY

1971

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								year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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Table 4 Additions and corrections

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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

MARCH

VOLUME 88

1971

NUMBER 3

Changeable; wet during the third week.

Pressure was relatively high from the 1st to 10th and during the last 3 days. After the 13th a depression developed and remained to dominate the weather over the British Isles until the 20th.

Weather

The weather was changeable in all areas and mostly colder than average especially in England and Wales during the first week when snow fell over most areas as far south as the Channel Isles. Heavy prolonged rain fell over much of the country during the third week and there were Press reports of swollen rivers and minor flooding in many areas. At the end of the third week there were reports of snowdrifts some 2 metres deep on high ground on the England/Scotland Border and a drift of 3 metres was reported on Snaefell (Isle of Man).

Wind

In almost all areas there were fewer gales than average. They occurred most frequently in north Scotland and north-east England. During the first 4 days there were strong winds in the north and west of the country. North-east Scotland had strong winds on the 9th and 10th. A gust of 58 kt was recorded at Kirkwall (Orkney) on the 10th and at about the same time a gust of 56 kt was recorded at Dounreay (Caithness) during an hour (09-10 GMT) when the mean wind speed was 40 kt. Strong winds occurred over most of the country between the 18th and 21st with widespread gales in the north and west. Hunterston (Ayrshire) recorded a gust of 63 kt on the 18th, St Abbs Head (Berwickshire) had a gust of 67 kt on the 20th and a gust of 68 kt was reported at Whitby (North Riding of Yorkshire) on the 21st. Winds were strong to gale force in many areas on the 25th, and again in north-west Scotland on the 28th.

Temperature

Monthly mean temperatures were near average in the north but below average elsewhere. It was mild during the first week in Scotland and Northern Ireland. On the 5th the temperature reached 15.0°C at Rothesay (Buteshire), the highest recorded there in March since 1957 although it was equalled in 1965. In England and Wales, however, the first week was cold; at Santon Downham (Norfolk) a temperature of -11.7°C was recorded on the 5th, the lowest March temperature there since 1962. From the 8th to 12th it was mild everywhere except in extreme northern and western areas; the temperature reached 16.4°C at Wrexham (Denbighshire) on the 12th. Between the 18th and 20th, whilst the north and west were cold,

eastern and southern England were mild. The 24th was mild in all areas and the temperature rose to 15.6°C at Stonehaven (Kincardineshire).

Rainfall

Over most parts of the country the rainfall was above average. Excesses were mostly small but in the Isle of Man and in small areas of east Scotland and north-east England more than twice the average rain fell. Forglan House (Banffshire), with 102 mm of rain, had its wettest March since records began in 1901, and at West Baldwin (Isle of Man) a total of 286 mm was recorded, the highest for March since records began in 1899. In contrast, rainfall was below average over much of Northern Ireland, in central Wales and parts of north-west England. Parts of Co. Down and Perthshire had less than half the average. There were heavy falls on the 1st in many western areas and further heavy 'daily' falls of over 25 mm occurred in most areas in the second half of the month, but most places in southern and northern England and southern and eastern Scotland recorded their greatest 'daily' falls between the 17th and 20th. At West Hopes reservoir (East Lothian) 112.5 mm fell in the 24 hours beginning at 09 GMT on the 19th. At West Baldwin (Isle of Man) during the 4-day period from 09 GMT on the 17th there was a total of 209 mm. Thunderstorms occurred over the Hebrides on the 13th and in the Midlands and Yorkshire on the 20th. They occurred widely over Scotland on the 24th and by the 25th had spread to many parts of England.

Snow

The number of days when snow fell was a little above average. In Scotland there was snow on just over half the days of the month but over England most of the snow fell during the first week except on the higher parts of the north Pennines where snow fell on most days. Snow occurred widely over England, Wales and much of Scotland on the 1st and over the southern half of England on the 5th. Depths of 5-10 cm were measured on each occasion in several places. Snow was widespread in southern England on the 15th but quickly turned to rain. From the 18th to 20th there was heavy snowfall over high ground in the Isle of Man and on the England/Scotland Border.

Sunshine

Sunshine was below average everywhere except in a few areas in southern England and central Scotland but, even in these areas, excesses were not more than 10 per cent. The largest deficits were in Wales and north-west England where several places had between 60 and 70 per cent of average.

Fog

There was overnight fog in most parts of the country at some time during the month, mostly between the 4th and 17th and, in parts of central and southern England, on a few days in the last week.

Miscellaneous phenomena

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

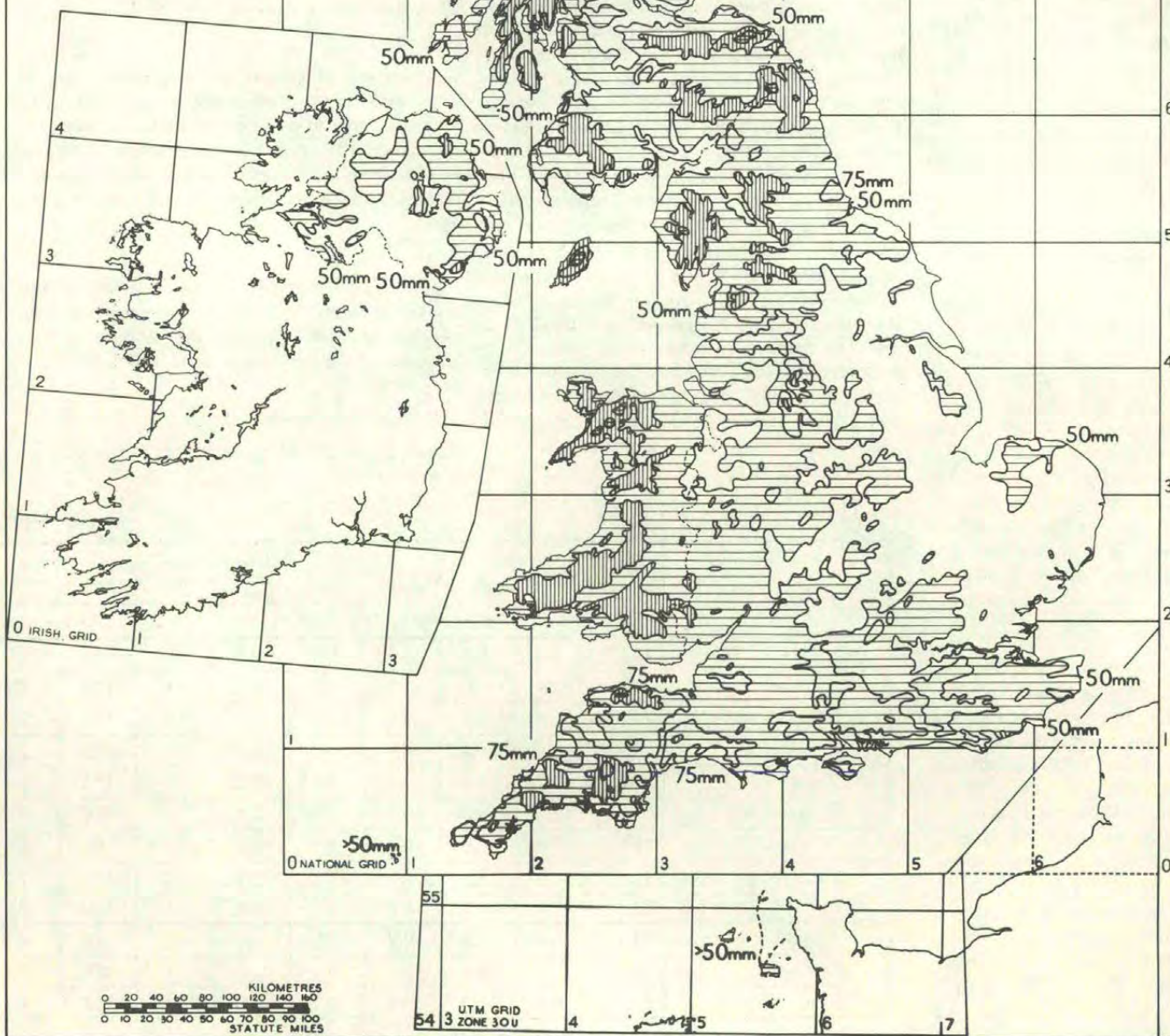
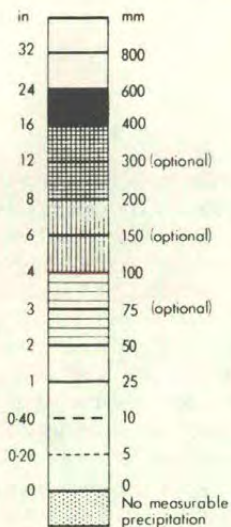
Table 1 District Values**March 1971**

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	12.2	--3.8	+0.4	--0.4	0.0	--	+3	119	90
1 Scotland E	14.2	--3.4	0.0	+0.2	+0.1	+0.5	+1	124	80
2 England N E	13.1	--5.0	--0.7	--0.2	--0.4	+0.6	+4	122	91
3 England E	13.6	--5.3	--1.3	--0.1	--0.7	+0.1	+5	113	86
4 Midlands	13.0	--6.2	--1.3	+0.1	--0.6	+0.2	+2	113	90
5 England S E	13.3	--8.5	--1.5	--0.5	--1.0	--0.4	+1	138	91
6 Scotland W	15.0	--7.5	0.0	--0.1	--0.1	+0.5	+2	89	87
7 Eng NW · Wales N	12.6	--4.9	--1.1	--0.1	--0.6	+0.1	+2	112	72
8 Eng SW · Wales S	13.8	--7.9	--1.3	--0.8	--1.0	--0.3	--1	110	85
N Ireland	14.4	--5.4	--0.3	--0.7	--0.5	—	--1	78	80
Scotland	15.0	--7.5	+0.1	+0.2	0.0	—	+2	110	86
Eng · Wales	13.8	--8.5	--1.2	--0.3	--0.7	—	+2	117	86

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

RAINFALL MARCH 1971

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



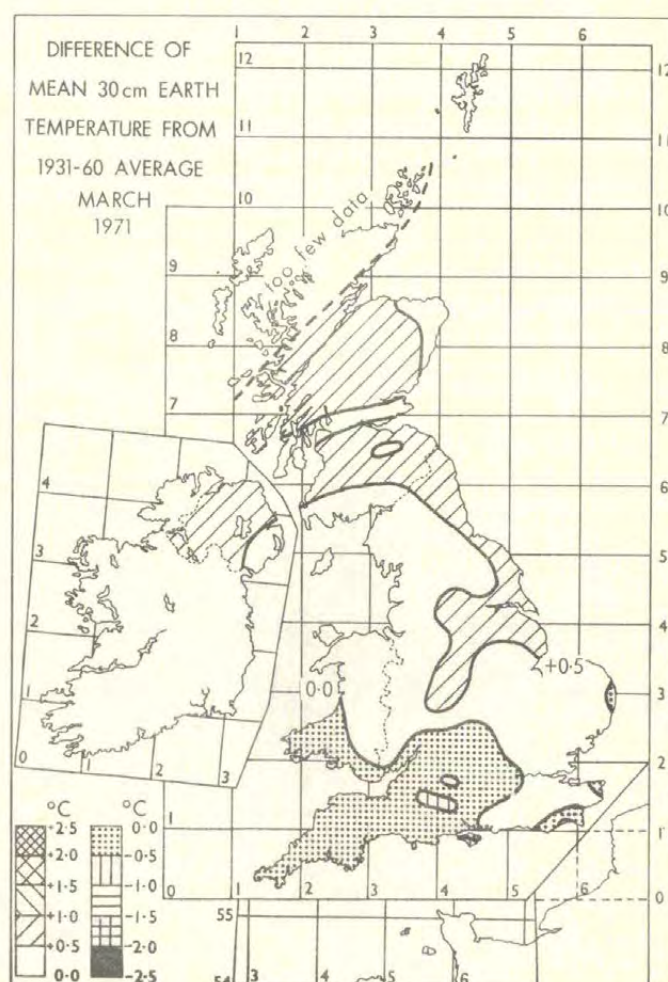
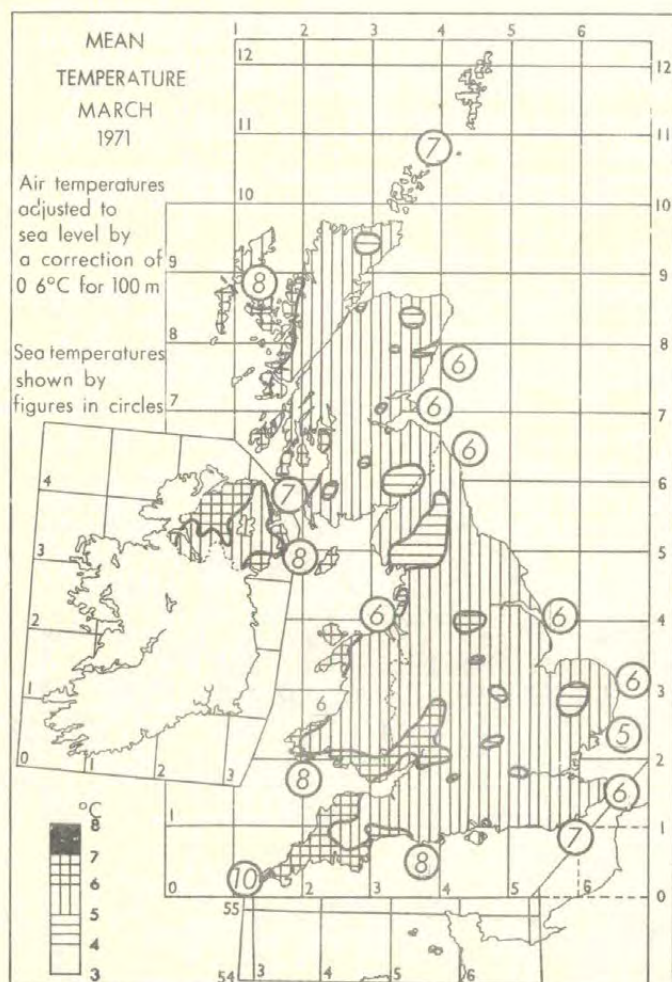
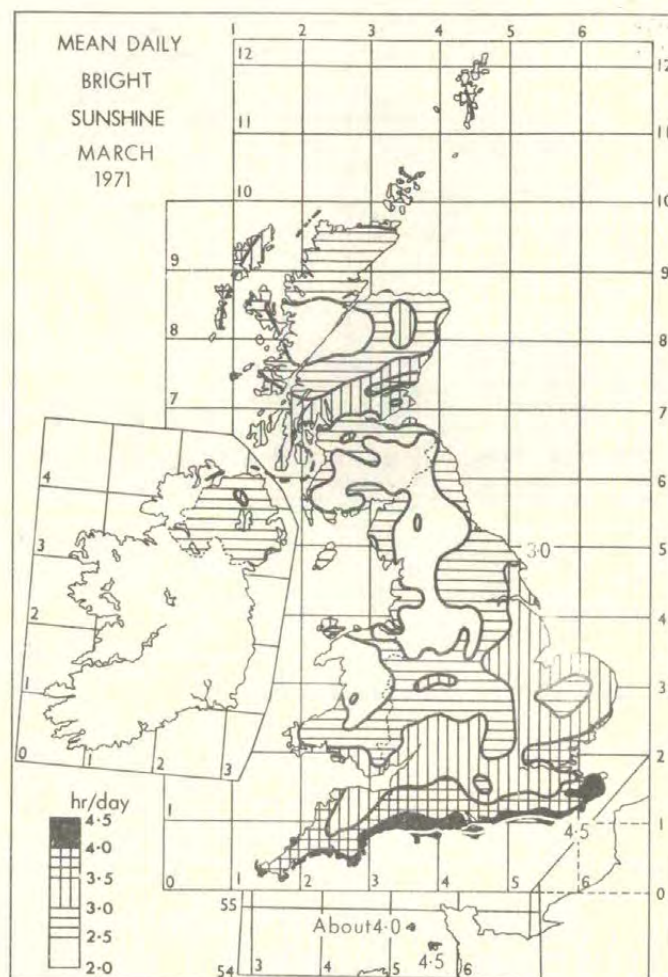
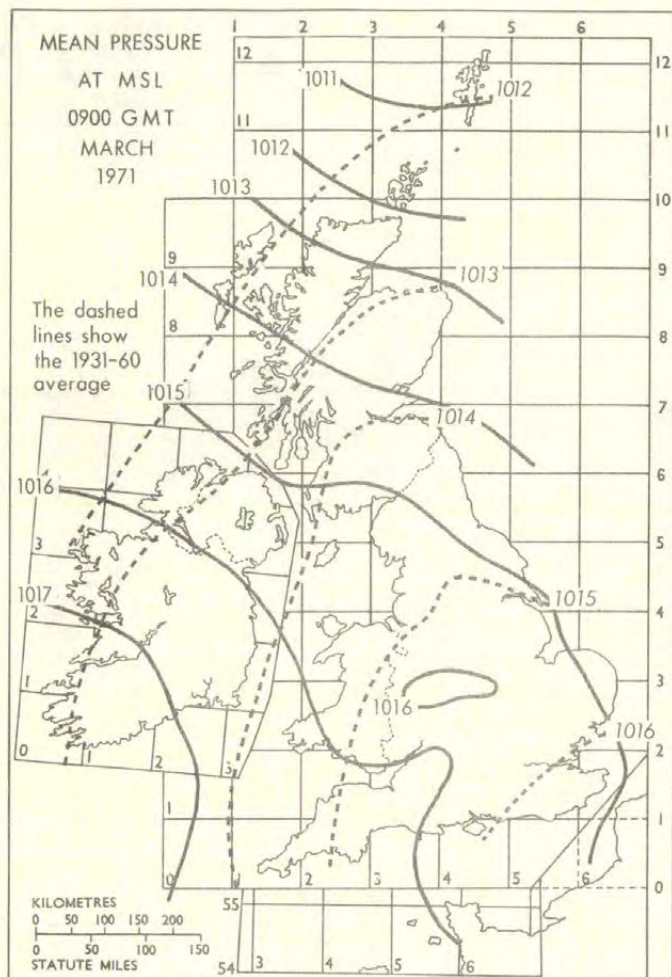


Table 3 Summary of daily observations

For meaning of symbols 1 5 & S used below see Notes in the Introduction.

MARCH

1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
1 SCOTLAND E - continued																																	
Aberdeen - continued																																	
Inverurie Sewage Works	99	54	8.2	1.1	4.7	-	14.3	24	-5.5	17	-	-	84	-	23	19	20	13	8	1	0	0	0	0	9	16	-	0	2.84	-	-	-	
Fyvie Castle	99	66	8.1	-	-	-	(13.3)	24	-	-	-	-	95	163	25	19	21	14	7	1	0	0	0	-	19	-	0	2.85	-	-	-		
Craibstone	99	91	7.6	1.5	4.5	0.0	14.2	24	-1.4	17	4.1	4.4	81	155	25	19	20	11	7	3	2	0	0	0	7	18	-	0	2.71	77	-	-	
Dyce	21-9	58	8.0	1.6	4.8	+0.3	14.4	24	-4.8	17	-	-	89	166	27	19	20	12	8	2	1	5	0	1	11	19	17	0	2.86	-	-	-	
Aberdeen	99	52	8.0	1.3	4.7	-0.1	12.8	12	-3.4	17, 18	-	-	90	177	36	19	18	13	4	2	0	0	0	0	10	20	-	0	2.81	85	-	-	
Fraserburgh	21-9	18	7.4	3.1	5.3	-	13.4	28	-0.2	11	-	-	105	-	17	15	25	15	4	1	1	0	0	0	1	10	7	4	2.81	-	-	-	
Kincardine																																	
Fettercairn	99	171	7.3	0.7	4.0	+0.3	13.0	24	-3.9	4	-	-	105	175	34	19	19	14	7	5	2	1	0	2	15	24	-	2	2.64	-	-	-	
Strachan	99	120	7.9	0.2	4.1	-	15.0	24	-7.8	17	3.9	-	70	-	21	19	14	12	4	1	1	0	0	2	13	20	-	0	2.86	-	-	-	
Banchory	99	77	8.3	1.0	4.7	-	15.4	24	-4.9	17	-	-	62	-	21	19	18	10	8	2	0	2	0	1	13	16	-	0	-	-	-	-	
Stonehaven	99	4	8.4	1.4	4.9	-0.3	15.6	24	-2.8	4, 10, 18	-	-	91	207	31	19	12	11	5	0	0	0	0	0	7	-	-	0	2.97	91	-	-	-
Angus																																	
Mylnfield	99	30	8.7	1.8	5.3	-	15.0	24	-2.7	17	4.7	5.6	37	85	16	1	12	6	2	0	0	0	0	6	16	-	0	3.48	-	-	-	-	
Dundee	99	45	8.9	2.3	5.6	+0.5	14.1	25	-1.7	17	4.9	-	34	67	14	1	9	8	4	0	1	0	0	1	5	19	-	1	3.54	-	-	-	
Glamis Castle	99	61	8.3	0.4	4.3	-	14.4	24	-4.4	17, 22	-	-	33	65	10	1	14	8	4	1	0	0	0	0	15	21	-	2	-	-	-	-	
Whitehills	99	258	7.3	0.2	3.7	-	13.3	24	-5.6	10	-	-	-	-	-	-	-	-	8	7	0	0	0	0	1	15	19	-	1	-	-	S	
Buddon Ness	99	5	8.8	0.9	4.9	+0.2	13.3	8, 24	-6.0	17	-	-	36	81	11	1	13	7	1	-	0	0	0	0	11	-	-	0	-	-	-	-	
Carnoustie	99	9	8.9	1.3	5.1	-	13.4	25	-3.0	17	5.3	-	40	86	12	1	11	9	2	0	0	0	0	0	7	-	-	0	8.39	-	-	-	
Arbroath	99	28	8.4	1.9	5.1	0.0	13.9	(24), 25	-1.7	10	-	-	39	96	11	1	13	8	3	0	0	0	0	0	5	14	-	0	3.67	99	-	-	
Usan	21-9	30	8.1	2.5	5.3	-	15.2	24	-1.5	17	-	-	37	-	9	18	11	8	3	0	1	2	0	0	5	10	9	1	3.54	-	-	-	
Montrose	99	57	8.4	1.7	5.1	-	14.4	24	-2.8	17	-	-	48	115	14	18	17	8	4	0	0	0	0	1	7	15	-	2	-	-	-	-	
Perth																																	
Aberfoyle	99	27	9.6	0.1	4.9	-	14.4	8	-6.7	10, 17, 22	-	-	47	-	13	1	20	15	2	-	0	0	0	-	12	16	-	0	-	-	-	-	
Dall	99	232																															
Callander	99	107	8.6	0.3	4.5	-	13.9	8	-5.6	17	-	-	49	-	13	1	20	12	2	2	0	0	0	3	12	15	-	0	-	-	-	-	
Ardtnaig	99	130	8.8	1.1	4.9	-	13.9	8	-3.9	17	-	-	31	38	7	1	19	11	3	1	0	2	0	0	11	14	-	0	-	-	-	-	
Drummond Castle	99	113	8.9	0.6	4.7	-	13.4	24	-5.0	17	4.9	-	29	-	11	1	13	7	2	4	0	0	0	-	12	19	-	0	-	-	-	-	
Gleneagles	99	152	8.2	0.1	4.1	-	12.4	8	-6.4	17	-	-	29	42	7	18	15	10	3	-	0	0	0	1	15	22	-	0	3.22	-	-	-	
Fowls Wester	99	140	8.5	1.0	4.7	-	12.9	8	-4.0	10	4.7	-	33	-	12	1	9	8	2	2	0	0	0	0	10	20	-	0	3.45	-	-	-	
Pitlochry	99	144	-	0.3	-	-	-	-	-6.1	17, 22	-	-	33	67	14	1	14	7	3	5	0	0	0	1	12	16	-	0	2.88	-	-	-	
Faskally	99	94	9.2	0.7	4.9	-	13.9	8, 24	-5.6	17	4.6	-	28	53	11	1	15	5	9	2	0	1	0	0	12	18	-	0	-	-	-	-	
Ashintully Castle	99	341	5.7	-0.7	3.0	-	11.1	8	-5.5	4, 10	-	-	38	-	14	1	17	8	6	7	0	0	0	2	20	22	-	0	-	-	-	-	
Strathallan	99	41	9.3	1.3	5.3	-	13.8	8	-3.9	17	-	-	27	-	8	1	8	6	2	0	1	0	0	2	10	19	-	0	-	-	-	-	
Perth	99	23	9.1	1.7	5.4	+0.3	14.2	24	-3.7	17	-	-	31	64	12	1	12	8	1	0	1	0	0	1	8	15	-	0	3.50	109	-	-	
Blairgowrie	99	70	8.5	0.7	4.6	-	14.4	24	-6.1	16	4.2	-	25	56	11	1	10	6	-	-	-	-	-	12	20	-	-	3.29	-	-	-	-	
Kinross																																	
Kinross	99	113	8.0	0.3	4.1	-	11.7	8, 24	-5.6	17	5.0	-	52	-	15	19	11	10	-	0	-	-	-	11	21	-	-	3.07	-	-	-	-	
Fife																																	
Pitreevie	99	40	8.8	2.3	5.5	-	12.1	10, 24	-2.5	10	-	-	52	-	16	1	11	7	2	0	1	0	0	1	6	16	14	0	-	-	-	-	
Kirkcaldy	99	32	8.8	1.2	5.0	-0.2	12.3	24	-4.4	4	-	-	46	100	13	1	11	7	3	0	1	0	0	0	9	14	-	0	3.37	-	-	-	
Cupar	99	25	9.2	1.0	5.1	-	13.9	8, 24	-4.4	17	4.9	-	31	66	10	1	11	8	4	0	1	0	0	0	9	16	-	2	2.91	-	-	-	
Leuchars	21-9	10	8.9	1.5	5.2	-0.1	14.3	24	-3.2	4	-	-	27	67	1.0	1	10	7	7	0	0	2	0	0	11	18	16	0	3.29	89	-	-	
St Andrews	99	18	8.7	2.2	5.5	-	13.6	24	-2.5	17	5.0	5.8	28	-	9	18	12	6	-	0	-	-	-	0	5	14	-	-	3.02	85	-	-	
West Lothian																																	
Livingston	99	125	8.2	0.7	4.5	-	11.7	8	-4.4	17	-	-	75	-	32	19	10	7	-	-	-	-	-	7	11	16	-	-	-	-	-	-	
Midlothian																																	

Table 3 Summary of daily observations

For meaning of symbols 1 2 3 4 5 used below see Notes in the Introduction.

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District, county and place	max. temp. 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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																
6a SCOTLAND W — continued																																
Argyll — continued																																
Campbeltown ...	99	12	-	3.1	-	-	-	-2.2	15	-	-	51	-	11	28	15	13	-	0	-	-	-	1	4	-	-	-	3.97	-	-		
Achaglachgach ...	99	12	9.7	1.5	5.6	-	12.8	8	-5.0	16	-	-	103	109	16	28	14	14	-	-	-	-	0	10	14	-	-	-	-	-		
Knapdale Forest ...	99	40	8.7	1.6	5.1	-	11.2	28	-3.9	10	-	-	75	-	13	1	18	15	0	0	0	0	1	12	14	-	0	-	-	-		
Glenbranter ...	99	24	8.8	1.4	5.1	-	11.7	8	-5.3	22	-	-	116	-	20	28	19	14	1	0	0	2	1	0	10	19	-	0	-	-		
Glen Etive ...	99	24	9.3	1.1	5.2	-	12.8	8	-6.1	22	-	-	194	-	37	11	17	14	1	0	0	2	0	-	10	15	-	1	-	-		
Benmore Younger																																
Botanic Gardens ...	99	12	9.1	2.1	5.6	-	13.0	5	-3.1	22	-	-	122	76	25	28	22	16	4	0	1	3	1	0	6	19	-	0	-	-		
Bute																																
Kildonan ...	21-9	18	8.6	3.8	6.2	-	11.0	9	0.0	10	-	-	101	-	46	19	18	13	2	0	0	0	0	0	8	6	4	3.45	-	-		
Brodick Castle ...	99	15	9.6	2.8	6.2	-	13.2	5	-2.3	15	6.7	-	119	115	30	19	19	17	0	0	0	2	0	0	6	13	-	0	-	-		
Rothsay ...	99	43	9.1	3.2	6.1	+0.4	15.0	5	-0.6	15,17	5.1	5.7	81	95	17	1	20	13	0	0	0	1	0	0	2	13	-	0	2.69	86	-	
Dunbarton																																
Finnart ...	99	15	8.9	2.6	5.7	-	11.9	7	-1.0	10,15,22	-	-	86	-	19	28	18	13	2	0	0	0	0	-	5	-	0	-	-	-		
Helensburgh ...	99	89	8.1	1.0	4.5	-0.6	12.0	5	-4.0	17	-	-	65	69	15	1	19	17	0	-	0	0	0	9	-	0	3.18	106	-	-		
Sloy ...	21-9	12	9.0	2.5	5.7	-	13.3	8	-4.0	22	-	-	166	-	35	11	20	15	5	-	2	0	0	0	7	-	1	-	-	-		
Cumbernauld ...	99	94	8.5	0.9	4.7	-	11.7	8,9	-3.4	17	-	-	35	-	7	1	18	12	2	0	0	0	0	3	13	23	-	0	-	-		
Stirling																																
Earls Hill ...	21-9	335	6.3	0.6	3.5	-	10.1	8	-4.7	10	-	-	32	-	6	24	17	11	8	-	2	1	0	2	15	24	20	5	3.03	-	-	
Stirling Batterflats ...	99	38	9.9	0.9	5.4	-	14.1	8	-5.1	17	5.4	-	27	-	7	1	16	8	4	1	0	3	0	2	11	18	-	0	3.12	-	-	
Parkhead ...	99	107	9.3	1.3	5.3	-	12.7	24	-3.8	17	4.7	-	59	-	22	19	15	9	1	0	0	0	1	9	-	0	-	-	-	-		
Falkirk Sewage Works	99	3	9.1	1.7	5.4	-	12.6	8	-2.7	17	-	-	28	-	5	24	14	8	2	0	0	0	0	0	8	-	0	2.94	-	-		
Grangemouth ...	99	4	9.2	2.3	5.7	-	12.8	8,27	-2.2	17	-	-	31	-	6	1	14	7	1	0	0	0	0	6	9	-	0	-	-	-		
Grangemouth Refinery	99	2	9.3	2.3	5.8	-	13.2	8	-2.1	17	-	-	32	-	7	1	12	6	-	-	-	-	-	7	-	-	-	-	-	-		
Renfrew																																
Greenock ...	99	61	8.4	3.1	5.7	-0.1	11.8	5	-0.7	4	-	-	71	69	16	1	18	11	2	1	0	0	0	1	5	6	-	0	3.38	110	-	
Paisley ...	99	32	9.3	2.5	5.9	-0.1	13.3	28	-1.6	15	5.9	-	40	56	7	1	16	12	2	0	0	1	0	3	6	12	-	0	2.52	90	-	
Barrhead ...	99	30	8.9	1.9	5.4	-	12.2	28	-3.7	22	-	-	42	57	7	1	18	13	2	0	0	1	0	1	8	15	-	0	-	-		
Abbotsinch ...	21-9	5	9.3	1.9	5.6	0.0	12.5	5	-3.2	15,22	-	-	33	51	7	1	19	10	6	0	0	0	0	2	8	16	14	0	2.67	91	-	
Lanark																																
Crossmyloof ...	99	23	9.5	2.1	5.8	-	12.9	5	-2.7	15	-	-	31	-	5	1	14	10	0	0	1	0	0	1	10	-	0	2.90	-	-		
East Kilbride ...	99	178	7.5	1.1	4.3	-	10.5	24	-2.7	15	-	-	48	-	11	19	22	14	-	1	-	-	-	11	20	-	0	3.07	-	-		
Glasgow, Springburn	99	107	8.6	1.9	5.3	+0.3	11.6	8	-2.3	4	-	-	39	62	13	1	15	10	5	0	1	0	0	2	6	19	-	0	2.75	105	-	
Coatbridge ...	99	78	8.7	1.6	5.1	-0.1	11.7	8,24	-2.2	4,10,22	-	-	49	92	18	19	15	6	1	0	1	0	0	1	8	-	0	-	-	-		
Salsburgh ...	21-9	275																														
Leadhills ...	99	387	6.1	-0.4	2.9	-0.4	9.3	8	-5.7	4	-	-	91	87	22	19	21	13	7	5	0	3	0	0	16	20	-	0	-	-		
Crawfordjohn ...	99	274	6.4	-0.3	3.1	-	9.7	24	-5.0	15	4.1	-	55	-	19	21	10	8	3	0	0	0	1	17	21	20	0	2.51	-	-		
Lanark ...	99	152	8.1	0.9	4.5	-	11.1	24,28	-3.3	4	-	-	-	-	-	-	-	-	6	0	2	6	0	2	13	-	1	2.51	-	-		
Carnwath ...	99	208	7.2	-0.5	3.3	-0.8	10.0	8	-6.1	16	4.3	-	71	138	(25)	19	22	10	6	1	4	0	1	1	15	21	-	0	-	-		
Camps Reservoir ...	99	295	6.1	-0.3	2.9	-	9.9	24	-5.7	4	-	-	81	98	27	19	22	16	11	4	1	0	0	6	15	-	4	2.73	-	-		
Ayr																																
Girvan ...	99	8	8.8	(2.9)	(5.9)	-	12.1	28	(-2.2)	15	-	-	77	-	17	19	17	13	0	0	0	1	0	0	2	12	-	2	2.77	-	-	
Hunterston ...	99	8	8.9	3.2	6.1	-	12.0	7	-0.8	15	-	-	67	-	19	1	16	12	0	0	0	1	0	0	2	-	1	-	-	-		
Barr ...	99	122	8.7	0.4	4.5	-	10.6	8,10,28	-6.1	15	-	-	112	-	23	19	19	16	-	0	-	-	-	6	12	-	-	-	-	-		
Auchincruive ...	99	45	8.2	2.2	5.2	-0.6	11.6	28	-2.3	15,22	5.6	6.2	40	65	8	1	18	13	0	0	1	1	0	0	8	15	-	0	2.61	77	-	
Prestwick ...	21-9	16	8.6	1.9	5.3	-	12.0	28	-4.6	22	-	-	43	75	11	1	18	15	3	0	0	2	1	0	10	13	13	0	2.64	-	-	
Kilmarnock ...	99	34	8.9	2.1	5.5	-0.2	11.7	28	-2.8	22	5.8	6.4	64	97	12	19	18	15	0	0	0	0	0	0	6	17	-	0	2.48	75	-	
Dumfries																																
Dumfries ...	99	49	8.2	1.6	4.9	-0.4	11.2	24	-4.0	4	5.2	5.9	53	76	13	18	16	11	1	-	0	1	0	1	10	18	-	0	2.77	86	-	
Eskdalemuir ⁴ ...	21-9	242	6.5	0.0	3.3	-	10.7	9	-8.2	4	4.8	-	112	111	23	19	21	15	11	5	2	1	0	0	15	19	18	0	2.34	77	-	
			6.6	0.0	3.3	-0.5	10.0	24	-7.5	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kirkcudbright																																
Bargrennan ...	99	110	8.4	0.7	4.5	-	11.8	29	-4.3	16	-	-	137	144	34	18	21	15	3	0	0	0	0	0	11	22	-	0	-	-		
Palnure ...	99	15	8.4	1.6	5.0	-	12.7	24	-3.3	15	-	-	92	108	22	18	15	1	0	0	0	0	4	8	17	-	2	-	-	-		
Clatteringshaws ...	99	178	7.7	-	-	-	11.1	24	-	-	-	-	83	63	19	1	18	15	5	0	3	0	0	0	-	-	0	2.43	-	-		
Glenlee ...	99	55	8.9	0.7	4.8	-0.3	12.8	24	-6.1	16	-	-	68	69	16	1	18	12	-	0	-	-	-	0	13	20	-	0	-	-		
Dundeugh ...	99	119	8.1	0.2	4.1	-	12.6	24	-7.3	16	4.9	-	78	81	18	1	18	12	4	1	2	0	0	1	13	-	0	-	-	-		
St Marys Isle ...	99	12	9.3	2.5	5.9	-	12.7	10	-1.8	15	-	-	109	-	31	18	12	11	-	0	-	-	-	0	6	11	-	-	-	-		
Girdstingwood ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Glenlocharr Barrage ...	99	47	8.5	1.4	4.9	-	11.3	9,24	-3.7	4	-	-	62	79	13	18	17	11	3	0	0	0	0	0	9	-	3	-	-	-		
Threave ...	99	73	8.2	1.3	4.7	-	11.7	10	-3.3	4,16	5.3	-	64	78	14	1	17	11	2	0	0	2	0	0	10	16	-	0	-	-		
Castle Douglas ...	99	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wigtown																																
West Freugh ...	99	15	8.6	1.6	5.1	-	12.7	24	-4.2	15	-	-	52	84	26	1	16	11	-	-	-	-	-	8	-	-	-	2.69	-	-		
Penwhirrh ...	99	166	7.4	1.0	4.2	-	11.7	24	-3.9	16	-	-	89	98	28	1	19	16	1	0	1	0	0	1	9	18	-	0	2.43	-	-	
Mull of Galloway ...	21-9	78	7.9	3.5	5.7	-	11.0	7	1.0	10,15,22	-	-	-	-	-	-	-	-	1	0	0	0	0	2	0	-	-	3	-	-		
Newton Stewart ...	99	26	8.7	1.9	5.3	-	12.5	24																								

Table 3 Summary of daily observations

For meaning of symbols \pm \pm \pm used below see Notes in the Introduction.

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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 1931-60 average	most in a day	precip'n	snow or sleet	snow lying at 9h	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 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date																					
2 ENGLAND NE — continued																															
Yorkshire N Riding																															
Leeming ...	21-9	32	8.5	2.5	5.5	-	13.4	24	-3.8	4	-	-	59	151	16	19	17	11	6	3	1	0	0	1	6	17	14	0	2.71	-	-
Marton ...	99	46	8.4	2.0	5.2	-	13.3	24	-2.8	5	5.2	5.7	46	-	7	1	20	14	5	2	0	2	0	-	7	15	-	0	2.73	-	-
York (Heslington) ...	99	20	8.5	2.1	5.3	-	12.6	24	-2.5	4	5.2	5.6	35	-	8	17	14	5	2	2	0	1	0	0	6	14	-	0	2.67	-	-
Redcar ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pickering ...	99	44	8.3	1.0	4.7	-	12.2	24	-5.2	5	-	-	45	-	10	17	19	9	6	3	0	2	0	0	11	17	-	0	-	-	-
Scarborough ...	99	36	8.6	3.1	5.9	-0.2	12.8	24	-1.1	5	(6.0)	-	28	74	7	17	16	9	6	2	1	0	0	1	3	14	-	0	2.81	82	-
Silpho Moor ...	99	203	6.7	0.8	3.7	-	11.6	24	-4.9	5	3.9	-	58	-	16	17	21	12	3	1	0	0	0	1	10	20	-	0	2.82	-	-
Whitby Coastguard ...	21-9	63	7.3	2.5	4.9	-	13.0	24	-3.2	5	-	-	25	-	6	17	10	9	5	1	0	0	0	0	7	12	9	2	-	-	-
Yorkshire E Riding																															
High Mowthorpe ...	99	175	6.8	0.8	3.8	-	11.2	28	-3.4	5	3.9	-	42	88	11	17	17	9	-	5	-	-	-	0	12	18	-	-	2.63	-	-
Hull ...	99	2	8.9	2.6	5.7	-0.3	12.8	12,13	-1.1	5,7,16	5.8	6.6	41	107	11	17	16	11	6	0	0	0	0	0	5	16	-	0	3.07	100	-
Filey ...	99	37	7.8	2.1	4.9	-	12.3	24	-2.3	5	-	-	37	91	12	18	17	11	3	2	0	1	0	1	8	15	-	0	2.69	-	-
Bridlington ...	99	48	7.7	1.9	4.8	-0.3	12.8	24	-2.0	5	-	-	41	97	10	17	16	10	4	1	1	1	0	0	6	11	-	1	3.37	88	-
Kilnsea ...	21-9	12	7.5	3.1	5.3	-	11.5	13,24	-1.2	5	-	-	35	-	9	17	17	10	8	0	2	0	0	0	4	-	-	2	3.60	-	-
Lincoln																															
Waddington ...	99	68	7.9	2.0	4.9	-0.7	12.2	24	-2.7	4	-	-	42	-	12	17	16	10	7	3	0	0	1	0	10	13	12	0	3.37	98	-
Lincoln ...	99	7	8.5	1.5	5.0	-0.9	12.2	24,28	-5.0	5	5.1	5.2	45	123	14	17	16	8	5	3	0	0	0	9	13	-	0	3.25	-	-	
Cranwell ...	99	62	8.0	1.3	4.7	-0.8	12.2	24	-3.5	5	4.6	5.1	37	101	9	17	16	8	6	3	0	1	1	0	11	18	14	0	3.04	86	-
Brigg ...	99	3	8.7	1.8	5.3	-	12.9	24	-2.3	4	-	-	45	-	9	17	20	10	6	2	0	0	0	1	9	17	-	0	-	-	-
Binbrook ...	21-9	108	7.2	2.1	4.7	-	11.5	24	-2.5	4	-	-	53	-	13	17	17	11	12	3	0	7	0	10	17	13	0	-	-	-	-
Cleethorpes ...	99	7	8.7	2.3	5.5	-0.2	-	-	-1.6	17	-	-	41	109	9	18	15	11	-	0	-	-	-	0	5	-	-	-	2.30	63	-
Manby ...	21-9	17	8.1	2.1	5.1	-	12.6	24	-2.0	16	5.5	-	44	129	10	17	23	14	8	2	0	2	0	1	9	16	9	0	3.32	-	-
Skegness ...	99	5	8.1	2.5	5.3	-0.2	12.8	24	-1.1	4,5,7	-	-	37	111	8	17	14	10	3	0	0	0	0	0	5	11	-	0	3.20	85	-
3 ENGLAND E																															
Norfolk																															
Terrington St.																															
Clement ...	99	4	8.3	1.8	5.1	-0.7	13.2	24	-2.1	5	5.7	-	37	123	7	17	17	10	4	2	0	0	0	8	15	-	0	3.45	89	-	
Marham ...	21-9	23	8.2	1.8	5.0	-	13.5	24	-3.6	5	-	-	46	-	9	26	18	11	6	3	1	1	0	0	10	12	10	0	-	-	-
Santon Downham ...	99	24	8.6	-0.3	4.1	-	14.2	24	-11.7	5	5.1	5.6	54	143	12	14	17	12	-	2	-	-	-	-	14	23	-	-	2.45	-	-
West Raynham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
East Dereham ...	99	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Morley St Botolph ...	99	48	7.6	1.1	4.3	-	12.7	24	-4.8	5	4.7	-	38	-	7	17	18	11	5	8	1	0	0	-	12	18	-	0	3.36	-	-
Cromer ...	99	54	(7.3)	(3.5)	(5.4)	(-0.4)	(12.8)	24	-1.7	6	-	-	48	120	9	14	14	9	6	2	0	0	0	0	2	3	-	0	2.84	71	-
Coltishall ...	21-9	17	7.9	1.9	4.9	-	13.5	24	-3.0	6	-	-	42	-	8	17	18	13	7	3	1	3	0	0	11	16	12	0	-	-	-
Burlingham ...	99	27	7.9	1.9	4.9	-	13.1	24	-2.3	5	-	-	29	80	8	17	16	9	6	3	0	0	0	0	8	15	-	0	3.16	-	-
Gorleston ...	21-9	4	7.3	2.9	5.1	-0.5	13.8	25	-2.0	7	5.7	6.3	37	107	7	17	21	11	5	2	1	0	0	0	4	16	11	0	3.25	81	-
Suffolk																															
Brooms Barn ...	99	75	8.1	1.2	4.7	-	12.9	24	-5.1	5	4.9	5.4	41	-	10	14	16	11	6	3	1	1	0	0	9	14	-	0	3.06	-	-
Honington ...	99	51	8.3	1.3	4.8	-	13.2	24	-6.6	5	-	-	36	-	7	26	13	8	7	3	0	4	0	0	10	17	16	0	-	-	-
East Bergholt ...	99	4	8.8	1.4	5.1	-	14.0	24	-3.9	7	-	-	44	118	10	17	19	10	-	2	-	-	-	0	8	19	-	-	-	-	-
Wattisham ...	21-9	89	7.7	1.2	4.5	-	13.6	24	-5.7	5	-	-	45	120	9	26	13	10	8	4	0	3	1	0	10	20	12	0	3.38	-	-
Lowestoft ...	99	25	8.0	2.4	5.2	-0.2	13.9	13	-2.8	6,7	5.7	-	33	96	8	17	19	9	6	0	1	0	0	0	7	11	-	0	3.25	79	-
Cambridge																															
Boxworth ...	99	44	8.3	1.3	4.8	-	12.9	24	-5.1	5	-	-	38	116	16	14	13	8	4	0	0	0	0	0	9	(18)	-	0	3.06	-	-
Mepal ...	99	1	8.7	1.3	5.0	-	13.2	24	-4.2	5	6.0	-	30	-	11	14	12	7	4	0	0	0	0	0	9	16	-	0	3.08	-	-
March ...	99	2	8.8	1.6	5.2	-	12.9	24	-4.1	5	-	-	35	97	8	17	15	10	-	1	-	-	-	8	-	-	-	-	-	-	-
Cambridge																															
Botanic Gardens	99	12	-	1.4	-	-	-	-	-5.0	5	5.8	6.4	32	98	18	14	13	7	3	-	0	0	0	0	9	14	-	0	-	-	-
N I A B6 ...	99	26	8.4	1.6	5.0	-1.1	12.8	24,30	-4.4	5	-	-	41	125	20	14	16	6	5	2	1	0	0	0	9	19	-	0	3.28	87	-
Huntingdon																															
Monks Wood ...	99	31	8.3	1.3	4.8	-	12.7	30	-5.5	5	5.4	6.1	35	-	8	14	16	8	-	3	-	-	-	0	13	14	-	-	3.27	-	-
Wytton ...	21-9	39	8.5	1.7	5.1	-	12.5	24,30	-5.7	7	-	-	29	86	9	14	11	7	6	3	0	3	0	0	9	15	12	0	-	-	-
Bedford																															
Woburn ...	99	89	8.0	1.1	4.5	-1.0	12.2	30	-7.4	7	5.3	6.1	48	121	14	17	14	10	6	2	0	2	0	0	11	17	-	0	2.73	71	-
Silsoe ...	99	61	8.3	1.3	4.8	-	12.4	30	-5.8	7	4.9	5.8	44	127	13	14	15	11	5	1	1	0	0	0	11	16	18	0	3.21	-	-
Cardington ...	21-9	28	8.6	1.4	5.0	-0.9	12.8	30	-6.3	5,7	5.4	5.9	46	140	13	14	16	8	6	1	0	1	0	0	12	(18)	(16)	0	3.03	-	-
Luton ...	99	159	-	-	-	-	-	-	-	-	5.5	6.4	64	-	15	17	11	10	-	1	-	-	-	1	-	-	-	-	-	-	-
Hertford																															
Aldenhall School ...	99	91	8.8	1.3	5.1	-	13.0	30	-5.4	7	5.6	-	60	-	16	17	18	12	3	2	0	0	0	1	11	-	-	0	-	-	-
Garston ...	99	78	8.5	1.6	5.1	-	12.9	30	-5.2	7	-	-	61	145	16	17	15	9	-	0	-	-	-	0	10	20	-	-	3.50	-	-
Rothamsted ...	99	128	7.6	1.2	4.4	-1.0	12.2	30	-5.3	7	5.2	5.8	67	157	18	17	19	12	5	2	0	1	0	0	11	18	-	0	3.08	81	-
St Albans ...	99	83	9.2	1.6	5.4	-0.3	12.8	34	-4.9	5	5.7	-	67	144	14	17	16	12	3	0	3	0	0	1	8	17	-	0	3.55	-	-
Letchworth ...	99	64	8.5	1.7	5.1	-	12.8	30	-5.8	5	-	-	55	167	19	14	15	11	-	-	-	-	-	-	7	13	-	-	-	-	-
Stanstead Abbotts	99	30	-	-	-	-	-	-	-	-	(6.4)	(7.0)	42	-	14	17	10	9	-	-	-	-	-	-	-	-	-	-	-	-	-
Hoddesdon ...	99	41	9.0	1.7	5.3	-	13.1	24,30	-6.6	5	6.5	-	59	-	15	14	17	13	4	0	0										

Table 3 Summary of daily observations

For meaning of symbols 1 5 3 S used below see Notes in the Introduction.

MARCH

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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 1931-60 average	most in a day		precip'n 0.2mm or more	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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																
4 MIDLAND COUNTIES — continued																																
Yorkshire W Riding — continued																																
Huddersfield	99	99	8.3	2.3	5.3	-	12.6	24	-3.3	4	4.8	(5.4)	45	85	17	24	14	9	-	2	-	-	-	0	7	13	-	-	2.54	104	-	
Huddersfield Oakes	21-9	235	7.1	1.9	4.5	-0.4	12.2	24	-3.7	4	4.5	5.3	37	58	8	17	22	9	6	3	0	2	3	4	8	18	14	0	2.50	85	-	
Bradford	99	134	7.7	2.1	4.9	-0.1	12.2	24	-2.5	4	4.7	5.1	47	87	16	17	17	11	6	3	1	1	0	1	7	15	-	0	2.79	100	S	
Ilkley	99	96																														
Sheffield	99	131	8.1	2.7	5.4	-0.3	12.6	29	-1.5	4	5.1	5.6	47	98	16	17	19	8	5	3	0	0	1	-	5	13	-	0	2.57	91	-	
Pontefract	99	78	8.1	2.4	5.3	-0.1	12.1	24	-2.2	4	-	-	39	110	9	17	20	10	4	1	0	0	1	1	7	11	-	0	-	-	-	
Bramham	99	54	8.2	2.0	5.1	-	12.3	29	-2.7	16	-	-	-	-	-	-	-	4	0	0	0	0	0	0	9	-	-	0	-	-	-	
Cawood	99	6	8.5	2.0	5.3	-	12.2	29	-3.3	16	5.1	5.4	48	130	9	17	15	8	3	2	0	0	0	0	7	15	-	0	2.59	-	-	
Askham Bryan	99	34	8.6	2.4	5.5	-	12.9	24	-1.7	4	-	-	88	100	9	17	15	7	1	1	0	0	0	2	5	14	-	0	2.46	78	-	
Derby																																
Buxton	99	307	5.8	0.8	3.3	-0.7	10.1	24	-4.7	4	3.6	4.2	79	108	25	24	18	13	4	8	0	0	0	6	14	15	-	0	-	-	-	
Mackworth	99	89	(8.2)	1.9	(5.1)	-	13.1	24	-2.8	4	-	-	48	-	13	17	12	11	-	4	-	-	-	0	10	-	-	-	-	-	-	
Belper	99	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ashover	99	186	7.4	1.7	4.5	-	11.7	24	-3.9	4	-	-	59	-	21	17	21	11	10	6	0	1	1	1	10	15	-	0	2.77	-	-	
Derby	99	48	8.7	2.6	5.7	-	13.1	24	-2.2	5	-	-	49	109	14	17	18	11	3	3	0	2	2	0	6	13	-	0	2.68	-	-	
Morley	99	107	(8.2)	1.2	(4.7)	-	(12.3)	(24)	-3.9	5	-	-	50	106	15	17	18	11	-	5	-	-	-	3	11	18	-	-	2.47	-	S	
Wingerworth	99	126	7.9	1.3	4.6	-	12.1	24	-5.1	4	5.6	-	49	-	17	17	18	10	5	6	0	1	1	1	10	21	-	0	2.50	-	-	
Nottingham																																
Sutton Bonington	99	48	8.5	(2.1)	(5.3)	(-0.3)	12.9	24	-4.2	5	5.3	5.7	39	108	13	17	16	10	7	4	2	0	0	0	8	16	-	0	2.85	87	-	
Watnall	21-9	117	7.9	2.2	5.1	-0.5	12.0	24	-3.3	5	-	-	56	127	17	17	18	10	8	3	2	6	2	0	8	16	13	0	2.40	73	-	
Mansfield	99	110	7.5	(2.4)	(4.9)	(-0.7)	11.2	24	-1.9	5	-	-	49	109	17	18	19	8	6	5	0	0	0	1	(6)	(14)	-	0	-	-	-	
Nottingham	99	59	8.7	2.7	5.7	-0.3	13.0	24	-1.7	5	5.0	5.2	42	114	9	17	13	10	-	3	-	-	-	0	6	14	-	-	2.85	96	-	
Warsop	99	46	8.3	1.8	5.1	-	12.3	24	-3.1	4	-	-	46	121	14	17	19	9	-	2	-	-	-	0	10	16	-	-	(2.41)	-	-	
Finningley	21-9	10	9.0	2.7	5.9	+0.1	13.0	24	-2.8	4	-	-	40	114	10	17	16	9	7	0	0	1	1	1	8	13	9	0	2.51	-	-	-
Leicester																																
Newtown Linford	99	119	7.9	1.5	4.7	-	12.7	24	-5.5	5	-	-	52	118	15	17	16	11	6	1	0	2	1	0	10	14	-	0	2.64	-	-	
Caldecott	99	53	8.6	-0.6	4.0	-	11.9	13, 24	-9.2	5	-	-	44	122	11	17	15	13	-	3	-	-	-	0	18	18	-	-	2.75	-	-	
Northampton																																
Bugbrooke Mills	99	69	8.1	1.3	4.7	-	13.3	30	-5.6	5	5.3	5.9	48	127	15	17	17	10	-	1	-	-	-	1	11	-	-	-	3.00	-	-	
Raunds	99	59	8.4	1.5	4.9	-0.8	12.8	24, 30	-4.4	5	5.3	5.9	46	125	11	17	18	8	7	2	1	0	0	0	11	19	-	0	2.84	81	-	
Wittering	99	65	8.2	2.0	5.1	-0.6	12.0	24	-4.0	5	-	-	47	137	10	17	19	11	6	3	0	3	0	0	11	14	12	0	3.12	-	-	-
Warwick																																
Birmingham																																
King Edward School	99	137	-	1.9	-	-	-	-	-3.3	4	-	-	72	151	18	17	15	12	5	3	0	0	0	0	7	-	-	0	-	-	-	-
Edgbaston	21-9	163	7.5	2.7	5.1	-0.8	12.0	30	-3.0	7	5.9	7.3	62	128	17	17	16	11	6	3	1	1	0	0	6	12	10	0	2.70	85	-	
Luddington	99	56	8.7	2.0	5.3	-	12.9	24	-5.4	7	-	-	45	-	13	14	13	9	4	0	0	0	0	5	7	16	-	0	3.29	-	-	
Stratford	99	49	9.1	1.4	5.3	-	13.1	24	-5.8	7	5.8	-	42	113	10	1	14	9	3	0	1	1	0	0	10	17	-	0	2.72	-	-	
Eimdon	21-9	99	8.1	2.0	5.1	-	13.1	24	-5.9	4	-	-	50	-	15	17	15	8	7	1	0	4	0	0	8	14	13	0	2.76	-	-	
Shipston-on-Stour	99	111	8.2	1.7	4.9	-	11.9	11	-5.7	7	5.0	-	44	105	9	14	15	8	4	0	1	1	0	0	7	14	-	-	3.14	-	-	
Wellesbourne	99	47	(8.7)	(1.4)	(5.1)	-	13.4	24	-5.9	5	-	-	35	89	8	1	14	11	-	-	-	-	-	-	(7)	-	-	-	-	(2.77)	-	-
Moreton Morrell	99	85	8.3	1.5	4.9	-	12.3	24	-6.6	5	-	-	36	86	9	1	15	7	6	2	0	0	0	0	8	19	-	0	2.85	-	-	-
Rugby	99	117	(8.3)	1.6	(4.9)	(-0.7)	12.2	30	-5.5	5	-	5.9	41	103	12	1	14	10	-	2	-	-	-	-	10	-	-	-	-	-	-	-
Oxford																																
Brize Norton	21-9	84	8.5	1.7	5.1	-	12.7	30	-6.5	7	-	-	37	-	11	17	13	6	8	1	0	1	1	0	11	13	-	0	-	-	-	-
Oxford	99	63	8.7	2.2	5.5	-0.9	12.3	30	-6.0	7	5.4	5.8	43	102	13	17	15	7	6	1	0	2	0	0	8	13	-	0	3.42	88	-	
Shirburn Model Farm	99	108	8.2	1.3	4.7	-	13.2	30	-8.2	7	4.7	-	65	-	19	17	17	10	5	2	0	0	0	0	2	10	19	-	0	-	-	-
Buckingham																																
Medmenham	99	30	8.2	0.7	4.9	-	13.8	30	-7.8	7	-	-	53	-	15	17	15	8	-	-	-	-	-	-	16	21	-	-	-	-	-	
Grendon Underwood	99	67	8.7	0.1	4.4	-	13.3	30	-11.6	7	5.3	5.9	45	-	13	17	12	9	2	1	0	0	0	-	15	20	-	0	3.22	-	-	-
Aylesbury	99	96	8.5	0.9	4.7	-	13.1	30	-8.1	7	-	-	43	105	14	17	11	7	4	0	1	0	0	-	(12)	(22)	-	0	2.16	-	S	-
Stafford																																
Keele	99	179	7.4	1.4	4.4	-	11.6	24	-3.2	4	4.6	5.3	57	121	12	1	19	11	2	4	2	2	0	1	10	16	-	1	2.57	-	-	-
Oaken	99	125	7.9	1.6	4.7	-	12.2	24	-4.4	4	5.0	-	71	-	15	1	16	12	-	3	-	-	-	-	8	11	-	-	-	-	-	-
Stone	99	107	8.1	1.5	4.8	-	12.1	24	-4.0	4	-	-	62	132	13	1	21	11	-	4	-	-	-	-	1	10	26	-	-	2.70	-	-
Penkridge	99	101	(7.9)	(1.8)	(4.9)	-	12.2	24	-4.4	4	-	-	63	143	13	1	17	12	-	1	-	-	-	1	(6)	12	-	-	-	-	-	-
Shropshire																																
Oswestry	99	174	7.6	2.0	4.8	-	11.1	11, 24, 29	-4.0	4	-	-	49	85	14	1, 17	10	8	4	0	0	0	1	1	5	14	-	0	2.58	-	-	-
Church Stretton	-	183	-	-	-	-	-	-	-	-	-	-	70	117	16	1	15	15	-	-	-	-	-	-	-	-	-	-	2.60	-	-	-
Shrewsbury	99	56	8.6	2.2	5.4	-0.6	12.2	29	-4.0	4	5.8	6.3	41	-	12	1	13	11	3	0	0	0	0	(2)	7	12	-	0	2.82	-	-	-
Shawbury	21-9	72	8.4	2.1	5.3	-0.4	12.4	11, 24	-4.8	4	-	-	51	120	14	1	15	12	4	0	0	0	1	0	9	15	12	0	2.74	-	-	-
Clee Hill	21-9	504																														
Bridgnorth	-	-	-	-	-	-	-	-	-	-	-	-	66	153	18	1	15	12	5	2	0	1	0	-	-	-	-	0	3.12	-	-	-
Newport	99	64	8.3	1.9	5.1	-0.3	12.4	24	-4.6	4	-	-	50	118	10	1	13	12	5	1	1	1	1	1	9	14	-	0	2.48	75	-	-
Worcester																																
Malvern	99	62	8.9	2.9	5.9	-	12.9	11	-3.7	7	5.6	6.0	62	126	17	17	14	8	3	0	1											

Table 3 Summary of daily observations

For meaning of symbols 1 5 ± S used below see Notes in the Introduction.

MARCH 1971

District, county and place	max. min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 00 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	most in a day													daily mean (hours)	percentage of 1931-60 average		
			max. (a)	min. (b)	daily mean (mean of a + b)	difference from 1931-60 average	max.	date	min.	date																					
																precip'n	0.2mm or more	1.0mm or more	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			
5 ENGLAND SE																															
Greater London																															
Kensington Palace ...	99	25	8.8	2.9	5.9	-1.2	13.0	24	-3.3	5	6.2	6.9	52	134	14	14	12	8	5	0	1	0	1	1	5	18	-	0	-	-	-
Hampstead ...	99	137	8.1	0.8	4.5	-1.3	12.6	30	-6.2	5	-	-	50	121	14	14	14	9	8	1	0	0	0	-	10	20	-	0	3.65	103	-
St James Park ...	99	4	9.2	2.8	6.0	-1.2	13.9	30	-2.5	5,7	-	-	47	124	13	14	12	8	2	-	0	0	0	-	5	-	-	0	-	-	-
Regents Park ...	99	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.44	110	
Greenwich ...	99	7	(3.5)	(3.7)	(5.9)	-	13.2	30	-2.8	5	-	-	47	126	15	14	15	5	2	1	1	0	1	1	6	11	-	0	3.01	91	-
Heathrow ...	21-9	25	8.2	2.6	5.9	-0.7	14.0	30	-4.0	5,7	-	-	42	112	13	17	11	7	7	0	0	0	0	0	7	18	9	0	3.38	-	-
Hampton ...	99	12	8.3	2.4	5.6	-	13.4	30	-4.4	7	-	-	47	131	17	14	9	7	5	0	0	0	0	0	6	15	-	0	3.36	-	-
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.31	-
Southgate ...	99	67	-	2.1	-	-	-	-	-4.9	5	5.9	-	60	151	18	14	15	10	5	3	0	0	0	0	7	16	-	0	-	-	-
Kew ⁷ ...	21-9	5	8.9	2.4	5.7	-	13.2	24,30	-3.9	7	5.7	6.5	42	112	13	14	12	6	6	1	0	1	0	1	9	16	13	0	3.53	97	-
Waddon ...	99	59	8.9	3.2	6.1	-0.6	13.3	24,28	-3.2	5,7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Addington ...	99	144	(8.8)	1.3	(4.5)	(-1.6)	12.8	24	-6.1	7	-	-	81	187	23	17	13	8	-	-	-	-	-	-	8	-	-	-	-	-	-
Bromley ...	99	65	8.1	1.4	4.7	-1.2	12.8	30	-6.1	7	-	-	82	182	21	17	15	11	-	-	-	-	-	0	9	-	-	-	-	-	-
Surrey																															
Gatwick ...	21-9	59	8.7	1.3	5.0	-1.1	13.4	30	-6.3	7	-	-	74	155	23	17	14	6	8	1	0	1	0	0	11	18	16	0	3.66	-	-
Witley ...	99	35	9.1	1.9	5.5	-0.8	13.4	28	-6.0	7	6.1	6.8	60	-	18	17	10	7	-	0	-	-	-	1	9	19	-	0	3.15	-	-
Mickleham ...	99	55	(8.7)	0.6	(4.7)	-	12.7	30	-8.8	7	5.4	5.8	84	174	24	17	14	6	5	1	0	0	0	1	14	18	-	0	-	-	-
Kent																															
Hadlow College ...	99	30	8.7	1.3	5.0	-	13.2	30	-6.1	7	6.1	6.4	57	-	17	17	16	11	6	3	0	0	0	1	11	17	-	0	3.25	-	-
Gillingham ...	99	4	8.7	2.4	5.5	-	13.8	24	-2.8	5	-	-	47	121	15	17	15	8	-	-	-	-	-	-	7	-	-	-	-	-	-
Peckham ...	21-9	29	8.5	1.3	4.9	-	13.1	24	-4.9	7	-	-	52	-	15	17	17	9	8	3	0	0	0	1	15	19	18	0	4.18	-	-
Dungeness ...	21-9	3	7.8	2.5	5.1	-0.7	11.5	25	-3.9	6	-	-	50	132	10	15,17	15	11	7	3	1	0	0	0	9	-	-	0	-	-	-
Whitstable ...	99	3	8.4	2.5	5.5	-	12.8	24	-2.7	7	-	-	50	148	11	17	18	11	6	4	0	0	0	0	6	-	-	0	3.77	-	-
Folkestone ...	99	39	7.7	(2.8)	(5.3)	-	11.6	29	-3.7	5	-	7.1	59	149	12	17	18	11	7	5	0	1	0	0	6	-	3	4.23	-	-	-
Elmstone ...	99	9	8.6	1.4	5.0	-	13.9	24	-3.9	7	-	-	50	-	12	17	20	10	-	-	-	-	-	0	11	13	-	-	-	-	-
Herne Bay ...	99	6	8.2	3.2	5.7	-	12.7	23	-2.2	7	-	-	47	131	10	17	18	11	3	1	0	0	0	0	4	-	-	0	4.08	-	-
Dover ...	99	6	7.9	3.0	5.5	-0.8	12.3	30	-3.2	5	6.5	6.9	64	139	12	17	18	12	5	4	1	1	1	0	5	10	-	0	4.18	-	-
Manston ...	21-9	44	7.9	2.4	5.1	-	13.0	24	-3.5	6	-	-	37	117	9	17	14	10	8	4	0	3	1	1	7	13	8	0	-	-	-
Margate ...	99	16	7.7	3.2	5.5	-1.0	13.4	24	-3.3	7	5.9	6.6	37	-	9	17	17	10	4	1	0	0	0	0	5	8	-	0	3.76	84	-
Goudhurst ...	99	85	8.3	1.1	4.7	-	13.5	30	-7.3	7	-	-	67	127	21	17	16	11	4	2	1	1	0	0	11	14	-	0	-	-	-
East Malling ...	99	37	8.5	1.9	5.2	-0.7	12.8	24	-3.4	5	5.6	6.2	55	132	15	17	16	9	7	5	0	0	0	0	14	-	0	3.23	84	-	
Throwley ...	99	150	7.2	1.2	4.2	-	11.7	30	-5.1	5	4.9	5.8	68	136	16	17	18	12	9	7	1	1	1	0	10	20	-	0	3.62	-	-
Faversham ...	99	48	7.8	1.6	4.7	-	12.7	24	-3.4	7	5.4	6.1	55	-	15	17	16	10	7	5	1	1	0	0	13	15	-	0	3.36	-	-
Wye ...	99	56	8.2	1.6	4.9	-1.1	12.8	30	-4.6	28	5.6	6.2	59	120	15	17	19	11	5	3	0	0	1	4	9	20	-	0	4.11	97	-
Sussex																															
Thorney Island ...	21-9	3	8.9	2.2	5.5	-	12.9	30	-6.9	7	-	-	62	140	19	14	11	7	6	0	0	1	0	0	8	16	13	0	4.03	-	-
Rogate ...	99	64	9.0	(0.2)	(4.6)	-	13.5	31	-7.3	7	6.2	-	74	-	29	17	8	6	0	0	0	0	0	0	17	19	-	0	-	-	-
Bognor Regis ...	99	7	8.3	2.4	5.3	-0.9	11.7	30	-4.9	7	-	7.3	75	156	25	14	9	8	5	0	0	0	0	0	6	13	-	1	4.48	103	-
Fernhurst ...	99	57	8.8	0.7	4.7	-	13.4	30	-6.5	7	5.5	-	80	138	25	17	9	7	5	-	0	0	0	-	15	18	-	0	3.56	-	-
Littlehampton ...	99	5	8.9	2.4	5.7	-0.7	13.0	30	-4.9	7	-	6.9	63	137	17	14	9	7	4	1	0	0	0	0	7	-	-	0	4.50	108	-
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Heath ...	99	21	9.1	1.6	5.3	-	13.9	30	-6.4	7	6.0	6.7	71	-	24	17	8	6	3	2	0	0	0	0	10	-	-	0	3.71	-	-
Worthing ...	99	-	8.7	2.8	5.7	-0.7	13.0	30	-4.3	7	6.2	-	55	125	15	17	10	7	4	1	0	0	0	0	6	17	-	0	4.49	99	-
Brighton ...	99	10	8.5	3.0	5.7	-	14.2	30	-3.9	7	-	7.4	61	137	15	17	11	6	4	1	0	0	0	0	6	13	-	1	4.48	102	-
Plumpton ...	99	76	8.3	-	-	-	13.3	30	-5.6	7	-	-	79	-																	

District, county and place		max. temp. 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 1931-60 average	most in a day	precip'n	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 1931-60 average	exposure				
				max. (a)	min. (b)			max.	date	min.	date																							
5 ENGLAND SE — continued																																		
Wiltshire																																		
Lacock ...	99	49	8.7	1.2	4.9	-	12.3	11	-8.1	7	-	-	53	110	15	14	11	9	-	2	-	-	-	-	1	9	13	14	0	-	-	-	-	
Lyneham ...	21-9	145	7.8	1.7	4.7	-1.0	12.3	30	-7.0	7	-	-	55	118	16	14	16	8	7	2	1	5	0	0	0	6	17	14	0	-	3.38	-	-	
Larkhill ...	99	132	8.2	1.0	4.6	-1.2	13.0	30	-7.4	7	-	-	58	148	31	17	12	9	5	1	0	0	0	0	0	9	18	13	0	-	-	-	-	
Boscombe Down ...	21-9	126	8.3	1.3	4.8	-1.2	12.4	30	-6.5	7	-	-	64	141	26	17	12	9	8	2	0	0	0	0	0	9	19	18	0	-	3.61	-	-	
Upavon ...	21-9	176	7.8	1.1	4.5	-	12.1	30	-6.4	7	-	-	66	138	21	17	18	10	9	1	0	0	0	0	0	13	18	15	0	-	-	-	-	
Porton ...	99	111	8.3	0.3	4.3	-1.5	12.9	30	-8.5	7	4.6	-	75	160	29	17	13	10	-	0	-	-	-	1	11	20	18	-	-	3.59	87	-	-	
7a ENGLAND NW																																		
Cumberland																																		
Sellafield ...	99	13	(7.8)	(2.3)	(5.1)	-	10.7	30	-2.7	10	-	-	81	120	20	16	19	12	-	1	-	-	-	7	5	11	-	-	-	3.09	-	-	-	
Bromfield ...	99	20	8.2	1.6	4.9	-	11.6	30	-4.8	4	-	-	68	-	21	19	17	11	4	0	2	0	0	0	10	13	-	0	-	-	-	-	-	
Carlisle ...	21-9	26	8.2	2.0	5.1	-	13.0	30	-4.0	4	-	-	37	-	11	1	17	10	3	1	2	0	0	1	8	14	11	0	-	2.65	-	-	-	
Newton Rigg	99	171	7.6	1.3	4.5	-0.4	11.1	30	-4.9	4	4.4	-	54	97	18	18	20	11	-	1	-	-	-	0	10	22	-	-	2.29	68	-	-	-	
Westmorland																																		
Great Dun Fell ...	21-9	847	0.8	-2.6	-0.9	-	5.0	30	-8.2	10	-	-	-	-	-	-	-	-	24	-	-	-	26	28	-	-	-	-	1.56	-	-	-	-	
Moor House	99	556	3.6	-1.7	0.9	-	7.0	29	-10.5	4	2.2	-	127	96	26	24	24	21	-	15	-	-	-	3	22	21	-	-	2.21	-	-	-	-	
Lancashire																																		
Squires Gate ...	21-9	10	8.2	2.4	5.3	-0.5	12.3	30	-4.6	4	-	-	50	105	13	1	13	10	2	1	0	0	0	1	6	15	13	0	-	2.81	75	-	-	
Aigburth ...	99	14	8.7	3.1	5.9	-	12.1	29,30	-2.0	4	-	-	56	-	12	19	15	9	2	2	0	0	0	1	5	10	9	0	-	2.58	-	-	-	
Southport ...	99	5	7.9	1.7	4.8	-	12.2	30	-3.9	4	5.2	7.3	52	106	14	1	14	10	-	0	-	-	-	3	9	17	-	-	2.77	-	-	-	-	
Cartmel ...	99	34	7.9	1.3	4.6	-	11.8	30	-3.9	11	-	-	70	-	15	1	16	14	2	1	0	0	0	2	12	-	-	0	-	-	-	-	-	
Grizedale ...	99	91	7.6	0.7	4.1	-	11.6	30	-6.3	4	4.1	-	143	-	27	1	21	16	4	8	0	0	0	5	14	22	-	0	-	-	-	-	S	
Speke ...	21-9	22	8.5	2.7	5.6	-0.5	12.6	30	-4.1	4	-	-	48	107	11	1	14	9	2	1	2	1	0	1	6	12	10	0	-	2.53	-	-	-	
Kirkham ...	99	24	8	1.5	4	-	12.3	30	-5.4	4	-	-	51	96	14	1	13	10	2	1	0	0	0	0	9	17	-	0	2.57	-	-	-	-	
Bailrigg ...	99	53	(7.8)	(1.)	(4.)	-	11.9	30	-3.7	10	-	-	52	-	11	1	14	12	-	0	-	-	-	0	8	18	-	-	2.22	-	-	-	-	
Morecambe ...	99	7	7.7	2.6	5.1	-0.8	12.1	30	-2	-	-	-	48	89	12	1	18	11	2	1	0	0	0	0	6	-	-	0	-	2.52	67	-	-	-
Preston ...	99	33	8.2	1.7	4.9	-	12.2	30	-3.7	4	-	-	51	98	11	24	13	8	4	1	0	0	0	6	10	15	-	0	-	-	-	-	-	
Bolton ...	99	107	7.6	1.7	4.7	-	11.4	30	-3.4	5	4.7	5.2	75	-	17	24	14	10	-	0	-	-	-	1	7	17	-	-	2.35	-	-	-	-	
Stonyhurst	99	115	7.6	1.6	4.6	-0.6	11.7	30	-4.2	4	-	-	80	120	28	24	18	8	-	2	-	-	-	3	9	15	-	-	2.52	77	-	-	-	
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.98	-	-	-	-	
Helmshore ...	99	261	6.2	1.2	3.7	-	10.2	30	-4.1	4	4.3	-	95	103	28	24	18	13	-	6	-	-	-	3	10	18	-	-	2.55	-	-	S	-	
Burnley ...	99	200	6.6	1.3	3.9	-	10.1	2,9,30	-4.3	4	4.6	5.3	68	-	19	24	16	13	3	3	0	0	0	1	12	18	-	0	1.61	-	-	-	-	
Nelson ...	99	165	7.2	0.9	4.1	-	10.6	29	-4.2	4	4.2	4.9	79	130	22	24	16	14	3	2	0	-	-	1	11	19	-	-	2.28	-	-	S	-	
Rochdale ...	99	110	7.7	(1.7)	(4.7)	-	11.4	29	-4.3	4	-	-	70	106	12	1	17	12	3	2	0	0	0	1	9	14	-	0	-	-	-	S	-	
Cheshire																																		
West Kirby Park ...	99	8	9.1	2.6	5.9	-	12.6	30	-3.8	4	-	-	59	-	17	19	15	11	-	0	-	-	-	8	7	-	-	-	2.52	-	-	-	-	
Bidston ...	99	60	8.0	3.0	5.5	-0.5	11.9	24	-3.9	5	-	-	56	133	16	19	15	11	2	-	0	1	0	2	4	(11)	-	0	2.61	73	-	-	-	
Ness Gardens ...	99	55	6.8	2.6	4.7	-	12.4	29,30	-4.4	4	-	-	61	-	14	1	15	11	2	1	0	0	0	0	5	17	-	0	2.26	-	-	-	-	
Winnington ...	99	20	9.1	2.6	5.9	-	12.7	24,29	-2.5	4	-	-	43	95	12	1	12	8	2	1	0	0	0	2	5	13	-	0	-	-	-	-	-	
Knutsford ...	99	65	8.4	2.0	5.2	-	12.2	30	-3.6	4	5.0	5.3	48	100	14	1,24	13	10	-	3	-	-	-	9	19	-	-	-	-	-	-	-	-	
Ringway ...	21-9	75	7.9	2.6	5.3	-0.5	12.6	29	-2.3	4,7	-	-	46	102	13	1	15	9	5	1	0	0	1	0	7	13	11	0	2.26	70	-	-	-	
Macclesfield ...	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7b NORTH WALES																																		
Flint																																		
Rhyl ...	99	9	8.5	2.9	5.7	-0.9	11.7	12	-3.7	4	-	-	65	156	13	1	14	11	1	1	0	0	0	0	6	9	-	0	2.69	71	-	-	-	
Prestatyn ...	99	4	8.4	3.3	5.9	-	12.6	29	2.8	4	-	-	73	163	13	1	16	13	1	0	0	0	0	0	3	-	-	0	2.42	67	-	-	-	
Hawarden Bridge ...	99	5	9.3	2.6	5.9	-0.4	16.1	12	-3.7	4	-	-	56	130	14	19	15	12	1	1	0	0	0	2	7	-	-	0	-	-	-	-	-	
Anglesey																																		
Valley ...	21-9	10	8.5	3.5	6.0	-0.8	11.3	31	-2.7	4	-	-	92	173	25	1	17	13	1	0	0	2	1	0	4	11	7	0	2.97	72	-	-	-	
Denbigh																																		
Colwyn Bay ...	99	4	8.8	3.2	6.0	-	12.8	25	-2.4	4	-	-	-	14	1	14	13	1	0	0	0	0	0	3	-	-	0	3.11	79	-	-	-	-	
Aiwen ...	99	335	-	-0.6	-	-	-	-	-9.4	4	-	-	85	-	16	20	13	13	-	-	-	-	-	14	20	-	-	-	-	-	-	-	-	
Ruthin ...	99	76	8.9	1.6	5.3	-	12.3	30	-5.2	4	-	-	55	-	14	19	14	10	-	0	-	-	-	0	8	-	-	-	-	-	-	-	-	
Loggerheads	99	210	7.4	1.2	4.3	-	10.7	29	-6.3	4	4.6	5.4	82	-	27	1	16	12	4	2	0	0	0	1	10	14	-	0	2.66	-	-	S	-	
Bwlchgwyn ...	99	386	6.1	0.7	3.4	-	11.7	26	-5.3	4	4.1	-	99	139	26	1	18	11	4	2	0	0	0	2	8	16	-	0	-	-	-	-	-	
Wrexham ...	99	88	8.6	2.4	5.5	-	16.4	12	-3.3	5	-	-	42	83	13	17	16	10	2	0	0	0	0	0	5	14	-	0	-	-	-	-	-	
Caernarvon																																		
Bardsey Island ...	21-9	18	8.2	3.2	5.7	-	10.2	25	-1.7	5	-	-	97	-	15	1	16	13	-	0	-	-	-	0	1	4	2	-	-	-	-	-	-	
Botwnnog	99	34	8.8	3.2	6.0	-	14.4	29	-1.9	4	6.6	7.2	130	-	27	1	17	15	1	0	0	0	0	0	2	14	-	0	2.40	-	-	-	-	
Pen-y-Ffridd ...	99	84	8.6	2.7	5.7	-	11.7	11	-2.8	5	-	-	103	141	23	19	20	15	2	1	1	1	0	0	3	13	-	0	1.97	-	-	-	-	
Aber ...	99	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Merioneth																																		
Trawsfynydd ...	99	186	7.6	2.1	4.9	-	11.7	30	-3.3	4	-	-	78	-	19	24	19	13	-	1	-	-	-	0	7	17	-	-	-	-	-	-	-	
Bala ...	99	163	7.6	1.5	4.5	-	11.1	27	-5.9	4	5.2	5.8	61	-	11	24	17	10	4	0	0	1	1	0	11	16	14	0	2.29	-	-	-	-	
Corwen ...	99	144	7.9	1.3	4.6	-																												

Table 3 Summary of daily observations

For meaning of symbols 1 5 ± S used below see Notes in the Introduction.

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more														
8a SOUTH WALES — continued																																
Carmarthen																																
Carmarthen ...	99	15	9.1	2.3	5.7	-	12.3	30	-5.8	7	6.2	7.1	89	-	26	17	15	13	1	0	2	1	0	0	7	14	-	2	2.60	-	-	
Esgairwen-Uchaf ...	99	332	6.1	1.0	3.5	-	9.4	30	-6.6	7	-	-	103	-	23	17	18	14	9	3	0	3	0	2	9	13	-	0	-	-	-	
Brynamman ...	21-9	183	7.9	2.0	4.9	-	11.6	31	-5.9	7	-	-	115	-	32	17	17	14	4	-	3	2	0	1	5	11	-	0	-	-	-	
Radnor																																
Cenarth Mill ...	21-9	282	6.5	0.6	3.5	-	10.8	29	-7.4	4	-	-	83	-	19	17	18	12	-	1	-	-	-	0	10	19	-	-	-	-	-	
Llandrindod Wells ¶ §	99	235	8.1	0.9	4.5	-0.8	12.8	29	-5.6	4, 7	5.2	-	66	100	15	17	14	10	3	1	0	0	0	0	8	-	-	0	2.50	70	S	
Brecknock																																
Llwynon ...	99	262	7.2	0.3	3.7	-	10.6	11, 22	-7.8	7	-	-	87	-	25	17	15	11	2	0	0	0	0	4	11	-	-	0	2.87	-	S	
Glamorgan																																
Mumbles ...	21-9	37	8.5	3.7	6.1	-	13.0	27	2.9	7	-	-	-	-	-	-	-	-	1	0	1	0	0	0	4	4	4	1	-	-	-	
Penmaen ...	99	82	8.4	2.9	5.7	-	11.6	11, 27	-4.8	7	6.2	6.6	69	-	20	17	14	11	1	0	1	0	0	1	5	12	-	0	3.81	-	-	
Swansea ...	99	8	9.2	3.6	6.4	-0.8	12.2	11, 28	-3.3	7	6.3	-	79	-	21	17	13	12	1	0	0	0	0	0	4	-	-	0	3.01	76	S	
Port Talbot ...	99	7	9.4	3.4	6.4	-	12.8	29	-4.7	7	-	-	74	117	20	1	14	10	3	0	2	0	0	0	5	8	-	-	3.20	-	S	
Neath ...	99	62	8.9	3.1	6.0	-	12.4	27	-4.4	7	-	-	104	142	19	1	17	13	2	0	0	2	0	0	5	10	-	-	-	-	-	
Rhooose ...	21-9	67	8.3	2.6	5.5	-	12.9	29	-5.9	7	-	-	69	-	21	14	14	10	3	0	1	0	0	0	5	10	11	0	3.29	85	-	
Cardiff ...	99	62	9.1	2.7	5.9	-0.7	13.8	29	-4.9	7	6.0	6.7	67	103	21	17	14	11	1	-	0	0	0	0	6	-	-	-	3.01	-	S	
Monmouth																																
Tredegar ...	99	313	6.5	0.9	3.7	-	10.0	29, 30	-7.2	7	-	-	105	99	35	17	17	14	6	4	1	1	0	5	8	15	-	0	2.65	-	-	
Newport ...	99	23	(9.0)	(2.8)	(5.9)	(-0.6)	12.8	30	-4.9	7	-	-	67	105	19	17	14	10	-	0	-	-	-	0	6	15	-	0	3.21	-	-	
Usk ...	99	21	10.1	2.4	6.3	-	13.9	11	-6.7	7	6.3	-	84	123	23	17	9	9	-	0	-	-	-	8	6	14	-	-	-	-	-	
Crumblant ...	99	245	7.2	0.7	3.9	-	11.4	11	-6.8	7	4.7	5.4	88	127	26	17	16	11	-	2	-	-	-	-	1	10	19	-	-	3.14	-	-
8b ENGLAND SW																																
Somerset																																
Hawkrigge ...	99	314	6.3	0.9	3.6	-	11.1	29	-6.7	7	-	-	112	123	30	14	18	13	7	2	1	1	0	5	9	18	-	0	3.08	-	-	
Nettlecombe ...	99	96	8.5	1.7	5.1	-	13.3	24, 29	-7.5	7	5.9	-	99	-	34	14	13	10	2	0	0	0	0	1	7	19	-	0	-	-	-	
Cannington ...	99	29	-	-	-	-	-	-	-	-	(6.4)	-	67	140	23	14	12	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Weston-super-Mare ...	99	9	8.9	2.7	5.8	-1.0	13.3	29	-5.0	7	-	-	65	129	18	14	13	10	3	0	0	0	0	0	6	-	-	0	3.26	82	-	
Crick Malherbie ...	99	76	(8.8)	(1.9)	(5.3)	-	12.8	24	-7.2	7	-	-	86	-	23	17	14	11	-	-	-	-	-	-	7	16	-	-	-	-	-	
Cheddar ...	99	11	(8.9)	(1.7)	(5.3)	-	12.8	29, 30	-5.6	6	(6.3)	-	50	-	15	14	12	10	-	0	-	-	-	-	9	18	-	-	-	-	-	
Yeovilton ...	21-9	18	9.0	1.7	5.3	-	13.2	30	-7.0	7	-	-	51	-	15	14	13	6	4	0	0	0	0	1	9	15	11	0	-	-	-	
Rodney Stoke ...	99	40	-	-	-	-	12.2	30	-5.0	5, 6, 7	6.1	6.8	68	-	20	1	11	10	-	0	-	-	-	0	19	-	-	-	-	-	-	
Long Ashton ¶ §	99	49	8.7	1.8	5.3	-1.2	12.4	30	-7.9	7	5.8	-	65	113	20	14	12	10	2	0	0	1	0	0	7	17	-	0	3.23	85	-	
West Camel ...	99	27	9.2	1.2	5.2	-	13.3	24, 30	-6.5	7	-	-	52	-	15	17	13	6	5	0	0	0	0	10	20	-	-	-	-	-	-	
Wincanton ...	99	114	8.5	0.9	4.7	-	13.3	24	-6.7	7	-	-	62	-	19	17	10	18	4	1	0	0	0	1	10	18	-	-	-	-	-	
Bath City Boys' School	99	118	8.3	2.0	5.1	-	12.2	9	-6.4	7	6.1	-	50	95	18	1	13	9	2	0	0	0	0	0	7	-	-	-	-	-	-	
Dorset																																
Portland Bill																																
Coastguard ...	21-9	53	8.2	4.0	6.1	-	11.6	30	-3.3	5	-	-	40	-	15	17	6	5	0	0	0	0	0	0	5	5	5	1	4.59	-	-	
Weymouth ...	99	23	9.6	1.9	5.7	-	13.4	27, 30	-6.3	7	-	-	55	-	17	1	10	8	1	0	0	1	0	0	6	-	-	0	4.57	-	-	
Winfrith ...	99	26	9.3	(1.6)	(5.5)	-	14.0	24	-5.5	7	-	-	51	-	22	17	10	6	-	0	-	-	-	2	9	20	-	-	-	-	-	
Shaftesbury ...	99	207	7.6	0.9	4.3	-1.4	11.8	30	-7.1	7	-	-	62	114	24	17	15	11	-	0	-	-	-	2	8	-	-	-	-	-	-	
Swanage ...	99	11	9.3	2.9	6.1	-	13.4	11	-3.4	7	-	7.4	51	102	17	1	11	7	2	-	0	0	0	2	6	10	-	1	4.70	108	-	
Poole ...	99	8	9.2	2.0	5.6	-	13.1	11	-4.6	7	6.9	6.9	56	106	21	17	11	8	2	0	0	0	0	0	9	13	-	0	4.32	100	-	
Devon																																
Virginstow ...	99	168	(8.2)	(1.6)	(4.9)	-	11.6	30	-7.2	7	-	-	66	-	20	17	15	9	1	-	0	0	0	0	7	14	-	0	-	-	-	
Hartland Point ...	21-9	91	7.7	4.4	6.1	-	10.2	30	-3.3	7	-	-	51	90	16	17	14	10	1	0	0	2	0	1	4	4	4	2	3.70	85	-	
Mount Batten ...	21-9	27	8.9	3.6	6.3	-1.0	12.3	30	-3.8	5	-	-	76	110	28	17	11	9	2	0	0	0	0	5	14	8	0	4.14	97	-		
Plymouth Hoe ¶	99	36	9.4	3.3	6.3	-1.3	13.2	11	-3.9	7	6.9	7.3	73	106	27	17	12	10	1	0	0	0	0	0	6	18	-	0	3.91	91	-	
Tavistock ...	99	139	8.9	1.7	5.3	-1.6	12.3	11	-5.6	7	-	-	95	108	35	17	14	10	1	0	1	1	0	7	-	-	2	-	-	-	-	
Chivenor ...	21-9	6	9.2	3.8	6.5	-1.2	13.2	30	-5.6	7	-	-	72	128	21	1	16	11	4	0	0	0	0	0	5	12	5	0	3.55	-	-	
Ilfracombe ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Salcombe ...	99	116	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Totnes ...	99	84	9.3	1.8	5.5	-	12.8	29	-4.2	5, 8	6.2	7.1	87	-	35	17	9	9	-	0	-	-	-	-	8	15	-	-	3.45	-	-	
Cheldon Barton ...	21-9	163	7.9	2.2	5.1	-	12.3	24	-6.1	7	5.7	-	78	-	24	14	14	9	4	0	2	0	0	0	6	18	-	0	3.24	-	-	
Slapton ...	99	32	9.9	3.2	6.5	-	13.8	9	-2.3	5, 6, 7	-	-	59	73	21	17	10	6	1	0	0	0	0	1	6	-	-	0	-	-	-	
Newton Abbot ...	99	83	9.1	2.5	5.8	-	12.7	28	-5.3	7	-	-	61	84	31	17	11	10	1	0	0	0	0	1	6	-	-	0	3.96	97	-	
Torbay (Torquay) ...	99	8	9.4	3.2	6.3	-1.0	12.9	11	-2.6	7	-	7.2	66	99	28	17	10	8	3	0	0	0	0	5	9	-	1	4.03	94	-		
Teignmouth ¶ §	99	6	9.2	2.9	6.1	-1.3	13.3	11	-3.3	7, 8	-	-	72	112	28	17	15	9	2	0	0	0	0	1	6	-	-	0	4.15	99	-	
Starcross ...	99	9	9.3	2.6	5.5	-	13.3	24	-4.9	7	6.4	-	73	114	28	17	13	8	3	0	1	0	0	1	7	14	-	3	3.92	-	-	
Exmouth ...	99	59	8.8	2.9	5.9	-0.7	14.0	24	-4.5	7	-	-	63	102	22	14	13	7	3	0	1	0	0	1	6	-	-	0	4.41	107	-	
Exeter ...	21-9	32	9.0	2.7	5.9	-	13.0	24	-6.0	7	-	-	71	117	26	17	11	8	6	0	2	1	1	6	16	8	0	3.56	-	-	-	
Sidmouth ...	99	8	9.7	2.7	6.2	-0.6	13.3	13	-4.4	5, 8	-	-	72	129	25	14	9	7	-	0	-	-	-	1	6	11	-	-	4.09	99	S	
Cornwall																																
Scilly ...	21-9	48	9.9	5.3	7.5	-1.0	14.1	12	0.0	7	-	-	62	97	22	17	15	12	0	0	0	0	0	0	7	4	1	4.18	100	-		
Penzance ...	99	19	9.9	4.1	7.0</																											

Table 3 Summary of daily observations

For meaning of symbols § § § used below see Notes in the Introduction.

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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				
			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)	date	precip'n		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							0.2mm or more	1.0mm or more															
NORTHERN IRELAND — continued																																	
Londonderry — continued																																	
Garvagh Forest ...	99	88	9.1	1.8	5.5	-	13.0	28	-4.9	22	5.8	6.2	51	-	12	28	19	11	0	0	0	0	0	1	8	14	-	-	-	-	-		
Moneydig ...	21-9	34	9.4	2.2	5.8	-0.2	14.2	24	-5.4	22	6.2	-	45	68	13	28	17	8	1	0	1	0	0	1	8	19	10	0	-	-	-		
Traad Point ...	99	16	-	-	-	-	-	-	-	-	-	-	30	-	10	28	15	6	0	0	0	0	-	-	-	-	-	2.69	-	-	-		
Antrim																																	
Ballymoney ...	99	55	9.6	2.0	5.8	-	13.4	24	-3.2	15	-	-	43	-	8	1	16	10	0	0	0	0	-	6	-	-	-	-	-	-	-		
Lisnafillan ...	99	38	9.2	1.8	5.5	-	14.0	24	-	-	-	-	55	-	13	28	17	11	1	0	0	0	0	3	8	15	-	-	2.96	-	-		
Aldergrove §	21-9	68	8.8	2.0	5.4	-0.5	12.6	24	-3.0	15,16	5.9	6.7	39	69	9	1	15	10	1	0	0	0	0	4	8	19	14	0	2.61	78	-		
Greenmount ...	99	32	9.1	1.8	5.5	-	12.9	28	-3.6	16	6.0	-	43	-	9	1	18	11	0	0	0	0	0	8	19	-	-	-	-	-	-		
Altnahinch ...	99	226	7.2	1.3	4.3	-	10.8	24	-2.8	15	-	-	98	-	17	1	22	16	3	0	2	0	0	3	8	16	-	2	2.77	-	-		
Parkmore Forest ...	99	235	7.2	1.2	4.2	-	11.1	24	-4.4	15	5.1	-	97	97	16	1	19	14	1	0	0	0	0	1	7	22	-	0	-	-	-		
Black Mountain ...	21-9	295	6.4	1.4	3.9	-	10.1	28	-2.0	17	-	-	58	-	19	18	16	11	4	1	0	0	0	8	9	-	2	-	-	-	-		
Lowtown ...	99	271	7.1	0.9	4.0	-	11.7	24	-5.6	15	4.9	-	90	-	26	18	17	9	2	0	0	0	0	5	9	20	-	2	2.54	-	-		
Ballypatrick Forest	99	152	7.8	1.9	4.9	-	12.3	24	-3.2	15	-	-	46	60	8	1	20	8	2	0	0	1	0	1	6	18	-	2	2.69	-	-		
Belfast Malone ⁹ ...	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Newtownabbey ...	99	32	9.2	3.4	6.3	-	13.2	24	-1.7	16	6.4	-	59	-	17	18	17	11	3	0	4	0	0	0	4	12	-	0	2.82	-	-	§	
Woodburn North ...	99	217	7.6	1.1	4.3	-	12.1	24	-4.8	15	-	-	69	91	25	18	17	11	3	0	0	1	0	4	9	16	-	0	-	-	-		
Larne ...	99	43	10.0	2.5	6.3	-	15.1	24	-2.4	15	-	-	31	47	6	1	15	7	0	0	0	0	0	0	6	-	-	0	-	-	-		
Kilroot ...	99	22	9.1	2.7	5.9	-	13.8	24	-2.3	15	-	-	51	-	17	18	13	9	0	0	0	0	0	0	5	11	-	-	-	-	-		
Ballylumford ...	99	24	9.4	3.1	6.3	-	14.0	24	-1.2	10	-	-	30	-	9	18	13	6	0	-	0	0	0	-	3	9	-	-	-	-	-		
Down																																	
Hillsborough §	99	116	8.3	1.4	4.9	-0.7	13.3	24	-3.3	16	5.8	6.6	43	80	15	18	14	8	0	0	2	0	0	1	9	19	-	2	2.71	83	-		
Kilkeel ...	21-9	18	8.8	3.3	6.1	-0.2	13.0	24	-2.5	16	-	-	61	-	20	18	15	10	0	0	0	0	0	0	2	12	7	2	2.64	-	-	-	
Tollymore Park ...	99	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rosetta ...	99	24	9.0	2.7	5.9	-	13.9	24	-2.2	15	-	-	45	-	17	18	14	8	-	-	-	-	-	-	5	-	-	-	-	-	-		
Murlough ...	99	9	9.4	2.0	5.7	-	14.9	24	-5.7	16	5.6	6.2	51	-	27	18	10	7	1	0	1	0	0	0	6	12	-	2	3.03	-	-	-	
Belfast Rosebank ...	99	47	9.1	2.7	5.9	-	13.8	24	-2.5	15	-	-	52	-	25	18	14	11	-	0	-	-	-	-	6	-	-	-	-	-	-		
Stormont Castle ...	99	56	9.1	2.6	5.9	-	12.8	28	-1.1	15	5.4	6.4	52	89	26	18	18	8	1	0	0	0	0	5	4	15	-	3	2.64	-	-	-	
Downpatrick ...	99	26	9.1	1.9	5.5	-	13.3	24	-3.9	16	-	-	56	-	29	18	12	6	-	-	-	-	-	-	8	5	14	-	-	-	-		
Creightons Green ...	99	119	8.0	2.5	5.3	-	12.2	24	-1.7	22	-	-	37	-	13	18	15	8	1	0	1	1	0	1	4	12	-	2	-	-	-		
Reagh Island ¹⁰ ...	99	12	9.4	3.1	6.3	-	12.6	24	-1.2	16	-	-	47	-	24	18	11	8	0	-	0	0	0	0	3	13	-	3	2.48	-	-	-	
Helens Bay ...	99	43	8.9	3.4	6.1	-	12.6	24	-0.4	16	-	-	36	-	12	18	14	8	1	0	2	0	0	0	1	12	-	1	2.87	-	-	-	
Killough ...	21-9	15	8.6	2.6	5.6	-	12.0	24	(-3.5)	15,16	-	-	53	-	22	18	14	8	0	0	0	0	0	0	4	13	6	1	-	-	-		
Ballywalter Park ...	-	11	-	-	-	-	-	-	-	-	-	-	58	108	25	18	14	10	-	-	-	-	-	-	-	-	-	-	2.43	-	-	-	
Armagh																																	
Armagh ... §	99	62	9.7	1.9	5.8	-0.6	14.4	24	-2.8	22	6.7	7.1	29	58	6	1	16	9	0	0	2	0	0	0	11	7	18	-	1	2.46	73	-	
Loughgall ...	99	25	9.3	1.4	5.3	-	14.2	24	-4.4	22	-	-	26	57	6	28	16	7	0	0	0	3	0	1	11	19	-	0	2.65	-	-	-	
Tandragee ...	99	43	9.5	1.7	5.6	-	14.5	24	-4.2	16	-	-	31	-	7	1	15	8	-	-	-	-	-	-	10	-	-	-	-	-	-		
Bessbrook ...	-	76	-	-	-	-	-	-	-	-	-	-	34	54	7	1	18	8	-	-	-	-	-	-	-	-	-	-	2.45	72	-	-	
Portadown ...	99	16	9.4	1.3	5.3	-	13.3	28	-4.2	22	6.4	7.2	27	-	8	1	17	8	0	-	0	0	0	-	9	19	-	-	-	-	-	-	
Lurgan ...	99	55	9.4	1.5	5.5	-	14.7	24	-4.2	16	5.8	6.7	31	-	8	1	14	9	-	-	-	-	-	-	10	16	-	-	2.60	-	-	-	
Tyrone																																	
Lough Bradan ...	99	169	8.4	0.9	4.7	-	11.1	24,30	-3.9	22	-	-	64	-	10	28	24	14	-	0	-	-	-	-	2	11	25	-	-	2.81	-	-	
Baronscourt Forest	99	88	9.3	1.9	5.6	-	12.4	24	-4.0	22	-	-	41	-	9	28	18	13	0	0	0	0	0	3	7	19	-	-	-	-	-	-	
Strabane Convent	99	44	9.5	2.7	6.1	-	13.5	24	-2.4	22	-	-	38	-	10	28	19	11	0	0	0	0	0	2	5	12	-	2	2.71	-	-	-	
Carrigans ...	21-9	113	9.3	2.3	5.8	-	12.8	12	-3.2	22	-	-	57	-	10	28	26	13	1	0	1	6	0	3	6	19	10	2	-	-	-	-	
Lislap Forest ...	99	209	8.6	0.8	4.7	-	13.8	12	-3.2	16,17	5.7	-	60	73	16	28	27	13	3	1	0	0	0	4	14	21	-	0	-	-	-	-	
Knockmany Forest	99	73	9.2	0.9	5.1	-	12.3	24	-5.0	22	-	-	48	75	8	29	19	12	1	0	0	0	0	3	10	19	-	-	-	-	-	-	
Pomeroy Forest ...	99	165	8.7	1.3	5.0	-	12.3	24	-4.4	15	5.9	-	41	-	11	28	22	10	1	0	0	1	1	2	10	19	-	1	-	-	-	-	
Cookstown ...	99	77	8.9	1.9	5.4	-	13.3	24	-3.3	15	5.8	-	35	60	8	28	19	8	0	-	0	0	1	0	0	9	18	-	-	2.66	-	-	-
Fermanagh																																	
Roscor ...	99	143	8.7	2.5	5.6	-	11.8	11	-1.4	22	-	-	60	86	13	28	28	16	1	0	2	0	1	1	4	15	-	0	-	-	-	-	
Lough Navar Forest	99	148	9.2	0.7	4.9	-	12.0	12,24	-5.8	22	-	-	61	-	11	28	22	17	1	0	6	1	0	2	11	18	-	0	-	-	-	-	
Castle Archdale ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Forest ... §	99	66	9.0	1.8	5.4	-0.7	12.3	12	-3.3	14	6.3	6.2	47	75	10	28	23	12	0	0	0	0	0	1	10	17	-	-	2.77	84	-	-	
Lisnaskea ...	99	49	9.2	1.1	5.1	-	13.3	24	-4.4	22	-	-	40	-	12	28	19	11	1	-	0	0	0	6	11	17	-	2	2.18	-	-	-	
Pubble Forest ...	99	91	9.0	1.7	5.3	-	12.6	12	-3.3	14	-	-	46	-	9	28	22	12	1	0	1	0	0	2	10	16	-	-	-	-	-	-	
CHANNEL ISLES																																	
Guernsey Airport	21-9	104	7.6	3.8	5.7	-1.9	10.6	24	-1.6	7	6.2	7.0	68	111	14	1	13	9	7	0	1	0	0	1	3	10	-	0	3.49	-	-	-	
Guernsey L'ancresse	99	5																															

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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 1931-50 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)					
																																						22-33	11-21	1-10	0		
number of observations																																											
0 SCOTLAND N																																											
Lerwick [Zetland] ¹²																																											
83	3	1010.7	-	3.5	0.8	7.0	87	6.4	2	0	6	6	17	0	0	0	1	0	1	0	6	4	9	10	0	5	14	8	0	6	1	1	0	8	2	6	3						
	9	1011.0	-1.1	4.4	1.2	7.0	82	6.5	0	2	5	14	9	1	0	0	1	2	0	1	5	6	9	7	0	7	15	9	0	6	3	2	0	5	4	8	8						
	15	1010.9	-	5.0				6.7	0	1	3	17	10	0	0	0	1	0	0	0	9	4	11	6	1	7	17	6	0	5	6	0	0	9	3	7	1						
	21	1011.1	-	3.7	1.0	6.9	85	5.8	1	5	4	10	11	0	0	0	0	0	0	4	4	6	8	9	1	4	16	7	3	6	1	2	0	9	4	3	3						
Kirkwall [Orkney]																																											
26	3	1012.2	-	4.1	0.7	7.4	89	5.9	0	4	6	11	10	0	0	0	0	0	0	2	6	16	7	0	7	10	11	3	4	1	0	3	5	3	9	3							
	9	1012.4	+0.1	5.2	0.9	7.6	86	6.3	0	1	6	15	9	0	0	0	0	0	0	1	4	5	14	7	0	6	13	12	0	6	3	1	3	5	4	8	1						
	15	1012.2	-	6.3	1.4	7.6	79	6.4	0	2	5	15	8	1	0	0	1	0	0	3	5	9	13	0	5	19	7	0	6	2	0	4	4	5	7	3							
	21	1012.4	-	4.6	0.7	7.5	88	6.1	0	4	4	13	10	0	0	0	0	0	0	5	7	10	9	0	2	21	7	1	7	2	0	1	8	5	5	2							
Wick [Caithness]																																											
37	3	1012.5	-	3.6	0.7	7.1	87	5.4	0	9	2	10	10	0	0	0	0	0	0	3	3	16	9	0	0	16	12	3	2	3	2	0	5	2	7	7							
	9	1012.5	+0.1	4.9	1.0	7.4	84	6.0	0	4	4	17	6	0	0	0	0	0	0	6	4	10	11	0	1	12	18	0	2	5	0	0	6	4	7	7							
	15	1012.2	-	6.5	1.5	7.6	77	6.7	0	2	2	18	9	0	0	0	0	0	1	0	2	1	14	13	0	2	14	15	0	7	4	0	1	7	2	4	6						
	21	1012.6	-	4.3	0.9	7.2	85	5.7	0	8	1	12	10	0	0	0	0	0	0	6	6	9	10	0	1	15	15	0	4	3	2	0	5	3	6	8							
Cape Wrath* [Sutherland]																																											
113	3	1012.2	-	4.9	0.8	7.6	87	5.5	0	3	12	4	9	3	0	1	2	0	0	1	0	4	4	19	0	5	8	16	2	5	3	1	0	3	9	6	2						
	9	1012.5	-	5.3	0.9	7.7	85	6.9	0	0	5	12	14	0	0	0	0	0	0	2	1	4	9	15	0	2	9	19	1	3	3	2	1	7	7	5	2						
	15	1012.2	-	5.9	1.1	7.8	83	6.7	0	0	7	8	16	0	0	0	0	1	0	2	6	6	16	0	2	10	19	0	5	3	2	1	2	12	4	2							
	21	1012.2	-	5.1	0.7	7.8	87	5.9	0	1	11	6	11	2	0	1	1	0	0	1	1	4	11	12	0	4	11	15	1	5	4	1	0	2	12	3	3						
Stornoway [Ross & Cromarty]																																											
5	3	1013.2	-	4.1	0.3	7.9	95	4.5	2	9	6	3	11	0	0	0	0	0	0	8	6	10	7	0	6	10	11	4	2	3	0	1	7	5	6	3							
	9	1013.4	+1.5	5.8	0.6	8.6	92	5.5	0	4	10	8	9	0	0	0	0	0	0	6	7	8	10	0	5	12	11	3	6	3	0	0	5	7	4	3							
	15	1013.0	-	7.1	1.1	8.6	84	5.9	0	3	8	11	9	0	0	0	0	0	1	5	8	8	9	0	9	12	9	1	6	5	0	1	5	4	6	3							
	21	1013.5	-	4.4	0.3	8.0	94	4.6	6	7	1	7	10	0	0	0	0	0	1	7	5	9	9	0	6	8	15	2	4	2	2	0	6	5	7	3							
Benbecula [Inverness-shire]																																											
7	3	1014.1	-	4.9	0.4	8.2	93	5.0	3	7	3	8	10	0	0	0	1	1	2	3	5	6	13	0	0	14	11	6	4	2	0	3	5	3	4	4							
	9	1014.0	+2.2	6.4	0.7	8.7	89	5.6	0	6	5	13	7	0	0	0	0	0	1	4	7	12	0	1	13	15	2	4	2	0	1	7	5	3	7								
	15	1013.6	-	7.4	1.0	8.8	85	6.0	0	2	7	13	9	0	0	0	0	0	1	6	4	9	11	0	1	15	13	2	5	2	2	1	8	2	5	4							
	21	1014.2	-	5.4	0.6	8.3	91	5.1	0	10	3	10	8	0	0	0	0	1	0	2	2	10	14	0	1	12	12	6	4	4	1	0	6	3	6	1							
1 SCOTLAND E																																											
Kinloss [Moray]																																											
6	3	1013.4	-	4.2	1.0	7.0	83	5.6	1	5	5	8	12	0	0	0	0	0	1	2	8	12	8	0	2	13	15	1	3	2	1	1	7	12	4	0							
	9	1013.5	+1.0	5.3	1.2	7.3	81	6.5	0	1	3	19	8	0	0	0	0	0	0	7	2	6	16	0	2	12	17	0	6	1	2	0	6	9	6	1							
	15	1013.0	-	7.6	2.2	7.4	71	6.5	0	2	3	15	11	0	0	0	0	0	0	3	7	4	17	0	2	15	14	0	8	4	1	0	5	4	6	3							
	21	1013.5	-	5.0	1.2	7.1	81	6.1	0	3	5	13	10	0	0	0	0	0	1	3	5	14	8	0	1	11	16	3	3	2	1	0	8	7	6	1							
Dyce [Aberdeenshire]																																											
59	3	1013.4	-	3.1	1.0	6.5	84	4.9	6	6	1	5	13	0	0	0	0	0	1	6	10	10	4	0	2	13	12	4	3	1	0	0	5	3	8	7							
	9	1013.6	0.0	4.4	1.2	6.9	82	6.4	0	4	2	15	10	0	0	0	1	2	2	9	7	4	6	0	0	20	9	2	5	1	0	1	7	4	3	8							
	15	1013.0	-	6.8	2.1	6.9	70	6.8	0	1	5	15	10	0	0	0	0	0	2	3	12	10	4	0	4	21	6	0	9	0	2	1	8	3	4	4							
	21	1013.6	-	3.9	1.0	6.8	83	5.7	3	3	4	10	11	0	0	0	0	0	1	7	11	7	4	0	1	11	17	2	5	1	0	0	6	6	5	6							
Fraserburgh [Aberdeenshire]																																											
22	3	1013.0	-	4.8	0.4	8.2	95	5.8	0	7	4	4	16	0	0	0	0	0	0	6	16	9	0	0	8	9	14	0	5	1	1	0	8	2	11	3							
	9	1013.1	0.0	4.9	0.3	8.3	95	6.3	0	2	6	12	11	0	0	0	0	0	2	7	10	12	0	1	5	14	10	1	6	1	1	0	9	2	8	3							
	15	1012.9	-	6.4	0.6	8.9	91	6.4	0	1	6	15	9	0	0	0	0	0	0	5	14	10	2	1	5	12	13	0	7	1	3	0	8	0	7	5							
	21	1013.1	-	5.1	0.4	8.3	94	5.9	0	6	3	9	18	0	0	0	0	0	1	5	17	8	0	0	7	11	12	1	9	0	1	2	8	3	6	1							
Usan [Angus]																																											
35	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
	9	1014.2	-	4.7	0.5	7.9	91	5.5	0	8	2	10	11	0	0	0	0	0	1	6	7	1	16	0	3	9	17	2	7	2	0	1	5	6	5	3							
	15	1013.5	-	7.2	1.1	8.6	85	6.1	0	3	6	14	8	0	0	0	0	0	1	5	4	7	14	1	4	14	12	0	9	1	1	2	8	4	5	1							
	21	1014.2	-	4.8	0.5	8.0	92	5.7	2	5	3	9	13	0	0	0	0	1	0	4	8	2	16	0	2	10	17	2	7	2	1	1	4	5	6	3							
Leuchars [Fife]																																											
12	3	1013.8	-	3.3	0.7	6.9	88	5.5	2	6	3	8	12	0	0	0	0	1	0	4	10	9	7	0	0	10	18	3	6	2	1	1	2	6	10	0							
	9	1013.9	+0.2	4.7	1.1	7.2	84	5.6	1	5	4	14	7	0	0	0	1	0	0	6	11	5	8	0	1	12	15	3	3	3	0	3	1	12	5	1							
	15	1013.1	-	7.7	2.1	7.5	71	6.2	0	2	6	15	8	0	0	0	0	0	1	3	3	13	11	0	3	13	15	0	6	2	4	4	2	6	7	4							
	21	1013.8	-	4.5	0.9	7.3	86	5.4	0	9	2	12	8	0	0	0	0	0	1	6	7	12	5	0	1	8	20	2	5	3	4	2	0	7	3	1							
Turnhouse [Midlothian]																																											
44	3	1014.5	-	3.2	0.7	6.9	88	5.2	3	5	6	4	13	0	0	0	0	1	0	6	12	10	2	0	0	10	13	8	2	2	3	0	1	5	9	1							
	9	1014.7	+0.7	4.5	0.9	7.3	85	6.4	0	2	5	15	9	0	0	0	0	1	7	9	10	3	1	0	0	13	11	7	3	1	3	0	1	8	8	0							
	15	1013.6	-	8.1	2.3	7.5	69	6.4	0	2	4	17	8	0	0	0	0	0	1	4	12	7	7	0	3	8	16	4	2	5	3	1	0	7	8	1							
	21	1014.4	-	4.7	0.9	7.4	85	6.7																																			

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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21	3	1014.7	-	3.1	0.6	7.0	90	5.5	3	2	7	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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 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	speed (kt)																		
																									8 or more	22-33	6,7	4,5									1-3	calm					
																																							speed (kt)				
																																							number of observations				
5 ENGLAND SE																																											
Heathrow [Greater London]																																											
26	3	1014.9	-	3.9	0.8	7.1	86	5.9	5	1	1	13	11	0	0	0	0	1	3	9	14	4	0	0	0	3	27	1	11	2	1	0	6	4	4	2							
	9	1015.7	-0.1	5.0	1.2	7.2	80	5.5	0	8	2	11	10	0	0	0	0	1	4	14	9	3	0	0	0	7	24	0	7	5	2	1	3	2	8	3							
	15	1014.9	-	8.3	2.9	6.8	61	6.5	0	2	5	12	12	0	0	0	0	0	8	12	9	2	0	0	13	18	0	7	2	2	1	3	5	7	4								
	21	1015.3	-	5.5	1.4	7.2	78	5.3	3	4	5	9	10	0	0	0	0	1	16	11	3	0	0	0	6	25	0	3	5	3	2	6	5	4	3								
Kew [Greater London] 14																																											
10	3	1015.6	-0.3	5.4	1.8	6.9	75	5.7	1	6	3	9	11	1	0	0	1	0	2	12	9	6	1	0	0	6	23	2	7	4	1	1	3	6	4	3							
	9	1015.7	-	8.1	3.4	6.5	59	6.6	0	2	3	14	12	0	0	0	0	7	11	12	1	0	0	10	21	0	6	2	4	0	4	5	5	5									
	15	1014.7	-	5.3	1.7	7.0	76	5.3	3	6	2	7	13	0	0	0	0	1	2	12	11	5	0	0	5	25	1	3	5	4	2	5	6	2	3								
Gatwick [Surrey]																																											
59	3	1015.1	-	2.8	0.6	6.8	88	6.3	4	1	2	4	20	0	0	0	2	4	11	12	1	0	0	0	3	21	7	7	3	1	0	5	3	3	2								
	9	1015.9	-	4.6	1.3	6.9	79	6.1	0	4	5	10	12	0	0	0	2	5	11	9	4	0	0	0	8	22	1	7	4	1	0	4	4	5	5								
	15	1015.0	-	7.9	2.9	6.6	61	5.9	1	1	8	15	6	0	0	0	0	1	11	10	8	1	0	0	15	16	0	7	3	3	0	4	5	6	3								
	21	1015.5	-	4.1	1.0	7.0	83	5.5	2	5	3	11	10	0	0	0	1	4	17	8	1	0	0	0	5	26	0	4	4	2	2	4	7	5	3								
Dungeness [Kent]																																											
7	3	1014.6	-	4.2	0.5	7.7	92	5.5	5	1	6	2	17	0	0	0	0	2	12	7	9	1	0	3	14	11	3	5	3	5	0	3	5	6	1								
	9	1015.2	-	5.0	0.6	7.9	90	4.9	3	5	7	7	9	0	0	0	1	0	10	13	7	0	0	4	13	10	4	4	3	2	1	4	4	4	5								
	15	1015.1	-	6.9	1.3	8.3	82	5.6	3	3	6	7	12	0	0	0	0	1	8	11	11	0	0	2	17	10	2	8	2	3	1	4	4	6	1								
	21	1015.0	-	5.3	0.6	8.2	91	5.5	7	2	1	6	15	0	0	0	0	1	11	4	14	1	0	4	12	13	2	6	6	1	3	2	3	7	1								
Deal [Kent]																																											
10	3	1014.8	-	4.5	0.7	7.5	87	5.9	4	3	1	7	16	0	0	0	1	0	4	10	12	3	1	0	2	14	13	2	6	2	3	0	5	4	7	2							
	9	1015.0	-	6.8	1.6	7.7	78	6.0	3	0	5	14	9	0	0	0	0	7	13	10	1	0	0	4	12	14	1	5	6	2	0	5	5	3	4								
	15	1015.3	-	5.4	0.8	7.9	88	5.5	5	1	3	10	12	0	0	0	0	1	1	14	12	3	0	0	4	10	16	1	4	5	3	2	3	4	8	1							
Manston [Kent]																																											
45	3	1014.7	-	3.7	0.6	7.2	89	6.1	2	4	2	8	15	0	0	0	1	4	10	8	6	2	0	3	13	15	0	7	3	3	1	5	6	5	1								
	9	1015.4	-	4.8	1.0	7.4	84	5.8	1	3	7	11	7	2	0	0	1	2	4	6	9	6	3	0	4	11	16	0	7	3	3	3	3	7	2								
	15	1014.9	-	6.7	1.7	7.5	75	5.9	1	3	5	17	5	0	0	0	0	4	8	8	7	4	0	2	15	12	2	7	3	2	1	4	5	4	3								
	21	1015.2	-	4.5	0.9	7.4	86	5.9	1	3	5	12	10	0	0	0	2	2	8	9	7	3	0	0	16	13	2	3	6	2	2	6	6	2	2								
Thorney Island [Sussex]																																											
4	3	1015.2	-	3.9	0.7	7.3	88	5.4	4	5	2	6	14	0	0	0	0	4	12	11	4	0	0	0	8	21	2	6	5	1	1	1	4	6	5								
	9	1015.9	-0.1	5.1	1.1	7.4	83	5.4	0	7	7	9	8	0	0	0	0	2	10	11	5	3	0	1	12	18	0	11	3	2	1	3	0	9	2								
	15	1015.2	-	7.9	2.3	7.5	69	5.9	0	3	7	15	6	0	0	0	0	1	6	11	10	3	0	1	15	15	0	6	3	2	2	6	3	6	3								
	21	1015.5	-	5.1	1.0	7.5	84	5.5	3	4	4	7	13	0	0	0	1	1	15	11	3	0	0	1	8	21	1	4	7	3	1	3	3	6	3								
Eastbourne Coastguard [Sussex]																																											
7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-									
Abingdon [Berkshire]																																											
71	3	1015.0	-	3.0	0.5	7.0	90	5.7	4	3	2	8	14	0	0	0	2	2	1	9	9	8	0	0	0	4	26	1	10	3	1	5	0	5	3	3							
	9	1015.8	+0.1	4.4	0.9	7.3	85	6.3	0	4	2	15	10	0	0	0	0	5	16	9	1	0	0	0	6	24	1	7	2	1	3	3	3	6	5								
	15	1014.8	-	7.7	2.7	6.7	64	6.3	0	1	7	13	10	0	0	0	0	0	9	12	8	2	0	0	14	17	0	5	3	2	3	4	3	7	4								
	21	1015.2	-	4.6	0.9	7.3	84	5.9	4	4	0	8	15	0	0	0	1	0	4	6	17	3	0	0	4	27	0	6	4	2	5	2	6	4	2								
Hurn [Hampshire]																																											
14	3	1015.0	-	3.3	0.7	7.0	88	5.7	6	1	2	7	14	1	0	0	1	0	5	7	11	6	0	0	0	4	23	4	10	3	0	0	4	1	6	3							
	9	1015.9	+0.2	4.9	1.2	7.2	82	5.5	1	6	5	7	11	1	0	0	1	2	16	7	3	1	0	0	8	22	1	10	3	2	0	3	2	8	2								
	15	1015.0	-	8.0	2.6	7.0	65	5.7	0	3	9	13	6	0	0	0	0	3	9	6	13	0	0	0	12	19	0	9	4	1	1	8	3	4	1								
	21	1015.3	-	4.8	1.0	7.4	84	5.0	5	3	6	5	12	0	0	0	1	8	11	8	3	0	0	0	4	23	4	4	3	2	2	3	5	5	3								
South Farnborough [Hampshire]																																											
70	3	1015.0	-	3.3	0.7	7.0	88	6.2	2	5	0	7	17	0	0	0	1	3	8	13	5	1	0	0	3	23	5	8	1	0	2	4	6	3	2								
	9	1015.8	-0.1	4.8	1.1	7.2	82	5.9	0	5	4	14	8	0	0	0	1	0	3	8	10	3	6	0	0	22	2	6	4	1	1	3	3	6	5								
	15	1014.9	-	8.1	2.8	6.9	63	6.3	0	3	4	15	9	0	0	0	0	0	6	8	7	10	0	0	14	17	0	5	5	1	1	3	4	7	5								
Lyneham [Wiltshire]																																											
149	3	1015.3	-	2.8	0.4	7.0	91	6.0	2	2	5	8	14	0	0	0	2	1	4	7	11	5	0	0	7	23	1	8	2	1	1	6	4	4	4								
	9	1016.1	+0.3	3.8	0.8	7.1	87	6.4	0	4	3	10	14	0	0	0	0	2	3	14	10	2	0	0	10	20	1	9	2	1	1	3	5	6	3								
	15	1015.1	-	7.0	2.2	7.0	89	6.4	0	1	6	12	12	0	0	0	0	2	5	12	8	4	0	0	16	15	0	7	3	1	1	4	3	7	5								
	21	1015.4	-	4.3	0.9	7.3	86	6.2	1	3	6	6	15	0	0	0	2	0	0	13	10	5	1	0	7	24	0	3	9	1	1	6	6	2	3								
Boscombe Down [Wiltshire]																																											
128	3	1015.1	-	2.8	0.4	7.2	94	5.2	5	3	4	8	10	1	0	0	2	1	0	4	7	17	0	0	0	10	18	3	6	5	3	0	6	0	7	1							
	9	1015.9	0.0	4.0	0.8	7.2	87	6.1	0	7	0	12	12	0	0	0	0	2	4	15	7	3	0	0	2	9	19	1	7	5	1	1	4	1	6	5							
	15	1014.9	-	7.4	2.3	7.0	68	6.5	0	2	5	16	8	0	0	0	0	7	7	11	10	3	0	1	16	14	0	4	7	3	0	6	2	3	6								
	21	1015.3	-	4.3	0.8	7.3	87	5.5	0	8	3	10	9	1	0	0	1	1	5	6	16	2	0	0	11	20	0	6	8	0	2	5	4	5	1								
Upavon [Wiltshire]																																											
177	9	1016.1	-	3.6	0.6	7.2	90	6.2	0	7	0	10	14	0	0	0	1	2	2	19	4	2	1	0	2	3	25	1	11	2	1	1	4										

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	34 or more	22-33	11-21	1-10									0	calm	
																																							speed (kt)
8a SOUTH WALES																																							
Aberporth [Cardiganshire]																																							
134	3	1015.2	-	4.6	0.8	7.5	87	5.3	3	6	4	4	13	1	0	0	0	1	0	6	14	8	1	0	4	17	8	2	4	1	3	4	6	2	3	6			
	9	1015.9	+1.6	5.1	0.9	7.7	86	6.8	0	2	2	14	13	0	0	0	0	0	0	4	9	10	5	3	0	2	12	17	0	4	4	4	7	4	5	2			
	15	1015.1	-	6.5	1.4	7.7	79	6.6	1	2	2	12	14	0	0	0	0	0	0	2	8	8	10	3	0	3	18	10	0	6	3	2	1	4	2	8	5		
	21	1014.9	-	5.2	0.8	7.8	87	6.0	3	8	2	10	13	0	0	0	0	0	0	2	8	12	8	1	0	4	16	10	1	6	1	6	5	4	2	5	5		
Milford Haven Conservancy Board [Pembrokeshire]																																							
39	3	1015.7	-	5.6	0.7	8.2	88	5.0	7	1	5	4	13	1	0	0	1	0	1	10	17	2	0	0	1	8	21	1	5	5	2	1	4	1	4	8			
	9	1016.4	+2.0	6.1	0.8	8.4	87	6.2	1	1	7	10	12	0	0	0	0	0	1	17	11	2	0	0	1	11	16	3	7	4	4	0	3	4	3	5			
	15	1015.8	-	7.9	1.3	8.9	82	6.9	0	0	7	7	17	0	0	0	0	0	1	14	15	1	0	0	3	13	12	3	5	2	1	3	6	3	5	5			
	21	1015.3	-	6.4	0.8	8.5	87	6.0	3	2	4	8	14	0	1	0	0	0	1	0	13	15	1	0	0	2	8	20	1	8	1	2	3	1	5	7	4		
Brynamman [Carmarthenshire]																																							
-	9	-	-	4.2	0.6	7.6	90	5.8	0	4	7	9	11	0	0	0	1	0	2	5	15	5	3	0	0	0	2	20	9	2	5	1	3	1	3	6			
	15	-	-	6.9	1.3	8.1	81	7.0	0	1	3	13	14	0	0	0	0	0	3	5	6	3	13	1	0	0	5	23	3	2	6	2	2	3	5	6			
	21	-	-	4.6	0.5	7.9	93	6.9	1	3	0	6	19	2	0	1	1	0	0	5	14	10	0	0	0	2	25	4	0	6	0	2	1	3	7	8			
Mumbles [Glamorgan]																																							
37	3	1015.0	-	5.3	0.9	7.8	86	5.7	2	5	3	7	14	0	0	0	0	0	0	4	13	13	1	0	3	12	14	2	4	2	6	0	4	1	7	5			
	9	1015.8	-	5.9	1.0	7.9	83	5.9	1	2	7	11	10	0	0	0	0	0	3	17	8	3	0	0	1	8	20	2	7	2	6	2	3	2	6	1			
	15	1014.9	-	7.4	1.6	8.0	78	6.6	1	0	6	10	14	0	0	0	0	0	1	2	11	8	8	1	0	2	17	12	0	3	3	0	6	6	8	2			
	21	1014.8	-	6.0	0.9	8.1	85	6.5	1	4	2	4	19	1	0	0	0	1	0	0	9	12	9	0	0	4	12	14	1	6	1	5	1	3	3	9	2		
Rhoose [Glamorgan]																																							
69	3	1015.2	-	4.1	0.7	7.3	88	6.0	1	4	5	4	17	0	0	0	0	0	1	3	4	17	5	1	0	1	7	23	0	3	6	5	3	1	3	6	4		
	9	1016.1	+0.6	4.9	1.1	7.3	82	5.7	0	4	7	12	8	0	0	0	0	0	4	9	13	4	1	0	1	10	20	0	2	8	2	5	1	0	9	4			
	15	1015.1	-	7.3	2.0	7.4	72	6.3	1	1	7	11	11	0	0	0	0	0	3	4	15	7	2	0	0	16	15	0	2	6	3	4	2	3	10	1			
	21	1015.2	-	5.0	0.9	7.6	85	5.7	2	4	5	7	13	0	0	0	0	2	0	11	11	4	3	0	0	7	22	2	4	5	1	2	2	3	10	2			
8b ENGLAND SW																																							
Yeovilton [Somerset]																																							
23	3	1015.5	-	3.9	0.8	7.2	87	5.9	2	3	5	6	15	0	0	0	0	1	1	11	18	0	0	0	0	6	19	6	8	3	1	0	4	3	3	3			
	9	1016.3	-	5.0	1.3	7.1	79	6.3	0	5	2	11	13	0	0	0	0	1	1	7	16	6	0	0	0	1	10	16	4	6	4	0	3	6	1	6	1		
	15	1015.5	-	8.3	2.6	7.3	67	6.3	0	1	7	13	10	0	0	0	0	0	4	12	14	1	0	0	2	11	18	0	2	5	3	1	6	2	5	7			
	21	1015.5	-	5.5	1.2	7.5	81	5.2	4	4	5	7	11	0	0	0	0	0	2	5	19	5	0	0	0	1	7	18	5	3	5	1	1	4	6	3	3		
Portland Bill [Dorset]																																							
54	3	1014.8	-	4.7	0.5	7.9	91	5.5	3	6	5	14	0	0	0	0	0	0	3	17	7	4	0	0	1	17	11	2	6	5	4	0	2	3	7	2			
	9	1015.7	-	5.3	0.9	7.9	87	5.5	1	6	4	10	10	0	0	0	0	3	1	14	8	5	0	0	1	17	13	0	3	9	4	1	2	1	7	4			
	15	1015.1	-	7.3	1.4	8.3	80	5.8	1	3	6	13	7	1	0	0	1	2	2	12	9	5	0	0	2	13	15	1	4	2	5	2	2	4	8	3			
	21	1015.1	-	5.7	0.7	8.3	89	5.2	4	6	2	5	13	1	0	0	1	0	1	1	19	5	4	0	0	3	13	13	2	7	4	5	1	2	3	5	2		
Hartland Point [Devon]																																							
93	3	1015.6	-	5.4	1.0	7.7	84	6.1	2	1	6	8	14	0	0	0	0	0	0	4	20	7	0	0	2	22	7	0	5	5	5	1	4	3	3	5			
	9	1016.4	-	5.5	0.9	7.9	85	6.1	1	1	7	15	6	1	0	1	0	0	2	0	3	20	5	0	1	1	18	11	0	4	7	3	3	2	5	4	3		
	15	1015.9	-	6.5	1.1	8.1	83	6.2	1	1	7	11	11	0	0	0	0	0	1	4	17	8	1	0	5	14	10	2	4	8	2	0	2	1	9	3			
	21	1015.7	-	6.1	0.9	8.2	86	6.4	0	2	6	8	13	2	0	2	0	0	0	5	15	9	0	1	6	15	7	2	6	4	3	1	4	2	8	1			
Mount Batten [Devon]																																							
30	3	1015.7	-	5.0	0.6	8.0	90	5.6	3	4	4	6	14	0	0	0	0	0	0	6	22	3	0	0	0	7	20	4	7	5	3	1	2	3	4	2			
	9	1016.5	+1.4	5.6	0.9	8.0	86	6.0	1	3	5	12	10	0	0	0	0	1	4	15	6	4	1	0	1	5	22	3	7	7	5	1	2	2	2	2			
	15	1015.6	-	8.2	1.9	8.1	74	6.0	1	3	6	12	9	0	0	0	0	0	7	10	9	1	0	0	16	15	0	7	3	4	2	2	5	4	4	4			
	21	1015.9	-	5.9	0.8	8.2	86	5.3	3	4	5	7	12	0	0	0	0	0	2	14	14	1	0	0	2	8	19	2	9	4	1	1	2	3	4	5			
Chivenor [Devon]																																							
7	3	1015.5	-	5.1	0.9	7.7	85	5.9	3	2	4	9	13	0	0	0	0	0	1	8	15	5	2	0	2	10	18	1	4	1	11	1	2	0	5	3			
	9	1016.3	+1.4	6.1	1.3	7.7	80	5.9	0	3	8	16	4	0	0	0	0	0	2	4	13	10	2	0	0	8	20	3	4	4	9	2	1	1	3	4			
	15	1015.5	-	8.2	2.1	7.8	71	6.0	0	2	7	14	8	0	0	0	0	0	3	2	10	12	4	0	0	16	14	1	5	5	3	0	4	3	7	3			
	21	1015.5	-	6.1	1.1	8.0	84	6.2	1	1	6	12	11	0	0	0	0	0	3	7	8	11	2	0	0	11	17	3	5	3	6	2	2	4	4	2			
Exeter [Devon]																																							
38	3	1015.4	-	4.2	0.8	7.4	87	6.2	3	3	2	4	19	0	1	0	2	0	0	8	11	7	2	0	0	8	12	11	5	1	0	1	4	2	2	5			
	9	1016.4	+0.9	5.1	1.1	7.4	83	6.2	0	4	4	12	11	0	0	0	1	1	2	6	10	6	5	0	0	12	13	6	4	7	0	1	6	2	1	4			
	15	1015.3	-	8.3	2.4	7.5	68	6.4	0	2	7	11	11	0	0	0	0	0	2	5	9	8	7	0	4	15	12	0	7	3	1	3	4	3	4	6			
	21	1015.6	-	5.3	1.0	7.6	84	6.0	2	4	3	7	15	0	0	0	0	0	4	5	11	8	3	0	0	9	18	4	3	4	0	2	6	2	3	7			
Scilly [Cornwall]																																							
61	3	1016.1	-	6.7	0.9	8.6	86	4.9	2	9	5	3	11	1	0	0	1	0	0	7	11	7	5	0	3	14	10	4	6	6	3	1	2	1	4	4			
	9	1016.8	+2.9	7.1	1.2	8.4	83	6.0	0	5	4	14	8	0	0	0	0	0	1	9	13	7	1	1	4	12	13	1	8	2	8	0	2	3	5	2			
	15	1016.4	-	8.3	1.5	8.8	79	6.0	0	1	10	10	10	0	0	0	0	1	1	9	11	7	2	0	4	11	13	3	5	5	4	0	1	3	3	7			
	21	1016.4	-	6.9	1.1	8.5	84	4.8	1	6	12	3	9	0	0	0	0	0	4	6	11	6	4	0	4	14	9	4	5	6	3	0	1	2	5	5			
St Mawgan [Cornwall]																																							
107	3	1015.9																																					

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

MARCH 1971

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

Table 6 Summary of autographic records of wind

MARCH 1971

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				year from N	month (kt)	hour ended at		year from N	month (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table 6 Summary of autographic records of wind

MARCH 1971

District, county and place			height of vane (metres)			distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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						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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[illegible]

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					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					
																																						34 or more	22-33	11-21	1-10	0
number of observations																																										
NORTHERN IRELAND																																										
Ballykelly (Londonderry)																																										
3	3	1015.4	-	4.7	0.8	7.6	87	5.2	4	4	5	7	11	0	0	0	0	0	0	0	0	2	12	15	2	0	2	9	13	7	5	0	2	3	1	5	7	1				
	9	1015.6	+2.7	6.1	0.9	8.2	87	5.9	0	4	6	11	10	0	0	0	0	0	0	0	1	6	7	12	5	0	2	9	16	4	3	3	1	5	1	4	9	1				
	15	1014.8	-	8.6	1.8	8.4	75	6.2	0	3	5	15	8	0	0	0	0	0	0	0	1	2	5	15	8	0	4	14	12	1	7	2	0	3	5	2	8	3				
	21	1015.5	-	8.0	1.0	8.0	85	5.5	2	3	9	10	7	0	0	0	0	0	1	0	1	1	12	13	4	0	2	13	10	6	6	3	0	2	3	2	8	1				

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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

APRIL

VOLUME 88

1971

NUMBER 4

Mainly dull, cold and dry; widespread heavy rain on the 23rd

Relatively high pressure predominated in most districts during the first half of the month and an anticyclone drifted slowly eastwards across the British Isles from the 9th to 13th. Thereafter troughs of low pressure, mostly weak except around the 23rd, affected many areas until anticyclonic weather returned on the 27th.

Weather

Easterly winds, which were especially persistent during the first fortnight, led to a cold and dull month, particularly in the east. It was generally dry for the first half of the month and some areas in the south remained almost dry for a further week. From the 22nd to 25th rain fell in most areas, especially on the 23rd, and a brief heavy snowfall occurred in south Wales and the West Country on the 26th. Mainly dry weather returned for the last few days.

Wind

The number of days with gale-force winds was generally below average in western areas and about average elsewhere. During the first 15 days winds were mainly from an easterly direction and they were often strong on the east coast of England. On the 16th gales occurred locally in north and west Scotland and they returned to Scotland on the 18th when a gust of 67 kt was recorded at Lerwick (Shetland).

Temperature

The month was colder than average in most districts, especially in eastern England by day, and ground frost at night was a frequent occurrence in Scotland. Monthly mean temperature ranged from a little over 1 degC below average in a few areas in England, mostly in the east, to just above average in parts of Scotland and north-west England. East winds kept areas near the North Sea coast cold during the first half of the month and air frost occurred in Scotland, although it was mostly slight. The next 7 days were warmer than average generally but again eastern areas were cold. On the 22nd most inland areas became very warm and the temperature at Santon Downham (Norfolk) reached 22.9°C. However, cold weather soon returned and by the 26th some areas in southern England were very cold and night air frost was widespread for the remainder of the month.

Rainfall

Rainfall (including melted snow) was below average over large regions of Scotland and England and in much of Wales. Less than half the average occurred in parts of Cornwall, East Anglia, northern England and southern Scotland, and also over most of the Scottish mainland north-west of a line from Oban to Nairn. Rainfall was below 25 per cent of average near Loch Linnhe

and around the Moray Firth; the town of Nairn had its driest April (8 mm) since records began in 1866 and at one or two other places in Scotland it was the driest April for over 30 years. Farther south, Lowestoft (Suffolk) recorded its lowest April rainfall (16.4 mm) since 1957. In contrast to these areas, parts of Co. Down received more than twice the average rainfall. Although the 9th was wet in southern England, very little rain fell anywhere during the first fortnight and mainly dry weather continued in the south for another week. It was again mainly dry during the last few days. In addition to the dry spells, the other notable feature of the month was the widespread heavy rainfall on the 23rd. During the period 22nd to 24th a slow-moving complex trough of low pressure over the country deepened. Throughout the 23rd and at first on the 24th all areas, except parts of extreme south-west England and north Scotland, had continuous rain which was occasionally heavy and, in places, thundery. The 24-hour period commencing at 09 GMT on the 23rd was remarkable more for the geographic extent of heavy rainfall than for notably large individual amounts. Nevertheless, there were several falls in excess of 50 mm and a number of places had their wettest April day on record, including a 'daily' fall of 40.9 mm at Watnall (Nottinghamshire), where records began in 1941.

Snow

Snow or sleet (rain or drizzle and snow) occurred on fewer days than average in most areas and amounts were generally small. Snow fell on high ground in Scotland, northern England and north Wales on the first few days and snow

occurred more widely in the north on the 16th and 17th but it settled to any extent only at the highest altitudes. On the 26th snow fell in south Wales and the West Country and sleet occurred in many parts of southern England; snow depths of 5-10 cm were reported in the west but the snow soon melted on low ground, and snow settled briefly on the hills in south-east England.

Sunshine

Sunshine totals were below average nearly everywhere. The greatest deficits occurred in the Midlands and eastern England. Only 70 hours of sunshine were recorded at Sheffield (West Riding of Yorkshire) — the lowest here in April since 1920 — and, in the same county, Huddersfield had its dullest April since 1941. Some places in north and west Scotland had their lowest April sunshine totals for over 20 years, for example Wick (Caithness) since records began in 1945. One or two areas in Scotland and a solitary station in southern England had slightly more sunshine than average.

Fog

Hill and coastal fog patches occurred in eastern England during the first week and again from the 11th to 16th. On the 19th sea fog affected the English Channel coast and on the following night dense fog patches formed widely in southern England. Hill fog was widespread on the 23rd and sea fog affected coasts, mainly in the south.

Miscellaneous phenomena

Observers in Scotland saw the aurora on 4 nights.

Table 1 District Values

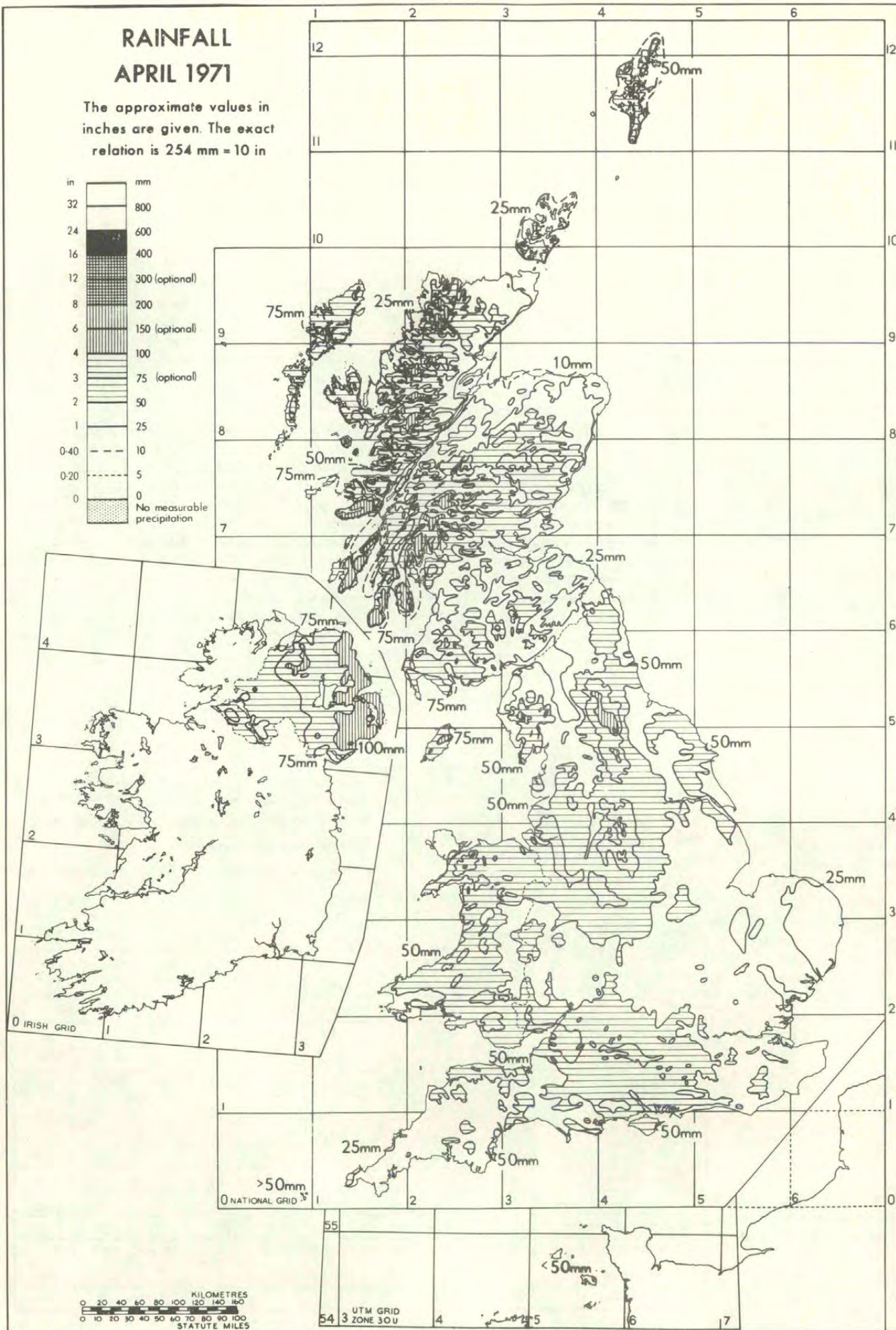
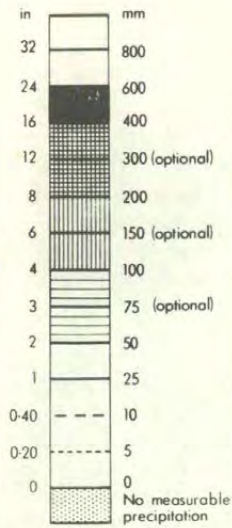
April, 1971

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	Highest Max. °	Lowest Min. °	max.	min.	mean				
	difference from average								
0 Scotland N	17.2	-2.3	+0.5	-0.7	-0.1	--	--4	52	98
1 Scotland E	17.3	-0.8	-0.4	+0.2	-0.1	+0.7	--3	79	96
2 England N E	20.6	-4.4	-1.7	0.0	-0.9	+0.4	--5	105	73
3 England E	22.7	-1.3	-1.8	0.0	-0.9	-0.4	--6	63	74
4 Midlands	21.2	-1.7	-1.3	-0.2	-0.8	0.0	--7	106	68
5 England S E	21.8	-2.5	-1.6	-0.3	-0.9	-0.4	--6	100	81
6 Scotland W	18.3	-4.7	+0.3	-0.3	0.0	+0.5	-6	69	103
7 Eng NW - Wales N	19.5	-2.6	+0.2	0.0	+0.1	+0.1	--6	83	87
8 Eng SW - Wales S	20.4	-2.0	-1.2	-0.7	-0.9	-0.5	--5	81	78
N Ireland	17.8	-2.6	-0.3	-0.7	-0.5	—	-6	146	92
Scotland	18.3	-4.7	+0.1	-0.3	-0.1	—	--4	67	99
Eng - Wales	22.7	-4.4	-1.2	-0.2	-0.7	—	-6	91	77

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

RAINFALL APRIL 1971

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



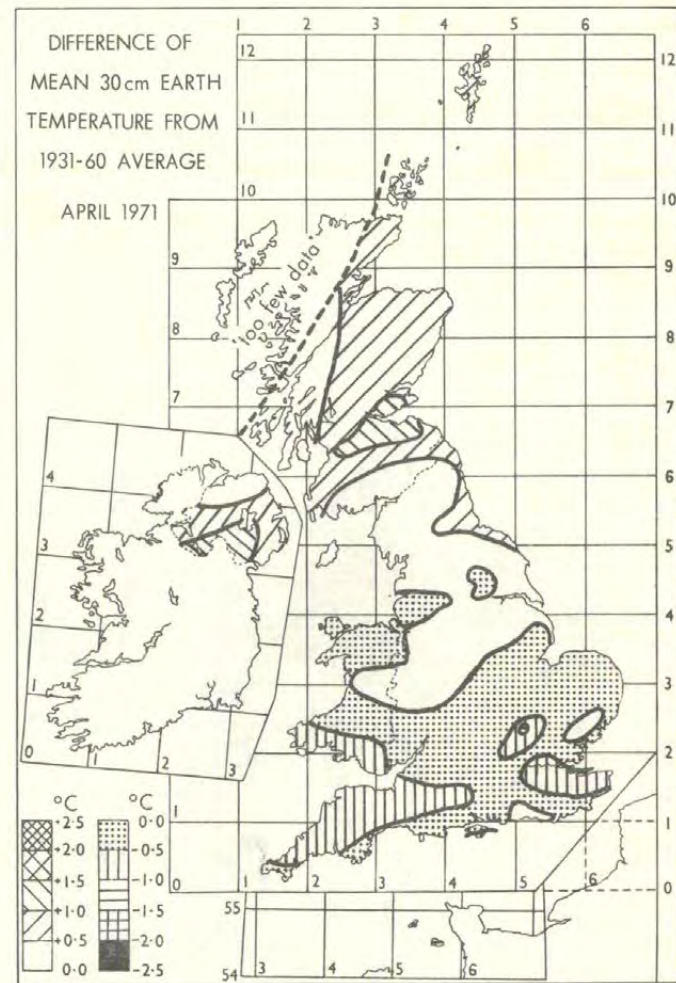
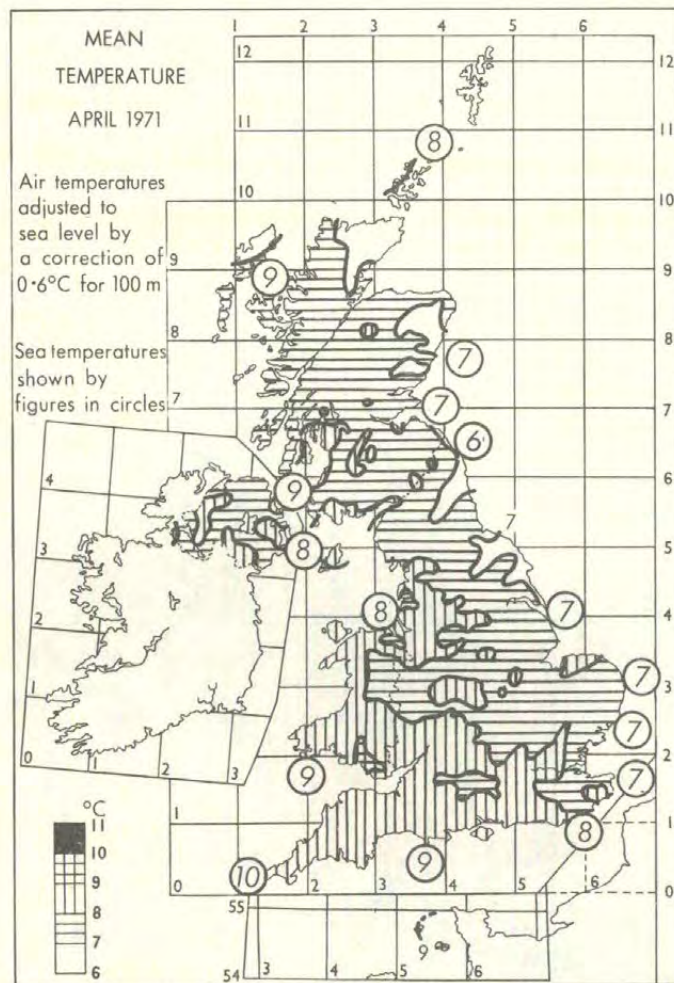
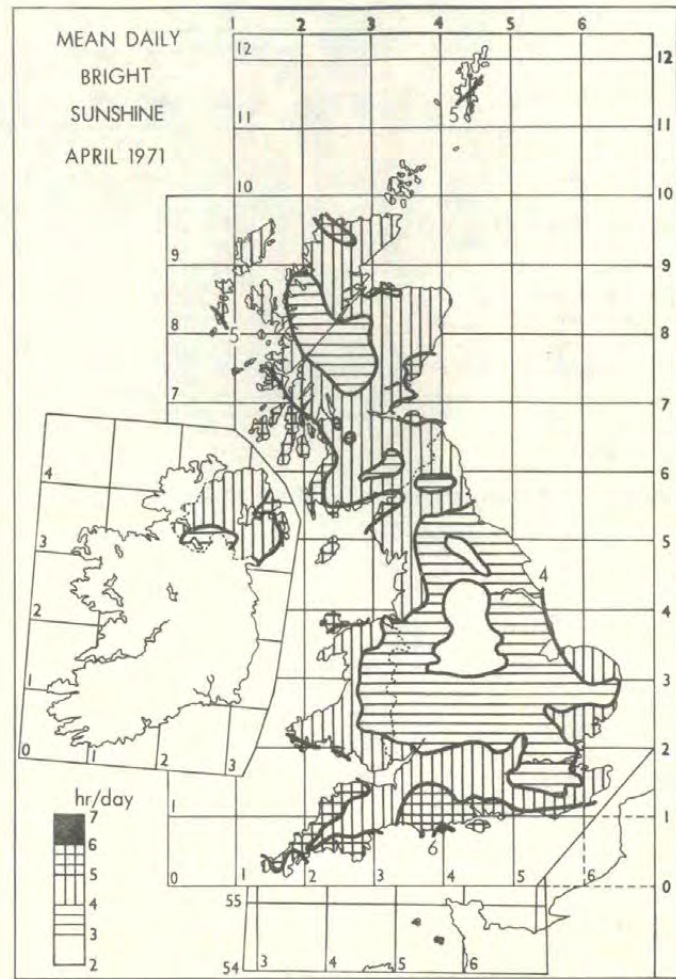
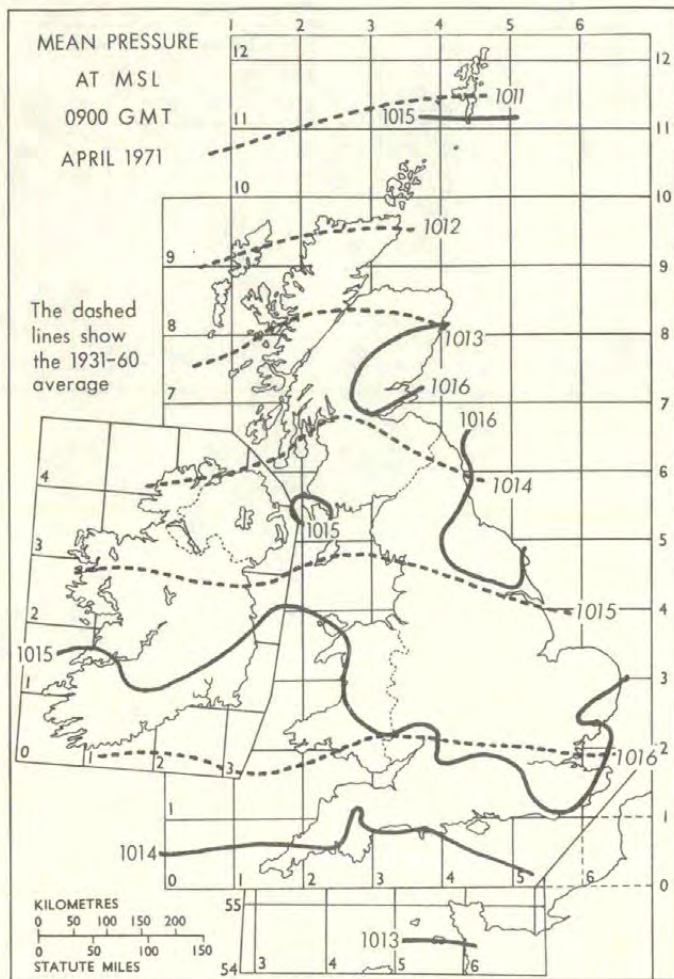


Table 2 Solar radiation and illumination

APRIL

1971

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	556	29	44	6	345.4	30	305	24	44	6	210.3	30	615	29	33	6	368.4	30
Eskdalemuir	549	9	49	24	304.3	30	299	28	49	24	196.2	30	658	9	66	24	370.4	30
Cambridge Meteorological Research Unit ..																		
London Weather Centre	588	17	52	6	263.5	30	305	30	48	6	150.9	30	723	17	65	6	323.7	30
Kew	550	17	59	5	272.9	30	326	30	59	5	167.2	30	713	12	84	5	354.1	30
Easthampstead ¹	610	28	60	5	288.1	30	312	30	60	5	176.6	30	656	21	110	5	357.2	30
Aberporth	688	28	36	23	370.9	30	343	19	35	23	195.9	30	-	-	-	-	-	-
Aldergrove	544	25	50	24	322.7	30	409	21	37	23	209.7	30	-	-	-	-	-	-
Jersey Airport	706	24	59	23	422.9	30	324	18	55	23	213.6	30	721	24	67	23	443.0	30

¹ Formerly listed as Bracknell; the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

Table 3 Summary of daily observations

For meaning of symbols ¶ § § used below see Notes in the Introduction.

APRIL, 1971

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more 1.0mm or more	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

APRIL

1971

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more														
1 SCOTLAND E — continued																																
Aberdeen — continued																																
Inverurie Sewage Works	99	54	10.6	2.2	6.4	-	15.4	11	-2.2	10	-	-	36	-	23	23	9	7	1	0	0	0	2	0	0	8	16	-	0	4.41	-	-
Fyvie Castle	99	66	10.5	0.9	5.7	-	15.0	11,21	-2.8	14,25	-	-	39	67	17	23	14	10	2	0	1	0	0	-	11	14	-	1	4.50	-	-	
Craibstone	¶ § ±	99	9.1	2.8	6.2	-0.3	15.0	11	-0.8	17	6.6	5.9	41	73	18	23	15	9	5	0	1	0	0	0	2	16	-	1	4.16	85	-	
Dyce	21-9	58	10.1	2.7	6.4	-0.2	15.4	11	-1.1	10	-	-	40	69	18	23	12	8	4	0	0	5	0	0	3	17	8	0	4.57	-	-	
Aberdeen	99	52	9.6	3.2	6.4	-0.6	14.9	19	-0.4	17	-	-	38	68	16	23	13	9	0	0	0	0	0	0	1	13	-	0	4.63	96	-	
Fraserburgh	21-9	18	9.2	4.8	7.0	-	12.8	10	1.8	1	-	-	15	-	4	26	10	5	1	0	2	0	0	0	0	0	0	0	3	4.91	-	-
Kincardine																																
Fettercairn	99	171	9.7	2.3	6.0	-0.1	14.0	20	-1.3	17	-	-	58	90	34	23	13	7	1	0	0	0	0	0	2	23	-	1	4.59	-	-	
Strachan	99	120	10.3	1.2	5.7	-	16.1	11	-2.8	10	5.9	-	48	-	31	23	10	6	1	0	0	0	0	0	12	17	-	0	4.62	-	-	
Banchory	99	77	11.0	2.5	6.7	-	17.3	11	-1.1	28	-	-	47	-	32	23	11	5	3	0	0	4	0	0	4	14	-	0	-	-	-	
Stonehaven	99	4	10.0	3.1	6.5	-0.6	14.4	19	-0.6	17,20,28	-	-	31	62	17	23	7	4	0	0	0	0	0	0	3	-	-	0	3.95	81	-	
Angus																																
Mylnfield	¶	99	30	10.9	3.6	7.3	-	17.2	15	0.9	17,28	7.3	6.7	63	154	38	23	10	8	0	0	0	0	0	0	13	-	0	4.88	-	-	
Dundee	¶	99	45	11.1	4.1	7.6	+0.2	15.7	15	1.3	17	8.1	-	65	147	43	23	11	5	0	0	2	1	1	0	0	14	-	0	4.82	-	-
Glamis Castle	99	61	10.8	1.9	6.3	-	16.1	15	-1.7	25	-	-	71	151	49	23	14	6	2	0	1	0	0	0	4	19	-	1	-	-	-	
Whitehills	99	258	10.3	1.0	5.7	-	15.8	21	-2.2	28	-	-	70	99	46	23	13	9	3	0	0	2	0	0	12	21	-	0	-	-	-	
Buddon Ness	99	5	10.3	2.1	6.2	-0.5	14.9	20	-2.7	9	-	-	53	120	31	23	12	8	0	-	1	0	0	0	9	-	0	-	-	-	-	
Carnoustie	99	9	10.7	3.7	7.2	-	14.4	20	1.3	29	8.6	-	45	100	31	23	9	5	0	0	1	0	0	1	0	-	0	5.47	-	-	-	
Arbroath	§	99	28	9.9	4.0	-0.4	14.3	19	0.6	17	-	-	36	92	18	23	7	5	0	0	0	0	0	1	0	12	-	0	5.68	103	-	
Usan	21-9	30	9.4	4.1	6.7	-	14.6	19	0.7	17	-	-	33	-	17	23	8	7	0	0	0	1	0	1	0	2	1	0	5.48	-	-	
Montrose	99	57	9.9	3.6	6.7	-	14.4	20	0.9	26,28	-	-	39	82	20	23	9	6	1	0	0	2	0	1	0	10	-	0	-	-	-	
Perth																																
Aberfoyle	99	27	12.4	1.3	6.9	-	17.8	11,22,21	-3.3	17,28	-	-	55	-	36	23	10	8	0	-	0	0	0	-	10	17	-	0	-	-	-	
Dall	99	232	10.9	0.4	5.7	-	17.2	12	-4.8	28	-	-	38	-	10	23	22	12	4	0	0	1	0	1	17	22	-	2	-	-	-	
Callander	99	107	11.8	2.1	6.9	-	17.8	11	-1.7	17,28	-	-	90	-	66	23	12	7	0	0	0	0	0	0	7	16	-	0	-	-	-	
Ardtalnaig	99	130	11.7	2.4	7.1	-	17.8	14	-1.2	28	-	-	54	69	37	23	13	8	1	0	0	0	0	2	17	-	0	-	-	-	-	
Drummond Castle	99	113	10.9	2.0	6.5	-	17.6	11	-1.5	17	7.9	-	65	-	43	23	13	7	0	0	0	0	0	-	5	16	-	0	-	-	-	
Gleneagles	99	152	10.7	1.2	5.9	-	16.4	11	-2.8	14	-	-	60	98	37	23	12	7	2	-	2	0	0	2	8	17	-	0	4.44	-	-	
Fowls Wester	99	140	11.1	2.5	6.8	-	17.3	11	-1.6	17	7.5	-	59	-	43	23	8	7	0	0	0	0	0	3	4	9	-	0	4.31	-	-	
Pitlochry	99	144	11.2	1.7	6.5	-	16.7	11	-2.8	25	-	-	41	87	30	23	11	4	0	0	0	0	0	0	4	14	-	0	3.58	-	-	
Faskally	99	94	11.8	2.1	6.9	-	17.8	11	-2.2	25	7.3	6.9	48	92	34	23	11	6	0	0	0	0	0	0	4	20	-	0	-	-	-	
Ashintully Castle	99	341	10.2	0.7	5.5	-	16.7	11	-3.4	28	-	-	54	-	41	23	7	5	1	0	0	0	0	1	12	20	-	0	-	-	-	
Strathallan	99	41	11.7	3.0	7.3	-	17.2	11,15	-0.7	14	-	-	69	-	57	23	11	6	0	0	0	3	0	0	3	14	-	1	-	-	-	
Perth	99	23	12.1	3.1	7.6	-0.1	18.7	13	-0.4	14	-	-	59	133	49	23	10	5	0	0	0	0	0	0	2	9	-	0	4.51	92	-	
Blairstown	99	70	11.1	2.3	6.7	-	16.7	11	-1.1	20	7.4	-	50	121	32	23	12	7	-	-	-	-	-	4	24	-	-	4.63	-	-	-	
Kinross																																
Kinross	99	113	10.7	2.2	6.5	-	16.8	21	-1.7	14	7.6	-	60	-	45	23	11	8	-	0	-	-	-	-	4	15	-	-	4.56	-	-	-
Fife																																
Pitreavie	99	40	10.9	3.8	7.3	-	17.4	15	0.5	17	-	-	43	-	34	23	9	5	1	0	1	1	0	2	0	19	6	1	-	-	-	-
Kirkcaldy	99	32	10.8	2.9	6.9	-0.6	17.4	15	-0.3	14	-	-	40	95	28	23	13	6	0	0	2	0	0	0	1	14	-	0	4.98	-	-	-
Cupar	99	25	11.3	3.0	7.1	-	17.2	15	-1.1	14	7.9	-	37	91	25	23	9	5	1	0	2	0	0	0	1	13	-	0	4.42	-	-	-
Leuchars	21-9	10	10.6	3.2	6.9	-0.7	17.3	15	-0.2	14,21	-	-	59	152	33	23	13	7	0	0	4	0	0	0	2	14	10	0	5.01	93	-	-
St Andrews	99	18	10.6	4.1	7.3	-	15.9	15	0.9	14,17	8.1	7.6	43	-	30	23	10	4	-	0	-	-	-	0	0	9	-	-	4.82	90	-	-
West Lothian																																
Livingston	99	125	11.2	1.9	6.5	-	17.8	21	-1.7	14,28	-	-	26	-	16	23	11	6	-	-	-	-	1	7	18	-	-	-	-	-	-	-
Midlothian																																
Turnhouse	21-9	35	11.3	3.3	7.3	0.0	17.5	15	-1.3	28	-	-	29	72	19	23	13	4	0	0	0	2	0	0	2	16	8	1	4.46	-	-	-
Edinburgh																																
East Craigs	99	61	10.9	3.4	7.1	-	16.9	15	-0.2	28	8.0	-	25	62	17	23	11	3	0	0	0	0	0	1	1	13	-	0	5.02	-	-	-
Penicuik	99	189	10.9	1.8	6.3	-0.4	17.2	21	-1.7	1,28	7.6	-	26	47	15	23	12	4	2	0	0	1	0	2	8	15	-	1	4.46	-	-	-
Bush House	99	184	10.2	2.3	6.3	-	17.2	21	-2.2	28	7.2	6.5	31	54	14	23	13	8	1	0	1	0	0	2	6	13	-	1	4.77	-	-	-
Edinburgh																	</															

Table 3 Summary of daily observations

For meaning of symbols 1 5 & S used below see Notes in the Introduction.

APRIL 1971

District, county and place	max. temp. 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'n		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	0.2mm or more	1.0mm or more															
6a SCOTLAND W — continued																																	
Argyll — continued																																	
Campbeltown ...	99	12	11.3	4.5	7.9	-	15.6	21	0.6	4	-	-	117	-	53	23	10	9	-	0	-	-	-	-	3	0	-	-	-	-	5.65	-	-
Achaglachgach ...	99	12	11.8	2.4	7.1	-	16.7	12	-1.7	17, 28	-	-	79	83	37	23	14	7	-	-	-	-	-	-	0	6	14	-	-	-	-	-	-
Knapdale Forest ...	99	40	11.3	2.7	7.0	-	16.6	12	-1.7	28	-	-	74	-	30	23	15	7	0	0	0	0	0	0	0	5	19	-	0	-	-	-	
Glenbranter ...	99	24	11.8	2.3	7.1	-	17.2	12	-1.7	28	-	-	100	-	48	23	13	8	0	0	0	0	0	0	0	6	18	-	0	-	-	-	
Glen Etive ...	99	24	12.5	2.4	7.5	-	19.4	12	-3.8	28	-	-	69	-	29	17	14	9	1	0	0	1	0	-	5	18	-	0	-	-	-	-	
Benmore Younger Botanic Gardens ...	99	12	11.8	2.8	7.3	-	17.7	12	-1.0	4	-	-	106	72	46	23	17	12	2	0	0	0	1	0	5	19	-	0	-	-	-	-	
Bute																																	
Kildonan ...	21-9	18	11.1	5.2	8.1	-	15.6	12	1.0	17	-	-	96	-	53	23	11	6	0	0	0	1	0	0	0	4	1	2	5.67	-	-	-	
Brodick Castle ...	99	15	12.0	3.8	7.9	-	16.8	12	0.9	17	9.6	-	112	113	50	23	11	7	0	0	0	0	0	0	0	18	-	1	-	-	-	-	
Rothsay ...	99	43	11.6	4.7	8.1	+0.3	17.8	12	0.0	17	7.4	7.1	61	74	25	23	12	7	0	0	0	0	0	0	0	6	-	0	5.38	111	-	-	
Dunbarton																																	
Finnart ...	99	15	12.1	4.0	8.1	-	17.0	8	-1.0	4	-	-	71	-	46	23	15	10	0	0	0	1	0	-	1	-	-	0	-	-	-	-	
Helensburgh ...	99	89	10.6	2.8	6.7	-0.7	16.0	12, 21	0.0	26, 28	-	-	71	85	44	23	16	12	0	-	0	0	0	0	0	-	-	0	-	4.54	97	-	-
Sloy ...	21-9	12	11.7	3.6	7.7	-	17.0	12	-1.4	28	-	-	87	-	50	23	13	7	0	-	0	0	0	0	1	-	-	0	-	-	-	-	
Cumbernauld ...	99	94	11.3	2.2	6.7	-	16.6	15	-1.2	28	-	-	49	-	28	23	11	9	1	0	0	1	0	0	5	20	-	0	-	-	-	-	
Stirling																																	
Earls Hill ...	21-9	335	9.3	1.9	5.6	-	15.3	21	-3.4	17	-	-	50	-	28	23	14	7	2	-	0	0	0	2	4	17	11	5	4.60	-	-	-	
Stirling Batterflats ...	99	38	12.5	2.6	7.5	-	18.4	11	-2.0	28	8.3	-	51	-	36	23	13	6	0	0	1	0	0	0	4	19	-	0	4.22	-	-	-	
Parkhead ...	99	107	11.9	2.9	7.4	-	17.3	11	-0.4	29	7.6	-	49	-	35	23	13	8	0	0	0	0	0	0	3	-	0	-	-	-	-	-	
Falkirk Sewage Works	99	3	11.8	3.4	7.6	-	18.4	21	0.1	20	-	-	38	-	28	23	14	6	0	0	0	0	0	0	0	-	0	-	4.19	-	-	-	
Grangemouth ...	99	4	11.9	4.0	7.9	-	18.9	21	0.6	28	-	-	21	-	13	23	9	4	0	0	0	0	0	0	0	5	-	0	-	-	-	-	
Grangemouth Refinery	99	2	11.9	4.2	8.1	-	18.8	21	0.8	17, 28	-	-	31	-	24	23	10	2	-	-	-	-	-	-	0	-	-	-	-	-	-	-	
Renfrew																																	
Greenock ...	99	61	11.2	4.6	7.9	-0.1	17.1	21	0.9	17	-	-	64	71	37	23	11	6	0	0	0	0	0	0	0	2	-	0	4.70	100	-	-	
Paisley ...	99	32	12.3	4.2	8.3	0.0	18.9	12	1.1	17, 28	8.8	-	38	60	26	23	10	5	0	0	0	0	0	0	2	-	0	-	4.42	95	-	-	
Barrhead ...	99	30	11.7	3.2	7.5	-	17.9	21	-1.0	28	-	-	38	57	25	23	8	5	0	0	0	0	0	0	2	18	-	0	-	-	-	-	
Abbotsinch ...	21-9	5	12.2	3.0	7.6	-0.2	18.3	21	-2.4	28	-	-	37	64	26	23	12	5	0	0	0	0	0	0	4	17	8	0	5.19	110	-	-	
Lanark																																	
Crossmyloof ...	99	23	12.2	3.6	7.9	-	18.4	21	-0.1	28	-	-	50	-	36	23	9	7	0	0	0	0	0	0	1	-	-	0	4.88	-	-	-	
East Kilbride ...	99	178	10.5	2.5	6.5	-	16.6	21	-1.3	17	-	-	53	-	39	23	11	7	-	0	-	-	-	-	2	20	-	-	5.23	-	-	-	
Glasgow, Springburn	99	107	11.4	3.4	7.4	-0.2	17.6	21	0.1	28	-	-	54	91	40	23	12	7	0	0	0	0	0	0	0	17	-	0	4.49	106	-	-	
Coatbridge ...	99	78	11.8	2.8	7.3	-0.3	17.8	12, 21	-0.6	28, 29	-	-	29	56	20	23	9	3	1	0	0	0	0	0	2	-	0	-	-	-	-	-	
Salsburgh ...	21-9	275	10.4	0.7	5.5	+0.1	18.4	15	-3.9	28	-	-	51	50	40	23	12	5	1	0	0	1	0	0	11	22	-	0	-	-	-	-	
Leadhills ...	99	387	10.2	0.4	5.3	-	16.6	22	-3.7	28	6.3	-	40	-	29	23	9	6	0	0	1	0	0	0	14	21	16	0	4.14	-	-	-	
Crawfordjohn ...	99	274	10.2	0.4	5.3	-	16.6	22	-3.7	28	6.3	-	40	-	29	23	9	6	0	0	1	0	0	0	14	21	16	0	4.14	-	-	-	
Lanark ...	99	152	11.9	2.3	7.1	-	18.3	15	-1.7	7	-	-	-	-	-	-	-	2	0	0	0	0	0	0	5	-	2	4.54	-	-	-	-	
Carnwath ...	99	208	11.4	-0.4	5.5	-0.7	18.1	21	-6.1	28	7.0	-	18	34	11	23	8	6	3	0	1	0	0	0	18	22	-	1	-	-	-	-	
Camps Reservoir ...	99	295	9.7	0.5	5.1	-	16.7	22	-4.3	28	-	-	38	50	21	23	10	5	0	0	0	0	0	0	12	-	4	4.42	-	-	-	-	
Ayr																																	
Girvan ...	99	8	11.4	5.1	8.3	-	16.0	22	0.3	4	-	-	32	-	12	23	10	7	0	0	0	0	0	0	0	9	-	0	5.20	-	-	-	
Hunterston ...	99	8	11.9	5.1	8.5	-	16.9	21	2.0	4	-	-	46	-	30	23	7	5	0	0	1	0	0	0	0	-	6	-	-	-	-	-	
Barr ...	99	122	12.2	1.7	6.9	-	18.3	10	-2.8	28	-	-	43	-	15	23	9	6	-	0	-	-	-	1	8	-	-	-	-	-	-	-	
Auchincruive ...	99	45	11.6	3.6	7.6	-0.1	18.2	21	0.4	28	7.9	7.5	19	34	11	23	7	4	0	0	0	0	0	0	0	17	-	0	5.33	119	-	-	
Prestwick ...	21-9	16	11.9	3.5	7.7	-	18.4	21	-0.9	28	-	-	19	37	11	23	7	5	0	0	0	0	0	0	1	16	12	0	5.46	-	-	-	
Kilmarnock ...	99	34	-	-	-	-	-	-	-	-	8.9	7.8	26	42	14	23	8	5	0	0	0	0	0	0	-	-	-	0	4.47	92	S	-	
Dumfries																																	
Dumfries ...	99	49	11.9	3.2	7.5	-0.1	17.1	21	-1.2	17	7.9	7.6	39	62	27	23	9	4	0	-	0	0	0	0	3	22	-	0	4.79	105	-	-	
Eskdalemuir ⁴	21-9	242	10.6	1.0	5.7	-	17.2	22	-4.8	28	7.0	6.4	43	45	30	23	11	5	3	0	4	0	0	0	9	21	13	1	3.78	87	-	-	
			10.7	1.1	5.9	-0.2	17.1	21	-4.7	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kirkcudbright																																	
Bargrennan ...	99	110	11.9	2.2	7.1	-	17.3	15	-2.7	28	-	-	52	56	18	22	11	8	0	0	0	0	0	0	5	17	-	0	-	-	-	-	
Palnure ...	99	15	11.6	3.6	7.6	-	15.9	11	-2.1	17	-	-	54	73	21	23	10	5	0	0	0	0	0	2	2	13	-	0	-	-	-	-	
Clatteringshaws	99	178	11.2	2.1	6.7	-	16.3	11	-1.7	9, 17	-	-	61	52	37	23	7	6	0	0	0	0	0	0	6	-	-	0	4.06	-	-	-	
Glenlee ...	99	55	12.4	1.7	7.1	-0.3	17.5	21	-3.1	28	-	-	41	48	23	23	9	7	-	0	-	-	-	0	10	19	-	-	-	-	-	-	
Dundee ...	99	119	11.7	0.8	6.3	-	17.6	15	-4.4	28	6.6	-	35	41	20	23	9	5	0	0	1	2	0	0	15	-	-	0	-	-	-	-	
St Marys Isle	99	12	3.9	-	-	-	-	-	-0.2	28	-	-	74	-	35	23	7	6	-	0	-	-	-	0	1	6	-	-	-	-	-	-	
Girdstingwood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenochar Barrage	99	47	12.3	2.9	7.6	-	17.7	11	-1.7	17	-	-	49	71	33	23	8	5	0	0	0	0	0	0	5	-	0	-	-	-	-	-	
Threave ...	99	73	11.9	2.8	7.3	-	17.7	21	-1.1	9	8.3	-	52	71	36	23	8	5	0	0	0	0	0	0	6	19	-	0	-	-	-	-	
Castle Douglas	99	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Wigtown																																	
West Freugh ...	99	15	10.9	3.2	7.1	-	14.2	11, 15	-1.5	28	-	-	80	144	49	23	9	4	-	-	-	-	-	-	4	-	-	0	5.41	-	-	-	
Penwhirn ...	99	166	10.7	2.4	6.5	-																											

Table 3 Summary of daily observations

For meaning of symbols 1 5 # used below see Notes in the Introduction.

APRIL

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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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day		precip'n	0.2mm or more	1.0mm or more	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																	
4 MIDLAND COUNTIES — continued																																	
Yorkshire W Riding — continued																																	
Huddersfield	99	99	(11.0)	(3.4)	(7.2)	-	18.7	22	-1.6	28	(7.4)	(7.2)	69	128	43	23	7	5	-	0	-	-	-	-	0	6	12	-	-	2.41	60	-	
Huddersfield Oakes	21-9	235	10.1	3.9	7.0	-0.5	17.3	22	-1.0	17	7.1	6.6	76	120	39	23	13	6	0	0	0	2	0	7	5	12	11	0	2.67	62	-		
Bradford	99	134	10.6	3.4	7.0	-0.7	18.2	22	-1.7	28	7.1	6.6	58	99	36	23	10	6	1	0	0	1	0	1	3	12	-	0	2.88	64	S		
Ilkley	99	96	10.1	3.3	6.7	-1.1	18.3	22	-1.1	26, 28	-	-	79	122	51	23	11	8	1	0	0	0	0	1	5	-	-	0	3.21	70	-		
Sheffield	99	131	11.1	4.3	7.7	-0.7	20.6	22	0.7	17	7.7	7.3	84	159	48	23	10	4	0	0	0	0	0	-	0	(11)	-	0	2.33	54	-		
Pontefract	99	78	10.7	3.8	7.3	-0.8	17.7	22	0.0	17	-	-	64	153	45	23	9	4	0	0	0	0	0	2	0	5	-	0	-	-	-		
Bramham	99	54	10.8	3.1	6.9	-	18.0	22	-1.5	11	-	-	-	-	-	-	-	0	0	0	0	2	0	4	21	-	0	-	-	-	-		
Cawood	99	6	11.1	3.2	7.1	-	18.3	22	-1.7	11	7.7	7.3	60	139	34	23	7	5	0	0	0	0	0	5	13	-	0	2.81	-	-	-		
Askham Bryan	99	34	11.3	3.5	7.4	-	18.1	22	-1.7	11	-	-	59	128	35	23	7	5	0	0	0	0	0	2	5	8	-	0	3.38	72	-		
Derby																																	
Buxton	99	307	9.0	2.6	5.8	-0.7	16.8	22	-2.2	28	6.7	6.6	82	96	42	23	8	5	0	0	0	0	0	7	5	8	-	0	-	-	-		
Mackworth	99	89	(11.0)	(3.8)	(7.4)	-	17.6	22	-2.7	11	-	-	59	-	32	23	5	4	-	0	-	-	-	0	(2)	-	-	-	-	-	-	-	
Belper	99	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ashover	99	186	10.5	3.4	6.9	-	19.5	22	-1.5	17	-	-	81	-	44	23	9	3	0	0	0	0	0	2	4	13	-	0	2.90	-	-	-	
Derby	99	48	11.4	4.5	7.9	-	18.8	22	-1.7	11	-	-	63	128	32	23	5	5	0	0	0	0	0	0	2	12	-	0	2.69	-	-	-	
Morley	99	107	11.1	3.1	7.1	-	18.8	22	-2.2	11	-	-	60	115	31	23	5	4	-	0	-	-	-	4	4	(10)	-	-	2.91	-	-	-	
Wingerworth	99	126	10.5	2.8	6.7	-	19.1	22	-3.4	11	8.3	-	69	-	38	23	7	3	0	0	0	0	1	0	4	5	16	-	0	2.23	-	-	-
Nottingham																																	
Sutton Bonington	99	48	(11.3)	(3.8)	(7.5)	(-0.8)	18.9	22	-1.6	11	7.9	7.5	62	144	36	23	6	4	0	0	0	0	0	0	3	13	-	0	2.91	62	-	-	
Watnall	21-9	117	11.1	3.9	7.5	-0.7	20.6	22	-1.6	11	-	-	66	136	41	23	5	3	0	0	0	0	0	2	1	11	6	0	2.96	50	-	-	
Mansfield	99	110	(10.2)	3.4	(6.8)	(-1.4)	19.6	22	-1.1	10, 11	8.0	-	67	135	41	23	6	3	0	0	0	0	0	0	5	14	-	0	-	-	-	-	
Nottingham	99	59	11.3	4.9	8.1	-0.6	20.3	22	0.8	11	7.7	7.2	51	110	30	23	4	4	0	0	0	0	0	2	0	4	-	0	2.77	64	-	-	
Warsop	99	46	11.2	3.0	7.1	-	19.7	22	-3.1	11	-	-	60	149	35	23	6	3	-	0	-	-	-	0	3	16	-	-	-	-	-	-	
Finningley	21-9	10	11.7	4.4	8.1	-0.4	20.8	22	-2.0	11	-	-	52	106	29	23	8	3	0	0	0	0	0	1	5	3	0	2.96	-	-	-	-	
Leicester																																	
Newtown Linford	99	119	11.2	3.5	7.3	-	18.9	22	-1.0	27	-	-	49	98	21	23	5	4	0	0	0	0	0	2	3	14	-	0	2.98	-	-	-	
Caldecott	99	53	11.4	1.8	6.6	-	20.4	22	-5.8	27	-	-	43	95	23	23	5	3	-	0	-	-	-	0	9	10	-	-	3.37	-	-	-	
Northampton																																	
Bugbrooke Mills	99	69	(11.7)	(3.1)	(7.4)	-	19.4	23	-2.5	12	(7.7)	(7.6)	44	89	20	23	5	4	-	0	-	-	-	(0)	4	-	-	-	(3.69)	-	-	-	
Raunds	99	59	11.6	3.4	7.5	-0.8	21.2	22	-1.1	27	8.3	7.4	42	95	21	23	6	4	-	0	-	-	-	0	3	8	-	-	3.38	72	-	-	
Wittering	99	65	11.0	4.3	7.7	-0.7	20.5	22	0.6	27	-	-	45	108	24	23	6	5	0	0	0	0	1	0	2	0	8	5	0	3.15	-	-	-
Warwick																																	
Birmingham	99	137	-	(4.0)	-	-	-	-	1.2	28	-	-	51	89	27	23	8	5	0	0	0	0	0	2	0	-	-	0	-	-	-	-	
King Edward School	21-9	163	11.0	4.5	7.7	-0.8	18.3	22	1.4	3	7.4	-	53	92	30	23	6	3	0	0	1	0	0	2	0	10	6	0	3.30	71	-	-	
Edgbaston	99	56	11.9	3.8	7.9	-	18.3	21	-0.6	27	-	-	48	-	28	23	5	4	0	0	0	0	0	8	3	9	-	0	3.25	-	-	-	
Luddington	99	49	12.0	3.2	7.6	-	19.9	22	-2.3	29	8.6	-	49	108	29	23	4	4	0	0	0	0	0	1	5	14	-	0	3.08	-	-	-	
Stratford	99	49	12.0	3.2	7.6	-	19.9	22	-2.3	29	8.6	-	49	108	29	23	4	4	0	0	0	0	0	1	5	14	-	0	3.08	-	-	-	
Elmdon	21-9	108	11.4	3.3	7.3	-	19.2	22	-1.9	28	-	-	51	-	33	23	5	3	0	0	0	0	0	1	3	14	9	0	3.32	-	-	-	
Shipston-on-Stour	99	111	11.4	3.6	7.5	-	19.4	22	-0.4	27	7.6	-	47	93	23	23	7	7	1	0	0	0	0	1	1	14	-	0	3.45	-	-	-	
Wellesbourne	99	47	(11.6)	(3.1)	(7.3)	-	19.5	22	-2.2	27	-	-	46	96	(30)	(23)	(4)	(3)	-	-	-	-	-	(5)	-	-	-	-	-	-	-	-	
Moreton Morrell	99	85	11.5	3.2	7.3	-	19.6	22	-2.9	27	-	-	47	95	32	23	5	3	0	0	0	0	0	1	4	14	-	0	3.31	-	-	-	
Rugby	99	117	11.2	(3.6)	(7.4)	(-0.8)	19.6	22	-0.5	27	8.0	8.1	40	78	24	23	3	3	0	0	0	0	0	0	2	10	5	0	-	-	-	-	
Oxford																																	
Brize Norton	21-9	84	11.7	3.8	7.7	-	19.8	22	-1.2	27	-	-	56	-	30	23	8	8	1	0	0	0	0	1	2	8	-	0	-	-	-	-	
Oxford	99	63	11.9	4.3	8.1	-1.0	20.6	22	-0.5	27	8.7	8.1	45	93	22	23	10	8	0	0	0	0	1	0	1	7	-	0	4.10	77	-	-	
Shirburn Model Farm	99	108	11.9	3.7	7.8	-	20.3	22	-2.7	27	8.4	-	47	-	22	23	8	8	2	0	0	0	0	1	5	13	-	0	-	-	-	-	
Buckingham																																	
Medmenham	99	30	12.4	2.7	7.5	-	21.2	22	-3.3	27	-	-	51	-	23	23	8	6	-	-	-	-	-	-	7	17	-	-	-	-	-	-	
Grendon Underwood	99	67	11.7	2.8	7.3	-	19.7	22	-4.1	27	8.2	7.7	40	-	25	23	10	6	0	0	0	0	0	-	7	12	-	0	3.78	-	-	-	
Aylesbury	99	96	(11.9)	-	-	-	20.7	22	-	-	-	-	48	99	27	23	8	7	0	0	0	0	0	0	-	14	-	0	3.51	-	S	-	
Stafford																																	
Keele	99	179	10.7	3.8	7.3	-	16.8	20	-0.9	17	7.3	6.8	79	155	44	23	6	6	1	0	0	1	0	1	3	9	-	0	3.02	-	S	-	
Oaken	99	125	11.5	2.9	7.2	-	18.3	23	-2.8	11	8.0	-	59	-	32	23	5	4	-	0	-	-	-	-	3	10	-	-	-	-	-	-	
Stone	99	107	11.1	(3.0)	(7.1)	-	16.7	22	-2.8	11	-	-	69	139	39	23	6	5	-	0	-	-	-	-	4	4	24	-	-	3.19	-	-	-
Penkridge	99	101	11.2	3.6	7.4	-	17.2	22	-1.7	3	-	-	62	129	35	23	5	4	-	0	-	-	-	-	0	3	11	-	-	-	-	-	
Shropshire																																	
Oswestry	99	174	(10.7)	(3.1)	(6.9)	-	16.1	20	0.3	28	-	-	52	89	24	23	10	4	0	0	0	0	1	0	16	-	0	3.17	-	-	-	-	
Church Stretton	-	183	-	-	-	-	-	-	-	-	-	-	54	83	31	23	8	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shrewsbury	99	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shawbury	21-9	72	11.7	3.3	7.5	-0.7	17.5	20	-1.9	28	-	-	67	145	33	23	9	4	0	0	1	0	0	1	5	14	9	0	3.07	-	-	-	-
Clee Hill	21-9	504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bridgnorth	-	-	-	-	-	-	-	-	-	-	-	-	46	92	27	25	7	4	0	0	1	0	0	-	-	-	-	-	0	3.65	-	-	-
Newport	99	64	11.6	3.1	7.3	-0.6	17.3	22	-2.6	28	-	-	67	145	33	23</																	

Table 3 Summary of daily observations

For meaning of symbols 1 5 ± S used below see Notes in the Introduction.

APRIL

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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			
			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 (mm)	date	0.2mm or more	1.0mm or more	snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass min. below 0°C	yellow leaves 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																																
Greater London																																
Kensington Palace ...	99	25	11.6	5.3	8.5	-1.3	22.4	22	0.7	27	8.8	8.6	37	75	15	23	8	8	0	0	0	1	0	0	0	7	-	0	-	-	-	-
Hampstead ...	99	137	11.0	3.2	7.1	-1.4	21.0	22	-0.3	27	-	-	39	73	17	23	8	7	0	0	0	0	0	-	2	8	-	0	3.82	74	-	-
St James Park ...	99	4	12.4	5.3	8.9	-1.1	22.2	22	2.8	17,27	-	-	39	83	17	23	7	7	0	-	0	0	0	-	0	-	-	-	-	-	-	-
Regents Park ...	99	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
London W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.73	77	-	-	
Greenwich ...	99	7	11.8	4.9	8.3	-	22.1	22	0.7	30	-	-	41	92	19	23	7	6	0	0	0	0	0	0	4	-	0	3.37	71	-	-	-
Heathrow ...	21-9	25	12.1	4.9	8.5	-0.8	21.6	22	-1.0	27	-	-	47	105	25	23	7	6	0	0	0	0	0	0	1	8	1	0	4.05	-	-	-
Hampton ...	99	12	12.0	4.9	8.5	-	21.0	22	-0.1	27	-	-	43	93	23	23	7	5	0	0	0	0	0	0	1	9	-	0	3.85	-	-	-
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Southgate ...	99	67	-	4.2	-	-	-	-	0.6	27	7.9	-	46	87	23	23	8	8	0	0	0	1	0	0	0	13	-	0	-	-	-	-
Kew ⁷ ...	21-9	5	11.8	4.4	8.1	-	21.6	22	-1.5	30	8.2	8.0	36	79	20	23	6	6	0	0	0	0	0	0	3	10	5	0	3.83	72	-	-
Waddon ...	99	59	(11.6)	(3.8)	(7.7)	(-1.4)	21.1	22	-1.1	27	-	-	43	79	22	23	9	7	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Addington ...	99	144	10.8	3.8	7.3	-1.3	21.1	22	-0.6	27	-	-	47	80	22	23	11	8	-	-	-	-	1	1	-	-	-	-	-	-	-	-
Bromley ...	99	65	10.9	5.3	8.1	-1.2	21.1	22	1.7	27	-	-	36	70	13	23	7	5	-	0	-	-	0	0	-	-	-	-	-	-	-	-
Surrey																																
Gatwick ...	21-9	59	11.6	3.7	7.7	-0.9	20.8	22	-2.5	29	-	-	39	67	14	23	8	6	1	0	1	0	0	1	4	12	5	0	3.96	-	-	-
Wisley ...	99	35	11.9	3.9	7.9	-1.0	20.7	22	-1.3	27	8.8	8.6	60	-	29	23	8	6	-	0	-	-	-	6	8	11	-	-	3.86	-	-	-
Mickleham ...	99	55	11.8	2.9	7.3	-	20.3	22	-2.7	27	8.2	7.7	50	88	21	23	8	5	1	0	0	0	0	1	5	12	-	0	-	-	-	-
Kent																																
Hadlow College ...	99	30	11.8	3.5	7.7	-	20.9	22	-1.8	30	8.2	7.8	40	-	14	26	7	7	1	0	1	0	0	3	13	-	0	3.59	-	-	-	-
Gillingham ...	99	4	(11.2)	4.7	(7.9)	-	21.7	22	-0.3	30	-	-	30	64	10	26	8	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Peckham ...	21-9	29	11.2	4.0	7.6	-	20.8	22	-2.0	29	-	-	43	-	16	26	8	7	1	0	0	0	0	5	12	7	0	4.39	-	-	-	-
Dungeness ...	21-9	3	10.3	5.3	7.8	-0.6	17.5	22	-0.3	28	-	-	26	58	7	26	6	5	0	0	0	0	0	2	1	-	0	-	-	-	-	-
Whitstable ...	99	3	10.3	5.3	7.8	-	18.8	22	0.7	26	-	-	42	104	13	23	8	6	0	0	0	0	1	0	-	-	0	4.11	-	-	-	-
Folkestone ...	99	39	10.6	5.4	8.0	-	19.0	22	1.7	17	-	8.6	39	84	17	26	6	5	1	0	0	0	1	0	-	-	0	4.76	-	-	-	-
Elmstone ...	99	9	10.8	4.3	7.5	-	21.7	22	-1.6	29	-	-	38	-	14	26	5	5	-	0	-	-	-	1	3	4	-	-	-	-	-	-
Herne Bay ...	99	6	10.5	6.0	8.3	-	22.6	22	3.1	29	-	-	37	89	13	23	6	5	0	0	0	0	0	0	-	-	0	4.19	-	-	-	-
Dover ...	99	6	10.6	5.7	8.1	-0.8	19.5	22	1.7	29	9.1	(8.6)	42	82	18	26	6	5	0	0	0	0	0	0	1	-	0	4.32	-	-	-	-
St. Margarets Bay ...	21-9	83	9.3	(5.3)	(7.3)	-	18.0	22	1.9	28	-	-	31	-	14	26	5	5	0	0	0	0	4	0	2	(1)	4	-	-	-	-	-
Manston ...	21-9	44	10.0	5.3	7.7	-	20.2	22	1.8	29	-	-	40	105	15	26	6	5	1	0	0	0	1	0	3	0	-	-	-	-	-	-
Margate ...	99	16	9.7	5.9	7.8	-1.2	20.1	22	3.1	27	8.7	7.8	41	-	13	24	5	5	0	0	0	0	1	0	0	-	0	3.99	65	-	-	-
Goudhurst ...	99	85	11.2	3.7	7.5	-	21.7	22	-2.3	29	-	-	45	77	21	26	10	5	1	1	0	1	0	2	4	-	0	-	-	-	-	-
East Malling ...	99	37	11.2	4.0	7.6	-1.0	21.8	22	-1.4	30	8.1	7.9	41	78	12	26	10	8	0	0	0	1	0	1	2	7	-	0	3.85	72	-	-
Throwley ...	99	150	9.9	3.9	6.9	-	20.1	22	-0.1	28	7.6	7.2	49	85	14	26	10	8	2	0	0	1	0	1	1	8	-	0	4.00	-	-	-
Faversham ...	99	48	10.3	4.4	7.3	-	21.3	22	-1.6	30	8.1	7.9	39	-	11	26	10	7	1	0	0	0	2	1	6	-	0	3.98	-	-	-	-
Wye ...	99	56	10.9	4.7	7.8	-0.9	19.9	22	-0.6	29	8.2	7.8	40	73	15	26	7	7	1	0	0	0	0	2	1	8	-	0	4.40	86	-	-
Sussex																																
Thorney Island ...	21-9	3	11.9	4.5	8.2	-	20.0	21	-0.4	29	-	-	50	112	20	23	7	5	0	0	0	0	0	1	13	6	0	5.69	-	-	-	-
Rogate ...	99	64	12.1	(3.1)	(7.6)	-	20.5	21	-1.3	29	9.3	-	54	-	22	23	8	4	1	0	0	0	2	4	14	-	0	-	-	-	-	-
Bognor Regis ...	99	7	11.4	4.8	8.1	-0.7	18.4	21	1.0	27	-	9.3	47	95	19	23	7	4	0	0	0	0	1	0	2	-	0	5.86	97	-	-	-
Fernhurst ...	99	57	12.2	3.4	7.8	-	20.5	22	-2.5	29	8.4	-	58	96	25	23	7	5	2	-	0	0	0	-	5	10	-	0	4.73	-	-	-
Littlehampton ...	99	5	11.8	4.9	8.3	-0.6	20.2	21	1.0	27	-	8.9	49	104	19	23	8	4	0	0	0	0	0	0	-	-	0	5.54	91	-	-	-
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
North Heath ...	99	21	12.2	3.6	7.9	-	20.4	21	-2.4	29	9.1	8.6	51	-	19	23	9	4	0	0	0	0	0	4	-	-	0	4.32	-	-	-	-
Worthing ...	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brighton ...	99	10	11.6	5.5	8.5	-	20.6	21	td																							

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'n		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 1931-60 average	exposure	
								max. (a)	min. (b)	max.	date					min.	date	amount (mm)	date														0.2mm or more
5 ENGLAND SE — continued																																	
Wiltshire																																	
Lacock ...	99	49	12.0	3.1	7.5	-	20.0	22	-3.1	27	-	-	76	152	33	25	8	8	-	1	-	-	-	0	4	13	8	0	-	-	-	-	
Lyneham ...	21-9	145	11.4	3.8	7.6	-0.7	19.8	22	-1.7	27	-	-	63	122	31	23	10	5	1	1	0	0	0	2	1	12	8	0	4.23	-	-	-	
Larkhill ...	99	132	12.0	3.3	7.7	-0.6	20.0	22	-1.0	27	-	-	61	125	25	23	9	6	1	1	0	1	0	0	1	14	5	0	-	-	-	-	
Boscombe Down ...	21-9	126	11.9	3.6	7.7	-0.7	19.8	22	-1.1	17	-	-	51	102	20	23	10	6	1	0	0	1	0	1	2	13	8	0	5.01	-	-	-	
Upavon ...	21-9	176	11.4	3.5	7.5	-	19.6	22	-1.1	27	-	-	70	134	27	23	7	6	1	1	0	1	0	0	2	11	3	0	-	-	-	-	
Porton ...	99	111	11.9	2.7	7.3	-1.0	19.7	22	-2.5	27	7.6	-	56	107	20	23	8	7	-	0	-	-	-	1	5	16	8	-	4.88	85	-	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ...	99	13	11.6	(3.8)	(7.7)	-	17.8	22	-1.1	28	-	-	32	51	13	23	5	5	-	0	-	-	-	4	2	18	-	-	4.69	-	-	-	
Bromfield ...	99	20	12.0	2.2	7.1	-	17.6	21	-3.7	28	-	-	19	-	10	23	7	5	0	0	0	0	0	0	9	16	-	0	-	-	-	-	
Carlisle ...	21-9	26	12.1	3.3	7.7	-	17.6	22	-2.1	28	-	-	39	-	27	23	5	3	1	0	0	0	0	0	4	15	7	0	5.17	-	-	-	
Newton Rigg	99	171	11.4	3.1	7.3	+0.2	16.9	10	-2.6	28	7.8	-	30	58	13	23	9	5	-	0	-	-	-	1	6	17	-	4.64	100	-	-	-	
Spadeadam	99	274																															
Westmorland																																	
Great Dun Fell	21-9	847	4.8	-0.5	2.1	-	12.0	22	-6.6	17	-	-	-	-	-	-	-	-	-	3	-	-	-	15	21	-	-	3.85	-	-	-	-	
Moor House	99	556	6.9	-0.1	3.4	-	14.7	15	-5.6	28	4.5	-	54	41	23	23	17	10	-	1	-	-	-	4	17	19	-	4.10	-	-	-	-	
Lancashire																																	
Squires Gate	21-9	10	12.3	3.8	8.1	+0.1	18.9	21	-1.6	28	-	-	45	96	25	23	5	4	0	0	0	0	1	0	3	13	8	0	4.64	81	-	-	-
Aigburth ...	99	14	11.8	5.0	8.4	-	17.3	20	0.8	28	-	-	69	-	36	23	9	6	0	0	0	0	0	3	0	4	5	0	3.96	-	-	-	-
Southport	99	5	11.8	3.7	7.7	-	17.6	21	-1.2	28	8.4	8.1	47	99	23	23	8	6	-	0	-	-	-	1	4	12	-	4.23	-	-	-	-	
Cartmel ...	99	34	11.8	3.6	7.7	-	16.8	22	-3.3	28	-	-	48	-	26	23	5	4	0	0	0	0	0	1	5	-	-	0	-	-	-	-	
Grizedale ...	99	91	12.1	(1.9)	(7.0)	-	17.7	22	-4.0	28	7.2	-	68	-	47	23	8	5	0	0	0	0	0	0	10	-	-	0	-	-	-	-	
Speke ...	21-9	22	12.2	4.2	8.2	-0.4	17.7	20	-0.6	10	-	-	73	171	38	23	9	6	0	0	1	0	0	3	2	12	5	0	3.71	-	-	-	-
Kirkham ...	99	24	11.9	3.1	7.5	-	17.2	21	-3.4	28	-	-	55	108	35	23	6	4	0	0	0	0	0	1	5	16	-	4.55	-	-	-	-	
Bairrigg ...	99	53	11.6	(4.0)	(7.8)	-	17.2	21	-1.7	27	-	-	28	-	13	23	4	4	-	0	-	-	-	0	3	12	-	4.71	-	-	-	-	
Morecambe	99	7	11.8	5.4	8.6	+0.3	18.3	21	0.7	28	-	-	39	74	19	23	4	4	0	0	0	0	0	0	0	-	-	4.55	82	-	-	-	
Preston ...	99	33	11.9	3.8	7.9	-	17.3	21	-2.0	28	-	-	53	94	27	23	8	5	0	0	1	0	0	1	4	11	-	0	-	-	-	-	
Bolton ...	99	107	11.4	3.5	7.5	-	16.8	22	-1.7	28	7.3	7.0	65	-	38	23	6	6	-	0	-	-	-	1	2	14	-	3.96	-	-	-	-	
Stonyhurst	99	115	11.9	(3.3)	(7.6)	(-0.1)	16.3	21	-2.2	(27,28)	-	-	43	64	23	23	8	4	-	0	-	-	-	2	(5)(11)	-	-	4.22	88	-	-	-	
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.28	-	-	-	-	
Helmshore	99	261	10.3	3.3	6.8	-	16.9	22	-1.3	28	7.1	-	73	77	36	23	10	7	-	0	-	-	-	0	3	12	-	4.20	-	-	-	-	
Burnley ...	99	200	10.7	3.2	6.9	-	17.1	22	-1.8	28	6.9	6.7	50	-	16	23	8	6	1	0	0	0	0	0	3	14	-	0	3.63	-	-	-	-
Nelson ...	99	165	10.5	2.9	6.7	-	17.8	22	-2.8	28	7.2	6.6	45	66	17	23	8	6	-	0	-	-	-	0	4	13	-	3.91	-	-	-	-	
Rochdale ...	99	110	11.4	3.4	7.4	-	18.3	22	-2.7	28	-	-	51	75	16	24	7	7	0	0	1	0	0	0	5	11	-	0	3.76	-	-	-	-
Cheshire																																	
West Kirby Park ...	99	8	12.3	4.6	8.5	-	17.4	21	-1.2	27	-	-	65	-	31	23	9	4	-	0	-	-	-	2	5	-	-	3.81	-	-	-	-	
Bidston ...	99	60	11.5	5.3	8.4	+0.1	16.9	20	2.2	3	-	-	68	158	37	23	9	4	0	-	0	0	0	2	0	4	-	0	4.10	78	-	-	-
Ness Gardens ...	99	55	(12.0)	4.3	(8.1)	-	17.3	20	-1.0	27	-	-	71	-	35	23	11	6	0	0	0	0	0	2	1	13	-	0	3.54	-	-	-	-
Winnington	99	20	12.5	4.6	8.5	-	17.4	22	-0.2	11,28	-	-	62	130	32	23	8	4	0	0	0	0	0	3	2	7	-	0	-	-	-	-	
Knutsford	99	65	12.2	3.6	7.9	-	17.8	22	-1.3	28	8.0	7.4	66	132	35	23	7	6	-	0	-	-	-	4	16	-	-	-	-	-	-	-	
Ringway ...	21-9	75	11.7	4.6	8.1	0.0	17.6	22	-0.6	28	-	-	64	133	32	23	7	7	0	0	1	0	0	1	2	14	5	0	3.67	80	-	-	-
Macclesfield	99	152																															
7b NORTH WALES																																	
Flint																																	
Rhyl ...	99	9	11.4	4.7	8.1	-0.5	17.1	21	0.0	27,28	-	-	58	144	21	23	7	5	0	0	0	0	1	1	0	8	-	0	4.58	85	-	-	-
Prestatyn ...	99	4	11.6	5.0	8.3	-	17.6	21	0.6	28	-	-	67	157	26	23	8	6	0	0	1	0	1	1	0	-	-	0	4.48	87	-	-	-
Hawarden Bridge ...	99	5	12.1	3.8	7.9	-1.0	17.9	20	-1.1	10,11	-	-	67	148	31	23	10	6	0	0	0	0	1	2	3	-	-	0	-	-	-	-	
Anglesey																																	
Valley ...	99	10	12.1	5.5	8.8	+0.3	19.5	21	1.3	28	-	-	41	86	25	23	8	4	0	0	0	0	1	2	0	9	2	0	5.42	91	-	-	-
Denbigh																																	
Colwyn Bay	99		11.2	5.4	8.3	-	17.6	21	1.5	28	-	-	56	-	19	22	8	5	0	0	0	0	1	0	0	-	-	0	5.06	92	-	-	-
Alwen ...	99	335	-	0.5	-	-	-	-	-6.7	28	-	-	63	-	23	23	8	8	-	-	-	-	-	-	11	14	-	-	-	-	-	-	-
Ruthin ...	99	76	11.8	3.7	7.7	-	16.7	15	-2.5	28	-	-	58	-	22	23	8	5	-	0	-	-	-	0	4	-	-	3.87	-	-	-	-	-
Loggerheads	99	210	10.4	2.6	6.5	-	16.8	20	-3.2	28	6.9	7.1	66	-	29	23	12	8	0	0	0	0	1	1	9	11	-	0	4.01	-	-	-	-
Bwlchgwyn	99	386	9.3	2.4	5.9	-	14.9	20	-1.7	28	5.8	-	75	103	33	23	10	5	3	1	0	0	0	2	3	13	-	0	-	-	-	-	-
Wrexham ...	99	88	11.9	3.3	7.6	-	17.3	20	-1.0	28	-	-	58	102	31	23	8	4	0	0	0	0	0	3	3	10	-	0	-	-	-	-	-
Caernarvon																																	
Bardsey Island	21-9	18	10.6	4.2	7.4	-	13.4	20	1.6	27	-	-	37	-	24	23	5	5	-	0	-	-	-	1	0	3	2	-	-	-	-	-	-
Botwnnog	99	34	12.1	4.8	8.5	-	16.7	20	-0.4	1	9.6	8.8	52	-	36	23	9	5	0	0	0	0	0	0	2	12	-	0	4.80	-	-	-	-
Pen-y-Ffridd	99	84	12.2	4.6	8.4	-	17.4	21	0.1	27	-	-	59	90	33	23	10	7	0	0	1	0	0	0	0	15	-	0	4.68	-	-	-	-
Aber ...	99	18																															
Merioneth																																	
Trawsfynydd	99	186	(11.4)	(3.8)	(7.6)	-	17.2	20	0.0	28	-	-	53	-	24	23	10	6	-	0	-	-	-	0	0	15	-	-	-	-	-	-	-
Bala ...	99	163	11.3	2.3	6.8	-	17.7	15	-3.6	28	8.1	7.9	49	-	27	23	10	5	0	0	0	0	0	2	10	14	11	0	3.85	-	-	-	-
Conwen ...	99	144	11.6	2.3</																													

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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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							
			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 1915-50 average	most in a day	precip'n	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																						
8a SOUTH WALES — continued																																
Carmarthen	99	15	12.9	3.9	8.4	-	18.2	20	-1.9	29	8.9	8.7	53	-	18	23	9	4	0	0	1	1	1	0	5	12	-	2	4.53	-	-	
Esgairwen-Uchaf ...	99	332																														
Brynamman ...	21-9	183	11.9	4.4	8.1	-	18.0	20	0.1	17	-	-	74	-	35	23	11	6	1	-	0	1	0	1	0	6	-	0	-	-	-	
Radnor																																
Cenarth Mill ...	21-9	282	10.6	1.8	6.2	-	16.9	15	-3.8	29	-	-	42	-	20	23	11	8	-	0	-	-	-	3	10	16	-	-	-	-	-	
Llandrindod Wells ¶ §	99	235	11.0	3.1	7.1	-0.7	17.3	20	-1.7	29	7.3	-	49	73	24	23	10	7	1	0	0	0	0	2	6	-	0	3.16	64	S		
Brecknock																																
Llwynon ...	99	242	(11.1)	2.7	(6.9)	-	17.8	15	-1.1	17	-	-	65	-	26	23	10	6	1	0	0	0	0	3	3	-	0	4.17	-	S		
Glamorgan																																
Mumbles ...	21-9	37	10.9	5.7	8.3	-	14.5	22	2.6	26	-	-	-	-	-	-	-	0	0	0	0	0	0	1	0	2	0	0	-	-	-	
Penmaen ...	99	82	11.2	4.8	8.0	-	16.6	20	1.7	17	8.9	8.6	65	-	27	23	10	6	1	0	1	0	0	2	0	9	-	0	5.10	-	-	
Swansea ...	99	8	12.1	5.8	8.9	-0.6	16.1	12, 22	2.8	11, 17, 26	9.7	-	62	-	27	23	9	7	0	0	0	0	0	0	0	-	-	0	4.57	81	S	
Port Talbot ...	99	7	13.2	5.4	9.3	-	19.1	20	0.9	11	-	-	65	105	24	23	8	8	1	0	1	0	0	1	0	7	-	0	4.75	-	S	
Neath ...	99	62	12.4	5.5	8.9	-	18.1	20	1.7	27	-	-	58	78	23	23	11	7	1	0	0	1	0	0	0	7	-	0	-	-	-	
Rhoose ...	21-9	67	11.9	4.4	8.1	-	17.7	20	-0.2	27	-	-	62	-	21	23	10	6	1	0	0	0	0	2	1	8	6	0	4.66	80	-	
Cardiff ...	99	62	12.5	4.7	8.6	-0.5	18.5	20	0.4	26	8.4	8.2	61	94	24	25	12	7	1	-	0	0	0	0	0	-	-	-	3.88	-	S	
Monmouth																																
Tredegar ...	99	313	10.4	3.3	6.9	-	17.8	22	0.0	26	-	-	69	69	22	25	11	9	1	1	0	0	0	7	0	9	-	1	4.18	-	-	
Newport ...	99	23	(12.5)	4.8	(8.7)	(-0.5)	18.3	22	0.4	17	-	-	88	140	31	25	9	7	2	0	0	0	0	0	0	6	-	0	4.57	-	-	
Usk ...	99	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Crumbland ...	99	245	10.6	2.9	6.7	-	16.1	20	-0.6	26, 27	7.3	7.2	57	87	21	23	9	6	-	1	-	-	-	4	3	13	-	-	4.23	-	-	
8b ENGLAND SW																																
Somerset																																
HawkrIDGE ...	99	314	9.9	3.3	6.6	-	16.6	22	-0.8	1	-	-	52	54	15	23	13	5	2	0	0	0	0	0	4	1	10	-	0	5.10	-	-
Nettlecombe ...	99	96	11.8	3.3	7.5	-	18.3	22	-1.7	22	9.1	-	63	-	17	23	11	6	1	0	0	0	0	3	4	17	-	0	-	-	-	
Cannington ...	99	29	12.2	4.3	8.3	-	19.4	22	-1.1	27	9.3	-	44	89	19	23	8	5	1	-	0	0	0	1	1	10	-	0	(4.56)	(79)	S	
Weston-super-Mare	99	9																														
Cricket Malherbie	99	76	11.4	(2.7)	(7.1)	-	19.4	21, 22	-1.4	27	-	-	51	-	22	23	9	6	0	-	0	0	0	1	4	11	-	0	-	-	-	
Cheddar ...	99	11	12.6	4.1	8.3	-	20.3	22	-1.1	28	(9.2)	-	45	-	18	23	7	4	-	0	-	-	-	2	10	-	-	-	-	-	-	
Yeovilton ...	21-9	18	12.7	3.9	8.3	-	20.7	22	-3.6	27	-	-	63	-	36	23	6	5	0	0	0	0	0	1	2	10	6	0	-	-	-	
Rodney Stoke ...	99	40	11.3	4.2	7.7	-	19.7	22	-0.1	29	8.7	8.2	53	-	22	23	7	5	-	0	-	-	2	1	10	-	-	-	-	-	-	
Long Ashton ¶ §	99	49	12.3	3.9	8.1	-0.8	20.4	22	-2.0	27	8.7	-	73	129	33	25	12	7	1	1	0	0	0	0	1	13	-	0	4.65	86	-	
West Camel ...	99	27	12.9	3.5	8.2	-	21.5	22	-4.0	27	-	-	53	-	25	23	8	4	0	0	1	0	0	0	3	15	-	0	-	-	-	
Wincanton ...	99	114	12.2	3.4	7.8	-	19.8	22	-1.1	27	-	-	54	-	19	23	10	6	0	0	0	0	1	2	12	-	0	-	-	-	-	
Bath City Boys' School	99	118	11.8	4.0	7.9	-	19.6	22	-0.8	27	8.9	-	99	187	29	23	10	7	2	1	0	0	0	1	2	-	0	-	-	-	-	
Dorset																																
Portland Bill																																
Coastguard ...	21-9	53	10.3	5.6	7.9	-	14.2	22	1.7	27	-	-	37	-	15	23	5	4	0	0	0	0	0	4	0	1	1	0	5.85	-	-	
Weymouth ...	99	23	11.8	4.1	7.9	-	17.2	21	-1.0	27	-	-	49	-	23	23	6	5	0	0	0	0	0	0	1	-	-	0	5.89	-	-	
Winfrith ...	99	26	12.5	3.4	7.9	-	18.4	21	-2.2	29	-	-	44	-	17	23	7	4	-	0	-	-	-	2	4	14	-	-	-	-	-	
Shaftesbury ...	99	207	11.5	2.9	7.2	-0.9	19.4	22	-1.1	27	-	-	45	83	14	25	8	4	-	0	-	-	2	2	-	-	-	-	-	-	-	
Swanage ...	99	11	11.3	5.4	8.3	-	15.2	19	0.7	27	-	-	42	89	17	23	6	6	0	-	0	0	0	1	0	4	-	0	5.93	95	-	
Poole ...	99	8	12.6	4.2	8.4	-	20.3	21	-1.2	29	9.1	9.0	48	93	18	23	6	4	0	0	0	0	0	0	2	9	-	0	5.87	96	-	
Devon																																
Virginstow ...	99	168	(11.8)	(3.8)	(7.8)	-	17.2	21	0.1	27, 29	-	-	34	-	9	23	8	7	0	-	0	0	0	0	0	9	-	0	-	-	-	
Hartland Point ...	21-9	91	10.5	6.0	8.3	-	15.2	20	3.0	1	-	-	23	46	15	23	5	4	0	0	0	0	0	2	0	1	0	0	5.63	93	-	
Mount Batten ...	21-9	27	11.8	5.4	8.6	-0.6	17.1	20	0.4	27	-	-	37	66	14	25	10	5	0	0	0	0	0	0	0	11	3	0	5.75	95	-	
Plymouth Hoe ¶	99	36	12.3	5.5	8.9	-0.8	17.5	20	1.0	27	9.5	8.9	36	64	13	25	11	7	0	0	0	0	0	0	0	13	-	0	5.09	84	-	
Tavistock ...	99	139	12.3	3.6	7.9	-0.9	18.1	22	-0.2	17	-	-	43	50	13	8	7	6	0	0	0	0	0	3	-	0	-	0	-	-	-	
Chivenor ...	21-9	6	12.6	5.4	9.0	-0.6	19.1	20	0.4	27	-	-	45	83	19	23	8	6	0	0	0	0	1	0	0	9	1	0	5.33	-	-	
Ilfracombe ...	99	8																														
Totnes ...	99	84	12.1	2.6	7.3	-	18.4	22	-1.2	27	8.4	8.4	88	-	10	25	11	6	-	0	-	-	-	0	6	20						

Table 3 Summary of daily observations

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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		
			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'n	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																				
NORTHERN IRELAND — continued																														
Londonderry — continued																														
Garvagh Forest ...	99	88	11.3	2.8	7.1	-	16.9	21	-1.2	9	7.8	7.1	94	-	35	23	14	10	0	0	0	0	0	0	4	15	-	-	-	-
Moneydig ...	21-9	34	11.9	2.7	7.3	-0.6	17.1	21	-2.6	9	8.3	-	91	133	35	23	13	9	1	0	2	0	0	0	8	18	9	0	-	-
Traad Point ...	99	16	-	-	-	-	-	-	-	-	-	-	89	-	28	23	13	8	0	-	0	0	1	-	-	-	-	4.01	-	-
Antrim																														
Ballymoney ...	99	55	11.9	3.2	7.5	-	17.7	21	-1.2	11	-	-	82	-	29	23	13	9	0	-	1	0	0	0	5	-	-	-	-	-
Lisnafillan ...	99	38	11.6	3.1	7.3	-	16.9	21	-2.6	28	-	-	87	-	25	24	11	9	0	0	0	0	0	0	3	15	-	-	4.92	-
Aldergrove §	21-9	68	11.4	3.8	7.6	-0.3	16.6	21	-1.3	9	8.3	7.6	106	173	45	23	10	7	0	0	0	0	0	0	2	16	11	0	5.07	102
Greenmount ...	99	32	11.7	3.2	7.5	-	16.9	21	-2.2	9	8.4	-	96	-	36	23	10	5	0	0	0	0	0	0	7	12	-	-	-	-
Altnahinch ...	99	226	9.8	2.4	6.1	-	16.7	21	-1.1	9,28	-	-	113	-	42	23	15	8	0	0	2	0	0	3	7	14	-	2	4.73	-
Parkmore Forest ...	99	235	9.7	2.6	6.1	-	15.6	21	-1.1	8,17	7.1	-	137	140	46	23	12	9	0	0	0	0	0	4	20	-	0	-	-	-
Black Mountain ...	21-9	295	9.3	3.0	6.1	-	14.5	15	-2.5	17	-	-	133	-	45	23	10	9	0	0	0	0	0	6	2	-	3	-	-	-
Lowtown ...	99	271	9.7	2.3	6.0	-	14.4	21	-3.3	28	7.0	-	104	-	38	23	7	5	0	0	0	0	0	2	3	16	-	2	5.01	-
Ballypatrick Forest ...	99	152	9.5	3.1	6.3	-	14.3	21	-0.8	9	-	-	120	158	43	23	14	7	0	0	0	0	0	1	3	16	-	0	3.92	-
Belfast Malone §	99	35	11.7	4.1	7.9	-	16.1	21	-1.4	28	8.4	-	102	-	41	23	9	6	0	-	0	0	0	2	7	-	-	4.62	-	-
Newtownabbey ...	99	32	11.2	5.2	8.2	-	16.8	21	1.6	17	8.8	-	107	-	41	23	8	5	0	0	0	0	0	1	0	9	-	0	4.88	-
Woodburn North ...	99	217	9.9	2.4	6.1	-	15.0	21	-2.1	28	-	-	122	157	45	23	11	5	0	0	0	0	0	3	5	13	-	0	-	-
Larne ...	99	43	11.7	4.6	8.1	-	16.2	21	0.1	17,28	-	-	120	176	39	23	12	8	0	0	0	0	0	1	0	-	-	0	-	-
Kilroot ...	99	22	10.9	4.6	7.7	-	15.7	21	0.0	17	-	-	103	-	35	24	9	6	0	0	0	0	0	0	8	-	-	-	-	-
Ballylumford ...	99	24	11.2	5.0	8.1	-	15.8	21	2.7	17	-	-	123	-	45	23	10	6	0	-	0	0	0	0	4	-	-	-	-	-
Down																														
Hillsborough §	99	116	10.7	3.4	7.1	-0.5	15.7	11	-0.6	28	7.8	7.4	103	184	47	23	10	5	0	0	1	0	0	1	1	15	-	0	4.77	99
Kilkeel ...	21-9	18	10.5	5.1	7.8	-0.3	15.4	18	1.1	28	-	-	79	-	24	23	10	7	0	0	0	0	0	0	5	2	0	5.01	-	-
Tollymore Park ...	99	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosetta ...	99	24	11.3	4.6	7.9	-	16.1	15,21	-0.6	28	-	-	107	-	41	23	6	5	0	-	0	0	0	1	1	-	-	-	-	-
Murlough ...	99	9	11.4	3.0	7.2	-	15.2	18	-2.8	28	7.8	7.6	108	-	49	23	9	4	0	0	1	0	0	1	7	14	-	0	4.91	-
Belfast Rosebank ...	99	47	11.9	4.2	8.1	-	16.4	15	0.1	28	-	-	113	-	48	23	8	5	-	0	-	-	-	-	0	-	-	-	-	-
Stormont Castle ...	99	56	11.6	4.5	8.1	-	16.8	15	0.1	17	8.7	8.1	99	168	37	23	8	5	0	0	0	0	0	2	0	11	-	0	5.23	-
Downpatrick ...	99	26	11.5	4.2	7.9	-	16.6	15	0.1	17	-	-	109	-	47	23	7	4	0	-	0	0	0	4	0	11	-	-	-	-
Creightons Green ...	99	119	10.3	3.9	7.1	-	14.8	21	0.7	17	-	-	111	-	50	23	8	4	0	0	0	1	0	1	0	13	-	0	-	-
Reagh Island ¹⁰ ...	99	12	11.8	5.0	8.4	-	15.4	15	1.5	17	-	-	107	-	48	23	8	4	0	-	0	0	0	0	7	-	0	4.80	-	-
Helens Bay ...	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Killough ...	21-9	15	10.4	4.9	7.7	-	(15.0)	18	0.6	28	-	-	105	-	47	23	8	4	0	0	0	0	0	1	0	7	1	0	-	-
Ballywalter Park ...	-	11	-	-	-	-	-	-	-	-	-	-	105	207	42	23	9	5	-	-	-	-	-	-	-	-	-	5.15	-	-
Armagh																														
Armagh ... §	99	62	12.1	3.8	7.9	-0.4	17.8	15	-0.2	9	9.4	8.7	83	156	35	23	10	8	0	0	1	0	0	3	2	15	-	0	3.89	81
Loughgall ...	99	25	11.7	3.3	7.5	-	17.0	15	-1.9	9	-	-	87	180	35	23	11	6	0	0	0	0	0	3	4	16	-	0	4.36	-
Tandragee ...	99	43	12.3	3.6	7.9	-	17.7	11	-1.5	9,28	-	-	85	-	33	23	10	6	-	-	-	-	-	3	-	-	-	-	-	-
Bessbrook ...	-	76	-	-	-	-	-	-	-	-	-	-	91	151	32	23	11	7	-	-	-	-	-	-	-	-	-	4.27	88	-
Portadown ...	99	16	11.9	3.3	7.6	-	17.3	15	-1.2	9	9.2	8.7	89	-	33	23	9	6	0	-	0	0	0	-	5	14	-	-	-	-
Lurgan ...	99	55	11.8	3.3	7.5	-	17.2	15	-1.9	28	8.6	8.2	97	-	38	23	8	6	-	-	-	-	-	-	4	15	-	-	4.33	-
Tyrone																														
Lough Bradan ...	99	169	11.0	2.3	6.7	-	16.7	15	-1.7	29	-	-	77	-	26	24	15	11	-	0	-	-	-	3	4	13	-	-	4.18	-
Baronscourt Forest ...	99	88	11.8	3.1	7.5	-	18.2	21	-1.6	9	-	-	61	-	20	23	12	10	1	0	0	0	0	2	5	15	-	-	-	-
Strabane Convent ...	99	44	12.2	3.4	7.8	-	17.3	12	-0.2	9	-	-	79	-	31	23	18	10	0	0	0	1	0	4	1	14	-	1	4.37	-
Carrigans ...	21-9	113	11.8	3.2	7.5	-	17.2	15,21	-1.3	9	-	-	72	-	28	23	13	9	0	0	0	1	0	4	4	13	5	0	-	-
Lislap Forest ...	99	209	11.1	1.8	6.5	-	17.2	21	-2.2	29	7.9	-	74	88	25	23	13	8	0	0	0	0	0	6	16	-	0	-	-	-
Knockmany Forest ...	99	73	11.9	2.5	7.2	-	17.3	15	-2.8	28	-	-	59	93	21	23	12	10	0	0	0	0	2	9	14	-	-	-	-	-
Pomeroy Forest ...	99	165	10.9	2.9	6.9	-	17.1	15	-1.0	9	8.4	-	74	-	21	23	12	9	0	0	1	0	0	1	4	15	-	0	-	-
Cookstown ...	99	77	11.3	3.4	7.3	-	17.1	15	-1.5	28	8.2	-	84	133	25	23	11	8	2	-	0	0	0	0	3	13	-	-	4.20	-
Fermanagh																														
Roscor ...	99	143	11.4	3.1	7.3	-	18.3	21	-2.5	28	-	-	69	96	17	22	16	12	0	0	0	1	1	4	6	15	-	0	-	-
Lough Navar Forest ...	99	148	11.6	1.8	6.7	-	18.0	15	-3.0	28	-	-	75	-	26	23	15	12	0	0	2	0	0	3	10	14	-	0	-	-
Castle Archdale ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Forest ... §	99	66	11.6	3.1	7.3	-0.7	16.9	11	-1.7	28	8.8	7.7	60	95	17	23	15	10	0	0	0	0	0	2	6	8	-	0	4.14	87
Lisnaskea ...	99	49	11.9	2.8	7.3	-	17.7	15	-1.9	28	-	-	50	-	13	23	12	10	0	-	0	0	0	3	8	14	-	0	3.79	-
Publie Forest ...	99	91	11.9	3.0	7.5	-	18.0	11	-2.6	28	-	-	60	-	17	23	16	11	0	0	0	0	0	1	7	9	-	-	-	-
CHANNEL ISLES																														
Guernsey Airport	21-9	104	10.6	6.2	8.2	-0.9	17.4	21	3.8	28	8.5	8.4	41	78	16	25	5	5	0	0	0	0	0	2	0	1	-	0	5.52	-
Guernsey L'Ancrese	99	5	11.9	7.0	9.5	-	17.2	19	5.4	1	-	-	39	-	18	25	4	4	0	-	0	0	0	-	0	-	-	0	5.82	-
Alderney ...	99	88	10.3	6.4	8.3	-	15.5	22	4.4	27	8.9	-	47	-	15															

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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)	dewpoint 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	speed (kt)														
																									34 or more	22-33	11-21	1-10									0		
																																						number of observations	
0 SCOTLAND N																																							
Lerwick [Zetland] ¹²																																							
83	3	1014.8	-	4.3	0.8	7.4	89	5.6	2	6	2	7	13	0	0	0	0	0	0	0	0	0	5	8	11	6	0	1	12	15	2	4	2	3	1	5	4	7	2
	9	1014.8	+3.7	6.0	1.4	7.6	81	6.4	0	1	5	19	5	0	0	0	0	0	0	0	0	3	6	13	8	0	3	14	13	0	0	3	7	1	3	3	7	4	2
	15	1014.7	-	-	-	-	-	6.5	0	1	4	19	6	0	0	0	0	0	0	0	0	2	4	5	12	7	1	7	11	11	0	0	3	4	1	4	4	8	2
	21	1015.4	-	4.7	-	-	-	6.5	0	4	1	14	11	0	0	0	0	0	0	0	0	1	7	6	9	7	0	5	9	12	4	3	4	3	1	2	5	4	4
Kirkwall [Orkney]																																							
26	3	1015.2	-	4.8	0.8	7.6	88	5.5	2	4	4	11	9	0	0	1	0	0	0	0	0	5	8	14	2	0	2	12	12	4	4	4	2	4	2	3	6	1	
	9	1015.8	+4.2	7.1	1.4	8.2	81	6.1	0	3	4	17	6	0	0	0	0	0	0	0	0	1	3	18	8	1	3	12	12	2	5	4	4	4	2	3	4	1	
	15	1015.4	-	8.4	2.0	8.1	73	5.5	0	5	5	16	4	0	0	0	0	0	0	0	0	1	5	17	7	2	4	12	12	0	5	1	7	1	1	5	5	1	
	21	1016.1	-	5.5	0.8	8.0	87	5.9	0	5	4	12	9	0	0	0	0	0	0	0	0	2	8	15	5	0	5	4	20	1	3	2	5	2	4	7	3	3	
Wick [Caithness]																																							
37	3	1015.2	-	4.5	0.8	7.4	87	5.0	4	4	4	13	5	0	0	0	1	0	0	0	0	3	11	11	4	0	2	9	14	5	2	2	4	4	2	1	8	2	
	9	1015.4	+3.4	7.2	1.5	7.9	78	6.3	0	2	4	20	4	0	0	0	0	0	0	0	0	2	8	10	10	1	3	10	16	0	4	4	4	4	4	1	6	3	
	15	1015.3	-	7.9	1.8	7.9	74	6.1	0	3	4	20	3	0	0	0	0	0	0	0	0	5	3	12	10	0	4	11	15	0	3	6	1	10	5	1	3	1	
	21	1016.1	-	5.6	0.9	7.8	85	5.5	0	4	9	10	7	0	0	0	0	0	0	0	0	7	7	11	5	0	2	6	21	1	5	2	2	6	4	3	4	3	
Cape Wrath* [Sutherland]																																							
113	3	1014.5	-	6.0	1.0	7.9	84	5.3	1	5	7	9	8	0	0	0	0	1	0	1	0	2	7	19	2	1	7	15	5	2	3	7	0	4	5	2	2		
	9	1014.9	-	6.3	1.0	8.1	85	6.2	0	9	12	9	9	0	0	0	0	0	0	0	0	2	8	18	1	2	6	19	2	1	4	6	3	1	9	3	1		
	15	1015.2	-	7.5	1.3	8.5	81	6.1	0	0	9	15	6	0	0	0	0	0	0	0	0	4	11	14	1	3	8	17	1	2	6	6	1	2	8	2	2		
	21	1015.4	-	6.4	0.9	8.3	86	6.1	0	3	7	10	9	1	0	0	1	0	0	0	0	2	12	15	1	1	10	17	1	1	4	8	1	0	12	0	3		
Stornoway [Ross & Cromarty]																																							
5	3	1015.1	-	5.0	0.6	8.0	91	5.2	4	5	2	8	11	0	0	0	0	0	0	0	0	1	16	7	6	0	2	11	13	4	1	2	6	3	4	5	4	1	
	9	1015.4	+3.4	7.7	1.1	8.9	84	6.1	1	0	10	13	6	0	0	0	0	0	0	0	0	4	11	10	5	0	2	17	9	2	3	5	4	5	5	1	2		
	15	1015.4	-	9.4	1.9	9.0	76	5.5	0	3	9	13	5	0	0	0	0	0	0	0	0	2	8	13	7	0	6	12	12	0	0	8	5	4	2	4	5	2	
	21	1016.0	-	6.3	0.7	8.6	89	5.3	1	5	4	13	7	0	0	0	0	0	0	0	0	3	12	7	8	0	1	12	14	3	1	4	5	2	2	4	5	4	
Benbecula [Inverness-shire]																																							
7	3	1015.3	-	5.9	0.5	8.5	91	5.1	4	3	4	13	6	0	0	0	1	0	0	0	0	6	6	8	9	0	1	7	11	11	3	1	3	1	4	4	2	1	
	9	1015.6	+3.1	7.9	1.0	9.1	85	6.1	0	3	5	13	9	0	0	0	0	0	0	0	0	1	3	8	10	8	0	2	12	13	3	2	5	2	4	5	4	1	
	15	1015.8	-	9.5	1.7	9.3	78	5.4	0	6	5	14	5	0	0	0	0	0	0	0	0	1	3	4	11	11	0	0	15	14	1	4	5	1	2	2	8	4	
	21	1016.2	-	6.9	0.8	8.8	87	4.8	0	9	5	11	5	0	0	0	0	0	0	0	0	1	2	6	4	17	0	0	10	14	6	2	6	4	2	2	4	2	
1 SCOTLAND E																																							
Kinloss [Moray]																																							
6	3	1015.5	-	4.9	0.9	7.5	86	6.0	1	3	5	13	8	0	0	0	0	0	0	0	0	7	7	10	5	0	0	10	19	1	1	5	6	0	1	12	3	1	
	9	1015.9	+3.4	7.5	1.7	7.9	76	5.7	0	7	1	16	6	0	0	0	0	0	0	0	0	8	4	12	0	1	15	14	0	4	2	5	2	0	10	6	1		
	15	1015.4	-	9.2	2.7	8.0	66	5.7	0	2	9	14	5	0	0	0	0	0	0	0	0	2	9	8	11	0	6	12	12	0	10	4	5	0	1	2	4	2	
	21	1016.3	-	6.7	1.4	7.9	81	5.4	0	6	6	14	4	0	0	0	0	0	0	0	0	1	8	5	10	6	0	1	10	15	4	3	0	9	2	1	7	4	
Dyce [Aberdeenshire]																																							
59	3	1015.6	-	4.2	0.7	7.3	89	6.2	1	1	6	12	10	0	0	0	0	1	4	6	9	5	5	0	0	5	19	6	5	1	3	1	3	3	4	4	3		
	9	1016.0	+3.0	7.1	1.6	7.9	78	6.0	0	3	6	14	7	0	0	0	0	1	1	7	12	2	7	0	1	15	11	3	9	2	4	3	2	1	3	3	4	3	
	15	1015.5	-	8.9	2.3	8.1	71	6.3	0	2	5	17	6	0	0	0	0	1	2	5	9	7	6	0	3	18	9	0	6	1	5	6	7	1	1	1	1		
	21	1016.4	-	5.7	1.0	7.7	84	5.7	1	3	8	9	9	0	0	0	1	1	4	6	9	7	2	0	0	10	17	3	5	2	4	2	4	2	3	5	5		
Fraserburgh [Aberdeenshire]																																							
22	3	1015.5	-	6.1	0.4	8.8	94	5.4	0	6	8	5	11	0	0	0	0	0	0	0	4	15	11	0	1	1	12	13	3	5	2	4	2	4	1	7	2		
	9	1015.8	+3.3	7.1	0.6	9.3	92	6.0	0	3	7	11	9	0	0	0	0	0	0	0	5	13	12	0	0	4	13	9	4	7	0	3	4	1	3	6	2		
	15	1015.7	-	7.9	0.7	9.7	91	5.6	0	2	10	10	8	0	0	0	0	0	0	0	0	3	12	13	1	1	13	12	2	6	1	5	6	3	0	4	3		
	21	1016.0	-	6.8	0.5	9.1	92	5.7	0	4	8	9	9	0	0	0	0	0	0	0	5	12	13	0	1	2	13	12	2	5	1	3	3	8	2	4	2		
Usan [Angus]																																							
35	3	1016.4	-	7.4	0.9	9.1	88	5.3	0	7	5	10	7	1	0	1	0	0	0	0	1	5	8	5	10	0	2	10	14	4	4	5	5	1	4	2	5	0	
	9	1015.3	-	8.5	0.9	9.7	88	5.3	0	6	7	14	3	0	0	0	0	0	0	0	3	7	5	12	0	2	13	13	2	1	1	9	3	9	1	4	0		
	15	1016.8	-	6.3	0.5	8.9	93	5.8	0	4	6	12	8	0	0	0	0	0	0	0	0	7	4	8	11	0	2	7	15	6	7	0	6	0	3	4	4	0	
Leuchars [Fife]																																							
12	3	1015.4	-	4.3	0.6	7.5	90	5.3	3	5	5	7	10	0	0	0	0	2	3	2	9	12	2	0	1	7	14	8	5	2	3	1	0	4	6	1			
	9	1015.9	+2.5	7.4	1.6	8.1	79	5.4	0	5	8	11	6	0	0	0	0	0	3	3	11	5	8	0	3	11	13	3	5	2	3	1	1	3	5	3	3		
	15	1015.2	-	9.4	2.2	8.4	73	5.6	0	5	6	13	6	0	0	0	0	0	2	3	8	10	7	0	1	18	11	0	0	3	15	2	2	4	3	1	0		
	21	1016.1	-	6.2	0.9	8.1	85	5.5	1	5	5	12	7	0	0	0	0	0	3	4	7	11	5	0	1	9	14	6	2	3	9	2	1	5	0	2			
Turnhouse [Midlothian]																																							
44	3	1015.6	-	4.6	0.7	7.6	89	5.7	2	2	5	13	8	0	0	0	0	1	3	8	13	3	2	0	1	5	11	13	2	4	4	0	0	4	3	0			
	9	1015.9	+2.1	7.3	1.4	8.1	79	6.3	0	4	2	17	7	0	0	0	0	2	6	4	12	3	3	1	0	12	12	5	2	7	6	0	0	3	6	1			
	15	1015.3	-	10.3	2.8	8.2	66	6.1	0	3	3	18	6	0	0	0	0	0	2	5	10	10	3	0															

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

¹³Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW						
																																						speed (kt)					
number of observations																																											
3 ENGLAND E - continued																																											
Wattisham [Suffolk]																																											
91	3	1014.1	-	4.8	0.6	7.9	91	5.9	3	4	2	5	13	3	0	2	2	0	1	9	6	6	4	0	0	0	6	24	0	3	9	10	0	0	3	2	3						
	9	1014.9	-	7.2	1.4	8.2	80	7.0	0	2	1	12	14	1	0	0	1	0	1	8	6	9	4	0	0	0	9	21	0	3	9	10	0	0	3	2	3						
	15	1014.1	-	9.5	2.6	7.9	67	6.6	0	1	5	15	9	0	0	0	0	0	0	5	6	8	8	0	0	0	13	16	1	5	11	8	1	0	0	2	1						
	21	1014.8	-	6.2	1.1	8.0	83	6.0	2	2	5	7	13	1	0	0	0	2	1	2	11	7	7	0	0	0	7	22	1	5	11	5	2	2	1	2							
Aldeburgh [Suffolk]																																											
9	3	1014.8	-	-	-	-	-	6.6	1	1	4	10	14	0	0	0	1	1	2	6	8	12	0	0	0	2	13	13	2	2	14	6	1	0	2	1	2						
	9	1014.4	-	-	-	-	-	5.9	1	2	9	4	14	0	0	0	0	0	1	8	8	13	0	0	0	1	17	11	1	2	15	5	0	2	2	1	2						
	15	1014.4	-	-	-	-	-	4.7	8	5	0	1	16	0	0	0	0	1	2	3	7	17	0	0	0	4	13	12	1	4	14	5	0	1	2	1	2						
Wytton [Huntingdonshire]																																											
43	3	1014.9	-	5.0	0.7	7.9	89	6.0	1	4	4	5	15	1	0	1	0	2	1	4	9	11	2	0	0	0	2	26	2	3	12	5	0	1	3	2	2						
	9	1015.6	-	7.6	1.5	8.4	80	6.8	0	2	3	10	15	0	0	0	0	1	0	7	13	2	0	0	0	0	8	22	0	6	9	6	3	1	3	0	2						
	15	1014.7	-	10.5	2.9	8.3	66	7.1	0	0	1	18	11	0	0	0	0	0	0	3	9	11	6	1	0	0	10	20	0	5	11	5	1	1	2	3	2						
	21	1015.6	-	6.9	1.4	8.0	80	5.2	3	7	2	6	12	0	0	0	0	0	1	5	6	15	3	0	0	0	7	23	0	5	10	8	2	0	3	2	0						
Cardington [Bedfordshire]																																											
29	3	1014.6	-	4.9	0.5	8.1	92	5.5	7	2	1	2	17	1	0	1	0	0	5	3	9	10	2	0	0	0	4	25	1	9	10	4	0	1	3	2	0						
	9	1015.3	-0.5	7.7	1.4	8.5	81	6.5	0	3	5	6	16	0	0	0	0	0	1	5	11	11	2	0	0	0	10	19	1	5	12	5	1	0	2	3	1						
	15	1014.3	-	11.0	3.1	8.3	64	6.0	0	4	5	12	9	0	0	0	0	0	0	12	12	6	0	0	0	0	13	16	1	6	12	3	1	1	3	3	0						
	21	1015.2	-	6.8	1.2	8.2	83	4.6	3	9	3	7	8	0	0	0	0	0	2	2	12	14	0	0	0	0	4	26	0	4	12	3	5	0	4	1	1						
Stansted [Essex]																																											
102	3	1015.2	-	7.8	1.2	8.8	83	6.8	0	1	4	8	16	1	0	0	0	1	2	8	11	2	4	2	0	0	19	11	0	5	10	6	2	1	2	3	1						
	9	1014.5	-	9.2	2.0	8.6	74	6.3	0	5	1	11	13	0	0	0	0	0	5	12	5	3	5	0	0	0	20	10	0	2	6	13	3	0	2	3	1						
	15	1014.9	-	6.8	1.0	8.5	86	5.4	5	4	2	4	14	1	0	1	0	1	1	5	10	6	3	3	0	0	14	15	1	4	12	6	1	0	4	2	0						
Shoeburyness [Essex]																																											
5	9	1015.2	-0.9	7.8	1.2	8.8	83	6.8	0	1	4	8	16	1	0	0	0	1	2	8	11	2	4	2	0	0	19	11	0	5	10	6	2	1	2	3	1						
	15	1014.5	-	9.2	2.0	8.6	74	6.3	0	5	1	11	13	0	0	0	0	0	5	12	5	3	5	0	0	0	20	10	0	2	6	13	3	0	2	3	1						
	21	1014.9	-	6.8	1.0	8.5	86	5.4	5	4	2	4	14	1	0	1	0	1	1	5	10	6	3	3	0	0	14	15	1	4	12	6	1	0	4	2	0						
Walton-on-Naze [Essex]																																											
8	3	1014.3	-	6.3	0.9	8.3	87	5.8	4	2	4	4	15	1	0	1	0	1	3	0	15	10	0	0	0	0	14	14	2	3	11	5	3	0	0	3	3						
	9	1015.1	-	7.6	1.4	8.4	80	6.4	0	5	3	5	16	1	0	0	1	0	2	6	13	8	0	0	0	2	17	11	0	3	10	8	3	1	2	2	1						
	15	1014.7	-	8.6	1.8	8.5	76	6.0	1	2	8	5	14	0	0	0	0	0	3	5	12	10	0	0	0	2	17	9	2	2	5	13	2	1	2	2	1						
	21	1015.0	-	7.1	1.1	8.5	84	5.3	4	4	5	3	13	1	0	0	0	3	1	3	10	13	0	0	0	1	16	12	1	2	11	7	2	1	2	2	2						
4 MIDLAND COUNTIES																																											
Huddersfield Oakes [Yorkshire W.R.]																																											
235	3	1015.3	-	3.7	0.7	7.1	88	6.4	3	1	3	3	19	1	0	2	1	3	4	8	4	5	3	0	0	1	0	20	9	1	4	6	2	1	1	5	1						
	9	1015.9	+0.6	5.8	1.0	7.9	85	6.9	1	2	2	4	20	1	0	2	1	4	2	4	9	5	3	0	0	0	3	21	6	2	9	5	0	0	2	4	2						
	15	1015.4	-	9.2	2.4	8.1	70	6.8	0	0	5	12	13	0	0	0	0	0	1	5	5	12	6	1	0	0	6	20	4	2	10	7	1	1	0	4	1						
	21	1015.9	-	6.0	1.1	7.9	84	6.0	1	3	6	6	14	0	0	1	0	0	1	4	9	9	6	0	0	1	3	18	8	4	6	5	1	0	0	5	1						
Watnall [Nottinghamshire]																																											
119	3	1015.0	-	4.9	0.6	8.0	92	5.5	5	2	3	7	13	0	0	0	0	2	5	2	13	7	1	0	0	0	5	24	1	3	10	6	1	0	3	1	5						
	9	1015.5	-0.2	7.2	1.2	8.4	83	6.5	0	3	4	7	16	0	0	0	0	2	2	8	9	7	0	0	0	0	13	16	1	2	10	9	1	2	2	1	2						
	15	1014.6	-	10.3	2.5	8.7	70	6.5	1	0	6	13	10	0	0	0	0	0	1	5	5	13	6	0	0	0	11	19	0	2	7	10	1	3	1	5	1						
	21	1015.6	-	6.7	1.2	8.3	83	5.4	2	5	5	9	9	0	0	0	1	0	3	2	13	11	0	0	0	0	8	22	0	3	9	12	0	2	2	2	2						
Finningley [Nottinghamshire]																																											
14	3	1015.0	-	5.3	0.6	8.1	91	6.0	2	2	6	4	15	1	0	0	1	1	2	5	12	3	4	2	0	0	1	23	6	9	3	2	2	1	2	0	5						
	9	1015.6	+0.4	7.8	1.4	8.6	80	6.6	0	2	4	10	14	0	0	0	0	0	1	7	12	8	2	0	0	0	4	25	1	9	8	4	2	1	0	3	2						
	15	1014.8	-	10.7	2.7	8.7	68	6.9	0	1	2	16	11	0	0	0	0	0	0	11	9	11	3	1	0	0	8	22	0	3	8	7	4	3	0	5	0						
	21	1015.8	-	7.0	1.2	8.3	83	5.9	2	3	5	6	14	0	0	0	0	0	1	2	9	6	11	1	0	0	3	27	0	5	4	12	3	1	2	2	1						
Wittering [Northamptonshire]																																											
67	3	1014.8	-	5.1	0.7	7.9	89	5.4	8	1	0	6	15	0	0	0	1	1	1	7	10	6	4	0	0	0	5	25	0	5	7	8	1	1	1	3	4						
	9	1015.3	-0.4	7.3	1.3	8.4	81	6.9	0	1	4	9	16	0	0	0	0	2	1	7	5	6	9	0	0	0	10	20	0	5	10	7	2	-0	3	0	3						
	15	1014.4	-	10.3	2.8	8.3	67	6.5	0	1	7	14	8	0	0	0	0	0	0	3	3	8	11	5	0	0	17	13	0	1	12	5	2	2	0	6	2						
	21	1015.3	-	6.8	1.3	8.1	81	5.4	3	2	7	9	9	0	0	0	1	1	4	7	9	8	0	0	0	0	10	20	0	5	12	4	3	1	1	4	0						
Edgbaston [Warwickshire]																																											
165	9	1015.7	-0.2	6.6	1.3	8.0	82	6.8	0	1	6	8	15	0	0	0	1	1	3	7	9	7	2	0	0	0	10	19	1	2	11	6	2	3	2	2	1						
	15	1014.8	-	10.0	2.9	7.8	64	6.6	0	7	7	14	9	0	0	0	0	0	0	5	10	9	6	0	0	0	8	22	0	1	9	7	4	3	3	2	1						
	21	1015.6	-	8.1	1.9	8.0	74	5.8	2	2	5	12	9	0	0	0	0	0	0	4	14	9	3	0	0	0	6	23	1	1	9	8	3	2	4	1	1						
Elmdon [Warwickshire]																																											
100	3	1014.8	-	4.6	0.8	7.6	88	5.6	2	4	5	6	12	1	0	1	0	0	1	7	12	7	2	0	0	0	5	19	6	2	9	2	4	1	2	1	3						
	9	1015.4	-0.4	7.2	1.5	8.1	80	6.7	0	2	3	13	11	0	0	0	1	0	1	7	12	9	1	0	0	0	11	18	1	3	12	5	3	1	1	4	0						
	15	1014.3	-	10.4																																							

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

¹⁴Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	speed (kt)												
																									34 or more	22-33	11-21	1-10									0
number of observations																																					
8a SOUTH WALES																																					
Aberporth [Cardiganshire]																																					
134	3	1014.2	-	6.2	1.0	8.1	85	4.7	9	2	2	4	13	0	0	0	0	2	6	9	8	5	0	0	0	1	10	16	3	2	4	9	4	3	3	1	1
	9	1014.5	-1.1	7.9	1.7	8.1	76	5.5	1	7	1	11	9	1	1	1	0	0	4	6	14	3	1	0	0	12	16	2	2	9	5	3	2	1	5	1	
	15	1014.0	-	9.4	2.1	8.6	74	6.0	1	4	3	9	12	1	0	1	0	2	0	1	12	7	4	3	0	0	14	16	0	7	6	2	2	1	1	5	6
	21	1014.6	-	7.7	1.3	8.6	83	5.0	4	7	1	9	8	1	0	1	0	0	5	13	5	5	1	0	0	14	12	4	2	10	3	4	1	3	2	1	
Milford Haven Conservancy Board [Pembrokeshire]																																					
39	3	1014.1	-	7.1	1.0	8.8	87	4.8	9	1	3	1	15	1	0	0	1	0	3	16	7	2	0	0	0	10	14	5	2	8	9	1	0	2	1	2	1
	9	1014.8	-1.2	8.3	1.5	8.8	81	4.7	7	3	5	5	10	0	0	0	0	1	6	18	4	1	0	0	0	11	14	5	1	7	10	1	1	2	2	1	
	15	1014.4	-	10.6	2.1	9.5	75	5.6	5	1	5	3	16	0	0	0	0	0	4	19	6	1	0	0	0	13	15	2	2	4	8	3	1	5	2	3	
	21	1014.6	-	8.6	1.4	9.1	82	5.3	6	2	4	2	14	2	0	0	1	0	3	16	7	3	0	0	0	5	21	4	7	7	5	1	0	3	2	1	
Brynamman [Carmarthenshire]																																					
-	9	-	-	7.9	1.6	8.4	78	5.6	1	7	1	10	11	0	0	1	0	0	4	6	10	4	4	1	0	0	2	25	3	1	6	2	10	2	1	3	2
	15	-	-	10.8	2.4	9.2	71	6.1	0	5	3	9	13	0	0	0	0	0	6	5	8	3	8	0	0	0	3	27	0	1	7	3	5	2	3	6	3
	21	-	-	7.5	1.3	8.5	82	5.2	2	7	3	10	8	0	0	0	0	0	2	3	23	1	0	1	0	0	2	25	3	1	12	3	4	0	0	3	4
Mumbles [Glamorgan]																																					
37	3	1013.8	-	7.2	1.3	8.4	82	4.8	7	3	5	3	10	2	0	1	0	2	1	0	9	11	6	0	0	1	10	18	1	5	5	11	1	1	1	4	1
	9	1014.1	-	8.6	1.8	8.6	77	5.5	2	6	3	6	12	1	0	0	1	0	1	6	15	4	3	0	0	0	15	12	3	0	4	15	2	0	1	4	1
	15	1013.5	-	10.1	2.1	9.2	75	5.6	2	3	5	9	11	0	0	0	0	0	2	5	9	9	4	1	0	2	14	13	1	0	2	10	1	2	8	5	1
	21	1014.1	-	8.7	1.7	8.8	78	5.0	3	5	6	5	10	1	0	0	1	0	0	1	12	10	6	0	0	1	8	18	3	2	7	7	0	1	4	3	3
Rhoose [Glamorgan]																																					
69	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
8b ENGLAND SW																																					
Yeovilton [Somerset]																																					
23	3	1014.3	-	5.3	0.9	7.8	87	4.1	8	4	7	1	10	0	0	1	1	0	1	14	12	1	0	0	0	0	7	14	9	3	5	5	2	1	1	3	1
	9	1014.7	-	7.9	1.5	8.6	80	5.9	1	5	3	8	13	0	0	0	0	1	3	7	16	3	0	0	0	1	11	13	5	2	8	9	0	0	2	4	0
	15	1013.8	-	12.0	3.4	8.6	82	5.9	1	2	8	9	10	0	0	0	0	0	0	5	16	8	1	0	0	1	15	13	1	1	10	7	2	2	1	3	3
	21	1014.5	-	8.0	1.6	8.4	77	4.8	4	4	7	7	8	0	0	0	0	0	4	8	11	7	0	0	0	1	6	16	7	4	6	6	3	0	1	3	0
Portland Bill [Dorset]																																					
54	3	1013.4	-	6.5	0.6	8.9	91	4.4	9	3	3	2	12	1	0	0	0	2	1	4	16	4	3	0	0	2	15	12	1	2	8	12	1	0	1	2	3
	9	1013.8	-	7.7	1.0	9.2	87	6.3	0	4	5	8	11	2	0	1	0	3	1	5	12	5	3	0	0	1	19	10	0	0	4	20	0	0	2	2	2
	15	1013.3	-	9.4	1.4	9.6	82	4.9	3	7	4	5	10	1	0	0	1	2	2	8	9	3	5	0	0	1	14	13	2	0	5	11	3	1	1	6	1
	21	1013.8	-	7.4	0.9	9.1	88	4.3	5	8	5	1	9	2	0	2	0	1	1	2	16	5	3	0	0	3	13	12	2	3	7	10	1	0	0	3	4
Hartland Point [Devon]																																					
93	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	1014.3	-	7.8	1.2	8.8	83	5.5	1	4	6	12	5	2	1	1	0	0	1	1	4	20	2	0	0	3	11	14	2	0	12	6	1	2	2	3	2
	15	1014.2	-	9.3	1.7	9.2	79	4.9	0	9	5	7	8	1	0	1	0	0	0	9	17	2	1	0	2	16	9	3	1	14	2	1	2	0	6	1	
	21	1014.8	-	8.3	1.4	8.9	82	4.7	4	5	5	8	7	1	0	2	0	0	0	1	9	14	3	1	0	1	19	9	1	1	10	8	3	1	1	3	2
Mount Batten [Devon]																																					
30	3	1013.6	-	6.4	0.8	9.5	88	4.1	8	4	4	6	6	2	0	0	1	1	2	8	16	1	0	0	0	7	19	4	3	7	9	1	1	0	5	0	
	9	1014.0	-2.5	8.5	1.4	9.1	81	5.5	1	6	3	10	10	0	0	0	0	0	1	4	13	5	7	0	0	1	12	14	3	2	2	16	1	0	2	2	2
	15	1013.3	-	10.9	2.4	9.3	72	5.5	3	3	5	9	10	0	0	0	0	0	1	2	14	8	4	1	0	2	13	15	0	0	3	13	3	2	4	3	2
	21	1014.1	-	8.3	1.4	8.9	81	4.4	4	7	5	7	7	0	0	0	0	0	1	3	15	8	1	2	0	0	11	15	4	2	4	12	1	0	1	4	2
Chivenor [Devon]																																					
7	3	1013.9	-	6.5	1.0	8.4	85	4.5	8	3	5	2	12	0	0	0	0	0	2	2	14	9	2	1	0	0	5	18	7	1	2	12	2	0	2	2	2
	9	1014.3	-1.9	8.7	1.6	8.8	77	5.7	1	3	6	11	9	0	0	0	0	0	0	5	9	9	5	2	0	0	12	14	4	1	2	10	7	1	0	4	1
	15	1013.6	-	11.6	3.0	8.9	66	5.3	0	7	6	7	10	0	0	0	0	0	1	1	10	8	6	4	0	1	16	12	1	4	3	7	7	0	0	6	2
	21	1014.4	-	8.4	1.5	8.8	80	5.2	2	5	5	10	8	0	0	1	0	1	2	10	10	4	2	0	0	4	19	7	1	2	10	4	0	1	3	2	
Exeter [Devon]																																					
38	3	1013.9	-	5.4	0.6	8.2	91	4.3	9	3	3	5	9	1	1	0	0	3	1	4	10	8	2	1	0	0	7	17	6	6	8	2	2	1	0	3	2
	9	1014.4	-2.1	7.9	1.2	9.0	83	5.9	1	5	3	8	13	0	0	0	0	0	5	11	8	3	3	0	2	10	15	3	4	9	5	1	3	0	2	3	
	15	1013.4	-	11.3	2.6	9.3	69	5.5	3	3	3	13	8	0	0	0	0	0	0	1	12	6	6	5	0	3	13	13	1	2	9	2	8	4	1	2	1
	21	1014.3	-	7.7	1.2	8.8	83	5.2	4	5	3	6	11	1	0	1	0	0	1	2	10	12	2	2	0	2	6	16	6	1	9	4	4	1	0	5	0
Scilly [Cornwall]																																					
61	3	1013.4	-	8.0	1.0	9.3	87	4.2	8	4	4	4	10	0	0	0	0	1	5	9	8	5	2	0	0	14	11	5	2	6	11	1	1	1	1	2	
	9	1013.7	-2.6	9.0	1.3	9.5	82	5.6	0	5	7	9	8	1	0	0	2	0	6	14	2	6	0	0	0	15	12	3	2	5	9	5	2	1	3	0	
	15	1013.5	-	9.5	1.5	9.6	81	6.0	0	3	8	6	11	2	0	0	0	2	0	5	14	5	4	0	0	1	17	11	1	2	6	10	2	1	0	5	3
	21	1013.6	-	8.1	0.9	9.4	86	4.4	6	6	4	4	9	1	0	1	0	0	1	5	12	6	4	1	0	0	14	15	1	3	7	10	1	1	1	4	2
St Mawgan [Cornwall]																																					
107	3	1013.6	-	6.3	0.7	8.6	89	3.7	10	3	5	5	6	1	0	1	0	0	2	6	4	12	5	0	0</												

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

APRIL 1971

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

Table 6 Summary of autographic records of wind

APRIL 1971

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					year from N	speed (kt)	hour ended at day hour		year from N	speed (kt)	day and time								
0 SCOTLAND N				93	10	10	18	6	12	104	266	263	81	0	12.2	230	38	18	11	230	60	18	0855										
Zetland Lerwick ...				41	15	10	18,28	15	9	112	232	286	75	0	12.6	250	39	18	15	250	67	18	1345										
Orkney Kirkwall ...				34	12	9	18	1	9	111	222	299	87	0	11.5	250	36	18	13	250	57	18	1220										
Caithness Dounreay ...				45	10	10	18	1	7	48	247	261	168	0	10.1	270	35	18	09	270	59	18	0850										
Wick ...				24	10	10		0	2	9	141	234	336	0	5.7	260	29	18	14	260	49	18	1330										
Sutherland Shin ...				37	12	11	18	12	11	118	328	145	117	0	13.6	260	39	18	11	260	63	18	1205										
Ross & Stornoway Coastguard				38	20	17	Defective record																										
Cromarty Duirinish ...				16	10	10		0	2	12	266	278	164	0	8.7	260	25	18	05	250	49	18	0915										
Inverness Benbecula ...				23	15	12		0	8	65	219	171	247	18	9.5	260	33	18	01	260	49	18	0040										
Corpach ...				58	16	16		0	2	5	139	259	317	0	5.6	230	25	18	12	230	45	18	1120										
Fort Augustus NSHEB ¹⁵				19	10	10		0	4	23	243	294	160	0	8.8	250	29	18	11	260	46	18	1105										
Dalcross ...				1075	10	10	Defective record																										
Cairngorm ...																																	
1 SCOTLAND E				18	13	13	18	1	7	50	241	306	122	0	10.1	250	34	18	12	250	52	18	1105										
Moray Kinloss ...				31	24	18	18	5	7	57	207	272	179	0	9.6	270	38	18	13	290	55	18	1350										
Lossiemouth ...				72	10	10		0	6	39	251	269	161	0	9.6	330	31	16	15	330	49	16	1450										
Aberdeen Dyce ...				29	13	11	16,28	13	7	68	331	229	79	0	12.6	320	36	16	15	330	50	16	2050										
Fraserburgh ...				39	40	38	17,18	7	11	88	323	197	105	0	12.7	240	36	17	19	250	53	18	0205										
Angus Bell Rock ...				307	17	17		0	3	21	154	309	205	31	7.6	270	28	18	03	270	42	18	0225										
Perth Rannoch ...				161	16	16		0	1	12	83	307	318	0	5.2	270	25	18	04	270	49	18	0340										
Tummel Bridge ...				25	13	13		0	5	40	266	283	131	0	9.6	240	31	18	01	250	48	18	0535										
Fife Leuchars ...				43	13	10	18	4	4	30	217	294	175	0	8.5	250	37	18	11	250	58	18	1025										
Midlothian Turnhouse ...																																	
6a SCOTLAND W				24	16	12		0	6	54	290	308	68	0	10.9	250	27	18	03	250	53	18	0250										
Argyll Tiree ...				24	13	13		0	3	18	303	294	105	0	9.8	330	26	16	17	270	39	18	0645										
Machrihanish ...				166	10	10	17,18	2	6	52	233	266	165	2	9.6	360	36	17	24	360	52	17	2325										
Dunbarton Cumbernauld ...				57	25	9		0	2	2	87	318	313	0	5.3	280	22	18	15	280	47	18	1150										
Renfrew Paisley ...				16	10	10		0	4	27	227	309	157	0	8.7	250	31	18	15	250	45	18	1155										
Abbotsinch ...				24	20			0	5	33	257	348	82	0	10.0	270	27	18	11	240	41	18	0850										
Ayr Ardrossan ...				13	10	10	24	3	9	69	187	253	208	0	9.4	050	36	24	06	050	64	24	0655										
Hunterston ...				21	10	10		0	4	12	158	331	219	0	7.3	250	25	18	04	090	42	24	1530										
Prestwick ...				259	10	10	18	1	3	20	155	325	219	0	7.5	250	35	18	10	240	51	18	0940										
Dumfries Eskdalemuir ...				25	10	10		0	1	7	128	408	182	0	6.7	330	23	16	20	330	37	16	2005										
Wigtown West Freugh ...																																	
6b ISLE OF MAN				25	10	10		0	2	7	203	351	159	0	8.1	300	25	16	18	300	41	16	1925										
Ronaldsway ...				20	10	10		0	0	0	148	292	280	0	6.3	230	21	18	09	230	33	18	0825										
Point of Ayre ...																																	
2 ENGLAND NE				119	16	10		0	2	6	130	418	143	23	7.5	240	26	17	20	240	46	17	1920										
Durham Durham ...				22	17	13		0	1	1	163	358	198	0	7.0	260	22	18	13	270	39	18	1305										
South Shields ...				42	10	10		0	2	7	134	444	135	0	7.3	260	26	18	11	260	38	18	1035										
Yorks N.R. Leeming ...				23	19	19		0	3	8	215	343	138	16	8.7	230	30	18	11	230	42	18	1040										
Middlesbrough ...				80	10	10		0	0	0	244	443	33	0	9.0	250	20	18	12	270	30	16	1405										
Lincoln Waddington ...				77	13	13		0	1	2	277	373	68	0	9.5	240	22	18	09	280	34	16	1715										
Cranwell ...				16	10	10		0	2	2	253	415	50	0	9.2	250	23	18	10	270	38	16	1425										
Coningsby ...				118	10	10		0	2	2	227	395	96	0	8.3	290	24	16	15	290	36	16	1445										
Binbrook ...				26	10	10		0	0	0	174	447	99	0	8.0	240	19	18	10	240	31	18	0925										
Manby ...																																	
3 ENGLAND E				29	10	10		0	0	0	228	392	100	0	8.5	030	18	3	10	280	35	16	1315										
Norfolk Marham ...				93	17	14	Not yet in operation																										
West Raynham ...				27	10	10		0	0	0	154	450	116	0	7.3	030	17	3	13	300	27	16	1830										
Coltishall ...				16	13	13		0	2	9	402	275	34	0	11.3	360	24	3	02	360	30	3	0145										
Gorleston ...				60	13	13		0	0	0	212	427	81	0	8.3	290	19	16	20	270	33	16	1335										
Suffolk Honington ...				104	16	10		0	0	0	196	437	87	0	8.2	260	18	16	14	260	26	16	1340										
Wattisham ...				94	13	9		0	0	0	269	385	66	0	9.0	040	19	3	16	290	27	16	1025										
Bedford Bedford ...				69	41	41		0	0	0	328	329	63	0	9.9	230	21	18	12	250	24	16	1330										
Cardington ...				94	15	10		0	0	0	34	490	196	0	5.4	270	15	24	10	290	27	24	1515										
Hertford Garston ...				141	13	10		0	0	0	94	445	181	0	6.3	040	14	9	08	270	28	18	1100										
Rothamsted ...				108	10	10		0	0	0	233	378	109	0	8.4	080	18	21	14	260	31	16	1435										
Essex Stansted ...				36	32	28		0	8	52	462	178	28	0	13.5	070	27	21	16	300	39	16	1750										
Shoeburyness ...																																	

Table 6 Summary of autographic records of wind

APRIL

1971

79

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								year from N	speed (kt)	hour ended at		year from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

MAY
VOLUME 88**1971**
NUMBER 5

Sunnier than average in most areas.

Relatively high pressure on the first 4 days was followed by troughs of low pressure until the 10th; these troughs of low pressure were associated with depressions to the west of the British Isles. During the next 10 days or so the country was dominated first by an anticyclone and then by a ridge of high pressure separated by a cyclonic interlude from the 15th to 17th. On the 21st low pressure returned and continued until a ridge of high pressure developed over the country on the 31st.

Weather

It was a sunny month generally, and unusually so in east Scotland and north-east England. Weather in the northern half of the country was mainly changeable but some southern areas had spells of almost dry weather. Much of the rainfall was of a showery nature and most of the rain in the south fell in a few thundery outbreaks. Slight snow showers occurred on the peaks of the Scottish mountains around mid-month and on the 27th.

Wind

Although winds were often fresh or strong in northern districts they seldom reached gale force, except locally in gusts. Gales were reported, however, on the 9th/10th and 16th from one or two exposed places in Scotland and northern England, mainly on high ground. In parts of England and Wales on the 6th wind speeds exceeded gale force in gusts near heavy showers or thunderstorms.

Temperature

In most areas monthly mean temperature was near average but one or two places in Scotland were more than 1 degC warmer than average. The month began cool with air frost at night in parts of Scotland until the 5th, although it became warm by day on the 3rd away from coastal areas. The period 6th to 18th was generally warmer than average, but coastal districts were often cool and there were some very cool nights; air frost recurred in Scotland on the 13th and 14th and ground frost was widespread in the United Kingdom on the 17th and 18th. The remainder of the month was cool although southern England continued warm by day until the 22nd. During this last period, slight air frost was recorded at times in parts of Scotland and ground frost occurred widely in England and Wales around dawn on the 21st.

Rainfall

Most districts were drier than average. Although deficits were mainly small, less than half the average rainfall occurred in parts of south-west England (notably in south Devon), the south Midlands, north Wales and the adjacent counties of England, the Isle of Man and in small areas of south-west

Scotland and Northern Ireland. At Teignmouth (Devon) only 9.9 mm of rain (17 per cent of average) were recorded during the whole month; this is the lowest May rainfall here since continuous records commenced in 1910. On the other hand the average was exceeded by 50 per cent in a few small areas in Greater London, Sussex, Ross and Cromarty and the Shetland Islands. The first 5 days of the month were dry almost everywhere. On the 6th showers or outbreaks of rain with local thunderstorms occurred over much of England, Wales and southern Scotland; these thunderstorms led to minor flooding in several localities including Portsmouth and Bath, and also in the west Midlands where a house at Admaston (Shropshire) was struck by lightning and damaged. On the next day prolonged rain, which was sometimes heavy and thundery, occurred in southern and eastern England; according to the Press, large numbers of hailstones 'the size of new pennies' (2 cm diameter) occurred at Ilkley (West Riding of Yorkshire) and many parts of the town suffered minor flooding. Numerous places had little or no rainfall from the 8th to 14th and, after a changeable spell from the 15th to 17th, many southern and eastern areas were again virtually dry until the 23rd when rain occurred over much of the country with thunderstorms in the Midlands, West Country and eastern Scotland. Overnight on the 24th/25th periods of prolonged rain accompanied by thunderstorms in the Midlands and southern England led to local flooding. The London area was especially affected; minor flooding was reported from east London, lightning slightly damaged houses in Har-

row and Wembley, and large hailstones fell at Uxbridge where, at Honeycroft Nursery, 34 mm of rain were recorded in 35 minutes. A rainfall of this intensity is classified as 'remarkable'.

Sunshine

Amounts of sunshine were above average in Wales, over most of England and in much of Scotland apart from a few places in the north and west. Some areas in east Scotland and north-east England were much sunnier than average; here a few places had their sunniest May for over 25 years and one or two stations recorded about 250 hours of sunshine. Durham with 258.8 hours of sunshine had its sunniest May since records began in 1886 and Marchmont (Berwickshire) with 237.8 hours equalled its highest May sunshine total (in 1901) since records commenced in 1881. Some localities in the Midlands recorded their sunniest May for over 20 years but, on the other hand, amounts of sunshine in Northern Ireland were mostly a little below average.

Fog

Local early morning fog patches occurred in most areas at times during the month but around dawn on the 15th fog affected much of eastern England; this fog was particularly dense in East Anglia but it cleared fairly quickly during the morning. Sea fog affected coasts bordering the North Sea on the 8th, 12th, 13th and 15th, and hill and coastal fog were widespread in southern and western areas of England and Wales on the 10th, 11th and 30th.

Table 1 District Values

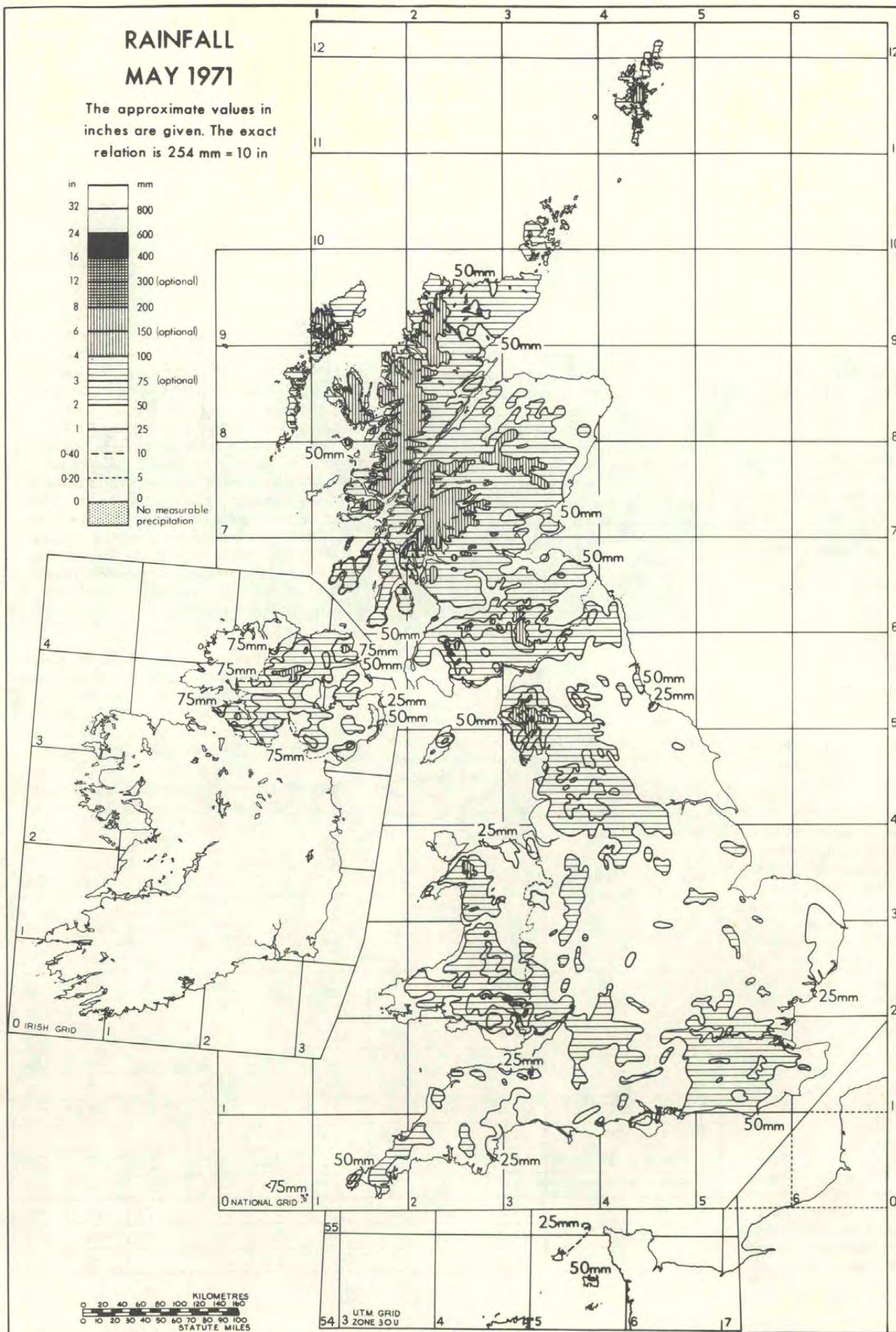
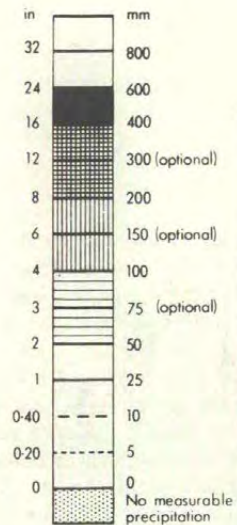
May, 1971

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. *	Lowest Min. *	max.	min.	mean				
			difference from average je						
0 Scotland N	20.0	+0.4	+1.2	+0.6	+1.0	—	0	114	102
1 Scotland E	20.0	+1.7	+1.5	+0.5	+1.0	+0.8	-1	85	126
2 England N E	22.8	-2.8	+0.4	-0.1	+0.1	+1.0	-2	81	130
3 England E	23.3	-1.7	+0.3	+0.1	+0.2	+0.4	-1	81	116
4 Midlands	21.6	-2.1	+0.6	0.0	+0.3	+0.8	-2	77	122
5 England S E	24.0	-1.1	+0.4	+0.2	+0.3	+0.4	0	110	111
6 Scotland W	19.7	-1.9	0.0	+0.1	+0.1	+0.5	+1	79	106
7 Eng NW - Wales N	21.6	0.0	+0.6	+0.3	+0.5	+0.5	-1	69	106
8 Eng SW - Wales S	22.1	-1.6	+0.7	+0.1	+0.4	+0.3	-2	69	119
N Ireland	20.0	+0.2	-0.2	-0.1	-0.1	—	-2	85	89
Scotland	20.0	-1.9	+0.9	+0.4	+0.7	—	0	94	111
Eng - Wales	24.0	-2.8	+0.5	+0.1	+0.3	—	-1	79	117

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

RAINFALL MAY 1971

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



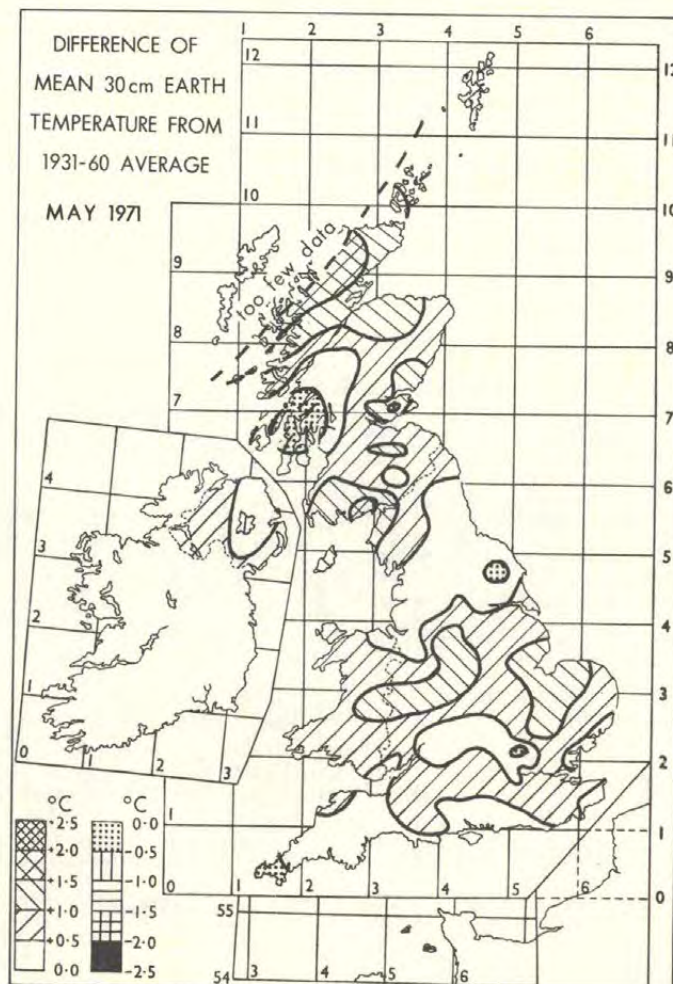
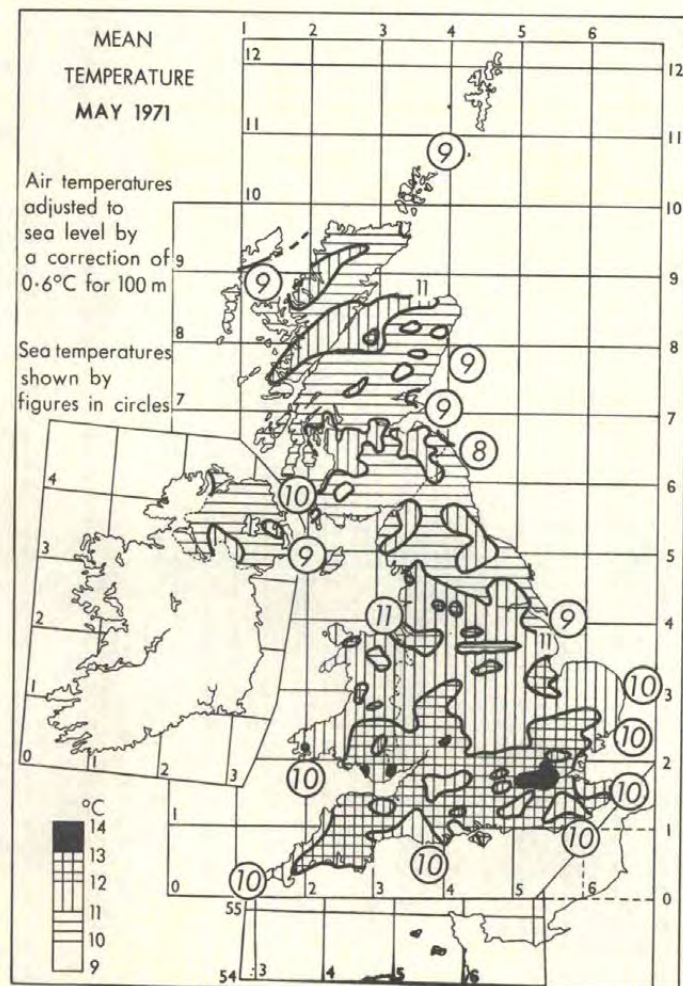
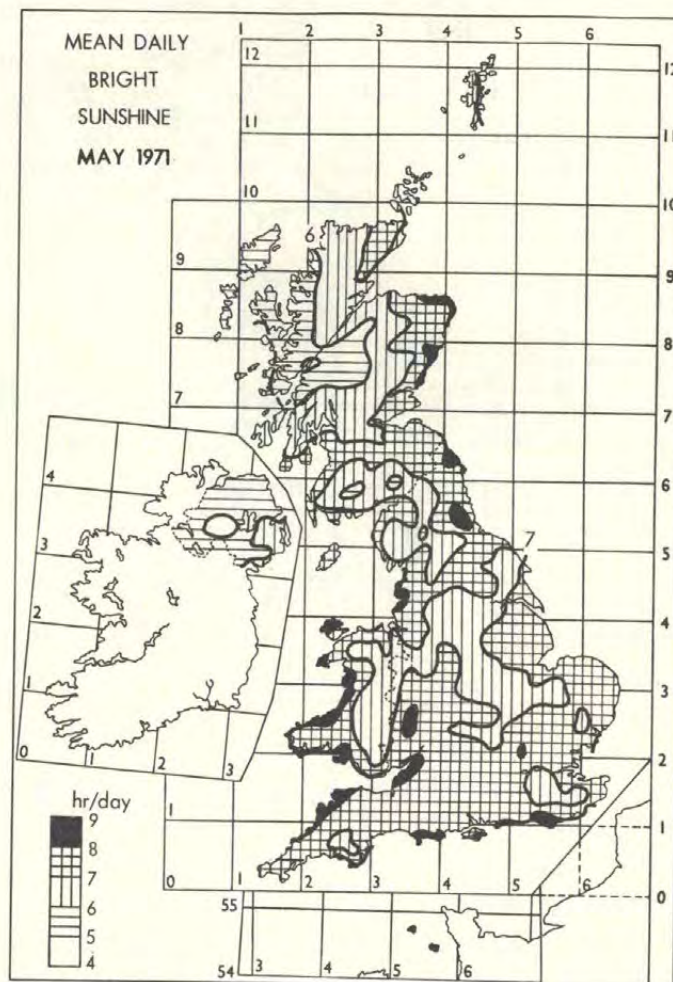
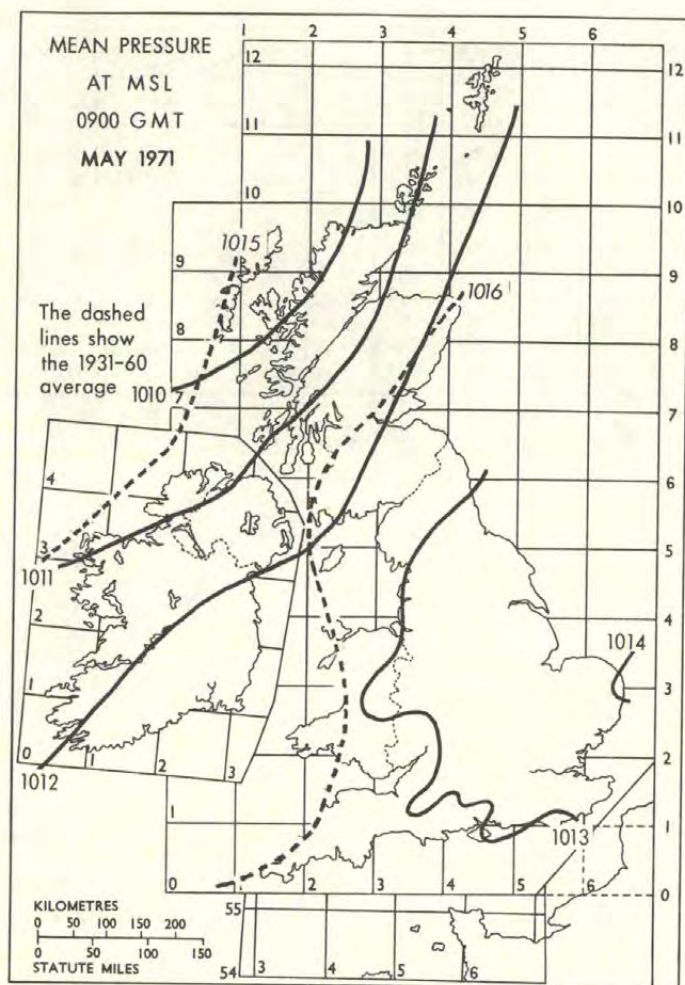


Table 3 Summary of daily observations

For meaning of symbols § § § § used below see Notes in the Introduction.

MAY

1971

District, county and place	max. temp. 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'n		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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more															
1 SCOTLAND E — continued																																	
Aberdeen — continued																																	
Inverurie Sewage Works ...	99	54	14.7	4.8	9.7	-	19.6	10	-1.4	1	-	37	-	11	23	9	8	0	0	1	0	0	2	14	-	0	7.68	-	-	-	-	-	
Fyvie Castle ...	99	66	-	4.2	-	-	-	-	-1.1	27	-	45	71	16	26	12	8	0	0	0	0	0	3	6	-	0	7.53	-	-	-	-	-	
Craibstone ... § § §	99	91	13.6	5.6	9.6	+0.7	19.1	10	1.7	17	10.0	56	82	25	23	11	7	0	0	0	0	0	0	7	-	0	7.62	128	-	-	-	-	
Dyce ...	21-9	58	13.8	5.3	9.5	+0.5	20.0	10	1.0	27	-	57	80	23	23	12	8	0	0	0	0	0	0	18	2	0	7.90	-	-	-	-	-	
Aberdeen ...	99	52	13.4	6.4	9.9	+0.7	20.0	10	1.4	27	-	36	54	15	23	9	5	0	0	0	0	0	7	-	0	7.41	130	-	-	-	-		
Fraserburgh ...	21-9	18	13.7	6.9	10.3	-	18.0	11	3.0	27	-	41	-	16	26	8	7	0	0	0	0	2	0	1	0	8.09	-	-	-	-	-		
Kincardine																																	
Fettercairn ...	99	171	13.4	5.0	9.2	+0.5	17.8	10	0.3	28	-	67	87	37	23	15	10	0	0	0	0	2	0	13	-	0	6.50	-	-	-	-	-	
Strachan ...	99	120	14.3	3.9	9.1	-	19.4	10	-2.0	1	8.3	51	-	23	23	14	9	0	0	2	0	1	0	4	14	-	0	8.13	-	-	-	-	-
Banchory ...	99	77	15.1	5.2	10.1	-	20.0	10	0.4	27	-	38	-	16	23	12	7	0	0	0	1	1	0	0	5	-	0	-	-	-	-	-	
Stonehaven ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Angus																																	
Mylnefield ... §	99	30	14.8	6.3	10.5	-	(18.6)	10	2.2	27	10.7	8.7	71	123	33	23	13	11	0	0	0	0	1	0	0	3	-	0	6.90	-	-	-	-
Dundee ... §	99	45	15.4	6.7	11.1	+1.0	19.9	10	2.3	27	12.4	-	75	113	40	23	14	10	0	0	1	0	3	0	0	12	-	0	7.30	-	-	-	-
Glamis Castle ...	99	61	14.6	4.5	9.5	-	18.3	10,21	0.0	4,27	-	94	140	51	23	15	10	0	2	0	3	0	0	15	-	0	-	-	-	-	-	-	
Whitehillslocks ...	99	258	14.1	3.3	8.7	-	18.4	10	-2.1	5	-	78	90	36	23	15	8	0	0	0	0	2	2	7	12	-	0	-	-	-	-	S	
Buddon Ness ...	99	5	14.3	4.6	9.5	+0.6	19.4	21	(-1.4)	4	-	79	136	53	23	14	10	0	0	0	1	0	3	-	-	0	-	-	-	-	-	-	
Carnoustie ...	99	9	14.7	5.9	10.3	-	19.0	21	2.3	27	11.7	-	73	120	38	23	13	12	0	0	0	0	0	-	-	0	7.56	-	-	-	-	-	
Arbroath ... §	99	28	13.5	6.8	10.1	+0.6	19.1	10	3.1	27	-	38	70	11	23	13	8	0	0	0	0	0	1	0	2	-	0	8.09	126	-	-	-	
Usan ...	21-9	30	13.2	6.6	9.9	-	19.3	10	2.3	27	-	35	-	13	23	13	8	0	0	0	0	0	1	0	1	0	7.98	-	-	-	-	-	
Montrose ...	99	57	14.1	6.0	10.1	-	19.1	10	1.8	27	-	44	77	18	23	11	8	0	0	0	0	0	0	3	-	0	-	-	-	-	-	-	
Perth																																	
Aberfoyle ...	99	27	15.6	4.2	9.9	-	19.4	12	-2.2	1,4	-	105	-	28	30	15	14	0	0	0	0	0	2	9	-	0	-	-	-	-	-	-	
Dall ...	99	232	14.3	3.2	8.7	-	17.8	12	-3.1	1	-	57	-	(8)	6	25	18	0	0	1	0	3	0	9	11	-	0	-	-	-	-	-	
Callander ...	99	107	14.8	5.0	9.9	-	18.9	12	-0.6	1,4	-	87	-	15	23	15	15	0	0	1	0	0	0	2	5	-	0	-	-	-	-	-	
Ardtalnaig ...	99	130	15.3	5.4	10.3	-	19.8	12	-0.3	1	-	66	84	12	30	15	13	0	0	0	1	3	0	1	4	-	0	-	-	-	-	-	
Drummond Castle ...	99	113	14.3	4.7	9.5	-	17.8	31	0.6	1,27	11.3	-	93	-	19	23	18	12	0	0	0	0	0	14	-	0	-	-	-	-	-	-	
Gleneagles ...	99	152	14.4	4.2	9.3	-	18.1	12	-2.1	4	-	74	99	19	23	17	14	0	1	0	0	1	2	15	-	0	6.65	-	-	-	-	-	
Fowls Wester ...	99	140	14.6	4.9	9.7	-	17.8	12	0.3	27	11.3	-	71	-	15	6	13	12	0	0	0	1	0	0	9	-	0	6.03	-	-	-	-	-
Pitlochry ...	99	144	14.6	4.6	9.6	-	18.3	12,21	-1.1	1	-	74	126	19	31	16	13	0	0	0	0	0	2	8	-	0	5.85	-	-	-	-	-	
Faskally ...	99	94	14.9	4.8	9.9	-	18.9	10,12	-1.1	1	11.1	9.6	72	116	14	31	16	15	0	0	1	0	1	0	2	10	-	0	-	-	-	-	
Ashintully Castle ...	99	341	13.3	3.3	8.3	-	17.0	12	-1.8	1	-	84	-	29	23	18	14	0	4	0	3	3	3	13	-	0	-	-	-	-	-	-	
Strathallan ...	99	41	15.5	5.6	10.5	-	19.8	12	1.3	27	-	48	-	22	23	15	9	0	1	0	0	0	0	7	-	0	-	-	-	-	-	-	
Perth ...	99	23	15.7	6.2	10.9	+0.3	19.7	12	1.8	27	-	45	77	23	23	14	6	0	0	0	0	0	0	1	-	0	6.59	114	-	-	-	-	
Blaigowrie ...	99	70	14.6	5.0	9.8	-	17.8	3,11	-0.6	27	11.2	-	53	97	23	23	15	9	-	-	-	-	1	-	-	-	6.75	-	-	-	-	-	
Kinross																																	
Kinross ...	99	113	14.6	4.6	9.6	-	18.1	10	-0.5	4	11.0	-	60	-	17	23	12	9	-	0	-	-	1	14	-	-	7.23	-	-	-	-	-	
Fife																																	
Pitreavie ...	99	40	15.3	6.3	10.8	-	19.0	10	2.2	1	-	45	-	14	23	14	9	0	0	2	0	1	0	0	13	0	0	-	-	-	-	-	-
Kirkcaldy ...	99	32	15.1	5.2	10.1	+0.1	19.7	10	1.6	1,4	-	40	66	11	23	13	9	0	0	0	0	1	0	0	5	-	0	7.42	-	-	-	-	-
Cupar ...	99	25	15.7	5.6	10.7	-	18.9	10	1.7	4,27	11.6	-	41	71	21	23	11	7	0	0	0	0	1	0	7	-	0	7.29	-	-	-	-	-
Leuchars ...	21-9	10	14.8	5.2	10.0	+0.2	19.8	10	0.1	29	-	57	103	34	23	14	8	0	0	1	1	0	0	11	2	0	7.84	125	-	-	-	-	
St Andrews ...	99	18	15.1	6.7	10.9	-	19.7	10	2.9	1	11.6	9.9	58	-	31	23	13	10	-	0	-	-	0	0	3	-	-	7.53	124	-	-	-	-
West Lothian																																	
Livingston ...	99	125	15.2	4.7	9.9	-	18.3	4,12,31	-1.1	1	-	48	-	10	23	14	11	-	-	-	-	3	1</										

⁵ Used as District Value station for temperature and sunshine for District 1.

Table 3 Summary of daily observations

For meaning of symbols $\frac{1}{2}$ $\frac{5}{8}$ $\frac{3}{4}$ $\frac{1}{4}$ used below see Notes in the Introduction.

MAY 1971

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1915-50 average	most in a day amount (mm)	date	precip'n		snow or sleet	snow lying at 8h	hail	ice pellets, etc.	thunder heard	fog at 8h	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							0.2mm or more	1.0mm or more															
2 ENGLAND NE — continued																																	
Yorkshire N Riding																																	
Leeming ...	21-9	32	16.6	6.4	11.5	-	21.2	6	-0.4	2	-	-	37	76	10	6	10	8	0	0	0	0	1	1	1	10	2	0	7.77	-	-	-	
Marton ...	99	46	16.7	6.6	11.7	-	21.5	11	-0.1	2	11.9	10.1	25	-	7	26	8	6	0	0	0	0	1	0	-	1	6	-	0	7.65	-	-	
York (Heslington) ...	99	20	16.0	6.2	11.1	-	21.2	11	0.7	2	12.1	11.1	38	-	7	6	12	9	0	0	0	0	1	0	0	8	-	0	7.59	-	-	-	
Redcar ...	99	8																															
Pickering ...	99	44	16.0	4.7	10.3	-	21.5	11	-2.5	2	-	-	23	-	5	6	11	7	0	0	0	0	1	0	7	13	-	0	-	-	-	-	
Scarborough ...	99	36	13.9	6.9	10.4	-	19.6	10	1.0	3	9.4	9.7	35	-	8	30	11	7	0	0	0	0	0	1	0	6	-	0	6.61	115	-	-	
Silpho Moor ...	99	203	13.9	5.1	9.5	-	20.3	11	-2.1	2	9.7	-	37	-	8	7	15	8	0	0	0	0	0	2	2	6	-	0	6.84	-	-	-	
Whitby Coastguard ...	21-9	63	13.3	5.9	9.6	-	19.6	10	-0.5	2	-	-	35	-	9	23	9	8	0	0	0	0	0	1	1	1	0	-	0	-	-	-	
Yorkshire E Riding																																	
High Mowthorpe ...	99	175	14.3	5.5	9.9	-	18.9	11	-1.3	1	9.8	-	29	51	8	6	10	9	-	0	-	-	-	3	1	9	-	-	6.18	-	-	-	
Hull ...	99	2	16.1	6.8	11.5	+0.1	22.8	10	0.0	28	12.2	10.2	36	73	7	22	11	9	0	0	0	0	0	0	0	8	-	0	7.12	126	-	-	
Filey ...	99	37	13.1	6.0	9.5	-	20.8	10	-1.1	2	-	-	35	69	9	7	12	9	0	-	0	0	0	0	1	5	-	0	7.03	-	-	-	
Bridlington ...	99	48	13.2	6.1	9.7	-0.1	20.0	10	-0.6	2	-	-	43	86	11	7	12	9	0	0	0	0	0	1	4	-	0	7.65	121	-	-	-	
Kilnsea ...	21-9	12	13.2	7.8	10.5	-	20.2	10	3.0	3	-	-	40	-	14	7	11	9	0	0	0	0	1	1	0	-	0	0	7.67	-	-	-	
Lincoln																																	
Waddington ...	21-9	68	15.7	6.6	11.1	-0.1	20.6	6	0.4	2	-	-	40	-	9	30	12	8	0	0	0	0	1	0	5	2	0	7.39	114	-	-	-	
Lincoln ...	99	7	16.2	5.7	10.9	-0.6	21.1	6,10	-2.8	2,3	11.7	10.1	41	85	9	29	13	8	0	0	0	0	1	0	3	10	-	0	7.41	-	-	-	
Cranwell ...	99	62	16.0	5.9	10.9	-0.2	20.9	10	-0.2	2	12.5	11.2	48	97	15	30	12	8	0	0	0	0	0	1	1	9	5	0	7.24	116	-	-	
Brigg ...	99	3	16.4	5.3	10.9	-	21.8	11	-0.3	3	-	-	30	-	6	15	12	9	0	0	0	0	0	0	3	15	-	0	-	-	-	-	
Binbrook ...	21-9	108	14.6	6.4	10.5	-	23.0	10	0.2	2	-	-	54	-	15	29	13	9	0	0	1	0	0	2	0	7	3	0	-	-	-	-	
Cleethorpes ...	99	7	18.4	7.6	13.0	+2.1	22.0	11	2.3	3	-	-	48	101	8	6	11	9	-	0	-	-	1	0	0	-	-	6.92	112	-	-	-	
Manby ...	21-9	17	15.2	6.2	10.7	-	22.0	10	-0.3	3	12.6	-	47	105	13	7	13	11	0	0	0	0	1	1	1	6	0	0	7.89	-	-	-	
Skegness ...	99	5	14.9	8.1	11.5	+0.8	21.1	10	2.8	3	-	-	41	96	14	7	9	7	0	0	0	0	0	1	0	-	0	7.53	118	-	-	-	
3 ENGLAND E																																	
Norfolk																																	
Terrington St. Clement ...	99	4	16.6	6.3	11.5	0.0	21.7	6	-1.1	3	12.2	-	43	107	14	7	10	8	0	0	0	0	0	1	11	-	0	7.03	108	-	-	-	
Marham ...	21-9	23	16.9	6.5	11.7	-	22.5	11	0.4	3	-	-	42	-	12	7	10	7	0	0	0	0	1	0	0	6	1	0	-	-	-	-	
Santon Downham ...	99	24	17.8	3.8	10.8	-	24.2	11	-6.2	3	11.4	10.0	46	93	8	6	12	8	-	0	-	-	-	8	17	-	-	6.78	-	-	-	-	
West Raynham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Dereham ...	99	53																															
Morley St Botolph ...	99	48	16.6	5.6	11.1	-	22.1	10	-1.1	3	12.5	-	35	-	7	27	9	8	0	1	0	1	-	3	9	-	0	7.61	-	-	-	-	
Cromer ...	99	54	15.0	-	-	-	23.9	10	-	-	-	-	24	51	8	24	8	6	0	0	0	0	1	-	-	-	0	7.11	112	-	-	-	
Coltishall ...	21-9	17	16.1	6.3	11.2	-	23.2	10	0.2	4	-	-	27	-	14	24	10	5	0	0	0	0	1	0	0	7	2	0	-	-	-	-	
Burlingham ...	99	27																															
Gorleston ...	21-9	4	13.8	8.6	11.2	+0.4	22.6	10	4.6	4	12.9	11.1	29	77	9	24	9	6	0	0	0	0	2	0	0	0	0	0	7.45	111	-	-	-
Suffolk																																	
Brooms Barn ...	99	75	16.9	6.4	11.7	-	22.8	11	-0.8	2	12.9	11.1	37	-	9	6	11	7	0	0	0	0	2	0	2	5	-	0	7.42	-	-	-	
Honington ...	99	51	17.1	6.2	11.7	-	22.9	11	-1.0	3	-	-	35	-	9	27	11	6	0	0	0	0	2	0	1	9	3	0	-	-	-	-	
East Bergholt ...	99	4	17.7	5.9	11.8	-	22.8	12	-1.2	3	-	-	42	102	8	6	11	9	-	0	-	-	0	2	9	-	-	-	-	-	-	-	
Wattisham ...	21-9	89	16.5	6.8	11.7	-	22.0	11	-0.3	3	-	-	33	77	9	15	10	8	0	0	0	0	2	2	1	5	1	0	6.73	-	-	-	-
Lowestoft ...	99	25	14.7	8.2	11.5	-0.4	19.4	8	5.3	1	12.9	-	26	69	8	15	9	5	0	0	0	0	0	0	1	-	0	7.61	113	-	-	-	
Cambridge																																	
Boxworth ...	99	44	16.9	6.1	11.5	-	22.4	11	-1.0	3	-	-	43	95	7	6	12	10	0	0	0	0	1	0	2	11	-	0	7.53	-	-	-	
Mepal ...	99	1	17.5	5.3	11.4	-	23.4	11	-2.5	3	13.0	-	46	-	12	23	10	10	0	0	0	0	2	0	2	11	-	0	6.69	-	-	-	
March ...	99	2	17.4	6.6	12.0	-	22.6	11	-1.3	3	-	-	43	89	10	7	12	10	-	0	-	-	-	1	-	-	-	-	-	-	-	-	
Cambridge																																	
Botanic Gardens ...	99	12	17.6	6.6	12.1	+0.2	23.3	11	-1.7	3	13.5	11.7	48	105	11	6	9	8	0	-	0	0	1	0	1	5	-	0	-	-	-	-	
N I A B ...	99	26	17.2	6.3	11.7	0.0	22.9	11	-1.7	3	-	-	52	115	13	23	10	9	0	0	0	0	0	2	10	-	0	7.73	125	-	-	-	
Huntingdon																																	
Monks Wood ...	99	40	16.8	(5.7)	(11.1)	-	22.3	11	-3.4	3	11.4	10.4	40	-	7	22	12	11	-	0	-	-	-	0	3	10	-	0	7.02	-	-	-	
Wyton ...	21-9	39	16.9	6.7	11.8	-	22.1	11	-0.7	2	-	-	48	102	7	23	12	10	0	0	0	0	0	2	9	3	0	-	-	-	-	-	
Bedford																																	
Woburn ...	99	89	16.7	5.4	11.1	-0.1	20.8	11	-2.3	3	12.2	9.6	35	63	6	24	13	10	0	0	0	1	0	0	4	11	-	0	7.22	120	-	-	-
Silsoe ...	99	61	16.7	5.6	11.1	-	21.4	11	-2.4	3	13.1	13.4	32	66	6	15	12	7	0	0	0	0	1	1	3	7	5	0	7.61	-	-	-	
Cardington ...	21-9	28	17.1	5.3	11.2	-0.1	21.4	11	-3.0	3	12.3	10.6	35	75	6	7	11	10	0	0	0	0	2	0	3	11	3	0	7.13	-	-	-	
Luton ...	99	159	16.9	6.8	11.9	-	22.2	11	0.0	2	13.8	11.1	47	-	13	23	10	9	-	0	-	-	2	0	3	-	-	7.26	-	-	-	-	
Hertford																																	
Aidenham School ...	99	91	17.9	5.9	11.9	-	22.9	11	-1.8	3	13.2	-	63	-	17	6	11	10	0	0	0	0	2	1	1	-	-	0	-	-	-	-	
Garston ...	99	78	17.1	6.5	11.8	-	23.2	11	-0.5	3	-	-	55	108	14	6	10	10	-	0	-	-	-	0	1	9	-	-	7.93	-	-	-	
Rothamsted ...	99	128	16.7	6.3	11.5	+0.4	22.1	11	-0.6	3	11.5	9.3	49	93	12	6	11	8	0	0	0	0	3	0	1	6	-	0	7.34	123	-	-	-
St Albans ...	99	83	17.1	6.2	11.7	+0.4	22.6	11	-1.2	3	12.1	-	49	108	11	6	11	8	0	0	0	0	1	2	1	9	-	0	8.06	-	-	-	
Letchworth ...	99	64	17.4	6.2	11.8	-	22.6	11	-1.2	1	-	-	43	89	11	6	11	10	-	-	-	-	-	3	-	-	-	-	-	-	-	-	
Stanstead Abbots ...	99	30	(18.2)	(5.3)	(11.7)	-	23.3	10,11,12	-2.8	3	(12.8)	(12.0)	42	-	12	7	9	9	-	(0)	-	-	-	-	-	-	-	-	-	-	-	-	
Hoddesdon ...	99	41	18.1	6.4	12.3	-	23.3	11																									

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	precip'n		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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date						0.2mm or more	1.0mm or more															
4 MIDLAND COUNTIES — continued																																
Yorkshire W Riding — continued																																
Huddersfield	99	99	16.1	6.6	11.3	-	21.6	11	0.6	3	11.4	9.9	54	95	14	24	10	7	-	0	-	-	-	1	0	6	-	-	6.07	124	-	
Huddersfield Oakes	21-9	235	16.0	5.9	10.9	+0.4	22.8	11	-0.3	2	11.2	9.4	61	89	15	24	13	7	0	0	1	0	2	4	1	9	5	0	6.09	118	-	
Bradford	99	134	15.5	6.3	10.9	+0.3	20.4	11	1.2	2	10.8	9.2	77	124	31	23	11	8	0	0	0	0	2	1	0	7	-	0	6.00	108	-	
Ilkley	99	96	16.4	6.9	11.7	+0.4	21.4	11	0.6	2	11.7	10.0	63	109	17	22	12	10	0	0	0	0	1	-	0	6	-	0	6.69	128	-	
Sheffield	99	131	15.8	6.6	11.2	+0.8	20.8	11	1.7	2	-	-	56	109	13	23	15	8	0	0	0	0	2	2	0	1	-	0	-	-	-	
Pontefract	99	78	15.8	5.6	10.7	-	21.1	11	-0.8	2	-	-	-	-	-	-	-	-	0	0	0	0	0	2	2	12	-	0	-	-		
Bramham	99	54	16.1	5.4	10.7	-	21.1	11	-1.0	2	11.5	10.3	32	62	7	6	12	10	0	0	0	0	0	0	1	10	-	0	6.72	-	-	
Cawood	99	6	16.3	5.8	11.1	-	21.5	11	-0.6	2	-	-	33	62	7	6	10	9	0	0	0	0	0	0	1	2	5	-	0	7.07	124	-
Askham Bryan	99	34	16.3	5.8	11.1	-	21.5	11	-0.6	2	-	-	33	62	7	6	10	9	0	0	0	0	0	0	1	2	5	-	0	7.07	124	-
Derby																																
Buxton	99	307	14.0	5.2	9.6	+0.2	18.9	11	-1.1	2	11.1	10.3	52	71	14	6	13	9	0	0	0	0	0	0	2	6	-	0	-	-	-	
Mackworth	99	89	16.0	5.8	10.9	-	20.5	10	0.1	3	-	-	33	-	9	6	12	10	-	0	-	-	-	0	0	-	-	0	-	-	-	
Belper	99	62	-	-	-	-	-	-	-	-	-	-	35	63	7	6	12	9	0	0	0	0	0	0	1	-	-	0	-	-	-	
Ashover	99	186	15.7	5.9	10.8	-	19.2	11	-0.4	1	-	-	32	-	7	6	11	8	0	0	0	0	1	0	1	6	-	0	6.78	-	-	
Derby	99	48	16.8	6.8	11.8	-	20.7	11	0.9	3	-	-	31	54	7	6	13	9	0	0	0	0	1	0	0	7	-	0	6.44	-	-	
Morley	99	107	16.2	(5.2)	(10.7)	-	20.3	10	-0.1	1,3	-	-	30	51	5	29	9	9	-	0	-	-	-	2	2	10	-	-	(6.27)	-	-	
Wingerworth	99	126	15.6	4.3	9.9	-	19.8	6	-2.9	2,3	12.9	-	38	-	10	22	12	10	0	0	0	0	1	1	6	12	-	0	6.54	-	-	
Nottingham																																
Sutton Bonington	99	48	16.3	5.3	10.8	-0.3	20.6	11	-1.6	3	11.8	10.3	31	66	7	6	12	8	0	0	0	0	1	0	3	11	-	0	6.55	115	-	
Watnall	21-9	117	16.6	6.2	11.4	+0.3	20.8	10	0.9	1	-	-	43	81	8	22	12	9	0	0	0	0	2	0	0	8	2	0	6.35	168	-	
Mansfield	99	110	15.6	6.6	11.1	-0.1	19.3	6	-0.1	1	12.3	-	48	89	19	23	9	7	0	0	0	0	0	0	1	5	-	0	-	-	-	
Nottingham	99	59	16.4	(7.6)	(12.0)	+0.3	20.3	10	2.6	1	12.1	10.6	35	70	8	29	11	8	0	0	0	0	0	0	0	3	-	0	6.67	125	-	
Warsop	99	46	16.3	4.3	10.3	-	20.4	6	-2.9	3	-	-	44	95	12	22	11	11	-	0	-	-	-	0	7	18	-	-	7.16	-	-	
Finningley	21-9	10	16.9	6.4	11.7	+0.2	22.3	6	0.1	3	-	-	60	133	13	24	13	9	0	0	0	0	1	1	0	4	2	0	6.94	-	-	
Leicester																																
Newtown Linford	99	119	16.2	5.3	10.7	-	20.3	11	-1.1	3	-	-	30	55	6	6	10	8	0	0	0	0	1	0	1	15	-	0	6.28	-	-	
Caldecott	99	53	16.9	4.6	10.7	-	20.7	11	-6.4	2	-	-	37	83	7	30	11	8	-	0	-	-	-	1	4	8	-	-	6.51	-	-	
Northampton																																
Bugbrooke Mills	99	69	16.7	4.7	10.7	-	21.4	11	-2.2	3	10.1	9.4	29	59	5	24	13	8	-	0	-	-	-	0	3	-	-	-	7.35	-	-	
Raunds	99	59	17.2	5.7	11.5	+0.1	21.6	11	-2.1	3	12.9	10.2	31	64	6	24	13	10	0	0	0	0	1	1	8	-	0	6.44	114	-		
Wittering	99	65	16.4	6.6	11.5	+0.3	21.6	11	1.4	1	-	-	47	104	13	22	13	12	0	0	0	0	1	1	0	9	2	0	6.72	-	-	
Warwick																																
Birmingham	99	137	-	(6.6)	-	-	-	-	0.4	1	-	-	21	34	4	26	12	9	0	0	0	0	2	0	0	-	-	0	-	-	-	
King Edward School	21-9	163	16.1	7.5	11.8	+0.4	20.2	11	2.0	1	10.2	-	37	56	13	6	11	9	0	0	0	0	2	0	0	5	2	0	7.23	134	-	
Edgbaston	99	56	17.2	6.4	11.8	-	21.1	6	-0.1	2	-	-	29	-	9	6	11	7	0	0	0	0	0	2	1	9	-	0	7.24	-	-	
Luddington	99	49	(17.3)	4.9	(11.1)	-	21.4	11	-1.4	2	12.9	-	31	61	9	6	11	8	0	0	0	0	1	0	2	12	-	0	7.11	-	-	
Stratford	21-9	96	16.3	5.4	10.9	-	20.8	11	-1.2	2	-	-	28	-	9	6	10	6	0	0	0	0	3	0	3	12	5	0	6.72	-	-	
Elmdon	99	111	16.2	6.1	11.1	-	20.5	6	0.6	1	11.2	-	46	77	10	6	12	9	0	0	0	0	2	1	0	10	-	0	6.79	-	-	
Shipston-on-Stour	99	47	(16.7)	(5.5)	(11.1)	-	21.1	11	(-1.3)	(2)	-	-	25	46	-	-	-	-	-	-	-	-	-	(2)	-	(5)	-	-	-	-	-	
Wellesbourne	99	85	16.8	5.6	11.2	-	20.8	11	-1.0	1,3	-	-	22	41	7	6	11	5	0	0	0	0	0	0	3	10	-	0	6.96	-	-	
Moretun Morrell	99	117	17.0	5.8	11.4	+0.3	22.0	21	0.0	1,2	12.7	11.3	29	57	7	6	9	7	-	0	-	-	-	-	0	5	3	0	-	-	-	
Rugby	99	85	16.8	5.6	11.2	-	20.8	11	-1.0	1,3	-	-	22	41	7	6	9	7	-	0	-	-	-	-	-	0	5	3	0	-	-	
Oxford																																
Brize Norton	21-9	84	16.9	6.2	11.5	-	21.3	6,11	-0.6	2	-	-	44	-	9	6	11	7	0	0	0	0	1	0	1	7	-	0	-	-	-	
Oxford	99	63	17.3	7.4	12.3	+0.3	21.3	6	0.8	1	13.6	11.4	46	89	9	24	12	9	0	0	0	1	0	0	0	4	-	0	7.38	121	-	
Shirburn Model Farm	99	108	17.3	6.4	11.9	-	21.7	6	-1.4	1	12.9	-	34	-	7	6	12	8	0	0	0	0	2	0	2	8	-	0	-	-	-	
Buckingham																																
Medmenham	99	30	18.0	4.8	11.4	-	22.8	12	-2.6	3	-	-	55	-	25	24	12	9	-	-	-	-	-	-	5	14	-	-	-	-	-	
Grendon Underwood	99	67	17.1	4.6	10.9	-	21.4	11	-3.1	3	11.8	10.3	28	-	4	23	12	8	0	0	0	0	1	-	4	12	-	0	6.81	-	-	
Aylesbury	99	96	(17.4)	5.6	(11.5)	-	22.2	11	-6.6	1	-	-	32	60	7	24	11	11	0	0	0	0	0	1	3	9	-	0	(7.55)	-	-	
Stafford																																
Keele	99	179	15.2	6.3	10.7	-	18.8	11	1.7	2	11.1	9.2	54	89	25	6	11	8	0	0	0	2	2	0	0	7	-	0	6.85	-	-	
Oaken	99	125	16.4	5.8	11.1	-	19.4	10,14,21	-1.1	2	12.3	-	41	-	12	6	11	10	-	0	-	-	-	-	1	4	-	-	-	-	-	
Stone	99	107	15.6	5.1	10.3	-	18.9	6	-1.7	2	-	-	44	80	17	6	14	8	-	0	-	-	-	0	1	17	-	-	6.89	-	-	
Penkridge	99	101	16.3	5.6	10.9	-	19.7	11	-1.7	3	-	-	35	62	12	6	12	8	-	0	-	-	-	0	2	8	-	-	-	-	-	
Shropshire																																
Oswestry	99	174	(15.2)	6.4	(10.8)	-	18.4	11	-1.1	2	-	-	28	39	10	29	10	6	0	0	0	0	1	0	1	6	-	0	6.77	-	-	
Church Stretton	99	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shrewsbury	99	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shawbury	21-9	72	16.4	5.9	11.1	-0.1	20.2	6	-1.0	2	-	-	34	64	13	6	10	6	0	0	1	1	2	0	1	10	4	0	7.09	-	-	
Clee Hill	21-9	504	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bridgnorth	99	64	16.3	5.5	10.9	+0.1	19.1	11	-2.2	2	-	-	59	104	27	6	10	9	0	0	2	0	2	0	1	9	-	0	6.55	115	-	
Newport	99	64	16.3	5.5	10.9	+0.1	19.1	11	-2.2	2	-	-	59	104	27	6	10	9	0	0	2	0	2	0	1	9	-	0	6.55	115	-	
Worcester																																
Malvern	99	62	17.2	7.4	12.3	-	20.6	11	-2.3	1	13.2	10.6	44																			

Table 3 Summary of daily observations

For meaning of symbols \pm \pm \pm used below see Notes in the Introduction.

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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																	
5 ENGLAND SE																																	
Greater London																																	
Kensington Palace ...	99	25	(18.2)	(8.7)	(13.5)	(+0.5)	23.9	11	2.8	3	13.7	11.9	74	158	30	24	12	7	0	0	0	0	1	0	0	0	4	0	0	7.72	124	-	
Hampstead ...	99	137	17.0	7.1	12.1	+0.4	23.3	11	0.8	1	-	-	81	160	37	24	11	9	0	0	0	0	2	-	0	3	-	0	0	7.72	124	-	
St James Park ...	99	4	18.3	-	-	-	23.9	11	-	-	-	-	72	161	29	24	11	8	0	-	0	0	3	-	-	-	-	0	0	-	-	-	
Regents Park ...	99	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.64	128	-		
Greenwich ...	99	7	(18.0)	7.8	(14.9)	-	23.4	11	0.6	3	-	-	65	149	24	24	10	7	0	0	0	0	0	0	0	2	0	0	6.85	115	-		
Heathrow ...	21-9	25	18.1	8.2	13.1	+0.6	23.7	11	2.1	1	-	-	77	167	24	24	12	8	0	0	0	0	3	0	0	6	0	0	7.51	-	-	-	
Hampton ...	99	12	17.8	8.2	13.0	-	24.0	11	1.6	3	-	-	67	151	20	24	11	8	0	0	0	0	4	0	0	4	-	0	7.49	-	-	-	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.42	-	-	-	
Southgate ...	99	67	17.7	7.6	12.7	-	23.3	11	1.1	1	12.1	-	62	138	20	24	13	9	0	0	0	1	0	0	6	-	0	7.59	-	-	-	-	
Kew ⁷ ...	21-9	5	17.6	6.5	12.1	-	23.4	11	-1.9	3	12.2	10.6	67	145	24	24	11	8	0	0	0	3	0	2	10	3	0	7.79	122	-	-	-	
Waddon ...	99	59	17.5	(6.9)	(12.2)	(0.0)	23.9	11	-0.6	3	-	-	66	138	18	24	11	9	-	-	-	-	-	1	-	-	-	-	-	-	-	-	
Addington ...	99	144	17.1	7.3	12.2	+0.5	23.2	11	0.6	2,3	-	-	72	141	19	24	12	10	-	-	-	-	0	0	-	-	-	-	-	-	-	-	
Bromley ...	99	65	16.9	8.7	12.8	+0.4	22.2	11	0.6	3	-	-	70	149	21	24	11	10	-	0	-	-	0	0	-	-	-	-	-	-	-	-	
Surrey																																	
Gatwick ...	21-9	59	17.5	6.0	11.7	0.0	24.4	11	-2.9	3	-	-	64	129	23	6	10	9	0	0	0	2	0	2	8	2	0	7.40	-	-	-	-	
Witley ...	99	35	(17.9)	(6.9)	(12.4)	(+0.5)	24.4	11	-1.1	3	13.2	11.7	73	-	23	6	12	10	-	0	-	-	2	1	8	-	-	7.18	-	-	-	-	
Mickleham ...	99	55	17.3	5.5	11.4	-	23.9	11	-2.1	3	13.1	10.9	72	148	23	6	13	10	0	0	0	1	0	4	7	-	0	-	-	-	-	-	
Kent																																	
Hadlow College ...	99	30	17.8	6.1	11.7	-	23.2	11	-1.2	4	12.4	10.4	55	-	18	24	12	9	0	0	0	2	0	2	4	-	0	6.67	-	-	-	-	
Gillingham ...	99	4	(17.3)	7.9	(12.6)	-	23.3	6	0.7	3	-	-	51	114	16	24	12	8	-	-	-	-	0	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	16.8	6.3	11.5	-	23.1	11	-1.2	4	-	-	50	-	13	24	11	9	0	0	0	1	0	2	6	2	0	7.03	-	-	-	-	
Dungeness ...	21-9	3	14.8	8.0	11.4	+0.2	19.5	12	1.3	3	-	-	42	99	10	15	14	8	0	0	0	2	1	0	-	-	-	-	-	-	-	-	
Whitstable ...	99	3	15.5	8.4	11.9	-	22.2	10	0.3	4	-	-	43	115	15	24	12	8	0	0	0	1	0	0	-	-	-	-	-	-	-	-	
Folkestone ...	99	39	15.6	9.2	12.4	-	20.6	11,12	5.5	3	-	11.1	37	86	9	24	9	7	0	0	0	1	1	0	-	-	-	-	-	-	-	-	
Elmstone ...	99	9	15.1	7.1	11.1	-	22.6	10	-0.3	3	-	-	40	-	16	24	8	8	-	0	-	-	1	1	2	-	-	-	-	-	-	-	
Herne Bay ...	99	6	15.1	9.4	12.3	-	23.7	10	3.1	5	-	-	34	87	13	24	8	8	0	0	0	0	2	0	-	-	-	-	-	-	-	-	
Dover ...	99	6	15.6	9.2	12.4	+0.6	21.6	11	4.9	4	13.3	11.7	38	86	12	24	9	7	0	0	0	0	1	0	0	-	-	-	-	-	-	-	
St. Margarets Bay ...	21-9	82	13.7	(8.5)	(11.1)	-	18.7	11	3.0	3	-	-	39	-	11	24	9	7	0	0	0	0	2	0	0	0	-	-	-	-	-	-	
Manston ...	21-9	44	15.5	8.0	11.7	-	21.7	10	0.1	4	-	-	38	98	15	24	8	7	0	0	0	0	0	0	1	0	-	-	-	-	-	-	
Margate ...	99	16	14.4	(9.7)	(12.1)	(+0.4)	22.0	10	6.0	2	13.2	(11.4)	40	-	13	24	10	7	0	0	0	0	0	0	1	0	-	-	-	-	-	-	
Goudhurst ...	99	85	16.8	6.3	11.5	-	23.8	11	-1.9	4	-	-	59	111	15	15	13	12	0	0	0	1	0	2	9	-	-	-	-	-	-	-	
East Malling ...	99	37	17.0	6.6	11.8	+0.3	22.7	11	-1.1	4	12.6	11.2	52	107	17	24	13	8	0	0	0	2	0	1	2	-	-	-	-	-	-	-	
Thornhill ...	99	150	15.9	(6.7)	(11.3)	-	21.8	11	1.4	3	12.1	10.1	53	97	13	24	11	9	0	0	0	2	1	0	2	-	-	-	-	-	-	-	
Faversham ...	99	48	16.0	7.1	11.5	-	22.5	6	-0.4	3	12.4	10.9	52	-	16	24	12	8	0	0	0	1	0	2	2	-	-	-	-	-	-	-	
Wye ...	99	56	16.4	7.4	11.9	+0.3	22.6	11	-1.1	3	12.2	(10.8)	42	79	12	24	9	8	0	0	0	2	2	1	6	-	-	-	-	-	-	-	
Sussex																																	
Thorney Island ...	21-9	3	16.3	7.8	12.1	-	23.4	12	1.6	2	-	-	37	84	9	6	12	9	0	0	0	4	0	0	4	2	0	7.87	-	-	-	-	
Rogate ...	99	64	17.3	-	-	-	22.9	12	-	-	13.6	-	34	-	8	6	12	8	0	0	0	1	0	-	6	-	-	-	-	-	-	-	
Bognor Regis ...	99	7	15.8	8.3	12.1	+0.3	23.5	12	2.7	1,3	-	12.3	59	124	21	6	11	7	0	0	0	2	2	0	0	-	-	-	-	-	-	-	
Fernhurst ...	99	57	17.6	5.4	11.5	-	23.6	11	-2.9	3	13.3	-	47	81	16	6	12	10	-	0	2	-	2	6	-	-	-	-	-	-	-	-	
Littlehampton ...	99	5	16.3	8.3	12.3	+0.4	21.4	12	2.2	3	-	12.0	63	136	21	6	11	8	0	0	0	2	0	0	-	-	-	-	-	-	-	-	
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
North Heath ...	99	21	(17.4)	(5.9)	(11.7)	-	23.7	11	-1.9	3	14.1	11.7	55	-	27	6	10	8	0	0	0	0	0	2	-	-	-	-	-	-	-	-	
Worthing ...	99	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Brighton ...	99	10	16.1	9.0	12.5	-	22.8	13	3.9	2	-	12.7	64	156	19	6	10	9	0	0	0	3	2	0	-	-	-	-	-	-	-	-	
Plumpton ...	99	76	16.9	7.7	12.3	-	23.3	11	1.7	2	-	-	60	-	17	6	9	8	-	0	-	-	3	0	3	-	-	-	-	-	-	-	
Wakehurst Place ...	99	133	16.4	6.6	11.5	-	23.3	11	0.3	2	-	-	67	-	19	6	12	11	0	0	0	1	0	0	6	-	-	-	-	-	-	-	
East Hoathly ...	21-9	40	16.9	5.9	11.4	-	23.5	12	-3.0	3	-	-	48	-	12	15	10	9	0	0	0	2	1	2	8	2	0	8.27	-	-	-	-	
Eastbourne ...	99	7	15.3	8.9	12.1	+0.1	22.8	12	3.8	2	12.9	11.8	59	135	19	6	10	9	-	0	-	0	0	0	1	-	-	-	-	-	-	-	
Eastbourne Coastguard	21-9	3	-	-	-	-	-	-	-	-	-	-	52	119	18	6	9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bexhill ...	99	4	15.3	8.9	12.1	+0.2	22.9	12	3.9	3	14.1	-	43	98	11	6	9	9	0	0	0	2	0	0	0	-	-	-	-	-	-	-	
Bodiam ...	99	22	17.0	6.2	11.6	-	23.0	11	-2.3	3	13.2	11.1	42	80	9	15	12	10	0	0	0	3	0	2	9	-	-	-	-	-	-	-	
Hastings ...	99	45	15.8	8.9	12.3	+0.4	23.2	12	3.9	2,3	14.4	12.7	43	97	13	6	11	6	0	0	0	3	0	0	-	-	-	-	-	-	-	-	
Berkshire																																	
Letcombe Regis ...	99	107	-	-	-	-	-	-	-	-	-	-	-																				

Table 3 Summary of daily observations

For meaning of symbols 1 5 6 7 8 used below see Notes in the Introduction.

MAY

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District, county and place			max. temp. 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'n		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 1931-60 average	exposure
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more													
5 ENGLAND SE — continued																																	
Wiltshire																																	
Lacock ...	99	49	(16.6)	5.3	(10.9)	-	20.0	11	-1.4	2	-	-	51	89	9	6	8	4	0	0	0	0	0	5	7	3	0	0	7.79	-	-		
Lyneham ...	21-9	145	16.2	6.9	11.5	+0.2	21.1	6	-0.1	1,2	-	-	65	115	14	6	12	9	0	0	1	0	1	0	2	8	3	0	-	-	-		
Larkhill ...	99	132	16.8	6.6	11.7	+0.6	21.8	11	-0.4	2	-	-	40	81	9	24	14	9	0	0	0	0	1	0	2	6	3	0	-	-	-		
Boscombe Down ...	21-9	126	16.7	6.7	11.7	+0.3	22.2	12	0.5	1	-	-	43	92	13	6	12	10	0	0	0	0	1	1	0	7	2	0	7.28	-	-		
Upavon ...	21-9	176	16.4	6.7	11.5	-	21.3	11	0.5	1	-	-	45	87	8	24	13	9	0	0	0	0	1	1	0	6	3	0	-	-	-		
Porton ...	99	111	16.6	5.6	11.1	0.0	22.2	11	-0.3	1	12.0	-	52	109	13	6	12	8	-	0	-	-	-	1	10	4	-	7.21	110	-	-		
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ...	99	13	14.5	7.3	10.9	-	19.7	6	2.8	21	-	-	47	67	10	7	14	11	-	0	-	-	2	0	6	-	-	7.06	-	-	-		
Bromfield ...	99	20	15.1	5.0	10.1	-	20.0	6	-1.5	2	-	-	47	-	8	7	16	12	0	0	1	0	1	0	4	9	-	0	-	-	-		
Carlisle ...	21-9	26	16.0	6.3	11.1	-	20.3	14	0.2	3	-	-	42	-	7	22	15	14	0	0	1	0	1	0	0	9	0	0	7.43	-	-	-	
Newton Rigg ...	99	171	(15.2)	5.4	(10.3)	(+0.1)	18.8	6	0.0	2,3	11.6	-	36	66	7	31	13	10	-	0	-	-	-	0	0	6	-	-	7.19	120	-	-	
Westmorland																																	
Great Dun Fell ...	21-9	847	8.9	2.5	5.7	-	13.4	14	-1.2	27	-	-	-	-	-	-	-	-	0	-	-	-	16	5	-	-	-	5.56	-	-	-		
Moor House ...	99	556	11.3	2.7	7.0	-	15.7	6	-2.8	2	7.6	-	76	57	11	6,17	17	16	-	0	-	-	-	3	7	16	-	-	7.10	-	-	-	
Lancashire																																	
Squires Gate ...	21-9	10	15.9	6.7	11.3	+0.4	20.5	14	-0.7	2	-	-	49	81	12	7	10	9	0	0	0	0	3	0	1	7	2	0	8.26	119	-	-	
Aigburth ...	99	14	16.1	8.3	12.2	-	19.8	6	3.3	2	-	-	31	-	7	6	13	7	0	0	0	0	3	0	0	0	0	0	7.60	-	-	-	
Southport ...	99	5	15.7	7.0	11.3	-	20.0	6	1.1	2,3	13.0	9.7	37	63	6	6	11	8	-	0	-	-	-	1	0	4	-	-	8.56	-	-	-	
Cartmel ...	99	34	15.3	5.9	10.6	-	19.5	12	-0.1	2	-	-	64	-	10	16,30	11	11	0	0	0	0	0	0	1	-	-	0	-	-	-		
Grizedale ...	99	91	15.1	4.3	9.7	-	19.6	6	-1.7	2	10.8	-	92	-	15	23	19	12	0	0	0	0	1	0	3	16	-	0	-	-	-		
Speke ...	21-9	22	16.5	7.3	11.9	0.0	20.2	10	0.8	2	-	-	26	45	8	6	12	6	0	0	0	0	2	0	0	2	1	0	7.54	-	-	-	
Kirkham ...	99	24	(15.7)	6.3	(11.0)	-	19.4	14	-0.4	26	-	-	53	83	10	30	13	10	0	0	0	0	2	0	1	9	-	0	(8.13)	-	-	-	
Bailrigg ...	99	53	15.2	7.0	11.1	-	19.4	6,12	1.1	2	-	-	54	-	12	22	12	10	-	0	-	-	-	0	0	8	-	-	7.75	-	-	-	
Morecambe ...	99	7	15.8	8.5	12.1	+0.5	20.4	6	3.2	2	-	-	49	76	12	6	12	9	0	0	0	0	1	0	0	-	-	0	8.11	119	-	-	
Preston ...	99	33	15.9	7.1	11.5	-	20.0	6	1.7	2	-	-	58	87	13	6	13	11	0	0	0	0	2	1	0	5	-	0	-	-	-		
Bolton ...	99	107	15.6	6.3	10.9	-	19.0	10,11	0.3	2	10.8	9.6	68	-	19	6	11	10	-	0	-	-	-	0	0	7	-	-	7.02	-	-	-	
Stonyhurst ...	99	115	15.8	(6.6)	(11.2)	(+0.3)	19.7	12	0.6	3	-	-	76	108	22	6	15	11	-	0	-	-	-	1	0	-	-	-	7.10	149	-	-	
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.82	-	-	S		
Helmshore ...	99	261	14.4	(6.2)	(10.3)	-	18.3	6,11	0.6	2	10.2	-	77	84	19	6	13	12	-	0	-	-	-	0	0	6	-	-	6.84	-	-	-	
Burnley ...	99	200	14.7	6.6	10.7	-	18.3	12	1.1	2	10.2	9.0	70	-	17	6	14	12	0	0	0	0	1	0	0	4	-	0	6.98	-	-	-	
Nelson ...	99	165	15.2	(6.3)	(10.7)	-	19.1	6	-0.1	2	11.2	9.1	67	97	17	6	13	11	-	0	-	-	-	0	1	2	-	-	7.16	-	-	-	
Rochdale ...	99	110	15.7	5.8	10.7	-	19.9	11	-0.6	2	-	-	78	104	15	7	13	12	0	0	0	0	2	0	1	7	-	0	-	-	-	-	
Cheshire																																	
West Kirby Park ...	99	8	(16.7)	7.9	12.3	-	19.9	6	2.6	4	-	-	27	-	6	6	10	8	-	0	-	-	-	0	0	-	-	-	7.56	-	-	-	
Bidston ...	99	60	15.8	8.3	12.1	+0.8	20.6	10	4.1	2	-	-	25	44	6	26	10	7	0	-	0	0	2	0	0	-	-	0	7.81	124	-	-	
Ness Gardens ...	99	55	16.1	7.2	11.7	-	19.3	5,10,11	2.2	2	-	-	24	-	6	29	11	7	0	0	0	0	2	0	0	7	-	0	6.74	-	-	-	
Winnington ...	99	20	16.9	7.4	12.1	-	20.3	11	0.5	2	-	-	38	68	16	6	11	6	0	0	1	0	2	1	0	5	-	0	-	-	-	-	
Knutsford ...	99	65	17.2	6.4	11.8	-	21.2	11	-0.8	2	12.3	10.6	59	98	27	6	12	8	-	0	-	-	-	1	7	-	-	-	-	-	-	-	
Ringway ...	21-9	75	16.0	7.5	11.7	+0.6	19.8	6	0.9	2	-	-	48	84	18	6	12	9	0	0	0	0	2	0	0	2	0	0	7.00	123	-	-	
Macclesfield ...	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl ...	99	9	15.4	7.4	11.4	+0.1	20.3	14	1.8	2	-	-	18	34	4	28	11	7	0	0	0	0	1	0	0	0	-	0	8.12	124	-	-	
Prestatyn ...	99	4	15.9	7.8	11.9	-	20.4	14	1.7	2	-	-	29	50	6	29	12	8	0	0	1	0	1	0	0	-	-	0	7.77	124	-	-	
Hawarden Bridge ...	99	5	(16.9)	6.9	(11.9)	(+0.3)	20.1	5	0.6	2	-	-	24	44	5	7	10	7	0	0	0	0	2	0	0	-	-	0	-	-	-	-	
Anglesey																																	
Valley ...	21-9	10	15.2	7.8	11.5	+0.5	21.6	14	3.6	2	-	-	28	48	7	22	15	8	0	0	0	0	1	0	0	7	0	0	8.33	116	-	-	
Denbigh																																	
Colwyn Bay ...	99	-	15.2	8.0	11.6	-	19.6	6	3.4	2	-	-	37	-	16	28	11	8	0	0	0	0	2	0	0	-	-	0	8.38	124	-	-	
Alwen ...	99	335	14.3	2.9	8.6	-	17.9	14	-5.0	2	-	-	34	-	8	6	10	10	-	-	-	-	-	-	10	13	-	-	-	-	-	-	
Ruthin ...	99	76	15.8	5.7	10.7	-	18.7	11	-0.1	2	-	-	22	-	6	6	13	6	-	0	-	-	-	0	1	-	-	-	6.84	-	-	-	
Loggerheads ...	99	210	14.9	5.1	10.0	-	17.8	11	-1.7	2	10.6	9.7	37	-	11	6	11	9	0	0	0	3	2	0	2	9	-	0	7.46	-	-	S	
Bwlchwyn ...	99	386	14.0	5.3	9.7	-	17.1	21	1.0	2	8.9	-	39	49	11	6	10	9	0	1	0	2	0	0	5	-	-	0	-	-	-	-	
Wrexham ...	99	88	16.2	6.5	11.3	-	19.6	11	0.7	2	-	-	23	40	6	7	9	6	0	2	0	2	0	0	-	-	-	0	-	-	-	-	
Caernarvon																																	
Bardsey Island ...	21-9	18	13.1	6.8	9.9	-	17.5	13	3.6	1	-	-	37	-	11	22	12	9	-	0	-	-	-	1	0	0	-	-	-	-	-	-	
Botwnnog ...	99	34	14.9	7.2	11.1	-	20.3	14	2.8	17	13.6	11.6	39	-	11	22	10	9	0	0	0	0	0	0	0	5	-	0	8.18	-	-	-	
Pen-y-Ffridd ...	99	84	16.2	7.2	11.7	-	22.2	14	2.7	16	-	-	35	46	8	26	16	10	0	0	1	0	1	0	0	-	-	0	7.24	-	-	-	
Aber ...	99	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Merioneth																																	
Trawsfynydd ...	99	186	(15.1)	(6.5)	(10.8)	-	21.3	14	1.8	2	-	-	52	-	11	28	15	9	-	0	-	-	-	0	0	9	-	-	-	-	-	-	
Bala ...	99	163	15.7	4.6	10.1	-	20.1	14	-3.2	2	12.2	10.8	25	-	5	28	15	10	0	1	0	2	0	7	9	8	-	0	6.99	-	-	-	
Corwen ...	99	144	16.2	3.8	10.0	-	20.4	14	-2.9	2	-	-	19	25	5	6	10	8	0	0	0	0	2	-	9	9	-	0	-	-	-	S	
Montgomery																																	
Ceinws ...	99	61	17.0	6.2	11.6	-	21.0	12,14	0.0	2,3,4	-	-	67																				

For meaning of symbols \bar{x} , s , \pm , S used below see Notes in the Introduction

For meaning of symbols ¶ § ± \$ used below see Notes in the Introduction

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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				
			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'n	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																				0.2mm or more	1.0mm or more		
8a SOUTH WALES — continued																																	
Carmarthen																																	
Carmarthen ...	99	15	16.4	6.1	11.3	-	22.1	12	-0.7	16	12.8	11.4	43	-	15	29	13	11	0	0	0	0	0	1	6	-	0	7.72	-	S			
Esgairwen-Uchaf ...	99	332																															
Brynamman ...	21-9	183	15.9	7.2	11.5	-	21.8	14	2.0	2	-	-	86	-	19	29	14	12	0	-	2	0	1	0	0	2	-	0	-	-			
Radnor																																	
Cenarth Mill ...	21-9	282	14.6	3.6	9.1	-	17.9	11	-3.6	2	-	-	49	-	14	22	12	9	-	0	-	-	-	0	9	16	-	-	-				
Llandrindod Wells ...	99	235	16.2	5.4	10.8	+0.2	20.0	21	-1.6	2	10.1	-	57	83	13	22	15	10	0	0	0	0	1	0	2	-	0	6.26	112	S			
Brecknock																																	
Llwynon ...	99	242	15.0	5.7	10.3	-	19.0	14	-1.0	2	-	-	79	-	20	22	15	10	0	0	0	0	2	4	2	-	0	6.51	-	-			
Glamorgan																																	
Mumbles ...	21-9	37	14.8	8.6	11.7	-	20.0	20	4.4	16	-	-	-	-	-	-	-	0	0	0	0	0	2	0	1	0	0	-	-	-			
Penmaen ...	99	82	15.3	7.7	11.5	-	19.6	13	3.4	2	13.2	11.9	43	-	16	29	12	8	0	0	0	0	1	0	0	-	0	8.30	-	-			
Swansea ...	99	8	16.3	8.8	12.7	+0.3	22.2	13	3.9	2	14.8	-	45	-	20	29	13	10	0	0	0	0	0	0	-	0	8.49	132	S				
Port Talbot ...	99	7	17.7	8.7	13.2	-	22.9	14	1.4	3	-	-	49	72	24	29	12	11	0	0	1	0	1	0	1	-	0	7.77	-	S			
Neath ...	99	62	16.2	8.1	12.1	-	21.1	13	2.2	2	-	-	52	67	20	29	19	9	0	0	0	1	0	0	4	-	0	-	-				
Rhose ...	21-9	67	16.3	7.1	11.7	-	20.5	12	0.8	2	-	-	46	-	27	29	10	8	0	0	0	1	0	0	8	3	0	8.19	120	-			
Cardiff ...	99	62	17.6	8.3	12.9	+1.0	21.8	11	3.4	3	12.2	10.7	41	55	14	29	14	12	0	0	0	0	0	0	-	-	7.16	-	-				
Monmouth																																	
Tredegar ...	99	313	15.0	6.1	10.5	-	19.4	11	-0.1	2	-	-	97	102	43	22	16	12	0	0	0	0	1	3	1	4	-	0	6.94	-	-		
Newport ...	99	23	17.2	7.6	12.4	(+0.3)	21.6	11	2.2	2	-	-	47	68	11	29	11	9	0	0	1	0	1	0	1	-	0	7.78	-	-			
Usk ...	99	21	-	-	-	-	-	-	-	-	-	-	40	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Crumbland ...	99	245	15.6	6.3	10.9	-	19.3	11	0.6	1	11.7	10.3	65	95	18	6	13	12	-	0	-	-	-	-	-	-	-	7.93	-	-			
8b ENGLAND SW																																	
Somerset																																	
HawkrIDGE ...	99	314	14.3	6.2	10.3	-	19.4	11	0.6	4	-	-	49	57	18	24	16	9	0	0	1	0	0	0	6	-	0	7.31	-	-			
Nettlecombe ...	99	96	15.7	6.0	10.9	-	20.0	11	-0.6	1,2	13.2	-	36	-	12	24	10	6	0	0	0	0	2	0	2	10	-	0	-	-			
Cannington ...	99	29	16.5	7.3	11.9	-	21.7	11	1.1	4	13.6	-	28	50	7	15	12	9	0	-	0	1	0	0	5	-	0	(7.44)	(112)	-			
Weston-super-Mare	99	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cricketer Malherbie	99	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Cheddar ...	99	11	17.4	(7.1)	(12.3)	-	21.4	11	0.6	3,4,18	(18.3)	-	25	-	7	24	11	10	-	0	-	-	-	-	0	6	-	-	-	-			
Yeovilton ...	21-9	18	17.2	6.4	11.8	-	22.9	12	-0.3	3	-	-	33	-	8	24	13	9	0	0	1	0	1	0	1	6	3	0	-	-			
Rodney Stoke ...	99	40	16.7	7.3	12.0	-	22.0	11	1.1	4	13.0	10.8	32	-	10	24	8	8	-	-	-	-	1	0	2	-	-	-	-				
Long Ashton ...	99	49	17.1	7.0	12.1	+0.3	22.1	11	-1.2	2	13.4	-	32	50	9	24	11	10	0	0	0	1	0	1	6	-	0	8.15	130	-			
West Camel ...	99	27	17.7	5.8	11.7	-	23.5	11	-1.6	2	-	-	36	-	12	24	12	9	0	0	2	0	1	0	4	12	-	0	-	-			
Wincanton ...	99	114	16.7	6.2	11.5	-	22.5	11	0.3	1	-	-	45	-	10	24	12	9	0	0	0	1	0	0	6	-	0	-	-				
Bath City Boys' School	99	118	16.6	7.3	11.9	-	20.3	11	1.2	1	13.4	-	64	108	17	6	12	11	0	0	0	0	1	0	0	-	0	-	-				
Dorset																																	
Portland Bill																																	
Coastguard ...	21-9	53	14.4	8.5	11.5	-	21.8	12	2.9	1	-	-	17	-	3	28	10	7	0	0	0	0	1	3	0	0	0	0	8.24	-	-		
Weymouth ...	99	23	15.9	7.1	11.5	-	23.4	12	0.7	1	-	-	18	-	5	15	8	7	0	0	0	1	0	0	-	-	0	8.59	-	-			
Winfrith ...	99	26	16.9	5.9	11.4	-	23.8	12	-1.2	4	-	-	29	-	7	6	10	7	-	0	-	-	-	0	3	9	-	-	-				
Shaftesbury ...	99	207	16.0	6.4	11.2	+0.3	21.8	11	0.7	2	-	-	38	70	8	29	12	11	-	0	-	-	-	1	0	-	-	-	-				
Swanage ...	99	11	15.6	8.1	11.9	-	22.9	12	2.3	4	-	11.9	32	67	8	29	10	9	0	-	0	1	1	0	0	-	0	8.36	115	-			
Poole ...	99	8	17.1	7.4	12.3	-	24.2	12	0.9	4	13.3	12.0	23	45	5	15	11	7	0	0	0	0	0	0	4	-	0	8.02	114	-			
Devon																																	
Virginstow ...	99	168	15.8	6.6	11.2	-	21.6	12	1.0	3	-	-	34	-	10	29	12	10	0	-	0	0	0	1	0	1	-	0	-	-			
Hartland Point ...	21-9	91	13.8	8.6	11.2	-	19.5	13	5.0	4	-	-	47	88	20	29	13	10	0	0	0	0	1	0	0	0	0	8.45	122	-			
Mount Batten ...	21-9	27	15.6	8.2	11.9	+0.2	20.5	20	1.6	4	-	-	40	65	11	29	13	8	0	0	0	0	0	0	7	0	0	8.23	117	-			
Plymouth Hoe ...	99	36	16.4	8.4	12.4	+0.2	21.7	12	2.4	4	13.3	-	50	84	13	28	11	8	0	0	0	0	0	0	0	-	0	7.18	101	-			
Tavistock ...	99	139	16.9	6.8	11.9	+0.5	22.1	12	0.0	4	-	-	42	56	19	29	13	10	0	0	0	0	0	0	-	-	0	-	-				
Chivenor ...	21-9	6	16.4	8.1	12.3	+0.1	22.2	14	1.9	3	-	-	43	83	13	24	11	8	0	0	0	1	0	0	4	0	0	8.37	-	-			
Ilfracombe ...	99	8																															
Totnes ...	99	84	16.4	5.2	10.8	-	21.8	13	-1.0	4	11.9	10.6	32	-	10	23	7	5	-	0	-	-	-	0	1	9	-	-	6.46	-	-		
Cheldon Barton ...	21-9	163	15.8	6.4	11.1	-	20.1	12	-0.3	3	13.0	-	35	-	10	29	11	6	0	0	0	0	2	0	2	10	-	0	7.33	-	-		
Shelpton ...	99	32	15.7	7.9	11.8	-	21.0	12	2.4	18	-	-	26	36	9	28	8	7	0	0	0	0	0	3	0	0	-	0	-	-			
Newton Abbot ...	99	83	16.1	7.3	11.7	+0.1	21.4	12	-0.9	4	-	-	22	34	7	29	11	4	0	0	0	0	1	0	1	4	-	0	7.19	123	-		
Torbay (Torquay)	99	8	16.1	8.4	12.3	+0.2	22.6	12	1.8	4	-	12.5	14	25	5	28	11	5	0	0	0	1	0	0	0	-	0	8.16	114	-			
Teignmouth ...	99	6	15.9	8.6	12.3	+0.2	21.1	12	1.6	4	-	-	10	17	4	29	8	4	0	0	0	0	1	0	-	-	0	8.05	115	-			
Starcross ...	99	9	16.0	7.3	11.7	-	22.1	12	0.0	4	13.2	-	17	28	8	23	9	5	0	0	0	1	1	0	5	-	0	7.33	-	-			
Exmouth ...	99	59	15.8	8.1	11.9	+0.6	23.0	12	1.4	4	-	-	13	22	4</																		

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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District, county and place	max. terminal h (GMT) min. or 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'n 0.2mm or more	1.0mm or more	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																	
NORTHERN IRELAND — continued																																	
Londonderry — continued																																	
Garvagh Forest ...	99	88	14.6	5.1	9.9	-	18.9	10	-1.1	5	10.7	8.8	79	-	20	15	16	11	0	0	1	0	1	0	1	9	-	-	-	-	-	-	
Moneydig ...	21-9	34	14.9	5.5	10.2	-0.2	19.2	10	0.2	21	11.4	-	68	97	19	22	14	10	0	0	5	0	1	0	0	12	0	0	-	-	-	-	
Traad Point ...	99	16	-	-	-	-	-	-	-	-	-	-	46	-	19	22	15	9	0	-	0	0	4	-	-	-	-	-	4.94	-	-	-	
Antrim																																	
Ballymoney ...	99	55	15.1	6.0	10.5	-	19.1	10	1.6	12	-	-	64	-	15	22	14	11	0	-	0	1	1	0	0	-	-	-	-	-	-	-	
Lisnafillan ...	99	38	14.7	5.2	9.9	-	18.9	10	-1.1	1	-	-	42	-	15	22	14	6	0	0	0	0	1	0	2	8	-	-	6.03	-	-	-	
Aldergrove ¶ §	21-9	68	14.6	6.6	10.6	+0.1	18.5	10	1.1	21	11.4	9.3	68	95	22	22	16	10	0	0	5	0	1	0	0	5	1	0	5.97	94	-	-	
Greenmount ...	99	32	14.9	6.4	10.7	-	19.4	12	-0.4	2	11.8	-	51	-	14	22	12	9	0	0	1	0	0	-	2	4	-	-	-	-	-	-	
Altnahinch ...	99	226	13.3	5.0	9.1	-	17.2	10	-1.1	21	-	-	87	-	18	15	18	13	0	0	2	0	1	0	1	5	-	0	5.51	-	-	-	
Parkmore Forest ...	99	235	12.8	4.8	8.8	-	16.9	10	-0.3	1	9.6	-	86	81	27	15	17	11	0	0	0	1	1	1	7	-	0	-	-	-	-	-	
Black Mountain ...	21-9	295	12.5	4.7	8.6	-	17.3	10	1.2	1	-	-	65	-	12	17	15	12	0	0	1	0	0	1	0	-	-	-	-	-	-	-	
Lowtown ...	99	271	12.6	4.7	8.7	-	16.1	10,14	0.0	5	9.3	-	55	-	10	15	15	12	0	0	0	1	2	0	11	-	0	5.50	-	-	-	-	
Ballypatrick Forest ...	99	152	13.1	5.6	9.3	-	18.4	10	1.5	1	-	-	75	90	17	15	16	10	0	0	0	1	0	0	6	-	0	5.67	-	-	-	-	
Belfast Malone ¶	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Newtownabbey ...	99	32	14.7	7.4	11.1	-	19.3	10	2.2	1	12.1	-	41	-	11	28	14	10	0	0	4	0	2	0	0	2	-	0	5.97	-	-	S	
Woodburn North ...	99	217	13.0	4.4	8.7	-	18.3	10	-1.8	1	-	-	45	55	8	28	13	12	0	0	0	2	2	3	10	-	0	-	-	-	-	-	
Larne ...	99	43	15.0	6.1	10.5	-	20.9	10	1.3	1	-	-	39	54	5	23,28	16	13	0	0	1	0	1	0	0	-	0	-	-	-	-	-	
Kilroot ...	99	22	14.3	6.4	10.3	-	19.3	10	0.6	1	-	-	32	-	7	28	12	9	0	0	0	1	0	0	3	-	-	-	-	-	-	-	
Ballylumford ...	99	24	14.3	6.7	10.5	-	18.4	10	-0.6	1	-	-	36	-	6	23	15	11	0	-	0	0	0	-	1	3	-	-	-	-	-	-	
Down																																	
Hillsborough §	99	116	13.9	6.1	10.0	0.0	18.2	10	2.3	2	10.7	9.2	59	92	17	28	12	10	0	0	0	1	1	0	0	6	-	0	6.27	101	-	-	
Kilkeel ...	21-9	18	13.3	7.3	10.3	-0.2	15.6	5	1.7	1	-	-	32	-	7	28	14	8	0	0	0	0	1	0	0	1	0	0	6.05	-	-	-	
Tollymore Park ...	99	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rosetta ...	99	24	14.9	6.6	10.7	-	19.4	10	0.0	1	-	-	43	-	11	28	12	10	0	-	0	0	0	0	0	-	-	-	-	-	-	-	
Murlough ...	99	9	14.2	5.8	10.0	-	17.3	12	1.5	1	11.1	9.7	28	-	7	15	14	7	0	0	3	0	2	0	0	9	-	0	5.85	-	-	-	
Belfast Rosebank ...	99	47	15.1	6.7	10.9	-	19.5	10	1.0	1	-	-	36	-	7	28	13	10	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
Stormont Castle ...	99	56	14.6	6.7	10.7	-	20.2	10	1.7	1	11.6	10.4	94	55	7	28	13	10	0	0	0	1	0	0	1	-	0	5.99	-	-	-	-	
Downpatrick ...	99	26	14.7	6.4	10.5	-	17.2	12	0.4	1	-	-	38	-	7	22,28	14	10	0	0	0	1	3	0	2	-	-	-	-	-	-	-	
Creightons Green ...	99	119	13.6	6.6	10.1	-	18.4	10	1.2	1	-	-	38	-	6	29	14	9	0	0	0	1	2	0	0	1	-	0	-	-	-	-	
Reagh Island ¹⁰ ...	99	12	14.6	7.2	10.9	-	18.2	12	1.1	1	-	-	32	-	6	6	13	7	0	-	1	0	1	0	0	2	-	0	5.54	-	-	-	
Helens Bay ...	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Killough ...	21-9	15	12.7	7.1	9.9	-	14.8	12	1.3	1	-	-	54	-	11	17	15	10	0	0	2	0	1	0	0	3	0	0	-	-	-	-	
Ballywalter Park ...	-	11	-	-	-	-	-	-	-	-	-	-	34	58	9	17	15	10	-	-	-	-	-	-	-	-	-	-	6.28	-	-	-	
Armagh																																	
Armagh ... ¶ §	99	62	15.6	6.3	10.9	0.0	20.0	10	2.2	1	12.8	11.2	50	89	19	22	12	10	0	0	1	0	1	0	0	3	-	0	5.25	88	-	-	-
Loughgall ...	99	25	14.8	5.7	10.3	-	17.7	10	0.1	2	-	-	58	104	22	22	15	13	0	0	0	2	0	0	0	10	-	0	5.47	-	-	-	-
Tandragee ...	99	43	15.5	5.6	10.5	-	19.1	10,12	0.5	1	-	-	47	-	18	22	13	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bessbrook ...	-	76	-	-	-	-	-	-	-	-	-	-	52	75	13	22	16	10	-	-	-	-	-	-	-	-	-	-	5.85	93	-	-	
Portadown ...	99	16	15.5	5.7	10.6	-	19.6	10	-0.2	1	11.9	10.7	54	-	18	22	14	11	0	-	0	0	0	-	1	5	-	0	-	-	-	-	
Lurgan ...	99	55	15.2	5.8	10.5	-	18.9	10	-0.4	1	11.8	10.4	52	-	20	22	14	10	-	-	-	-	-	-	1	7	-	-	5.89	-	-	-	
Tyrone																																	
Lough Bradan ...	99	169	13.8	4.9	9.3	-	17.8	5	-0.6	21	-	-	89	-	15	15	19	15	-	0	-	-	-	0	1	10	-	-	4.88	-	-	-	-
Baronscourt Forest ...	99	88	14.8	6.3	10.5	-	18.7	12	-0.5	21,29	-	-	72	-	14	22	19	14	0	0	0	1	0	2	7	-	-	-	-	-	-	-	-
Strabane Convent ...	99	44	15.5	6.7	12.1	-	19.5	10	1.0	21	-	-	77	-	16	15	19	15	0	0	2	0	1	0	0	4	-	1	5.51	-	-	-	-
Carrigans ...	21-9	113	14.6	6.0	10.3	-	18.2	12	1.0	21	-	-	91	-	15	15	18	15	0	0	3	0	1	0	0	5	0	0	-	-	-	-	-
Lislap Forest ...	99	209	13.8	5.0	9.4	-	18.4	12	-1.0	29	11.0	-	92	107	16	16	19	16	0	0	0	0	0	1	11	-	0	-	-	-	-	-	
Knockmany Forest ...	99	73	14.4	4.5	9.5	-	17.9	12	-1.8	21	-	-	65	94	12	22	16	15	0	0	0	0	1	2	10	-	-	-	-	-	-	-	
Pomeroy Forest ...	99	165	13.9	5.3	9.6	-	17.2	10	1.8	2	11.2	-	66	-	13	15	16	13	0	1	0	1	0	0	11	-	0	-	-	-	-	-	
Cookstown ...	99	77	14.4	5.6	10.0	-	17.7	10	0.8	2	11.2	-	48	69	14	22	17	11	0	-	0	0	0	0	0	5	-	-	4.95	-	-	-	-
Fermanagh																																	
Roscor ...	99	143	14.2	6.2	10.2	-	18.7	5,13	2.8	29	-	-	90	120	11	27	23	17	0	0	0	2	1	1	0	4	-	0	-	-	-	-	
Lough Navar Forest ...	99	148	14.3	4.4	9.3	-	17.5	6,12	-0.6	29	-	-	90	-	11	22	21	14	0	0	0	0	1	0	3	6	-	0	-	-	-	-	
Castle Archdale ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Forest ... ¶ §	99	66	14.4	6.1	10.3	-0.4	18.3	5	0.5	21	11.7	9.7	88	139	13	15	19	15	0	0	0	1	0	0	1	-	0	5.20	84	-	-	-	-
Lisnaskea ...	99	49	14.7	5.4	10.1	-	18.3	12	0.0	21	-	-	67	-	12	28	14	12	0	-	0	0	0	0	6	-	0	4.69	-	-	-	-	-
Pubble Forest ...	99	91	14.5	5.5	10.0	-	18.2	5	0.0	19,21	-	-	79	-	12	15	19	15	0	0	0	0	0	0	0	6	-	-	-	-	-	-	-
CHANNEL ISLES																																	
Guernsey Airport	21-9	104	14.3	8.3	11.3	-0.4	18.3	12	5.1	3	11.7	10.6	30	58	8	15	10	7															

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	speed (kt)																		
																									34 or more	22-33	11-21	1-10	0									number of observations					
																																						8 or more	6-7	4-5	1-3	calm	
0 SCOTLAND N																																											
Lerwick [Zetland] ¹¹																																											
83	3	1011.2	-	-	-	-	-	6.3	0	4	3	14	8	0	0	0	0	0	0	0	0	0	0	0	1	11	18	1	0	0	1	2	9	9	5	4	0						
	9	1011.7	-4.0	-	-	-	-	5.8	1	2	7	10	9	0	0	0	0	0	0	0	0	0	0	0	0	2	13	16	0	0	0	1	4	7	10	5	0						
	15	1011.5	-	-	-	-	-	5.8	0	4	9	7	10	1	0	0	0	0	0	0	0	0	0	0	0	0	4	17	10	0	0	0	1	2	9	8	5	0					
	21	1011.9	-	-	-	-	-	5.8	0	6	3	10	10	2	0	0	0	0	0	0	0	0	0	0	0	0	1	9	20	1	0	0	0	5	8	9	5	0					
Kirkwall [Orkney]																																											
26	3	1010.4	-	-	-	-	-	5.2	2	7	3	10	9	0	0	0	0	0	0	0	0	0	0	0	0	2	8	6	12	3	0	0	16	13	2	0	0	0					
	9	1011.0	-4.2	-	-	-	-	5.2	1	6	6	13	4	1	0	0	0	0	0	0	0	0	0	0	0	1	4	3	15	7	0	0	26	4	1	0	0	0					
	15	1010.9	-	-	-	-	-	5.3	1	5	7	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	3	12	10	0	3	25	3	0	0	0					
	21	1010.9	-	-	-	-	-	5.8	0	5	5	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	9	5	12	4	0	0	18	13	0	1	1	2					
Wick [Caithness]																																											
37	3	1010.3	-	-	-	-	-	5.0	0	10	1	16	4	0	0	0	0	0	0	0	0	0	0	0	0	0	9	5	12	4	0	0	6	25	0	0	0	0					
	9	1010.8	-5.0	-	-	-	-	5.4	1	6	2	18	4	0	0	0	0	0	0	0	0	0	0	0	0	3	4	1	11	12	0	0	15	15	1	0	0	0					
	15	1010.5	-	-	-	-	-	6.1	0	2	4	21	4	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	7	11	0	0	20	11	0	1	0	0					
	21	1010.7	-	-	-	-	-	5.3	0	6	5	16	4	0	0	0	0	0	0	0	0	0	0	0	0	2	6	9	6	8	0	0	9	19	3	1	1	2					
Cape Wrath* [Sutherland]																																											
113	3	1008.8	-	-	-	-	-	5.5	1	5	3	17	2	3	0	0	0	0	0	0	0	0	0	0	0	1	9	18	0	0	5	26	0	0	1	4	3						
	9	1009.6	-	-	-	-	-	5.8	1	2	7	13	8	0	0	0	0	0	0	0	0	0	0	0	0	1	4	10	16	0	0	7	20	4	0	2	5						
	15	1009.6	-	-	-	-	-	5.8	0	3	6	18	3	1	0	0	0	0	0	0	0	0	0	0	0	2	1	15	12	0	1	9	18	3	0	2	4						
	21	1009.5	-	-	-	-	-	5.8	1	2	7	14	6	1	0	0	0	0	0	0	0	0	0	0	0	2	5	9	14	0	1	5	23	2	1	1	5						
Stornoway [Ross & Cromarty]																																											
5	3	1009.0	-	-	-	-	-	5.3	2	4	7	11	7	0	0	0	0	0	0	0	0	0	0	0	0	3	12	11	5	0	2	13	10	6	1	2	2						
	9	1009.8	-5.6	-	-	-	-	5.1	2	5	6	12	6	0	0	0	0	0	0	0	0	0	0	0	0	7	6	11	7	0	5	16	9	1	3	2	2						
	15	1009.7	-	-	-	-	-	5.8	0	4	7	10	10	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	10	10	0	5	19	7	0	1	5						
	21	1009.7	-	-	-	-	-	5.5	0	6	6	12	7	0	0	0	0	0	0	0	0	0	0	0	0	5	11	10	5	0	1	13	14	3	3	4							
Benbecula [Inverness-shire]																																											
7	3	1009.1	-	-	-	-	-	5.3	0	8	6	6	11	0	0	0	0	0	0	0	0	0	0	0	0	6	11	6	8	0	0	13	15	3	1	2	0						
	9	1009.6	-5.5	-	-	-	-	6.1	1	4	3	12	11	0	0	0	0	0	0	0	0	0	0	0	0	6	11	6	8	0	0	13	15	3	1	2	0						
	15	1009.7	-	-	-	-	-	5.8	1	3	6	14	7	0	0	0	0	0	0	0	0	0	0	0	0	1	4	13	4	8	0	1	13	17	0	2	4						
	21	1009.7	-	-	-	-	-	5.9	0	4	6	13	8	0	0	0	0	0	0	0	0	0	0	0	0	3	11	7	9	0	0	21	10	0	3	1							
1 SCOTLAND E																																											
Kinloss [Moray]																																											
6	3	1010.6	-	-	-	-	-	4.8	1	10	3	14	3	0	0	0	0	0	0	0	0	0	0	0	0	1	10	7	12	0	0	5	23	3	1	0	5						
	9	1010.9	-4.8	-	-	-	-	5.2	1	4	9	13	4	0	0	0	0	0	0	0	0	0	0	0	0	2	5	9	15	0	1	15	15	0	3	0							
	15	1010.2	-	-	-	-	-	6.1	0	1	9	14	7	0	0	0	0	0	0	0	0	0	0	0	0	4	10	14	0	3	16	12	0	7	3								
	21	1010.7	-	-	-	-	-	5.2	0	6	8	13	4	0	0	0	0	0	0	0	0	0	0	0	0	5	6	7	13	0	0	9	21	1	1	0							
Dyce [Aberdeenshire]																																											
59	3	1011.8	-	-	-	-	-	5.2	1	5	8	10	6	1	0	0	0	0	0	0	0	0	0	0	0	3	7	11	5	4	0	0	9	14	8	0	0						
	9	1012.1	-4.0	-	-	-	-	5.1	0	5	10	12	4	0	0	0	0	0	0	0	0	0	0	0	0	3	5	4	9	10	0	0	16	14	1	1	0						
	15	1011.6	-	-	-	-	-	5.2	0	6	8	11	6	0	0	0	0	0	0	0	0	0	0	0	0	3	4	8	8	0	0	1	25	5	0	1	1						
	21	1012.0	-	-	-	-	-	5.4	0	4	9	13	5	0	0	0	0	0	0	0	0	0	0	0	0	4	7	6	8	6	0	0	11	18	2	0	1						
Fraserburgh [Aberdeenshire]																																											
22	3	1011.5	-	-	-	-	-	4.7	0	10	6	7	7	1	0	0	0	0	0	0	0	0	0	0	0	6	15	9	0	0	1	11	19	0	0	0							
	9	1012.0	-4.0	-	-	-	-	4.7	0	9	8	8	6	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	18	13	0	0	0							
	15	1011.7	-	-	-	-	-	4.9	0	5	13	6	7	0	0	0	0	0	0	0	0	0	0	0	8	9	13	0	0	1	20	9	1	2	0								
	21	1011.8	-	-	-	-	-	5.2	0	7	7	13	3	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	12	11	2	0	0	10	19	2	1						
Turnhouse [Midlothian]																																											
44	3	1011.9	-	-	-	-	-	4.9	1	7	8	10	5	0	0	0	0	0	0	0	0	0	0	0	0	3	7	12	8	0	0	4	16	11	1	4	1						
	9	1012.2	-4.0	-	-	-	-	5.2	0	6	5	17	3	0	0	0	0	0	0	0	0	0	0	0	0	3	6	10	9	3	1	10	17	3	1	8							
	15	1011.3	-	-	-	-	-	5.5	0	5	8	12	6	0	0	0	0	0	0	0	0	0	0	0	0	2	3	11	6	9	0	0	19	12	0	1							
	21	1012.0	-	-	-	-	-	4.8	1	9	7	10	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7	12	5	6	0	0	7	22	2	1						
6a SCOTLAND W																																											
Tiree [Argyll]																																											
10	3	1009.6	-	-	-	-	-	5.5	0	6	6	10	9	0	0	0	0	0	0	0	0	0	0	0	0	6	11	8	6	0	2	16	12	1	0	2							
	9	1010.1	-5.8	-	-	-	-	6.0	1	3	8	16	8	0	0	0	0	0	0	0	0	0	0	0	0	9	10	5	7	0	3	22	6	0	3	1							
	15	1010.1	-	-	-	-	-	5.0	1	8	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6	10	5	10	3	22	5	1	2	1								
	21	1010.2	-	-	-	-	-	5.4	0	6	6	11	8	0	0	0	0	0	0	0	0	0	0	0	0	5	7	11	8	0	0	16	15	0	3	3							
Rhuvaal [Argyll]																																											
19	3	1010.6	-	-	-	-	-	5.2	2	3	8	9	9	0	0	0	0	0	0	0	0	0	0	0	0	4	17	10	0	0	5	23	3	1	0	1							
	9	1011.0	-	-	-	-	-	5.6	1	1	13	7	9	0	0	0	0	0	0	0	0	0	0	0	1	7	11	12	0	0	11	18	2	0	0								
	15	1010.9	-	-	-	-	-	5.3	0	5	10	8	8	0	0	0	0	0	0	0	0	0	0	0	0	1	5	11	14	0	0	12	19	0	3	0							
	21	1011.3	-	-	-	-	-	5.7	0	4	8	9	10	0	0	0	0	0	0	0	0	0	0	0	0	4	6	8	13	0	0	9	21	1	2	0							
Machrihanish [Argyll]																																											
14	3	1010.5	-	-	-	-	-	5.8	1	5	2	15	8	0	0	0	0	0	0	0	0	0	0	0	0	1	5	7	13	5	0												

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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	speed (kt)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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6a SCOTLAND W -continued																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Prestwick [Ayrshire]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
21	3	1011.4	-	7.3	0.9	9.0	87	4.9	1	5	11	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

MAY 1971

[illegible]

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the introduction.				cloud amount										visibility					wind speed and direction																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				oktas											beaufort force										N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
		at MSL (mb)	difference from 1931-60 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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26	3	1012.8	-	9.3	1.1	10.2	85	4.5	6	6	4	5	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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 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	speed (kt)																
																									34 or more	22-33	11-21	1-10									0				
																																						8 or more	6, 7	4, 5	1-3
																																						calm			
number of observations																																									
Ba SOUTH WALES																																									
Aberporth [Cardiganshire]																																									
134	3	1011.8	-	8.6	0.9	9.9	88	4.4	6	7	3	8	6	1	0	0	0	0	2	2	7	10	5	4	0	0	0	12	17	2	2	1	5	8	7	0	3	3			
	9	1012.4	-3.4	11.1	1.9	10.1	77	4.1	6	5	8	5	7	0	0	0	1	1	1	6	10	6	6	0	0	0	0	15	15	1	2	4	3	4	7	0	5	5			
	15	1012.0	-	12.9	2.7	10.3	70	4.3	3	7	6	11	4	0	0	0	0	1	1	0	3	8	9	9	0	0	0	4	13	14	0	1	3	1	2	4	2	8	10		
	21	1012.3	-	10.1	1.4	10.2	83	4.3	2	11	5	6	6	1	0	0	1	2	1	6	8	7	5	0	0	0	1	10	15	5	1	1	3	7	3	5	4	2			
Milford Haven Conservancy Board [Pembrokeshire]																																									
39	3	1012.2	-	9.3	0.9	10.5	89	3.7	9	3	9	3	7	0	0	0	0	1	1	16	9	4	0	0	0	0	0	6	18	7	5	6	2	1	4	0	2	4			
	9	1012.8	-3.1	11.7	2.0	10.5	76	4.0	9	3	7	5	7	0	0	0	0	1	1	14	9	4	0	0	0	0	0	10	17	4	1	2	9	2	2	4	3	4			
	15	1012.7	-	13.9	3.0	10.8	68	4.5	6	3	9	4	8	1	0	0	0	1	0	0	12	10	8	0	0	0	0	13	16	2	1	0	3	3	3	11	4	4			
	21	1012.3	-	10.8	1.3	11.0	85	4.1	8	4	8	2	8	1	0	0	0	1	0	13	12	4	0	0	0	0	6	19	6	7	2	2	2	4	3	2	3				
Brynamman [Carmarthenshire]																																									
	9	-	-	11.4	1.7	10.9	81	5.2	1	5	6	12	7	0	0	0	0	4	2	11	4	9	1	0	0	0	2	24	5	2	6	0	6	3	3	1	5				
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	21	-	-	10.4	1.2	10.7	84	4.7	2	7	6	9	6	1	0	0	0	1	2	17	7	2	0	0	0	0	0	22	9	2	9	0	2	1	2	3	3				
Mumbles [Glamorgan]																																									
37	3	1011.5	-	10.0	1.1	10.6	86	4.2	8	4	5	4	9	1	0	0	1	0	0	3	16	8	3	0	0	0	0	12	14	5	5	6	6	0	3	5	1	0			
	9	1012.5	-	12.2	2.0	11.0	77	4.4	5	5	8	6	6	1	0	0	1	1	0	2	13	5	8	1	0	0	0	11	18	2	2	2	12	0	3	6	2	0			
	15	1012.0	-	13.6	2.5	11.3	73	4.2	5	6	7	9	3	1	0	0	0	1	0	1	10	8	6	5	0	0	1	15	15	0	2	0	3	2	1	11	12	0			
	21	1012.3	-	11.7	1.8	10.9	79	4.6	4	7	4	9	7	0	0	0	0	1	0	1	6	14	6	3	0	0	0	12	19	0	5	3	1	4	2	7	7	2			
Rhoose [Glamorgan]																																									
69	3	1012.1	-	8.5	0.8	10.0	89	4.3	8	4	3	7	8	1	0	0	0	2	0	7	16	5	1	0	0	0	5	22	4	1	8	5	2	2	3	4	2				
	9	1012.6	-3.9	12.0	2.1	10.6	75	4.4	4	7	5	12	3	0	0	0	0	0	3	9	8	6	5	0	0	0	9	21	1	1	6	8	3	4	1	6	1				
	15	1011.9	-	15.3	3.8	10.7	62	4.4	0	12	3	14	2	0	0	0	0	0	0	3	12	8	8	0	0	0	13	18	0	1	3	5	6	2	3	9	2				
	21	1012.5	-	10.7	1.4	10.7	82	4.2	3	10	4	9	5	0	0	0	0	0	1	10	12	4	4	0	0	0	6	24	1	1	6	1	2	3	2	12	3				
Bb ENGLAND SW																																									
Yeovilton [Somerset]																																									
23	3	1012.7	-	8.1	0.8	9.9	89	4.3	9	2	6	1	13	0	0	0	0	1	8	22	0	0	0	0	0	0	1	14	16	1	3	2	3	2	1	1	2				
	9	1013.0	-	12.7	2.3	10.8	73	4.8	5	4	7	6	9	0	0	0	0	1	2	18	8	2	0	0	0	0	9	17	5	0	8	4	2	5	1	6	0				
	15	1012.3	-	15.9	3.8	11.2	62	5.1	0	5	11	11	4	0	0	0	0	0	0	11	15	5	0	0	0	0	17	14	0	4	5	3	4	6	3	4	2				
	21	1012.9	-	11.6	1.8	10.7	77	4.2	5	7	6	5	8	0	0	0	0	0	4	16	11	0	0	0	0	0	2	18	11	3	3	1	4	4	0	2	3				
Portland Bill [Dorset]																																									
54	3	1012.2	-	9.4	0.9	10.5	89	4.1	10	2	6	3	9	1	0	1	0	0	2	10	13	4	0	0	0	0	11	18	2	6	5	7	2	2	1	3	3				
	9	1012.7	-	11.6	1.6	11.2	82	4.3	6	8	2	5	8	2	0	2	0	1	2	5	9	7	5	0	0	0	0	13	17	1	1	8	8	2	3	4	2	2			
	15	1012.4	-	13.3	2.2	11.6	77	4.7	4	4	8	7	7	1	0	0	0	1	4	8	6	8	0	0	0	0	9	21	1	0	2	4	4	5	9	4	2				
	21	1012.8	-	10.4	1.0	11.1	87	4.3	5	6	7	4	8	1	0	1	0	1	0	3	11	12	3	0	0	0	7	17	7	3	1	4	4	1	2	3	6				
Hartland Point [Devon]																																									
93	3	1012.5	-	9.5	0.7	10.8	90	4.3	9	3	5	4	8	2	0	0	0	2	0	1	6	12	6	4	0	0	0	14	13	4	3	5	3	2	5	4	4	1			
	9	1012.9	-	11.3	1.6	10.9	82	4.7	7	3	4	12	6	1	0	1	0	0	2	5	13	4	5	0	1	1	13	13	4	3	5	3	8	5	1	3	4	2			
	15	1013.0	-	12.5	2.1	11.1	77	4.6	4	5	7	10	5	0	0	0	0	1	0	8	12	4	8	0	0	0	10	19	2	3	8	2	0	1	4	9	2				
	21	1013.7	-	10.8	1.2	11.1	85	5.3	3	4	5	10	7	2	0	2	0	0	0	8	7	12	2	0	0	0	14	14	3	2	6	2	1	6	1	7	3				
Mount Batten [Devon]																																									
30	3	1012.2	-	9.2	0.7	10.7	90	4.2	6	7	3	8	6	1	0	0	0	1	0	8	13	7	0	0	0	0	6	19	6	4	4	8	0	4	2	2	1				
	9	1012.5	-3.8	12.6	2.2	11.1	76	4.4	3	10	2	12	4	0	0	0	0	1	1	10	10	5	4	0	0	0	10	20	1	2	2	8	1	6	6	1	4				
	15	1012.4	-	14.3	2.7	11.6	71	4.8	2	5	8	12	4	0	0	0	0	1	0	8	7	7	8	0	0	0	16	15	0	1	1	4	1	10	10	1	3				
	21	1013.0	-	11.3	1.4	11.2	83	4.4	5	7	3	12	4	0	0	0	0	1	0	10	11	4	5	0	0	0	5	23	3	7	3	3	1	6	1	3	4				
Chivenor [Devon]																																									
7	3	1012.1	-	9.2	0.9	10.4	88	4.6	7	2	4	11	7	0	0	1	0	0	2	8	12	5	3	0	0	0	1	25	5	1	2	10	3	4	2	2	2				
	9	1012.5	-3.6	12.7	2.3	10.8	73	4.3	2	9	6	11	3	0	0	0	0	1	4	6	12	8	0	0	0	0	6	22	3	1	2	4	6	4	2	6	3				
	15	1012.1	-	15.1	3.5	10.9	64	4.6	1	9	6	10	5	0	0	0	0	1	5	6	7	12	0	0	0	0	16	15	0	4	4	1	4	3	1	9	5				
	21	1012.7	-	11.4	1.5	11.0	81	4.9	4	4	8	9	6	0	0	0	0	1	0	7	4	12	6	0	0	0	6	20	5	4	0	5	2	4	0	8	3				
Exeter [Devon]																																									
38	3	1012.4	-	7.9	0.5	10.0	92	4.2	6	8	3	3	11	0	0	0	2	0	10	10	4	3	0	0	0	3	19	9	3	7	1	2	3	0	3	3					
	9	1012.6	-3.8	12.6	2.1	11.2	76	4.5	4	7	5	8	7	0	0	0	0	0	9	9	4	9	0	0	0	0	11	18	2	5	7	2	2	4	3	0	6				
	15	1012.2	-	15.3	3.1	11.8	68	4.9	3	4	7	13	4	0	0	0	0	0	5	9	6	11	0	0	0	0	16	15	0	2	3	0	6	12	0	2	6				
	21	1012.9	-	10.9	1.3	11.1	84	4.4	3	9	5	9	5	0	0	0	0	1	9	8	5	8	0	0	0	0	2	28	1	1	6	1	5	4	2	5	6				
Scilly [Cornwall]																																									
61	3	1012.1	-	10.0	0.7	11.2	91	3.9	7	10	2	3	7	2	0	0	1	1	2	1	9	5	7	5	0	0	11	17	3	7	2	2	3	3	4	4	3				
	9	1012.7	-3.4	11.8	1.4	11.5	83	4.8	2	5	10	8	3	3	0	0	1	2	1	7	9	5	5	0	0	0	11	15	5	7	3	5	2	3	2	2	2				
	15	1012.9	-	12.5	1.8	11.5	79	4.8	4	6	5	6	7	3	0	0	1	2	1	9	7	5	5	0	0	0	13	16	2	3	4</										

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

MAY 1971

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	7	24	0	0	0	0	0	0	0	0	1	30	0	0	Edgbaston	0	0	0	11	19	1	0	0	0	0	0	0	0	3	25	3	0
Lerwick (large screen)	0	0	5	26	0	0	0	0	0	0	0	0	2	29	0	0	Kew (psychrometer)	0	0	0	5	22	4	0	0	0	0	0	0	2	9	16	4	0
Stornoway	0	0	0	27	4	0	0	0	0	0	0	0	9	22	0	0	Kew (north-wall screen)	0	0	0	4	20	7	0	0	0	0	0	0	0	6	15	10	0
Craibstone	0	0	1	22	8	0	0	0	0	0	0	0	13	18	0	0	Hastings	0	0	0	18	12	1	0	0	0	0	0	0	0	3	18	10	0
Rothsay	0	0	0	20	11	0	0	0	0	0	0	0	3	27	1	0	Southampton	0	0	0	5	20	6	0	0	0	0	0	0	0	5	18	8	0
Abbotsinch	0	0	0	12	19	0	0	0	0	0	0	0	2	9	18	2	0	Stonyhurst	0	0	0	14	17	0	0	0	0	0	0	0	11	16	4	0
Eskdalemuir (psychrometer) ..	0	0	0	18	13	0	0	0	0	0	0	0	6	13	12	0	0	Bidston	0	0	0	12	18	1	0	0	0	0	0	0	2	22	7	0
Eskdalemuir (large screen) ..	0	0	0	19	12	0	0	0	0	0	0	0	6	12	13	0	0	Valley	0	0	0	19	8	4	0	0	0	0	0	0	6	19	6	0
Douglas	0	0	2	23	6	0	0	0	0	0	0	0	9	22	0	0	Falmouth	0	0	0	20	10	1	0	0	0	0	0	0	3	19	9	0	
Acklington	0	0	1	18	12	0	0	0	0	0	0	1	14	14	2	0	Aldergrove	0	0	0	15	16	0	0	0	0	0	0	0	9	18	4	0	
Gorleston	0	0	2	24	4	1	0	0	0	0	0	0	1	21	9	0	Armagh	0	0	0	13	18	0	0	0	0	0	0	0	12	18	1	0	
Cambridge Botanic Gardens	0	0	0	5	22	4	0	0	0	0	0	1	8	19	3	0																		

Table 6 Summary of autographic records of wind

MAY 1971

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								year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table 6 Summary of autographic records of wind

MAY 1971

District, county and place		height of vane (metres)		distribution of hourly mean values of wind speed										mean hourly wind speed (kt)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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					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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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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
1961	November	Penicuik																																1.37	
1966	April	Watnall													*398	206																			
	August	Cockle Park															96																	92	
1970	January	Stratford-on-Avon																																	
	March	Blyth Bridge																																	
		Stratford-on-Avon																																	
	April	Stratford-on-Avon																																	
	May	Stratford-on-Avon																																	
	June	Stratford-on-Avon																																	
	July	Stratford-on-Avon																																	
		Caldecott																																	
	August	Caldecott																																	5.02
		Stratford-on-Avon																																	5.07
	September	Caldecott																																	4.72
		Stratford-on-Avon																																	
	October	Stratford-on-Avon																																	
		Herne Bay			15.6		12.6																												
	November	Stratford-on-Avon																																	
		Aylesbury			(11.3)	(5.2)	(8.3)																												
		Keele													158	200																			
		Cirencester													162	189																			
		Usk															49	6	22	20															
		Morley																																	
		Wellesbourne			(11.2)																														
	December	Stratford-on-Avon																																	
		Ipsley			-	1.4	-																												
		Greenwich			(7.1)		(4.5)																												
		Mickleham			6.3		3.3																												
		Herne Bay			7.0	3.1	5.1																												
		Tredegar			(5.6)		(3.1)								63	117	11	26	13																
		Usk				1.3																													
		Buxton																																	
		Wisley			6.9		4.1	-0.6																											
		Waddon																																	
		Ampleforth			-	-	-	-	-	-	-	-	-	-	62	88																			
	February	March			8.0	1.3	4.7	-	11.7	3	-2.3	16	-	-	11	29	4	17	7	3	-	0	-	-	-	-	-	-	-	-	-	-	-	-	
		Aldenhurst School			8.0	0.7	4.3	-	10.8	4	-3.6	2.16	4.9	-	30	-	8	14	8	5	2	0	0	0	1	1	12	-	-	-	-	-	-	-	
		Little Parndon			8.1	1.1	4.6	-	13.0	20	-3.3	27	-	-	8	-	4	17	8	2	-	0	-	-	-	3	7	-	-	-	-	-	-	-	
		Braham			9.3	1.4	5.3	-	11.0	24	-3.9	17	-	-	-	-	-	-	-	-	3	1	0	0	0	3	7	16	-	0	-	-	-	-	
		Mansfield			(6.9)	(1.7)	(4.3)	(+1.0)	10.8	3	-2.2	16	4.2	-	18	35	5	17	9	5	2	0	0	0	0	0	(5)	(16)	-	0	-	-	-	-	
		Birmingham K.E.S.			-	1.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		Aylesbury			(7.9)	(0.5)	(4.2)	-	11.2	20	-3.8	2	-	-	19	43	7	14	7	6	4	0	0	0	0	-	(13)	(19)	-	0	2.39	-	-	-	
		Shrewsbury			7.7	1.2	4.5	+0.5	11.3	20	-6.4	17	4.7	5.9	24	-	7	27	12	6	4	-	-	-	1	7	14	-	0	2.21	-	-	-		
		Bridgenorth			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Lyonsall			(7.3)		(4.2)	(+0.6)																											
		Letcombe Regis																																	
		Wallingford																																	
		Stonyhurst			7.0	1.6	4.3	+1.0	10.1	19	-3.8	16	-	-	90	98	25	12	12	10	-	2	-	-	-	7	4	13	-	-	2.01	96	-	-	
		Moel Cyned			5.7	-1.1	2.3	-	9.2	7	-8.1	2	-	-	187	-	74	12	15	11	6	-	0	0	0	-	18	21	-	0	-	-	-	-	
		Swansea			8.4	2.9	5.7	+0.4	11.7	7	-2.2	16	5.1	-	37	-	10	14	10	8	0	0	0	0	1	3	-	-	0	1.28	52	S	-		
	March	Lincoln																																	
		Luton																																	
		Mansfield											5.2																						

*Inches

Keele. In the exposure column of bright sunshine 'S' should be inserted onwards
(where missing) from:-

March	1965	July	1962
April	1962	August	1962
May	1962	September	1962
June	1960		

THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

JUNE

VOLUME 88

1971

NUMBER 6

Very cool; much heavy rain in the south of England

During the first 5 days of the month a ridge of high pressure dominated the weather over the British Isles. Thereafter the country was affected frequently by depressions or troughs of low pressure which were especially vigorous in the south.

Weather

After a generally dry first week the weather became changeable with much heavy rain at times in the southern half of the country. Although the rain relieved an increasing water shortage in south-west England, the heavy falls led to damage to hay crops, and local floods from swollen rivers disrupted road and rail traffic at times. Winds were often between north and east and this resulted in a very cool month; snow or sleet (rain or drizzle and snow) fell on the peaks in the Cairngorms on the 8th and also on high ground elsewhere in Scotland around mid-month.

Wind

Although winds were occasionally fresh or strong, gales seldom occurred and those that were reported were isolated and of short duration. A notable feature was the high frequency of north to east winds in all areas during the first half of the month.

Temperature

In general monthly mean temperature was 1.2 degC below average but deficits exceeded 2 degC in many areas, particularly in the Midlands. Ross-on-Wye (Herefordshire) recorded its lowest monthly mean temperature (12.9°C) since 1916, and a number of places had their coolest June since 1927, including Huddersfield (Oakes) and Bradford (both in the West Riding of Yorkshire). In most parts of the country, day-time temperatures were lower, on average, than those in May, and in one or two places, mainly in the northern half of Scotland, monthly mean temperature was also below the May value. In fact it is estimated that this was the coolest June generally since the notably cool months in 1927 and 1928. From the 5th to 22nd temperatures remained persistently below average, particularly during the day, and on the 9th at Watnall (Nottinghamshire), the temperature reached only 8.5°C which is the lowest on a June day here since 1953. Air frost at night was recorded in some upland areas around the 10th and 15th. Exceptions to the generally low temperatures occurred away from the North Sea coast on the first few days and 25.6°C was recorded at Littlehampton (Sussex) on the 3rd.

Rainfall

There was a marked difference in the amount and type of rainfall in the north and south of

the country. In Scotland most areas were drier than average with some places in the extreme north and near Glasgow recording only about half the average rainfall; Greenock (Renfrewshire) had its driest June since 1953. In common with most other regions, Scotland had a mainly dry first week and subsequent rainfall was predominantly showery in nature. Over the remainder of the United Kingdom rainfall was generally above average and exceptionally so in parts of southern England. More than 4 times the average rainfall occurred along the Sussex coast near Eastbourne and on the Isle of Wight where it was the wettest June in Ryde since at least 1870 (before this records are fragmentary) and at Cowes waterworks since records began in 1910. Over 3 times the average rainfall occurred over large areas of south-east England and near the Severn estuary; Beaminster (Dorset) had its greatest June rainfall since continuous records commenced in 1900 and Batheaston reservoir (Somerset) recorded its wettest June since 1935. The number of days with thunder reported was generally below average, especially in southern England where no severe thunderstorms were reported, and the heavy rainfalls resulted largely from persistent and heavy frontal rain. The 10th, with 53.4 mm of rain during the 24 hours commencing 09 GMT at Mayflower Park in Southampton, is estimated to have been the wettest June 'day' in the area since 1905. Rainfalls in excess of 50 mm which occurred widely in southern England during the same period included 81.5 mm at

Yarford (Somerset) and 78.8 mm at Mottistone (Isle of Wight). This rain belt spread north-westwards and on the 11th 60.7 mm were recorded at Parkmore Forest (Co. Antrim). Further frontal rain occurred on the 14th in the southern half of England and Wales; the heaviest falls were in south-east England where at East Hoathly (Sussex) 54.2 mm of rain fell in 5½ hours. On the 18th and 19th more heavy rain fell in many areas; this time the greatest rainfalls were in Wales and the West Country, for example 90 mm at Cwmystwyth (Cardiganshire) in the 24 hours beginning 09 GMT on the 18th. Scattered thunderstorms occurred in eastern England on the 28th and 29th.

Sunshine

A few places in the west and north of Scotland were sunnier than average but in most areas of the United Kingdom sunshine amounts were below average. It was the dullest June at Elmdon (Warwickshire) since continuous records began in 1950 and a number of other places in the Midlands, and also in the West Country, recorded their lowest June sunshine total for about 16 years.

Fog

At times during the first week sea fog affected many coasts bordering the North Sea. Parts of the Cornish coast had sea fog patches on the 29th.

Miscellaneous phenomena

Observers at Shoeburyness (Essex) saw 2 funnel clouds over the Thames estuary on the 28th.

Table 1 District Values

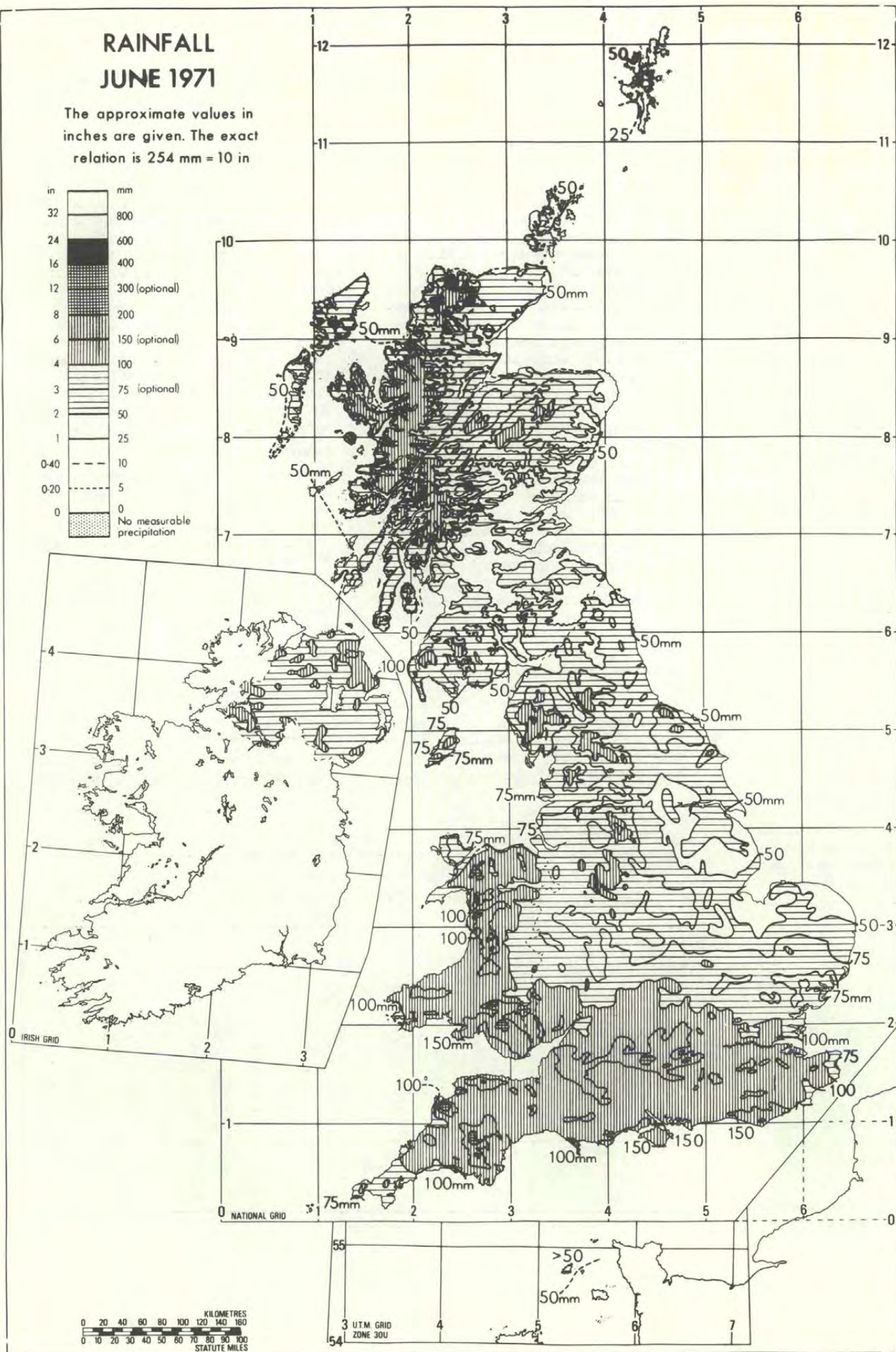
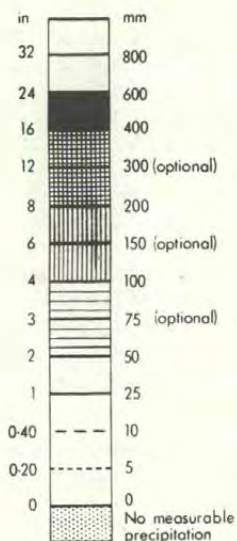
June 1971

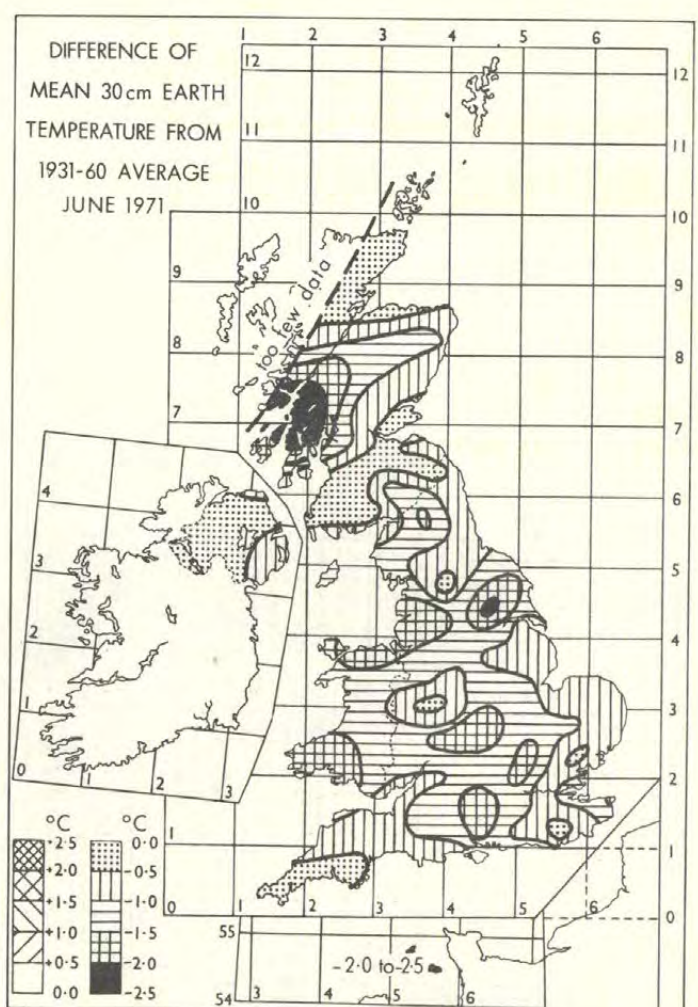
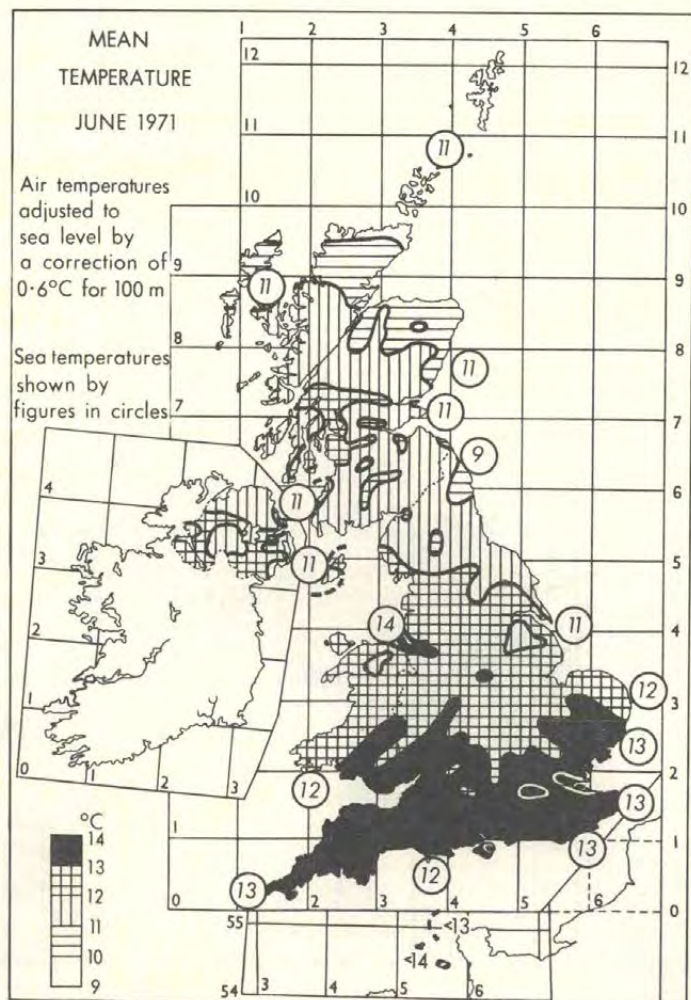
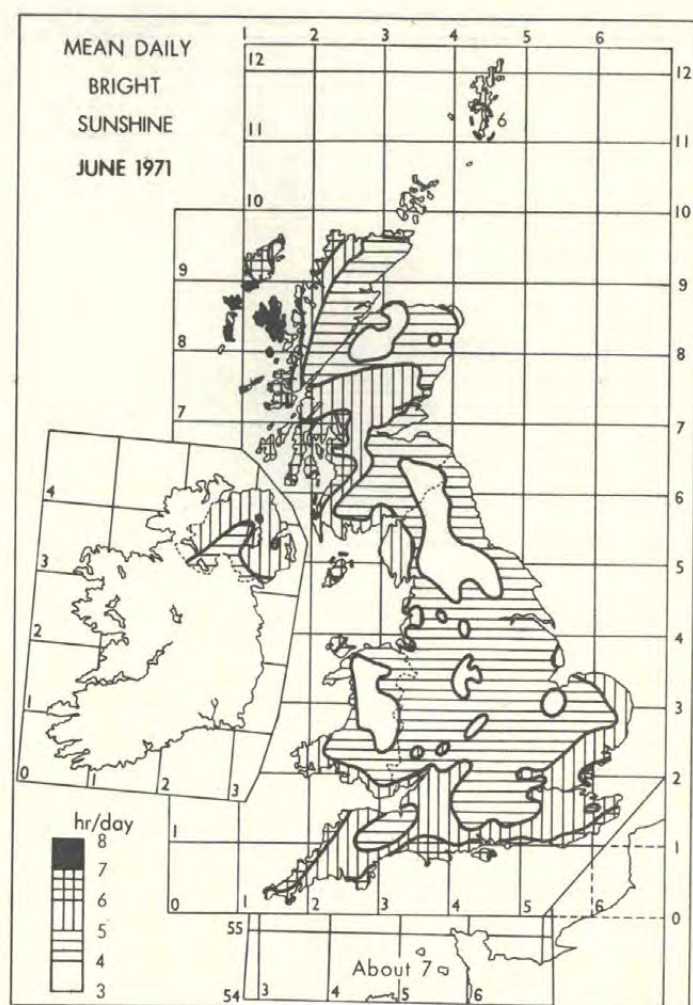
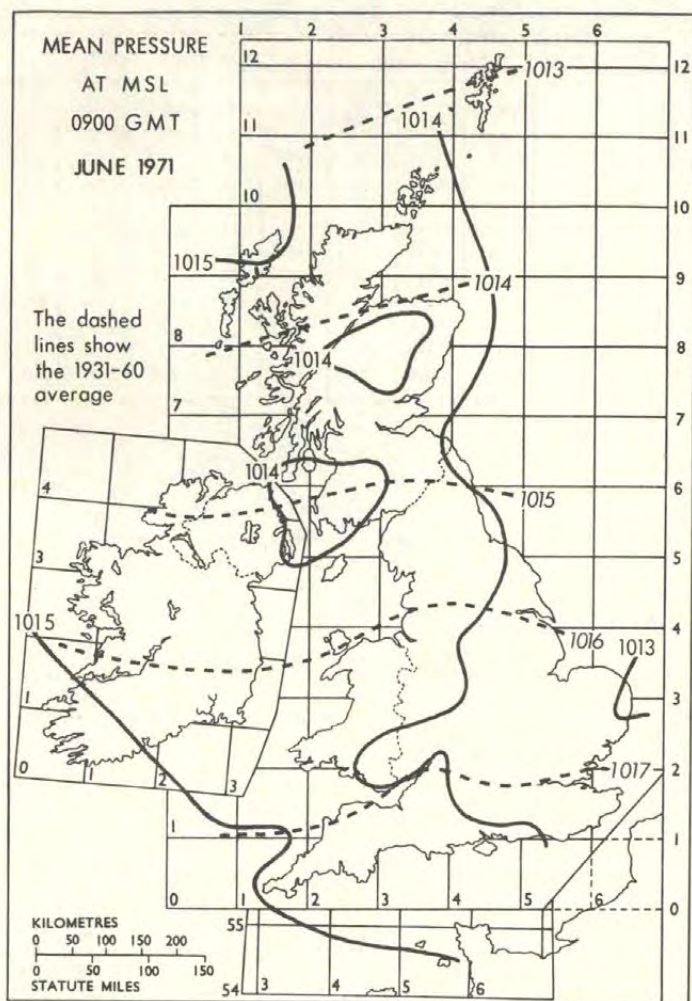
District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. *	Lowest Min. *	max.	min.	mean				
			difference from average						
0 Scotland N	23.9	1.2	-1.2	-1.4	-1.3	—	+3	92	98
1 Scotland E	21.5	2.9	-2.4	-1.1	-1.8	-0.9	+3	90	71
2 England N E	23.3	1.6	-3.0	-1.0	-2.0	-0.8	+3	128	73
3 England E	23.9	5.0	-2.7	-0.9	-1.8	-1.3	+3	182	69
4 Midlands	22.9	3.9	-3.3	-1.0	-2.2	-1.2	+4	185	70
5 England S E	23.7	3.2	-2.5	-0.8	-1.6	-1.2	+3	305	75
6 Scotland W	20.7	0.8	-1.8	-1.2	-1.5	-0.8	-1	72	98
7 Eng NW · Wales N	23.5	0.8	-2.3	-1.1	-1.7	-1.4	+2	130	73
8 Eng SW · Wales S	22.4	1.8	-2.1	-1.2	-1.7	-0.8	+4	229	74
N Ireland	20.6	3.3	-1.8	-1.4	-1.6	—	-2	132	89
Scotland	23.9	0.8	-1.8	-1.2	-1.5	—	+1	84	89
Eng · Wales	23.9	0.8	-2.7	-1.0	-1.8	—	+3	190	72

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

RAINFALL JUNE 1971

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





JUNE 1971

1. Formerly listed as Bracknell: the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell

JUNE 1971

² Lerwick. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

For meaning of symbols ¶ § § S used below see Notes in the Introduction.

JUNE 1971

³ All observations other than rainfall are being made at 274 metres

Table 3 Summary of daily observations

For meaning of symbols ∇ ∇ ∇ ∇ used below see Notes in the Introduction.

JUNE

1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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.	date	min.	date																						
																																	max. (a)
6a SCOTLAND W — continued																																	
Argyll — continued																																	
Campbeltown ...	99	12	15.4	8.8	12.1	-	19.4	2	5.0	18	-	-	73	-	16	11	17	15	-	0	-	-	-	0	0	-	-	-	-	6.16	-	-	
Achaglachgach ...	99	12	15.9	6.9	11.4	-	20.6	2	2.2	1	-	-	78	90	17	20	14	13	-	-	-	-	0	0	3	-	-	-	-	-	-	-	
Knapdale Forest ...	99	40	15.6	6.7	11.1	-	19.7	2	3.2	1	-	-	81	-	17	30	14	13	0	0	0	0	0	0	2	-	0	-	-	-	-		
Glenbranter ...	99	24	16.1	6.6	11.3	-	21.2	3	1.1	15	-	-	90	-	19	21	14	11	0	0	0	0	0	0	4	-	0	-	-	-	-		
Glen Etive ...	99	24	16.7	7.4	12.1	-	22.7	2	1.1	1	-	-	100	-	23	21	17	15	0	0	0	0	0	0	2	-	0	-	-	-	-		
Benmore Younger																																	
Botanic Gardens ...	99	12	16.2	7.3	11.7	-	21.1	6	2.2	17	-	-	86	67	18	21	17	12	0	0	0	0	0	0	1	-	0	-	-	-	-		
Bute																																	
Kildonan ...	21-9	18	14.5	8.8	11.7	-	20.2	2	5.7	17	-	-	67	-	10	11	19	15	0	0	0	0	0	0	0	0	0	2	5.95	-	-	-	
Brodick Castle ...	99	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rothsay ...	99	43	15.7	8.2	11.9	-1.1	20.6	6	4.5	15	11.3	10.3	75	85	16	20	17	14	0	0	0	0	0	0	0	0	0	6.82	109	-	-	-	
Dunbarton																																	
Finnart ...	99	15	16.1	8.2	12.1	-	21.6	2	5.5	1,17	-	-	81	-	18	21	16	14	0	0	0	0	0	0	-	0	-	0	-	-	-	-	
Helensburgh ...	99	89	-	-	-	-	-	-	-	-	-	-	64	74	11	21	14	13	0	0	0	0	0	-	-	-	0	5.89	102	-	-	-	
Sloy ...	21-9	12	13.0	7.7	11.9	-	21.2	6	2.4	(7) 17	-	-	38	-	24	21	13	12	0	0	0	0	0	0	0	0	0	-	-	-	-	-	
Cumbernauld ...	99	94	15.9	6.8	11.3	-	20.0	2	2.7	17	-	-	46	-	9	26	18	9	0	0	1	0	1	0	0	0	0	-	-	-	-	-	
Stirling																																	
Earls Hill ...	21-9	335	13.1	5.4	9.3	-	17.3	2	1.5	13	-	-	53	-	11	21	18	12	0	-	0	0	0	1	0	2	0	0	5.30	-	-	S	
Stirling Batterflats ...	99	38	16.3	7.0	11.7	-	20.4	2	1.8	17	13.9	12.5	90	-	7	19	15	8	0	0	0	0	1	0	0	0	2	-	0	5.04	-	-	-
Parkhead ...	99	107	16.1	7.3	11.7	-	20.0	2	3.8	9	14.1	-	32	-	7	19	16	9	0	0	0	0	0	0	0	0	0	-	0	-	-	-	
Falkirk Sewage Works	99	3	15.9	7.8	11.9	-	19.0	2	3.4	17	-	-	19	-	(8) 19	10	6	0	0	0	0	0	0	0	0	-	0	-	0	4.72	-	-	-
Grangemouth ...	99	4	-	-	-	-	-	-	-	-	-	-	25	-	9	19	9	9	0	0	0	0	0	0	-	-	0	-	-	-	-	-	
Grangemouth Refinery	99	2	15.7	8.3	12.0	-	19.6	1	5.5	17	-	-	25	-	10	19	11	7	-	-	-	-	-	0	-	-	-	-	-	-	-	-	
Renfrew																																	
Greenock ...	99	61	15.6	8.5	12.1	-1.6	19.1	6	5.3	17	-	-	49	58	11	25	13	11	0	0	0	0	0	0	0	0	0	0	6.96	110	-	-	-
Paisley ...	99	32	16.1	8.7	12.4	-1.7	20.6	6	5.6	17	13.4	11.4	31	48	8	21	12	9	0	0	0	0	0	0	0	0	0	0	5.47	92	-	-	-
Barrhead ...	99	30	15.8	7.9	11.9	-	19.9	2	3.5	10	-	-	35	51	9	21	13	9	0	0	1	0	0	0	0	0	0	0	-	-	-	-	-
Abbotsinch ...	21-9	5	16.3	7.5	11.9	-1.7	20.2	2	2.5	1	-	-	31	51	7	20	13	9	0	0	0	0	0	0	0	8	0	0	5.98	98	-	-	-
Lanark																																	
Crossmyloof ...	99	23	16.4	8.2	12.3	-	19.6	2	2.8	17	-	-	30	-	8	21	12	7	0	0	0	0	0	0	0	0	-	0	5.22	-	-	-	
East Kilbride ...	99	178	14.3	7.1	10.7	-	18.2	2	3.9	17	-	-	41	-	7	19	14	9	-	0	-	-	-	0	6	-	-	0	5.66	-	-	-	
Glasgow, Springburn	99	107	16.1	7.7	11.9	-1.6	(19.9)	2	4.4	9	-	-	37	56	8	21	13	10	0	0	0	0	0	0	1	-	0	5.82	100	-	-	-	
Coatbridge ...	99	78	15.7	7.3	11.5	-1.6	20.0	2	3.3	9	-	-	36	63	9	21	13	9	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
Salsburgh ...	21-9	275	13.6	6.2	9.9	-	18.5	2	3.0	9	-	-	-	-	-	-	-	-	0	0	0	0	0	1	0	2	-	0	-	-	-	-	
Leadhills ...	99	387	14.4	5.1	9.8	-1.6	20.6	1,2	0.1	9	-	-	67	69	11	21	16	11	0	0	0	0	0	0	0	8	-	0	-	-	-	-	
Crawfordjohn ...	99	274	13.9	5.5	9.7	-	19.5	2	-1.3	9	11.4	-	47	-	9	27	15	10	0	0	0	0	0	0	1	5	1	0	4.72	-	-	-	
Lanark ...	99	152	15.3	7.1	11.2	-	21.1	2	1.7	9	-	-	-	-	-	-	-	0	0	1	0	0	0	0	0	0	0	0	4.46	-	-	-	
Carnwath ...	99	208	14.9	4.7	9.8	-2.1	19.8	2	-1.8	1	12.1	-	50	92	10	19	16	12	0	0	0	0	0	0	2	10	-	0	-	-	-	-	
Camps Reservoir ...	99	295	13.4	5.7	9.5	-	18.5	2	-0.3	9	-	-	50	65	8	19	16	11	0	0	0	0	1	0	1	-	-	1	4.94	-	-	S	
Ayr																																	
Girvan ...	99	8	15.7	8.7	12.2	-	20.6	3	6.1	6,10	-	-	51	-	10	19	17	10	0	0	0	0	0	0	0	0	0	0	6.34	-	-	-	
Hunterston ...	99	8	15.9	8.9	12.4	-	20.6	2	6.6	1	-	-	51	-	12	20	14	10	0	0	0	0	0	0	0	0	0	0	1	-	-	-	
Barr ...	99	122	15.6	6.4	11.0	-	22.2	3	1.1	15	-	-	74	-	9	21	16	15	-	0	-	-	0	0	0	0	0	0	-	-	-	-	
Auchincruive ...	99	45	15.6	7.4	11.5	-1.7	20.4	2	2.8	9	12.8	11.2	50	75	7	21	14	12	0	0	0	0	1	0	0	4	-	0	6.12	102	-	-	
Prestwick ...	21-9	16	15.7	7.3	11.5	-	21.0	2	2.1	9	-	-	42	68	7	20	13	11	0	0	0	0	0	0	0	4	1	0	6.46	-	-	-	
Kilmarnock ...	99	34	16.4	7.4	11.9	-1.7	21.1	6	1.7	17	14.3	11.8	40	58	9	20	14	9	0	0	0	0	0	0	0	4	-	0	(5.67)	(91)	S	-	
Dumfries																																	
Dumfries ...	99	49	15.2	8.1	11.7	-1.8	20.7	2	3.2	9	13.3	12.0	48	72	13	19	13	10	0	-	0	0	0	0	0	4	-	0	5.05	83	-	-	
Eskdalemuir ⁴	21-9	242	(13.7)	(6.1)	(9.9)	-	19.6	2	0.2	9	11.4	10.0	77	76	19	25	15	9	0	0	1	0	1	0	0	2	0	0	4.11	73	-	-	
			13.8	6.2	10.0	-1.9	19.6	2	0.8	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Kirkcudbright																																	
Bargrennan ...	99	110	15.6	5.9	10.7	-	20.7	3	1.1	15	-	-	79	95	11	19	17	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Palnure ...	99	15	15.1	7.3	11.2	-	18.9	4	1.2	15	-	-	69	93	13	18	16	15	0	0	0	0	0	0	0	2	-	0	-	-	-	-	
Clatteringshaws ...	99	178	14.5	6.4	10.5	-	20.1	2	3.1	9	-	-	80	75	14	21	14	13	0	0	0	0	0	0	0	0	0	0	4.02	-	-	-	
Glenlee ...	99	55	16.2	6.4	11.3	-2.0	21.8	2	2.2	1	-	-	56	68	12	19	13	11	-	0	-	-	0	0	9	-	-	-	-	-	-	-	
Dundeugh ...	99	119	15.4	5.8	10.6	-	21.2	2	0.7	1	10.3	-	59	70	13	19	16	11	0	0	0	0	0	0	0	0	0	-	0	-	-	-	
St Marys Isle ...	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Girdstingwood ...																																	
Glenlochar Barrage ...	99	47	15.9	7.5	11.7	-	21.4	2	3.6	9	-	-	52	74	13	19	14	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Threave ...	99	73	15.6	7.1	11.3	-	21.8	2	2.7	9	13.7	-	50	66	12	19	14	11	0	0	0	0	0	0	0	3	-	0	-	-	-	-	
Castle Douglas ...	99	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Wigtown																																	
West Freugh ...	99	15	-	-	-	-	-	-	-	-	-	-	77	129	13	18	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Penwhirn ...	99	166	14.5	6.2	10.3	-	21.1	4	2.8	5,9	-	-	108	115	16	18,20	20	17	0														

Table 3 Summary of daily observations

For meaning of symbols 1 5 & S used below see Notes in the Introduction.

JUNE 1971

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 1915-50 average	most in a day		precip'n		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 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more														
2 ENGLAND NE — continued																																
Yorkshire N Riding																																
Leeming ...	21-9	32	15.4	8.3	11.8	-	21.3	24	2.0	10	-	-	51	108	12	18	17	10	0	0	0	0	0	0	0	0	3	0	0	3.95	-	-
Marton ...	99	46	14.9	8.1	11.5	-	21.7	1	3.2	10	12.6	11.6	97	-	25	29	19	12	0	0	1	0	8	-	0	1	-	0	4.02	-	-	
York (Heslington) ...	99	20	15.9	8.5	12.2	-	21.5	24	4.1	15	13.9	13.0	51	-	10	18	15	11	0	0	0	0	0	0	0	0	0	0	4.64	-	-	
Redcar ...																																
Pickering ...	99	4	15.7	7.4	11.5	-	21.6	24	2.5	15	-	-	58	-	14	19	15	9	0	0	2	0	0	0	5	-	0	-	-	-	-	
Scarborough ...	99	53	14.1	8.6	11.3	-	21.1	24	5.6	5	12.9	11.6	70	-	12	19	18	11	0	0	0	1	1	2	0	0	0	0	4.07	63	-	
Silpho Moor ...	99	203	13.6	7.2	10.4	-	20.1	24	4.1	17	11.3	-	89	-	18	10	20	13	0	0	3	0	1	6	0	1	-	0	4.29	-	-	
Whitby Coastguard ...	21-9	60	13.3	8.3	10.8	-	21.1	24	4.6	1	-	-	38	-	6	18	16	10	0	0	0	0	2	2	0	0	0	0	2	-	-	-
Yorkshire E Riding																																
High Mowthorpe ...	99	175	(13.7)	(7.1)	(10.4)	-	18.7	1	2.5	17	(11.8)	-	63	126	12	18	15	11	-	0	-	-	-	2	0	1	-	-	4.27	-	-	
Hull ...	99	2	15.9	9.0	12.5	-2.2	23.3	24	5.0	17	13.9	12.1	60	137	11	10	16	12	0	0	0	0	0	0	0	-	0	4.61	74	-		
Filey ...	99	37	13.6	8.3	10.9	-	21.1	24	4.5	17	-	-	87	148	12	10	16	11	0	0	0	0	1	2	0	0	0	4.07	-	-	-	
Bridlington ...	99	48	14.0	8.1	11.1	-1.8	21.7	24	3.9	17	-	-	64	146	13	19	18	12	0	0	0	1	3	3	0	0	0	4.85	72	-		
Kilnsea ...	21-9	12	14.1	9.3	11.7	-	22.0	24	4.7	17	-	-	44	-	11	19	10	9	0	0	1	0	2	1	0	-	1	4.66	-	-	-	
Lincoln																																
Waddington ...	21-9	68	15.3	8.4	11.9	-2.4	22.1	24	3.6	15	-	-	46	-	11	19	16	9	0	0	1	0	1	1	0	0	0	4.63	68	-	-	
Lincoln ...	99	7	15.8	7.8	11.8	-2.1	22.8	24	2.8	15	13.7	12.1	45	105	12	19	16	10	0	0	0	0	0	0	0	-	0	4.65	-	-	-	
Cranwell ...	99	62	15.7	8.2	11.9	-2.4	22.3	24	3.3	15	14.1	13.3	65	164	14	18	17	2	0	0	0	0	1	1	0	0	0	4.54	69	-	-	
Brigg ...	99	3	16.1	7.8	11.9	-	22.3	24	2.4	15	-	-	52	-	10	18	18	10	0	0	0	0	1	0	0	5	-	-	-	-	-	
Binbrook ...	21-9	108	14.4	8.2	11.3	-	21.0	24	4.0	15	-	-	60	-	12	19	19	12	0	0	0	0	2	2	0	0	0	-	-	-	-	
Cleethorpes ...	99	7	15.9	9.7	12.8	-1.4	24.9	24	6.8	17	-	-	36	88	9	19	9	9	-	-	-	-	0	0	0	-	-	3.63	54	-	-	
Manby ...	21-9	17	15.5	8.3	11.9	-	22.5	24	4.4	12	14.3	-	44	109	10	19	18	10	0	0	1	0	1	1	0	0	0	4.73	-	-	-	
Skegness ...	99	5	15.9	9.4	12.7	-2.3	23.3	24	5.6	18	-	-	38	100	14	19	10	8	0	0	0	0	0	0	0	0	0	5.27	78	-	-	
3 ENGLAND E																																
Norfolk																																
Terrington St.																																
Clement ...	99	4	16.6	8.7	12.7	-1.9	23.4	24	5.0	29	13.7	-	39	103	13	18	14	9	0	0	0	0	2	0	0	0	-	0	3.79	58	-	-
Marham ...	21-9	23	16.9	8.9	12.9	-	23.7	24	4.4	29	-	-	40	-	14	18	14	6	0	0	0	0	3	0	0	0	0	0	-	-	-	-
Santon Downham ...	99	24	17.2	8.0	12.6	-	23.2	24	2.2	12	13.7	12.2	67	145	17	18	16	10	-	-	-	-	-	-	0	8	-	3.77	-	-	-	-
West Raynham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
East Dereham ...	99	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Morley St Botolph ...	99	48	16.7	8.1	12.4	-	21.2	24	3.8	12	14.4	-	51	-	11	18	13	10	0	0	1	0	0	-	0	0	-	4.90	-	-	-	-
Cromer ...	99	54	15.3	-	-	-	21.7	24,25	-	-	-	-	51	124	17	29	13	8	0	0	0	0	0	1	-	-	-	0	4.25	63	-	-
Coltishall ...	21-9	17	16.3	8.9	12.6	-	22.4	24	5.0	7	-	-	41	-	11	18	16	9	0	0	0	0	3	0	0	0	0	0	-	-	-	-
Burlingham ...	99	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gorleston ...	21-9	4	15.1	9.9	12.5	-1.6	20.5	25	6.0	18	14.7	13.0	43	103	10	19	16	10	0	0	0	3	2	0	0	0	0	0	5.76	80	-	-
Suffolk																																
Brooms Barn ...	99	75	16.5	8.8	12.7	-	22.2	24	6.7	23	14.5	13.2	87	-	30	10	15	9	0	0	0	0	4	0	0	0	0	0	4.47	-	-	-
Honington ...	99	51	16.9	9.0	12.9	-	21.6	24	6.0	18	-	-	95	-	30	10	14	9	0	0	1	0	3	0	0	0	0	0	-	-	-	-
East Bergholt ...	99	4	17.7	8.6	13.1	-	22.8	3	4.2	29	-	-	78	200	16	18	12	8	-	-	-	-	-	0	0	1	-	-	-	-	-	
Wattisham ...	21-9	89	16.5	8.5	12.5	-	21.3	24	4.1	29	-	-	76	189	20	10	14	7	0	0	0	0	2	0	0	0	0	0	5.42	-	-	-
Lowestoft ...	99	25	15.9	9.5	12.7	-1.5	20.2	25	5.6	18	14.7	13.1	62	152	21	10	13	8	0	0	1	0	2	0	0	0	0	0	5.76	80	-	-
Cambridge																																
Boxworth ...	99	44	16.6	8.6	12.6	-	22.6	24	5.4	18	-	-	94	247	41	10	12	10	0	0	0	0	3	0	0	0	-	0	4.63	-	-	-
Mepal ...	99	1	17.0	8.4	12.7	-	22.8	24	4.3	29	14.3	-	58	-	16	18	11	8	0	0	0	0	0	0	0	0	-	0	3.91	-	-	-
March ...	99	2	17.0	8.9	12.9	-	23.6	24	5.2	12	-	-	59	134	17	2	17	9	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cambridge																																
Botanic Gardens ...	99	12	17.2	8.9	13.1	-2.0	23.9	24	5.6	18,29	14.6	13.2	83	224	27	10	12	8	0	-	0	0	0	0	0	0	0	-	-	-	-	-
N I A B ...	99	26	16.9	9.1	13.0	-1.9	23.1	24	6.4	23	-	-	96	254	33	10	14	10	0	0	0	0	2	0	0	0	-	0	4.37	65	-	-
Huntingdon																																
Monks Wood ...	99	31	16.2	8.2	12.2	-	22.1	24	4.8	15	13.0	12.1	64	-	16	18	15	10	-	0	-	-	-	1	0	0	-	4.63	-	-	-	
Wyton ...	21-9	39	16.5	8.9	12.7	-	23.0	24	5.2	15	-	-	82	199	34	10	14	8	0	0	0	1	2	0	0	0	0	0	-	-	-	-
Bedford																																
Woburn ...	99	89	15.9	8.3	12.1	-2.3	21.3	24	4.8	2	13.6	11.5	84	196	25	10	13	9	0	0	0	0	0	0	0	0	0	0	4.13	63	-	-
Silsoe ...	99	61	16.3	8.3	12.3	-	21.8	24	4.0	2	14.1	12.8	67	167	18	18	10	8	0	0	1	0	0	0	0	0	0	0	4.71	-	-	-
Cardington ...	21-9	28	16.5	8.1	12.3	-2.3	22.3	24	3.7	2	13.7	12.5	80	223	20	10	13	9	0	0	0	0	2	0	0	1	0	0	4.55	-	-	-
Luton ...	99	159	16.2	8.3	12.3	-	23.7	24	5.0	23	14.6	12.9	135	-	40	10	10	10	-	0	-	-	-	0	0	1	-	-	4.15	-	-	-
Hertford																																
Aldenhall School ...	99	91	-	-	-	-	-	-	-	-	14.9	-	116	-	31	10	14	11	0	0	0	0	1	0	0	-	0	-	-	-	-	
Garston ...	99	78	16.8	8.9	12.9	-	22.8	24	6.3	29	-	-	105	234	29	18	12	10	-	0	-	-	-	0	0	0	-	5.23	-	-	-	
Rothamsted ...	99	128	16.0	8.5	12.3	-2.0	21.6	24	5.5	29	13.1	11.3	103	241	30	18	14	8	0	0	0	0	1	1	0	0	0	4.37	65	-	-	
St Albans ...	99	83	16.6	8.8	12.6	-2.0	22.7	24	4.6	29	13.9	-	112	280	33	10	12	11	0	0	0	0	0	0	0	1	-	5.15	-	-	-	
Letchworth ...	99	64	17.4	8.6	13.0	-	23.2	24	1.8	1	-	-	78	205	18	18	13	8	-	-	-	-	-	-	-	-	-	-	-	-	-	
Stanstead Abbots ...	99	30	-	-	-	-	23.4	24	3.9	1	14.9	14.3	80	-	21	10	12	10	-	-	-	-	0	(0)	(0)	-	-	-	-	-	-	-
Hoddesdon ...	99	47	17.6	8.8	13.2	-	24.5	3	5.8																							

Table 3 Summary of daily observations

For meaning of symbols ¶ § S used below see Notes in the Introduction.

JUNE 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	precip'n		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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Huddersfield	¶	99	99	15.4	8.5	11.9	-	21.6	24	4.4	15	12.8	11.7	72	154	18	12	14	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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 3 Summary of daily observations

For meaning of symbols § 5 & 5 used below see Notes in the Introduction.

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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 1931-60 average	most in a day amount (mm)	date	precip'n										daily mean (hours)	percentage of 1931-60 average																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
			max. (a)	min. (b)			max.	date	min.	date							0.2mm or more	1.0mm or more	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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
5 ENGLAND SE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

For meaning of symbols ¶ § ♂ used below see Note in the Introduction.

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-60 average	most in a day		precip'n				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 1916-60 average	exposure											
			max. (a)	min. (b)	daily mean (mean of a + b)	difference from 1931-60 average	max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more	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 1916-60 average	exposure
5 ENGLAND SE — continued																																												
Wiltshire																																												
Lacock ...	99	49	16.8	8.6	12.7	-	21.4	23	2.8	1	-	-	-	138	282	54	10	14	13	-	0	-	-	-	0	0	0	0	-	-	-	-	-	-										
Lyneham ...	21-9	145	16.0	8.9	12.5	-1.9	20.9	2	4.9	15	-	-	-	145	308	56	10	14	12	0	0	0	0	0	0	0	0	1	0	0	5.01	-	-											
Larkhill ...	99	132	16.6	8.4	12.5	-1.8	21.8	1	3.9	13	-	-	-	139	330	59	10	14	11	0	0	0	0	0	0	0	0	0	0	0	0	5.04	-	-										
Boscombe Down ...	21-9	126	16.7	8.8	12.7	-1.8	22.1	2	5.2	1	-	-	-	132	321	60	10	13	11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-										
Upavon ...	21-9	176	16.2	8.5	12.3	-	21.5	2	4.0	13	-	-	-	124	283	51	10	17	12	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-										
Porton ... ¶ §	99	111	16.6	8.0	12.3	-2.0	21.2	2	3.2	13	13.6	-	-	129	299	55	10	14	12	-	0	-	-	-	0	0	0	2	0	-	4.88	67	-	-										
7a ENGLAND NW																																												
Cumberland																																												
Sellafield ...	99	13	15.7	8.4	12.1	-	21.6	2	3.5	10	-	-	-	70	104	15	18	16	13	-	0	-	-	-	2	0	2	-	-	-	5.72	-	-	-										
Bromfield ...	99	20	15.9	7.2	11.5	-	22.1	2	0.0	9	-	-	-	65	-	14	19	17	13	0	0	0	0	0	0	0	0	4	-	0	-	-	-											
Carlisle ...	21-9	26	15.8	7.9	11.9	-	21.6	2	1.9	9	-	-	-	49	-	13	19	13	10	0	0	0	0	0	0	0	0	3	0	0	4.87	-	-	-										
Newton Rigg ¶ §	99	171	14.9	6.9	10.9	-2.3	20.0	2	0.8	10	12.8	-	-	53	96	9	19	16	14	-	0	-	-	-	0	0	0	1	-	-	4.97	82	-	-										
Westmorland																																												
Great Dun Fell ...	21-9	847	8.2	3.1	5.7	-	14.6	2	-0.9	9	-	-	-	-	-	-	-	-	-	-	0	-	-	-	18	2	-	-	-	-	3.20	-	-	-										
Moor House ... ¶	99	556	10.8	4.1	7.5	-	16.3	2	-2.8	10	8.9	-	-	129	107	18	21	20	16	-	0	-	-	-	6	2	8	-	-	-	3.80	-	-	-										
Lancashire																																												
Squires Gate ...	21-9	10	15.8	9.0	12.4	-1.5	22.6	2	3.4	1	-	-	-	73	130	17	18	16	11	0	0	0	1	0	0	0	0	0	1	0	0	4.98	69	-	-									
Aigburth ...	99	14	15.9	9.6	12.7	-	22.1	2	5.8	15	-	-	-	83	-	25	18	21	15	0	0	1	0	0	0	0	0	0	0	0	5.23	-	-	-										
Southport ...	99	5	15.6	8.7	12.1	-	21.7	2	3.3	15	13.9	11.2	-	68	123	19	18	17	10	-	0	-	-	-	0	0	0	0	1	-	5.56	-	-	-										
Cartmel ...	99	34	15.5	7.6	11.5	-	21.2	2	2.2	16	-	-	-	99	-	17	18	15	13	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-										
Grizedale ...	99	91	15.6	(6.5)	(11.1)	-	21.4	2	0.5	10	12.9	-	-	107	-	23	18	17	13	0	0	0	0	0	0	0	0	10	-	1	-	-	-											
Speke ...	21-9	22	16.2	9.3	12.7	-1.7	23.2	2	4.8	15	-	-	-	80	153	24	18	18	12	0	0	0	0	1	0	0	0	0	0	0	4.93	-	-	-										
Kirkham ...	99	24	(15.7)	(8.2)	(11.9)	-	21.1	2	1.5	15	-	-	-	78	122	17	18	19	11	0	0	0	0	(0)	0	2	-	0	2	-	5.08	-	-	-										
Bailrigg ...	99	53	15.6	8.4	12.0	-	21.2	2	3.6	18	-	-	-	56	-	14	18	14	12	-	0	0	0	0	0	0	0	0	0	0	4.84	-	-	-										
Morecambe ...	99	7	16.0	9.9	12.9	-1.5	22.5	2	5.6	10	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	4.81	69	-	-											
Preston ...	99	33	15.6	8.7	12.1	-	20.8	2	2.8	15	-	-	-	65	96	17	18	16	11	0	0	0	0	0	0	0	0	1	0	-	-	-	-											
Bolton ...	99	107	15.2	-	-	-	20.6	2	3.1	15	12.2	11.2	-	84	-	20	18	16	13	-	0	-	-	-	0	0	0	0	0	0	4.78	-	-	-										
Stonyhurst ¶ §	99	115	(15.4)	8.1	(11.7)	(-2.1)	21.1	2	2.5	15	-	-	-	61	79	17	18	16	11	-	0	-	-	-	0	0	0	0	0	0	4.22	67	-	-										
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
Helmshore ...	99	261	13.8	7.7	10.7	-	18.4	2	2.8	15	11.6	-	-	86	91	24	18	20	13	-	0	-	-	-	0	0	1	-	-	4.25	-	-	S											
Burnley ...	99	200	14.1	7.8	10.9	-	18.4	2	2.8	15	11.4	10.4	-	46	-	9	19	15	12	0	0	0	0	0	0	0	0	2	-	3.56	-	-	S											
Nelson ... ¶	99	165	(14.6)	7.7	(11.1)	-	19.4	2	2.7	15	12.7	10.9	-	62	88	15	18	15	13	-	0	-	-	-	0	0	0	1	-	-	4.91	-	-	S										
Rochdale ...	99	110	15.3	8.1	11.7	-	19.9	2	2.8	17	-	-	-	81	112	20	18	19	15	0	0	0	0	0	0	0	0	1	0	-	-	-	-	-										
Cheshire																																												
West Kirby Park ...	99	8	16.6	9.7	13.1	-	22.8	2	3.5	15	-	-	-	85	-	28	18	18	10	-	0	-	-	-	0	0	-	-	-	5.04	-	-	-											
Bidston ... ¶ §	99	60	15.7	9.8	12.7	-1.4	21.9	2	7.3	9	-	-	-	80	161	26	18	17	10	0	-	0	0	1	0	0	0	0	0	0	5.06	75	-	-										
Ness Gardens ...	99	55	16.2	9.0	12.6	-	22.6	2	4.1	15	-	-	-	89	-	28	18	22	11	0	0	0	0	0	0	0	0	1	0	0	4.50	-	-	-										
Winnington ...	99	20	16.7	9.4	13.1	-	22.6	2	4.5	15	-	-	-	74	136	21	18	15	12	0	0	0	0	0	0	0	1	0	0	-	-	-	-											
Knutsford ...	99	65	16.6	8.5	12.5	-	22.3	2	2.4	15	13.9	12.5	-	91	145	25	18	19	16	-	0	-	-	-	0	0	2	-	-	-	-	-	-											
Ringway ... ¶ §	21-9	75	15.6	9.2	12.4	-1.9	22.3	2	3.8	15	-	-	-	74	126	20	18	19	13	0	0	1	0	0	0	0	0	0	0	0	4.23	71	-	-										
Macclesfield ...	99	152	(15.7)	8.6	(12.1)	(-2.1)	21.1	1	2.8	15	-	-	-	86	125	27	18	20	13	0	0	0	0	0	0	0	0	-	1	-	-	-	-	-										
7b NORTH WALES																																												
Flint																																												
Rhyl ...	99	9	15.4	9.5	12.5	-1.7	22.2	2	4.4	15	-	-	-	100	239	29	18	16	12	0	0	0	0	1	0	0	0	-	0	5.00	71	-	-											
Prestatyn ...	99	4	15.7	9.9	12.8	-	22.7	2	6.1	15	-	-	-	95	194	30	18	17	10	0	0	0	0	0	0	0	0	-	0	4.72	72	-	-											
Hawarden Bridge ...	99	5	(16.7)	9.4	(13.1)	(-1.5)	23.1	2	3.8	1	-	-	-	85	184	23	18	20	13	0	0	0	0	0	0	0	0	-	0	-	-	-	-	-										
Anglesey																																												
Valley ... ¶ §	21-9	10	15.4	9.8	12.6	-0.9	23.5	2	5.6	1	-	-	-	68	133	23	18	15	10	0	0	0	0	1	0	0	0	0	0	5.11	69	-	-	-										
Denbigh																																												
Colwyn Bay ...	99	-	15.3	9.8	12.5	-	22.0	2	5.8	15	-	-	-	80	-	21	18	16	10	0	0	0	0	0	0	0	0	-	0	4.27	61	-	-	-										
Alwen ...	99	335	13.5	5.5	9.5	-	20.0	2	-1.7	15	-	-	-	99	-	23	18	15	15	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-										
Ruthin ...	99	76	15.7	7.6	11.7	-	21.2	4	2.9	1	-	-	-	98	-	20	18	21	16	-	-	-	-	-	1	0	-	-	-	4.23	-	-	-	-										
Loggerheads ¶	99	210	14.7	6.8	10.7	-	20.6	2	0.4	15	12.																																	

¹⁰Sunshine figures are for Cross Island.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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 1013.0 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	speed (kt)																	
																									34 or more	22-33	11-21									1-10	0					
number of observations																																										
0 SCOTLAND N																																										
Lerwick [Zetland] 11																																										
83	3	1013.4	-	7.1	1.8	9.3	79	6.0	0	5	5	6	12	2	0	1	0	1	0	1	5	8	13	0	0	9	18	3	10	5	1	1	1	0	7	2						
	9	1013.5	+0.3	9.3	2.0	9.4	77	6.6	0	1	3	18	7	1	0	1	0	0	3	2	7	17	0	0	20	10	0	8	5	3	0	4	2	5	3							
	15	1013.7	-	9.9	1.0	9.3	86	6.3	0	1	7	14	8	0	0	0	0	0	5	2	7	16	0	1	21	8	0	5	5	1	3	3	1	5	7							
	21	1013.8	-	7.9	1.0	9.3	86	6.4	0	1	7	14	5	3	1	0	2	0	0	2	8	13	0	0	12	18	0	11	2	2	2	1	7	3								
Kirkwall [Orkney]																																										
26	3	1014.1	-	7.9	0.7	9.7	90	6.5	0	1	6	14	8	1	0	0	1	0	0	2	4	10	13	0	0	13	13	4	8	5	1	2	0	3	5	2						
	9	1014.4	+1.0	10.2	1.6	10.1	81	6.7	0	0	7	14	9	0	0	0	0	0	0	3	9	17	0	1	19	10	0	9	3	2	3	1	3	5	4							
	15	1014.5	-	11.3	2.0	10.3	76	6.4	0	0	7	16	7	0	0	0	0	0	1	3	9	17	0	0	20	10	0	8	5	2	3	2	1	3	6							
	21	1014.5	-	8.8	1.0	9.9	86	6.1	0	3	4	15	8	0	0	0	0	0	0	1	5	6	18	0	0	14	15	1	7	6	2	4	0	0	7	3						
Wick [Caithness]																																										
37	3	1014.0	-	7.7	0.7	9.6	91	6.9	0	2	1	12	14	1	0	0	0	1	2	0	6	9	10	0	0	6	23	1	7	5	2	3	1	3	5	3						
	9	1014.3	+0.6	10.2	1.5	10.1	81	6.8	0	0	4	19	7	0	0	0	0	0	1	4	12	13	0	0	14	16	0	6	6	1	3	3	0	3	8							
	15	1014.4	-	11.1	1.8	10.3	78	6.7	0	0	4	19	7	0	0	0	0	0	4	4	10	16	0	1	18	11	0	7	6	2	3	2	1	2	7							
	21	1014.4	-	8.8	0.8	10.2	89	5.8	0	2	10	11	7	0	0	0	0	0	3	5	10	12	0	0	5	23	2	9	3	3	2	1	2	4	4							
Cape Wrath* [Sutherland]																																										
113	3	1014.3	-	8.4	1.1	9.4	84	6.9	0	1	3	11	13	2	0	0	2	0	1	1	0	3	23	0	0	7	20	3	4	8	6	1	0	4	0	4						
	9	1014.8	-	9.2	1.2	9.8	83	6.1	0	0	7	15	8	0	0	0	0	0	0	1	3	26	0	0	3	26	1	4	5	8	1	1	4	2	4							
	15	1015.0	-	9.8	1.6	9.7	80	6.0	0	3	7	9	11	0	0	0	0	0	1	0	3	26	0	0	4	24	2	3	6	7	0	1	3	5	3							
	21	1014.8	-	8.8	1.1	9.7	85	6.2	0	0	9	12	9	0	0	0	0	1	0	0	1	3	25	0	0	4	20	6	4	5	6	0	0	4	1	4						
Stornoway [Ross & Cromarty]																																										
5	3	1014.8	-	8.3	0.5	10.3	93	6.0	0	5	4	12	9	0	0	0	0	1	0	10	10	8	0	1	9	16	4	9	6	3	0	2	3	0	3							
	9	1015.0	+1.4	10.5	1.2	10.8	85	6.2	0	2	5	17	6	0	0	0	1	0	1	6	10	12	0	2	19	9	0	5	10	4	3	3	1	1	3							
	15	1015.1	-	11.5	1.8	10.6	78	5.6	0	4	6	16	4	0	0	0	0	0	0	3	8	19	0	2	20	8	0	2	17	0	3	3	1	2	2							
	21	1015.0	-	9.6	0.9	10.6	88	4.9	0	8	8	8	6	0	0	0	0	0	1	5	9	15	0	1	12	16	1	5	11	2	1	2	1	4	3							
Benbecula [Inverness-shire]																																										
7	3	1014.3	-	8.7	0.7	10.2	90	5.5	0	4	8	15	3	0	0	0	0	0	1	5	6	18	0	1	13	15	1	6	9	6	2	1	2	2	1							
	9	1014.5	+0.9	11.5	1.7	10.8	79	5.6	0	4	5	19	2	0	0	0	0	0	1	4	4	21	0	1	21	8	0	8	7	4	2	3	3	2	1							
	15	1014.6	-	13.1	2.4	11.0	72	4.5	1	7	10	9	3	0	0	0	0	0	0	1	8	20	0	3	21	6	0	4	7	4	2	1	4	3	5							
	21	1014.4	-	10.3	1.2	10.7	85	5.4	1	5	6	11	7	0	0	0	0	0	1	2	4	7	16	0	0	19	11	0	5	10	3	2	3	0	3	4						
1 SCOTLAND E																																										
Kinloss [Moray]																																										
6	3	1014.4	-	8.6	1.0	9.7	86	6.8	0	2	1	19	8	0	0	0	0	0	2	5	1	7	15	0	0	8	20	2	3	6	3	0	3	6	6	1						
	9	1014.8	+1.1	11.1	1.8	10.2	77	6.8	0	0	2	19	9	0	0	0	0	0	3	3	7	17	0	0	13	17	0	9	5	1	0	1	3	7	4							
	15	1014.6	-	12.2	2.2	10.6	74	6.3	0	3	4	13	10	0	0	0	0	0	4	5	7	14	0	1	13	16	0	10	11	0	0	1	1	4	3							
	21	1014.7	-	10.2	1.4	10.3	82	6.6	0	2	3	16	9	0	0	0	0	0	1	4	4	9	12	0	0	9	20	1	2	7	6	0	3	4	3							
Dyce [Aberdeenshire]																																										
59	3	1014.0	-	7.6	0.7	9.5	90	5.6	0	5	6	11	7	1	0	0	1	1	2	1	3	6	10	6	0	0	4	22	4	7	3	0	2	1	3	6	4					
	9	1014.2	-0.2	10.8	1.9	9.9	77	6.7	0	1	2	19	7	1	0	0	0	1	0	3	6	11	10	0	0	18	12	0	12	2	1	2	2	3	3	5						
	15	1014.2	-	12.3	2.5	10.2	72	6.6	0	1	3	17	9	0	0	0	0	0	1	3	15	10	0	2	21	6	1	9	2	2	2	8	0	1	6	8						
	21	1014.4	-	9.6	1.2	10.2	85	6.2	0	5	2	13	9	1	0	0	1	0	1	5	7	11	5	0	9	20	1	7	1	0	4	4	1	0	1	8						
Fraserburgh [Aberdeenshire]																																										
22	3	1013.9	-	9.1	0.5	10.8	93	6.5	0	2	6	9	12	1	2	0	0	0	0	4	10	13	1	0	1	17	11	1	11	2	3	2	4	1	3	3						
	9	1014.2	0.0	10.3	0.8	11.6	91	6.6	0	1	6	9	14	0	0	0	0	0	4	10	15	1	0	0	20	10	0	11	1	4	1	5	0	4	4							
	15	1014.5	-	11.2	0.8	12.0	89	5.7	0	2	9	10	9	0	0	0	0	0	1	9	15	4	0	1	19	9	1	9	5	2	2	5	0	2	4							
	21	1014.3	-	10.0	0.6	11.4	92	6.6	0	0	6	12	11	1	0	0	0	1	0	1	13	14	1	0	1	14	15	0	9	3	1	1	9	2	3	2						
Usan [Angus]																																										
35	3	1014.8	-	10.9	1.4	10.7	82	6.3	0	3	4	13	9	1	0	1	0	0	0	1	3	2	3	20	0	2	12	13	3	6	7	3	0	4	3	2	2					
	9	1015.0	-	11.9	1.4	11.6	83	6.0	0	1	10	11	8	0	0	0	0	0	0	1	4	3	21	0	1	12	15	2	3	5	7	2	9	0	2	0						
	15	1014.8	-	10.0	0.9	10.8	87	5.9	0	4	4	13	9	0	0	0	0	2	0	1	4	3	20	0	0	12	14	4	3	8	1	2	3	2	6	1						
Leuchars [Fife]																																										
12	3	1013.8	-	8.0	0.7	9.8	90	5.9	0	2	7	13	8	0	0	0	0	0	1	2	13	8	6	0	0	3	22	5	2	7	0	0	0	3	9	4						
	9	1014.1	-0.4	11.7	2.2	10.2	74	6.1	0	3	5	15	7	0	0	0	0	0	1	2	3	9	15	0	0	16	14	0	3	6	6	2	0	3	7	3						
	15	1013.9	-	13.0	2.6	10.6	72	6.6	0	2	2	19	7	0	0	0	0	0	1	0	7	11	11	0	1	16	13	0	4	10	4	2	5	4	1	1						
	21	1014.0	-	10.4	1.2	10.7	85	5.8	0	5	4	16	5	0	0	0	0	0	0	2	5	17	6	0	0	10	17	3	2	9	4	3	2	3	4	0						
Turnhouse [Midlothian]																																										
44	3	1014.2	-	8.7	0.8	10.0	88	6.4	0	3	3	16	8	0	0	0	0	0	2	2	21	3	2	0	0	5	20	5	1	11	0	1	1	8	3	0						
	9	1014.4	-0.3	11.9	2.3	10.1	72	6.3	0	0	7	18	5	0	0	0	0	0	4	8	10	8	0	0	13	16	1	1	12	2	1	0	7	4	2							
	15	1014.1	-	13.8	3.0	10.6	68	6.6	0	2	3	16	9	0	0	0	0	0	3	8	11	8	0	0	16	13	1	3	13	3	1	1	4	3	1							
	21	1014.2	-	11.0	1.6	10.5	79	6.2	0	4	2	17	7	0	0	0	0	0	0	4	14	6	6	0	8	18	4	1	8	5	0	1	5	6	0							
6a SCOTLAND W																																										
Tiree [Argyll]																																										
10	3	1013.7	-	9.4	0.9	10.4	88	5.1	0	7	6																															

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¹² Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	34 or more	22-33	11-21									1-10	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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3 ENGLAND E - continued																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
Wattisham [Suffolk]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
91	3	1012.8	-	9.4	0.4	11.2	94	6.1	1	3	5	8	13	0	0	0	1	0	1	8	12	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction

¹³Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the introduction.

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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 1931-50 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	speed (kt)													
																									34 or more	22-33	11-21	1-10	0									calm
number of observations																																						
8a SOUTH WALES																																						
Aberporth [Cardiganshire]																																						
134	3	1013.4	-	10.3	0.9	11.1	88	5.9	1	5	2	10	12	0	0	0	0	1	1	8	8	7	4	0	1	12	15	2	3	7	1	1	5	5	5	1		
	9	1014.1	-2.1	11.9	1.6	11.3	81	6.1	1	2	5	14	8	0	0	0	0	0	1	7	12	6	4	0	2	16	12	0	6	3	0	2	3	4	9	3		
	15	1014.1	-	13.3	2.0	11.9	79	6.1	1	3	4	11	11	0	0	0	0	0	1	7	7	6	8	0	3	12	15	0	5	2	1	0	2	2	6	2		
	21	1013.9	-	11.7	1.2	11.8	86	6.3	1	3	4	9	13	0	0	0	0	0	4	0	5	11	4	6	0	1	14	13	2	2	6	0	0	6	6	2		
Milford Haven Conservancy Board [Pembrokeshire]																																						
39	3	1013.8	-	11.2	0.9	11.9	89	5.5	3	3	7	4	13	0	0	0	0	0	1	12	13	4	0	0	0	4	22	4	7	4	2	0	1	5	5	2		
	9	1014.6	-2.1	13.0	1.7	12.1	81	5.9	2	1	8	7	12	0	0	0	0	0	0	0	14	15	1	0	0	0	14	11	5	1	5	5	0	2	5	2		
	15	1014.7	-	14.7	2.5	12.3	74	5.8	2	3	7	5	13	0	0	0	0	1	1	11	14	3	0	0	0	13	16	1	4	3	1	1	1	11	4	4		
	21	1014.3	-	12.7	1.3	12.5	85	6.1	1	2	6	8	13	0	0	0	0	0	2	14	13	1	0	0	0	5	20	5	6	4	0	1	2	3	7	2		
Brynamman [Carmarthenshire]																																						
	9	-	-	12.4	1.5	11.8	82	6.3	1	1	5	15	8	0	0	0	0	0	2	12	8	8	0	0	0	8	22	0	2	7	1	3	0	3	9	5		
	15	-	-	14.3	2.2	12.5	77	6.4	0	4	3	10	13	0	0	0	0	0	5	8	4	13	0	0	0	7	23	0	1	6	1	1	0	5	9	7		
	21	-	-	11.9	1.2	12.1	87	6.7	1	1	2	12	14	0	0	0	1	5	3	9	9	3	0	0	0	2	21	7	0	7	1	0	4	8	3			
Mumbles [Glamorgan]																																						
37	3	1013.8	-	11.4	1.0	11.9	88	5.9	0	6	2	10	12	0	0	0	0	0	1	6	9	12	2	0	4	4	18	4	2	3	6	0	0	3	9	3		
	9	1014.0	-	13.2	1.8	12.0	79	6.2	0	3	4	12	11	0	0	0	0	1	1	13	9	5	1	0	2	13	14	1	2	2	5	2	2	7	6	3		
	15	1014.1	-	14.7	2.5	12.3	74	5.8	0	5	7	7	11	0	0	0	0	1	1	11	6	7	4	0	4	14	12	0	2	1	4	0	2	9	8	3		
	21	1013.8	-	13.1	1.7	12.2	81	6.4	1	2	4	9	14	0	0	0	0	1	3	9	5	8	4	0	3	15	10	2	1	4	3	0	8	10	2			
Rhoose [Glamorgan]																																						
69	3	1013.3	-	10.1	0.7	11.3	91	6.3	1	3	2	12	12	0	0	0	0	0	2	12	11	4	1	0	1	9	17	3	3	8	1	0	4	8	3			
	9	1014.1	-3.0	12.6	1.7	11.7	80	6.3	0	3	5	13	9	0	0	0	0	0	1	9	8	6	0	0	19	11	0	0	9	2	1	0	1	11	3	0		
	15	1014.0	-	15.0	2.9	11.9	70	5.8	0	5	4	13	8	0	0	0	0	0	4	6	9	11	0	0	17	13	0	2	5	2	2	1	1	17	0	0		
	21	1014.0	-	11.9	1.0	12.3	88	6.2	0	2	7	9	12	0	0	0	1	0	4	7	8	6	4	0	0	10	16	4	1	6	2	0	1	15	0	0		
8b ENGLAND SW																																						
Yeovilton [Somerset]																																						
23	3	1013.8	-	10.1	0.7	11.3	91	6.3	0	4	3	8	15	0	0	0	0	1	1	8	14	6	0	0	0	5	15	10	4	3	1	1	2	2	5	2		
	9	1014.4	-	13.6	2.1	11.9	76	6.4	0	3	4	10	13	0	0	0	0	0	3	12	13	2	0	0	1	11	14	4	3	4	1	2	3	3	8	2		
	15	1014.3	-	16.2	3.5	11.9	65	6.0	0	3	5	15	7	0	0	0	0	2	8	10	10	0	0	1	15	11	3	3	4	0	2	7	1	8	2			
	21	1014.4	-	13.0	1.6	12.3	82	6.1	0	3	8	4	15	0	0	0	0	0	4	12	11	3	0	0	0	8	14	8	4	5	0	0	4	2	7	0		
Portland Bill [Dorset]																																						
54	3	1013.9	-	11.1	0.4	12.5	94	5.7	4	2	3	9	12	0	0	0	0	1	0	14	11	4	0	0	3	15	11	1	2	9	1	1	0	1	7	8		
	9	1014.3	-	13.0	1.3	12.8	86	5.6	2	3	6	10	9	0	0	0	0	1	3	11	8	7	0	0	2	16	10	2	3	4	1	1	2	2	6	9		
	15	1014.5	-	14.8	2.0	13.3	80	5.1	0	7	6	12	5	0	0	0	0	2	1	11	5	11	0	0	1	16	13	0	1	3	3	1	1	4	12	5		
	21	1014.3	-	12.4	0.9	13.0	90	5.5	2	3	8	3	13	1	0	0	1	0	13	8	6	0	0	1	20	8	1	3	6	2	2	0	5	8	3			
Hartland Point [Devon]																																						
93	3	1014.3	-	11.2	0.9	11.9	89	5.5	2	3	7	7	10	1	0	1	0	0	0	1	14	10	3	1	2	1	11	10	6	0	4	3	1	2	0	11	3	
	9	1014.9	-	12.4	1.2	12.3	85	5.6	1	3	9	6	9	2	0	2	0	0	0	6	11	7	4	0	5	7	14	4	3	7	1	1	0	3	6	5		
	15	1015.2	-	13.3	1.5	12.6	82	5.4	3	7	13	6	0	0	1	0	0	0	6	10	10	3	1	1	1	14	14	0	1	9	2	0	0	1	16	1		
	21	1014.9	-	12.2	1.0	12.6	89	6.4	1	1	4	14	7	3	1	2	0	0	0	7	13	4	3	0	3	14	11	2	1	3	6	0	4	11	3			
Mount Batten [Devon]																																						
30	3	1013.8	-	11.5	0.8	12.3	90	5.9	0	3	6	11	10	0	0	0	0	0	2	8	14	6	0	0	2	6	20	2	2	2	5	2	0	3	11	3		
	9	1014.6	-2.9	13.6	1.8	12.5	80	5.9	0	2	7	16	5	0	0	0	0	0	10	5	10	5	0	0	16	14	0	3	3	3	1	0	10	4	6			
	15	1014.7	-	15.4	2.3	13.3	76	5.8	0	3	7	13	7	0	0	0	0	0	1	6	7	5	11	0	1	15	14	0	3	0	3	2	13	4	3			
	21	1014.7	-	13.1	1.3	12.9	86	5.8	0	5	4	11	10	0	0	0	0	4	9	7	5	5	0	0	9	18	3	3	4	1	1	2	4	10	2			
Chivenor [Devon]																																						
7	3	1013.6	-	11.1	1.0	11.7	88	6.2	1	4	1	11	13	0	0	0	0	1	1	8	12	7	1	0	1	4	18	7	2	2	6	0	2	3	5	3		
	9	1014.5	-2.4	13.7	2.1	12.1	77	6.1	0	2	7	12	9	0	0	0	1	0	7	5	9	8	0	1	4	18	7	2	2	6	0	2	3	5	3			
	15	1014.5	-	15.6	2.9	12.5	70	5.7	1	4	5	11	9	0	0	0	0	2	5	7	9	7	0	1	16	13	0	1	2	3	2	4	12	3				
	21	1014.4	-	13.0	1.5	12.5	84	6.3	1	3	2	11	13	0	0	0	0	1	2	7	8	7	5	0	8	13	9	1	3	4	0	0	3	9	1			
Exeter [Devon]																																						
38	3	1013.7	-	10.2	0.6	11.5	92	6.1	0	5	3	12	10	0	0	0	0	1	8	12	4	5	0	1	4	16	9	2	4	0	1	4	2	2	6			
	9	1014.5	-2.7	13.6	1.8	12.4	79	6.5	0	2	3	17	8	0	0	0	0	1	7	6	7	9	0	1	14	14	1	2	5	0	2	2	4	6	8			
	15	1014.4	-	16.3	3.1	12.8	70	6.0	0	3	7	14	6	0	0	0	0	0	5	7	5	13	0	0	22	8	0	4	3	0	3	6	1	5	8			
	21	1014.6	-	12.9	1.4	12.5	84	5.9	1	5	2	9	13	0	0	0	0	1	9	5	7	8	0	0	9	19	2	4	5	0	3	3	2	8	3			
Scilly [Cornwall]																																						
61	3	1014.5	-	11.8	0.7	12.6	90	5.3	2	6	4	10	8	0	0	0	0	0	1	7	5	12	5	0	2	9	12	7	2	3	3	1	1	2	7	4		
	9	1015.3	-2.1	13.3	1.4	12.9	85	5.7	0	4	5	15	6	0	0	0	0	0	1	10	5	10	4	0	1	9	14	6	4	3	3	1	1	4	4	4		
	15	1015.5	-	14.2	1.6	13.3	82	5.6	1	2	10	10	6	1	0	0	1	2	5	8	3	7	4	0	1	10	13	6	1	4	0	2	4	6	3			
	21	1015.2	-	12.2	0.7	12.9	91	5.6	0	4	8	9	7	2	0	1	1	1	3	6	5	9	3	0	1	8	15	6	1	5	2	1	0	2	9	4		
St Mawgan [Cornwall]																																						
107	3	1014.2	-	11.2	0.8	12.0	90	6.0	1	3																												

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

Table 6 Summary of autographic records of wind

JUNE , 1971

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							year from N	speed (kt)	hour ended at		year from N	speed (kt)	day and time	
																		day	hour				
0	SCOTLAND N			93	10	10		0	1	9	361	307	43	0	10.8	020	24	05	17	320	35	17	0935
	Zetland	Lerwick	...	41	15	10		0	1	2	402	284	32	0	11.6	310	22	17	13	310	35	17	1335
	Orkney	Kirkwall	...	34	12	9		0	1	1	201	439	77	2	8.4	300	22	17	16	300	38	17	1525
	Caithness	Dounreay	...	45	10	10		0	1	4	254	374	88	0	9.1	320	23	17	12	320	37	17	1130
		Wick	...	24	10	10		0	0	0	56	368	296	0	4.8	270	17	28	15	310	34	17	1550
	Sutherland	Shin	...	37	12	11																	
	Ross &	Stornoway Coastguard	...	38	20	17		0	0	0	288	333	99	0	8.9	060	20	12	1	060	33	12	0015
	Cromarty	Duirinish	...	16	10	10		0	4	36	457	209	18	0	12.9	060	27	11	17	050	37	11	1500
	Inverness	Benbecula	...	23	15	12		0	6	10	370	207	113	20	10.7	090	24	3	20	210	43	27	1150
		Corpach	...	58	16	16		0	0	0	182	360	178	0	7.0	050	18	11	13	230	32	28	1120
		Fort Augustus NSHEB ¹⁴	...	19	10	10		0	0	0	173	395	152	0	7.7	030	17	03	18	230	28	27	1250
		Dalcross	...	1075	10	10		0	8	33	410	238	39	0	12.1	290	32	17	15	280	47	17	1020
		Cairngorm	...																				
1	SCOTLAND E			18	13	13		0	1	1	299	342	78	0	9.5	300	22	17	15	310	32	17	1450
	Moray	Kinloss	...	31	24	18		0	1	1	216	364	139	0	8.3	320	22	17	16	350	33	17	1655
		Lossiemouth	...	72	10	10		0	2	4	360	272	84	0	10.4	320	23	17	18	320	41	17	1535
	Aberdeen	Dyce	...	29	13	11		0	4	33	426	237	23	1	12.4	320	28	17	21	320	38	17	2120
		Fraserburgh	...	39	40	38		0	11	73	388	182	77	0	12.8	040	31	11	08	040	37	13	0750
	Angus	Bell Rock	...	307	17	17		0	0	0	207	407	102	4	8.3	060	18	11	20	060	28	11	1440
	Perth	Rannoch	...	161	16	16		0	0	0	55	431	234	0	5.2	270	17	28	18	250	30	28	1430
		Tummel Bridge	...	25	13	13		0	1	1	264	395	60	0	9.3	060	22	11	20	060	36	11	1905
	Fife	Leuchars	...	43	13	10		0	0	0	252	387	81	0	8.8	040	20	11	16	040	31	11	1535
	Midlothian	Turnhouse	...																				
6a	SCOTLAND W			24	16	12		0	5	16	428	236	40	0	12.0	190	28	21	10	190	37	21	0915
	Argyll	Tiree	...	24	13	13		0	3	5	349	300	66	0	10.3	270	27	21	23	270	40	21	2205
		Machrihanish	...	166	10	10		0	2	7	216	354	125	18	8.4	DEF	24	11	20	130	31	12	0020
	Dunbarton	Cumbernauld	...	57	25	9		0	0	0	70	454	196	0	6.0	080	17	11	22	080	35	11	2300
	Renfrew	Paisley	...	16	10	10		0	1	2	261	350	107	0	8.9	040	22	11	20	050	36	11	2110
		Abbotsinch	...	24	20			0	7	19	364	281	47	9	11.2	060	24	11	11	060	38	11	1055
	Ayr	Ardrossan	...	13	10	10		0	6	21	344	240	115	0	10.5	050	30	11	22	060	48	12	0255
		Hunterston	...	21	10	10		0	0	0	188	391	141	0	7.9	070	20	11	12	070	31	11	1105
		Prestwick	...	259	10	10		0	1	1	250	342	127	0	8.6	210	22	26	16	070	35	11	2315
	Dumfries	Eskdalemuir	...	25	10	10		0	0	0	183	392	138	7	7.6	300	20	20	15	300	31	20	1445
	Wigtown	West Freugh	...																				
6b	ISLE OF MAN			25	10	10		0	1	1	271	309	139	0	8.6	270	22	22	03	280	32	22	0905
		Ronaldsway	...	20	10	10		0	0	0	208	322	190	0	7.5	230	18	21	16	230	31	21	1555
		Point of Ayre	...																				
2	ENGLAND NE			119	16	10		0	0	0	84	491	145	0	6.8	230	18	26	17	230	35	26	1455
	Durham	Durham	...	22	17	13		0	2	9	257	344	110	0	8.8	350	23	6	14	350	32	6	1330
		South Shields	...	42	10	10		0	0	0	263	347	110	0	8.6	330	21	20	12	240	32	26	1450
	Yorks N.R.	Leeming	...	23	19	19		0	2	5	304	299	82	30	10.1	230	22	26	16	230	37	26	1545
		Middlesbrough	...	80	10	10		0	0	0	244	438	38	0	9.1	030	20	3	11	300	30	20	1500
	Lincoln	Waddington	...	77	13	13		0	0	0	363	302	55	0	10.4	290	21	20	14	290	35	20	1310
		Cranwell	...	16	10	10		0	0	0	290	365	65	0	9.5	020	21	3	11	290	35	20	1435
		Coningsby	...	118	10	10		0	1	3	346	297	74	0	10.3	310	24	20	15	310	38	20	1435
		Binbrook	...	26	10	10		0	1	1	245	385	89	0	8.9	290	22	20	16	300	34	20	1535
		Manby	...																				
3	ENGLAND E			29	10	10		0	0	0	277	372	71	0	9.1	300	20	20	17	290	32	20	1635
	Norfolk	Marham	...	93	17	14		Record not yet commenced															
		West Raynham	...	27	10	10		0	1	1	251	345	123	0	8.2	320	22	20	18	310	33	28	1330
		Coltishall	...	16	13	13		0	7	62	324	292	28	14	12.1	360	26	10	19	360	43	10	1300
		Gorleston	...	60	13	13		0	0	0	252	394	74	0	8.7	270	21	20	14	280	33	20	1705
	Suffolk	Honington	...	104	16	10		0	0	0	267	368	85	0	8.7	290	20	20	17	290	33	20	1650
		Wattisham	...	94	13	9		0	0	0	324	314	38	44	10.5	290	21	28	14	290	36	28	1330
	Bedford	Bedford	...	69	41	41		0	1	2	351	292	75	0	10.2	290	23	20	15	290	36	20	1425
		Cardington	...	94	15	10		0	0	0	57	470	193	0	5.9	310	17	20	16	300	29	20	1531
	Hertford	Garston	...	141	13	10		0	0	0	112	414	194	0	6.5	030	17	4	09	300	35	19	0720
		Rothamsted	...	108	10	10		0	1	1	263	378	78	0	8.7	290	22	20	17	270	34	28	1430
	Essex	Stansted	...	36	32	28		0	6	34	486	185	15	0	13.2	200	29	18	21	330	41	28	1540
		Shoeburyness	...																				

Table 6 Summary of autographic records of wind

JUNE 1971

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		11-21 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						mean hourly wind speed (kt)	year from N	speed (kt)	hour ended at day hour	year from N	speed (kt)	day and time
4 MIDLAND COUNTIES																			
Yorks W.R. Sheffield ...	162	25	11		0	0	0	71	413	236	0	5.8	300	18	22	8	280	41	22 0650
Church Fenton ...	18	10	10		0	1	1	232	393	94	0	8.5	340	24	20	14	340	37	20 1345
Notts Watnall ...	130	13	10		0	0	0	207	438	75	0	8.2	040	20	3	13	040	31	3 1040
Finningley ...	19	10	10		0	0	0	198	418	104	0	8.0	330	20	20	15	330	32	20 1405
Rutland Cottesmore ...	143	13	13		0	1	1	338	334	47	0	10.5	290	22	20	15	300	36	20 1400
N'hampton Wittering ...	83	10	10		0	0	0	277	360	83	0	9.1	280	21	20	12	290	35	20 1450
Warwick Edgbaston ...	196	36	22		0	0	0	136	484	100	0	7.4	310	21	20	14	310	36	20 1315
Elmdon ...	105	10	10		0	2	8	267	409	36	0	9.6	320	25	20	14	310	41	20 1035
Oxford Brize Norton ...	91	13	10		0	0	0	260	345	115	0	8.6	020	19	10	21	290	32	28 1410
Stafford Keele ...	215	15	10		0	0	0	82	456	182	0	6.0	310	17	20	13	310	37	20 1145
Worcester Pershore ...	47	10	10		0	0	0	288	346	86	0	9.0	250	20	26	15	290	30	28 1110
Gloucester Avonmouth ...	28	19	10		0	5	13	394	160	146	7	10.4	260	26	19	01	230	36	18 1740
Fairford ...	88	10	10		0	0	0	290	320	107	3	8.9	290	20	19	09	360	31	9 2125
5 ENGLAND SE																			
Greater London W/Centre	93	70	38		0	0	0	330	363	27	0	10.2	010	20	10	17	310	33	28 1510
London Heathrow ...	34	10	10		0	0	0	258	431	31	0	8.6	200	17	26	14	280	28	28 1105
Hampton ...	42	31	30		0	0	0	204	367	149	0	7.5	280	20	28	15	290	34	19 0820
Kew ...	28	23	15		0	0	0	173	398	149	0	7.2	210	16	26	14	320	35	19 0950
Surrey Gatwick ...	69	10	10		0	0	0	160	453	107	0	7.5	220	17	26	15	220	33	20 0450
Kent Isle of Grain ...	15	12	10		0	2	4	247	393	76	0	8.8	060	24	14	15	050	32	14 1510
Dungeness ...	16	10	10		0	3	11	449	244	16	0	12.2	220	27	18	21	220	40	18 1955
Dover ...	21	12	19																
Manston ...	61	17	17		0	8	33	346	302	39	0	11.6	200	24	18	20	200	35	18 1930
Sussex Thorney Island...	16	10	10		0	3	9	316	329	66	0	10.0	220	26	18	18	220	37	18 1735
Berkshire Abingdon ...	90	12	12		0	0	0	237	339	144	0	7.9	080	19	3	19	030	29	3 1830
Hampshire Hurn ...	23	13	11		0	0	0	243	315	162	0	8.2	240	20	18	18	250	33	18 1910
Calshot ...	15	13	10		0	1	2	300	365	53	0	9.5	220	25	18	18	230	36	18 1820
R.A.E. Farnborough	75	10	—		0	0	0	177	384	159	0	7.1	200	17	26	15	200	29	26 1445
Wiltshire Larkhill ...	145	13	10		0	2	3	252	304	161	0	8.7	040	23	14	17	250	36	19 0245
Boscombe Down	130	16	16		0	1	1	306	324	89	0	9.5	290	22	19	04	290	33	19 0340
Porton ...	120	10	10		0	3	5	325	298	92	0	10.1	230	22	18	18	220	36	18 1610
7a ENGLAND NW																			
Cumberland Sellafield ...	25	12	11		0	0	0	180	351	189	0	7.1	290	21	22	03	280	32	22 0115
Carlisle ...	41	13	9		0	0	0	154	416	150	0	7.2	220	17	26	17	230	30	27 1535
Spadeadam ...	292	16	15		0	0	0	158	423	139	0	7.6	070	21	11	18	080	36	11 1755
Westmorland Great Dun Fell...	857	10	10		11, 21, 25, 26	21	20	213	404	74	8	18.9	060	45	11	15	050	54	11 1410
Moor House ...	597	15	14																
Lancashire Squires Gate ...	26	16	11		0	2	7	330	345	38	0	10.4	280	24	22	03	280	40	22 0225
Aigburth ...	38	23	11		0	0	0	197	391	132	0	7.9	300	20	20	14	300	36	20 1435
Southport ...	19	14	11		0	2	12	218	303	187	0	7.8	290	26	22	04	300	38	22 0305
Fleetwood ...	34	15	9		0	2	14	130	287	289	0	6.1	280	27	22	04	280	38	22 0250
Speke ...	30	10	10		0	1	2	267	376	75	0	9.3	280	23	22	03	300	37	22 0505
Manchester W/Centre	82	45	17		0	0	0	308	354	58	0	9.5	040	21	3	24	040	37	3 2355
Cheshire Bidston ...	80	20	12		0	1	5	195	375	144	1	—	280	23	22	07	260	39	22 0350
Ringway ...	80	10	10		0	0	0	221	387	112	0	8.3	290	19	20	13	290	30	20 1225
7b NORTH WALES																			
Anglesey Valley ...	26	16	12		0	10	70	428	201	21	0	13.8	200	29	21	14	200	39	27 1600
Merioneth Trawsfynydd ...	194	10	10		0	0	0	246	379	74	21	8.8	200	21	18	14	210	40	18 1440
8a SOUTH WALES																			
Cardigan R.A.E. Aberporth	144	10	10		0	6	29	355	298	38	0	11.4	230	27	19	01	230	40	19 0020
Pembroke Milford Haven					0	1	4	211	397	108	0	8.6	210	23	18	14	280	38	20 0940
Conservancy Board	47	10	10		0	1	5	235	334	146	0	8.4	320	27	19	04	090	42	14 1250
Glamorgan Port Talbot ...	28	12	11		0	2	7	316	321	76	0	10.0	250	27	18	24	250	51	19 0005
Rhoose ...	77	10	10																
8b ENGLAND SW																			
Dorset Portland Bill Coastguard	60	13	13		0	6	37	423	224	36	0	12.2	290	32	19	01	290	45	18 2335
Devon Mount Batten ...	64	13	13		0	4	23	300	340	57	0	10.2	230	31	18	15	250	44	18 1625
Chivenor ...	19	13	10		0	3	11	251	362	96	0	8.9	250	27	18	23	260	37	18 1910
Cornwall Scilly ...	70	20	17		0	4	28	244		162	0	8.9	280	31	20	04	290	48	20 0330
Lizard ...	96	23	18		3	6	39	408	205	64	1	12.4	270	35	19	02	270	47	20 0405
St. Mawgan ...	120	13	13		0	3	17	275	359	69	0	9.6	240	26	18	16	240	42	18 1525
NORTHERN IRELAND																			
Londonderry Ballykelly ...	13	12	10		0	0	0	249	318	153	0	8.3	310	20	21	24	300	39	21 2220
Coleraine University	33	10	10		0	0	0	210	452	58	0	8.5	270	17	21	19	280	29	21 2205
Antrim Aldergrove ...	80	10	10		0	3	8	330	303	76	0	10.1	280	25	21	24	270	41	21 2110
Ballypatrick Forest	166	13	13		0	4	22	441	224	33	0	11.5	280	28	22	02	290	45	22 0150
Belfast Harbour...	21	18	18		0	4	15	356	245	94	10	10.7	050	23	04	01	250	36	27 1820
Down Kilkeel ...	35	18	14		0	8	37	410	183	90	0	11.6	280	27	22	01	280	38	21 2230
Orlock Head ...	51	16	12		0	0	0	74	481	165	0	6.2	280	16	26	14	280	27	26 1335
Armagh Portadown ...	26	10	10		0	0	0	187	356	163	14	7.1	240	17	21	17	240	32	21 1925
Tyrone Carrigans ...	129	10	10		0	0	0	149	432	117	22	7.5	250	20	21	20	250	34	21 1930
Fermanagh Castle Archdale Forest	80	13	13																
CHANNEL ISLES																			
Jersey Airport ...	98	18	12		0	4	15	318	339	48	0	10.2	260	25	19	03	270	36	19 0100

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
1968	September	Brighton												84	153	19	25																		
1970	Annual	Brighton												688	100	23	11 Oct																		
	February	Usk																														(3.76)	-	-	
	March	Greenwich																																	
	September	High Mowthorpe				9.8	13.6	-																											
		Caldecott																																	
	October	East Bergholt			15.9		11.3	-																											
		Eastwick Lodge			15.6		11.5	-																											
		Ipsley Swage Wks																																	
		Herne Bay			15.6		12.6	-																											
		Grizedale																																	
	November	Ilfracombe			14.6	10.3	12.5	+0.2	18.3	13	6.7	9.21	10.9	12.6	14.4	112	101	19	30	19	18	0	0	0	0	0	0	0	0	0	0	2	2.18	67	-
		Redcar			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Askam Bryan			9.9		6.7																												
		Aylesbury			(11.3)	(5.2)	(8.3)	-																											
		Peckham																																	
		Southsea																																	
		Burnley																																	
		Ilfracombe			12.7	8.6	10.7	+1.3	15.6	1.2	3.3	16	-	12.3	242	222	49	1	25	21	0	0	0	0	0	0	0	0	0	0	0	2	1.28	68	-
	December	Redcar			-				-				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Ashkam Bryan				1.7	4.1	-																											
		Greenwich			(7.1)		(4.5)																												
		Wisley			6.9		4.1	-0.6																											
		Mickleham			(6.3)		(3.3)																												
		Herne Bay			7.0	3.1	5.1	-																											
		Colwyn Bay			8.3	3.8	6.1	-	12.8	2	-2.2	28	5.9	-	28	-	6	3	14	8	1	0	0	0	0	0	0	5	-	-	0	-	-	S	
		Tredegar			(5.6)		(3.1)																												
		Usk				1.3																													
		Ilfracombe			8.8	5.2	7.0	-0.4	12.8	3.18	-2.2	27	-	10.4	49	44	10	3	14	10	2	1	0	0	0	0	0	0	0	0	0	0	1.44	-	-
		Burnley			5.6	1.4	3.5	-	10.6	2.18	-3.9	31	5.8	7.9	57	-	8	2	16	15	4	2	0	0	0	0	2	10	15	-	0	1.78	132	-	
	January	Ampleforth			6.1		3.3	+0.6	12.3	10																									
		Hastings																																	
	February	Cleethorpes			6.6		4.4	+0.4																											
		Skegness			7.6	1.5	4.5	+0.8	11.1	3.21	-2.8	16	-	-	9	24	3	17	6	3	0	0	0	0	0	0	2	5	14	-	0	2.03	81	-	
		Cricket Malherbie			-	-	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Helens Bay			8.2	3.4	5.8	-	11.2	12	-1.8	16	-	-	43	-	8	12	13	10	2	0	1	0	0	0	3	10	-	0	2.28	-	-	-	
		Benff																																	
		Dinnet																																	
		Carnoustie																																	
		Dall			6.8	-0.7	3.1	-	9.7	5.6	-8.6	17	-	-	80	-	12	13	27	17	5	9	0	0	0	0	13	22	-	0	-	-	-		
		Lauder			8.0	0.3	4.1	-	10.9	6.19	-7.5	16	-	-	62	-	22	12	10	7	-	0	-	-	-	0	8	-	-	-	-	2.68	-	-	
		Campbeltown																																	
	March	Stenness			7.8	1.9	4.9	-	10.3	24	(-3.8)	22	4.8	5.4	104	155	18	11	26	18	3	0	0	0	0	0	7	14	-	3	3.21	-	-	-	
		Kinlochewe																																	
		Isle of Rhum			8.8	2.8	5.8	-	10.9	6	-2.8	15	6.2	6.8	205	140	39	28	24	20	1	0	2	1	0	1	5	14	-	1	2.61	-	-	-	
		Duntulm			7.7	3.1	5.4	+0.3	10.0	30	0.0	10.15,16	-	-	102	125	14	28	28	22	6	0	0	0	1	0	1	0	10	-	3	2.54	72	-	
		Dall			8.2	-1.0	3.6	-	11.3	25	-8.6	22	-	-	33	-	3	24	25	15	4	1	0	1	0	0	14	21	-	0	-	-	-		
		Lauder			7.8	-0.2	3.8	-	12.8	11	-7.1	8	-	-	65	-	22	19	18	8	-	1	-	-	-	0	13	-	-	-	-	2.95	-	-	
		Glenress			7.7	0.4	4.1	-	11.1	8.27	-5.0	4.10,16	-	-	62	128	(22)	19	15	13	-	0	-	-	-	9	17	-	-	-	-	-	-		
		St. Marys Isle																																	
		Durham																																	
		Cleethorpes							12.9	14																									
		Plumpton				(2.0)	(5.1)	-																											
		Lake Vyrnwy																																	
		Haverfordwest																																	
		Usk																																	
		Bastreet			7.8	1.0	4.4	-	11.5	11.31	-8.5	5	-	-	105	-	38	17	16	13	0	0	0	1	0	0	10	-	-	0	-	3.74	-	-	
		Belfast Malone																																	

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

JULY
VOLUME 88**1971**
NUMBER 7

Sunny; dry spells but also some heavy thunderstorms in places

Anticyclones or ridges of high pressure covered the British Isles almost continuously during the first 20 days and relatively high pressure returned to many areas from the 27th to 30th. However, weak troughs of low pressure affected the north and west at times and from the 22nd to 26th more vigorous troughs dominated the weather in all districts.

Weather

The first 3 weeks were sunny and dry in most areas and it was very warm at times inland until mid-month. Many places in southern England had no measurable rain until the 22nd and other areas had very little despite thunderstorms on a few days. By the middle of the month a water shortage in south Westmorland was described in the Press as 'severe'. The last 10 days were generally changeable and thunderstorms or thundery rain occurred frequently.

Wind

The only notable occurrence of strong winds occurred around mid-month. A mobile depression to the north of the British Isles on the 14th and 15th brought strong winds to Scotland and the northern half of England. On the 15th gales occurred in north Scotland and gusts exceeded gale force as far south as Worcestershire. A gust of 59 kt was recorded at Kirkwall (Orkney), and Dyce (Aberdeenshire) had a gust of 54 kt, the highest recorded there in July since autographic records began in 1952.

Temperature

Monthly mean temperature was near average in Northern Ireland and Scotland, except in the extreme north of Scotland where it was almost 1 degC below average. Elsewhere, excluding areas near the east coast of England, mean temperature was above average and the excess reached nearly 2 degC in parts of Glamorgan and Devon. Plymouth Hoe with a mean temperature of 18.1°C had its warmest July since 1949. The first half of the month was generally warm away from the North Sea coast although there were several cool nights towards mid-month. During the second week day-time temperatures rose well above average in many districts; on the 7th Turnhouse (Midlothian) had its warmest July day (27.6°C) since records began in 1948 and on the 8th Newquay (Cornwall) recorded its highest temperature (27.1°C) in July since 1949. On the 11th the temperature exceeded 29°C at several places in England. The period 16th to 18th was cool, especially at night; there were reports of slight frost in some upland areas and ground frost occurred in many places. Temperatures during the remainder of the month were near average but it was cool in the north on the 22nd and 23rd.

Rainfall

Less than half the average rainfall occurred over large regions of England and Wales and in smaller areas in Northern Ireland and west Scotland. Over England as a whole it was the driest July since 1955 and rainfall amounted to less than a quarter of the average in several localities, notably in south Devon where the Exmouth area had its lowest July rainfall since 1898, and in Lincolnshire where Cleethorpes had its driest July since 1935. A few places in south Devon had measurable rain, about 4 mm, on only one rainfall day (a 24-hour period beginning at 09 GMT). The average rainfall was exceeded only in parts of east Scotland and in small areas elsewhere, in some cases due largely to heavy rain in thunderstorms. In fact much of the rain during the month was accompanied by thunder and the number of days with thunder reported was generally above average, particularly in the west. In the 24 hours commencing 09 GMT on the 3rd thunderstorms or thundery rain in the west and north contributed to large rainfall totals, for example 97 mm at Loggerheads and 81 mm in Ruthin (both in Denbighshire) and 72 mm at Callander (Perthshire). On the same day 56 mm of rain fell in 1 hour at Bleasdale (Lancashire) and flood damage was reported in many places, particularly in north Wales where the river Gele overflowed in Abergele. The 4th was thundery also and, in Oxfordshire, a boy was killed by lightning. On the 9th thunderstorms in south-west England later affected south Wales and at Sturminster Newton (Dorset) 44 mm of rain fell in about 2 hours. Except in north Scotland, it was then virtually dry until the 21st. During

the next 7 days thunderstorms or heavy rain occurred in many districts and led to local flooding. Among heavy rainfalls during this period was a report of 40 mm in 14 minutes near Watchet (Somerset) on the 27th - this is classified as a 'very rare' rainfall. On the same day heavy rain affected south-east England and East Anglia and persisted for much of the 28th in east Kent and east Norfolk. In the 24 hours from 21 GMT on the 27th Gorleston (Norfolk) recorded 88.2 mm of rain and flooding occurred in nearby Great Yarmouth. On the 30th and 31st heavy rain and thunderstorms spread north-east across most districts.

Sunshine

The month was sunnier than average everywhere except in parts of the Hebrides where sunshine amounts were slightly below average. Cornwall and Devon were particularly sunny and Plymouth Hoe with 296.2 hours of bright sunshine had its sunniest July since 1911. Llety-evan-hen (Cardiganshire) had the highest percentage of average (172 per cent) and, together with a few places in the west Midlands and West Country, had its sunniest July since 1955.

Fog

During the first fortnight it often became misty or foggy overnight, especially in central and eastern England, and occasionally sea fog encroached inland after persisting all day near the North Sea coast. This type of weather returned at times during the last week.

Miscellaneous phenomena

Funnel clouds and waterspouts were observed near Felixstowe (Suffolk) on the 21st and 25th.

Table 1 District Values

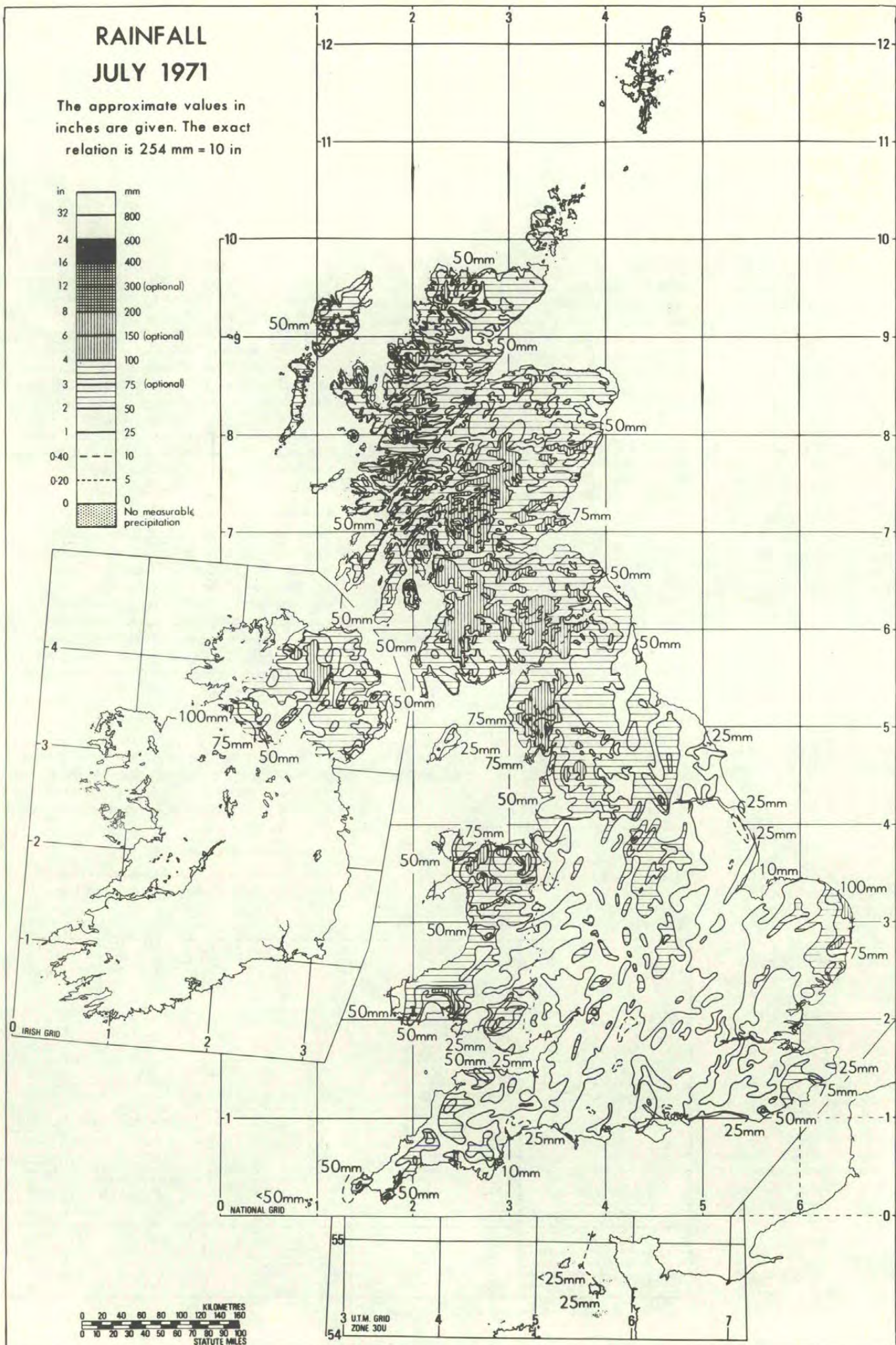
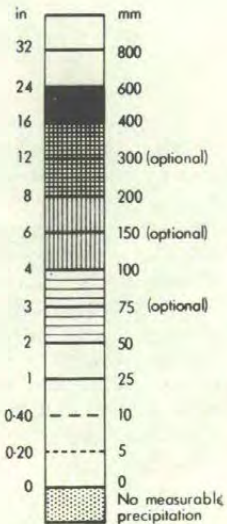
July 1971

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. *	Lowest Min. *	max.	min.	mean				
			difference from average						
0 Scotland N	26.1	1.7	+0.3	-1.1	-0.4	—	-4	70	119
1 Scotland E	27.2	4.8	+0.5	-0.2	+0.1	-0.1	-6	101	129
2 England N E	28.9	2.2	+0.4	-0.3	0.0	+0.9	-7	62	123
3 England E	28.9	4.0	+0.3	-0.0	+0.2	+0.2	-6	56	117
4 Midlands	28.8	3.2	+1.6	+0.3	+0.9	+1.2	-6	54	135
5 England S E	29.7	4.2	+1.1	+0.3	+0.7	+0.6	-6	46	121
6 Scotland W	26.0	2.1	+0.7	-0.3	+0.2	+0.4	-6	76	128
7 Eng NW - Wales N	27.7	4.5	+1.4	+0.3	+0.9	+0.5	-7	69	139
8 Eng SW - Wales S	29.0	3.3	+2.2	+0.3	+1.2	+1.5	-7	46	143
N Ireland	25.9	2.0	+1.1	-0.3	+0.3	—	-8	71	130
Scotland	27.2	1.7	+0.5	-0.5	0.0	—	-5	82	125
Eng - Wales	29.7	2.2	+1.2	+0.1	+0.6	—	-6	56	130

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

RAINFALL JULY 1971

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



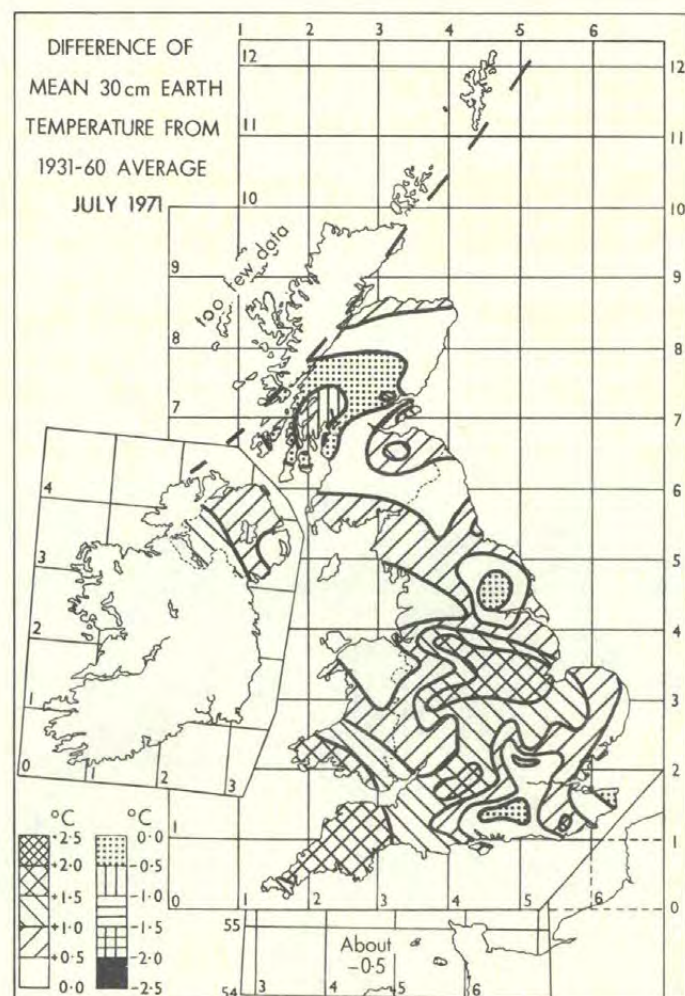
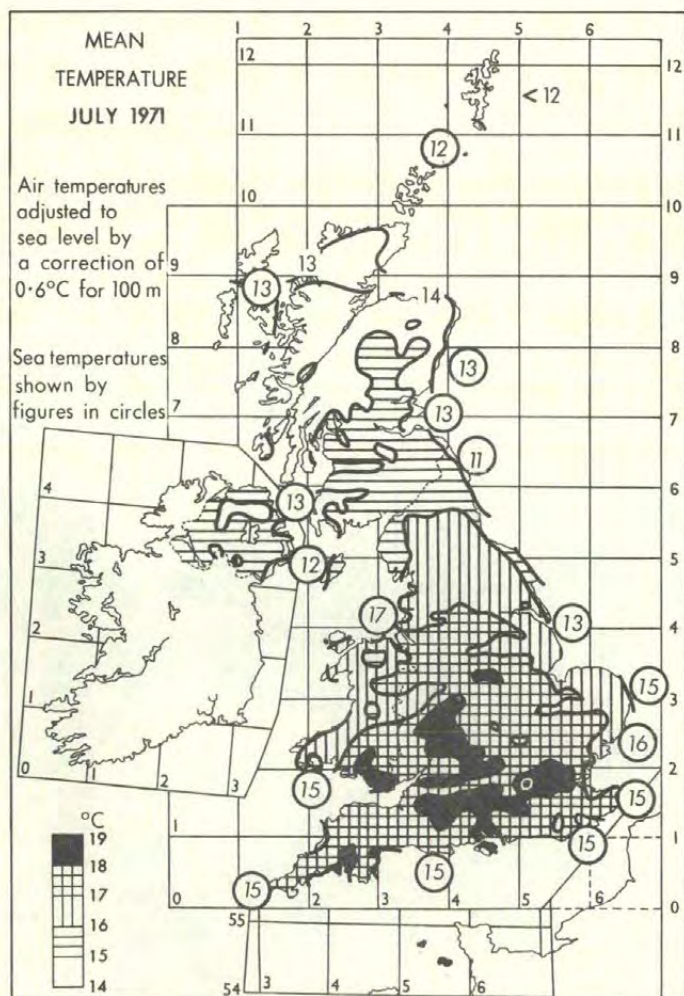
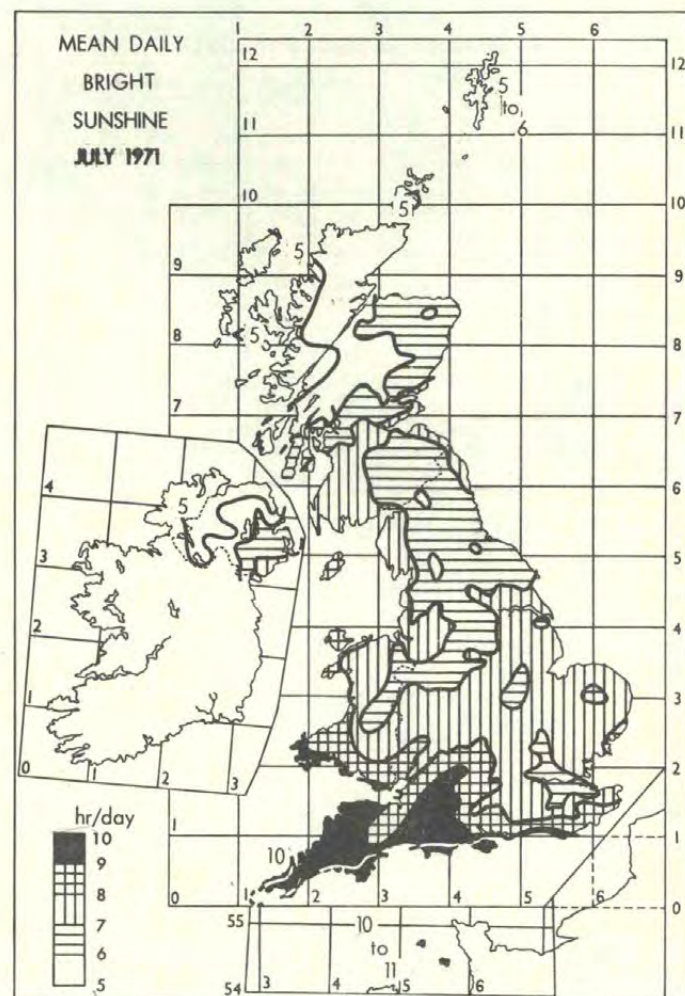
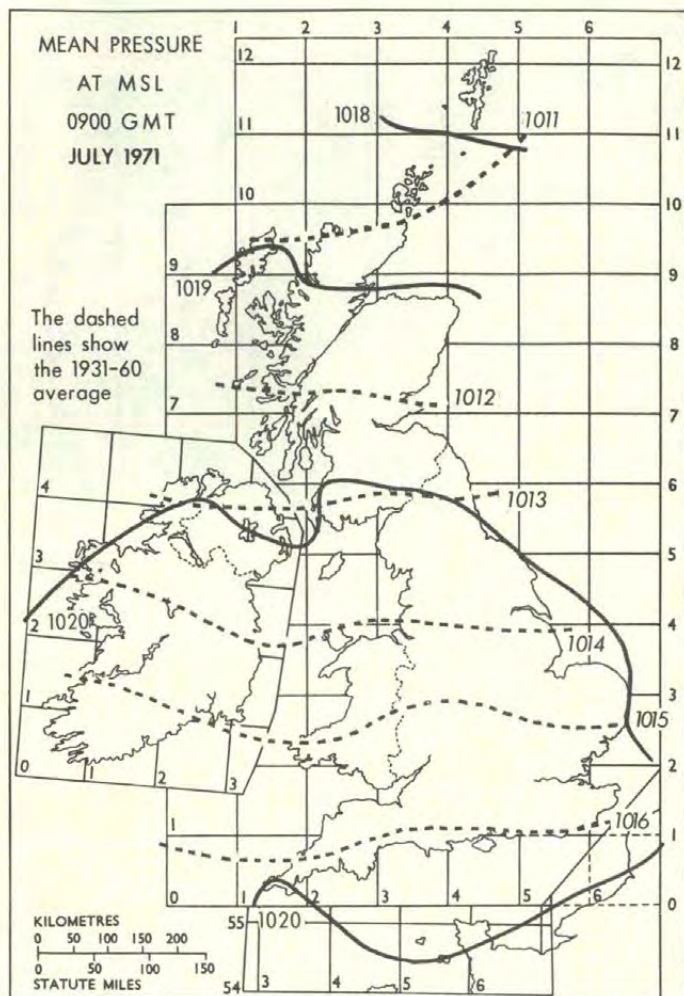


Table 2 Solar radiation and illumination

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	729	9	99	25	427.9	31	396	3	98	25	285.3	31	996	9	139	25	544.2	31
Eskdalemuir	811	6	125	22	472.1	31	367	9	120	6	246.5	31	993	6	145	22	537.2	31
Cambridge Meteorological Research Unit ..	758	15	216	28	521.6	31	397	3	167	15	293.1	31	-	-	-	-	-	-
London Weather Centre	733	15	310	28	444.3	31	370	5	167	15	259.4	31	933	15	394	3	586.6	31
Kew	755	13	242	27	508.3	31	373	3	177	27	290.4	31	1024	15	350	27	680.0	31
Easthampstead ¹	791	13	260	27	541.2	31	400	1	190	15, 27	297.6	31	949	13	337	27	657.7	31
Aberporth	834	17	243	4	600.7	31	362	10	142	4	262.9	31	-	-	-	-	-	-
Aldergrove	832	9	121	31	472.6	31	378	5	90	10	255.1	31	-	-	-	-	-	-
Jersey Airport	807	18	271	4	642.5	31	374	21	102	29	254.6	31	829	18	314	4	634.7	31

1 Formerly listed as Bracknell; the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

Table 3 Summary of daily observations

For meaning of symbols η , δ , \pm , S used below see Notes in the Introduction.

JULY 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
								max. (a)	min. (b)	max.	date																						min.
0 SCOTLAND N																																	
Zetland																																	
	Hamnavoe	...	99	21	14.2	9.5	11.9	-	19.8	3	6.1	24	-	-	32	-	11	13	16	8	0	0	0	0	0	1	0	-	-	0	5.96	-	-
	Lerwick ²	...	21-9	82	13.4	8.7	11.1	-	20.7	8	4.8	22	-	-	47	68	10	13	18	11	0	0	0	0	0	4	0	0	0	0	4.72	117	-
	Baltasound	...	99	24	13.7	8.7	11.2	-0.8	21.2	8	5.3	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		...	99	24	13.7	8.7	11.2	-0.8	21.2	8	5.3	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Baltasound	...	99	24	14.6	8.5	11.5	-	22.1	8	3.9	24	11.4	-	55	83	11	13	16	12	0	0	0	0	0	1	0	-	-	3	5.68	-	-
Orkney																																	
	Sule Skerry	...	21-9	13	14.4	9.9	12.1	-	19.4	3.4	5.3	24	-	-	53	-	33	31	11	8	0	0	0	0	1	2	0	0	0	3	-	-	-
	Stenness	...	99	23	16.3	9.2	12.7	-	23.2	8	2.6	22	11.9	10.2	53	76	21	25	16	8	0	0	0	0	0	0	0	0	2	-	2	5.23	-
	Kirkwall	...	21-9	26	15.1	9.3	12.2	-0.6	22.8	8	4.3	23	-	-	42	62	12	25	14	10	0	0	0	0	2	0	0	1	0	2	4.76	104	-
Caithness																																	
	Dounreay	...	99	21	16.5	9.2	12.9	-	24.4	3	1.7	22	-	-	50	66	19	24	14	10	0	0	0	0	0	4	0	0	-	0	6.02	-	-
	Wick	...	21-9	36	15.6	8.7	12.1	-0.8	23.9	6	1.7	22, 23	-	-	57	88	20	24	14	9	0	0	0	0	3	2	0	3	0	1	5.13	108	-
	John O'Groats	...	99	30	15.6	9.0	12.3	-	23.6	6	3.4	23	13.0	-	38	-	10	24	12	8	0	0	0	0	1	2	0	1	-	1	5.39	-	-
Sutherland																																	
	Cape Wrath	...	21-9	112	13.8	9.8	11.8	-0.4	20.2	29	6.9	16, 23	-	-	66	74	19	3	15	9	0	0	0	0	2	4	0	0	0	1	5.29	-	-
	Lairg	...	99	107	17.8	8.3	13.1	-	25.9	7	0.0	18	13.6	11.3	40	-	14	24	11	7	0	0	0	0	1	0	0	5	-	1	5.62	-	-
	Strathly	...	99	37	17.2	8.4	12.8	-0.4	24.9	3	-0.1	22	-	-	75	83	23	25	15	8	0	0	0	0	1	0	1	-	0	5.95	147	-	
	Achentoul	...	99	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ross & Cromarty																																	
	Stornoway	...	21-9	3	15.6	9.8	12.7	-0.6	20.2	7, 30	3.4	18	-	-	51	64	24	3	16	9	0	0	0	0	0	0	0	2	0	0	4.86	117	-
	Balmacara	...	99	4	17.9	10.9	14.4	-	24.5	7	5.0	18	-	-	55	-	24	3	18	8	0	0	0	0	1	0	0	-	0	-	-	-	
	Poolwee	...	99	6	17.4	11.0	14.2	-	23.9	7	5.2	18	-	-	94	87	33	3	14	11	0	0	0	0	2	0	0	-	0	4.22	-	-	
	Rudh Re	...	21-9	16	15.1	10.7	12.9	-	20.2	7	6.8	18	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	-	-	-	
	Inverpollly	...	99	14	17.0	10.0	13.5	-	22.7	3	2.7	17	12.8	-	66	70	23	3	15	8	0	0	0	0	1	-	4	-	0	4.29	-	-	
	Achnashellach	...	99	67	18.1	9.4	13.7	0.0	25.8	7	2.5	18	-	-	74	50	11	13	18	11	0	0	0	0	0	0	0	-	0	-	-	-	
	Kinlochewe	...	99	23	18.4	10.1	14.3	0.0	27.3	7	(3.4)	18	13.4	-	57	41	13	24	18	11	0	0	0	0	0	0	0	1	-	2	3.68	-	
	Strathconon	...	99	107	18.5	8.9	13.7	-	27.9	7	0.6	18	-	-	51	-	19	24	14	8	0	0	0	0	1	-	2	0	-	0	-	-	
	Fortrose	...	99	5	18.1	10.7	14.4	+0.1	26.1	7	5.0	18	-	-	58	83	26	24	9	7	0	0	0	0	0	1	0	-	1	5.85	129	-	
	Tarbatness	...	21-9	18	16.2	10.9	13.5	-0.2	24.5	8	(5.0)	18	-	-	56	93	19	24	8	5	0	0	0	0	0	3	0	-	1	-	-	-	
Inverness																																	
	Benbecula	...	21-9	6	16.0	11.2	13.6	0.0	22.4	7	6.1	17	-	-	50	54	16	3	13	9	0	0	0	0	0	0	0	0	0	0	4.35	-	-
	Isle of Rhum	...	99	5	17.6	10.7	14.1	-	25.0	7	4.4	18	16.6	14.0	-	70	38	27	3	18	11	0	0	0	0	0	0	1	-	2	4.95	-	-
	Prabost	...	99	67	16.8	10.2	13.5	-	23.4	7	3.5	18	-	-	73	61	39	3	13	11	0	0	0	0	0	0	0	1	-	0	4.17	-	-
	Duntulm	...	99	90	15.5	10.1	12.8	-0.1	21.1	7	6.7	18	-	-	62	64	35	3	16	11	0	0	0	0	0	0	0	0	0	0	4.54	112	-
	Onich	...	99	15	18.4	9.5	13.9	+0.1	23.9	6	2.8	18	-	-	72	47	(15)	3	18	14	-	0	-	-	-	0	0	2	-	-	4.38	123	-
	Fort William	...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Corpach	...	99	8	18.4	9.8	14.1	-	26.6	7	4.4	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Fort Augustus	...	99	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Inverness	...	99	4	18.3	10.8	14.5	-	28.9	7	(6.1)	17	-	-	56	82	26	24	7	6	0	0	0	0	0	0	3	0	0	0	5.58	-	-
	Coire Cas Shieling	...	99	762	14.4	7.2	10.8	-	24.5	7	1.3	16	-	-	81	-	23	24	15	13	0	-	0	0	0	2	0	-	1	-	-	-	-
	Cairngorm	...	99	1090	11.4	5.4	8.4	-	21.4	7	-0.3	16	-	-	91	-	21	24	18	13	0	-	0	0	0	8	2	-	4	5.48	-	-	-
	Glenmore Lodge	...	99	341	17.5	7.5	12.6	0.0	27.4	7	2.0	18	-	-	47	48	17	24	10	9	0	0	0	0	0	0	0	4	0	0	5.70	-	-
	Moy	...	99	305	17.1	8.0	12.5	-	25.8	7	1.7	18	12.1	-	72	-	25	24	18	11	0	0	0	0	0	0	0	4	-	0	6.07	-	-
1 SCOTLAND E																																	
Nairn																																	
	Nairn	...	99	6	18.0	10.0	14.0	-0.4	26.4	7	4.3	18	-	-	52	75	27	24	9	4	0	0	0	0	0	3	0	2	-	0	5.47	122	-
Moray																																	
	Grantown-on-Spey	...	99	229	18.4	8.3	13.3	-	28.5	7	2.0	17	-	-	62	-	23	24	11	6	0	0	0	0	0	0	4	-	0	6.28	-	-	
	Forres	...	99	50	18.8	10.6	14.7	+0.2	26.3	7	5.8	18	16.4	14.9	-	70	97	29	24	12	8	0	0	0	1	0	0	0	0	0	6.64	139	-
	Kinloss	...	21-9	5	18.3	10.4	14.3	+0.1	26.1	8	5.4	18	13.5	-	61	86	25	24	10	6	0	0	0	0	1	0	0	2	0	1	6.56	-	-
	Elgin	...	99	15	18.5	10.0	14.3	-	25.7	6	4.0	18	-	-	92	128	33	24	11	5	-	-	-	-	1	0	0	-	-	6.50	-	-	
	Lossiemouth	...	99	6	17.8	10.0	13.9	-0.4	24.2	6	5.0	18	-	-	73	104	27	24	11	6	0	0	0	0	1	0	0	1	0	1	-	-	-
	Gordon Castle	...	99	32	18.7	9.8	14.3	-0.3	26.7	8	4.4	17	-	-	78	101	30	24	12	10	0	0	0	0	0	0	-	0	-	2	6.49	140	-
Banff																																	
	Glenlivet	...	21-9	215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Banff	...	99	24	17.7	10.8	14.3	-	26.7	8	7.2	23	-	-	51	-	16	24	11	6	-	0	-	-	-	1	0	-	-	6.44	-	-	
Aberdeen																																	
	Braemar	...	99	339	18.1	8.3	13.2	+0.1	26.1	7	4.9	17	-	-	55	72	20	23	8	8	-	0	-	-	-	0	0	0	-	-	5.95	-	-
	Balmoral	...	99	283	18.1	7.9	13.0	-0.2	26.7	7	2.2	13	-	-	65	84	22	24	10	10	0	0	0	0	0	0	0	0	-	0	-	-	-
	Dinnet	...	99	177	19.4	8.7	14.1	-	27.8	7	3.9	17	14.3	-	85	-	27	23	9	8	-	0	-	-	-	0	0	0	-	-	6.06	-	-
	Gartly	...	99	160	18.4	8.7	13.5	-	28.4	7	2.8	18	-	-	59	-	23	24	13	9	-	-	-	-	-	0	1	-	-	-	-	-	-

² Lerwick. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip'n 0.2mm or more	1.0mm or more	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)	daily mean (mean of a + b)	difference from 1931-50 average	max.	date	min.	date																						
1 SCOTLAND E — continued																																
Aberdeen — continued																																
Inverurie Sewage Works	99	54	19.0	8.8	13.9	-	27.3	7	2.9	18	-	-	47	-	23	24	10	8	0	0	0	0	0	1	0	1	-	0	6.23	-	-	-
Fyvie Castle	99	66	-	8.1	-	-	-	-	2.2	18	-	-	57	70	21	24	11	9	0	0	0	0	0	0	0	0	0	1	5.33	-	-	-
Craibstone	¶ 99	91	17.9	9.1	13.5	-0.2	25.6	7	4.8	18	14.4	12.6	51	60	18	23	11	8	0	0	0	0	0	0	0	0	0	2	6.51	127	-	-
Dyce	21-9	58	18.1	9.1	13.6	-0.4	25.4	7	3.9	18	-	-	53	61	24	23	10	9	0	0	0	0	0	1	0	2	0	1	7.05	-	-	-
Aberdeen	99	52	17.8	9.8	13.8	-0.3	24.8	11	5.1	18	-	-	69	82	26	24	9	6	0	0	0	0	0	3	0	0	0	3	6.84	137	-	-
Fraserburgh	21-9	18	16.7	10.6	13.7	-	26.0	1	7.8	20	-	-	44	-	10	20	11	8	0	0	0	1	0	2	0	0	0	3	6.83	-	-	-
Kincardine																																
Fettercairn	99	171	18.2	9.3	13.7	+0.2	24.3	1	5.5	17	-	-	83	84	29	24	12	10	0	0	0	0	0	2	0	0	0	0	5.73	-	-	-
Strachan	99	120	18.7	7.9	13.3	-	25.6	7	1.7	13	12.6	-	74	-	26	24	11	9	0	0	0	0	0	1	0	0	0	0	5.89	-	-	-
Banchory	99	77	19.3	9.9	14.6	-	27.2	7	5.6	13, 18	-	-	63	-	28	24	9	7	0	0	0	0	0	3	0	0	0	1	-	-	-	-
Stonehaven	99	4	17.7	9.6	13.7	-0.5	24.4	1, 11	4.4	17	-	-	81	104	40	24	7	7	0	0	0	0	0	0	0	0	0	1	6.06	122	-	-
Angus																																
Mylnfield	¶ 99	30	19.5	10.7	15.1	-	26.3	7	6.2	17	15.2	11.9	104	145	43	23	9	8	0	0	0	0	2	1	0	0	0	0	7.33	-	-	-
Dundee	¶ 99	45	20.1	10.9	15.5	+0.4	27.2	7	6.2	17	16.6	-	109	135	33	23	10	8	0	0	0	2	1	0	0	0	0	0	6.66	-	-	-
Glamis Castle	99	61	19.5	9.2	14.3	-	26.7	7	3.3	17	-	-	85	107	29	23	11	9	0	0	0	0	4	0	0	2	0	1	-	-	-	-
Whitehills	99	258	18.4	7.9	13.1	-	26.4	7	3.2	13	-	-	94	90	33	24	13	10	0	0	0	0	1	1	0	0	0	0	-	-	-	S
Buddon Ness	99	5	18.7	9.2	13.9	-0.1	22.8	7	3.8	13	-	-	79	108	24	24	11	8	0	0	0	0	3	2	0	0	0	0	1	-	-	-
Carnoustie	99	9	19.0	10.0	14.5	-	26.1	6	5.6	17	-	-	(76)	(101)	(23)	24	8	8	-	0	-	-	0	0	0	0	0	0	6.62	-	-	-
Arbroath	¶ 99	28	17.9	10.6	14.3	0.0	23.9	1	7.2	17	-	-	69	103	21	24	8	7	0	0	0	0	1	3	0	0	0	0	7.17	124	-	-
Usan	21-9	30	16.9	10.5	13.7	-	23.5	1	7.0	17	-	-	76	-	45	24	10	6	0	0	0	0	0	3	0	0	0	0	6.83	-	-	-
Montrose	99	57	18.0	10.1	14.1	-	24.0	7	6.7	21	-	-	81	109	28	24	9	8	0	0	0	0	2	2	0	0	0	0	-	-	-	-
Perth																																
Aberfoyle	99	27	20.0	8.8	14.4	-	26.1	7	2.2	18	-	-	90	-	24	3	11	10	0	0	0	0	1	-	0	0	0	0	-	-	-	-
Dall	99	232	18.7	8.3	13.5	-	26.5	7	1.4	13	-	-	92	-	15	21	14	12	0	0	0	0	2	0	0	1	0	0	-	-	-	-
Callander	99	107	19.4	9.4	14.4	-	25.6	7	5.0	12, 13, 18	-	-	147	-	72	3	11	10	0	0	0	0	2	0	0	0	0	0	-	-	-	-
Ardtnaig	99	130	19.5	9.9	14.7	-	27.8	7	6.0	18	-	-	97	102	24	3	12	11	0	0	0	0	2	0	0	0	0	0	-	-	-	-
Drummond Castle	99	113	19.2	9.4	14.3	-	25.7	6	4.9	18	16.1	-	105	-	20	23	13	11	0	0	0	0	3	-	0	1	0	0	-	-	-	S
Gleneagles	99	152	19.1	8.3	13.7	-	25.6	7	1.8	14	-	-	87	98	19	23	13	12	0	0	0	0	1	1	0	3	-	0	6.73	-	-	-
Fowls Wester	99	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pitlochry	99	144	18.8	9.4	14.1	-	26.1	7	4.4	12, 13	-	-	108	149	(20)	23	11	11	0	0	0	0	1	0	0	0	0	0	5.95	-	-	-
Faskilly	99	94	19.4	9.9	14.7	-	26.7	7	4.4	14	16.1	14.1	127	170	20	23	11	11	0	0	0	0	2	0	0	0	0	0	-	-	-	-
Ashintully Castle	99	341	18.1	8.3	13.2	-	25.9	7	3.9	17	-	-	89	-	29	23	12	10	0	0	0	0	1	2	0	0	0	0	-	-	-	-
Strathallan	99	41	20.0	10.5	15.3	-	27.2	7	5.6	12	-	-	123	-	37	23	11	9	0	0	0	0	2	0	0	0	0	0	-	-	-	-
Perth	99	23	20.1	10.8	15.5	+0.2	27.9	7	6.1	13	-	-	87	108	30	23	10	10	0	0	0	0	0	2	0	0	0	0	5.91	113	-	-
Blairgowrie	99	70	19.6	9.9	14.7	-	26.7	7	5.6	13	16.2	-	75	104	39	23	11	9	-	-	-	-	-	0	5	-	-	-	6.10	-	-	-
Kinross																																
Kinross	99	113	19.6	9.6	14.6	-	26.9	7	4.6	13	15.3	-	96	-	23	23	10	9	-	0	-	-	-	0	0	-	-	-	6.33	-	-	-
Fife																																
Pitreevie	99	40	19.8	10.8	15.3	-	27.6	7	6.7	18	-	-	92	-	32	31	8	8	0	0	1	0	4	0	0	0	0	1	-	-	-	-
Kirkcaldy	99	32	19.3	9.9	14.6	-0.5	26.7	8	6.1	18	-	-	84	106	25	23	9	7	0	0	0	0	2	0	0	0	0	0	7.64	-	-	-
Cupar	99	25	19.8	10.1	14.9	-	26.7	7, 8	5.6	13	16.2	-	100	133	29	23	12	11	0	0	0	0	2	1	0	0	0	0	6.61	-	-	S
Leuchars	21-9	10	19.3	10.4	14.9	0.0	26.8	8	5.9	13	-	-	77	107	19	23	11	8	0	0	0	0	4	2	0	0	0	0	7.18	125	-	-
St Andrews	99	18	19.3	11.2	15.3	-	26.6	8	7.2	17	16.7	14.1	72	-	23	23	11	8	-	0	-	-	3	0	0	-	-	-	7.35	129	-	-
West Lothian																																
Livingston	99	125	19.9	9.1	14.5	-	27.8	7	2.2	18	-	-	81	-	17	23	9	8	-	-	-	-	6	0	0	-	-	-	-	-	-	-

Table 3 Summary of daily observations

For meaning of symbols ¶ § § § used below see Notes in the Introduction.

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1915-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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																	
6a SCOTLAND W — continued																																	
Argyll — continued																																	
Campbeltown ...	99	12	18.1	11.4	14.7	-	22.8	6.7	5.6	18	-	-	55	-	17	24	10	9	-	0	-	-	-	1	0	-	-	-	-	6.25	-	-	
Achaglachgach ...	99	12	18.2	9.9	14.1	-	23.3	7	2.8	18	-	-	44	39	19	24	10	6	-	-	-	-	0	0	0	1	-	-	-	-	-	-	
Knapdale Forest ...	99	40	17.9	10.1	14.0	-	24.9	7	3.3	18	-	-	42	-	13	24	16	9	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Glenbranter ...	99	24	18.5	10.2	14.3	-	25.6	7	2.5	18	-	-	46	-	13	24	14	10	0	0	0	0	1	0	0	1	0	0	-	-	-	-	
Glen Etive ...	99	24	19.1	9.8	14.5	-	26.8	7	3.6	18	-	-	60	-	15	31	18	16	0	0	0	0	1	-	0	0	0	0	-	-	-	-	
Benmore Younger Botanic Gardens ...	99	12	18.9	10.7	14.8	-	25.2	7	3.9	18	-	-	71	46	27	24	14	8	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
Bute																																	
Kildonan ...	21-9	18	17.6	11.3	14.5	-	21.2	30	6.8	18	-	-	61	-	13	23	12	8	0	0	0	0	1	1	0	0	0	0	7.28	-	-	-	
Brodict Castle ...	99	15	19.1	10.4	14.7	-	24.6	7	4.8	18	16.7	-	139	104	64	24	11	10	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
Rothsay ...	¶ §	43	18.5	10.9	14.7	+0.3	25.0	7	6.0	18	14.4	12.5	61	56	26	24	13	10	0	0	0	0	0	0	0	0	0	0	6.65	133	-	-	
Dunbarton																																	
Finnart ...	99	15	18.8	11.1	14.9	-	25.0	10	6.5	17	-	-	65	-	13	24	12	12	0	0	0	0	1	-	0	-	0	-	-	-	-	-	
Helensburgh ...	99	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Sloy ...	21-9	12	18.6	11.1	14.9	-	24.4	7	6.0	12	-	-	84	-	14	30	17	13	0	-	0	0	2	0	0	-	1	-	-	-	-	-	
Cumbernauld ...	99	94	19.9	9.7	14.8	-	27.2	7	3.8	18	-	-	95	-	19	23	10	10	0	0	0	0	3	0	0	0	0	0	-	-	-	-	-
Stirling																																	
Earls Hill ...	21-9	335	17.4	9.0	13.2	-	24.2	7	4.9	16	-	-	102	-	20	3	10	10	0	-	0	0	4	4	0	0	0	1	7.13	-	-	-	-
Stirling Butterflats ...	99	38	20.7	10.2	15.5	-	27.8	7	5.0	18	16.5	14.7	88	-	18	23	10	10	0	0	0	2	0	0	1	-	0	7.14	-	-	-	-	
Parkhead ...	99	107	20.2	10.4	15.3	-	27.2	7	5.8	18	16.8	-	87	-	20	25	11	10	0	0	0	0	0	0	0	-	0	-	-	-	-	-	
Falkirk Sewage Works	99	3	20.6	10.3	15.5	-	27.5	7	5.9	18	-	-	100	-	25	25	9	9	0	0	0	0	0	0	0	0	0	6.40	-	-	-	-	
Grangemouth ...	99	4	21.2	11.6	16.4	-	30.0	7	(7.8)	12	-	-	53	-	11	23	9	9	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Grangemouth Refinery	99	2	20.4	11.3	15.9	-	28.5	7	7.0	18	-	-	67	-	20	23	10	8	-	-	-	-	-	0	-	-	-	-	-	-	-	-	
Renfrew																																	
Greenock ...	99	61	18.2	11.6	14.9	-0.2	24.9	7	7.9	18	-	-	81	78	23	24	13	9	0	0	0	0	2	0	0	0	0	6.11	117	-	-	-	
Paisley ...	99	32	19.8	11.6	15.7	+0.1	26.1	7	6.8	18	16.4	13.8	94	113	23	24	10	10	0	0	0	0	1	0	0	0	0	6.28	124	-	-	-	
Barrhead ...	99	30	19.7	10.8	15.3	-	26.1	7	3.7	18	-	-	84	96	19	30	10	10	0	0	0	0	3	0	0	0	0	0	-	-	-	-	
Abbotsinch ...	¶ §	21-9	5	19.7	10.2	14.9	-0.2	26.0	7	3.4	18	-	-	84	106	20	24	11	9	0	0	0	3	0	0	1	0	6.88	134	-	-	-	-
Lanark																																	
Crossmyloof ...	99	23	19.8	9.8	14.8	-	26.7	7	4.4	18	-	-	96	-	19	3	11	10	0	0	0	0	2	0	0	-	0	6.58	-	-	-	-	
East Kilbride ...	99	178	18.5	9.9	14.2	-	25.8	7	4.6	18	-	-	103	-	19	30	11	10	-	0	-	-	-	-	0	-	-	7.30	-	-	-	-	
Glasgow, Springburn	99	107	19.4	10.7	15.1	+0.2	26.5	7	6.2	16	-	-	103	123	22	30	13	11	0	0	0	2	0	0	0	0	0	7.03	144	-	-	-	
Coatbridge ...	99	78	19.7	10.3	15.0	+0.4	27.2	7	5.0	16,18	-	-	83	108	14	3,23	10	10	0	0	0	0	3	0	0	-	0	-	-	-	-	-	
Salsburgh ...	21-9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leadhills ...	99	387	18.9	8.6	13.7	+0.9	25.9	7	1.8	18	-	-	108	86	19	30	16	11	0	0	0	0	2	0	0	4	-	0	-	-	-	-	
Crawfordjohn ...	99	274	18.2	8.1	13.1	-	24.5	7	0.3	18	14.2	-	122	-	26	30	13	11	0	0	0	0	3	0	0	1	0	6.89	-	-	-	-	
Lanark ...	99	152	19.9	9.9	14.9	-	26.7	7	3.9	18	-	-	-	-	-	-	-	-	-	-	-	0	3	0	0	-	1	6.85	-	-	-	-	
Canwath ...	99	208	19.6	6.8	13.2	-0.3	26.2	7	-1.2	18	14.8	-	91	128	19	25	12	11	0	0	0	0	2	0	1	5	-	0	-	-	-	-	
Camps Reservoir ...	99	295	17.8	8.5	13.1	-	24.1	7	1.9	18	-	-	92	103	28	24	10	10	0	0	0	0	4	2	0	-	2	6.65	-	-	-	-	
Ayr																																	
Girvan ...	99	8	19.6	12.4	16.0	-	24.7	3	(6.7)	18	-	-	55	-	14	24	13	9	0	0	0	0	1	0	0	0	0	7.44	-	-	-	-	
Hunterston ...	99	8	18.7	11.9	15.3	-	23.8	7	6.7	18	-	-	80	-	33	24	11	10	0	0	0	0	3	0	0	-	1	-	-	-	-	-	
Barr ...	99	122	19.2	8.8	14.0	-	25.0	8	(0.6)	18	-	-	94	-	22	30	12	12	-	0	-	-	-	0	0	-	-	-	-	-	-	-	
Auchincruive ...	99	45	18.9	10.3	14.6	-0.1	23.9	8	3.7	18	15.2	13.2	90	106	16	24	12	11	0	0	0	0	3	0	0	0	0	7.33	151	-	-	-	
Prestwick ...	21-9	16	19.1	10.3	14.7	-	24.9	8	2.9	18	-	-	74	93	15	24	12	10	0	0	0	0	3	0	0	0	0	7.37	-	-	-	-	
Kilmarnock ...	99	34	20.0	10.3	15.1	+0.2	25.7	7	4.4	18	16.6	-	116	132	(25)	25	10	9	0	0	0	0	0	0	0	1	-	0	-	-	-	-	
Dumfries																																	
Dumfries ...	¶ §	99	49	19.9	10.9	15.4	+0.4	24.4	7	4.9	18	16.2	14.2	88	90	28	24	11	9	0	-	0	0	4	0	0	0	6.95	141	-	-	-	
Eskdalemuir ⁴	¶ §	21-9	242	18.4	8.8	13.6	-	24.5	7	1.7	19	14.2	12.1	106	84	48	24	11	10	0	0	0	0	6	1	0	2	0	6.44	143	-	-	-
Kirkcudbright																																	
Bargrennan ...	99	110	19.3	9.1	14.2	-	(23.6)	3	2.2	18	-	-	81	72	19	24	12	10	0	0	0	0	2	0	0	1	-	0	-	-	-	-	
Palnure ...	99	15	18.8	9.9	14.3	-	22.9	30	1.9	18	-	-	63	63	20	3	12	10	0	0	0	0	2	0	0	0	0	-	-	-	-	-	
Clatteringshaws ...	99	178	18.7	9.3	14.0	-	23.3	7	2.6	18	-	-	103	70	25	24	12	10	0	0	0	0	3	0	0	-	0	7.29	-	-	-	-	
Glenlee ...	99	55	20.2	9.5	14.9	+0.1	24.9	7	1.6	18	-	-	85	77	17	24	12	9	0	-	-	-	-	0	0	3	-	-	-	-	-	-	
Dundeugh ...	99	119	19.4	8.6	14.0	-	24.1	7	-0.3	18	13.0	-	101	97	22	22	12	12	0	0	0	0	1	0	1	-	0	-	-	-	-	-	
St Marys Isle ...	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Girdstingwood ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenlochar Barrage ...	99	47	20.1	10.1	15.1	-	24.1	30	3.1	18	-	-	58	61	19	24	10	9	0	0	0	0	2	0	0	-	0	-	-	-	-	-	
Threave ...	99	73	19.9	9.9	14.9	-	23.9	3,7,30	3.8	18	16.7	-	61	56	16	24	10	9	0	0	0	0	1	0	0	1	-	0	-	-	-	-	
Castle Douglas ...	99	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.47	-	-	-	-	
Wigtown																																	
West Freugh ...	99	15	18.0	10.6	14.3	-	21.5	11	5.4	18	-	-	46	60	11	30	11	8	-	-	-	-	-	-	0	-	-	7.90	-	-	-	-	
Penwhirrh ...	99	166	17.8	9.8	13.8	-	22.2	6,7,8	5.6	18	-	-	57	48	17	24	13	9	0	0	0	0	0	0	0	0	0	7.61	-	-	-	-	
Mull of Galloway ...	21-9	78	17.2	1																													

Table 3 Summary of daily observations

For meaning of symbols 1 5 8 used below see Notes in the Introduction.

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	date	precip'n		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							0.2mm or more	1.0mm or more															
2 ENGLAND NE — continued																																	
Yorkshire N Riding																																	
Leeming ...	21-9	32	21.5	11.5	16.5	-	27.0	8	5.5	18	-	-	79	129	40	23	9	5	0	0	0	0	0	0	0	0	0	0	0	6.45	-	-	
Marton ...	99	46	21.1	11.8	16.5	-	27.8	8	5.8	18	16.6	14.2	57	-	20	30	13	7	0	0	0	0	0	0	0	0	0	0	0	6.19	-	-	
York (Heslington) ...	99	20	21.5	11.8	16.7	-	25.9	11	5.0	18	18.2	16.4	73	-	21	23	9	7	0	0	0	0	0	0	0	0	0	0	0	7.27	-	-	
Redcar ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pickering ...	99	44	21.5	10.4	15.9	-	27.2	11	2.6	18	-	-	30	-	11	30	7	6	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
Scarborough ...	99	53	17.6	12.1	14.9	-	25.6	11	7.2	18	17.6	14.2	23	-	15	30	4	3	0	0	0	0	0	1	1	0	0	0	0	6.48	112	-	
Silpho Moor ...	99	203	19.1	10.6	14.9	-	25.6	11	5.3	18	15.2	-	37	-	16	30	11	7	0	0	0	0	0	0	5	0	1	-	0	6.50	-	-	
Whitby Coastguard ...	21-9	60	17.5	11.2	14.3	-	23.5	15	4.0	18	-	-	42	-	12	30	10	8	0	0	0	0	0	3	3	0	0	0	0	-	-	-	
Yorkshire E Riding																																	
High Mowthorpe ...	99	175	19.9	10.8	15.3	-	24.7	11	5.0	18	15.7	-	26	36	8	26	7	6	-	0	-	-	-	2	0	0	0	0	-	6.02	-	-	
Hull ...	99	2	21.7	12.5	17.1	+0.3	28.9	11	7.2	13, 18	17.6	-	29	48	15	30	6	3	0	0	0	0	2	0	0	0	0	0	0	7.46	132	-	
Filey ...	99	37	18.4	11.1	14.7	-	25.6	11	5.1	18	-	-	20	32	10	30	8	3	0	0	0	0	2	1	0	0	0	0	0	6.68	-	-	
Bridlington ...	99	48	18.7	10.8	14.7	-0.4	26.1	11	5.3	17	-	-	23	37	9	30	8	5	0	0	0	0	2	2	0	0	0	0	0	6.98	113	-	
Kilnsea ...	21-9	12	18.3	12.4	15.3	-	23.2	15	6.4	18	-	-	32	-	26	23	5	2	0	0	0	0	2	1	0	-	0	0	0	7.68	-	-	
Lincoln																																	
Waddington ...	5	21-9	68	21.9	12.2	17.1	+0.8	27.0	11	7.2	13	-	23	-	14	30	7	2	0	0	0	0	4	0	0	0	0	0	0	7.60	125	-	
Lincoln ...	99	7	22.4	10.3	16.3	0.0	27.2	30	2.2	13, 18	17.4	15.1	26	42	21	30	6	3	0	0	0	0	0	0	0	1	-	0	7.56	-	-		
Cranwell ...	99	62	21.8	11.5	16.7	+0.4	26.6	11	5.5	18	18.6	16.6	15	23	8	30	6	3	0	0	0	0	2	0	0	0	0	0	0	6.98	117	-	
Brigg ...	99	3	22.5	10.7	16.6	-	28.2	11	4.0	13, 18	-	-	16	-	9	30	6	3	0	0	0	0	5	0	0	0	0	0	0	-	-	-	
Binbrook ...	21-9	108	20.6	11.8	16.2	-	26.0	11, 30	6.8	18	-	-	20	-	12	30	5	2	0	0	0	0	3	0	0	0	0	0	0	-	-	-	
Cleethorpes ...	99	7	20.1	12.7	16.4	+0.1	25.9	12	8.2	19	-	-	9	16	7	30	3	2	-	0	-	-	0	0	0	0	0	0	0	6.72	109	-	
Manby ...	21-9	17	21.1	11.6	16.3	-	27.2	11	6.8	18, 19	18.0	-	11	19	6	30	5	4	0	0	0	0	3	0	0	0	0	0	0	7.64	-	-	
Skegness ...	99	5	20.4	12.6	16.5	+0.3	26.1	15	7.2	18	-	-	13	23	7	30	4	3	0	0	0	0	1	0	0	-	0	0	0	7.74	127	-	
3 ENGLAND E																																	
Norfolk																																	
Terrington St.																																	
Clement ...	99	4	22.1	11.4	16.7	+0.3	27.6	11	5.5	18	17.7	-	17	31	7	26	5	4	0	0	0	0	2	0	0	0	0	0	0	7.70	127	-	
Marham ...	21-9	23	22.5	12.0	17.3	-	29.0	8	6.6	18	-	-	22	-	8	11	8	4	0	0	0	0	3	0	0	0	0	0	0	-	-	-	
Santon Downham ...	99	24	23.0	9.7	16.3	-	28.9	11	1.1	13	16.8	14.8	48	67	16	26	9	7	-	0	-	-	-	5	-	-	-	-	-	7.19	-	-	
West Raynham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Dereham ...	99	53	22.8	10.8	16.5	-	28.3	11	4.6	19	18.2	-	51	-	17	28	7	6	0	0	0	0	3	-	0	0	0	0	0	8.19	-	-	
Morley St Botolph ...	99	48	22.3	10.8	16.5	-	28.3	11	4.6	19	18.2	-	51	-	17	28	7	6	0	0	0	0	3	-	0	0	0	0	0	8.19	-	-	
Cromer ...	99	54	20.8	-	-	-	26.2	15	-	-	-	-	68	102	49	28	7	7	0	0	0	0	1	0	-	-	-	0	6.91	(111)	-		
Coltishall ...	21-9	17	21.4	11.4	16.4	-	26.7	15	5.6	17	-	-	82	-	45	28	8	5	0	0	0	0	4	0	0	0	0	0	0	-	-	-	
Burlingham ...	99	27	21.3	11.7	16.5	-	27.1	11	6.6	17	-	-	68	106	41	28	6	3	0	0	0	0	2	0	0	0	0	0	0	7.37	-	-	
Gorleston ...	21-9	4	18.7	13.2	15.9	-0.4	26.2	1	7.9	17	17.6	15.3	102	174	65	28	9	6	0	0	0	0	1	4	0	0	0	0	0	7.10	105	-	
Suffolk																																	
Brooms Barn ...	99	75	22.3	11.9	17.1	-	27.9	11	5.7	18	18.6	16.6	35	-	11	27	6	6	0	0	0	0	2	0	0	0	0	0	0	7.75	-	-	
Honington ...	99	51	22.3	12.0	17.1	-	28.3	11	6.3	18	-	-	29	-	14	28	9	5	0	0	0	0	3	0	0	0	0	0	0	-	-	-	
East Bergholt ...	99	4	22.8	10.6	16.7	-	28.6	11	2.3	19	-	-	23	44	6	27	9	5	-	0	-	-	-	0	0	3	-	-	-	-	-	-	
Wattisham ...	21-9	89	21.5	11.8	16.7	-	27.2	11	5.7	18	-	-	34	57	16	27	9	6	0	0	0	0	3	0	0	0	0	0	0	7.73	-	-	
Lowestoft ...	99	25	19.9	12.7	16.3	-0.1	26.7	15	7.1	17	17.7	15.6	69	117	29	28	9	5	0	0	0	0	3	1	0	0	0	0	0	7.62	113	-	
Cambridge																																	
Boxworth ...	99	44	22.6	11.6	17.1	-	27.9	11	5.0	18	-	-	15	26	10	27	5	3	0	0	0	0	0	2	0	0	0	0	0	-	-	-	
Mepal ...	99	1	22.7	10.9	16.8	-	28.1	11	2.6	18	18.3	-	8	-	7	27	3	1	0	0	0	0	0	0	0	0	0	0	0	7.26	-	-	
March ...	99	2	23.0	12.2	17.6	-	28.6	8, 11	7.2	18	-	-	33	51	14	26	5	3	-	0	-	-	-	0	-	-	-	-	-	-	-	-	
Cambridge																																	
Botanic Gardens ...	99	12	23.0	12.3	17.7	+0.7	28.9	11	5.0	18	18.5	16.2	24	40	15	27	6	4	0	-	0	0	0	0	0	0	0	0	0	-	-	-	
N I A B ...	99	26	22.5	12.2	17.3	+0.4	28.3	8, 11	4.8	18	-	-	16	27	11	27	6	3	0	0	0	0	2	0	0	0	0	0	0	7.69	128	-	
Huntingdon																																	
Monks Wood ...	99	40	22.6	11.1	16.9	-	28.2	8	3.4	18	16.4	14.4	16	-	7	30	5	4	-	0	-	-	-	0	0	0	0	0	0	7.75	-	-	
Wyton ...	21-9	39	22.6	12.3	17.5	-	28.6	11	6.1	18	-	-	17	31	7	30	5	4	0	0	0	0	1	0	0	0	0	0	0	-	-	-	
Bedford																																	
Woburn ...	99	89	22.3	11.0	16.7	+0.4	28.1	11	2.3	18	17.6	14.1	37	59	13	27	6	5	0	0	0	0	2	0	0	0	1	-	0	7.42	124	-	
Silsoe ...	99	61	22.4	11.3	16.9	-	28.2	11	3.3	18	18.9	15.8	14	22	7	27	5	4	0	0	0	0	3	0	0	0	0	0	0	7.36	-	-	
Cardington ...	21-9	28	22.6	11.6	16.6	+0.1	28.4	11	2.0	18	17.5	15.3	22	41	7	26	8	4	0	0	0	0	3	1	0	2	0	0	0	7.23	-	-	
Luton ...	99	159	22.6	11.2	16.9	-	28.0	11	6.2	20	18.7	15.6	33	-	15	30	7	6	-	0	-	-	-	0	0	0	0	0	0	6.78	-	-	
Hertford																																	
Aldenham School ...	99	91	23.6	11.8	17.7	-	29.7	11	4.4	18	18.4	-	16	-	11	27	6	2	0	0	0	0	2	0	0	0	0	0	0	-	-	-	
Garston ...	99	78	22.6	12.0	17.3	-	28.7	11	4.8	18	-	-	27	42	13	4	7	2	-	0	-	-	-	0	0	0	0	0	0	7.55	-	-	
Rothamsted ...	99	128	22.0	11.6	16.8	+0.7	28.0	11	4.0	18	16.2	13.5	15	22	11	27	7	3	0	0	0	0	2	0	0	0	0	0	0	7.17	120	-	
St Albans ...	99	83	22.3	11.8	17.1	+0.6	28.5	11	4.4	18	17.4	-	19	32	11	27	7	3	0	0	0	0	1	0	0	1	-	0	7.62	-	-		
Letchworth ...	99	84	23.5	11.4	17.5	-	28.9	11	4.1	20	-	-	17	27	10	27	7	3	-	-	-	-											

Table 3 Summary of daily observations

For meaning of symbols § 5 † § used below see Notes in the Introduction.

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District, county and place	max. temp. 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more														
4 MIDLAND COUNTIES — continued																																
Yorkshire W Riding — continued																																
Huddersfield	§	99	99	22.1	12.1	17.1	-	27.2	8	6.0	13	(16.9)	14.6	71	110	36	27	8	8	-	0	-	-	-	1	0	0	0	0	6.62	129	-
Huddersfield Oakes	...	21-9	235	21.9	11.4	16.7	+1.3	27.8	8	6.3	18	16.3	13.0	76	99	23	27	9	9	0	0	0	0	4	6	0	1	0	0	6.62	129	-
Bradford	...	99	134	20.9	11.7	16.3	+0.7	26.2	8	6.7	13, 18	16.1	14.1	40	54	10	27	9	7	0	0	0	0	5	1	0	0	0	0	6.67	123	§
Ilkley	...	99	96	21.2	11.4	16.3	+0.6	27.2	8	6.1	13, 18, 19	-	-	47	61	9	25	10	8	0	0	0	0	4	0	0	-	-	0	-	-	-
Sheffield	...	99	131	22.1	(12.8)	(17.5)	+1.2	27.7	8	7.5	13	17.3	14.7	86	123	32	27	9	9	0	0	0	0	5	-	0	0	-	1	6.68	125	-
Pontefract	...	99	78	21.2	12.1	16.7	+0.8	25.4	8	7.6	18	-	-	43	70	16	30	9	8	0	0	0	0	2	3	0	0	0	0	-	-	-
Bramham	...	99	54	21.5	10.2	15.9	-	26.0	8	4.3	18	-	-	-	-	-	-	-	-	0	0	0	1	3	1	0	0	0	0	-	-	-
Cawood	...	99	6	21.6	10.9	16.3	-	26.2	11	3.3	18	16.6	15.3	74	114	29	23	9	7	0	0	0	1	5	1	0	0	0	0	-	-	-
Askham Bryan	...	99	34	21.7	11.2	16.5	-	26.7	8	5.5	18	-	-	40	61	16	30	8	6	0	0	0	0	2	1	0	0	0	0	6.63	125	-
Derby																																
Buxton	...	99	307	19.8	10.9	15.3	+1.0	24.7	8	4.6	18	16.8	13.1	24	24	8	30	7	5	0	0	0	0	2	0	0	0	0	0	-	-	-
Mackworth	...	99	89	22.0	11.2	16.6	-	26.1	11	5.7	17	-	-	52	-	20	4	7	7	-	0	-	-	-	0	0	-	-	-	-	-	-
Belper	...	99	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ashover	...	99	186	21.6	11.2	16.4	-	27.2	11	4.9	18	-	-	41	-	17	22	8	7	0	0	0	0	5	3	0	0	0	0	7.33	-	-
Derby	...	99	48	22.6	12.7	17.7	-	28.1	11	6.7	18	-	-	73	108	26	4	9	9	0	0	0	0	3	0	0	0	0	0	7.07	-	-
Morley	...	99	107	22.3	10.8	16.5	-	26.5	11	5.0	18, 19	-	-	68	95	18	4	8	8	-	0	-	-	-	1	0	1	-	-	7.20	-	-
Wingerworth	...	99	126	21.4	9.9	15.7	-	26.0	11	2.3	13, 18	18.4	-	53	-	20	22	8	6	0	0	0	1	5	3	0	3	0	0	6.29	-	-
Nottingham																																
Sutton Bonington	...	99	48	(22.1)	11.1	(16.6)	+0.2	26.9	11	5.2	18	17.2	15.1	51	85	32	4	7	4	0	0	0	0	4	0	0	0	0	0	6.91	126	-
Watnall	...	21-9	117	22.1	12.1	17.1	+1.0	27.0	11	7.2	18	-	-	64	93	36	4	9	6	0	0	1	0	4	0	0	0	0	0	6.93	127	-
Mansfield	...	99	110	21.3	12.3	16.8	+0.6	26.3	11	6.6	13	17.8	-	47	69	20	4	7	7	0	0	0	0	2	0	0	0	0	0	-	-	-
Nottingham	...	99	59	22.6	13.2	17.9	+1.2	27.2	11	8.9	19	18.3	16.0	29	45	10	30	6	5	0	0	0	0	4	0	0	0	0	0	7.42	145	-
Warsop	...	99	46	22.0	10.2	16.1	-	26.8	11	2.2	18	-	-	70	126	22	23	7	7	-	0	-	-	-	1	0	3	-	-	6.78	-	-
Finningley	...	21-9	10	22.8	12.4	17.6	+1.0	29.0	11	6.0	18	-	-	29	51	13	26	7	6	0	0	0	0	4	1	0	0	0	0	6.96	-	-
Leicester																																
Newtown Linford	...	99	119	22.3	11.0	16.7	-	27.2	11	4.6	18	-	-	43	64	24	4	7	6	0	0	0	0	5	0	0	0	0	0	7.09	-	-
Caldecott	...	99	53	22.6	10.5	16.5	-	27.9	11	2.3	13	-	-	25	45	12	30	6	6	-	0	-	-	-	0	0	0	-	-	6.88	-	-
Northampton																																
Bugbrooke Mills	...	99	69	22.6	10.3	16.5	-	27.2	11	3.9	18	15.6	13.8	42	76	16	26	9	6	-	0	-	-	-	0	0	-	-	-	7.66	-	-
Raunds	...	99	59	23.1	11.3	17.2	+0.6	28.7	11	3.2	18	18.4	14.7	23	40	8	30	6	4	0	0	0	0	1	1	0	0	0	0	7.13	127	-
Wittering	...	99	65	22.4	12.1	17.3	+0.8	28.1	11	5.9	18	-	-	19	30	7	30	6	4	0	0	0	0	2	0	0	1	0	0	6.92	-	-
Warwick																																
Birmingham	...	99	137	-	12.4	-	-	-	-	7.1	18	-	-	32	44	13	31	7	4	-	0	-	-	-	1	0	-	-	-	-	-	-
King Edward School	...	21-9	163	22.1	13.1	17.6	+1.4	27.7	11	9.0	17, 18	14.5	-	29	40	13	30	7	3	0	0	1	0	7	0	0	0	0	0	7.28	136	-
Edgbaston	...	99	56	23.4	11.8	17.6	-	28.9	11	6.0	13	-	-	24	-	14	4	7	6	0	0	0	0	4	1	0	0	0	0	7.73	-	-
Luddington	...	99	49	23.4	10.8	17.1	-	28.8	11	4.4	18	18.5	-	29	48	17	4	7	5	0	0	0	0	2	0	0	0	0	0	7.75	-	-
Stratford	...	99	49	23.4	10.8	17.1	-	28.8	11	4.4	18	18.5	-	29	48	17	4	7	5	0	0	0	0	2	0	0	0	0	0	7.75	-	-
Elmdon	...	21-9	96	22.4	11.2	16.8	-	27.4	11	3.9	18	-	-	42	-	30	4	8	6	0	0	0	0	5	0	0	1	0	0	7.59	-	-
Shipston-on-Stour	...	99	111	22.4	12.0	17.2	-	28.3	11	6.1	18	(16.5)	-	29	47	11	27	9	7	0	0	0	0	2	1	0	0	0	0	(7.37)	-	-
Wellesbourne	...	99	47	-	-	-	-	-	-	-	-	-	-	(23)	38	7	27	(6)	(6)	-	-	-	-	-	-	-	-	-	-	6.61	-	-
Moreton Morrell	...	99	85	(23.0)	(11.3)	(17.1)	-	27.9	11	5.0	18	-	-	57	91	15	27	11	9	0	0	0	0	1	1	0	0	0	0	7.95	-	-
Rugby	...	99	117	(23.8)	11.8	(17.8)	+1.6	30.3	30	5.0	13	18.7	16.1	52	82	17	11	9	5	0	0	0	0	2	9	-	0	0	0	-	-	-
Oxford																																
Brize Norton	...	21-9	84	23.1	12.2	17.7	-	28.7	11	6.5	18	-	-	17	-	7	30	6	4	0	0	0	0	3	0	0	0	0	0	-	-	-
Oxford	...	99	63	23.2	13.1	18.1	+1.0	28.8	11	7.2	18	19.4	16.6	37	61	23	27	7	7	0	0	0	0	3	0	0	0	0	0	8.36	142	-
Shirburn Model Farm	...	99	108	23.2	-	-	-	28.4	11	4.7	18	18.8	-	16	-	11	30	4	3	0	0	0	0	2	0	0	2	-	0	-	-	-
Buckingham																																
Medmenham	...	99	30	23.4	10.5	16.9	-	28.9	11	2.3	18	-	-	16	-	7	30	7	4	-	-	-	-	-	0	2	-	-	-	-	-	-
Grendon Underwood	...	99	67	22.8	10.6	16.7	-	28.1	11	2.3	18	16.8	14.4	47	-	25	27	6	5	0	0	0	0	2	-	0	1	-	0	7.95	-	-
Aylesbury	...	99	96	(22.7)	(11.7)	(17.5)	-	28.4	11	4.1	18	-	-	24	36	9	4	4	4	0	0	0	0	2	0	0	0	0	0	(6.96)	-	-
Stafford																																
Keele	...	99	179	20.2	11.7	16.2	-	25.7	8	5.8	17	16.0	13.0	26	33	9	30	7	5	0	0	0	0	3	1	0	0	0	0	6.95	-	§
Oaken	...	99	125	22.1	11.0	16.5	-	26.7	8, 11	5.0	18	17.8	-	59	-	26	30	7	6	-	0	-	-	-	1	0	0	-	-	-	-	§
Stone	...	99	107	21.1	(10.9)	(16.0)	-	26.1	8	4.9	17, 19	-	-	30	41	16	30	7	6	-	0	-	-	-	3	0	4	-	-	6.74	-	-
Penkridge	...	99	101	21.8	(10.9)	(16.3)	-	26.1	8, 11	5.2	17	-	-	33	45	9	27	9	7	-	0	-	-	-	0	0	0	-	-	-	-	-
Shropshire																																
Oswestry	...	99	174	20.8	12.1	(16.5)	-	25.6	8	7.2	18	-	-	37	46	11	30	8	8	0	0	0	0	3	0	0	0	0	0	6.88	-	§
Church Stretton	...	-	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Shrewsbury	...	99	56	22.3	11.8	17.1	+0.8	27.5	11	5.1	18	18.6	16.8	23	40	10	30	8	4	0	-	0	0	3	0	0	0	0	0	7.30	137	-
Shawbury	...	21-9	72	22.0	11.1	16.5	+0.4	26.9	11	4.5	18, 19	-	-	19	30	5	27	8	4	0	0	0	0	0	8	0	3	0	0	7.01	-	-
Clee Hill	...	21-9	504	-	-	-	-																									

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	amount (mm)	date	precip'n	0.2mm or more	1.0mm or more	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																									
5 ENGLAND SE																																			
Greater London																																			
Kensington Palace ...	99	25	23.5	13.9	18.7	+0.7	30.0	11.	8.8	18	19.1	16.9	23	36	12	27	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hampstead ...	99	137	22.6	12.9	17.7	+1.0	28.9	11	7.7	18	-	-	29	44	13	27	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
St James Park ...	99	4	23.6	14.1	18.9	+0.8	30.0	11	10.0	18	-	-	11	18	5	25	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Regents Park ...	99	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
London W/Centre ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Greenwich ...	99	7	23.3	12.9	18.1	-	28.0	8	5.3	19	-	-	22	39	13	27	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Heathrow ...	21-9	25	24.0	13.8	18.9	+1.3	29.7	11	8.3	18	-	-	19	34	11	27	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hampton ...	99	12	23.4	13.7	18.5	-	29.6	11	7.8	18	-	-	22	37	14	27	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wealdstone ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Southgate ...	99	67	22.9	12.8	17.9	-	28.9	11	6.7	18	17.4	-	23	39	13	27	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kew ⁷ ...	¶	21-9	5	22.9	12.0	17.5	-	28.6	11	4.8	18	17.5	15.1	25	40	12	27	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Waddon ...	99	59	23.1	(12.8)	(17.9)	(+0.6)	29.4	11	5.6	18	-	-	22	36	15	27	7	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Addington ...	99	144	22.5	12.6	17.5	+0.8	28.6	11	5.8	18	-	-	34	50	22	28	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromley ...	99	65	22.8	(14.0)	(18.4)	(+0.9)	28.9	11	7.2	18	-	-	20	35	14	27	4	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Surrey																																			
Gatwick ...	21-9	59	23.3	11.0	17.1	+0.3	29.4	11	2.8	18	-	-	14	21	10	27	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Witley ...	99	35	23.6	12.0	17.8	+0.9	29.0	11	4.4	18	18.3	16.4	19	-	12	27	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mickleham ...	99	55	23.1	10.1	16.6	-	28.3	11	2.8	18	18.9	16.4	23	36	12	27	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Kent																																			
Hadlow College ...	99	30	23.4	10.6	17.0	-	29.9	11	2.9	18	17.2	14.7	17	-	10	27	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Gillingham ...	99	4	23.1	13.2	18.1	-	28.1	9	7.6	19	-	-	18	31	10	27	6	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Peckham ...	21-9	29	22.8	10.8	16.8	-	28.3	11	3.6	18	-	-	26	-	20	27	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dungeness ...	21-9	3	20.1	13.0	16.5	+0.2	23.6	5	7.1	18	-	-	33	65	28	27	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Whitstable ...	99	3	21.2	12.6	16.9	-	26.5	15	6.4	17	-	-	41	81	27	27	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Folkestone ...	99	39	20.9	14.0	17.5	-	26.7	9	9.7	17	-	15.3	88	157	27	27	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Elmstone ...	99	9	22.1	11.6	16.9	-	27.1	9	4.9	17, 18	-	-	29	-	12	25	7	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Herne Bay ...	99	31	20.7	12.9	16.8	-	26.1	15	7.3	17	-	-	21	-	17	27	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Dover ...	99	6	20.8	13.8	17.3	+0.5	26.8	9	7.2	17	18.6	16.7	32	53	14	27	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
St. Margaret's Bay ...	21-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Manston ...	21-9	44	20.9	12.7	16.8	-	25.6	8, 15	6.4	17	-	-	45	89	21	27	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Margate ...	¶	99	16	19.9	14.6	17.3	-0.1	25.4	15	10.1	17	(17.9)	15.9	38	-	18	27	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Goudhurst ...	99	85	22.8	10.8	16.8	-	28.4	8	1.9	18	-	-	20	31	18	27	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
East Malling ...	¶ §	99	37	22.7	11.5	17.1	+0.4	28.3	11	4.2	19	17.6	16.0	18	30	10	27	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Thornley ...	99	150	22.3	11.5	16.9	-	26.7	9	5.1	18	17.9	15.2	53	81	30	27	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Faversham ...	99	48	21.6	11.6	16.6	-	26.6	9	4.1	18	17.9	15.9	36	-	26	27	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Wye ...	99	56	21.8	11.8	16.8	+0.2	27.3	9	3.8	18	17.1	15.2	45	71	27	27	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Sussex																																			
Thorney Island ...	21-9	3	22.2	12.8	17.5	-	28.0	9	6.9	18	-	-	18	34	6	27	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rogate ...	99	64	(23.0)	(11.3)	(17.1)	-	28.4	8	5.2	19	18.7	-	15	-	6	27	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bognor Regis ...	99	7	21.2	13.6	17.4	+0.8	27.0	9	8.5	18	-	16.6	23	43	10	27	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Fernhurst ...	99	57	23.5	10.7	17.1	-	29.5	8	4.1	18	18.6	-	30	45	7	27	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Littlehampton ...	99	5	-	-	-	-	-	-	-	-	-	16.6	24	44	10	27	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Rustington ...	99	3	-	-	-	-	-	-	-	-	-	-	-	-	-																				

Table 3 Summary of daily observations

For meaning of symbols ¶ § & S used below see Notes in the Introduction.

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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					
				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		precip'n		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 1931-60 average	exposure	
				max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more														
5 ENGLAND SE — continued																																	
Wiltshire																																	
Lacock ...	99	49	22.8	11.1	16.9	-	28.9	11	4.2	18	-	-	30	47	10	30	9	8	-	0	-	-	-	0	0	0	0	0	-	-	-	-	
Lyneham ...	21-9	145	22.3	12.3	17.3	+1.1	27.8	11	7.1	13	-	-	15	24	7	30	6	3	0	0	0	0	2	0	0	0	0	0	9.30	-	-	-	
Larkhill ...	99	132	23.0	12.0	17.5	+1.5	28.4	11	6.9	13	-	-	19	29	9	28	8	6	0	0	0	0	2	0	0	1	0	0	-	-	-	-	
Boscombe Down ...	21-9	126	22.9	12.2	17.5	+1.3	27.7	8.9	7.5	13	-	-	18	29	6	24	9	5	0	0	0	0	2	0	0	0	0	0	9.39	-	-	-	
Upavon ...	21-9	176	22.8	12.4	17.6	-	28.0	11	7.5	13	-	-	9	15	3	23	6	4	0	0	1	0	2	0	0	0	0	0	-	-	-	-	
Porton ... ¶ §	99	111	22.8	11.2	17.0	+1.0	27.8	8	5.0	18	17.3	-	22	36	15	24	6	5	-	0	-	-	-	0	0	0	0	-	8.71	135	-	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ...	99	13	19.5	11.6	15.5	-	24.0	3	5.5	18	-	-	79	79	23	24	10	9	-	0	-	-	-	1	0	0	0	-	7.79	-	-	-	
Bromfield ...	99	20	20.4	10.2	15.3	-	25.0	8	3.2	18	-	-	69	-	21	24	13	12	0	0	0	0	5	0	0	0	0	-	-	-	-		
Carlisle ...	21-9	26	20.3	11.1	15.7	-	25.6	7	5.4	18	-	-	81	-	27	24	12	12	0	0	0	0	3	1	0	0	0	0	7.04	-	-	-	
Newton Rigg ¶ §	99	171	19.8	10.6	15.2	+0.5	26.1	8	4.5	18	16.8	-	99	127	46	24	13	13	-	0	-	-	-	0	0	0	0	-	6.90	140	-	-	
Westmorland																																	
Great Dun Fell ...	21-9	847	14.1	7.9	11.0	-	20.5	7	2.5	16	-	-	-	-	-	-	-	-	-	0	-	-	-	13	0	-	-	6.20	-	-	-		
Moor House ...	99	556	16.8	7.7	12.3	-	22.8	7	-0.9	18	12.7	-	64	34	21	24	12	8	-	0	-	-	-	2	1	6	-	7.35	-	-	-		
Lancashire																																	
Squires Gate ...	21-9	10	20.0	11.9	15.9	+0.2	26.3	8	4.4	18	-	-	51	69	9	2	9	9	0	0	0	0	6	0	0	0	0	0	7.74	130	-	-	
Aigburth ...	99	14	20.8	13.5	17.1	-	27.1	8	9.6	17	-	-	46	-	15	26	9	8	0	0	0	0	5	0	0	0	0	0	7.74	-	-	-	
Southport ...	99	5	20.1	11.7	15.9	-	27.2	8	6.2	13	17.6	12.8	43	58	16	24	9	6	-	0	-	-	-	0	0	0	-	7.72	-	-	-		
Cartmel ...	99	34	20.4	11.3	15.9	-	26.6	8	3.3	17	-	-	104	-	32	1	13	12	0	0	0	0	2	0	0	-	-	-	-	-	-		
Grizedale ...	99	91	20.3	9.8	15.1	-	25.6	8	2.4	17	16.2	-	94	-	19	2	13	11	0	0	0	0	1	0	0	5	-	-	-	-	-		
Speke ...	21-9	22	21.7	12.9	17.3	+1.3	27.9	8	8.1	18	-	-	27	36	5	30	9	8	0	0	0	0	5	0	0	0	0	0	7.60	-	-	-	
Kirkham ...	99	24	20.3	11.4	15.9	-	26.8	8	5.6	19	-	-	53	62	13	23	9	6	0	0	1	0	5	0	0	0	0	0	7.29	-	-	-	
Bailrigg ...	99	53	19.9	11.5	15.7	-	26.0	8	5.7	17	-	-	51	-	10	23	8	7	-	0	-	-	2	0	0	-	-	6.92	-	-	-		
Morecambe ...	99	7	20.4	13.6	17.0	+1.0	26.0	8	8.8	17.19	-	-	47	56	12	24	7	6	0	0	0	0	2	0	0	-	-	7.63	134	-	-		
Preston ...	99	33	20.7	11.6	16.1	-	27.1	8	4.6	17	-	-	49	54	15	23	8	7	0	0	1	0	3	0	0	0	-	-	-	-	-		
Bolton ...	99	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stonyhurst ¶ §	99	115	-	11.2	-	-	-	-	6.1	19	-	-	91	88	29	23	9	7	-	0	-	-	-	0	0	-	-	6.56	129	-	-	-	
Manchester W/Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.17	-	-	-	-		
Helmshore ...	99	260	19.6	11.2	15.4	-	25.7	8	5.8	17	14.3	-	60	49	18	24	8	7	-	0	-	-	-	1	0	0	-	7.17	-	-	-	-	
Burnley ...	99	200	19.2	11.6	15.4	-	26.7	8	7.3	16.17	15.4	13.3	82	-	23	23	9	7	0	0	0	0	4	0	0	0	-	6.80	-	-	-	-	
Nelson ... §	99	165	20.2	10.9	15.5	-	27.2	8	6.0	19	16.4	13.4	91	98	25	23	9	8	-	0	-	-	-	0	0	0	-	7.38	-	-	-	-	
Rochdale ...	99	110	21.3	10.9	16.1	-	27.2	8	4.7	19	-	-	51	52	22	30	8	6	0	0	0	0	1	1	0	0	-	7.25	-	-	-	-	
Cheshire																																	
West Kirby Park ...	99	8	20.9	13.2	17.1	-	27.3	8	8.8	18	-	-	98	140	27	24	10	9	-	0	-	-	-	-	0	0	-	7.18	-	-	-	-	
Bidston ... ¶ §	99	60	20.2	13.4	16.8	+1.1	27.7	8	10.3	18	-	-	49	70	13	24	9	6	0	-	1	0	4	2	0	0	-	7.50	131	-	-	-	
Ness Gardens ...	99	55	21.0	12.4	16.7	-	26.7	8	7.4	19	-	-	35	-	21	3	9	6	0	0	0	0	4	1	0	0	-	6.78	-	-	-	-	
Winnington ...	99	20	22.4	12.8	17.6	-	27.8	8	8.1	17.18	-	-	22	32	9	30	7	5	0	0	0	0	1	0	0	0	-	-	-	-	-	-	
Knutsford ...	99	65	22.5	11.8	17.1	-	27.9	8	5.9	18	17.9	15.4	42	53	23	30	8	5	-	0	-	-	-	-	0	0	-	-	-	-	-	-	
Ringway ... ¶ §	21-9	75	21.5	12.8	17.1	+1.2	26.7	8	7.7	17	-	-	37	47	25	30	8	4	0	0	0	0	3	0	0	0	0	0	7.40	149	-	-	-
Macclesfield ...	99	152	21.4	12.3	16.9	+1.2	27.2	8	6.7	17.19	-	-	23	25	10	30	6	4	0	0	0	0	2	0	0	-	-	-	-	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl ...	99	9	19.5	12.3	15.9	+0.1	28.3	7	6.2	18	-	-	64	121	21	23	9	9	0	0	0	0	3	0	0	0	-	7.47	130	-	-	-	
Prestatyn ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hawarden Bridge ...	99	5	22.0	12.1	17.1	+0.8	27.3	8	5.6	18	-	-	41	64	21	3	9	6	0	0	0	0	3	0	0	-	0	-	-	-	-	-	
Anglesey																																	
Valley ... ¶ §	21-9	10	19.6	12.3	15.9	+0.8	25.5	8	6.0	18	-	-	45	70	15	30	8	6	0	0	0	0	4	1	0	0	0	8.79	146	-	-	-	
Denbigh																																	
Colwyn Bay ...	99	24	19.6	13.4	16.5	-	26.1	8	8.2	18	-	-	50	-	13	23	9	9	0	0	0	0	5	0	0	-	0	8.55	148	-	-	-	
Alwen ...	99	335	20.0	7.8	13.4	-	24.4	8	1.1	18	-	-	67	-	24	24	10	10	-	-	-	-	-	0	5	-	-	-	-	-	-	-	
Ruthin ...	99	76	20.7	10.5	15.6	-	25.8	8	4.3	19	-	-	60	-	14	24	8	7	-	0	-	-	-	0	0	-	-	7.13	-	-	-	-	
Loggerheads ...	99	210	20.0	10.0	15.0	-	25.6	8	4.4	19	15.6	14.1	135	-	97	3	9	7	0	0	0	0	3	1	0	0	-	-	-	-	-	-	
Bwlchgwyn ...	99	386	18.9	10.8	14.9	-	24.0	8	5.7	17	13.2	-	68	77	17	30	10	9	0	0	0	0	3	0	0	1	-	-	-	-	-	-	
Wrexham ...	99	88	21.3	10.1	15.7	-	25.2	30	(2.8)	(18)	-	15.0	31	46	9	3	9	7	0	0	0	0	0	0	0	0	-	-	-	-	-	-	
Caernarvon																																	
Bardsey Island ...	21-9	18	17.4	12.9	15.1	-	22.4	8	9.6	18	-	-	63	-	27	30	8	7	-	0	-	-	-	1	0	0	0	-	-	-	-	-	
Botwnnog ... §	99	34	20.1	11.9	16.0	-	25.7	8	6.4	18	18.4	15.7	38	-	19	30	7	6	0	0	0	0	2	0	0	0	-	8.31	-	-	-	-	
Pen-y-Ffridd ...	99	84	21.0	11.7	16.3	-	26.5	8	5.8	18	-	-	48	54	19	23	6	6	-	0	-	-	-	0	0	-	-	7.07	-	-	-	-	
Aber ...	99	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Merioneth																																	
Trawsfynydd ...	99	186	20.2	11.6	15.9	-	25.7	8	5.6	18	-	-	85	-	24	25	9	8	-	0	-	-	-	0	0	2	-	-	-	-	-	-	
Bala ...	99	163	20.7	-	-	-	25.8	8	0.9	18	17.9	15.8	70	-	23	30	11	8	0	0	0	0	4	0	0	0	-	7.35	-	-	-	-	
Corwen ...	99	144	21.1	9.4	15.3	-	26.3	8	0.6	18	-	-	53	68	15	24	11	9	0	0	0	0	2	-	0	1	-	-	-	-	-	-	
Montgomery																																	
Ceinws ...	99	61	22.6	11.4	17.0	-	28.0	8.9	3.0	18	-	-	71	-	35	30	7</																

For meaning of symbols \S \S \pm \S used below see Notes in the Introduction.

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Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

JULY 1971

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'n		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 1931-60 average	exposure
max. (a)	min. (b)	max.	date	min.	date																												
NORTHERN IRELAND — continued																																	
Londonderry — continued																																	
Garvagh Forest ...	99	88	13.8	9.9	14.3	-	24.7	7	3.3	18	15.5	12.4	91	-	31	24	14	13	0	0	0	0	4	0	0	2	-	-	-	-	-		
Moneydig ...	21-9	34	19.1	10.0	14.5	0.0	25.0	7	2.4	18	16.5	-	88	89	27	3	12	11	0	0	0	0	4	0	0	5	0	0	-	-	-		
Traad Point ...	99	16	-	-	-	-	-	-	-	-	-	-	67	-	14	20	12	12	0	-	0	0	1	-	-	-	-	-	5.25	-	-		
Antrim																																	
Ballymoney ...	99	55	19.3	10.3	14.8	-	25.1	7	3.5	18	-	-	79	-	21	31	13	11	-	-	-	-	-	0	-	-	-	-	-	-	-		
Lisnafillan ...	99	38	19.8	9.6	14.7	-	26.1	6	2.8	13, 17, 18	-	-	73	-	19	26	12	10	0	0	0	0	0	0	0	0	-	-	6.11	-	-		
Aldergrove ¶ §	21-9	68	19.5	11.2	15.3	+0.6	25.3	7	5.5	17	16.3	12.7	82	91	18	31	13	10	0	0	0	0	2	0	0	1	0	0	6.51	148	-		
Greenmount ...	99	32	19.6	10.4	15.0	-	24.9	7	4.3	10	17.1	-	84	-	14	31	12	11	0	0	0	0	1	-	0	0	-	-	-	-	-		
Altnahinch ...	99	226	17.1	9.8	13.5	-	23.7	7	2.2	18	-	-	73	-	11	25	16	13	0	0	0	0	0	3	0	3	-	0	5.28	-	-		
Parkmore Forest ...	99	235	16.6	9.6	13.1	-	22.9	7	4.1	18	14.1	-	77	54	13	22	14	12	0	0	0	0	0	3	0	3	-	0	-	-	-		
Black Mountain ...	21-9	295	17.4	9.4	13.4	-	22.1	7	4.2	17	-	-	63	-	19	24	13	11	0	0	0	0	0	4	0	-	-	-	-	-	-		
Lowtown ...	99	271	17.5	9.0	13.3	-	22.2	7	3.3	18	13.6	-	45	-	8	4	11	9	0	0	0	0	0	0	0	0	-	0	4.99	-	-		
Ballypatrick Forest ...	99	152	16.9	9.4	13.1	-	24.8	7	3.6	10	-	-	57	53	13	22	15	13	0	0	0	0	0	0	0	0	-	0	4.10	-	-		
Belfast Malone ¶	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Newtownabbey ...	99	32	19.3	11.7	15.5	-	24.3	7	7.4	18	16.8	-	66	-	18	31	12	10	0	0	0	0	0	2	0	0	0	-	0	6.14	-	S	
Woodburn North ...	99	217	17.6	9.2	13.4	-	21.8	10	3.3	10	-	-	87	84	24	25	14	11	0	0	0	0	1	9	0	0	-	0	-	-	-		
Larne ...	99	43	19.5	10.9	15.2	-	23.8	8	5.1	18	-	-	52	60	12	22	11	10	0	0	0	0	0	0	0	-	-	-	-	-	-		
Kilroot ...	99	22	18.6	10.4	14.5	-	23.2	8	4.5	18	-	-	48	-	10	30	12	11	0	0	0	0	0	0	0	-	-	-	-	-	-		
Ballylumford ...	99	24	18.4	10.9	14.7	-	22.5	1	5.6	10, 18	-	-	108	-	25	30	11	10	-	0	0	0	0	-	0	-	-	-	-	-	-		
Down																																	
Hillsborough §	99	116	18.8	10.3	14.5	+0.2	23.8	7	4.2	17	15.4	12.8	41	53	9	30	12	9	0	0	0	0	2	0	0	2	-	0	6.64	147	-		
Kilkeel ...	21-9	18	18.2	11.2	14.7	0.0	22.8	11	5.3	17	-	-	41	-	13	23	9	7	0	0	0	0	0	0	0	0	0	-	0	7.54	-	-	
Tollymore Park ...	99	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Rosetta ...	99	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Murlough ...	99	9	18.9	9.7	14.3	-	23.7	11	3.8	18	16.1	13.8	76	-	31	31	12	11	0	0	0	0	1	0	0	3	-	0	7.26	-	-		
Belfast Rosebank ...	99	47	20.2	11.5	15.9	-	24.5	7	6.0	18	-	-	55	-	21	4	11	10	-	0	-	-	-	-	0	-	-	-	-	-	-		
Stormont Castle ...	99	56	19.4	11.1	15.3	-	24.1	10	5.6	10	16.7	14.3	98	118	49	4	12	11	0	0	0	0	1	0	0	0	-	0	6.37	-	-		
Downpatrick ...	99	26	19.7	10.4	15.1	-	24.0	8	3.9	17	-	-	51	-	11	3	11	9	0	-	0	0	0	1	0	3	-	0	-	-	-		
Creightons Green ...	99	119	18.1	10.7	14.4	-	22.8	8	5.5	10	-	-	76	-	27	4	12	11	0	0	0	0	1	0	0	0	-	0	-	-	-		
Reagh Island ¹⁰ ...	99	12	19.4	11.1	15.3	-	22.9	8	6.1	18	-	-	41	-	11	3	10	9	-	-	-	-	1	-	0	0	-	-	6.46	-	-		
Helens Bay ...	99	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Killough ...	21-9	15	17.3	10.4	13.9	-	21.9	11	4.9	17	-	-	41	-	15	3	11	7	0	0	0	0	1	3	0	0	0	-	-	-	-		
Ballywalter Park ...	-	11	-	-	-	-	-	-	-	-	-	-	43	57	13	31	10	8	-	-	-	-	-	-	-	-	-	-	6.74	-	-		
Armagh																																	
Armagh ¶ §	99	62	20.6	11.0	15.8	+0.7	25.9	7	4.1	17	17.8	15.6	54	65	13	30	11	11	0	0	0	0	2	0	0	1	-	0	5.37	130	-		
Loughgall ...	99	25	19.7	10.4	15.1	-	24.7	7	3.2	13	-	-	49	64	10	30	12	10	0	0	0	0	2	0	0	4	-	0	6.05	-	-		
Tandragee ...	99	43	20.5	10.6	15.5	-	25.5	7	4.5	17	-	-	65	-	15	26	12	12	-	-	-	-	-	-	-	-	-	-	-	-	-		
Bessbrook ...	-	76	-	-	-	-	-	-	-	-	-	-	55	60	17	30	11	10	-	-	-	-	-	-	-	-	-	-	6.38	137	-		
Portadown ...	99	16	20.2	10.8	15.5	-	25.8	7	4.2	13	17.3	15.2	70	-	24	26	11	10	0	-	0	0	-	0	1	-	0	-	-	-	-		
Lurgan ...	99	55	20.3	10.9	15.6	-	25.2	7	4.4	18	16.7	14.6	59	-	17	26	12	10	-	-	-	-	-	-	0	-	-	-	6.17	-	-		
Tyrone																																	
Lough Bradan ...	99	169	18.5	9.6	14.1	-	24.5	7	2.6	18	-	-	48	-	13	3	13	11	-	0	-	-	-	0	0	0	-	-	4.94	-	S		
Baronscourt Forest ...	99	88	19.1	10.5	14.8	-	25.7	7	3.0	17	-	-	42	-	13	3	12	8	0	0	0	0	2	0	0	2	-	-	-	-	-		
Strabane Convent ...	99	44	19.8	10.9	15.3	-	27.5	7	3.0	17	-	-	51	-	17	3	14	9	0	0	0	0	2	0	0	0	-	0	4.88	-	-		
Carrigans ...	21-9	113	19.3	10.3	14.8	-	25.1	7	2.8	17	-	-	62	-	19	25	12	11	0	0	0	0	4	0	0	1	0	-	-	-	-		
Lislap Forest ...	99	209	18.0	8.4	13.2	-	24.1	7	-1.1	17	15.9	-	56	50	10	22	13	10	-	0	-	-	-	0	1	1	-	-	-	-	-		
Knockmany Forest ...	99	73	19.3	9.1	14.2	-	24.8	7	1.4	13	-	-	43	46	8	22	12	10	0	0	0	0	2	1	0	5	-	0	-	-	-		
Pomeroy Forest ...	99	165	19.0	9.8	14.4	-	23.9	7	3.5	18	16.1	-	45	-	13	22	12	9	0	0	0	0	1	2	0	2	-	0	-	-	-		
Cookstown ...	99	77	19.3	10.3	14.8	-	24.5	7	4.9	17	16.0	-	100	115	26	3	13	12	0	-	0	0	0	0	0	0	-	-	4.88	-	-		
Fermanagh																																	
Roscor ...	99	143	18.4	10.7	14.5	-	24.8	7	4.7	17	-	-	104	96	33	23	17	14	0	0	0	0	4	0	0	1	-	0	-	-	-		
Lough Navar Forest ...	99	148	19.0	8.9	13.9	-	25.0	7	1.5	17	-	-	53	-	11	3	12	11	0	0	0	0	2	0	0	0	-	0	-	-	-		
Castle Archdale ...	99	66	18.8	10.6	14.7	+0.1	24.4	7	2.0	17	16.4	13.8	52	56	13	25	13	10	0	0	0	0	0	0	0	0	-	0	5.06	118	-		
Lisnaskea ...	99	49	19.9	10.3	15.1	-	25.6	7	1.2	17	-	-	29	-	12	3	10	7	0	-	0	0	1	0	0	1	-	0	4.72	-	-		
Pubble Forest ...	99	91	18.9	10.4	14.7	-	24.5	7	1.7	17	-	-	56	-	14	25	15	10	-	0	-	-	-	0	0	0	-	-	-	-	-		
CHANNEL ISLES																																	
Guernsey Airport	21-9	104	20.7	13.5	17.1	+1.0	28.5	11	10.4	17	17.3	15.1	12	22	6	27	5	3	0	0	1	0	1	1	0	0	0	0	10.63	-	-		
Guernsey L'Ancresee	99	5	21.6	13.3	17.5	-	27.6	8	9.7	19	-	-	16	-	10	27	5	3	0	-	0	0	1	-	0	-	-	0	10.99	-	-		
Alderney ...	99	88	19.4	12.9	16.1	-	26.6	11	9.1	15	17.9	-	36	-	25	27	4	4	0	0	0	0	0	3	0	-	-	0	9.97	-	-		
Jersey Airport ...	99	83	22.1	14.1	18.1	-	29.5	9	11.6	19	19.3	15.9	16	31	6	24	5	5	0	-	0	0	2	1	0	0	0	0	10.73	-	-		
Jersey St. Helier ...	99	55	22.9	14.2	18.5	-	29.8	8	11.7	20	-	-	31	-	16	24	6	4	0	-	0	0	0	0	0	0	-	0	10.99	-	-		
Jersey Gorey Castle	-	-	-	-	-																												

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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
number of observations																																						
6a SCOTLAND W -continued																																						
Prestwick [Ayrshire]																																						
21	3	1019.8	-	11.5	0.7	12.6	91	5.0	0	8	5	12	6	0	0	0	0	0	0	6	11	8	6	0	0	2	23	6	1	1	6	7	1	3	2	4		
	9	1019.9	+7.3	15.5	2.2	13.7	77	5.7	1	5	4	14	7	0	0	0	0	0	1	6	6	8	9	0	0	5	25	1	0	0	0	4	3	11	5			
	15	1019.4	-	17.4	3.0	14.0	70	5.4	0	5	8	13	5	0	0	0	0	0	1	4	7	8	11	0	0	6	25	0	0	0	4	1	0	19	6			
	21	1019.6	-	14.3	1.4	13.9	85	4.9	0	9	5	15	2	0	0	0	0	0	1	6	7	8	9	0	0	6	22	3	1	2	4	3	1	3	4	10		
Eskdalemuir [Dumfriesshire] 12																																						
237	3	1020.2	-	9.7	0.6	11.3	92	5.5	3	4	4	11	9	0	0	0	2	0	4	4	9	7	4	1	0	0	1	13	17	5	2	1	1	1	2	1		
	9	1020.0	+7.5	14.1	2.0	12.9	80	6.0	0	5	5	6	15	0	0	0	0	1	0	2	9	5	12	2	0	0	5	24	2	2	2	4	6	3	2	3		
	15	1019.0	-	17.3	3.4	13.8	70	5.5	0	5	6	16	4	0	0	0	0	0	1	4	11	7	8	0	2	3	25	1	0	5	3	0	5	10	4			
	21	1019.7	-	13.1	1.4	13.1	86	4.4	2	12	2	6	9	0	0	0	0	0	0	4	7	5	15	0	0	2	21	8	4	4	0	0	2	4	3	5		
Mull of Galloway [Wigtownshire]																																						
79	3	1019.4	-	12.2	0.7	13.2	92	4.6	4	7	5	2	12	1	0	0	1	0	0	2	4	7	2	15	0	0	14	13	4	7	0	5	0	6	2	3		
	9	1020.0	-	14.4	1.4	14.0	85	5.5	1	2	10	8	7	3	0	1	0	4	1	0	3	5	12	5	0	1	13	13	4	5	0	5	2	4	2	5		
	15	1019.8	-	16.1	2.0	14.5	79	4.9	4	5	7	3	9	3	0	1	0	3	2	0	3	3	13	6	0	3	12	15	1	0	0	1	3	8	7	3		
	21	1019.5	-	13.1	1.1	13.3	88	4.0	8	4	7	4	7	1	0	0	2	1	0	3	2	3	15	5	0	3	12	10	4	9	0	3	1	4	5	3		
6b ISLE OF MAN																																						
Ronaldsway																																						
21	3	1019.9	-	12.4	1.2	12.3	85	4.9	0	11	3	8	8	1	0	0	1	0	1	3	6	3	3	14	0	0	6	21	4	7	2	5	0	3	1	1		
	9	1020.4	+6.7	15.5	2.0	13.9	78	5.6	1	4	6	11	8	1	0	0	0	1	1	3	5	3	6	12	0	0	6	24	1	3	0	7	2	5	6	4		
	15	1020.1	-	17.3	3.2	13.7	69	4.8	1	8	4	15	3	0	0	0	0	1	1	1	6	6	3	13	0	0	8	23	0	1	5	4	9	4	2	5		
	21	1020.0	-	14.2	1.8	13.0	80	4.9	1	10	1	13	4	2	0	0	2	1	0	1	4	5	5	13	0	0	7	19	5	7	5	1	2	3	1	4		
Point of Ayre																																						
9	3	1019.7	-	12.8	0.6	13.9	93	4.2	2	13	4	3	9	0	0	0	0	1	1	0	2	4	9	14	0	0	9	17	5	1	0	2	6	1	2	6		
	9	1020.1	-	15.6	1.4	15.2	86	5.0	2	3	12	6	8	0	0	0	0	2	1	2	5	9	7	10	0	0	11	16	4	4	0	3	6	2	2	6		
	15	1020.0	-	17.8	2.5	15.5	76	4.5	1	6	15	5	4	0	0	0	0	1	2	1	5	6	7	9	0	1	9	20	1	0	2	0	7	2	2	10		
	21	1019.8	-	14.3	0.8	14.8	91	4.7	2	9	5	8	5	2	0	0	2	0	1	0	3	6	8	11	0	1	7	17	6	0	1	3	4	2	3	3		
2 ENGLAND NE																																						
Acklington [Northumberland]																																						
46	3	1019.7	-	11.3	0.4	12.8	95	5.5	3	4	4	7	10	3	0	2	1	0	1	2	9	9	3	4	0	0	2	22	7	4	2	1	1	4	10	1		
	9	1019.6	+7.1	16.0	2.0	14.6	80	5.2	3	5	5	9	9	0	0	0	0	1	1	3	6	7	7	6	0	1	6	23	1	8	1	2	6	5	1	6		
	15	1019.2	-	17.6	2.7	14.9	74	4.8	3	6	6	9	7	0	0	0	0	0	1	3	3	10	5	9	0	1	13	17	0	1	3	9	9	2	2	4		
	21	1019.5	-	13.7	0.8	14.3	90	4.9	1	6	9	9	5	1	0	0	1	0	2	2	6	12	2	6	0	0	1	25	5	3	2	3	1	6	1	7		
Tynemouth [Northumberland]																																						
40	3	1020.1	+7.1	14.8	1.4	14.4	85	5.3	4	1	9	5	11	1	0	0	0	2	2	3	10	7	7	0	0	1	12	15	3	5	3	2	4	5	1	7		
	9	1019.7	-	15.9	1.5	15.2	85	5.0	4	3	8	7	8	1	0	1	0	0	2	2	6	10	9	1	1	0	14	15	1	5	3	3	9	5	0	5		
	15	1019.8	-	15.1	1.1	15.2	88	5.4	2	5	5	11	8	0	0	0	0	1	3	9	11	7	0	0	0	0	10	11	10	0	1	1	1	7	0	11		
	21	1019.8	-	15.1	1.1	15.2	88	5.4	2	5	5	11	8	0	0	0	0	1	3	9	11	7	0	0	0	0	10	11	10	0	1	1	1	7	0	11		
Seahouses [Northumberland]																																						
12	3	1019.5	-	12.3	0.9	12.8	89	5.3	4	4	5	6	12	0	0	0	1	3	1	0	5	10	7	4	0	1	4	25	1	2	4	3	4	5	0	6		
	9	1019.9	-	15.1	1.9	13.7	80	4.8	4	6	5	7	8	1	0	0	0	2	6	8	5	8	0	2	0	2	11	18	0	6	6	6	3	3	0	7		
	15	1019.3	-	16.5	2.4	14.3	76	4.4	3	7	10	6	5	0	0	0	0	2	1	1	8	2	11	6	0	1	5	25	0	6	5	6	8	3	1	2		
	21	1019.3	-	14.4	1.5	13.7	84	4.4	2	8	9	8	8	1	0	0	0	3	1	1	4	7	10	5	0	0	3	27	1	1	2	5	2	11	1	6		
Leeming [Yorkshire N.R.]																																						
33	3	1020.1	-	12.3	0.7	13.2	91	4.6	5	6	5	4	9	2	0	3	0	2	3	7	4	2	6	4	0	0	0	23	8	6	2	2	2	4	2	2		
	9	1020.3	+6.8	16.5	2.3	14.5	77	5.3	2	4	8	9	8	0	0	0	0	1	4	12	2	4	8	0	0	0	8	22	1	7	2	1	4	10	1	4		
	15	1019.4	-	20.8	4.4	15.1	62	4.9	2	7	4	14	4	0	0	0	0	0	0	1	8	6	4	12	0	1	8	22	0	5	7	1	2	10	2	3		
	21	1019.9	-	16.1	1.9	14.9	81	5.2	1	8	1	15	6	0	0	0	0	1	5	8	3	5	9	0	0	0	3	24	4	4	4	0	1	8	2	4		
Whitby Coastguard [Yorkshire N.R.]																																						
66	3	1019.8	-	12.7	0.6	13.9	94	5.1	1	9	3	7	8	3	0	1	0	2	1	2	11	12	2	0	0	0	11	15	5	1	0	1	1	8	7	2		
	9	1020.0	-	15.3	1.4	14.9	86	5.7	1	3	8	8	10	1	0	1	0	2	3	2	6	12	3	2	0	1	12	13	5	1	1	6	3	2	4	1		
	15	1019.7	-	16.6	1.7	15.7	83	5.2	2	7	5	6	9	2	0	1	1	1	0	2	9	10	4	3	0	1	16	9	5	3	2	4	9	1	3	1		
	21	1019.6	-	15.0	1.1	15.1	88	5.3	2	4	9	5	8	3	1	1	0	1	0	2	10	14	1	1	0	0	9	17	5	4	1	3	3	9	3	2		
Kilnsea [Yorkshire E.R.]																																						
16	3	1019.8	-	13.4	0.6	14.4	93	4.9	2	9	4	7	9	0	0	0	1	0	1	2	12	15	0	0	0	0	14	13	4	5	1	1	4	3	3	5		
	9	1020.2	+6.3	15.6	1.6	14.9	84	5.4	0	6	8	10	7	0	0	0	1	0	4	6	10	10	0	0	0	1	15	12	3	7	3	1	4	3	2	3		
	15	1019.7	-	17.1	2.2	15.4	79	4.5	1	7	9	10	3	1	0	1	1	1	1	3	8	17	0	0	0	2	19	10	0	3	3	6	11	3	0	3		
	21	1019.7	-	14.8	1.1	14.8	87	5.5	1	4	9	7	10	0	0	0	1	0	3	5	8	14	0	0	0	0	20	8	3	5	2	2	7	8	0	2		
Waddington [Lincolnshire]																																						
69	3	1019.9	-	13.1	0.6	14.1	92	4.8	1	11	2	7	9	1	0	1	1	3	7	10	5	3	0	0	0	0	1	30	0	4	2	3	3	1	7	7		
	9	1020.4	+6.1	16.8	2.2	15.1	79	5.0	2	6	6	12	5	0	0	0	0	0	0	6	9	12	5	1	0	0	6	25	0	6	4	3	1	3	3	8		
	15	1019.4	-	21.0	4.8	14.8	59	4.8	0	6	10	13	2	0	0	0	0	0	0	6	9	11	5	0	0	7	24	0	4	2	1	6	2	6	4			
	21	1019.9	-	15.4	1																																	

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction

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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 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	8 or more	6, 7									4, 5	1-3	calm					
																																							speed (kt)				
																																							22-33	11-21	1-10	0	
number of observations																																											
3 ENGLAND E - continued																																											
Wattisham [Suffolk]																																											
91	3	1019.9	-	12.6	0.5	13.8	94	4.8	5	3	7	10	4	2	0	2	0	3	2	9	6	6	3	0	0	0	1	27	3	5	2	3	1	6	3	4	4						
	9	1020.3	-	17.3	2.6	14.8	75	4.6	6	3	7	10	4	0	0	0	0	0	0	6	7	13	5	0	0	0	6	24	1	5	3	5	1	3	6	4	3						
	15	1019.6	-	20.4	4.5	14.6	61	5.1	1	6	7	12	5	0	0	0	0	0	0	6	7	13	5	0	0	0	6	24	1	5	3	5	1	3	6	4	3						
	21	1020.0	-	15.1	1.7	14.2	82	3.5	6	9	7	5	4	0	0	0	1	0	0	5	11	5	8	1	0	0	1	29	1	3	6	5	6	2	1	4	2						
Aldeburgh [Suffolk]																																											
9	3	1020.3	-	-	-	-	-	5.0	5	2	8	4	11	1	0	0	1	0	2	3	16	9	0	0	0	0	7	23	1	3	8	3	7	2	0	4	3						
	9	1019.9	-	-	-	-	-	4.6	7	1	8	8	6	1	0	1	0	0	1	3	13	13	0	0	0	3	15	13	0	2	12	5	3	7	2	4	1						
	15	1019.8	-	-	-	-	-	4.2	3	10	5	6	7	0	0	0	1	0	0	0	9	21	0	0	0	0	6	21	4	5	3	3	2	5	2	3	3						
Wyton [Huntingdonshire]																																											
43	3	1020.1	-	13.3	0.7	14.2	92	4.7	4	5	6	9	7	0	0	1	0	2	3	8	10	7	0	0	0	0	1	25	5	2	2	2	5	4	1	8							
	9	1020.7	-	16.9	2.3	14.9	77	5.8	2	1	9	11	8	0	0	0	0	0	0	8	5	18	2	0	0	0	1	22	3	2	4	2	1	5	4	2	2						
	15	1019.7	-	21.4	4.7	15.4	61	5.8	0	3	8	15	5	0	0	0	0	0	0	0	13	7	10	1	0	0	9	21	1	5	4	4	1	7	2	6	1						
	21	1020.1	-	16.8	2.2	15.1	79	4.5	0	10	9	6	6	0	0	0	0	0	0	3	14	8	5	1	0	0	1	29	1	6	4	5	4	1	3	2	2						
Cardington [Bedfordshire]																																											
29	3	1020.3	-	11.9	0.3	13.6	96	4.8	4	6	4	9	8	0	0	1	0	1	7	3	16	2	1	0	0	0	0	29	2	3	2	4	2	7	3	6	2						
	9	1020.8	+5.6	17.1	2.3	15.1	77	5.6	3	3	3	15	7	0	0	0	0	1	0	4	12	9	5	0	0	0	2	28	1	8	4	2	1	3	7	3	2						
	15	1019.7	-	21.5	4.8	15.3	60	5.1	2	3	10	11	5	0	0	0	0	0	0	0	13	8	10	0	0	0	4	27	0	6	3	2	5	3	8	1							
	21	1020.2	-	15.8	1.5	15.2	84	4.4	1	8	9	8	5	0	0	0	0	0	1	3	11	10	6	0	0	0	2	27	2	2	6	5	4	4	3	2	2						
Stansted [Essex]																																											
102	3	1020.0	-	12.7	0.5	14.0	94	4.4	4	4	12	3	7	1	0	0	2	2	5	11	4	3	0	0	0	0	0	24	7	4	0	4	3	4	3	0	6						
	9	1020.4	+4.9	17.2	2.1	15.5	79	5.1	4	3	8	9	7	0	0	0	0	0	0	7	15	2	0	0	0	0	0	25	4	7	1	4	1	5	2	3	4						
	15	1019.4	-	21.4	4.9	15.0	59	4.9	2	3	12	9	5	0	0	0	0	0	0	0	6	13	9	3	0	0	9	20	2	4	3	3	5	3	5	1	4						
	21	1020.0	-	15.8	1.5	15.1	84	3.6	3	12	4	10	2	0	0	0	0	0	0	7	10	6	6	2	0	0	0	27	4	5	1	7	6	3	3	2	0						
Shoeburyness [Essex]																																											
5	9	1020.5	+4.9	17.7	2.1	16.2	80	5.4	4	2	6	13	6	0	0	0	0	0	4	5	10	6	4	2	0	0	4	27	0	7	1	6	3	5	5	1	3						
	15	1019.8	-	19.6	2.9	16.8	74	5.1	3	5	6	9	8	0	0	0	0	0	4	5	10	6	4	2	0	0	13	18	0	0	2	18	3	2	0	3							
	21	1020.0	-	16.2	1.5	15.7	85	4.0	5	5	9	7	5	0	0	0	0	1	4	12	5	1	8	0	0	0	9	21	1	4	6	6	1	4	5	1	3						
Walton-on-Naze [Essex]																																											
8	3	1020.0	-	14.5	1.0	14.9	89	4.4	4	7	7	5	8	0	0	0	0	1	3	10	17	0	0	0	0	0	6	19	6	2	4	2	1	2	5	1	8						
	9	1020.7	-	17.9	2.5	15.6	76	5.3	3	3	6	11	7	1	0	1	0	0	1	3	13	12	0	0	0	0	6	23	2	4	4	7	0	3	6	2	3						
	15	1020.3	-	19.1	3.0	16.0	73	4.9	4	2	10	8	6	1	0	0	0	1	1	3	13	13	0	0	0	0	16	14	1	0	3	12	2	8	1	2	2						
	21	1020.2	-	16.5	1.9	15.3	81	4.1	3	8	9	4	7	0	0	0	0	0	4	13	14	0	0	0	0	0	10	18	3	3	7	5	3	3	4	1	2						
4 MIDLAND COUNTIES																																											
Huddersfield Oakes [Yorkshire W.R.]																																											
235	3	1019.9	-	12.1	1.6	11.6	81	5.3	2	5	4	11	9	0	0	2	3	1	2	5	3	11	4	0	0	0	2	19	10	4	2	1	0	1	2	7	4						
	9	1020.6	+6.9	16.3	2.3	14.3	77	5.7	2	3	4	13	9	0	0	1	1	4	1	4	9	6	5	0	0	0	3	21	7	3	4	3	3	0	5	3	3						
	15	1019.8	-	19.8	4.1	14.6	64	5.7	1	3	8	9	10	0	0	0	0	0	0	9	10	11	1	0	0	2	3	23	3	2	1	4	3	3	2	5	8						
	21	1019.9	-	15.0	1.7	14.0	82	4.5	3	7	8	2	11	0	0	0	0	0	0	4	9	11	7	0	0	0	4	16	11	0	2	1	0	1	1	8	7						
Watnall [Nottinghamshire]																																											
119	3	1020.2	-	12.9	0.7	13.9	93	4.6	5	5	5	7	8	1	0	1	0	2	7	12	7	0	0	0	0	0	0	23	8	1	6	1	2	0	3	6	4						
	9	1020.6	+6.3	16.8	2.1	15.2	79	5.1	3	5	6	9	8	0	0	0	0	2	3	5	8	11	3	1	0	0	4	25	2	4	2	7	1	3	7	4	1						
	15	1019.4	-	21.3	4.7	15.3	60	5.0	0	6	9	14	2	0	0	0	0	0	1	6	9	10	5	0	0	0	5	24	2	2	5	2	1	5	5	7	2						
	21	1020.0	-	16.1	1.8	15.0	82	4.4	2	9	7	7	6	0	0	0	0	0	1	3	12	10	5	0	0	0	1	22	8	1	2	4	4	2	2	1	7						
Finningley [Nottinghamshire]																																											
14	3	1019.9	-	13.2	0.7	14.1	92	5.0	3	7	4	5	9	3	0	2	1	1	4	5	11	4	3	0	0	0	0	22	9	1	2	1	3	4	1	3	7						
	9	1020.3	+6.4	17.2	2.3	15.2	77	5.5	1	4	9	8	9	0	0	0	1	2	4	8	11	4	1	0	0	0	7	21	3	8	2	1	2	4	4	4	3						
	15	1019.4	-	21.8	5.1	15.0	58	5.5	0	3	11	14	3	0	0	0	0	0	1	8	9	11	2	0	0	0	6	24	1	4	2	2	5	7	1	3	6						
	21	1019.8	-	16.6	1.8	15.5	81	5.1	5	2	6	12	6	0	0	0	0	0	2	0	16	5	7	1	0	0	3	24	4	2	1	3	7	3	4	3	4						
Wittering [Northamptonshire]																																											
67	3	1020.1	-	12.9	0.7	13.8	92	4.6	4	7	5	4	9	2	0	2	1	3	1	9	5	9	1	0	0	0	0	29	2	5	2	4	2	3	4	5	4						
	9	1020.5	+5.8	17.2	2.7	14.5	74	5.3	2	4	7	12	6	0	0	0	0	0	1	4	6	14	5	1	0	0	6	24	1	5	5	2	2	4	4	3	5						
	15	1019.6	-	21.3	5.1	14.5	57	5.4	0	4	9	14	4	0	0	0	0	0	1	7	7	8	8	0	0	0	12	19	0	1	8	2	5	4	4	5	2						
	21	1019.9	-	16.5	2.1	15.0	79	4.3	3	7	6	11	4	0	0	0	0	0	2	4	7	7	8	3	0	0	2	27	2	3	5	6	4	3	3	2	3						
Edgbaston [Warwickshire]																																											
165	9	1020.8	+6.5	16.6	2.3	14.7	77	4.8	5	3	7	10	6	0	0	0	0	0	2	6	7	9	7	0	0	0	4	24	3	6	0	5	0	5	4	4	4						
	15	1019.3	-	21.0	4.9	14.5	58	5.6	0	3	10	14	4	0	0	0	0	0	0	2	7	10	10	2	0	0	6	24	1	3	3	4	1	8	3	5	3						
	21	1019.7	-	17.5	2.7	14.7	73	4.8	1	7	7	10	6	0	0	0	0	0	1	10	16	3	1	0	0	0	3	22	6	7	0	5	2	4	2	0	5						
Elmdon [Warwickshire]																																											
100	3	1020.2	-	12.3	0.6	13.5	93	4.9	4	5	2	13	6	1	0	1	1	1	3	8	7	6	3	1	0	0	2	24	5	5	3	2	3	4	1	3	5						

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction

¹³ Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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 of wet bulb (°C)	vapour pressure (mb)	relative humidity (%)	oktas												beaufort force																		
								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	speed (kt)					N	NE	E	SE	S	SW	W	NW	
																									8 or more	6, 7	4, 5	1-3	calm									
																									number of observations													
8a SOUTH WALES																																						
Aberporth [Cardiganshire]																																						
134	3	1019.9	-	13.4	0.8	14.1	91	4.3	4	7	6	9	4	1	0	2	0	0	0	0	3	7	8	8	3	0	0	9	20	2	5	0	1	10	9	1	1	2
	9	1020.2	+5.4	15.8	1.7	14.8	82	5.4	1	5	5	17	1	2	0	1	1	0	1	0	5	7	8	6	0	0	9	20	2	5	0	1	10	9	1	1	2	
	15	1020.0	-	16.9	2.2	15.0	78	3.8	0	15	4	11	1	0	0	0	0	0	1	0	4	10	8	8	0	0	11	20	0	5	3	2	1	2	2	3	4	
	21	1019.9	-	14.8	1.2	14.6	87	4.4	3	7	6	14	0	1	1	0	0	0	2	0	6	8	6	8	0	0	3	24	4	3	3	2	1	6	3	3	6	
Milford Haven Conservancy Board [Pembrokeshire]																																						
39	3	1020.0	-	14.2	0.9	14.6	90	3.5	12	2	7	1	9	0	0	0	0	0	1	1	13	12	4	0	0	0	4	14	13	6	0	3	3	1	1	3	1	
	9	1020.5	+5.2	16.9	1.9	15.6	80	4.3	6	1	14	5	5	0	0	0	0	0	2	13	13	3	0	0	0	0	6	19	6	7	2	3	6	2	4	1	0	
	15	1020.0	-	19.2	3.0	16.1	72	3.9	5	4	14	6	2	0	0	0	0	0	0	12	13	6	0	0	0	0	6	20	5	7	0	1	3	2	8	4	1	
	21	1019.8	-	15.9	1.6	15.1	83	3.7	6	5	12	4	4	0	0	0	0	0	1	0	13	15	2	0	0	0	4	19	8	10	0	2	1	1	3	3	3	
Brynmartha [Carmarthenshire]																																						
-	9	-	-	17.4	2.3	15.4	77	4.7	1	9	4	12	5	0	0	0	0	0	2	4	7	8	9	1	0	0	1	26	4	0	3	1	7	1	8	3	4	
-	15	-	-	20.8	3.9	16.4	67	5.4	0	5	7	15	4	0	0	0	0	0	1	2	9	10	9	0	0	0	1	30	0	3	3	0	3	6	7	5	4	
-	21	-	-	16.3	1.8	15.2	81	4.8	1	7	7	13	3	0	0	0	0	0	1	4	17	7	2	0	0	0	1	21	9	1	3	0	4	1	3	3	7	
Mumbles [Glamorgan]																																						
37	3	1019.8	-	15.2	1.5	14.6	84	4.3	5	3	10	8	5	0	0	0	0	1	0	1	5	4	16	4	0	0	6	22	3	7	4	5	1	3	2	4	2	
	9	1020.3	-	17.7	2.4	15.5	77	5.1	3	5	5	11	7	0	0	0	1	0	4	0	6	13	5	2	0	1	2	22	6	5	1	6	3	4	4	2	0	
	15	1019.5	-	19.7	3.3	16.1	71	4.0	1	10	10	6	4	0	0	0	0	0	2	8	6	11	2	0	0	1	7	23	0	2	0	2	2	5	12	7	1	
	21	1019.4	-	17.5	2.5	15.3	76	4.9	1	6	7	12	5	0	0	0	0	0	1	10	6	10	4	0	0	10	18	3	9	1	2	2	0	6	5	3		
Rhoose [Glamorgan]																																						
69	3	1020.0	-	13.1	0.8	13.8	90	4.3	5	5	6	11	3	1	0	0	0	0	1	4	4	10	11	1	0	0	2	25	4	2	9	0	3	3	0	7	3	
	9	1020.4	+4.8	17.4	2.5	15.0	75	4.4	2	10	4	12	3	0	0	0	0	0	0	4	7	8	9	3	0	0	5	25	1	2	8	6	4	2	0	7	1	
	15	1019.5	-	20.9	4.6	15.0	61	4.1	2	9	8	9	3	0	0	0	0	0	1	5	10	7	8	0	0	13	18	0	0	4	4	7	6	0	10	0		
	21	1019.6	-	16.5	1.9	15.3	81	4.3	2	8	10	10	1	0	0	0	0	0	0	3	6	13	4	5	0	0	3	25	3	2	4	2	1	3	5	9	2	
8b ENGLAND SW																																						
Yeovilton [Somerset]																																						
23	3	1020.3	-	13.3	0.9	13.9	90	3.0	6	10	9	2	3	1	0	0	0	1	2	6	18	4	0	0	0	0	1	9	21	1	2	0	1	3	1	0	2	
	9	1020.4	-	17.9	2.5	15.5	75	4.3	4	5	9	8	5	0	0	0	0	0	1	4	13	12	1	0	0	7	15	9	4	6	2	3	5	2	1	1		
	15	1019.7	-	22.5	5.2	15.9	58	4.4	1	5	13	10	2	0	0	0	0	0	2	13	6	10	0	0	1	14	14	2	2	7	4	3	6	1	1	5		
	21	1020.0	-	17.7	2.4	15.7	77	3.3	2	15	5	5	4	0	0	0	0	0	0	5	9	13	4	0	0	0	4	16	11	2	2	1	1	4	3	4	3	
Portland Bill [Dorset]																																						
54	3	1019.9	-	14.7	0.7	15.5	92	3.2	6	8	9	5	2	1	0	0	0	1	2	0	16	5	7	0	0	1	10	20	0	6	2	11	2	0	4	2	4	
	9	1020.6	-	17.2	1.9	16.0	82	3.8	5	7	7	9	3	0	0	0	0	1	1	3	13	5	7	1	0	0	13	18	0	8	2	11	4	5	2	1	3	
	15	1020.0	-	18.7	2.3	16.8	78	3.4	5	10	7	6	2	1	0	0	0	1	1	7	9	6	5	2	0	0	9	22	0	0	1	3	8	2	6	7	4	
	21	1019.8	-	15.6	1.0	15.8	90	3.3	4	11	6	8	1	1	0	1	0	1	1	4	12	8	4	0	0	0	7	22	2	5	3	5	6	1	1	7	1	
Hartland Point [Devon]																																						
93	3	1019.8	-	14.6	1.1	14.6	87	3.4	3	11	9	5	3	0	0	0	0	1	1	3	8	13	5	0	1	10	14	6	1	4	4	3	5	4	4	0		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	1019.8	-	17.8	2.4	15.6	77	4.0	2	10	7	11	1	0	0	0	0	0	0	5	15	9	2	0	1	9	19	2	6	8	0	1	3	2	7	2		
	21	1019.9	-	15.8	1.5	15.2	85	4.0	1	9	11	8	2	0	0	0	0	0	0	7	12	9	3	0	1	7	19	4	3	7	2	1	1	3	9	1		
Mount Batten [Devon]																																						
30	3	1019.9	-	14.4	0.8	15.0	91	3.3	7	10	3	8	3	0	0	0	0	0	2	6	15	7	1	0	0	3	22	6	5	2	10	1	4	0	1	2		
	9	1020.2	+3.8	18.1	2.2	16.5	79	3.8	3	10	4	13	1	0	0	0	0	0	1	8	10	9	3	0	0	7	22	2	2	1	9	2	6	4	5	0		
	15	1019.6	-	20.3	3.2	17.1	72	4.6	2	5	9	15	0	0	0	0	0	0	0	1	8	8	6	9	0	17	14	0	3	2	6	2	3	15	0	0		
	21	1020.0	-	16.9	1.6	16.2	84	3.4	2	14	5	9	1	0	0	0	0	0	1	9	8	8	5	0	0	7	19	5	7	1	3	2	1	6	4	2		
Chivenor [Devon]																																						
7	3	1019.9	-	13.9	0.8	14.4	90	3.8	7	7	3	8	6	0	0	0	0	0	1	5	9	5	9	2	0	0	17	14	1	0	11	2	2	0	1	0		
	9	1020.3	+4.6	18.1	2.5	15.9	76	4.5	2	7	8	12	2	0	0	0	0	0	2	5	12	7	0	0	0	7	21	3	3	1	4	9	3	1	6	1		
	15	1019.6	-	21.2	4.2	16.1	64	4.0	1	9	10	9	2	0	0	0	0	0	0	5	8	6	12	0	1	12	18	0	2	5	1	5	1	3	9	5		
	21	1019.9	-	16.3	1.5	15.7	84	3.8	4	8	6	12	1	0	0	0	0	0	2	5	10	5	9	0	0	2	19	10	2	1	1	3	1	5	5	3		
Exeter [Devon]																																						
38	3	1020.2	-	13.0	0.4	14.4	95	3.9	5	11	1	7	7	0	0	1	1	1	3	3	6	9	6	1	0	0	0	25	6	5	7	2	3	1	0	2	5	
	9	1020.5	+4.5	18.0	2.2	16.3	78	4.2	2	10	6	9	4	0	0	0	0	0	1	9	7	6	8	0	0	6	24	1	6	4	2	3	5	0	7	3		
	15	1019.5	-	21.8	4.2	16.9	64	4.5	1	7	9	12	2	0	0	0	0	0	1	6	5	6	13	0	0	17	14	0	0	6	0	9	10	2	1	3		
	21	1020.0	-	16.6	1.7	15.7	83	3.1	3	16	3	8	1	0	0	0	0	0	1	7	6	6	11	0	0	4	24	3	0	3	2	8	6	1	2	6		
Scilly [Cornwall]																																						
61	3	1019.8	-	15.1	0.8	15.8	92	3.4	6	10	6	5	2	2	0	2	0	0	1	1	2	6	15	4	0	0	2	23	6	7	3	4	1	4	3	2	1	
	9	1020.2	+3.7	16.7	1.4	16.2	85	4.5	6	4	4	12	3	2	0	0	2	1	2	4	7	11	4	0	0	6	20	5	3	8	4	1	4	3	3	0		
	15	1020.2	-	18.1	2.1	16.5	79	3.4	6	8	8	8	1	0	0	0	0	3	1	5	7	12	3	0	0	10	19	2	6	8	1	3	3	5	2	1		
	21	1020.2	-	15.2	1.0	15.4	89	3.5	3	9	10	8	0	1	0	1	0	1	2	5	6	11	4	0	0	6	19	6	6	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	0	1	26	3	1	0	0	0	0	0	0	1	23	7	0	Edgbaston	0	0	0	0	8	19	4	0	0	0	0	0	0	0	3	25	3
Lerwick (large screen)	0	0	1	22	7	1	0	0	0	0	0	0	1	21	9	0	Kew (psychrometer)	0	0	0	0	3	22	6	0	0	0	0	0	0	1	6	22	2
Stornoway	0	0	0	15	14	2	0	0	0	0	0	0	1	14	16	0	Kew (north-wall screen)	0	0	0	0	2	22	7	0	0	0	0	0	0	0	3	21	7
Craibstone	0	0	0	11	11	8	1	0	0	0	0	0	1	19	11	0	Hastings	0	0	0	0	19	10	2	0	0	0	0	0	0	0	4	21	6
Rothsay	0	0	0	3	19	9	0	0	0	0	0	0	0	13	18	0	Southampton	0	0	0	0	2	20	9	0	0	0	0	0	0	0	1	24	6
Abbotsinch	0	0	0	2	16	11	2	0	0	0	0	0	2	15	14	0	Stonyhurst	-	-	-	-	-	-	-	-	0	0	0	0	0	10	21	0	
Eskdalemuir (psychrometer) ..	0	0	0	1	21	9	0	0	0	0	0	0	6	12	13	0	Bidston	0	0	0	0	16	12	3	0	0	0	0	0	0	0	27	4	
Eskdalemuir (large screen) ..	0	0	0	1	20	9	1	0	0	0	0	0	6	11	14	0	Valley	0	0	0	0	22	7	2	0	0	0	0	0	0	4	26	1	
Douglas	0	0	0	1	23	7	0	0	0	0	0	0	0	7	23	1	Falmouth	0	0	0	0	17	14	0	0	0	0	0	0	0	2	25	4	
Acklington	0	0	0	2	18	11	0	0	0	0	0	0	1	11	19	0	Aldergrove	0	0	0	0	19	11	1	0	0	0	0	0	0	9	20	2	
Gorleston	0	0	0	2	22	6	1	0	0	0	0	0	0	3	23	5	Armagh	0	0	0	0	14	15	2	0	0	0	0	0	2	8	18	3	
Cambridge Botanic Gardens	0	0	0	0	5	20	6	0	0	0	0	0	1	6	20	4																		

Table 6 Summary of autographic records of wind

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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							
0	SCOTLAND N			93	10	10		0	8	62	310	328	44	0	11.6	240	28	15	06	330	45	15	1320	
	Zetland	Lerwick	...	41	15	10	15	9	6	81	375	261	18	0	13.2	310	39	15	14	270	59	15	1105	
	Orkney	Kirkwall	...	34	12	9	15	1	5	38	258	324	123	0	9.5	320	34	15	13	320	48	15	1205	
	Caithness	Dounreay	...	45	10	10	15	4	4	23	261	349	107	0	9.6	290	37	15	12	300	57	15	1210	
		Wick	...	24	10	10	15	1	2	6	103	373	261	0	5.9	280	34	15	11	280	56	15	1200	
	Sutherland	Shin	...	37	12	11																		
	Ross &	Stornoway Coastguard	...	38	20	17		0	1	2	254	390	97	1	8.8	270	23	15	09	270	38	15	0810	
	Cromarty	Duirinish	...	16	10	10		0	5	59	453	214	18	0	13.5	290	31	15	08	290	45	15	0740	
	Inverness	Benbecula	...	23	15	12	Defective record																	
		Corpach	...	58	16	16		0	1	4	168	363	209	0	6.8	230	24	15	10	240	41	15	1010	
		Fort Augustus NSHEB ¹⁴	...	19	10	10		0	2	8	208	389	139	0	8.2	260	29	15	10	260	52	15	0955	
		Dalcross	...	1075	10	10	14,15,16	22	12	87	319	256	60	0	13.2	270	50	15	10	270	74	15	0910	
		Cairngorm	...	1	SCOTLAND E			1	3	21	287	364	71	0	9.8	270	34	15	12	250	50	15	0845	
	Moray	Kinloss	...	31	24	18	15	1	4	33	231	302	177	0	8.9	300	38	15	13	320	56	15	1240	
		Lossiemouth	...	72	10	10		0	4	37	246	307	154	0	9.3	310	33	15	15	300	54	15	1410	
	Aberdeen	Dyce	...	29	13	11	15,16	10	7	71	235	361	61	3	11.2	310	42	15	14	300	60	15	1305	
		Fraserburgh	...	39	40	38	15	3	11	55	351	229	100	0	11.7	290	37	15	13	260	47	15	0900	
	Angus	Bell Rock	...	307	17	17		0	1	4	97	479	128	36	7.1	290	26	15	10	290	36	15	0950	
	Perth	Rannoch	...	161	16	16		0	2	3	88	342	311	0	5.2	270	23	15	11	280	53	15	1320	
		Tummel Bridge	...	25	13	13		0	1	9	218	457	60	0	8.7	270	30	15	12	270	47	15	1055	
	Fife	Leuchars	...	43	13	10		0	2	10	145	490	99	0	7.9	240	26	15	12	240	42	15	1150	
	Midlothian	Turnhouse	...	6a	SCOTLAND W			0	2	9	369	325	41	0	10.5	300	24	15	13	300	37	15	1245	
	Argyll	Tiree	...	23	13	13		0	2	6	348	289	101	0	9.8	320	25	15	13	310	38	15	1205	
		Machrihanish	...	166	10	10		0	1	6	216	395	127	0	8.2	260	26	15	15	270	38	15	1510	
	Dunbarton	Cumbernauld	...	57	25	9		0	0	0	39	425	280	0	4.9	290	21	15	12	300	44	15	1050	
	Renfrew	Paisley	...	16	10	10		0	1	8	164	425	147	0	7.7	250	27	15	10	250	41	15	1000	
		Abbotsinch	...	24	20			0	4	21	262	331	125	5	9.4	310	31	15	15	310	46	15	1525	
	Ayr	Ardrossan	...	13	10	10		0	5	9	251	258	226	0	8.4	250	30	15	08	060	44	23	1140	
		Hunterston	...	21	10	10		0	1	1	94	431	218	0	6.2	320	23	15	13	310	35	15	1215	
		Prestwick	...	259	10	10		0	2	9	70	427	238	0	5.9	280	29	15	13	280	48	15	1125	
	Dumfries	Eskdalemuir	...	25	10	10		0	1	5	207	396	131	5	8.2	300	25	15	15	300	40	15	1445	
	Wigtown	West Freugh	...	6b	ISLE OF MAN			0	2	4	140	384	216	0	6.6	310	24	16	01	310	37	16	0020	
		Ronaldsway	...	20	10	10		0	1	2	204	356	182	0	7.7	310	23	15	16	310	32	15	1535	
		Point of Ayre	...	2	ENGLAND NE			0	2	7	37	465	235	0	5.5	290	23	14	17	270	48	15	1435	
	Durham	Durham	...	22	17	13		0	1	9	144	364	227	0	6.5	270	27	15	12	270	43	15	1430	
		South Shields	...	42	10	10		0	1	1	121	411	211	0	6.7	280	22	15	14	270	38	15	1055	
	Yorks N.R.	Leeming	...	23	19	19		0	1	9	128	427	172	8	7.2	270	33	15	16	270	55	15	1610	
		Middlesbrough	...	80	10	10		0	0	0	95	570	79	0	7.1	280	19	15	15	290	30	15	1405	
	Lincoln	Waddington	...	77	13	13		0	2	4	135	452	153	0	7.3	260	22	15	16	270	35	15	1555	
		Cranwell	...	16	10	10		0	3	4	124	493	119	4	7.5	280	24	15	17	280	35	15	1630	
		Coningsby	...	118	10	10		0	2	7	171	476	90	0	8.2	290	27	15	16	280	41	15	1455	
		Binbrook	...	26	10	10		0	1	1	143	454	146	0	7.1	260	22	15	18	270	33	15	1580	
		Manby	...	3	ENGLAND E			0	0	0	131	481	132	0	7.1	240	19	31	12	200	30	24	1600	
	Norfolk	Marham	...	93	17	14	Record not yet commenced	0	0	0	110	393	241	0	5.9	250	19	31	11	250	32	31	1035	
		West Raynham	...	27	10	10		0	3	5	297	356	66	20	9.7	160	23	24	12	300	33	28	1245	
		Coltishall	...	16	13	13		0	0	0	94	484	166	0	6.6	220	20	31	14	260	32	15	1315	
		Gorleston	...	60	13	13		0	0	0	92	516	136	0	6.6	250	19	31	15	250	28	31	1405	
	Suffolk	Honington	...	104	16	10		0	0	0	117	491	104	32	7.2	030	19	12	14	220	30	31	1425	
		Wattisham	...	94	13	9		0	1	4	105	441	194	0	6.4	230	23	31	14	230	34	31	1330	
	Bedford	Bedford	...	69	41	41		0	0	0	21	388	335	0	4.1	250	14	31	12	250	27	31	1145	
		Cardington	...	94	15	10		0	0	0	17	369	358	0	4.0	250	13	31	15	250	31	31	1605	
	Hertford	Garston	...	141	13	10		0	0	0	79	489	176	0	6.3	240	18	31	14	210	30	24	1455	
		Rothamsted	...	108	10	10		0	0	0	79	489	176	0	6.3	240	18	31	14	210	30	24	1455	
	Essex	Stansted	...	36	32	28		0	2	5	304	383	52	0	10.0	200	25	24	16	200	35	24	1545	
		Shoeburyness	...																					

Table 6 Summary of autographic records of wind

JULY 1971

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			
4 MIDLAND COUNTIES																						
Yorks W.R.	Sheffield	...	162	25	11		0	0	0	49	347	348	0	4.4	290	19	14	14	350	43	15 2105	
	Church Fenton	...	18	10	10		0	1	4	96	423	214	7	6.1	280	25	15	15	290	46	23 1640	
Notts	Watnall	...	130	13	10		0	0	0	59	438	247	0	5.4	280	17	15	14	280	31	15 1705	
	Finningley	...	19	10	10		0	1	1	96	383	264	0	6.0	280	22	15	14	280	33	15 1355	
Rutland	Cottesmore	...	143	13	13		0	0	0	93	455	196	0	6.4	250	20	31	09	260	30	31 1635	
N'hampton	Wittering	...	83	10	10		0	0	0	98	474	172	0	6.4	300	17	15	18	300	29	15 1815	
Warwick	Edgbaston	...	196	36	22		0	0	0	59	404	281	0	4.9	320	16	14	17	330	32	15 2335	
	Elmdon	...	105	10	10		0	1	1	108	569	66	0	7.2	320	22	15	21	320	35	15 1955	
Oxford	Brize Norton	...	91	13	10		0	0	0	106	390	248	0	6.0	050	18	12	18	240	30	31 1020	
Stafford	Keele	...	215	15	10		0	0	0	27	303	414	0	3.7	320	17	15	16	320	36	15 1545	
Worcester	Pershore	...	47	10	10		0	0	0	92	457	195	0	6.3	230	18	31	09	220	34	30 2320	
Gloucester	Avonmouth	...	28	19	10		0	1	7	159	318	260	0	6.5	250	24	31	08	260	36	31 0850	
	Fairford	...	88	10	10		0	0	0	91	423	227	3	6.1	270	21	31	13	270	33	31 1230	
5 ENGLAND SE																						
Greater London	London W/Centre	...	93	70	38		0	0	0	221	445	78	0	8.4	050	19	12	17	050	28	12 1615	
	Heathrow	...	34	10	10		0	0	0	80	576	88	0	6.7	250	15	31	13	240	25	31 1200	
	Hampton	...	42	31	30		0	0	0	53	388	303	0	4.8	250	20	31	10	250	32	31 0840	
	Kew	...	28	23	15		0	0	0	46	395	303	0	4.8	210	16	26	17	230	31	31 1030	
Surrey	Gatwick	...	69	10	10		0	0	0	48	441	255	0	5.3	250	19	31	10	220	30	26 1305	
Kent	Isle of Grain	...	15	12	10		0	3	6	219	315	161	43	7.9	050	23	12	17	210	31	24 1515	
	Dungeness	...	16	10	10		0	1	1	303	403	37	0	9.6	070	22	12	19	250	33	31 0940	
	Dover	...	21	12	19	Anemometer being repaired																
	Manston	...	61	17	17		0	1	1	243	415	85	0	8.7	190	22	24	11	190	31	25 1425	
Sussex	Thorney Island...	...	16	10	10		0	0	0	127	487	130	0	7.0	230	19	31	16	140	27	30 2315	
Berkshire	Abingdon	...	90	12	12		0	0	0	48	396	300	0	5.1	240	18	31	14	250	27	31 1305	
Hampshire	Hurn	...	23	13	11		0	0	0	90	383	271	0	5.9	220	18	31	15	230	28	31 1300	
	Calshot	...	15	13	10		0	0	0	149	478	117	0	7.2	230	20	31	15	230	31	31 1440	
	R.A.E. Farnborough	...					0	0	0	49	435	260	0	5.4	200	15	24	16	200	26	24 1505	
Wiltshire	Larkhill	...	145	13	10		0	0	0	154	378	212	0	6.7	040	19	12	19	250	34	31 1055	
	Boscombe Down	...	130	16	16		0	0	0	128	493	123	0	7.3	210	18	25	17	270	27	31 1030	
	Porton	...	120	10	10		0	0	0	191	403	150	0	7.7	220	19	24	16	240	30	31 0730	
7a ENGLAND NW																						
Cumberland	Sellafield	...	25	12	11		0	0	0	73	436	235	0	5.7	210	20	25	04	190	34	25 0100	
	Carlisle	...	41	13	9		0	0	0	81	404	259	0	5.7	240	19	15	11	270	34	15 1305	
	Spadeadam	...	292	16	15		0	1	6	70	419	249	0	5.6	270	26	15	14	270	45	15 1350	
Westmorland	Great Dun Fell...	...	857	10	10	15,25 Defective record	10	7	45	396	243	50	0	12.2	270	48	15	15	270	59	15 1345	
	Moor House	...	597	15	14																	
Lancashire	Squires Gate	...	26	16	11			0	2	7	210	450	77	0	8.5	250	24	31	16	310	37	15 1850
	Aigburth	...	38	23	11			0	0	0	99	443	202	0	6.4	290	21	15	14	290	35	15 1255
	Southport	...	19	14	11			0	2	8	107	319	274	36	5.8	330	23	15	21	330	40	15 2030
	Fleetwood	...	34	15	9			0	1	3	83	190	468	0	4.0	310	23	15	21	310	35	15 1740
	Speke	...	30	10	10			0	1	2	156	425	161	0	7.2	290	23	15	15	310	37	16 0320
	Manchester W/Centre	...	82	45	17			0	0	0	117	503	124	0	7.1	300	20	15	20	170	37	31 0420
Cheshire	Bidston	...	80	20	12			0	0	0	58	418	244	24	-	290	21	15	13	310	38	15 1445
	Ringway	...	80	10	10			0	0	0	72	457	215	0	5.9	230	19	31	16	200	32	31 0405
7b NORTH WALES																						
Anglesey	Valley	...	26	16	12		0	3	18	212	401	113	0	8.5	200	28	25	02	200	38	25 0200	
Merioneth	Trawsfynydd	...	194	10	10		0	2	3	76	431	227	7	6.1	200	23	25	02	200	39	24 2359	
8a SOUTH WALES																						
Cardigan	R.A.E. Aberporth	...	144	10	10		0	0	0	185	428	131	0	7.6	230	19	31	14	160	29	24 1345	
Pembroke	Milford Haven	...					0	0	0	151	312	279	0	6.3	340	18	9	09	200	33	30 1845	
	Conservancy Board	...	47	10	10		0	1	1	109	340	294	0	5.4	290	22	31	07	290	32	31 0625	
Glamorgan	Port Talbot	...	28	12	11		0	0	0	160	451	133	0	7.3	250	20	31	13	260	35	31 1045	
	Rhoose	...	77	10	10																	
8b ENGLAND SW																						
Dorset	Portland Bill Coastguard	...	60	13	13		0	1	1	295	369	79	0	8.8	280	22	31	07	280	30	31 0545	
Devon	Mount Batten	...	64	13	13		0	0	0	207	438	99	0	8.2	200	20	24	13	220	29	24 1210	
	Chivenor	...	19	13	10		0	0	0	143	417	184	0	6.5	240	21	24	15	240	33	24 1455	
Cornwall	Scilly	...	70	20	17		0	0	0	158	349	237	0	6.7	230	21	24	15	030	33	12 1005	
	Lizard	...	96	23	18		0	4	8	368	297	58	13	10.7	280	24	31	02	170	44	9 1945	
	St. Mawgan	...	120	13	13		0	0	0	233	431	80	0	8.7	220	19	24	13	240	28	24 1405	
NORTHERN IRELAND																						
Londonderry	Ballykelly	...	13	12	10	Station closed																
	Coleraine University	...	33	10	10		0	0	0	169	352	223	0	6.9	300	19	15	09	300	31	15 0815	
Antrim	Aldergrove	...	80	10	10		0	0	0	137	481	126	0	7.2	300	18	15	11	300	31	15 1025	
	Ballypatrick Forest	...	166	13	13		0	0	0	272	340	132	0	8.6	110	21	23	03	300	37	15 1205	
	Belfast Harbour...	...	21	18	18		0	2	6	313	354	71	0	9.3	300	30	15	14	300	42	15 1315	
Down	Kilkeel	...	35	18	14		0	0	0	138	387	200	19	6.5	DEF	19	16	10	DEF	33	16 0705	
	Orlock Head	...	51	16	12		0	1	2	279	365	98	0	9.1	340	24	16	09	350	35	16 0830	
Armagh	Portadown	...	26	10	10		0	0	0	83	412	198	51	5.9	330	17	15	15	340	26	15	
Tyrone	Carrigans	...	129	10	10		0	0	0	0	47	373	324	0	5.0	310	17	15	13	310	28	15 1215
Fermanagh	Castle Archdale Forest	...	80	13	13		0	0	0	0	37	441	261	5	5.1	290	15	15	14	290	27	15 1300
CHANNEL ISLES																						

Table 3 Additions and corrections

Year	Month	Station	max. temp. 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
					max. (a)	min. (b)	daily mean (mean of a + b)	max.		date	min.	date	amount (mm)					date	0.2mm or more	1.0mm or more															
1969	June	Abingdon	21.9	40	-	-	-	-	-	-	-	-	-	-	104	-	14	23	20	17	1	2	0	0	0	-	-	-	-	0	0	1.49	-	-	
1970	January	East Hoathly*			6.9	0.5	3.2	-	11.4	21	-6.9	15	-	-	66	-	17	12	19	13	5	3	0	3	0	-	14	18	15	0	4.29	-	-		
	March				8.0	-0.1	3.9	-	12.3	20	-8.4	10	-	-	43	-	15	4	14	11	5	4	0	1	0	-	17	18	16	0	4.17	-	-		
	April				10.0	2.1	6.1	-	13.1	19,30	-6.3	9	-	-	65	-	9	5	23	14	3	0	0	1	2	1	13	17	11	0	3.98	-	-		
	May				17.5	6.2	11.9	-	23.6	8	1.5	3,23	-	-	30	-	13	15	6	5	0	0	0	0	2	-	0	1	0	0	7.74	-	-		
		Finchampstead																																	
	June	East Hoathly			21.7	9.5	15.6	-	28.5	9	3.7	16	-	-	27	-	8	28	6	6	0	0	0	0	1	-	0	0	0	0	10.07	-	-		
	July				19.4	10.3	14.9	-	27.9	7	4.3	22	-	-	54	-	13	7	12	10	0	0	0	1	1	0	0	0	0	6.68	-	-			
	August				21.3	10.3	15.8	-	27.0	3,4	2.1	18	-	-	65	-	19	6	10	9	0	0	0	0	4	-	0	0	0	0	6.89	-	-		
	September				19.5	9.6	14.5	-	24.7	20	3.5	18	-	-	90	-	34	14	13	12	0	0	0	0	0	0	0	0	0	5.80	-	-			
	October				15.2	6.6	10.9	-	22.5	11	-0.3	9,27	-	-	28	-	8	6	9	6	0	0	0	1	1	5	10	3	0	4.03	-	-			
	November				11.7	4.5	8.1	-	15.0	1	-4.4	16	-	-	166	-	22	18	19	16	0	0	1	0	1	1	5	9	5	0	2.10	-	-		
	December				6.8	0.6	3.7	-	14.2	3,4	-5.9	25	-	-	41	-	7	28	19	14	5	8	0	1	0	0	14	22	17	0	1.65	-	-		
	Annual	Prestatyn																																	
		Shoeburyness																																	
		East Hoathly			-	-	-	-	-	-	-	-	-	-	780	-	34	14	170	133	19	17	1	6	12	-	-	-	-	0	4.91	-	-		
		Finchampstead																																	
		Shoeburyness																																	
		Aberporth																																	
1971	January	Dall			5.2	-0.2	2.5	-	11.1	9	-9.0	4	-	-	166	-	21	9	24	20	5	3	0	0	0	1	18	22	-	2	-	-	-		
		Lauder			6.1	-1.0	2.5	-	12.2	10	-10.2	4	-	-	71	-	23	28	19	13	-	6	-	-	-	6	20	20	-	-	0.77	-	-		
		Fettercairn																																	
		Rhuvaal]																																	
		St. Albans																																	
		Cirencester																																	
		Llwynon																																	
	February	St. Mary's Isle																																	
		Lake Vyrnwy																																	
	March	Glenmore Lodge			6.5	-0.9	2.8	-0.4	11.3	28	-7.9	17	-	-	89	144	25	19	20	15	11	6	0	1	0	2	18	24	17	0	1.86	-	S		
		Whitehills																																	
	April	Glenmore Lodge			10.2	0.4	5.3	-0.1	16.6	14	-4.4	8	-	-	41	59	9	23	14	10	7	2	0	0	0	0	16	20	17	1	3.44	-	-		
		Kinross			10.8																														
		St. Mary's Isle			12.8		8.3	-	16.9	21																									
	May	Onich																																	
		Wellesbourne																																	
		Winchester																																	
		Southsea																																	
		Cricket Malherbie			(16.9)	9.4	12.9	+0.2	22.0	11	0.0	4	-	-	31	-	6	29	14	9	-	-	-	-	-	(0)	0	5	-	-	-	7.11	-	-	
	February	Ballymoney				(6.2)	(11.5)	-																											
	July	Kinross			16.1		12.7																												
1970	September	Glenmore Lodge																																	
	December	Isle of Rhum																																	
		Glenlee			7.0																														

*East Hoathly data to be inserted after Wakehurst Place (Sussex)

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

AUGUST

VOLUME 88

1971

NUMBER 8

Very changeable at times with some heavy rainfalls.

With the exception of a few days from the 15th to 18th the British Isles were dominated by relatively low pressure. Notable was a series of mobile depressions which crossed England and Wales from the 10th to 14th.

Weather

Generally changeable weather resulted in a dull month in most areas except in north Scotland where it was less unsettled. By the end of the month water levels in certain Scottish reservoirs were reported to be very low. During the first week there was heavy rain at times in many areas and the wet spell continued in England and Wales for a further week. The second half of the month was less changeable.

Wind

Strong winds with local gales occurred on a number of occasions. Gales in north Scotland on the 9th, with a gust of 48 kt at Kirkwall (Orkney), began a spell of 6 windy days. Gusts recorded during this period included 49 kt at Aberporth (Cardiganshire) on the 10th and 66 kt at Hunterston (Ayrshire) on the 13th. The last week also was windy at times in the west and north; gusts of 54 kt at Stornoway Airport (Hebrides) and 52 kt at Bell Rock (Angus) were recorded on the 26th and 31st respectively.

Temperature

Monthly mean temperature was below average almost everywhere but only in a few places in Scotland did the deficit approach 1 degC. Mean temperature exceeded the average in Devon and Cornwall and in a few areas elsewhere but generally by very small amounts. It was very cool in Northern Ireland and Scotland towards the end of the first week, and on the morning of the 8th the air temperature fell to -1.9°C at Carnwath (Lanarkshire). The period 10th to 20th was generally cooler than average, although it became warm in the south on the 18th. The next day was very warm in East Anglia and south-east England and a temperature of 28.2°C occurred at Writtle (Essex). Temperatures were generally near or a little above average from the 21st to 30th but it became cool again on the 31st.

Rainfall

In Scotland, except in some southern counties, rainfall was mostly below average, and less than half the average occurred in a few eastern areas. Elsewhere, rainfall was above average in general and in England there were wide variations in the percentage recorded because of the thundery character of the rain. More than twice the average rainfall occurred in a few areas, notably in County Durham and Northumberland, on the Cheshire and Shropshire border and in the south Midlands.

The number of days with thunder reported was above average in some localities and a few places in England and Wales experienced thunder on 6 or 7 days. Details of local damage due to floods and lightning strikes were common features of Press reports. During thunderstorms in Northern Ireland on the evening of the 4th a rainfall of 63.4 mm in about 78 minutes was recorded at Creggan reservoir (Co. Londonderry); a rainfall of this intensity is classified as 'very rare'. Some hours later heavy rain with thunder spread into south-east England and in the 7 hours up to 09 GMT on the 5th London Weather Centre had 49.9 mm of rain, an amount which exceeded even the greatest 24-hour fall recorded there since records began in 1940. Thunderstorms occurred widely in central and southern Scotland on the 5th and in England and Wales on the 6th and 7th. A very wet 5-day period began overnight on the 9th/10th when the first of a series of mobile depressions approached from the Atlantic. In the 12 hours ending at 09 GMT on the 10th Brynamman (Carmarthenshire) recorded 42.8 mm of rain and in the 24 hours ending at the same time Neath (Glamorgan) had 82.8 mm. On the 13th and 14th flooding occurred in cities as far apart as Bristol, Durham, Londonderry and York. Among heavy rainfalls in the 24 hours up to 09 GMT on the 14th were 104.9 mm at Ballypatrick Forest (Co. Antrim) and 86.1 mm at Smiddy Shaw reservoir, in Durham. On the 14th a boy was struck and killed by lightning at Cardiff and hailstones about 2 cm in diameter fell at Rugby (Warwickshire). On the afternoon of the same day a violent thunderstorm at Little Weighton (East Riding of Yorkshire) gave strong

Table 1 District Values

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine			
	High Max. *	Lowest Min. *	max.	min.	mean							
			difference from average							% of average		
0 Scotland N	23.3	3.0	--0.1	--0.9	--0.5	—	--2	74	104			
1 Scotland E	22.8	4.4	--0.5	--0.2	--0.3	--0.1	--1	85	93			
2 England N E	23.3	2.8	--0.8	+0.1	--0.3	+0.4	+4	159	85			
3 England E	26.8	5.0	--0.7	+0.6	0.0	--0.1	+5	135	81			
4 Midlands	25.0	4.4	--0.9	+0.3	--0.3	+0.2	+3	150	80			
5 England S E	26.2	4.9	--1.1	+0.8	--0.1	--0.3	+4	107	75			
6 Scotland W	23.8	4.3	--0.5	0.0	--0.3	0.0	--1	93	84			
7 Eng NW · Wales N	24.0	6.0	--0.8	+0.2	--0.3	--0.1	0	134	86			
8 Eng SW · Wales S	25.9	2.8	--0.6	+0.4	--0.1	+0.4	+4	121	72			
N Ireland	23.0	5.1	--0.7	--0.1	--0.4	—	--1	110	86			
Scotland	23.8	3.0	--0.4	--0.4	--0.4	—	--1	84	94			
Eng · Wales	26.8	2.8	--0.8	+0.4	--0.4	—	+3	137	80			

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

winds, torrential rain and a large fall of hail which did costly damage to buildings and growing crops in the neighbourhood. Further thunderstorms affected southern England on the 18th and 19th; on the latter date a man was killed by lightning in Gloucestershire.

Sunshine

The mainly changeable weather resulted in below-average sunshine amounts nearly everywhere. Some stations in the southern counties of England and Wales had their lowest August sunshine total since 1958, for example Brighton and Worthing (both in Sussex) and Rhosce (Glamorgan). In Scotland most of the north and parts of the east had more sunshine than average and, although excesses were not large, Dyce (Aberdeenshire) had its sunniest August since 1955.

Fog

Fog did not feature during the month to any great extent. Sea fog affected the coasts of extreme north-east Scotland for much of the 3rd and there were a few occurrences of inland fog patches around dawn, mainly in England and Wales, during the second half of the month.

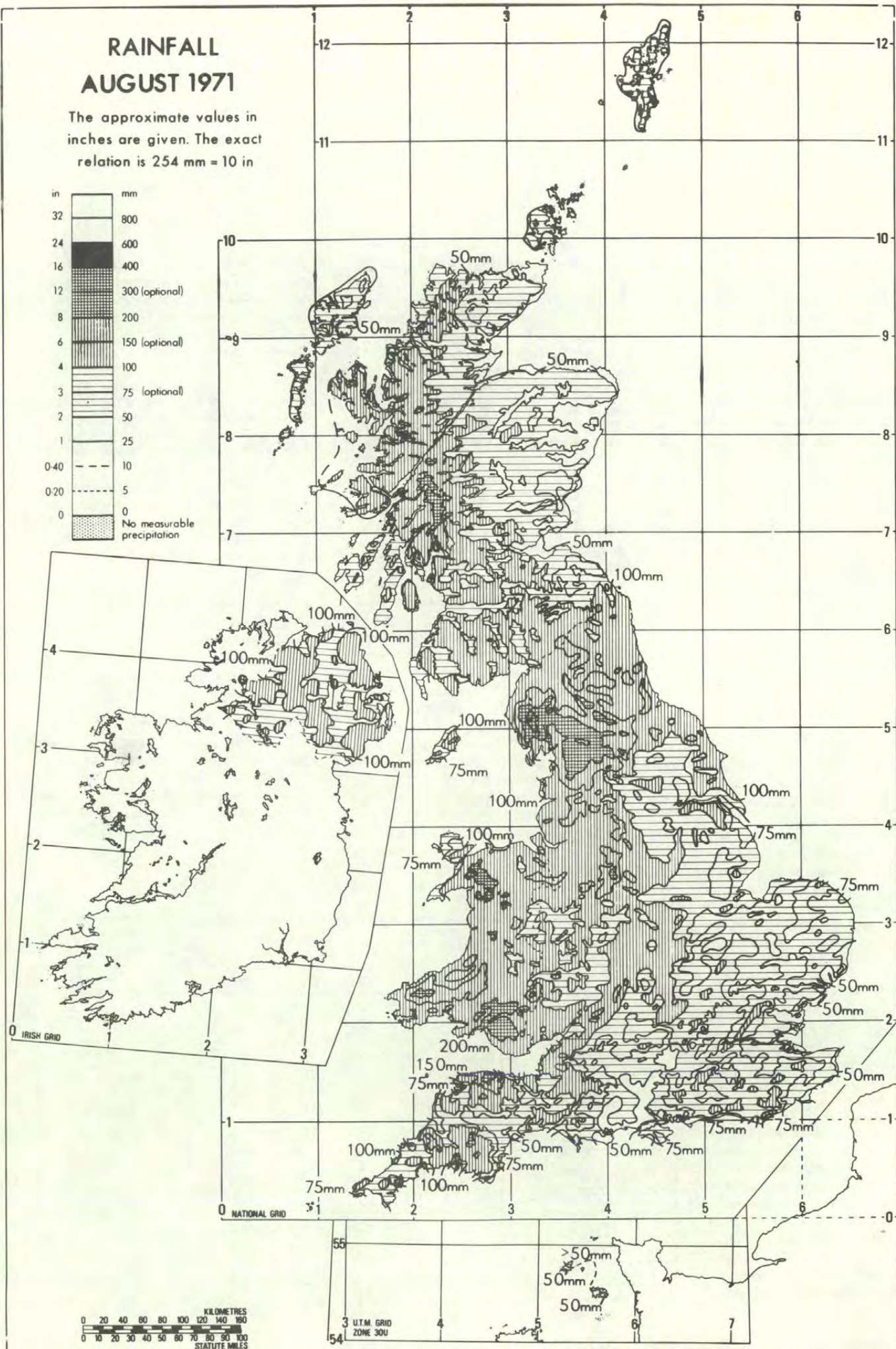
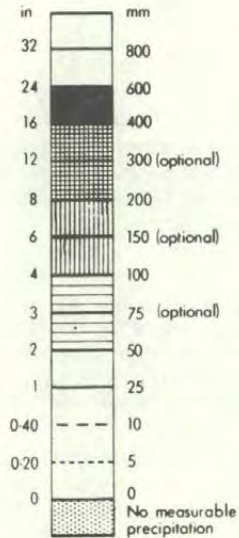
Miscellaneous phenomena

Whirlwinds were reported from Stanwell (Surrey) on the 5th, Haverhill (Suffolk) on the 7th and Pensnett (Staffordshire) on the 14th. At Haverhill, according to an estimate in the Press, the destructive wind caused damage to crops and farm buildings amounting to £10000. The aurora was seen by observers in Scotland on 11 nights and it was observed from Thirsk (North Riding of Yorkshire) on the 11th.

August 1971

RAINFALL AUGUST 1971

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



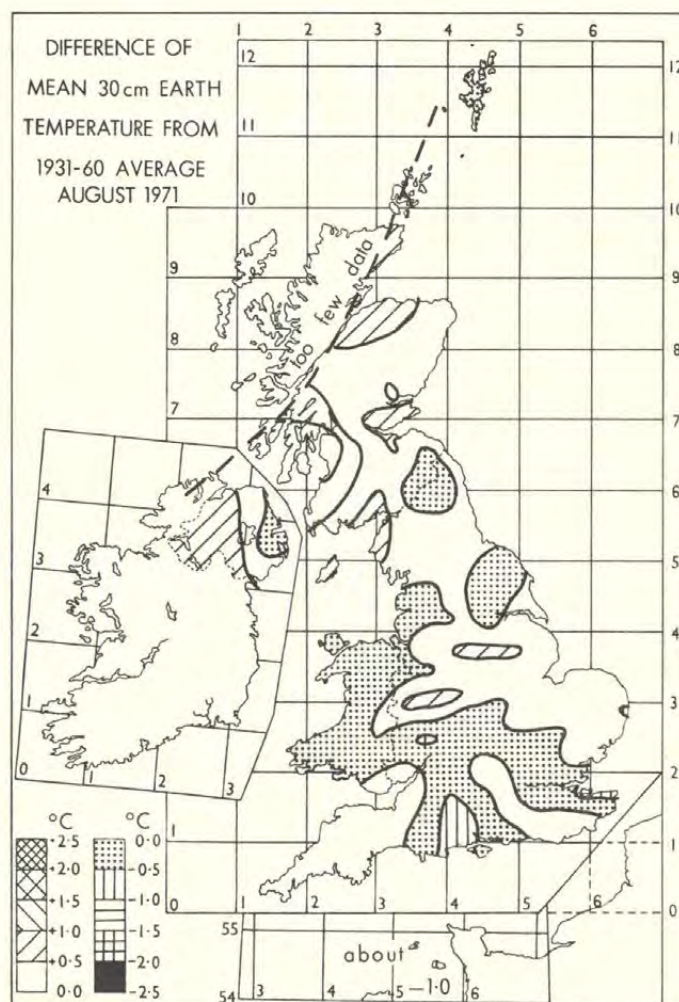
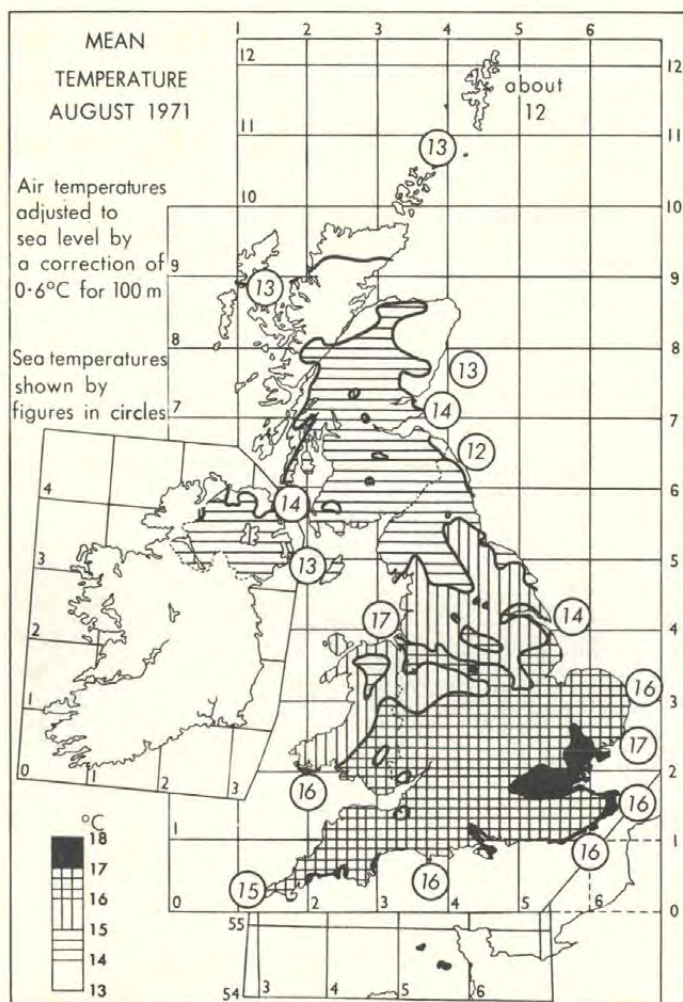
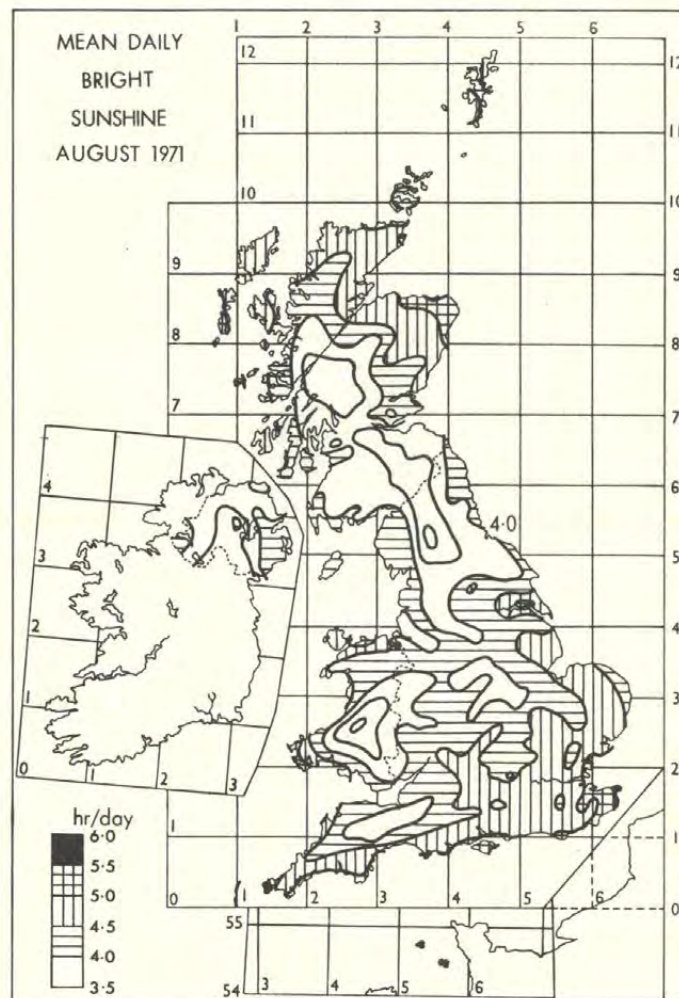
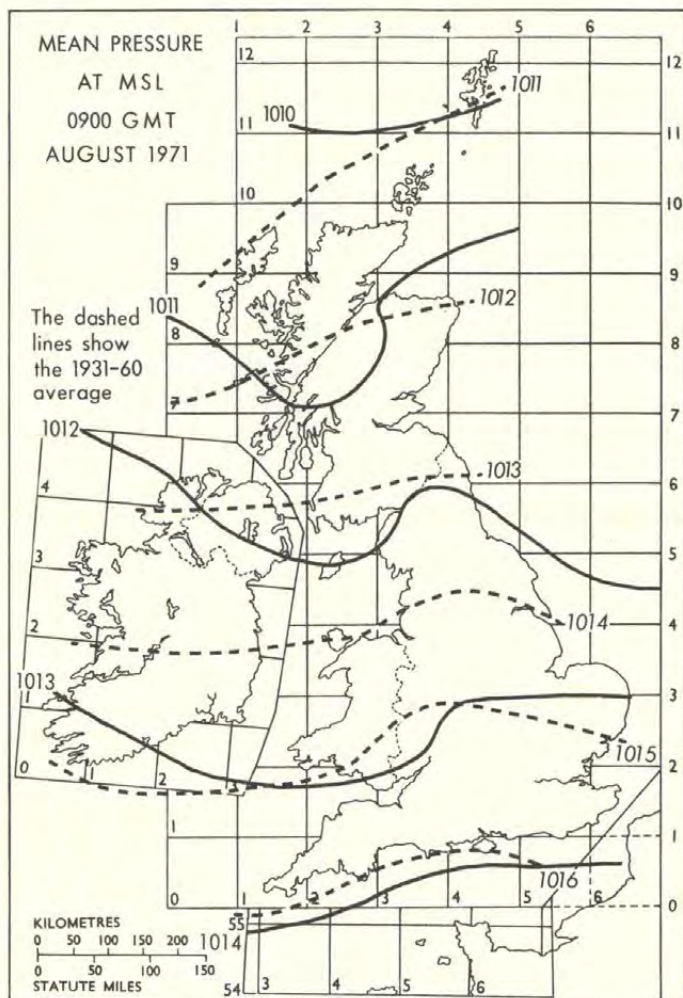


Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

AUGUST 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more														
1 SCOTLAND E — continued																																
Aberdeen — continued																																
Inverurie Sewage Works ...	99	54	17.9	8.9	13.4	-	21.8	20	1.1	18	-	-	36	-	14	4	11	8	0	0	0	0	0	0	0	2	-	0	4.75	-	-	
Fyvie Castle ...	99	66	-	8.1	-	-	-	-	0.0	18	-	-	63	84	27	4	17	9	0	0	0	0	1	-	0	1	-	0	4.85	-	-	
Craibstone ... ¶ § ±	99	91	17.1	9.3	13.2	-0.2	20.6	1	4.4	29	14.2	13.1	44	57	26	4	10	7	0	0	0	0	0	3	0	0	-	0	5.02	105	-	
Dyce ...	21-9	58	17.4	8.9	13.1	-0.5	21.6	1	1.4	18	-	-	56	71	28	4	9	6	0	0	0	0	1	0	0	2	0	0	5.17	-	-	
Aberdeen ...	99	52	16.7	9.8	13.3	-0.4	20.7	1	4.1	18	-	-	43	58	26	4	10	9	0	0	0	0	0	1	0	0	-	0	5.24	113	-	
Fraserburgh ...	21-9	18	16.4	10.5	13.5	-	21.5	25	6.9	29	-	-	42	-	14	4	17	9	0	0	0	0	0	3	0	0	0	0	5.43	-	-	
Kincardine																																
Fettercairn ...	99	171	17.0	9.3	13.1	-0.1	21.1	20	5.0	29	-	-	41	45	13	14	18	9	0	0	0	0	1	1	0	0	-	1	4.25	-	-	
Strachan ...	99	120	17.4	8.2	12.8	-	21.7	20	1.7	19	13.0	-	45	-	25	4	15	9	0	0	0	0	2	2	0	0	-	0	4.79	-	-	
Banchory ...	99	77	17.8	9.4	13.6	-	21.4	25	3.4	29	-	-	35	-	12	4	13	6	0	0	0	0	1	1	0	0	-	0	-	-	-	
Stonehaven ...	99	4	16.4	9.7	13.1	-0.8	20.6	1	5.0	27	-	-	39	55	(23)	4	11	6	0	0	0	0	0	0	-	0	-	0	4.70	108	-	
Angus																																
Mylnfield ... §	99	30	17.6	10.3	13.9	-	21.7	25	5.3	15	14.9	13.2	51	65	19	5	14	8	0	0	0	0	1	3	0	0	-	0	4.11	-	-	
Dundee ... ¶	99	45	18.3	10.7	14.5	0.0	21.9	16	7.4	15	15.8	-	46	54	11	5	15	9	0	0	0	0	1	3	0	0	-	0	4.28	-	-	
Glamis Castle ...	99	61	17.9	8.8	13.3	-	22.2	22	3.9	19	-	-	86	100	19	6	18	13	0	0	0	0	0	3	2	0	-	0	-	-	-	
Whitehills ...	99	258	17.0	8.1	12.5	-	22.1	20	1.7	29	-	-	53	51	19	1	17	10	0	0	0	0	0	0	0	1	-	0	-	-	-	
Buddon Ness ...	99	5	17.4	9.4	13.4	-0.4	21.3	16	1.2	18	-	-	82	110	18	6	13	13	0	-	0	0	1	0	0	-	-	0	-	-	-	
Carnoustie ...	99	9	17.5	9.2	13.3	-	21.4	16	5.1	27	-	-	51	67	9	1	12	10	-	-	-	-	0	0	-	-	-	-	4.98	-	-	
Arbroath ... §	99	28	16.8	10.6	13.7	-0.4	20.4	22	6.7	31	-	-	51	83	15	4	15	10	0	0	0	0	1	1	0	0	-	0	4.81	95	-	
Usan ...	21-9	30	16.0	10.4	13.2	-	18.9	1	6.7	29	-	-	52	-	17	4	17	8	0	0	0	0	0	1	0	0	0	0	4.57	-	-	
Montrose ...	99	57	17.2	9.9	13.5	-	21.1	1	4.4	18	-	-	47	66	14	4	15	9	0	0	0	0	0	0	0	0	-	0	-	-	-	
Perth																																
Aberfoyle ...	99	27	18.4	9.8	14.1	-	24.5	20	5.0	19,31	-	-	93	-	(21)	6	16	14	0	-	0	0	2	-	0	0	-	0	-	-	-	
Dall ...	99	232	17.3	8.4	12.9	-	24.4	20	3.6	19	-	-	82	-	19	31	17	12	0	0	0	0	0	0	0	0	-	1	-	-	-	
Callander ...	99	107	17.9	9.5	13.7	-	22.8	20	4.4	15	-	-	88	-	27	6	19	15	0	0	0	0	0	2	0	0	-	0	-	-	-	
Ardtnaig ...	99	130	18.2	10.4	14.3	-	25.9	20	6.0	8	-	-	59	60	14	27	20	13	0	0	0	0	1	1	0	0	-	0	3.39	-	-	
Drummond Castle ...	99	113	17.6	9.5	13.5	-	22.7	20	4.4	15	15.9	-	86	-	23	6	17	11	0	0	0	0	1	-	0	0	-	0	-	-	-	
Gleneagles ...	99	152	17.4	8.6	13.0	-	22.8	20	3.6	15	-	-	82	83	14	4	17	15	0	-	0	0	1	3	0	1	-	0	4.20	-	-	
Fowls Wester ...	99	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pitlochry ...	99	144	17.3	9.4	13.3	-	23.3	20,22	4.4	19	-	-	42	58	11	27	16	14	0	0	0	0	0	0	0	0	-	0	4.08	-	-	
Faskilly ...	99	94	18.0	9.9	13.9	-	23.9	20,22	5.0	19	15.9	14.8	39	53	9	27	16	11	0	0	0	0	1	0	0	0	-	0	-	-	-	
Ashintully Castle ...	99	341	16.7	8.2	12.5	-	22.3	22	3.9	31	-	-	54	-	12	27	17	13	0	0	0	0	1	1	0	0	-	0	-	-	-	
Strathallan ...	99	41	18.2	10.4	14.3	-	22.8	20	5.8	19	-	-	70	-	20	6	16	10	0	0	0	0	1	0	0	0	-	0	-	-	-	
Perth ...	99	23	18.5	10.8	14.7	+0.2	22.4	25	6.8	19,29	-	-	59	78	13	6	18	12	0	0	0	0	0	0	0	0	-	0	4.00	91	-	
Blaigowrie ...	99	70	17.9	9.6	13.7	-	(23.9)	20	5.0	29	15.7	-	61	83	16	6	17	10	-	-	-	-	-	0	4	-	-	0	4.17	-	-	
Kinross																																
Kinross ...	99	113	17.4	9.5	13.5	-	21.8	25	4.2	18	14.9	-	86	-	21	5	11	10	-	0	-	-	-	-	0	0	-	-	4.52	-	-	
Fife																																
Pitreevie ...	99	40	17.8	10.7	14.3	-	23.0	25	7.5	15,19,29	-	-	96	-	25	5	14	9	0	0	0	0	3	1	0	0	0	-	0	-	-	
Kirkcaldy ...	99	32	17.7	9.8	13.7	-0.8	20.8	26	5.9	18	-	-	67	80	16	5	13	11	0	0	0	0	2	2	0	0	-	0	4.53	-	-	
Cupar ...	99	25	18.1	9.9	14.0	-	22.2	25	5.6	18,29,31	15.6	-	50	70	17	5	12	8	0	0	0	0	1	2	0	0	-	0	4.16	-	-	
Leuchars ...	21-9	10	17.7	10.2	13.9	-0.6	22.6	25	4.9	18	-	-	61	89	22	5	12	8	0	0	0	0	1	3	1	0	0	-	0	4.41	90	-
St Andrews ...	99	18	17.7	11.1	14.4	-	22.1	25	5.8	18	15.8	14.4	65	-	25	6	12	8	-	0	-	-	-	2	0	0	-	0	4.59	95	-	
West Lothian																																
Livingston ...	99	125	17.3	9.6	13.5	-	22.2	25	4.4	18	-	-	117	-	23	4	20	15	-	-	-	-	5	0	0	-	-	-	-	-	-	
Midlothian																																
Turnhouse ...	21-9	35	17.9	10.4	14.1	-0.2	23.4	25	5.6	18	-	-																				

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

AUGUST 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	amount (mm)	most in a day	precip'n		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							0.2mm or more	1.0mm or more																
6a SCOTLAND W - continued																																		
Argyll - continued																																		
Campbeltown ...	99	12	-	-	-	-	-	-	-	-	-	-	(55)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Achaglachgach ...	99	12	17.9	9.7	13.8	-	22.2	19	3.9	15	-	-	-	79	-	13	26	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Knapdale Forest ...	99	40	17.2	10.1	13.7	-	21.8	21	4.4	15	-	-	-	151	-	27	5	24	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glenbranter ...	99	24	17.4	10.2	13.8	-	22.5	19	4.4	15	-	-	-	182	-	38	31	25	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glen Etive ...	99	24	17.7	10.1	13.9	-	24.2	21	2.7	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benmore Younger Botanic Gardens ...	99	12	17.7	10.7	14.2	-	23.2	20	4.2	15	-	-	-	134	74	20	26	24	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bute																																		
Kildonan ...	21-9	18	16.9	11.9	14.4	-	20.8	19	(9.3)	21	-	-	96	-	29	13	22	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brodrick Castle ...	99	15	18.0	11.2	14.6	-	22.9	20	7.2	14, 18	16.1	-	157	114	29	13	20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rothsay ...	¶ 5	99	43	17.7	11.3	14.5	+0.2	22.8	20	7.2	15	14.0	13.3	99	81	22	26	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Dunbarton																																		
Finnart ...	99	15	18.1	11.2	14.7	-	(22.6)	20	(7.0)	15	-	-	117	-	22	26	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Helensburgh ...	99	89	17.1	10.0	13.5	-0.8	22.5	20	5.5	15	-	-	100	80	14	5	19	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sloy ...	21-9	12	17.7	11.2	14.5	-	22.4	20	6.2	8	-	-	164	-	25	31	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cumbernauld ...	99	94	17.6	10.0	13.8	-	22.4	20	5.1	31	-	-	159	-	60	5	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stirling																																		
Earls Hill ...	21-9	335	15.5	9.1	12.3	-	20.5	20	5.0	15	-	-	132	-	37	6	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Stirling Batterflats ...	99	38	18.6	10.3	14.5	-	22.8	20	5.8	15	16.2	15.2	89	-	25	5	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Parkhead ...	99	107	18.1	10.7	14.4	-	22.4	20	6.7	29	16.5	-	70	-	17	5	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falkirk Sewage Works	99	3	18.1	10.7	14.4	-	22.4	25	6.2	19	-	-	92	-	31	5	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grangemouth ...	99	4	18.4	11.3	14.9	-	23.6	25	(6.7)	29	-	-	79	-	22	5	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grangemouth Refinery	99	2	18.2	11.3	14.7	-	22.7	25	8.0	15	-	-	107	-	45	5	14	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Renfrew																																		
Greenock ...	99	61	17.0	11.6	14.3	-0.5	22.1	20	8.4	15	-	-	105	89	19	6	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paisley ...	99	32	17.9	11.6	14.7	-0.6	23.3	20	8.3	15	15.1	13.9	99	108	19	4	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barrhead ...	99	30	17.8	10.9	14.3	-	23.3	20	5.7	18	-	-	92	96	14	5	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Abbotsinch ...	¶ 5	21-9	5	18.0	10.6	14.3	-0.5	23.5	20	5.8	15	-	100	117	29	5	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lanark																																		
Crossmyloof ...	99	23	18.4	10.7	14.5	-	23.6	20	6.1	8	-	-	105	-	23	5	17	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
East Kilbride ...	99	178	16.7	10.0	13.3	-	21.9	20	6.8	18	-	-	116	-	20	13	21	16	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Glasgow, Springburn	99	107	17.3	10.8	14.1	-0.5	23.1	20	6.8	15	-	-	124	132	24	5	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Coatbridge ...	99	78	17.6	10.4	14.0	-0.4	23.9	20	7.2	15, 18, 19	-	-	88	102	21	5	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salsburgh ...	21-9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leadhills ...	99	387	16.5	8.8	12.7	+0.1	21.7	20	3.3	21	-	-	123	90	51	13	22	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crawfordjohn ...	99	274	16.1	8.5	12.3	-	21.4	20	2.0	19, 21	14.2	-	87	-	32	13	17	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lanark ...	99	152	17.4	9.9	13.7	-	22.2	20	5.6	18, 19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carnwath ...	99	208	17.3	7.8	12.5	-0.5	21.8	20	-1.9	8	14.4	-	91	110	25	13	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Camps Reservoir ...	99	295	15.9	8.7	12.3	-	20.9	20	2.7	21	-	-	86	80	24	13	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ayr																																		
Girvan ...	99	8	17.4	11.9	14.7	-	21.9	3	8.4	18	-	-	80	-	17	13	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hunterston ...	99	8	17.7	11.9	14.8	-	22.2	3, 21	8.0	15	-	-	42	-	10	1	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Barr ...	99	122	17.5	9.2	13.3	-	22.2	19	4.4	8	-	-	107	-	(19)	13	18	15	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Auchincruive ...	¶	99	45	17.6	10.8	14.2	-0.3	21.8	3	6.5	18	14.9	13.9	77	87	17	13	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Prestwick ...	21-9	16	17.9	10.9	14.4	-	22.3	3	6.4	18	-	-	99	120	19	31	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kilmarnock ...	99	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dumfries																																		
Dumfries ...	¶ 5	99	49	17.8	10.9	14.3	-0.4	23.8	20	7.3	15	16.1	15.1	100	99	25	13	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eskdalemuir ...	5	21-9	242	16.4	8.9	12.7	-	21.7	20	4.2	8	14.4	13.1	103	74	23	13	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	¶			16.5	8.9	12.7	-0.5	21.8	20	4.3	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kirkcudbright																																		
Bargrennan ...	99	110	17.7	8.9	13.3	-	23.3	20, 21	4.4	8	-	-	95	77	15	1, 8	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Palnure ...	99	15	17.5	10.1	13.8	-	22.5	21	6.2	8, 15, 21	-	-	94	85	16	1	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Clatteringshaws ...	99	178	16.7	9.7	13.2	-	22.1	20	5.1	8	-	-	129	76	28	13	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Glenlee ...	99	55	18.1	9.8	13.9	-0.4	23.4	20	5.1	19	-	-	97	79	21	13	17	13	-	0	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dundeach ...	99	119	17.6	8.6	13.1	-	22.6	20	2.4	8	13.3	-	86	71	17	13	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St Marys Isle ...	99	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Girdlingwood ...	99	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenlochar Barrage ...	99	73	18.0	10.2	14.1	-	22.1	20	5.6	10	-	-	125	113	29	1	21	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Threave ...	99	73	17.9	10.3	14.1	-	24.1	20	6.2	15	15.9	-	125	106	29	1	18																	

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

AUGUST 1971

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 1915-50 average	most in a day		precip'n 0.2mm or more 1.0mm or more	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 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																	
2 ENGLAND NE — continued																																	
Yorkshire N Riding																																	
Leeming ...	21-9	32	18.8	11.1	14.9	-	22.9	26	5.7	16	-	-	165	246	48	13	15	11	0	0	0	0	0	0	0	0	0	0	0	0	3.57	-	-
Marton ...	99	46	18.4	11.3	14.9	-	22.6	25	7.2	16	15.5	14.6	154	-	38	13	16	14	0	0	0	0	1	-	0	0	0	0	0	3.81	-	-	
York (Heslington) ...	99	20	19.2	-	11.4	15.3	22.3	20	3.8	16	16.5	16.1	82	-	25	10	15	9	0	0	0	0	1	1	0	0	0	0	0	4.43	-	-	
Redcar ...	99	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Pickering ...	99	44	18.9	10.4	14.7	-	22.2	2	1.8	16	-	-	94	-	18	12	18	12	0	0	0	0	3	0	0	1	-	0	-	-	-		
Scarborough ...	99	53	(18.2)	(12.2)	(15.2)	-	21.4	2,26	(6.7)	(16)	(16.2)	(15.0)	147	-	49	10	16	14	-	0	-	-	-	-	0	0	0	-	-	-	-	-	
Silpho Moor ...	99	203	17.3	10.3	13.8	-	20.8	26	6.2	17	14.5	-	124	-	34	10	22	13	0	0	0	0	1	3	0	0	0	0	3.99	-	-		
Whitby Coastguard ...	21-9	60	17.4	10.8	14.1	-	22.3	2	6.0	17	-	-	91	-	39	10	13	9	0	0	0	0	0	1	0	0	0	1	-	-	-		
Yorkshire E Riding																																	
High Mowthorpe ...	99	175	18.3	10.6	14.5	-	21.7	26	4.3	18	(14.9)	-	94	125	20	3	19	14	-	0	-	-	-	0	0	0	0	0	3.61	-	-		
Hull ...	99	2	20.1	12.3	16.2	-0.3	23.3	6,26	8.3	16	16.9	15.5	100	151	23	3	16	11	0	0	0	0	1	0	0	0	0	0	5.07	96	-		
Filey ...	99	37	17.8	11.4	14.6	-	21.3	2	4.5	16	-	-	143	213	51	10	20	12	0	0	0	0	3	0	0	0	0	0	4.13	-	-		
Bridlington ...	99	48	18.1	11.3	14.7	-0.2	22.1	4	4.3	16	-	-	148	221	74	10	18	12	0	0	0	0	2	0	0	0	0	0	4.08	74	-		
Kilnsea ...	21-9	12	18.4	13.0	15.7	-	22.5	8	9.7	16	-	-	100	-	38	3	11	10	0	0	0	0	5	0	0	0	-	1	4.84	-	-		
Lincoln																																	
Waddington ...	5	21-9	68	19.5	11.7	15.6	-0.5	22.6	28	7.3	16	-	103	-	16	3	16	12	0	0	0	0	3	1	0	0	0	0	4.52	79	-		
Lincoln ...	99	7	20.1	10.9	15.5	-0.4	23.3	28	2.8	17	16.9	15.7	85	146	18	3	16	12	0	0	0	0	1	0	0	0	0	0	4.53	-	-		
Cranwell ...	99	62	19.9	11.2	15.5	-0.5	22.6	28	5.5	16	17.0	16.8	67	122	12	9	18	10	0	0	0	0	1	1	0	0	0	0	4.20	75	-		
Brigg ...	99	3	20.0	11.1	15.5	-	22.8	26	5.0	17	-	-	92	-	18	14	16	11	0	0	0	0	3	0	0	1	-	0	-	-	-		
Binbrook ...	21-9	108	18.6	11.4	15.0	-	22.5	28	6.2	16	-	-	78	-	16	13	17	13	0	0	1	0	4	0	0	0	0	0	-	-	-		
Cleethorpes ...	99	7	(19.3)	12.5	(15.9)	(-0.3)	23.7	2	7.9	16	-	-	37	69	11	3	8	8	-	0	-	-	-	0	0	0	0	-	4.05	72	-		
Manby ...	21-9	17	19.9	11.7	15.8	-	23.6	1	6.0	16	17.1	-	84	150	15	3	18	14	0	0	0	1	4	0	0	0	0	0	4.61	-	-		
Skegness ...	99	5	19.6	12.9	16.3	+0.3	23.3	28	6.1	16	-	-	79	147	13	3	14	13	0	0	0	0	0	0	0	0	0	0	4.92	87	-		
3 ENGLAND E																																	
Norfolk																																	
Terrington St. Clement ...	99	4	20.4	11.8	16.1	-0.2	23.9	9	5.0	16	16.6	-	71	147	17	3	15	10	0	0	0	0	2	0	0	0	0	0	4.51	79	-		
Marham ...	21-9	23	21.0	12.1	16.5	-	25.0	9	5.0	16	-	-	71	-	35	3	16	10	0	0	0	0	3	0	0	0	0	0	-	-	-		
Santon Downham ...	99	24	21.1	11.3	16.2	-	25.4	19	3.9	17	16.7	15.6	77	123	30	7	18	9	-	0	-	-	-	-	0	2	-	0	4.18	-	-		
West Raynham ...	21-9	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
East Dereham ...	99	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Morley St Botolph ...	99	48	21.2	11.8	16.5	-	24.8	19	6.4	16	16.9	-	85	-	38	3	16	12	0	0	0	0	0	-	0	0	0	0	4.68	-	-		
Cromer ...	99	54	(19.4)	(13.1)	(16.3)	(-0.3)	23.4	28	8.3	(8), 16	-	-	99	176	29	7	10	8	0	-	0	0	2	0	0	-	0	-	(4.60)	(79)	-		
Coltishall ...	21-9	17	20.5	12.5	16.5	-	24.4	9	6.6	17	-	-	81	-	16	3	18	12	0	0	0	0	3	1	0	0	0	0	-	-	-		
Burlingham ...	99	27	19.7	12.6	16.1	-	23.9	9	7.8	8	-	-	54	102	13	7	13	9	0	0	1	0	2	0	0	0	0	0	5.02	-	-		
Gorleston ...	21-9	4	19.8	13.9	16.9	+0.4	23.9	28	8.9	8	17.6	16.0	79	155	32	7	14	10	0	0	0	0	3	1	0	0	0	0	5.18	85	-		
Suffolk																																	
Brooms Barn ...	99	75	20.8	(12.3)	(16.5)	-	25.0	19	7.9	25	17.2	16.1	54	-	17	4	18	10	0	0	1	0	2	1	0	0	0	0	4.39	-	-		
Honington ...	99	51	20.6	12.5	16.5	-	24.9	19	7.8	16	-	-	67	-	17	4	17	11	0	0	0	0	2	1	0	0	0	0	-	-	-		
East Bergholt ...	99	4	21.3	(13.3)	(17.3)	-	27.8	19	5.6	17	-	-	64	120	14	3	16	11	-	0	-	-	-	0	0	0	0	-	-	-	-		
Wattisham ...	21-9	89	20.2	12.4	16.3	-	25.1	19	6.9	8	-	-	73	133	23	7	17	11	0	0	0	1	3	0	0	0	0	0	4.70	-	-		
Lowestoft ...	99	25	20.6	12.1	16.3	-0.2	24.4	28	8.2	8	17.9	16.6	56	104	12	20	15	13	0	0	0	0	2	0	0	0	0	0	5.21	86	-		
Cambridge																																	
Boxworth ...	99	44	20.6	12.1	16.3	-	25.1	19	6.9	25	-	-	55	125	22	3	18	12	0	0	0	0	2	0	0	0	0	0	(4.90)	-	-		
Mepal ...	99	1	20.9	(10.8)	(15.9)	-	24.6	9	2.8	25	17.1	-	79	-	34	3	14	14	0	0	0	0	1	0	0	0	0	0	4.52	-	-		
March ...	99	2	(21.0)	(11.8)	(16.4)	-	24.9	9	7.0	17	-	-	64	133	18	3	17	12	-	0	-	-	-	-	0	-	-	-	-	-	-		
Cambridge																																	
Botanic Gardens ...	99	12	20.9	12.3	16.6	-0.1	26.1	19	6.1	16	17.4	16.6	59	124	20	3	18	15	0	-	0	0	1	0	0	0	0	0	-	-	-		
N I A B ⁶ ...	99	26	20.8	(12.2)	(16.5)	(-0.2)	25.6	19	6.7	25	-	-	57	122	24	3	18	13	0	0	0	0	1	0	0	0	0	0	4.75	83	-		
Huntingdon																																	
Monks Wood ...	99	40	20.7	11.3	16.0	-	24.4	1	3.9	17	16.3	15.2	45	-	14	3	17	10	-	0	-	-	-	0	0	0	0	-	4.78	-	-		
Wytton ...	21-9	39	20.5	12.3	16.4	-	24.5	9	7.2	25	-	-	92	184	29	3	16	12	0	0	0	0	5	0	0	0	0	0	-	-	-		
Bedford																																	
Woburn ...	99	89	20.0	11.6	15.8	-0.2	24.7	19	4.5	16, 17	16.8	15.1	85	145	12	3	19	18	0	0	0	0	5	0	0	0	0	0	4.37	77	-		
Silsoe ...	99	61	20.6	12.0	16.3	-	26.6	19	5.2	17	17.1	16.4	97	179	20	14	19	15	0	0	0	0	5	0	0	0	0	0	4.76	-	-		
Cardington ...	21-9	28	20.5	11.7	16.1	-0.1	25.9	19	4.5	17	16.9	16.0	73	153	15	14	18	15	0	0	0	0	7	2	0	0	0	0	4.39	-	-		
Luton ...	99	159	(19.8)	12.1	(15.9)	-	(26.2)	(19)	7.5	16	17.5	(16.1)	79	-	15	5	16	16	-	0	-	-	-	3	0	0	0	-	4.36	-	-		
Hertford																																	
Aldenham School ...	99	91	21.0	11.8	16.4	-	26.7	19	6.4	8	17.7	-	60	-	15	4	19	14	0	0	0	0	4	0	0	0	0	0	-	-	-		
Garston ...	99	78	20.4	(12.3)	16.3	-	27.0	19	6.8	17	-	-	58	101	10	4	19	15	-	0	-	-	-	0	0	0	0	0	4.76	-	-		
Rothamsted ...	99	128	19.7	11.7	15.7	-0.3	26.8	19	6.5	17	16.2	14.5	64	110	12	14	19	14	0	0	0	0	5	0	0	0	0	0	4.20	74	-		
St Albans ...	99	83	20.3	(12.3)	(16.3)	(0.0)	27.2	19	7.1	8	17.2	-	61	114	14	4	17	12	0	0	0	0	0	0	0	0	0	0	4.93	-	-		
Letchworth ...	99	64	-	-	-	-	-	-	-	-	-	-	75	144	18	5	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-		
Stanstead Abbots ...	99	30	(21.2)	(11.6)																													

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 1931-60 average	most in a day		precip'n		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 1931-60 average	exposure				
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more																	
4 MIDLAND COUNTIES — continued																																			
Yorkshire W Riding — continued																																			
Huddersfield	§	99	99	19.2	(11.3)	(15.3)	-	22.9	20	5.8	17	16.1	15.3	102	148	32	10	16	9	-	0	-	-	-	1	0	0	0	-	-	-	(4.15)	(91)	-	-
Huddersfield Oakes	¶	21-9	235	18.7	10.6	14.7	-0.5	24.2	26	6.5	16	15.3	13.9	119	146	32	10	19	15	0	0	0	0	2	6	0	0	0	0	-	-	4.05	85	-	-
Bradford	¶	99	136	18.4	11.1	14.7	-0.5	22.2	26	5.5	16	15.4	14.9	95	124	35	10	18	11	0	0	0	0	0	1	0	0	-	-	-	4.09	84	S	-	
Ilkley	¶	99	94																																
Sheffield	¶	99	131	(19.3)	11.8	(15.5)	(-0.5)	22.9	26	7.6	17	(16.6)	15.6	102	144	24	10	16	13	0	0	0	0	3	-	0	0	-	-	-	3.91	81	-	-	
Pontefract	¶	99	78	19.0	11.2	15.1	-0.4	22.5	20	6.9	16	-	-	54	86	17	3	12	8	0	0	0	0	0	2	0	0	-	-	-	-	-	-	-	
Bramham	¶	99	54																																
Cawood	¶	99	6	19.5	10.4	14.9	-	22.8	26	3.3	16	16.1	15.7	98	154	34	10	15	8	0	0	0	0	1	0	0	0	-	-	-	4.17	-	-	-	
Askham Bryan	¶	99	34	19.6	11.1	15.3	-	22.5	20	6.2	16	-	-	104	153	36	10	13	8	0	0	0	0	0	3	0	0	-	-	-	4.43	92	-	-	
Derby																																			
Buxton	¶	99	307	17.2	10.3	13.7	-0.3	21.8	25	4.3	17	15.3	14.6	147	140	23	13	19	16	0	0	0	0	2	3	0	0	-	-	-	-	-	-	-	
Mackworth	¶	99	89	19.6	10.7	15.1	-	24.0	9	4.0	16	-	-	108	-	20	10	14	13	-	0	-	-	-	0	0	-	-	-	-	-	-	-	-	
Ashover	¶	99	186	18.6	10.8	14.7	-	22.8	20	5.0	16	-	-	117	-	26	10	18	12	0	0	0	0	4	4	0	0	-	-	-	4.07	-	-	-	
Derby	¶	99	48	20.2	11.9	16.1	-	23.6	20,26	6.1	16	-	-	109	166	19	13	14	13	0	0	0	0	4	0	0	0	-	-	-	3.80	-	-	-	
Morley	¶	99	107	19.9	10.4	15.1	-	23.2	21	4.4	16	-	-	120	174	18	10	15	14	-	0	-	-	-	1	0	0	-	-	-	(3.71)	-	-	-	
Wingerworth	¶	99	126	18.7	10.2	14.5	-	22.4	20	3.6	17	17.1	-	127	-	37	10	19	13	0	0	0	1	6	3	0	1	-	-	-	4.08	-	-	-	
Nottingham																																			
Sutton Bonington	¶	99	48	20.2	10.9	15.5	-0.4	23.1	20	4.3	16,17	16.3	15.6	81	145	15	13	15	10	0	0	0	1	0	0	1	-	-	-	4.19	83	-	-		
Watnall	¶	21-9	117	19.5	11.3	15.4	-0.4	23.0	20	6.0	16	-	-	117	177	19	10	15	13	0	0	1	0	5	0	0	0	0	-	-	3.49	69	-	-	
Mansfield	¶	99	110	18.3	(11.0)	(14.7)	(-1.1)	22.4	26	5.0	10	16.4	-	117	185	29	10	16	12	0	0	0	0	1	0	0	0	-	-	-	-	-	-		
Nottingham	¶	99	59	20.1	12.1	16.1	-0.3	23.4	26	6.1	16	16.6	16.5	99	165	16	13	17	14	0	0	1	0	1	0	0	0	-	-	3.87	80	-	-		
Warsop	¶	99	46	19.7	10.1	14.9	-	23.1	20	3.3	16	-	-	93	164	22	10	14	12	-	0	-	-	-	2	0	1	-	-	-	4.14	-	-	-	
Finningley	¶	21-9	10	20.2	11.4	15.8	-0.7	23.6	20	7.4	26	-	-	74	134	14	14	14	10	0	0	0	-	4	0	0	0	0	0	0	4.20	-	-	-	
Leicester																																			
Newtown Linford	¶	99	119	19.8	10.8	15.3	-	24.6	9	4.1	16	-	-	111	173	19	3	15	13	0	0	0	0	3	1	0	1	-	-	3.78	-	-	-		
Caldecott	¶	99	53	20.2	10.6	15.4	-	24.0	9	2.7	17	-	-	71	130	24	9	16	11	-	0	-	-	-	0	0	0	-	-	3.98	-	-	-		
Northampton																																			
Bugbrooke Mills	¶	99	69	(20.8)	10.9	(15.9)	-	24.4	9	3.3	17	15.7	15.1	95	180	27	10	15	12	-	0	-	-	-	0	0	-	-	-	4.60	-	-	-		
Raunds	¶	99	59	20.5	11.4	15.9	-0.4	25.0	9	4.4	17	17.4	15.6	48	90	11	3	15	9	0	0	0	0	2	0	0	0	-	-	4.08	78	-	-		
Wittering	¶	99	65	20.3	11.7	16.0	+0.2	24.5	9	6.4	16	-	-	66	120	23	9	16	8	0	0	0	1	0	5	0	0	0	0	3.91	-	-	-		
Warwick																																			
Birmingham	¶	99	137							5.6	16	-	-	110	157	19	9	14	12	-	0	-	-	-	0	0	-	-	-	-	-	-	-		
King Edward School	¶	99	137																																
Edgbaston	¶	21-9	163	19.5	12.3	15.9	-0.1	24.0	9	7.6	16	14.0	-	106	151	20	9	16	10	0	0	1	0	7	0	0	0	0	0	4.26	83	-	-		
Luddington	¶	99	56	20.4	11.8	16.1	-	23.1	28	4.3	16	-	-	112	-	37	9	16	11	0	0	0	0	4	1	0	0	-	-	4.55	-	-	-		
Stratford	¶	99	49	(20.6)	(11.1)	(15.9)	-	23.5	26	3.3	16	(17.4)	-	119	208	38	9	14	10	0	0	0	0	2	0	0	0	-	-	4.14	-	-	-		
Elmdon	¶	21-9	96	20.1	11.1	15.6	-	23.8	9	4.1	16	-	-	136	-	26	9	17	12	0	0	2	0	5	0	1	0	0	-	-	4.39	-	-	-	
Shipston-on-Stour	¶	99	111	20.1	(11.5)	(15.8)	-	23.5	9	5.7	16	16.0	-	112	184	40	9	17	11	0	0	0	0	4	0	0	0	-	-	4.34	-	-	-		
Wellesbourne	¶	99	47	(20.6)	(11.8)	(16.2)	-	25.2	2	4.9	17	-	-	(130)	(222)	37	9	(16)	(12)	-	(0)	-	-	-	-	0	-	-	-	3.90	-	-	-		
Moreton Morrell	¶	99	85	(20.4)	(11.9)	(16.1)	-	23.8	8	5.8	16	-	-	135	228	40	8	18	13	0	0	0	0	2	0	0	0	-	-	(4.21)	-	-	-		
Rugby	¶	99	117	20.3				25.3	9	4.7	16	16.9	16.4	113	188	31	9	16	13	0	0	1	0	4	-	0	0	0	1	-	-	-	-		
Oxford																																			
Brize Norton	¶	21-9	84	20.4	12.0	16.2	-	23.1	25,26	5.8	16	-	-	74	-	20	3	18	12	0	0	0	0	6	0	0	0	-	-	-	-	-	-		
Oxford	¶	99	63	20.3	12.7	16.5	-0.4	23.1	9	7.8	17	18.1	16.9	193	234	33	3	20	15	0	0	1	0	6	0	0	0	-	-	4.33	76	-	-		
Shirburn Model Farm	¶	99	108	20.3	12.1	16.2	-	24.2	19	6.7	16	17.6	-	93	-	27	28	20	15	0	0	0	0	4	1	0	0	-	-	-	-	-	-		
Buckingham																																			
Medmenham	¶	99	30	20.5	11.1	15.8	-	25.5	19	4.0	8,17	-	-	77	-	14	20	18	13	-	-	-	-	-	0	3	-	-	-	-	-	-	-		
Grendon Underwood	¶	99	67	20.3	11.0	15.7	-	24.0	19	2.9	17	16.3	15.2	89	-	16	18	14	13	0	0	0	0	3	-	0	0	-	-	4.36	-	-	-		
Aylesbury	¶	99	96	20.4	12.1	16.3	-	25.7	19	6.2	16	-	-	73	128	27	5	18	12	0	0	0	0	3	0	0	-	-	-	4.83	-	-	-		
Stafford																																			
Keele	¶	99	179	18.4	10.9	14.7	-	21.7	20	6.7	16	15.2	13.9	137	175	29	10	18	14	0	0	1	0	5	0	0	0	-	-	4.35	-	S	-		
Oaken	¶	99	125	19.5	10.9	15.2	-	22.2	17,25	5.0	17	16.6	-	112	-	28	9	15	14	-	0	-	-	-	0	0	0	-	-	-	-	S	-		
Stone	¶	99	107	19.1	10.4	14.7	-	22.0	20	3.3	16	-	-	151	210	33	10	18	16	-	0	-	-	-	1	0	0	-	-	4.13	-	-	-		
Penkridge	¶	99	101	(19.4)	(10.9)	(15.1)	-	21.8	25	4.1	16	-	-	97	146	20	9	16	14	-	0	-	-	-	0	0	0	-	-	-	-	-	-		
Shropshire																																			
Oswestry	¶	99	174	18.3	11.2	14.7	-	21.6	20	6.8	16	-	-	115	140	35	9	17	16	-	0	-	-	-	0	0	0	-	-	-	-	S	-		
Church Stretton	¶	-	183																																
Shrewsbury	¶	99	56	19.8	11.5	15.7	-0.3	22.3	6	3.8	16	17.4	17.1	101	177	29	9	17	12	0	-	0	0	3	1	0	0	-	-	4.38	86	-	-		
Shawbury	¶	21-9	72	19.4	11.0	15.2	-0.5	22.8	25	4.3	16	-	-	104	163	29	9	19	13	0	0	0	1	5	0	0	1	0	0	3.90	-	-	-		
Clee Hill	¶	21-9	504																																
Bridgnorth	¶	-	-																																

Table 3 Summary of daily observations

For meaning of symbols \bar{x} , s , \pm , S used below see Notes in the Introduction

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[illegible]

⁷ Kew. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a north-wall screen.

Table 3 Summary of daily observations

For meaning of symbols see below see Notes in the Introduction.

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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 1931-60 average	most in a day	precip'n		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 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date						0.2mm or more	1.0mm or more																
5 ENGLAND SE — continued																																	
Wiltshire																																	
Lacock ...	99	49	20.4	11.1	15.7	-	23.9	25	5.3	17	-	-	29	44	5	14	18	11	-	0	-	-	-	0	0	0	0	0	0	-	-	-	-
Lynham ...	21-9	145	19.5	12.0	15.7	-0.2	22.5	25	7.7	10	-	-	76	121	18	19	18	14	0	0	2	0	4	0	0	0	0	0	0	4.13	-	-	-
Larkhill ...	99	132	20.0	12.0	16.0	+0.1	23.8	25	7.0	16	-	-	45	79	10	13	17	13	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
Boscombe Down ...	21-9	126	20.1	11.9	16.0	-0.1	23.0	25	4.9	16	-	-	42	71	7	13	17	13	0	0	0	0	4	0	0	0	0	0	0	4.76	-	-	-
Upavon ...	21-9	176	19.8	11.8	15.8	-	23.0	25	7.9	8	-	-	61	94	18	5	15	14	0	0	0	0	4	0	0	0	0	0	0	-	-	-	-
Porton ...	99	111	20.1	11.5	15.8	-0.1	23.0	25	4.9	16	15.9	-	45	77	8	18	16	11	-	0	-	-	-	0	0	0	0	-	4.29	70	-	-	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ...	99	13	18.4	11.9	15.1	-	23.0	1	7.8	8	-	-	140	129	27	12	17	12	-	0	-	-	-	2	0	0	0	-	4.30	-	-	-	
Bromfield ...	99	20	18.4	10.7	14.5	-	23.0	20,25	5.8	21	-	-	120	-	26	13	18	15	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Carlisle ...	21-9	26	18.3	11.2	14.7	-	23.4	25	7.0	15,23	-	-	119	-	36	13	19	14	0	0	0	0	0	0	0	0	0	0	4.01	-	-	-	
Newton Rigg ...	99	171	17.4	10.5	13.9	-0.4	22.0	20	7.2	18	15.8	-	143	170	48	13	18	14	-	0	-	-	-	(0)	0	0	0	-	3.99	84	-	-	
Westmorland																																	
Great Dun Fell ...	21-9	847	11.5	7.2	9.3	-	16.5	25	3.5	15	-	-	-	-	-	-	-	-	-	0	-	-	-	22	0	-	-	-	2.53	-	-	-	
Moor House ...	99	556	14.3	8.0	11.1	-	18.6	25	3.3	18	12.0	-	187	82	33	13	23	17	-	0	-	-	-	4	0	2	-	-	3.53	-	-	-	
Lancashire																																	
Squires Gate ...	21-9	10	18.6	12.2	15.4	-0.3	23.3	25	5.3	17	-	-	113	127	29	13	18	13	0	0	0	0	0	0	0	0	0	0	4.41	77	-	-	
Aigburth ...	99	14	19.0	12.2	15.6	-	22.0	25	8.5	17	-	-	113	-	43	10	14	13	0	0	0	0	0	0	0	0	0	0	4.69	-	-	-	
Southport ...	99	5	18.4	11.7	15.1	-	22.8	25	5.6	17	16.0	13.7	113	129	32	10	16	13	-	0	-	-	-	0	0	0	0	-	4.86	-	-	-	
Cartmel ...	99	34	18.3	11.3	14.8	-	23.9	20	4.8	16	-	-	174	-	39	28	17	13	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Grizedale ...	99	91	17.7	10.3	14.0	-	23.0	20	3.8	16	15.6	-	258	-	52	28	21	16	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Speke ...	21-9	22	19.5	12.1	15.8	+0.3	23.1	25	6.9	17	-	-	119	150	42	10	13	13	0	0	0	0	0	0	0	0	0	0	4.49	-	-	-	
Kirkham ...	99	24	18.3	11.5	14.9	-	22.4	25	5.9	17	-	-	120	119	26	13	16	14	0	0	0	0	0	0	0	0	0	0	(4.25)	-	-	S	
Bailrigg ...	99	53	18.0	11.8	14.9	-	22.1	20	6.2	16	-	-	141	-	22	12.8	18	15	-	0	-	-	-	0	0	0	0	-	4.41	-	-	-	
Morecambe ...	99	7	18.0	13.1	15.9	0.0	23.8	25	8.6	17	-	-	133	133	26	28	20	13	0	0	0	0	0	0	0	0	0	0	4.36	78	-	-	
Preston ...	99	33	18.5	11.7	15.1	-	23.1	20	6.3	17	-	-	123	117	34	10	16	11	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Bolton ...	99	107	18.3	11.2	14.7	-	22.5	20	6.1	8	15.0	(14.4)	131	-	20	10	18	14	-	0	-	-	-	0	0	0	0	-	4.36	-	-	-	
Stonyhurst ...	99	115	18.1	11.2	(14.7)	(-0.4)	24.0	20	6.2	16	-	-	158	126	32	10	18	15	-	0	-	-	-	0	0	0	0	-	3.87	78	-	-	
Manchester W/Centre ...	99	260	17.0	10.9	13.9	-	21.2	20	6.8	17	14.3	-	150	99	31	10	21	15	-	0	-	-	-	1	0	0	0	-	3.94	-	S	-	
Helmshore ...	99	200	16.9	(11.2)	(14.1)	-	22.3	20	7.4	17	14.7	13.7	145	-	30	13	18	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Burnley ...	99	165	17.8	10.9	14.3	-	22.2	20	6.0	17	15.6	14.3	139	125	23	10	16	16	-	0	-	-	-	0	0	0	0	-	3.91	-	S	-	
Nelson ...	99	110	18.0	10.7	14.7	-	23.8	20	4.7	16	-	-	122	106	21	10	17	14	0	0	0	0	0	0	0	0	0	0	3.72	-	-	-	
Cheshire																																	
West Kirby Park ...	99	8	19.4	12.8	16.1	-	22.9	25	8.3	17	-	-	137	178	61	10	18	15	-	0	-	-	-	0	0	0	0	-	4.61	-	-	-	
Ness Gardens ...																																	
Winnington ...	99	55	19.2	11.6	15.4	-	22.0	2	7.0	29	-	-	98	-	31	10	16	11	0	0	0	0	0	0	0	0	0	0	3.63	-	-	-	
Knutsford ...	99	20	20.1	11.9	16.0	-	23.6	20	6.2	16	-	-	100	129	19	13	16	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Ringway ...	21-9	75	19.0	11.9	15.5	-0.2	23.2	20	6.9	16	-	-	110	136	19	6	18	13	0	0	0	0	0	0	0	0	0	0	4.58	94	-	-	
Macclesfield ...	99	152	18.8	(11.5)	(15.1)	(-0.4)	22.2	25,26	6.7	16	-	-	142	158	27	9	20	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
7b NORTH WALES																																	
Flint																																	
Rhyl ...	99	9	18.2	12.5	15.3	-0.5	23.1	25	6.6	17	-	-	101	160	33	10	16	12	0	0	0	0	0	0	0	0	0	0	4.99	92	-	-	
Prestatyn ...	99	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Hawarden Bridge ...	99	5	(19.6)	11.7	(15.7)	(-0.5)	22.9	25	6.1	17	-	-	108	159	29	10	17	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Anglesey																																	
Valley ...	21-9	10	18.1	12.6	15.3	-0.2	21.8	25	6.0	17	-	-	58	79	11	12	16	11	0	0	0	0	0	0	0	0	0	0	4.83	82	-	-	
Denbigh																																	
Colwyn Bay ...	99	24	18.6	12.9	15.7	-	23.9	25	8.1	17	-	-	94	-	29	10	15	10	0	0	0	0	0	0	0	0	0	0	5.19	94	-	-	
Alwen ...	99	335	16.4	8.3	12.3	-	20.2	25	-0.8	16	-	-	128	-	28	13	15	15	-	-	-	-	-	1	2	-	-	-	-	-	-	-	
Ruthin ...	99	76	18.7	9.9	14.3	-	21.6	25	2.8	31	-	-	83	-	20	9	18	12	-	0	-	-	-	2	0	-	-	-	4.38	-	-	-	
Loggerheads ...	99	210	17.7	10.0	13.9	-	22.3	26	3.3	16	14.8	14.4	120	-	31	10	17	13	0	0	0	0	0	0	0	0	0	0	4.75	-	-	S	
Bwlchgwyn ...	99	386	16.6	(10.1)	(13.3)	-	19.6	21	6.7	16	12.9	-	148	151	34	9	19	14	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Wrexham ...	99	88	(19.2)	(11.1)	(15.1)	-	22.5	26	5.8	16	-	15.6	130	189	32	13	18	11	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Caernarvon																																	
Bardsey Island ...	21-9	18	16.9	13.2	15.1	-	20.3	25	10.0	17	-	-	91	-	31	10	13	11	-	0	-	-	-	1	0	0	0	-	-	-	-	-	
Botwnnog ...	99	34	18.3	11.5	14.9	-	22.3	25	4.7	18	17.3	16.2	97	-	30	10	14	10	0	0	0	0	0	0	0	0	0	0	4.54	-	-	-	
Pen-y-Ffridd ...	99	84	18.6	11.5	15.1	-	23.2	25	5.8	16	-	-	114	110	27	10	19	16	0	0	0	0	0	0	0	0	0	0	-	-	-	-	
Aber ...	99	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Merioneth																																	
Trawsfynydd ...	99	186	(17.7)	(11.4)	(14.5)	-	22.9	25	4.6	16	-	-	151	-	22	28	17	14	-	0	-	-	-	1	0	0	0	0	-	-	-	-	
Bala ...	99	163	18.0	9.5	13.7	-	22.4	24	1.2	16	16.7	16.4	129	-	29	13	17	15	0	0	0	0	0	0	0	0	0	0	4.33	-	-	-	
Corwen ...	99	144	18.6	9.9	14.3	-	22.5	25	1.1	16	-	-	131	149	33	9	15	12	0	0	0	0	0	0	0	0	0	0	-	-	-	S	
Montgomery																																	
Ceinws ...	99	61	-	-	-	-	21.0	23	2.0	16	-	-	177	-	36	9	14	14	-	-	-	-	-	5	0	2	-	-	-	-	-	-	
Moel Cynnedd ...	99	358	17.0	8.9	12.9	-	20.0	21	-0.2	16	-	-	204	-	31	9	23	22	0	-	0	0	4	-	1	2	-	0	-</				

Table 3 Summary of daily observations

For meaning of symbols * * * S used below see Notes in the Introduction

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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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	precip'n 0.2mm or more	1.0mm or more	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 1911-50 average	exposure		
			max. (a)	min. (b)	daily mean (mean of a + b)	difference from 1931-60 average	max.	date	min.	date																							
8a SOUTH WALES — continued																																	
Carmarthen																																	
Carmarthen ...	99	15	19.1	11.8	15.5	-	23.1	24	3.4	16	17.2	16.1	151	-	38	13	23	19	0	0	0	0	1	0	0	0	0	0	4.19	-	-	-	
Esgairwen-Uchaf ...	99	332	16.8	11.1	13.9	-	20.4	25	7.4	16	-	-	167	-	28	13	19	18	0	0	0	0	4	3	0	1	-	1	-	-	-	-	
Brynamman ...	21-9	183	18.5	12.1	15.3	-	22.4	24	7.0	16	-	-	192	-	51	9	22	20	0	0	0	0	5	0	0	0	0	0	-	-	-	-	
Radnor																																	
Cenarth Mill	21-9	282	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llandrindod Wells * §	99	235	19.0	10.9	14.9	0.0	23.9	9	2.8	16	15.7	-	104	130	28	9	22	19	0	0	0	0	0	0	0	0	0	0	3.58	71	-	-	
Brecknock																																	
Llwynon ...	99	242	17.8	10.8	14.3	-	21.1	24	4.4	16	-	-	227	-	70	9	22	19	0	0	0	0	0	0	3	0	-	0	3.42	-	-	S	
Glamorgan																																	
Mumbles ...	21-9	36	18.7	13.6	16.1	-	22.6	20	9.5	16	-	-	-	-	-	-	-	0	0	0	0	2	0	0	0	0	0	0	-	-	-	-	
Penmaen ...	99	82	18.6	13.1	15.9	-	21.2	20	8.6	16	17.7	17.2	175	-	70	9	22	21	0	0	0	0	3	1	0	0	0	0	4.57	-	-	-	
Swansea ...	99	8	19.3	(13.7)	(16.5)	(-0.5)	22.9	17	8.3	16	18.1	-	204	-	77	9	22	18	0	0	0	0	1	0	0	-	0	-	-	-	-	S	
Port Talbot ...	99	7	-	-	-	-	-	-	-	-	-	-	183	182	79	9	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Neath ...	99	62	18.9	13.3	16.1	-	22.5	25	6.9	16	-	-	206	182	83	9	23	20	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
Rhoose ...	21-9	67	19.3	12.8	16.1	-	24.1	20	7.6	16	-	-	114	-	22	13	23	13	0	0	0	0	0	0	0	0	0	0	4.33	70	-	-	
Cardiff ...	99	62	19.6	12.9	16.3	-0.2	22.8	25	7.9	16	17.2	16.2	139	142	30	19	22	13	0	-	0	0	0	0	0	0	-	-	3.70	-	-	S	
Monmouth																																	
Tredeggar ...	99	313	(17.7)	11.2	(14.5)	-	21.1	24.25	7.5	8	-	-	198	153	49	9	21	19	0	0	0	0	2	6	0	0	0	0	3.69	-	-	-	
Newport ...	99	23	(20.0)	(12.4)	(16.2)	(-0.3)	23.3	25	7.3	16	-	-	127	134	26	9	13	10	0	0	0	0	3	0	0	0	0	0	4.27	-	-	-	
Usk ...	99	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Crumbland ...	99	245	18.0	11.2	14.6	-	21.0	9	7.2	16	15.8	15.2	109	120	27	9	19	9	-	0	-	-	-	3	0	0	-	-	4.21	-	-	-	
8b ENGLAND SW																																	
Somerset																																	
Hawkrigge ...	99	314	17.4	11.2	14.3	-	20.3	20	5.1	16	-	-	165	134	33	6	22	20	0	0	0	0	3	4	0	0	0	0	3.99	-	-	-	
Nettlecombe ...	99	96	19.8	11.8	15.8	-	22.7	20.25	6.6	17	17.6	-	70	-	13	13	18	14	0	0	0	0	2	1	0	0	0	0	-	-	-	-	
Cannington ...	99	29	18.3	12.8	15.5	-	21.7	17.25	10.0	26	18.1	-	92	127	23	28	19	13	0	-	0	0	2	1	0	0	0	0	3.97	64	S		
Cricket Malherbie	99	76	-	-	-	-	-	-	-	-	-	-	79	-	18	13	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cheddar ...	99	11	19.9	11.9	15.9	-	23.1	25	4.4	16	16.9	-	123	-	35	19	19	14	-	0	-	-	-	-	0	0	0	-	-	-	-	-	
Yeovilton ...	21-9	18	20.2	12.5	16.3	-	23.4	25	6.4	17	-	-	88	-	20	19	20	13	0	0	0	0	3	0	0	0	0	0	-	-	-	-	
Rodney Stoke ...	99	40	20.1	12.1	16.1	-	23.0	25	7.5	16	17.6	16.1	116	-	26	18	17	13	-	0	-	-	-	0	0	0	0	0	-	-	-	-	
Long Ashton * §	99	49	19.9	11.9	15.9	-0.4	23.8	25	6.3	16	17.6	-	130	143	22	14	19	15	0	0	1	0	4	0	0	0	0	0	4.24	72	-	-	
West Camel ...	99	27	20.8	11.8	16.3	-	23.8	25	5.5	17	-	-	81	-	11	1	20	15	0	0	0	0	3	0	0	0	-	0	-	-	-	-	
Wincanton ...	99	114	19.7	11.8	15.7	-	22.8	25	6.7	16	-	-	82	-	13	18	19	15	0	0	0	0	2	0	0	0	0	0	-	-	-	-	
Bath City Boys' School	99	118	(19.4)	12.1	(15.7)	-	24.1	24	7.2	16	15.2	-	59	79	10	13	17	11	0	0	0	0	0	1	0	-	0	0	-	-	-	S	
Dorset																																	
Portland Bill																																	
Coastguard ...	21-9	53	18.8	14.5	16.7	-	23.3	18	11.8	16	-	-	28	-	8	1	13	8	0	0	0	0	3	0	0	0	0	0	5.21	-	-	-	
Weymouth ...	99	23	20.0	12.7	16.3	-	24.5	18	8.1	16	-	-	45	-	14	18	12	10	0	0	0	0	0	0	0	-	0	0	4.76	-	-	-	
Winfrith ...	99	26	(19.9)	12.3	(16.1)	-	24.4	18	5.0	17	-	-	63	-	21	18	13	10	-	0	-	-	-	0	0	0	-	0	-	-	-	-	
Shaftesbury ...	99	207	18.9	11.8	15.3	-0.3	21.8	25	8.3	16	-	-	96	135	22	18	20	12	-	0	-	-	-	0	0	0	-	-	-	-	-	-	
Swanage ...	99	11	19.8	14.0	16.9	-	22.5	18	9.9	16	-	17.2	42	70	10	20	11	8	0	0	0	0	3	0	0	0	0	0	5.66	81	-	-	
Poole ...	99	8	20.2	13.1	16.7	-	24.9	18	7.1	16	18.0	17.6	38	60	8	20	13	9	0	0	0	0	1	0	0	0	0	0	4.89	73	-	-	
Devon																																	
Virginstow ...	99	168	(19.0)	11.9	(15.5)	-	23.5	24	6.7	16	-	-	125	-	19	13	23	15	0	-	0	0	1	3	0	0	0	0	-	-	-	-	
Hartland Point ...	21-9	91	(17.9)	14.0	(15.9)	-	20.9	17	10.5	10	-	-	60	79	20	13	18	14	0	0	0	0	1	2	0	0	0	4	5.01	81	-	-	
Mount Batten ...	21-9	27	19.3	14.0	16.7	+0.5	24.0	20	8.7	16	-	-	85	117	26	13	17	9	0	0	0	0	2	0	0	0	0	0	5.27	83	-	-	
Plymouth Hoe * §	99	36	19.6	14.2	16.9	+0.3	24.1	20	9.5	16	18.1	17.4	79	108	26	13	12	9	0	0	0	0	1	0	0	0	0	0	4				

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

¹⁰Sunshine figures are for Cross Island.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	speed (kt)												
																									34 or more	22-33		1-10									0
																										6-7	4-5										
number of observations																																					
0 SCOTLAND N																																					
Lerwick [Zetland]																																					
83	3	1009.8	-	10.2	0.5	11.8	94	6.1	0	5	4	7	11	4	0	2	4	0	0	0	5	4	10	6	0	1	9	15	6	5	3	0	0	4	6	5	2
9	1010.0	-1.0	12.0	1.3	12.0	85	6.7	0	1	3	19	5	3	0	0	0	3	2	0	0	4	5	7	10	0	2	13	15	1	3	3	1	1	6	8	7	1
15	1009.7	-	12.5	1.5	12.1	84	6.7	1	0	3	17	8	2	0	1	2	0	0	3	6	2	10	7	0	3	13	15	0	2	5	2	0	9	7	6	0	
21	1009.8	-	10.3	0.6	11.6	92	5.7	0	5	3	16	5	2	0	1	2	1	1	2	5	6	7	6	0	1	11	17	2	7	1	1	1	7	5	6		
Kirkwall [Orkney]																																					
26	3	1010.6	-	10.6	0.6	12.0	93	5.9	1	4	4	12	6	4	0	1	1	2	0	1	8	1	10	7	0	1	11	16	3	3	3	1	1	5	9	4	2
9	1010.5	-0.7	13.1	1.2	13.0	86	6.7	0	1	5	14	10	1	0	0	0	1	1	1	4	4	11	9	0	2	17	9	3	1	4	0	2	6	7	7	1	
15	1010.2	-	13.9	1.8	12.8	81	6.1	0	4	4	14	9	0	0	0	0	0	0	0	6	6	5	14	0	5	15	11	0	5	2	2	1	8	2	9	2	
21	1010.7	-	11.3	0.7	12.2	91	5.4	1	4	8	9	8	1	0	0	0	1	0	1	5	4	12	8	0	1	14	9	7	4	2	0	4	5	6	1		
Wick [Caithness]																																					
37	3	1010.8	-	10.3	0.6	11.6	92	5.0	2	6	5	9	7	2	0	1	1	1	3	1	4	3	9	8	0	0	2	22	7	1	3	0	1	7	5	4	3
9	1010.6	-0.9	13.1	1.3	12.8	85	6.4	0	1	6	17	5	2	0	1	0	2	1	0	3	4	7	13	0	0	7	24	0	1	4	0	1	4	5	3	8	
15	1010.3	-	13.9	1.7	12.9	81	6.1	0	4	4	18	4	1	0	0	1	1	0	0	5	5	4	15	0	0	11	20	0	2	4	4	5	0	8	4		
21	1010.9	-	11.4	0.7	12.3	91	5.7	1	3	7	14	5	1	0	1	0	1	0	2	7	3	8	10	0	0	6	21	4	3	3	2	0	5	6	6		
Cape Wrath* [Sutherland]																																					
113	3	1010.1	-	11.2	0.5	12.5	93	5.6	0	3	11	9	5	3	0	2	1	0	0	0	1	1	8	18	0	0	5	23	3	0	3	3	1	2	17	0	2
9	1010.0	-	11.7	0.5	12.9	94	6.4	0	0	10	13	5	3	0	2	0	1	0	0	2	5	10	11	0	0	3	25	3	1	3	4	0	2	17	1	0	
15	1009.8	-	12.7	0.7	13.5	91	6.3	0	2	9	9	7	4	0	2	0	2	0	0	1	3	10	13	0	1	5	23	2	0	2	5	2	2	10	0	1	
21	1010.3	-	11.7	0.6	12.9	93	6.0	0	2	8	10	9	2	0	2	0	0	3	1	3	5	17	0	2	1	26	2	1	5	2	0	5	13	2	1		
Stornoway [Ross & Cromarty]																																					
5	3	1010.8	-	10.3	0.3	12.1	96	4.7	0	7	10	9	5	0	0	0	0	0	0	4	7	13	7	1	0	7	17	6	2	3	1	1	6	7	4	1	
9	1010.7	-0.5	12.8	0.9	13.3	90	6.2	0	3	2	19	7	0	0	0	0	0	0	1	4	5	8	13	0	2	13	15	1	3	5	0	2	9	4	7	0	
15	1010.7	-	14.6	1.8	13.3	80	5.6	0	4	7	16	4	0	0	0	0	0	0	0	1	7	6	17	0	4	18	9	0	2	7	0	1	9	4	7	1	
21	1011.2	-	11.6	0.6	12.7	92	5.2	0	6	9	10	6	0	0	0	0	0	0	0	4	7	12	8	0	1	13	14	3	5	5	2	0	5	5	5	1	
Benbecula [Inverness-shire]																																					
7	3	1010.9	-	11.7	0.7	12.7	92	6.1	1	3	5	12	10	0	0	0	0	0	0	7	4	10	10	0	2	10	17	2	4	4	2	0	7	3	7	2	
9	1010.9	-0.2	13.5	1.3	13.3	85	6.2	0	3	5	14	9	0	0	0	0	0	0	1	2	7	6	15	0	1	15	15	0	5	2	2	2	5	6	7	2	
15	1011.0	-	15.0	2.1	13.3	78	5.9	0	2	8	18	3	0	0	0	0	0	0	0	2	3	6	20	0	4	20	7	0	4	2	2	0	2	9	9	3	
21	1011.3	-	12.5	0.9	13.0	89	6.0	0	3	5	18	5	0	0	0	0	0	0	4	7	8	12	0	2	13	15	1	5	3	4	0	5	6	6	1		
1 SCOTLAND E																																					
Kinloss [Moray]																																					
6	3	1011.2	-	11.4	1.0	12.0	88	5.6	1	6	3	11	9	1	0	0	0	1	0	4	4	4	7	11	0	0	3	27	1	5	2	2	1	6	10	3	1
9	1011.1	-0.5	13.9	1.8	12.8	80	6.1	0	4	4	14	9	0	0	0	0	0	0	1	7	4	3	16	0	0	11	20	0	7	3	1	1	4	4	10	1	
15	1010.5	-	16.3	2.8	13.4	72	5.9	0	4	5	18	4	0	0	0	0	0	0	0	3	5	5	18	0	0	16	15	0	9	3	0	2	4	6	4		
21	1011.3	-	12.9	1.2	12.9	86	5.8	0	6	3	16	6	0	0	0	0	0	1	1	5	4	6	14	0	0	8	21	2	1	4	6	0	6	7	2	3	
Dyce [Aberdeenshire]																																					
59	3	1011.3	-	10.2	0.6	11.7	93	5.8	2	4	2	14	8	1	0	1	0	1	2	5	4	7	3	8	0	0	4	18	9	4	1	0	1	2	1	7	6
9	1011.2	-1.1	14.0	1.9	12.7	80	5.2	0	8	6	8	9	0	0	0	0	0	2	3	4	3	10	9	0	0	13	17	1	6	2	5	1	6	3	2	5	
15	1010.6	-	16.2	3.1	12.7	69	6.1	0	3	4	19	5	0	0	0	0	0	1	3	0	2	11	14	0	1	20	10	0	2	1	4	2	11	3	3	5	
21	1011.2	-	12.6	1.1	12.8	87	5.9	1	2	6	17	4	1	0	0	0	1	0	0	9	8	10	3	0	0	8	19	4	4	1	2	1	4	5	6	4	
Fraserburgh [Aberdeenshire]																																					
22	3	1011.3	-	11.9	0.5	13.2	94	5.4	0	9	5	4	11	2	0	1	1	0	2	1	7	9	10	0	0	9	22	0	4	3	2	1	4	3	9	5	
9	1011.4	-0.6	13.8	1.0	14.1	89	5.6	0	6	6	9	7	3	0	1	1	0	0	0	5	8	10	5	0	0	14	16	1	6	0	2	4	7	0	7	4	
15	1010.9	-	15.3	1.3	15.0	86	6.0	0	1	8	15	7	0	0	0	0	0	2	4	8	12	5	0	0	12	18	1	5	4	2	3	8	1	4	3		
21	1011.3	-	13.1	0.5	14.2	94	5.9	0	4	6	10	8	3	2	0	1	0	0	1	5	9	13	0	0	1	7	20	3	6	2	1	1	7	4	6	1	
Usan [Angus]																																					
35	9	1011.8	-	13.6	1.1	13.7	88	5.4	0	7	5	11	7	1	0	0	1	0	2	2	4	2	5	15	0	0	7	15	9	2	5	4	0	3	4	2	2
15	1011.3	-	14.7	1.1	14.8	88	6.3	0	2	5	16	7	1	0	1	0	0	0	1	4	4	5	16	0	1	7	19	4	2	2	4	2	9	4	4	0	
21	1011.8	-	12.9	0.7	13.7	92	5.3	0	9	2	15	4	1	0	1	0	0	0	0	6	2	8	14	0	0	7	18	6	4	4	1	0	1	6	7	2	
Leuchars [Fife]																																					
12	3	1011.4	-	11.2	0.6	12.5	93	6.0	2	4	2	9	11	3	0	0	4	0	1	0	6	5	7	8	0	0	4	18	9	2	4	3	1	0	8	3	1
9	1011.6	-0.8	13.9	1.4	13.3	84	6.0	0	5	3	14	8	1	0	0	0	1	1	2	5	5	6	11	0	0	8	19	4	1	5	4	1	2	9	5	0	
15	1011.0	-	16.3	2.7	13.5	74	6.2	0	4	2	20	5	0	0	0	0	1	0	0	4	2	13	11	0	0	16	15	0	1	2	10	0	3	7	8	0	
21	1011.6	-	13.1	1.1	13.2	88	5.6	1	6	3	13	8	0	0	0	0	1	0	0	5	10	7	8	0	0	9	20	2	1	6	3	2	3	8	6	0	
Turnhouse [Midlothian]																																					
44	3	1011.8	-	11.6	0.8	12.5	91	6.3	2	3	2	8	14	2	0	2	0	1	0	2	7	11	8	0	0	6	18	7	0	3	4	0	1	13	1	2	
9	1011.9	-0.8	14.1	1.4	13.6	84	6.5	0	1	3	21	6	0	0	0	0	0	3	1	6	13	5	3	0	0	10	17	4	1	6	2	0	2	14	2	0	
15	1011.3	-	16.4	2.8	13.4	73	6.2	0	5	0	20	5	1	0	1	0	0	0	1	2	15	6	7	0	0	13	18	0	1	9	2	0	4	7	8	0	
21	1012.0	-	13.2	0.8	13.8	90	5.8	2	5	2	9	13	0	0	0	0	0	0	2	8																	

¹¹Temperatures recorded by an aspirated psychrometer

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the introduction.

¹² Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	speed (kt)																
																									34 or more	22-33	11-21	1-10	0												
																																						6, 7	4, 5	1-3	calm
3 ENGLAND E - continued																																									
91	3	1012.7	-	13.2	0.5	14.4	94	5.0	6	4	3	6	12	0	0	0	0	0	4	7	10	8	2	0	0	0	4	25	2	6	3	1	1	6	7	5	0				
	9	1013.2	-	16.2	1.9	14.9	81	6.0	1	4	2	17	7	0	0	0	0	2	8	11	7	1	0	0	13	17	1	5	2	4	2	1	8	7	1						
	15	1012.7	-	18.8	3.6	14.5	67	6.2	1	2	4	16	8	0	0	0	0	2	7	7	10	5	0	0	20	11	0	4	2	2	3	7	6	4	3						
	21	1013.3	-	15.0	1.2	14.9	87	5.1	4	3	6	13	5	0	0	0	0	1	5	8	10	6	1	0	4	27	0	3	4	3	1	7	10	2	1						
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	9	1013.1	-	-	-	16.3	84	5.8	2	3	4	11	11	0	0	0	0	5	8	18	0	0	0	3	13	15	0	2	4	4	2	0	8	8	3						
	15	1013.0	-	-	-	16.2	77	5.2	3	3	6	11	8	0	0	0	0	3	7	21	0	0	0	3	19	9	0	2	3	3	3	4	8	7	1						
	21	1013.0	-	-	-	16.4	87	4.0	8	6	5	2	10	0	0	0	1	0	1	4	25	0	0	0	1	12	17	1	3	5	2	2	12	4	0						
43	3	1012.6	-	13.1	0.6	14.1	93	5.5	6	1	4	8	12	0	0	2	1	2	5	9	12	0	0	0	0	4	25	2	6	2	2	2	4	8	5	0					
	9	1013.1	-	16.1	1.7	15.1	82	6.1	2	2	4	15	8	0	0	0	0	3	10	10	7	1	0	0	12	19	0	4	5	0	1	6	9	3	3						
	15	1012.4	-	19.3	3.8	14.6	66	6.4	0	3	2	16	10	0	0	0	0	0	11	8	9	3	0	0	14	16	1	4	4	0	3	6	8	4	1						
	21	1013.0	-	15.5	1.6	14.6	83	5.6	1	4	4	16	6	0	0	0	1	0	3	7	14	6	0	0	3	26	2	6	2	1	2	8	8	1	1						
29	3	1012.8	-	12.6	0.3	14.2	96	5.1	6	3	4	4	14	0	0	2	1	3	4	8	11	1	0	0	0	6	24	1	6	3	1	1	6	10	3	0					
	9	1013.5	-1.4	16.0	1.6	15.1	83	6.4	1	2	2	16	9	1	0	1	0	2	11	10	5	1	0	0	10	21	0	4	5	0	0	7	8	5	2						
	15	1012.6	-	19.5	3.8	14.9	66	6.3	0	4	2	18	7	0	0	0	0	0	10	9	12	0	0	0	12	19	0	6	2	3	1	7	8	4	0						
	21	1013.3	-	15.0	1.2	14.8	86	5.7	3	2	4	13	9	0	0	0	0	5	7	13	6	0	0	0	4	26	1	5	3	2	0	6	13	1	0						
102	3	1012.6	-	13.2	0.3	14.6	96	5.4	6	3	1	10	11	0	0	0	0	2	10	7	9	3	0	0	0	1	27	3	4	2	2	2	4	8	6	0					
	9	1013.1	-2.1	16.1	1.7	15.1	82	6.0	2	1	5	16	6	1	0	0	0	3	6	12	8	0	0	0	12	19	0	6	2	2	2	3	9	5	2						
	15	1012.5	-	19.2	3.6	15.0	68	6.1	0	4	6	14	7	0	0	0	0	2	4	10	15	0	0	0	23	8	0	5	1	1	3	3	12	5	1						
	21	1013.1	-	15.2	1.3	15.0	87	5.3	3	2	7	13	4	2	0	0	2	0	4	4	13	7	1	0	0	5	23	3	4	2	3	1	6	8	3	1					
5	3	1013.4	-2.1	17.4	2.0	16.0	81	5.8	0	5	6	12	8	0	0	0	0	3	4	5	7	10	2	0	1	11	18	1	3	4	2	1	4	9	5	2					
	9	1013.1	-	19.4	3.2	16.0	71	5.9	1	3	6	13	8	0	0	0	0	4	9	3	5	10	0	1	16	14	0	2	1	8	0	6	10	4	0						
	15	1013.4	-	16.5	1.4	16.0	85	4.5	4	7	6	8	6	0	0	0	0	3	2	10	4	9	3	0	0	17	13	1	3	4	2	0	8	10	3	0					
	21	1013.3	-	15.5	1.2	15.4	87	4.9	8	2	5	2	14	0	0	0	0	1	2	10	18	0	0	0	0	13	15	3	2	2	2	3	1	6	11	1					
8	3	1013.6	-	17.5	2.4	15.4	77	6.1	0	4	4	12	11	0	0	0	0	1	2	9	19	0	0	0	1	12	18	0	0	3	4	2	1	9	6	6					
	9	1013.5	-	19.1	3.1	15.8	71	5.3	2	3	10	7	9	0	0	0	0	0	3	9	19	0	0	0	0	18	13	0	0	2	6	2	5	8	3	5					
	15	1013.3	-	17.0	1.9	15.7	81	4.4	6	7	3	6	9	0	0	0	0	1	1	7	22	0	0	0	0	19	11	1	1	4	5	0	3	9	8	0					
	21	1013.3	-	17.0	1.9	15.7	81	4.4	6	7	3	6	9	0	0	0	0	1	1	7	22	0	0	0	0	19	11	1	1	4	5	0	3	9	8	0					
4 MIDLAND COUNTIES																																									
235	3	1012.1	-	11.3	1.0	11.9	88	6.2	1	3	6	4	17	0	0	1	3	0	6	6	12	3	0	0	1	3	21	6	4	3	0	0	2	7	6	3					
	9	1012.6	-1.3	14.5	1.3	14.1	86	6.3	2	2	3	11	13	0	0	2	1	3	1	4	7	5	8	0	0	1	4	23	3	2	7	2	1	0	6	9	1				
	15	1012.5	-	16.4	2.0	14.8	79	6.5	1	0	4	14	2	0	0	0	0	1	1	1	8	13	7	0	0	1	12	16	2	3	3	2	1	4	13	0					
	21	1012.7	-	13.2	1.1	13.5	88	5.0	7	2	4	3	15	0	0	0	1	1	1	4	4	12	8	0	0	5	19	7	4	2	1	0	2	4	10	1					
119	3	1012.8	-	12.1	0.5	13.4	94	5.1	6	4	3	3	15	0	0	0	0	2	6	4	12	7	0	0	0	5	23	3	3	5	1	1	2	8	4	0					
	9	1012.9	-1.6	15.2	1.5	14.6	85	6.3	1	2	4	13	11	0	0	0	1	3	4	8	11	3	1	0	0	12	19	0	4	5	3	0	1	11	7	0					
	15	1012.1	-	18.1	3.1	14.7	71	6.3	1	2	3	18	7	0	0	0	0	2	1	5	10	13	0	0	11	20	0	1	6	2	2	3	6	10	1						
	21	1012.9	-	14.4	1.3	14.2	86	5.5	1	4	7	10	9	0	0	0	0	4	1	13	11	1	1	0	0	2	25	4	3	4	2	1	5	5	5	2					
14	3	1012.2	-	12.4	0.5	13.6	93	4.8	7	4	1	8	11	0	0	0	0	1	3	5	13	5	3	1	0	0	3	21	7	6	2	0	2	4	3	4	3				
	9	1012.5	-1.7	16.0	1.9	14.7	81	5.8	1	3	6	12	9	0	0	0	0	1	3	9	12	6	0	0	0	13	18	0	6	5	1	0	2	11	4	2					
	15	1011.9	-	18.7	3.3	14.9	70	6.6	1	1	2	18	9	0	0	0	0	0	1	7	14	5	4	0	0	12	19	0	3	4	2	2	3	4	10	3					
	21	1012.6	-	15.2	1.5	14.5	84	5.7	1	4	6	10	10	0	0	0	0	2	2	7	12	6	1	0	0	2	26	3	6	1	0	5	2	5	5	4					
67	3	1012.4	-	12.6	0.6	13.6	92	4.4	7	5	4	4	11	0	0	0	2	1	5	10	11	2	0	0	0	7	23	1	5	2	2	2	3	9	3	4					
	9	1012.9	-1.9	15.8	1.7	14.8	82	6.0	1	3	5	12	10	0	0	0	0	1	5	4	12	5	4	0	0	15	16	0	4	4	1	2	2	8	5	5					
	15	1012.1	-	19.3	3.8	14.6	66	6.2	0	2	7	13	9	0	0	0	0	3	5	5	8	10	0	0	22	9	0	3	4	2	2	5	10	5	0						
	21	1012.8	-	14.9	1.4	14.3	84	5.1	4	3	4	12	8	0	0	0	0	1	5	6	10	8	1	0	0	4	27	0	4	3	3	0	5	8	7	1					
165	3	1012.3	-2.1	14.8	1.5	14.0	83	5.7	2	2	6	11	10	0	0	0	1	0	3	9	9	7	2	0	0	8	21	2	3	4	2	1	6	9	1	3					
	9	1012.0	-	18.2	3.5	14.0	68	6.3	1	2	3	18	7	0	0	0	0	1	9	8	11	2	0	1	8	21	1	3	2	1	4	4	7	6	3						
	15	1012.8	-	15.5	1.8	14.3	81	5.6	1	3	6	11	9	0	0	0	0	1	3	8	11	8	0	0	5	25	1	3	3	2	1	6	5	8	2						
	21	1012.8	-	15.5	1.8	14.3	81	5.6	1	3	6	11	9	0	0	0	0	1	3	8	11	8	0	0	0	5	25	1	3	3	2	1	6	5	8	2					
100	3	1012.8	-	12.1	0.5	13.4	94	5.4	4	3	4	9	11	0	0	0	1	0	1	2	12	9	5	1	0	0	1	23	7	4	3	1									

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction

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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 1931-50 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											speed (kt)																	
																									34 or more	22-33	11-21	1-10	0													
																																						8 or more	6-7	4-5	1-3	calm
number of observations																																										
5																																										
ENGLAND SE																																										
Heathrow [Greater London]																																										
26	3	1013.0	-	14.4	0.9	14.9	90	5.3	4	5	3	7	12	0	0	0	0	0	0	1	3	12	7	8	0	0	0	5	24	2	4	4	1	0	9	5	5	1				
	9	1013.6	-1.7	16.9	2.2	15.1	78	5.4	3	2	7	10	9	0	0	0	0	0	0	6	6	8	10	1	0	0	14	16	1	6	4	1	0	6	8	3	2					
	15	1013.0	-	20.0	4.0	15.1	65	6.1	1	3	4	17	6	0	0	0	0	0	0	1	8	8	9	5	0	0	16	15	0	3	2	3	0	9	8	4	2					
	21	1013.5	-	16.6	2.1	15.0	79	4.8	2	8	4	10	7	0	0	0	0	0	0	4	8	10	9	0	0	0	7	24	0	5	3	1	2	7	10	2						
Kew [Greater London] 13																																										
10	3	1012.9	-	13.7	0.7	14.6	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	1013.5	-1.9	17.0	2.4	15.0	77	5.9	2	3	3	13	10	0	0	0	0	0	0	6	5	6	14	0	0	0	3	25	3	5	3	2	0	7	8	2	1					
	15	1013.0	-	19.4	3.9	15.1	67	6.1	1	1	7	15	7	0	0	0	0	0	1	0	8	9	9	4	0	0	6	25	0	3	2	4	0	8	9	4	1					
	21	1013.5	-	16.0	2.0	14.8	81	4.5	5	5	7	7	0	0	0	0	0	0	3	0	7	8	11	2	0	0	2	27	2	3	2	3	1	6	11	2	1					
Gatwick [Sussex]																																										
59	3	1013.2	-	13.2	0.4	14.6	95	5.8	4	2	3	8	14	0	0	2	1	0	5	7	9	5	2	0	0	0	6	19	6	3	4	1	0	2	11	4	0					
	9	1013.7	-	16.8	1.8	15.6	82	5.6	2	5	4	9	11	0	0	0	0	0	0	7	8	8	6	2	0	0	9	21	1	4	2	4	1	3	11	2	3					
	15	1013.5	-	19.2	3.2	15.8	72	6.0	1	2	5	17	6	0	0	0	0	0	1	2	9	9	7	3	0	1	17	13	0	3	2	2	1	3	14	3	3					
	21	1013.8	-	14.9	0.9	15.3	90	5.2	3	3	7	13	5	0	0	0	0	0	2	6	8	10	5	0	0	0	3	24	4	2	5	0	1	4	13	2	0					
Dungeness [Kent]																																										
7	3	1013.3	-	15.7	0.9	16.3	91	4.5	9	3	3	3	12	1	0	0	0	1	0	3	5	2	12	8	0	3	13	13	2	2	3	3	1	2	4	12	2					
	9	1013.9	-	17.2	1.6	16.5	84	5.6	2	3	4	15	7	0	0	0	0	0	1	7	8	14	1	0	3	15	13	0	3	2	4	1	4	8	8	1						
	15	1014.0	-	18.7	2.6	16.3	76	5.2	4	4	5	7	10	1	0	0	0	1	0	0	6	5	17	2	0	5	14	12	0	1	3	6	1	2	12	6	0					
	21	1014.0	-	16.6	1.1	16.7	89	4.3	7	5	5	5	8	1	0	0	0	1	0	2	2	6	10	10	0	2	18	9	2	0	4	5	1	3	9	6	1					
Deal [Kent]																																										
10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Manston [Kent]																																										
45	3	1013.2	-	14.6	0.6	15.5	93	4.7	5	7	2	8	9	0	0	0	0	1	1	5	4	6	11	3	0	0	9	21	1	3	2	3	2	4	12	3	1					
	9	1013.6	-	17.1	1.8	16.0	82	5.5	1	4	8	13	5	0	0	0	0	2	1	9	4	10	5	0	1	17	13	0	2	4	3	2	4	9	4	3						
	15	1013.6	-	18.9	3.0	15.7	72	5.1	3	5	5	14	4	0	0	0	0	1	1	9	4	9	7	0	3	13	15	0	2	3	4	2	5	9	5	1						
	21	1013.9	-	15.5	1.1	15.7	89	4.3	5	7	2	14	3	0	0	0	0	1	2	1	5	5	12	5	0	0	13	17	2	1	4	3	4	7	10	0	0					
Thorney Island [Sussex]																																										
4	3	1013.3	-	14.8	1.0	15.1	89	5.0	4	4	5	7	11	0	0	0	0	0	2	2	12	2	12	1	0	0	12	19	0	3	6	2	0	1	9	7	3					
	9	1013.9	-1.8	16.8	1.8	15.7	82	5.6	3	4	2	13	9	0	0	0	0	0	3	7	5	10	6	0	0	16	14	1	2	6	2	1	6	7	3	3						
	15	1013.6	-	18.9	2.9	15.9	73	5.3	1	2	10	12	6	0	0	0	0	0	2	6	3	13	7	0	2	17	12	0	2	1	2	2	9	9	5	1						
	21	1013.9	-	16.2	1.3	15.9	86	5.5	1	6	5	10	9	0	0	0	1	0	1	3	7	3	15	1	0	0	13	16	2	4	5	1	1	2	8	8	0					
Eastbourne Coastguard [Sussex]																																										
7	9	1013.5	-2.3	17.2	1.8	16.1	82	5.8	4	2	3	10	12	0	0	0	0	1	2	14	7	7	0	0	4	8	17	2	3	2	4	0	6	8	5	1						
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Abingdon [Berkshire]																																										
71	3	1012.9	-	13.1	0.6	14.1	93	5.3	5	4	3	5	14	0	0	0	0	0	2	4	9	11	4	1	0	0	3	25	3	7	4	1	1	6	5	4	1					
	9	1013.4	-1.9	16.1	2.0	14.6	80	6.1	2	2	4	12	11	0	0	0	0	0	2	13	4	9	3	0	0	11	20	0	3	6	3	2	6	6	4	1						
	15	1012.5	-	19.3	3.7	14.9	67	6.1	0	3	6	13	9	0	0	0	0	0	1	9	7	9	5	0	0	12	19	0	3	3	2	1	7	7	6	2						
	21	1013.3	-	15.3	1.4	14.8	84	5.1	1	6	8	9	7	0	0	0	0	0	1	9	12	8	1	0	0	2	29	0	5	2	3	3	5	9	3	1						
Hurn [Hampshire]																																										
14	3	1013.3	-	13.8	0.8	14.5	91	5.2	5	3	5	7	11	0	0	0	0	1	5	6	13	6	0	0	0	0	5	19	7	2	2	1	0	6	7	4	2					
	9	1013.9	-1.7	16.7	1.7	15.7	82	6.2	2	2	3	12	12	0	0	0	0	0	5	10	5	9	2	0	0	12	18	1	4	5	2	1	8	6	4	0						
	15	1013.6	-	19.0	2.9	16.0	73	6.2	0	3	6	15	7	0	0	0	0	0	5	5	5	13	3	0	0	20	11	0	3	1	3	1	9	11	3	0						
	21	1013.9	-	15.6	1.3	15.3	86	5.0	3	4	8	11	5	0	0	0	0	0	4	10	12	4	1	0	0	5	21	5	1	2	1	1	4	10	3	4						
South Farnborough [Hampshire]																																										
70	3	1013.2	-	13.5	0.7	14.5	93	5.4	4	3	6	5	13	0	0	0	1	2	3	13	6	4	2	0	0	4	20	7	4	2	7	1	5	8	3	0						
	9	1013.7	-1.8	16.5	1.8	15.2	81	5.5	2	5	4	11	9	0	0	0	0	3	7	5	7	9	0	0	8	22	1	4	2	4	1	7	7	2	3							
	15	1013.7	-	19.5	3.5	15.4	68	6.0	1	2	6	15	7	0	0	0	0	0	1	8	2	10	10	0	0	15	16	0	4	2	2	1	9	7	5	1						
Lynnham [Wiltshire]																																										
149	3	1013.0	-	12.9	0.5	14.0	93	5.5	4	4	3	16	0	0	0	0	0	1	5	12	7	6	0	0	0	6	24	1	4	5	2	1	6	10	1	1						
	9	1013.5	-1.9	15.0	1.2	14.9	87	6.5	2	2	0	15	12	0	0	0	0	4	3	6	8	7	3	0	0	16	15	0	4	5	2	0	8	5	5	2						
	15	1012.7	-	18.2	2.6	15.6	75	6.4	0	3	3	15	10	0	0	0	0	0	1	8	7	6	9	0	0	14	16	1	4	4	0	1	4	9	6	2						
	21	1013.4	-	14.7	1.1	14.8	88	5.7	2	2	8	13	6	0	0	0	0	0	2	9	12	7	1	0	0	5	25	1	4	3	2	1	5	12	3	0						
Boscombe Down [Wiltshire]																																										
128	3	1013.0	-	12.9	0.3	14.4	96	5.4	7	1	2	7	14	0	0	0	0	0	1	9	5	14	2	0	0	0	10	17	4	1	2	6	1	6	5	4	2					
	9	1013.4	-2.3	15.9	1.7	14.9	82	6.2	2	1	4	14	10	0	0	0	0	0	4	8	7	6	6	0	0	16																

¹³ Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	speed (kt)												
																									34 or more	22-33	11-21	1-10									0
number of observations																																					
8a SOUTH WALES																																					
Aberporth [Cardiganshire]																																					
134	3	1012.4	-	13.4	0.7	14.1	92	5.0	5	4	4	8	7	3	0	1	2	0	0	4	7	7	5	5	0	0	20	9	2	3	2	1	5	7	5	1	5
	9	1012.5	-1.8	14.8	1.0	15.0	89	6.4	0	3	3	13	11	1	0	1	0	1	3	2	9	9	1	5	0	0	19	11	1	5	3	2	1	4	6	4	3
	15	1012.5	-	16.0	1.7	14.9	83	6.1	0	5	4	10	12	0	0	0	0	1	1	1	7	9	5	7	1	1	13	16	0	3	2	0	4	2	5	9	6
	21	1013.0	-	14.1	0.9	14.5	90	5.6	1	6	4	10	9	1	0	1	0	0	2	1	7	11	4	5	0	0	12	15	4	1	2	1	4	6	6	1	6
Milford Haven Conservancy Board [Pembrokeshire]																																					
39	3	1012.6	-	14.4	0.7	15.1	91	5.3	6	1	6	5	13	0	0	0	0	0	0	18	8	5	0	0	0	0	7	21	3	6	4	1	1	1	7	4	4
	9	1012.8	-2.0	16.0	1.4	15.7	86	6.0	1	3	5	9	13	0	0	0	0	0	0	17	10	3	0	0	0	0	11	18	2	4	4	2	3	2	7	3	4
	15	1013.0	-	17.8	2.2	16.1	79	5.7	1	2	11	7	10	0	0	0	0	0	0	16	11	4	0	0	1	1	10	20	0	6	2	0	2	3	9	7	2
	21	1013.1	-	15.1	0.9	15.4	90	5.9	4	1	6	7	13	0	0	0	0	0	0	17	11	3	0	0	0	0	7	22	2	7	3	0	3	2	8	3	3
Brynmman [Carmarthenshire]																																					
-	9	-	-	15.0	1.1	15.1	88	6.3	1	3	4	8	15	0	0	0	0	0	2	7	11	5	6	0	0	0	1	24	6	0	6	1	2	2	5	6	3
	15	-	-	17.1	1.9	15.8	81	6.6	0	2	4	14	11	0	0	0	0	0	3	7	8	4	9	0	0	0	1	27	3	0	3	0	4	3	6	9	3
	21	-	-	14.2	0.8	14.8	91	5.7	2	4	3	12	10	0	0	0	0	0	4	6	15	6	0	0	0	0	1	22	8	0	5	1	1	0	6	6	4
Mumbles [Glamorgan]																																					
37	3	1012.4	-	15.1	1.2	15.1	87	5.2	5	2	6	6	12	0	0	0	0	0	0	7	7	15	2	0	3	15	13	0	7	3	3	0	1	9	5	3	
	9	1012.6	-	17.6	2.2	15.8	79	6.4	1	2	2	16	10	0	0	0	0	2	0	14	8	4	3	0	3	17	10	1	1	1	4	0	4	8	9	3	
	15	1012.9	-	15.9	1.4	15.4	85	5.8	2	4	2	10	13	0	0	0	0	0	1	12	8	6	4	0	2	15	12	2	5	1	1	0	4	7	7	4	
Rhoose [Glamorgan]																																					
69	3	1012.7	-	13.6	0.8	14.2	91	5.2	5	4	4	5	13	0	0	0	1	0	3	7	12	6	2	0	2	9	17	3	0	8	1	0	4	6	7	2	
	9	1013.1	-2.2	15.7	1.5	15.1	84	5.9	1	4	4	9	13	0	0	0	0	1	6	7	9	6	2	0	0	16	13	2	2	6	3	2	5	4	7	0	
	15	1012.8	-	17.7	2.5	15.3	76	5.7	1	4	6	13	7	0	0	0	0	0	1	9	13	4	4	0	0	16	13	2	1	4	2	2	2	4	14	0	
	21	1013.3	-	14.9	1.2	14.7	86	5.2	4	3	6	9	9	0	0	0	0	0	3	9	10	7	2	0	0	11	18	2	1	3	1	2	0	4	16	2	
8b ENGLAND SW																																					
Yeovilton [Somerset]																																					
23	3	1013.3	-	13.9	1.0	14.2	89	5.1	5	3	5	9	8	1	0	2	0	0	3	4	13	9	0	0	0	0	10	14	7	3	3	3	2	7	3	0	
	9	1013.6	-	16.3	1.8	15.2	82	6.2	1	1	4	14	11	0	0	0	0	0	3	8	6	10	4	0	1	16	10	4	2	4	1	2	8	7	2	1	
	15	1013.3	-	19.2	3.4	15.3	69	6.0	0	1	7	18	5	0	0	0	0	1	3	9	10	8	0	0	1	24	5	1	2	2	2	0	1	5	2	6	
	21	1013.7	-	15.7	1.5	15.0	83	5.6	1	3	10	6	11	0	0	0	0	1	4	13	13	0	0	1	6	16	8	0	1	2	1	5	8	4	2		
Portland Bill [Dorset]																																					
54	3	1013.2	-	15.2	0.8	15.9	92	4.7	6	6	2	3	14	0	0	0	0	1	3	11	10	6	0	0	3	16	12	0	4	1	6	1	1	7	6	5	
	9	1013.9	-	16.2	1.1	16.3	88	6.0	2	3	3	12	11	0	0	0	0	4	6	10	5	6	0	0	0	21	10	0	3	2	6	2	3	8	5	2	
	15	1013.7	-	17.7	1.7	16.8	88	5.5	2	1	11	9	7	1	0	1	0	0	3	4	11	7	5	0	0	4	16	11	0	1	2	1	3	4	9	8	3
	21	1013.9	-	15.8	0.9	16.2	90	5.5	2	3	7	9	10	0	0	0	0	1	2	4	12	8	4	0	0	2	19	8	2	3	1	4	1	1	5	10	4
Hartland Point [Devon]																																					
93	3	1013.1	-	15.0	1.1	15.1	88	5.3	5	1	7	6	10	2	0	1	0	1	1	3	11	12	1	1	3	16	9	2	2	4	2	2	1	5	8	5	
	9	1013.3	-	15.7	1.2	15.7	88	6.0	1	1	9	10	8	2	0	1	1	0	2	5	13	7	2	0	3	15	11	2	4	5	2	1	2	4	8	3	
	15	1013.7	-	16.7	1.7	15.8	83	6.0	0	3	6	16	6	0	0	0	0	0	0	8	13	8	2	0	4	14	13	0	3	6	1	1	2	3	14	1	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Mount Batten [Devon]																																					
30	3	1013.2	-	14.8	0.7	15.5	92	5.4	4	4	3	9	11	0	0	0	0	2	2	7	13	7	0	0	1	10	16	4	2	2	4	1	4	4	9	1	
	9	1013.6	-2.3	16.5	1.3	16.3	87	5.7	0	4	6	13	8	0	0	0	0	1	5	9	8	4	4	0	1	12	17	1	2	0	5	0	6	7	4	6	
	15	1013.6	-	18.2	2.3	16.2	78	6.2	0	1	8	17	5	0	0	0	0	0	3	8	7	7	6	0	1	18	12	0	2	0	5	1	4	12	5	2	
	21	1014.1	-	15.7	1.2	15.6	87	5.3	0	8	5	12	6	0	0	0	0	0	5	6	9	6	5	0	1	11	16	3	3	2	4	1	2	5	10	1	
Chivenor [Devon]																																					
7	3	1012.8	-	14.6	1.1	14.8	89	5.3	4	3	5	9	9	1	1	0	0	0	0	3	7	7	11	2	0	0	9	17	5	1	1	8	4	2	2	4	4
	9	1013.0	-2.4	16.6	1.7	15.6	82	6.0	0	4	5	15	7	0	0	0	0	5	4	8	5	9	0	0	0	14	14	3	1	0	7	1	5	5	6	3	
	15	1013.1	-	18.4	2.7	15.7	74	6.4	0	0	7	18	6	0	0	0	0	0	0	8	7	9	7	0	1	17	12	1	1	1	4	3	2	7	10	2	
	21	1013.5	-	15.7	1.3	15.4	86	5.8	0	4	6	15	6	0	0	0	0	0	2	6	11	8	4	0	0	7	19	5	1	1	3	4	1	8	6	2	
Exeter [Devon]																																					
38	3	1013.2	-	13.7	0.7	14.5	92	5.0	5	5	2	5	14	0	0	1	2	1	0	2	4	8	9	4	0	0	3	24	4	5	2	1	5	5	3	3	6
	9	1013.5	-2.1	16.7	1.6	15.9	84	5.9	0	6	2	14	9	0	0	0	0	0	3	7	8	3	10	0	0	13	17	1	3	3	1	1	11	2	3	6	
	15	1013.3	-	18.9	2.8	16.0	74	6.3	0	3	4	17	7	0	0	0	0	0	1	9	7	2	12	0	1	15	15	0	5	0	1	2	8	5	7	3	
	21	1014.0	-	15.2	1.1	15.2	88	5.2	2	6	4	13	6	0	0	0	0	1	0	2	8	6	9	5	0	4	23	4	1	3	2	3	7	2	5	4	
Scilly [Cornwall]																																					
61	3	1013.3	-	14.9	0.7	15.7	93	5.0	2	2	14	3	8	2	0	0	0	2	1	3	7	2	12	4	0	0	11	18	2	3	2	3	0	3	9	3	6
	9	1013.8	-2.0	16.1	1.0	16.3	89	5.4	2	3	8	12	5	1	0	0	1	0	2	4	6	8	6	4	0	0	8	20	3	2	2	4	0	2	7	6	5
	15	1014.1	-	17.3	1.8	16.3	82	5.3	2	0	14	8	7	0	0	0	0	4	3	6	7	9	2	0	0	13	16	2	4	1	4	0	2	6	9	3	
	21	1014.5	-	15.2	0.9	15.7	91	5.1	0	5	11	8	4	3	0	0	1	2	1	2	4	6	14	1	0	1	10	18	2	3	4	2	0	1	6	8	5
St Mawgan [Cornwall]																																					
107	3	1013.2	-	14.4	0.7	15.2	92	5.9	2	3	3	14	9	0	0	1	0	2	2	7	13	6	0	0	0	11	17	3	2								

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

Table 6 Summary of autographic records of wind

AUGUST 1971

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				year from N	speed (kt)		hour ended at day hour	year from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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Table 6 Summary of autographic records of wind

AUGUST 1971

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 hourly wind speed (kt)	year from N	speed (kt)	hour ended at day	hour	year from N	speed (kt)	day and time
4 MIDLAND COUNTIES																			
Yorks W.R. Sheffield ...	162	25	11		0	0	0	12	455	277	0	4.9	250	14	28	14	240	37	28 1150
Church Fenton ...	18	10	10		0	1	2	219	389	130	4	8.0	270	25	28	13	260	37	28 1226
Notts Watnall ...	130	13	10		0	0	0	172	449	123	0	7.5	250	20	28	13	250	40	28 1235
Finningley ...	19	10	10		0	1	1	175	404	164	0	7.3	250	22	28	14	250	35	28 1315
Rutland Cottesmore ...	143	13	13		0	1	1	272	394	77	0	9.0	250	23	28	16	250	38	28 1400
N'hampton Wittering ...	83	10	10		0	0	0	238	420	86	0	8.5	240	20	28	16	240	37	28 1125
Warwick Edgbaston ...	196	36	22		0	1	1	133	488	122	0	7.3	240	23	28	12	240	38	28 1120
Elmdon ...	105	10	10		0	1	1	221	449	73	0	8.4	240	25	28	13	240	39	28 1220
Oxford Brize Norton ...	91	13	10		0	0	0	179	427	138	0	7.6	260	18	28	15	240	34	14 1145
Stafford Keele ...	215	15	10		0	0	0	40	467	237	0	5.3	250	17	28	12	250	42	28 1050
Worcester Pershore ...	47	10	10		0	1	1	244	416	83	0	8.6	240	22	28	13	240	34	28 0935
Gloucester Avonmouth ...	28	19	10		0	4	11	355	322	56	0	10.6	250	24	4	4	240	38	4 2330
Fairford ...	88	10	10		0	0	0	276	365	103	0	8.6	210	20	4	16	200	33	4 1505
5 ENGLAND SE																			
Greater London W/Centre	93	70	38		0	0	0	319	408	22	0	9.8	220	18	14	14	210	32	14 1245
London Heathrow ...	34	10	10		0	0	0	232	488	24	0	8.7	210	19	14	16	210	27	14 1520
Hampton ...	42	31	30		0	0	0	158	414	172	0	7.1	230	21	14	16	230	37	14 1540
Kew ...	28	23	15		0	0	0	115	447	182	0	6.6	210	19	14	14	220	38	14 1345
Surrey Gatwick ...	69	10	10		0	1	1	180	449	114	0	7.7	230	23	14	15	230	35	14 1445
Kent Isle of Grain ...	15	12	10	Defective record															
Dungeness ...	16	10	10	Anemograph under repair	0	2	8	488	224	24	0	12.3	230	24	4	8	230	37	4 0645
Dover ...	21	12	19																
Manston ...	61	17	17		0	4	22	376	305	41	0	11.0	210	25	14	14	210	38	14 1830
Sussex Thorney Island...	16	10	10		0	1	2	357	328	57	0	10.2	230	23	14	15	250	31	28 1150
Berkshire Abingdon ...	90	12	12		0	0	0	166	434	144	0	7.4	250	19	28	16	210	32	14 1215
Hampshire Hurn ...	23	13	11		0	0	0	289	323	132	0	9.0	220	20	14	16	210	31	14 1535
Calshot ...	15	13	10		0	3	12	345	326	61	0	10.1	200	25	14	01	200	33	12 1500
R.A.E. Farnborough					0	0	0	157	457	130	0	7.3	210	19	14	16	210	31	14 1225
Wiltshire Larkhill ...	145	13	10		0	1	1	328	373	42	0	10.0	220	22	14	15	180	39	13 2345
Boscombe Down ...	130	16	16		0	2	4	362	327	51	0	10.2	230	23	14	15	190	33	13 2340
Porton ...	120	10	10		0	3	7	378	305	54	0	10.7	240	26	14	15	240	37	14 1215
7a ENGLAND NW																			
Cumberland Sellafield ...	25	12	11		0	0	0	166	419	159	0	7.3	210	21	29	9	040	32	14 1345
Carlisle ...	41	13	9		0	0	0	157	429	158	0	6.9	230	18	31	23	220	39	31 1945
Spadeadam ...	292	16	15		0	2	6	129	402	207	0	6.9	040	24	14	8	050	42	14 0820
Westmorland Great Dun Fell...	857	10	10	9,14,29,31	28	18	156	457	97	6	0	17.5	050	41	14	4	050	52	14 0830
Moor House ...	597	15	14	Defective record															
Lancashire Squires Gate ...	26	16	11		0	5	21	308	365	50	0	10.2	240	29	28	11	250	40	28 1110
Aigburth ...	38	23	11		0	2	4	153	432	155	0	7.2	230	25	28	12	230	40	28 1000
Southport ...	19	14	11		0	2	3	184	330	206	21	7.1	240	23	28	7	270	41	28 1250
Fleetwood ...	34	15	9		0	0	0	147	314	283	0	5.8	050	19	14	16	230	39	28 1010
Speke ...	30	10	10		0	2	6	258	384	96	0	8.9	240	27	28	11	240	44	28 1030
Manchester W/Centre	82	45	17		0	1	3	196	468	77	0	8.3	230	28	28	12	230	47	28 1130
Cheshire Bidston ...	80	20	12		0	1	2	162	465	112	3	-	260	23	31	21	280	45	28 1220
Ringway ...	80	10	10		0	0	0	180	454	110	0	7.7	240	20	28	12	240	32	28 1055
7b NORTH WALES																			
Anglesey Valley ...	26	16	12	28	1	9	61	388	205	89	0	12.0	210	34	28	11	210	43	28 1020
Merioneth Trawsfynydd ...	194	10	10		0	0	0	135	423	156	30	7.1	240	20	28	12	240	38	28 1140
8a SOUTH WALES																			
Cardigan R.A.E. Aberporth	144	10	10		0	3	10	375	277	82	0	10.4	320	32	10	15	330	49	10 1250
Pembroke Milford Haven																			
Conservancy Board	47	10	10		0	2	6	286	411	35	6	9.7	330	26	10	13	330	44	10 1225
Glamorgan Port Talbot ...	28	12	11	Defective record															
Rhoose ...	77	10	10		0	3	4	333	318	89	0	9.8	240	24	4	3	240	38	4 0220
8b ENGLAND SW																			
Dorset Portland Bill Coastguard	60	13	13		0	10	39	488	203	14	0	13.1	300	30	10	22	300	43	10 1820
Devon Mount Batten ...	64	13	13		0	5	8	335	316	85	0	9.8	190	24	12	9	080	47	18 0200
Chivenor ...	19	13	10		0	1	4	265	398	77	0	8.9	310	27	10	15	310	42	10 1430
Cornwall Scilly ...	70	20	17		0	2	7	295	299	143	0	8.7	250	27	3	21	250	39	3 1955
Lizard ...	96	23	18		0	9	45	432	237	20	10	12.7	100	32	18	4	110	45	18 0410
St. Mawgan ...	120	13	13		0	0	0	385	305	54	0	10.5	110	21	18	04	110	37	18 0340
NORTHERN IRELAND																			
Londonderry Ballykelly ...	13	12	10	Station closed															
Coleraine University	33	10	10		0	0	0	208	331	205	0	7.3	220	21	31	17	190	38	31 1640
Antrim Aldergrove ...	79	10	10		0	0	0	174	436	134	0	7.6	230	20	31	16	230	37	31 1640
Ballypatrick Forest	166	13	13		0	1	2	264	327	151	0	8.4	250	23	31	20	270	48	31 1900
Belfast Harbour...	21	18	18		0	3	23	328	300	67	26	10.3	040	28	13	23	230	41	31 1530
Down Kilkeel ...	35	18	14		0	3	7	203	386	134	14	8.2	350	24	14	16	350	38	14 1435
Orlock Head ...	51	16	12		0	3	12	313	326	93	0	9.3	040	31	13	24	040	42	13 2250
Armagh Portadown ...	26	10	10																
Tyrone Carrigans ...	129	10	10		0	0	0	132	303	309	0	5.6	220	18	31	15	220	35	31 1425
Fermanagh Castle Archdale Forest	80	13	13		0	0	0	113	388	241	2	6.1	200	21	31	15	200	34	31 1450
CHANNEL ISLES																			
Jersey Airport ...	98	18	12		0	3	4	422	292	26	0	11.3	310	23	27	8	080	37	18 0050

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more														
1970	Year	Blyth Bridge													157	-	23	6	30	19		29												
1971	January	Hamnavoe													66	76	11	23	21	13	2	1	0	0	0	0	7	-	-	0	-	-	-	
		Macclesfield			6.4	1.6	4.0	+1.2	13.3	10	-5.6	4	-	-	66	76	11	23	21	13	2	1	0	0	0	0	7	-	-	0	-	-	-	
		Sandown*			8.6	4.2	6.4	+1.1	11.6	29	-5.5	4	-	-	105	118	16	25	14	14	0	-	0	0	0	5	-	-	-	1.68	-	-	-	
	February	Macclesfield			6.7	1.6	4.1	+1.0	10.6	20	-3.9	16	-	-	36	52	8	12	14	10	7	0	0	0	1	1	4	-	-	0	-	-	-	
		Sandown*			9.2	3.8	6.5	+1.3	12.7	19	-1.0	16	-	-	20	35	11	14	3	3	0	-	0	0	0	1	1	-	-	-	3.41	-	-	-
	March	Askham Bryan			9.2	1.1	5.1	-0.2	12.2	8	-5.0	22	-	-	9	19	2	14	6	4		0	0	0	0	0	1	1	-	-	-	2.25	-	-
		Fort Augustus													65	-	11	19	21	16	-	0	-	-	-	2	8	-	-	-	-	-	-	
		Corpach																			0	0												
		Letcombe Regis			(8.5)	1.1	(4.8)	-	12.8	30	-5.0	4	-	-	63	-	19	17	15	9	4	1	0	1	0	1	9	-	-	0	-	-	-	
		Macclesfield			7.5	1.7	4.6	-0.9	11.1	24, 30	-4.4	4	-	-	59	114	19	24	14	13	7	3	0	0	2	0	6	-	-	0	-	-	-	
		Sandown*			9.4	3.2	6.3	-0.5	12.9	24	-3.9	7	-	-	53	107	19	17	6	6	1	-	0	0	0	0	5	-	-	-	4.35	-	-	-
		Chopwellwood													81	175			22	15														
	April	Hamnavoe													52	-	7	29	23	13														
		Strathconon																			0													
		Coire Cas Sheiling													73	-	20	23	19	13														
		Esgairwen-Uchaf			10.1	3.4	6.7	-	16.2	20	0.1	27	-	-	54	-	28	23	12	6	1	0	1	0	0	4	0	11	-	0	-	-	-	
		Letcombe Regis				2.8	7.3	-							53	-	28	23	9	5														
		Macclesfield			11.2	3.7	7.5	-0.4	17.8	22	-1.1	27, 28	-	-	50	80	25	23	7	6	0	0	0	1	0	1	3	-	-	0	-	-	-	
		Sandown*			(11.6)	5.5	(8.5)	-0.8	16.1	19	1.3	27	-	-	48	96	19	23	4	4	0	-	0	0	0	1	0	-	-	-	5.91	-	-	-
	May	Fort Augustus			15.6	6.0	10.8	+0.9	19.4	6	-0.1	29	-	-	41	-	8	16	13	9	-	0	-	-	-	0	1	-	-	-	4.85	-	-	-
		Kinross													51	-	17	23	12	8														
		Lauder			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.69	-	-	-
		Kildonan													52	-	11	15	15	12														
		Esgairwen-Uchaf			13.9	6.2	10.1	-	18.8	14	1.9	2	-	-	73	-	20	22	15	14	0	0	1	0	1	4	0	5	-	0	-	-	-	
		Bastreet			(15.5)	(5.1)	(10.3)	-			-4.5	4	-	-																				
		Macclesfield			16.2	7.0	11.6	+0.5	20.6	11	0.0	2	-	-	39	60	11	6	11	9	0	0	0	0	2	0	0	-	-	0	-	-	-	
		Sandown*			16.3	8.7	12.5	+0.2	23.2	12	3.7	1	-	-	29	65	8	6	7	7	0	-	0	0	2	0	0	-	-	-	8.39	-	-	-
	June	Cricket Malherbie			17.2	8.5	12.9	-	21.8	2	3.2	13	-	-	139	-	53	10	14	12	0	-	0	0	0	0	0	0	-	0	-	-	-	
		Sandown*			17.8	10.6	14.2	-1.1	24.7	3	6.4	13	-	-	170	473	60	10	9	9	0	-	0	0	0	0	0	-	-	-	7.44	-	-	-
	July	Sandown*			21.8	14.3	18.1	+1.1	27.0	9	10.6	19	-	-	12	22	6	23	4	4	0	-	0	0	0	0	0	-	-	-	9.89	-	-	-
	August	Sandown*			20.1	14.6	17.3	0.0	25.4	18	10.3	16	-	-	58	103	20	20	12	11	0	-	0	0	1	0	0	-	-	-	5.83	-	-	-

* Insert Sandown after Shanklin

Table VIII	1969	February	Lerwick	Max. temp (0.1 - 5.0) should read	19
	1970	January	Gorleston	Max. temp (5.1 - 10.0) should read	15
	1970	January	After Kew insert (Psychrometer)		

Table 3	1971	Pershore	The height above MSL for this station should be 35 metres (not 114). January - June (incl.).
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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

SEPTEMBER**1971**

VOLUME 88

NUMBER 9

Long dry and sunny spells, especially in the south and east

Except on the first 3 days, anticyclones or ridges of high pressure predominated over or near the British Isles until the 22nd, although weak troughs of low pressure affected briefly some areas in the west and north. During the last 7 days relatively low pressure occurred in all districts.

Weather

The first half of the month was mainly dry and sunny and although this weather continued in many eastern and southern areas until the beginning of the fourth week, it became less settled elsewhere. On the 23rd/24th showers of snow or sleet (rain or drizzle and snow) fell on the peaks of the Cairngorms and changeable weather extended to all areas of the country for the remainder of the month.

Wind

On the 1st a vigorous depression to the north of Britain brought gales to parts of Scotland and northern England. Gusts of 40 kt or more occurred widely in the north and they reached gale force even as far south as Kent. During a gale in the extreme north of Scotland on the 23rd a gust of 60 kt was recorded at Kirkwall (Orkney).

Temperature

Monthly mean temperature was above average, except in some parts of eastern England where it was a little below average. The mean temperature of 13.5°C at Buxton (Derbyshire), height 307 metres, was the highest recorded there in September since 1908 when available summaries began, and the mean September temperature of 14.0°C at Llandrindod Wells (Radnorshire) was last exceeded there in 1949. Except for a few days around the 14th and again around the 25th, day-time temperatures often rose well above average. In the Cairngorms on the 8th the temperature at Glenmore Lodge (Inverness-shire), 341 metres, reached 27.1°C which is the highest there in September since 1951. On the other hand the nights were cold occasionally and from the 16th to 22nd the temperature contrast between cold nights and succeeding warm days was very marked in central and south-east England. This was well illustrated at Kew (Greater London) where from the 18th to 20th the daily range of air temperature as measured by an aspirated psychrometer was 18°C which is about twice the average range. Air frost occurred in southern Scotland overnight on the 11th/12th and in central and southern Scotland and northern England on the 3 nights commencing on the 23rd/24th; the air temperature at Carnwath (Lanarkshire) fell to -4.5°C on the morning of the 24th.

Rainfall

Except in a few small areas in north Scotland where the average rainfall was just exceeded, the United Kingdom was drier than average while over England and Wales as a whole and over Scotland it was the driest September since

1959. Most of east and south Scotland, Northern Ireland and practically the whole of England and Wales recorded less than half the average rainfall. Some localities had less than a quarter of the average, notably in the southernmost counties of England where parts of Devon, Dorset and Somerset had less than one tenth; only 3 per cent (1.8 mm) occurred at Vivary Park in Taunton (Somerset). Some stations had their lowest September rainfall for over 40 years, notably Durham since 1910 although it was equally low in 1941, St Andrews (Fife) since 1920 and Sidmouth (Devon) since 1929 when records began. The main feature of the month was the long dry spell in parts of east Wales and eastern and southern England where many places had no measurable rainfall until the 22nd; Littlehampton (Sussex) recorded rainfall on the 24th and 26th only. Elsewhere, very little rainfall occurred during the first fortnight, except in north and west Scotland, but it then became more changeable and this type of weather affected all districts during the last 7 days. On the 23rd rain spread from Scotland to the rest of the United Kingdom with thunderstorms in Wales, the Midlands and East Anglia; a rainfall of 33.1 mm in about 2 hours was recorded at Allensmore (Herefordshire). Widespread rain occurred on the 26th; 53.3 mm of rain fell at Ceinws (Montgomeryshire) in the 24 hours from 09 GMT and thunderstorms broke out in central and eastern England.

Sunshine

Amounts of sunshine were above average nearly everywhere; only parts of extreme north and east Scotland had deficits and these were small. It was the sunniest September at Springburn

Park in Glasgow since 1914, at Perth since 1919, at Braemar (Aberdeenshire) since records began in 1933 and at Armagh since 1949, while many stations had their highest September sunshine since 1959. The period 4th to 12th was very sunny over most of the country; the main exceptions were north Scotland on the 5th and 6th and south-west England on the 10th and 11th. Much of the southern half of England and Wales had another sunny spell from the 16th to 21st.

Fog

Overnight fog was a recurrent feature in many areas during most of the period 4th to 23rd, especially in the Midlands and southern England. In general the fog occurred in patches and cleared soon after dawn but occasionally it was more widespread and persistent. Fog was slow to clear in the Midlands on the 13th and 19th, and in south-east England on the 21st. By dawn on the 23rd fog was widespread in England and Wales with dense patches in places; it was slow to clear everywhere and patches persisted for much of the day in Lincolnshire and south Yorkshire.

Miscellaneous phenomena

On the 24th a waterspout was seen from St Mary's in the Scilly Isles. Violent local winds associated with thunderstorms in Cheshire, Derbyshire and Yorkshire on the afternoon of the 26th caused much structural damage in a number of localities. The aurora was seen by observers in Scotland on 16 nights and there was an observation of noctilucent cloud reported from the Scilly Isles on the 26th.

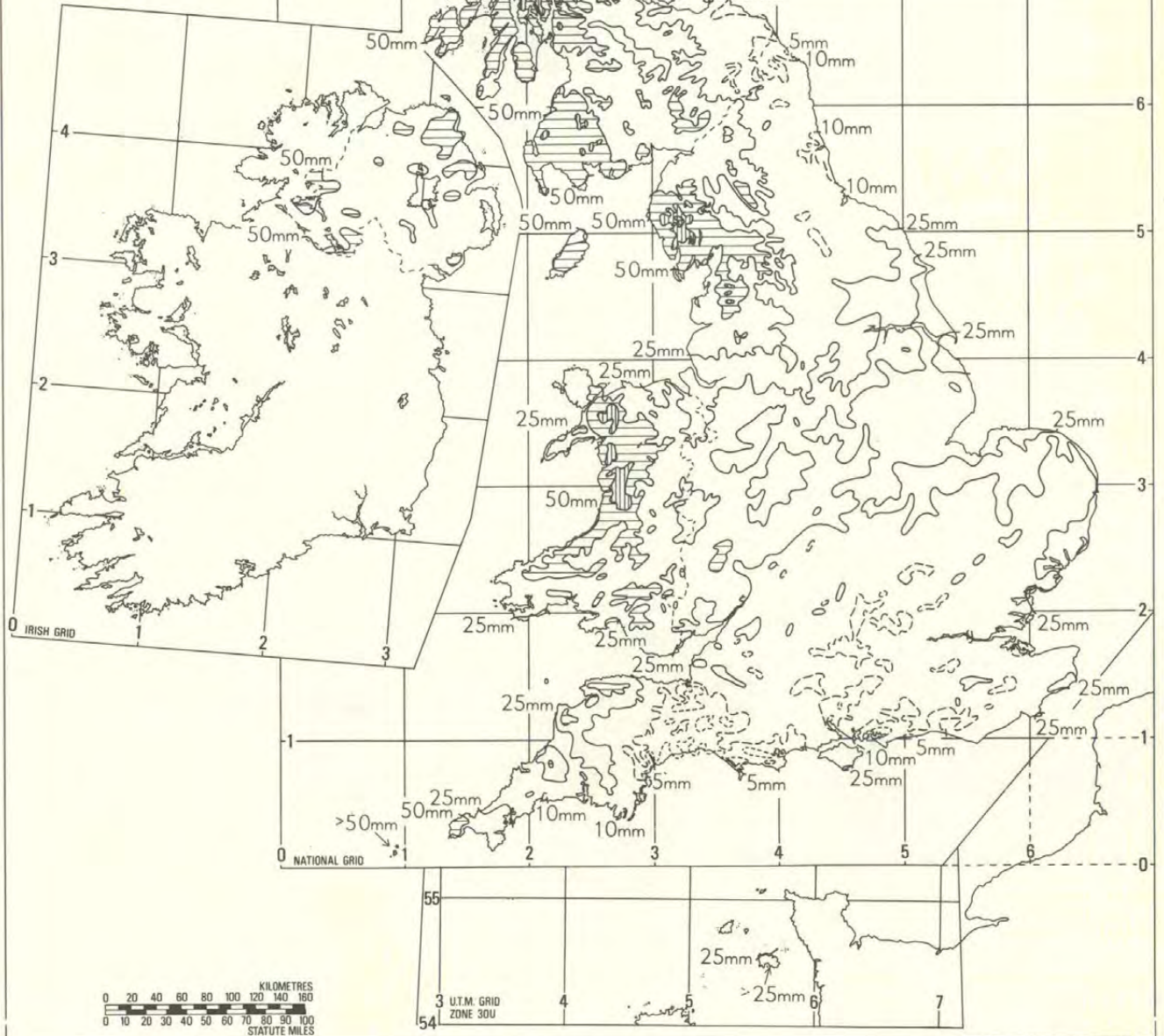
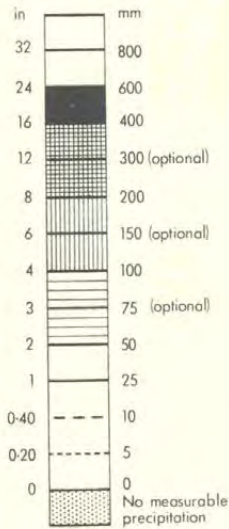
Table 1 District Values**September 1971**

District	air temperature °C					mean 30 cm earth temp C°	rain days	rain- fall	sun- shine
	High Max.*	Lowest Min.*	max.	min.	mean				
0 Scotland N	23.3	−0.2	+0.9	+0.1	+0.5	—	−3	52	109
1 Scotland E	25.6	1.1	+1.2	+0.9	+1.1	+0.9	−6	34	109
2 England N E	23.3	2.2	+0.9	+0.0	+0.4	+0.9	−6	32	122
3 England E	24.4	2.2	+0.9	−0.9	0.0	0.0	−7	41	122
4 Midlands	24.3	2.9	+1.2	−0.3	+0.4	+0.7	−7	37	128
5 England S E	25.7	1.9	+1.2	−0.7	+0.2	−0.2	−8	25	127
6 Scotland W	23.3	−1.9	+1.2	+0.4	+0.8	+0.7	−6	44	119
7 Eng N W - Wales N	25.6	1.8	+1.7	+0.0	+0.8	+0.8	−6	38	134
8 Eng S W - Wales S	24.7	1.3	+1.9	+0.4	+1.1	+0.9	−7	30	133
N Ireland	22.3	−1.1	+1.7	−0.3	+0.7	—	−7	43	129
Scotland	25.6	−1.9	+1.2	+0.5	+0.8	—	−5	44	112
Eng - Wales	25.7	1.3	+1.3	−0.3	+0.5	—	−7	34	128

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

RAINFALL SEPTEMBER 1971

The approximate values in inches are given. The exact relation is 25.4 mm = 10 in



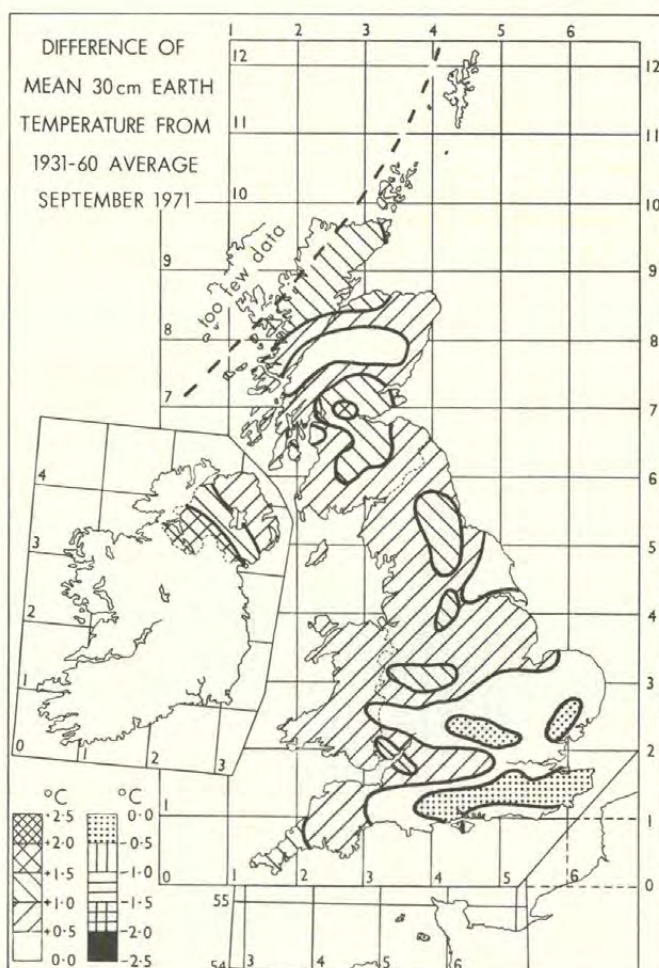
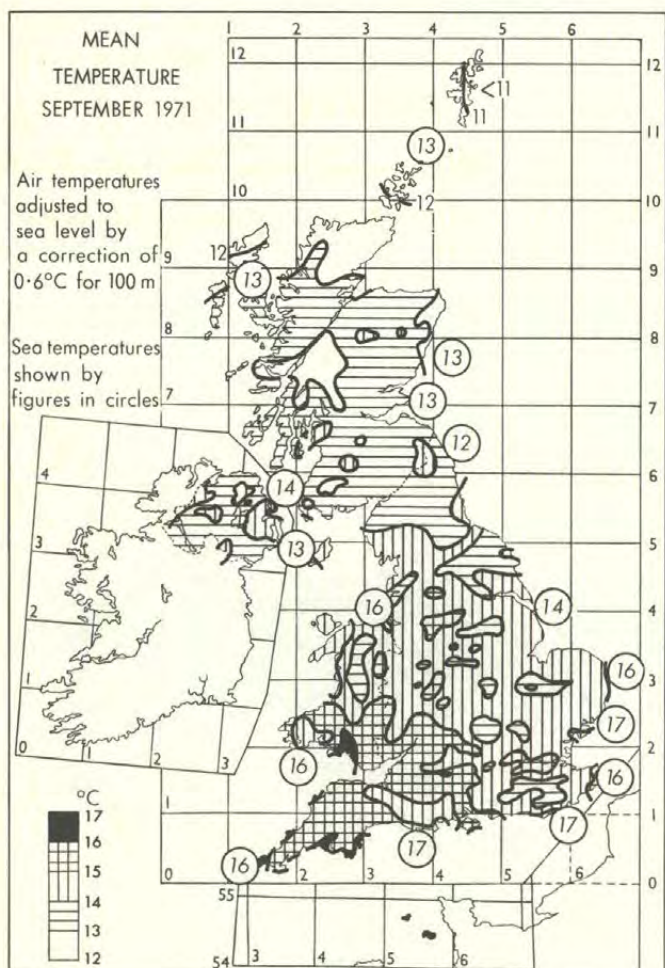
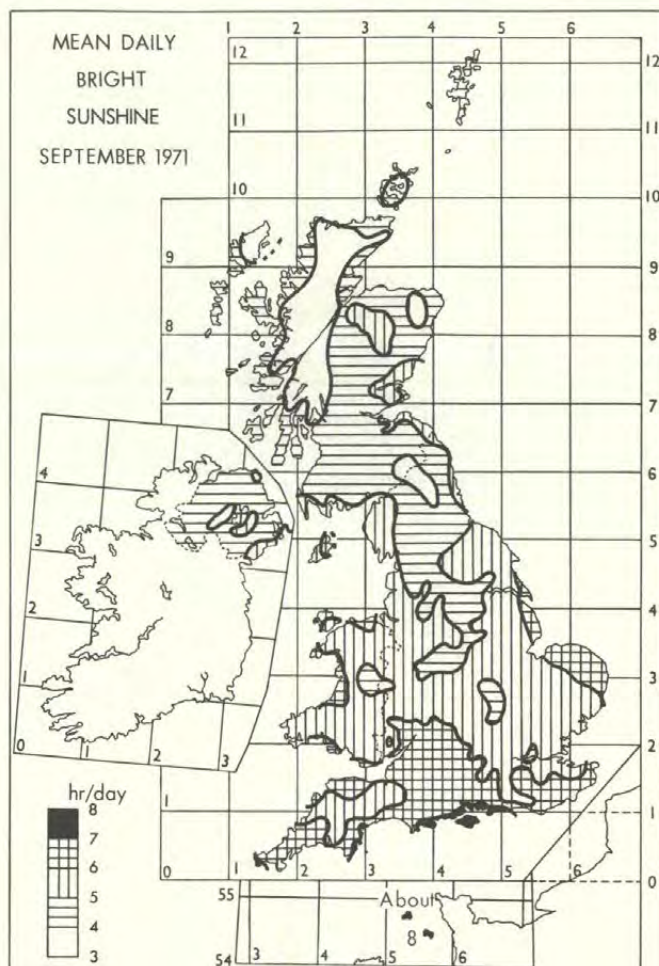
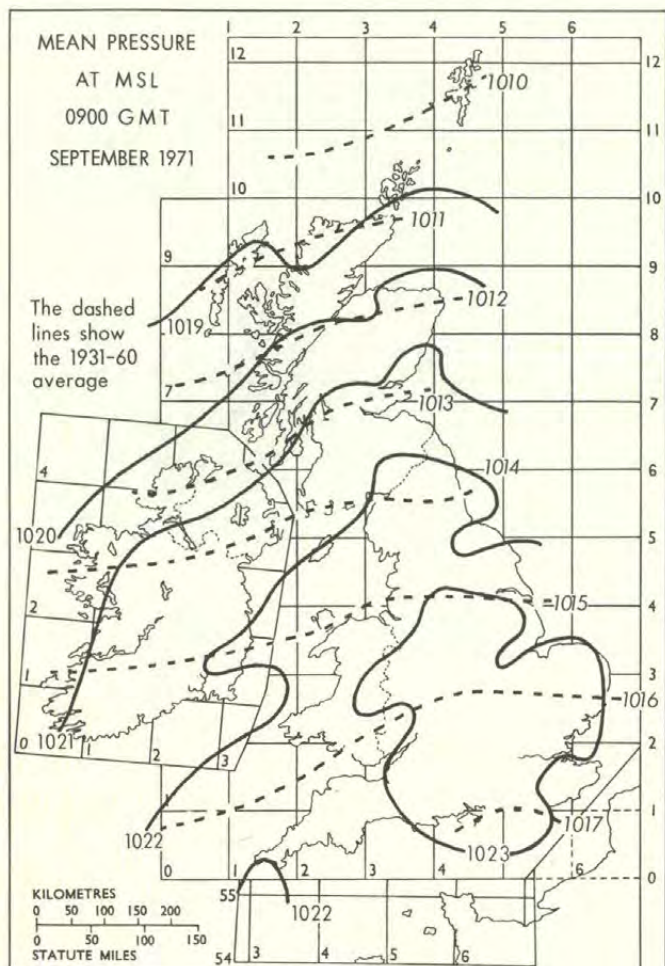


Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

September 1971

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'n		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	0.2mm or more	1.0mm or more														
1 SCOTLAND E — continued																																
Aberdeen — continued																																
Inverurie Sewage Works ...	99	54	17.3	7.8	12.5	—	24.4	6.7	-0.8	25	—	—	43	—	13	26	13	8	0	0	0	0	0	1	2	3	—	0	3.78	—	—	
Fyvie Castle ...	99	66	16.9	—	—	—	24.5	6.7	—	—	—	—	46	58	12	16	14	8	0	0	0	0	—	—	—	—	0	3.83	—	—	—	
Craibstone ... ¶ § ±	99	91	16.4	8.6	12.5	+0.9	23.8	6	2.1	26	12.9	12.7	48	62	27	26	15	8	0	0	0	0	0	0	1	—	0	4.21	97	—	—	
Dyce ...	21-9	58	16.7	8.5	12.6	+0.9	23.5	6	0.2	26	—	—	48	60	24	26	15	8	0	0	0	0	0	1	0	5	1	0	4.26	—	—	
Aberdeen ...	99	52	16.2	9.2	12.7	+0.9	22.1	7	1.5	25	—	—	42	56	21	26	12	7	0	0	0	0	0	0	0	2	—	0	4.48	106	—	
Fraserburgh ...	21-9	18	15.8	10.2	13.0	—	24.0	7	5.9	26	—	—	40	—	10	22	15	7	0	0	0	0	0	0	0	0	0	0	4.32	—	—	
Kincardine																																
Fettercairn ...	99	171	16.4	8.7	12.5	+1.3	21.8	6	1.7	25	—	—	46	53	26	26	9	5	0	0	0	0	0	2	0	2	—	0	4.12	—	S	
Strachan ...	99	120	17.3	7.5	12.4	—	23.4	6	-2.1	26	12.2	—	37	—	17	26	9	7	0	0	0	0	0	4	2	2	—	0	4.65	—	—	
Banchory ...	99	77	17.7	8.7	13.2	—	24.1	6	-0.9	26	—	—	42	—	15	26	11	7	0	0	0	0	0	1	1	2	—	0	—	—	—	
Stonehaven ...	99	4	16.2	9.1	12.7	+0.5	21.1	6	1.1	25,26	—	—	31	44	(15)	26	10	7	0	0	0	0	0	0	0	—	—	0	4.53	109	—	
Angus																																
Mylnfield ... §	99	30	17.4	9.4	13.4	—	23.7	7	2.7	24	13.3	12.7	17	29	10	26	7	4	0	0	0	0	0	1	0	2	—	0	5.27	—	—	
Dundee ... ¶	99	45	17.8	9.9	13.9	+1.5	23.7	6	3.4	25	13.8	—	12	18	6	26	7	4	0	0	0	0	0	0	0	2	—	0	5.18	—	—	
Glamis Castle ...	99	61	17.3	8.2	12.7	—	23.3	7	-1.1	25	—	—	26	35	10	26	10	6	0	0	0	0	0	1	1	3	—	1	—	—	—	
Whitehilllocks ...	99	258	16.4	7.2	11.8	—	23.1	6	0.0	26	—	—	37	39	29	26	8	5	0	0	0	0	0	0	0	2	—	0	—	—	S	
Buddon Ness ...	99	5	17.2	8.7	12.9	+0.9	21.4	6	-3.1	24	—	—	13	21	7	26	8	3	0	—	0	0	0	0	1	—	—	1	—	—	—	
Carnoustie ...	99	9	17.6	9.3	13.5	—	22.3	6	4.1	26	—	—	17	26	11	26	7	4	0	0	0	0	0	0	0	—	—	0	5.51	—	—	
Arbroath ... §	99	28	16.8	10.1	13.5	+1.3	20.6	18	3.3	25	—	—	9	14	4	26	7	2	0	0	0	0	0	0	0	2	—	0	5.43	117	—	
Usan ...	21-9	30	16.0	10.1	13.1	—	20.4	18	4.0	25	—	—	16	—	11	26	7	4	0	0	0	0	0	0	0	0	0	0	5.28	—	—	
Montrose ...	99	57	16.7	9.3	13.0	—	22.5	6	2.2	25	—	—	22	33	12	26	7	5	0	0	0	0	0	0	0	1	—	0	—	—	—	
Perth																																
Aberfoyle ...	99	27	17.5	7.9	12.7	—	22.5	7.8	-2.5	25	—	—	45	—	10	26	15	13	0	—	0	0	0	—	2	2	—	0	—	—	—	
Dall ...	99	232	16.2	6.5	11.3	—	22.5	6	-1.2	25	—	—	31	—	6	26	14	9	0	0	0	0	0	2	2	4	—	0	—	—	—	
Callander ...	99	107	16.8	7.9	12.3	—	22.0	7	0.0	24	—	—	53	—	13	26	18	11	0	0	0	0	0	0	0	2	—	0	—	—	—	
Ardtallnaig ...	99	130	17.1	8.7	12.9	—	22.5	7	1.0	25	—	—	36	34	9	26	14	10	0	0	0	0	0	1	0	1	—	0	4.08	—	—	
Drummond Castle ...	99	113	16.9	8.0	12.5	—	22.1	7	-0.6	25	14.2	—	32	—	13	26	13	8	0	0	0	0	—	1	4	—	0	—	—	—	—	
Gleneagles ...	99	152	16.7	7.7	12.2	—	22.0	7	-1.7	25	—	—	26	26	9	26	12	9	0	—	0	0	0	3	2	2	—	0	4.65	—	—	—
Pitlochry ...	99	144	—	7.9	—	—	—	—	-0.6	25	—	—	28	40	8	14	15	9	0	0	0	0	0	1	1	3	—	0	4.73	—	—	
Faskally ...	99	94	17.5	8.2	12.9	—	23.9	7	0.0	25	14.2	14.2	26	37	7	26	16	8	0	0	0	0	0	0	0	3	—	0	—	—	—	
Ashintully Castle ...	99	341	16.2	7.3	11.7	—	22.8	6	-0.2	25	—	—	28	—	8	26	15	11	0	0	0	0	0	4	1	3	—	0	—	—	—	
Strathallan ...	99	41	17.7	9.0	13.3	—	23.3	7	0.8	25	—	—	19	—	9	26	9	4	0	0	0	0	0	1	0	3	—	1	—	—	—	
Perth ...	99	23	18.1	9.5	13.8	+1.3	26.4	7	1.7	25	—	—	17	25	10	26	6	4	0	0	0	0	0	2	0	3	—	0	5.13	129	—	
Blairstown ...	99	70	17.3	8.1	12.7	—	22.8	7	0.0	12	14.0	—	20	32	11	26	10	5	—	—	—	—	—	0	3	—	—	0	4.80	—	—	
Kinross																																
Kinross ...	99	113	17.1	7.9	12.5	—	23.2	7	0.0	25	13.3	—	19	—	8	26	7	4	—	0	—	—	—	—	0	1	—	—	4.88	—	—	
Fife																																
Pitreavie ...	99	40	17.3	9.8	13.5	—	23.7	6	2.7	24	—	—	23	—	7	26	9	4	0	0	0	0	0	0	0	2	0	0	—	—	—	
Kirkcaldy ...	99	32	17.0	9.2	13.1	+0.6	22.3	6	3.0	25	—	—	29	41	18	26	10	5	0	0	0	0	0	0	0	0	—	0	4.90	—	—	
Cupar ...	99	25	17.3	8.4	12.9	—	23.3	6	-0.6	25	13.7	—	10	16	5	26	7	3	0	0	0	0	0	1	1	3	—	0	5.17	—	—	
Leuchars ...	21-9	10	17.4	9.0	13.2	+0.7	23.8	6	1.3	26	—	—	9	15	5	26	8	2	0	0	0	0	0	1	0	3	3	0	4.94	109	—	
St Andrews ...	99	18	17.3	10.3	13.8	—	23.5	6	3.0	25	13.9	13.6	8	—	3	26	6	3	—	0	—	—	—	0	0	3	—	—	5.17	115	—	
West Lothian																																
Livingston ...	99	125	17.2	7.8	12.5	—	24.0	7	-2.5	25	—	—	21	—	7	14	13	5	—	—	—	—	—	5	2	2	—	—	—	—	—	
Midlothian																																
Turnhouse ...	21-9	35	17.7	8.9	13.3	+1.0	24.7	7	-0.6	24	—	—	20	32	9	14	10	5	0	0												

⁴ Eskdalemuir. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

⁵ Used as District Value station for temperature and sunshine for District 1.

Table 3 Summary of daily observations

For meaning of symbols § § § used below see Notes in the Introduction.

September 1971

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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day amount (mm)	date	precip'n 0.2mm or more	1.0mm or more	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)	daily mean (mean of a + b)		max.	date	min.	date																					
2 ENGLAND NE — continued																															
Yorkshire N Riding																															
Leeming ...	21-9	32	18.6	9.3	13.9	—	23.1	8	3.6	12	—	—	13	24	5	26	8	5	0	0	0	0	0	2	0	0	0	0	5.17	—	—
Marton ...	99	46	18.3	9.6	13.9	—	22.7	8	4.7	24	14.7	14.1	11	—	3	3	8	4	0	0	0	0	0	—	0	0	—	0	5.34	—	—
York (Heslington) ...	99	20	18.7	9.0	13.9	—	22.2	8	4.4	18	14.5	14.7	28	—	14	26	7	6	0	0	0	0	1	1	0	0	—	0	4.98	—	—
Yorkshire E Riding																															
Redcar ...	99	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pickering ...	99	44	18.5	7.7	13.1	—	22.2	6	2.4	12	—	—	22	—	13	26	8	3	0	0	0	0	1	1	0	2	—	0	—	—	—
Scarborough ...	99	53	(17.7)	(10.6)	(14.1)	—	20.3	18	3.9	26	14.8	14.5	31	—	23	27	7	5	0	0	0	0	1	0	0	—	—	0	5.59	123	—
Silpho Moor ...	99	203	16.6	8.8	12.7	—	20.2	30	1.9	26	13.1	—	—	—	14	26	8	5	0	0	0	0	1	1	0	2	—	0	5.36	—	—
Whitby Coastguard ...	21-9	60	16.6	9.5	13.1	—	21.6	30	3.0	26	—	—	12	—	6	26	6	3	0	0	0	0	0	0	0	0	0	—	—	—	—
Lincoln																															
High Mowthorpe ...	99	175	(17.6)	(9.2)	(13.4)	—	20.8	6	4.6	26	(13.3)	—	18	29	7	27	9	4	—	—	—	—	1	0	1	—	—	0	5.06	—	—
Hull ...	99	2	19.4	9.9	14.7	+0.3	22.8	30	5.6	27	14.9	14.9	26	49	6	27	10	5	0	0	0	0	1	0	0	0	—	0	5.46	126	—
Filey ...	99	37	16.9	9.3	13.1	—	21.1	30	2.4	26	—	—	24	43	13	27	6	3	0	0	0	0	0	2	0	0	—	0	5.69	—	—
Bridlington ...	99	48	17.2	9.4	13.3	+0.2	21.2	30	4.4	26	—	—	23	40	8	26	7	4	0	0	0	0	0	2	0	0	—	0	5.78	126	—
Kilnsea ...	21-9	12	17.3	11.8	14.5	—	24.0	2	6.7	12	—	—	25	—	10	2	6	6	0	0	0	0	0	1	0	—	—	1	6.42	—	—
Waddington ...																															
Lincoln ...	99	7	19.2	7.9	13.5	-0.2	23.3	8	2.2	19	15.3	15.0	17	34	4	26	7	6	0	0	0	0	0	3	0	1	—	0	5.24	—	—
Cranwell ...	99	62	19.0	9.2	14.1	+0.3	23.8	8	4.9	12	15.5	15.8	19	36	6	24	6	6	0	0	0	0	1	3	0	0	0	—	5.28	116	—
Brigg ...	99	3	19.5	8.6	14.1	—	22.7	7	3.5	6	—	—	27	—	8	27	9	5	0	0	0	0	1	2	0	7	—	0	—	—	—
Binbrook ...	21-9	108	18.1	9.8	13.9	—	21.3	2	4.9	12	—	—	23	—	8	2	10	6	0	0	0	0	0	1	0	0	0	—	—	—	—
Cleethorpes ...	99	7	(18.6)	(11.4)	(15.0)	(+0.6)	22.0	3	7.5	12	—	—	30	64	9	2	7	6	—	—	—	—	1	0	—	—	—	—	6.11	127	—
Manby ...	21-9	17	19.1	9.6	14.3	—	22.8	2	5.0	26	15.3	—	23	47	7	2	8	7	0	0	0	0	0	1	0	0	0	—	6.16	—	—
Skegness ...	99	5	18.9	10.7	14.8	+0.6	23.3	2	6.7	18	—	—	15	30	8	24	6	5	0	0	0	0	0	1	0	0	—	0	6.24	131	—
3 ENGLAND E																															
Norfolk																															
Terrington St. Clement ...	99	4	19.7	8.6	14.1	-0.2	24.3	8	3.9	19	14.8	—	15	32	10	24	5	4	0	0	0	0	0	1	0	2	—	0	5.89	126	—
Marham ...	21-9	23	19.8	8.7	14.3	—	24.0	8	3.6	19	—	—	22	—	13	24	6	4	0	0	0	0	0	2	0	0	0	—	—	—	—
Santon Downham ...	99	24	20.2	6.0	13.1	—	23.7	8	0.8	16	14.6	14.7	28	46	10	27	6	5	—	—	—	—	—	3	10	—	—	—	5.73	—	—
West Raynham ...	21-9	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
East Dereham ...	99	53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Morley St Botolph ...	99	48	19.4	8.1	13.7	—	23.4	2	2.8	16	14.9	—	26	—	11	27	6	4	0	0	0	0	—	0	1	—	0	6.02	—	—	—
Cromer ...	99	54	17.7	10.8	14.3	-0.4	22.9	2	7.8	18	—	—	23	39	15	24	7	4	0	—	0	0	0	0	0	—	—	0	6.45	130	—
Coltishall ...	21-9	17	19.1	9.2	14.1	—	23.1	2	2.5	16	—	—	24	—	13	24	11	5	0	0	0	0	0	1	0	1	0	0	—	—	—
Burlingham ...	99	27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gorleston ...	21-9	4	18.6	11.7	15.1	+0.3	23.3	2	7.7	16	15.7	15.5	24	42	14	27	6	5	0	0	0	0	0	0	0	0	0	0	6.32	124	—
Suffolk																															
Brooms Barn ...	99	75	19.6	9.2	14.4	—	25.1	1	5.1	12	15.4	15.6	24	—	9	26	5	4	0	0	0	0	1	1	0	0	—	0	5.74	—	—
Honington ...	99	51	19.8	8.9	14.3	—	23.2	2	3.5	12,16	—	—	22	—	9	27	5	4	0	0	0	0	1	0	0	1	0	—	—	—	—
East Bergholt ...	99	4	20.4	7.7	14.1	—	23.4	20	2.2	18	—	—	24	47	7	26	7	5	—	—	—	—	1	0	5	—	—	—	—	—	—
Wattisham ...	21-9	89	19.0	9.3	14.1	—	22.2	2	5.1	18	—	—	22	41	8	26	6	5	0	0	0	0	1	0	0	0	0	0	5.90	—	—
Lowestoft ...	99	25	18.9	10.7	14.8	+0.1	23.4	2	7.2	16,18	15.7	15.7	33	62	20	27	7	5	0	0	0	0	0	0	0	0	0	0	6.23	122	—
Cambridge																															
Boxworth ...	99	44	—	8.8	—	—	24.4	8	4.3	19	—	—	19	38	6	24	6	4	0	0	0	0	0	2	0	1	—	0	(5.79)	—	—
Mepal ...	99	1	20.2	5.5	12.7	—	25.8	9	-0.3	19	15.2	—	14	—	6	24	5	5	0	0	0	0	0	3	1	2	—	0	5.45	—	—
March ...	99	2	20.2	8.9	14.5	—	24.7	7	4.2	16	—	—	23	44	11	24	5	4	—	—	—	—	—	—	—	—	—	—	—	—	—
Cambridge																															
Botanic Gardens ...	99	12	20.4	(8.7)	(14.5)	(-0.2)	24.4	8	2.2	16	15.3	15.6	22	42	9	27	6	5	0	—	0	0	0	1	0	0	—	0	—	—	—
N I A B ...	99	26	20.1	8.6	14.3	0.0	23.9	2	4.3	19	—	—	21	42	8	27	6	5	0	0	0	0	0	2	0	5	—	0	5.77	125	—
Huntingdon																															
Monks Wood ...	99	40	19.9	8.0	13.9	—	24.6	8	3.6	19	—	14.7	25	—	12	24	6	5	—	0	—	—	—	5	0	0	—	—	5.63	—	—
Wyton ...	21-9	39	19.7	9.5	14.6	—	24.1	8	6.0	12	—	—	24	48	12	24	6	5	0	0	0	0	1	4	0	1	0	0	—	—	—
Bedford																															
Woburn ...	99	89	19.1	7.6	13.3	-0.4	23.0	8	1.6	16	14.8	14.7	16	30	4	26	5	5	0	0	0	0	0	1	0	5	—	0	5.07	112	—
Silsoe ...	99	61	19.6	7.9	13.7	—	23.8	8	1.8	16	14.9	15.5	9	18	3	26	5	4	0	0	0	0	1	4	0	3	0	0	5.20	—	—
Cardington ...	21-9	28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Luton ...	99	159	(19.2)	(8.9)	(14.1)	—	23.4	8	5.5	30	15.8	(15.1)	18	—	13	26	3	3	—	0	—	—	—	2	0	0	—	—	5.59	—	—
Hertford																															
Aldenharn School ...	99	91	20.5	(7.5)	(14.0)	—	23.5	2	1.2	16	15.0	—	11	—	5	26	5	3	0	0	0	0	1	0	0	2	—	0	—	—	—
Garston ...	99	78	20.1	8.2	14.1	—	23.6	8	1.8	16	—	—	8	14	3	26	5	3	—	—	—	—	—	1	0	3	0	—	(5.67)	—	—
Rothamsted ...	99	128	19.3	8.4	13.9	+0.2	22.8	8	2.9	16	14.3	14.1	13	23	8	26	4	4	0	0	0	0	1	1	0	1	—	0	5.55	123	—
St Albans ...	99	83	19.7	8.4	14.1	+0.2	23.1	8	0.9	18	15.8	—	19	35	11	27	5	4	0	0	0	0	0	1	0	6	—	0	5.82	—	—
Letchworth ...	99	64	(20.6)	(6.2)	(13.4)	—	24.3	8	2.7	16	—	—	8	16	5	27	4	2	—	—	—	—	—	—	—	—	—	—	—	—	—
Stanstead Abbots ...	99	30	(20.1)	(6.6)	(13.3)	—	22.8	8	0.3	16	(16.3)	(16.7)	21	—	13	26	6	5	—	—	—	—	—	—	—	—	—	—	—	—	—
Hoddesdon ...	99	43	20.4	8.6	14.5																										

Table 3 Summary of daily observations

For meaning of symbols: § 5 ± S used below see Notes in the Introduction.

September 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day	precip'n	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																				0.2mm or more	1.0mm or more		
4 MIDLAND COUNTIES — continued																																	
Yorkshire W Riding — continued																																	
Huddersfield	§	99	99	18.3	(9.6)	(13.9)	—	23.7	8	6.2	12	14.9	14.8	12	19	5	24	6	4	—	0	—	—	—	4	0	0	—	—	4.65	125	—	
Huddersfield Oakes	...	21-9	235	17.9	9.5	13.7	+0.8	22.8	6	6.3	27	14.1	12.8	17	24	6	24	9	4	0	0	0	0	9	0	0	0	0	4.97	131	—		
Bradford	¶	99	134	18.0	9.5	13.7	+0.6	23.1	8	5.3	12	14.2	14.4	17	26	7	26	11	4	0	0	0	0	4	0	0	—	0	4.56	122	8		
Ilkley	...	99	96	18.3	9.2	13.7	+0.6	23.5	8	4.5	12	—	—	16	22	8	26	9	4	0	0	0	0	1	0	—	—	0	5.04	131	—		
Sheffield	...	99	131	18.8	(10.1)	(14.5)	(+0.7)	23.9	8	5.6	25	15.0	15.1	31	53	17	26	6	5	0	0	0	0	1	—	0	0	—	1	4.93	128	—	
Pontefract	...	99	78	18.4	9.9	14.1	+0.6	23.3	8	7.2	27	—	—	18	36	9	26	6	5	0	0	0	0	1	4	0	0	—	0	—	—	—	
Bramham	...	99	54	18.6	8.7	13.7	—	22.3	8	3.3	12	—	—	—	—	—	—	—	—	—	—	—	—	1	2	0	1	—	0	—	—	—	
Cawood	...	99	6	19.1	8.3	13.7	—	23.3	8	4.1	19	14.5	14.7	36	69	21	26	8	7	0	0	0	0	1	2	0	0	—	0	4.92	—	—	
Askham Bryan	...	99	34	18.7	9.1	13.9	—	22.3	8	5.6	19	—	—	24	44	12	26	8	5	0	0	0	0	1	2	0	0	—	0	—	—	—	
Derby																																	
Buxton	§	99	307	18.5	8.5	13.5	+1.7	24.2	8	4.4	18	13.7	14.3	16	16	3	24	12	6	0	0	0	0	5	0	0	—	0	—	—	—	—	
Mackworth	...	99	89	18.6	8.9	13.7	—	23.5	2	3.0	19	—	—	25	—	10	3	6	5	—	—	—	—	4	0	—	—	—	—	—	—	—	
Belper	...	99	62	18.9	(8.0)	(13.5)	(-0.1)	24.6	8	3.4	18	—	—	22	36	6	26	7	6	0	0	0	0	—	0	—	—	—	—	—	—	—	
Ashover	...	99	186	18.2	9.0	13.6	—	23.4	8	5.8	18	—	—	31	—	14	24	7	5	0	0	0	0	2	0	0	—	0	5.31	—	—	—	
Derby	...	99	48	19.4	9.5	14.5	—	24.5	8	4.0	19	—	—	22	37	7	3	7	5	0	0	0	0	1	3	0	0	—	0	4.81	—	—	
Morley	...	99	107	(18.8)	8.1	(13.5)	—	23.3	8	4.4	7	—	—	22	36	7	3	7	4	—	—	—	—	7	0	0	—	—	4.90	—	—	—	
Wingerworth	...	99	126	18.1	7.3	12.7	—	22.8	8	2.1	25	15.2	—	32	—	16	24	7	5	0	0	0	0	2	0	2	—	0	4.89	—	—	—	
Nottingham																																	
Sutton Bonington	...	99	48	18.8	(8.4)	(13.6)	(0.0)	24.2	8	4.3	5	14.7	14.8	21	45	9	26	7	5	0	0	0	0	0	2	0	2	—	0	4.98	124	—	
Watnall	...	21-9	117	18.9	9.4	14.1	+0.5	24.0	8	4.7	19	—	—	25	46	11	26	8	5	0	0	0	0	4	0	0	0	0	4.56	114	—	—	
Mansfield	...	99	110	18.4	9.6	14.0	+0.4	22.9	8	6.7	19	(14.3)	—	26	48	11	26	9	6	0	0	0	0	0	0	0	—	0	—	—	—	—	
Nottingham	¶	99	59	19.2	10.3	14.7	+0.5	24.0	8	5.5	19	15.1	15.6	23	47	9	26	7	5	0	0	0	0	2	0	0	—	0	5.23	134	—	—	
Warsop	...	99	46	19.1	7.3	13.2	—	23.6	8	1.9	19	—	—	27	59	12	24	8	5	—	—	—	—	0	0	5	—	—	5.08	—	—	—	
Finningley	...	21-9	10	19.8	9.7	14.7	+0.8	25.2	8	6.0	19,21	—	—	18	38	7	26	9	4	0	0	0	0	1	3	0	0	0	4.95	—	—	—	
Leicester																																	
Newtown Linford	...	99	119	18.9	8.4	13.7	—	23.9	8	4.1	19	—	—	34	63	13	26	8	4	0	0	0	0	2	0	1	—	0	5.12	—	—	—	
Caldecott	...	99	53	19.8	6.9	13.3	—	24.3	8	0.8	19	—	—	16	34	7	24	4	4	—	—	—	—	8	0	0	—	—	4.91	—	—	—	
Northampton																																	
Bugbrooke Mills	...	99	69	19.5	7.9	13.7	—	23.9	8	2.3	18,19	13.8	14.2	16	30	5	24	7	4	—	—	—	—	1	0	—	—	—	5.29	—	—	—	
Raunds	¶	99	59	19.6	8.4	14.0	0.0	24.1	8	2.9	12	15.2	14.7	18	33	9	24	5	5	0	0	0	0	3	0	0	—	0	4.85	113	—	—	
Wittering	...	99	65	19.5	9.6	14.5	+0.5	24.2	8	5.8	16	—	—	31	63	15	23	8	4	0	0	0	0	1	3	0	0	0	5.21	—	—	—	
Warwick																																	
Birmingham	...	99	137	18.8	(9.5)	(14.1)	—	23.2	8	6.2	19	—	—	26	42	12	26	7	6	0	0	0	0	1	3	0	—	0	—	—	—	—	
King Edward School	...	21-9	163	18.7	10.8	14.7	+0.9	24.0	8	8.1	12	13.7	—	28	44	11	26	9	6	0	0	0	0	3	0	0	0	0	5.18	133	—	—	
Edgbaston	...	99	56	19.8	(9.0)	(14.4)	—	24.3	8	3.3	19	—	—	14	—	4	26	9	5	0	0	0	0	6	0	2	—	0	5.36	—	—	—	
Luddington	...	99	49	20.0	4.8	12.4	—	24.7	8	2.5	19	15.7	—	15	26	4	23	7	5	0	0	0	0	3	0	0	—	0	5.27	—	—	—	
Stratford	...	99	44	19.0	7.9	13.5	—	24.2	8	2.3	19	—	—	34	—	16	26	9	6	0	0	0	0	4	0	6	0	0	5.48	—	—	—	
Elmdon	...	21-9	96	19.0	7.9	13.5	—	24.2	8	2.3	19	—	—	34	—	16	26	9	6	0	0	0	0	4	0	6	0	0	5.68	—	—	—	
Shipston-on-Stour	...	99	111	19.2	9.2	14.2	—	23.4	8	4.9	18	14.3	—	13	22	5	26	7	5	0	0	0	0	5	0	4	—	0	5.27	—	—	—	
Wellesbourne	...	99	47	(19.5)	(8.4)	(13.9)	—	23.9	8	3.3	19	—	—	10	17	3	26	7	4	—	—	—	—	—	—	—	—	—	5.27	—	—	—	
Moreton Morrell	...	99	85	19.6	8.6	14.1	—	24.0	8	4.2	19	—	—	16	27	5	23	7	5	0	0	0	0	8	0	0	—	0	5.75	—	—	—	
Rugby	...	99	117	19.5	9.1	14.3	+0.7	23.4	8	3.9	19	14.8	15.6	24	43	8	27	5	4	0	0	1	0	2	—	0	0	0	—	—	—	—	
Oxford																																	
Brize Norton	...	21-9	84	19.6	9.3	14.5	—	24.5	8	3.4	18	—	—	15	—	5	26	6	4	0	0	0	0	3	0	2	—	0	—	—	—	—	
Oxford	¶	99	63	19.5	9.8	14.7	+0.3	23.6	8	5.9	19	16.1	16.0	13	24	5	25	4	3	0	0	0	0	2	0	0	—	0	5.55	126	—	—	
Shirburn Model Farm	...	99	108	19.8	8.8	14.3	—	24.0	8,22	3.9	19	15.3	—	10	—	5	26	4	3	0	0	0	0	2	0	3	—	0	—	—	—	—	
Buckingham																																	
Medmenham	...	99	30	20.0	(5.0)	(12.5)	—	23.6	8	-2.0	22	—	—	13	—	4	26,27	4	4	—	—	—	—	—	2	13	—	0	5.35	—	—	—	
Grendon Underwood	...	99	67	19.5	6.6	13.1	—	23.9	8	1.2	19	14.9	14.8	16	—	5	26	5	4	0	0	0	0	0	5	—	—	0	—	—	—	—	
Aylesbury	...	99	96	(20.1)	(8.4)	(13.1)	—	24.6	8	2.9	16	—	—	18	32	6	24	5	5	0	0	0	0	2	0	2	—	0	5.23	—	—	—	
Stafford																																	
Keele	...	99	179	17.6	9.7	13.7	—	22.3	8	4.6	28	14.1	13.7	24	36	7	3	9	6	0	0	0	0	5	0	0	—	0	5.50	—	—	—	
Oaken	...	99	125	18.8	8.7	13.7	—	23.9	8	3.9	12	14.9	—	22	—	6	23	7	6	—	—	—	—	8	0	0	—	—	—	—	—	—	
Stone	...	99	107	(18.3)	(8.5)	(13.4)	—	24.3	6	2.2	18	—	—	17	27	5	3	10	5	—	—	—	—	12	0	—	—	4.91	—	—	—	—	
Penkridge	...	99	101	18.6	—	—	—	23.7	8	3.5	12	—	—	20	35	6	26	10	7	—	—	—	—	1	0	0	—	—	—	—	—	—	
Shropshire																																	
Oswestry	...	99	174	18.1	10.0	14.1	—	22.2	8	7.1	27	—	—	33	48	14	3	8	4	0	0	0	0	1	3	0	0	—	0	5.58	—	—	—
Church Stretton	...	—	183	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Shrewsbury	...	99	56	18.9	8.6	13.7	0.0	23.2	8	3.3	18	15.8	16.2	25	48	8	3	8	7	0	—	0	0	1	6	0	0	—	0	5.36	132	—	—
Shawbury	...	21-9	72	19.0	8.4	13.7	+0.2	24.2	8	0.8	18	—	—	19	34	6	26	9	6	0	0	0	0	5	0	3	0	0	5.				

Table 3 Summary of daily observations

For meaning of symbols ¶ § \$ S used below see Notes in the Introduction.

September 1971

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 amount (mm)	date	precip'n		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 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date							0.2mm or more	1.0mm or more																
5 ENGLAND SE																																		
Greater London																																		
Kensington Palace ...	99	25	(20.3)	(8.8)	(14.5)	(-0.9)	23.2	8	4.8	18	16.2	16.2	18	35	13	26	5	4	0	0	0	0	0	1	0	0	0	0	—	—	—	—	—	—
Hampstead ...	99	137	19.4	10.6	15.0	+0.8	22.5	22	8.2	18	—	—	26	45	15	26	5	3	0	0	0	0	1	—	0	0	0	0	5.93	126	S	—	—	—
St James Park ...	99	4	20.3	11.4	15.9	+0.3	23.5	8	6.0	19	—	—	15	28	9	26	5	4	0	—	0	0	0	—	0	0	0	—	—	—	—	—	—	—
Regents Park ...	99	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
London W/Centre ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.60	127	—	—	—	—	
Greenwich ...	99	7	20.4	9.9	15.1	—	22.9	2	4.6	16	—	—	18	40	6	26	6	5	0	0	0	0	1	0	0	1	—	4.85	110	—	—	—	—	
Heathrow ...	21-9	25	20.7	10.3	15.5	+0.6	24.3	8	4.0	16	—	—	11	22	7	26	3	2	0	0	0	0	0	3	0	2	0	5.80	—	—	—	—	—	—
Hampton ...	99	12	20.3	10.3	15.3	—	24.1	8	5.6	18	—	—	17	36	11	26	4	3	0	0	0	0	0	3	0	0	—	5.61	—	—	—	—	—	—
Wealdstone ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.41	—	—	—	—	—	—
Southgate ...	99	67	20.2	9.9	15.1	—	25.0	9	5.6	16	15.7	—	34	63	16	27	5	3	0	0	0	0	1	0	0	1	—	5.94	—	—	—	—	—	—
Kew ⁷ ...	5 \$	21-9	19.7	7.8	13.7	—	22.8	8,22	1.7	18	15.0	14.9	15	29	11	26	4	3	0	0	0	0	0	1	0	7	0	5.88	124	—	—	—	—	—
Waddon ...	99	59	19.7	10.0	14.9	0.0	22.7	22	4.4	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Addington ...	99	144	19.8	9.2	14.5	-0.4	23.3	8,22	5.0	16,18	—	—	16	30	8	26	5	3	—	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—
Bromley ...	99	65	19.4	10.1	14.7	+0.4	23.3	22	6.7	16	—	—	14	24	7	26	4	3	—	—	—	—	0	0	—	—	—	—	—	—	—	—	—	—
Surrey																																		
Gatwick ...	21-9	59	20.4	6.6	13.5	-0.6	24.3	8	1.1	16	—	—	12	21	5	26	4	3	0	0	0	0	1	0	0	6	0	6.20	—	—	—	—	—	—
Wisley ...	99	35	20.2	8.2	14.2	-0.1	24.8	8	1.7	18	15.4	15.7	13	—	9	26	5	2	—	—	—	—	8	0	3	—	—	5.52	—	—	—	—	—	—
Mickleham ...	99	55	19.7	6.6	13.1	—	23.9	8	1.4	18	15.4	15.4	15	27	8	26	4	3	0	0	0	0	1	0	0	0	—	—	—	—	—	—	—	—
Kent																																		
Hadlow College ...	99	30	19.9	6.4	13.1	—	23.7	8	0.4	18	14.8	14.8	21	—	10	26	5	4	0	0	0	0	1	2	0	4	—	5.82	—	—	—	—	—	—
Gillingham ...	99	4	20.4	9.7	15.1	—	23.3	2	4.7	18	—	—	17	36	12	26	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peckham ...	21-9	29	19.9	6.7	13.3	—	23.2	8	1.4	18	—	—	7	—	3	26	4	3	0	0	0	0	0	6	0	6	0	6.12	—	—	—	—	—	—
Dungeness ...	21-9	3	18.6	10.9	14.7	-0.4	20.2	4,7	4.8	17	—	—	32	63	12	26	7	5	0	0	0	0	1	2	0	—	—	—	—	—	—	—	—	—
Whitstable ...	99	3	19.1	9.4	14.3	—	24.1	2	3.8	19	—	—	18	40	7	26	8	6	0	0	0	0	1	1	0	—	—	—	—	—	—	—	—	—
Folkestone ...	99	39	19.1	12.4	15.7	—	22.0	4	8.7	16	—	15.9	18	33	8	26	6	6	0	0	0	0	0	0	0	—	—	6.78	—	—	—	—	—	—
Elmstone ...	99	9	19.4	(8.2)	(13.8)	—	23.2	2	2.6	18	—	—	17	—	8	26	4	4	—	—	—	—	4	0	0	—	—	—	—	—	—	—	—	—
Herne Bay ...	99	31	18.9	9.9	14.4	—	23.3	2	5.8	18,19,20	—	—	18	—	7	26	7	5	0	0	0	0	1	2	0	—	—	5.88	—	—	—	—	—	—
Dover ...	99	6	18.9	11.5	15.2	-0.2	21.6	21	5.9	16	16.8	17.1	31	53	10	11	7	6	0	0	0	0	1	0	0	0	—	6.38	—	—	—	—	—	—
Manston ...	21-9	44	19.0	10.5	14.7	—	22.8	2	5.0	19	—	—	18	35	9	26	7	5	0	0	0	0	0	3	0	0	0	—	—	—	—	—	—	—
Margate ...	99	16	18.2	13.2	15.7	+0.1	21.8	2	9.6	16	15.9	16.1	21	—	11	26	6	5	0	0	0	0	0	2	0	0	—	6.55	119	—	—	—	—	—
Goudhurst ...	99	85	19.4	7.3	13.3	—	22.4	8	1.9	16	—	—	14	23	8	27	4	3	0	0	0	0	0	2	0	9	—	—	—	—	—	—	—	—
East Malling ...	99	37	20.1	7.5	13.8	-0.1	23.4	8	1.9	16	14.8	15.4	12	23	9	26	6	2	0	0	0	0	1	0	0	1	—	6.06	123	—	—	—	—	—
Throley ...	99	150	18.8	8.9	13.9	—	21.7	2	4.9	16	14.8	14.9	15	25	9	26	7	2	0	0	0	0	1	1	0	0	0	5.96	—	—	—	—	—	—
Faversham ...	99	48	19.1	8.3	13.7	—	22.4	2	3.2	16	15.5	15.7	11	—	5	26	8	3	0	0	0	0	1	1	0	0	0	5.87	—	—	—	—	—	—
Wye ...	99	56	19.1	8.7	13.9	-0.6	22.4	22	3.4	17	15.2	15.2	17	28	7	25	7	4	0	0	0	0	1	5	0	3	—	6.02	116	—	—	—	—	—
Sussex																																		
Thorney Island ...	21-9	3	20.0	9.9	14.9	—	23.1	8,21	5.3	17	—	—	2	4	2	26	2	1	0	0	0	0	0	0	0	0	0	7.28	—	—	—	—	—	—
Rogate ...	99	64	20.1	7.4	13.7	—	24.1	8	1.7	18	15.9	—	9	—	7	26	5	2	0	0	0	0	0	2	0	4	—	—	—	—	—	—	—	—
Bognor Regis ...	99	7	19.1	11.3	15.2	+0.3	21.1	8	7.2	17	—	16.3	6	11	4	26	3	2	0	0	0	0	1	0	0	0	0	7.41	139	—	—	—	—	—
Fernhurst ...	99	57	20.6	6.9	13.7	—	24.0	8	1.0	18	15.2	—	19	28	9	26	4	2	0	—	—	—	0	1	—	—	—	6.52	—	—	—	—	—	—
Littlehampton ...	99	5	19.2	10.4	14.8	-0.1	23.4	8	6.1	16	—	16.1	5	8	3	26	2	2	0	0	0	0</												

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

September 1971

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'n			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 1931-60 average	exposure	
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more															
5 ENGLAND SE — continued																																	
Wiltshire																																	
Lacock ...	99	49	(20.4)	(8.2)	(14.3)	—	24.9	8	1.1	18	—	—	12	20	6	25	3	2	—	0	—	—	—	—	0	0	1	—	—	—	—	—	
Lyneham ...	21-9	145	19.4	10.1	14.7	+1.0	24.1	8	6.0	28	—	—	23	39	8	26	5	5	0	0	0	0	0	1	3	0	1	0	0	6.41	—	—	
Larkhill ...	99	132	20.2	9.3	14.8	+1.2	24.3	8	5.1	18	—	—	11	20	5	15	4	4	0	0	0	0	0	1	0	1	0	0	—	—	—	—	
Boscombe Down ...	21-9	126	20.3	9.3	14.8	+1.0	24.3	8	4.9	12	—	—	8	13	3	27	4	4	0	0	0	0	0	0	0	0	0	0	0	6.80	—	—	
Upavon ...	21-9	176	19.9	10.2	15.1	—	24.6	8	6.8	28	—	—	8	13	5	26	6	2	0	0	0	0	0	0	1	0	1	0	0	—	—	—	
Porton ... ¶ § ±	99	111	20.3	8.3	14.3	+0.6	25.7	22	3.4	20	14.4	—	11	17	4	26	5	3	—	0	—	—	—	—	0	0	6	0	—	6.43	135	—	
7a ENGLAND NW																																	
Cumberland																																	
Sellafield ...	99	13	17.7	11.0	14.3	—	22.7	8	4.4	24	—	—	53	49	18	28	10	7	—	0	—	—	—	—	3	0	1	—	—	5.55	—	—	
Bromfield ...	99	20	17.8	8.4	13.1	—	23.5	8	0.8	24	—	—	38	—	10	2	11	9	0	0	0	0	0	2	0	1	—	—	—	—	—		
Carlisle ...	21-9	26	18.0	9.5	13.7	—	24.6	7	1.9	24	—	—	35	—	7	2	12	9	0	0	0	0	0	0	0	1	0	0	5.23	—	—		
Newton Rigg ¶ §	99	171	17.2	8.6	12.9	+0.8	22.2	6	1.8	24	14.4	—	25	31	5	14	14	7	—	0	—	—	—	(0)	0	1	—	—	—	4.88	130	—	
Westmorland																																	
Great Dun Fell ...	21-9	847	11.7	6.6	9.1	—	18.2	7	1.1	24	—	—	—	—	—	—	—	—	0	—	—	—	—	16	0	—	—	—	—	3.99	—	—	
Moor House ¶	99	556	14.1	6.3	10.2	—	19.8	7	-3.5	24	11.0	—	140	73	20	2	12	6	—	0	—	—	—	—	2	2	5	—	—	4.68	—	—	
Lancashire																																	
Squires Gate ...	21-9	10	18.5	9.3	13.9	0.0	24.7	8	2.3	28	—	—	27	33	7	26	10	6	0	0	0	0	0	0	1	0	1	0	0	5.16	116	—	
Aigburth ...	99	14	18.8	10.5	14.7	—	24.1	8	6.2	28	—	—	13	—	3	13	10	6	0	0	0	0	0	6	0	0	0	0	5.42	—	—	—	
Southport ...	99	5	18.4	9.2	13.8	—	23.2	6	2.2	28	14.4	13.7	25	31	7	2	10	7	—	0	—	—	—	8	0	0	—	—	—	5.47	—	—	
Cartmel ...	99	34	17.8	8.6	13.2	—	22.9	8	3.7	28	—	—	50	—	12	2	10	8	0	0	0	0	0	3	0	—	—	—	—	—	—		
Grizedale ...	99	91	17.5	7.8	12.7	—	22.8	8	1.7	24	14.1	—	86	—	29	2	14	11	0	0	0	0	0	3	—	—	—	—	—	—	S		
Speke ...	21-9	22	19.3	10.2	14.7	+0.8	23.7	8	4.9	28	—	—	15	21	4	14	9	6	0	0	0	0	0	7	0	0	0	0	5.26	—	—	—	
Kirkham ...	99	24	18.1	9.1	13.6	—	23.9	8	2.7	28	—	—	35	36	11	2	10	8	0	0	0	0	0	1	0	0	0	—	—	5.40	—	—	
Bailrigg ...	99	53	17.5	9.9	13.7	—	23.0	8	5.0	13	—	—	40	—	14	2	10	8	—	0	—	—	—	1	0	0	—	—	—	5.03	—	—	
Morecambe ...	99	7	18.0	11.3	14.7	+0.8	24.0	8	7.8	24	—	—	30	31	6	3	9	7	0	0	0	0	0	0	0	—	—	—	5.25	122	—		
Preston ...	99	33	18.3	9.5	13.9	—	24.1	8	3.2	28	—	—	48	49	16	29	8	7	0	0	0	0	0	8	0	0	—	—	—	—	—		
Bolton ...	99	107	18.0	9.3	13.7	—	23.6	8	6.1	12	14.0	13.9	33	—	8	26	9	9	—	0	—	—	—	2	0	0	—	—	—	5.19	—	—	
Stonyhurst ¶ §	99	115	(18.4)	9.1	(13.7)	(+0.7)	23.2	8	4.3	28	—	—	56	48	24	2	9	7	—	0	—	—	—	8	0	—	—	—	—	4.80	125	—	
Manchester W/Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.91	—	—	
Helmshore ...	99	260	16.9	9.6	13.3	—	21.8	8	6.2	5	13.4	—	40	29	13	26	9	9	—	0	—	—	—	5	0	0	—	—	—	5.12	—	S	
Burnley ...	99	200	(16.6)	(9.8)	(13.2)	—	(22.1)	8	(6.6)	28	13.7	13.3	27	—	9	2	8	6	0	0	0	0	0	0	0	0	—	—	—	—	—	—	
Nelson ... ¶	99	165	17.4	8.9	13.1	—	22.7	8	4.8	27	14.2	13.8	30	29	9	29	9	6	—	0	—	—	—	1	0	—	—	—	—	5.07	—	S	
Rochdale ...	99	110	18.2	8.8	13.5	—	23.3	8	3.6	28	—	—	28	29	10	26	9	6	0	0	0	0	0	3	0	2	—	—	—	4.76	—	S	
Cheshire																																	
West Kirby Park ...	99	8	19.6	10.6	15.1	—	23.8	8	5.8	28	—	—	18	25	7	26	10	7	—	0	—	—	—	—	0	0	—	—	—	5.61	—	—	
Ness Gardens ...	99	55	19.2	10.2	14.7	—	23.9	8	7.1	27	—	—	12	—	3	26	10	4	0	0	0	0	0	0	2	0	0	—	—	5.08	—	—	
Winnington ...	99	20	19.4	9.9	14.7	—	24.1	8	5.7	13	—	—	25	36	9	26	8	6	0	0	0	0	0	10	0	0	—	—	—	—	—	—	
Knutsford ...	99	65	19.3	9.3	14.3	—	24.0	8	4.3	28	15.2	15.2	29	39	14	26	7	6	—	0	—	—	—	—	0	0	—	—	—	—	—	—	
Ringway ... ¶ §	21-9	75	18.7	10.4	14.5	+1.0	24.4	8	3.7	28	—	—	21	31	10	26	7	5	0	0	0	0	0	3	0	0	0	0	5.25	136	—	—	
Macclesfield ...	99	152	17.9	10.3	14.1	+0.9	22.8	8	5.6	28	—	—	27	35	11	26	8	6	0	0	0	0	0	0	0	0	—	—	—	—	—	—	
7b NORTH WALES																																	
Flint																																	
Rhyl ... ¶ §	99	9	(19.1)	10.4	(14.7)	(+0.6)	23.9	8	6.1	13	—	—	22	33	7	26	10	8	0	0	0	0	0	0	0	0	0	—	—	6.34	146	—	
Prestatyn ...	99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.97	147	—	—	
Hawarden Bridge ...	99	5	19.4	9.1	14.3	+0.3	23.9	8	3.9	13, 19	—	—	13	22	2	28	9	7	0	0	0	0	0	4	0	—	—	—	—	—	—	—	
Anglesey																																	
Valley ... ¶ §	21-9	10	18.9	11.4	15.1	+0.9	25.6	9	6.8	5	—	—	35	44	9	2	9	8	0	0	0	0	0	1	0	0	0	0	6.09	132	—	—	
Denbigh																																	
Colwyn Bay ...	99	24	18.9	11.7	15.3	—	24.1	6	8.6	5	15.5	—	27	—	13	26	9	6	0	0	0	0	0	0	0	—	—	—	—	(6.32)	(145)	—	
Alwen ...	99	335	16.8	6.2	11.5	—	20.8	5	-0.6	13	—	—	39	—	17	26	9	9	—	—	—	—	—	—	1	6	—	—	—	—	—	—	
Ruthin ...	99	76	18.7	7.0	12.9	—	22.0	6	1.1	28	—	—	32	—	11	27	10	7	—	0	—	—	—	—	0	0	—	—	—	—	5.91	—	—
Loggerheads ¶	99	210	(17.8)	8.2	(13.0)	—	21.6	8	3.2	5	13.6	13.8	19	—	4	26	9	7	0	0	0	0	0	0	0	1	—	—	—	5.31	—	S	
Bwlchgwyn ...	99	386	16.1	9.4	12.7	—	20.3	16	4.9	27	12.2	—	27	29	9	3	10	6	0	0	0	0	0	2	0	4	—	—	—	—	—	—	
Wrexham ...	99	88	(19.1)	(9.2)	(14.1)	—	23.2	9	5.8	18	—	14.8	22	36	7	25	14	7	0	0	0	0	0	2	0	0	—	—	—	—	—	—	
Caernarvon																																	
Bardsey Island ...	21-9	18	17.5	13.1	15.3	—	20.5	6	10.6	27	—	—	23	—	10	26	9	6	—	0	—	—	—	3	0	0	0	—	—	—	—	—	
Botwnnog ¶	99	34	18.9	11.1	15.0	—	22.8	6	7.1	19	15.8	15.4	36	—	14	26	9	8	0	0	0	0	0	0	0	0	—	—	—	6.17	—	—	
Pen-y-Ffridd ...	99	84	19.8	10.8	15.3	—	25.4	7	6.8	19, 27	—	—	56	50	24	2	11	7	0	0	0	0	0	0	0	0	—	—	—	5.52	—	—	
Aber ...	99	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Merioneth																																	
Trawsfynydd ...	99	186	(18.4)	(10.2)	(14.3)	—	23.3	6	6.7	28	—	—	63	—	15	26	9	8	—	0	—	—	—	(0)	0	0	—	—	—	—	—	—	
Bala ...	99	163	18.6	7.3	12.9	—	22.6	22	1.8	18	15.6	15.7	49	—	25	26	11	8	0	0	0	0	0	6	0	0	0	—	—	5.17	—	—	
Corwen ...	99	144																															

Table 3 Summary of daily observations

For meaning of symbols § § § used below see Notes in the Introduction.

September 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more or more	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																	
8a SOUTH WALES — continued																																	
Carmarthen																																	
Carmarthen ...	99	15	19.8	9.5	14.7	—	23.8	9	1.9	18	15.7	15.5	36	—	17	26	8	6	0	0	0	0	0	0	0	0	0	0	0	0	5.85	—	—
Esgairwen-Uchaf ...	99	332	17.4	10.2	13.8	—	21.2	5,22	5.9	18	—	—	42	—	29	26	10	5	0	0	0	0	0	5	0	1	—	0	—	—	—	—	
Brynamman ...	21-9	183	19.2	11.2	15.2	—	23.7	22	6.5	18	—	—	45	—	19	26	9	4	0	—	0	—	0	(3)	0	0	—	0	—	—	—	—	
Radnor																																	
Cenarth Mill ...	21-9	282	17.9	6.2	12.1	—	21.2	8	-0.8	18	—	—	25	—	20	26	7	3	—	0	—	—	—	2	2	13	—	—	—	—	—	—	
Llandrindod Wells §	99	235	19.4	8.6	14.0	+1.5	24.3	5	1.3	19	14.8	—	30	38	15	26	4	4	0	0	0	0	2	0	—	—	0	5.20	137	S			
Brecknock																																	
Llwynon ...	99	242	18.3	9.1	13.7	—	22.0	8	3.3	18	—	—	41	—	24	26	9	6	0	0	0	0	6	0	—	—	0	5.44	—	S			
Glamorgan																																	
Mumbles ...	21-9	36	18.8	13.2	16.0	—	22.5	22	9.0	18	—	—	—	—	—	—	—	0	0	0	0	0	0	0	0	0	0	—	—	—	—		
Penmaen ...	99	82	18.7	12.3	15.5	—	21.7	8,9,22	7.4	28	16.2	16.4	26	—	9	26	9	7	0	0	0	0	1	0	0	—	0	6.28	—	—	—		
Swansea ...	99	8	19.6	13.1	16.3	+1.3	23.4	9	7.9	28	16.8	—	23	—	14	26	9	5	0	0	0	0	0	0	—	—	0	—	—	S			
Port Talbot ...	99	7	20.5	12.3	16.4	—	24.4	8	6.6	18	—	—	29	29	9	26	8	7	0	0	0	0	0	0	—	—	5.40	—	S				
Neath ...	99	62	19.3	12.4	15.9	—	23.2	8,9	7.8	18,28	—	—	27	24	14	26	9	5	0	0	0	0	0	0	—	—	—	—	—	—	—		
Rhosee ...	21-9	67	19.3	11.0	15.1	—	23.4	8	5.3	18	—	—	30	—	19	26	9	6	0	0	0	0	0	0	0	0	0	6.11	128	—	—		
Cardiff ...	99	62	19.8	11.5	15.7	+1.4	23.7	9	6.2	18	15.8	15.5	34	36	23	26	10	5	0	—	0	0	0	0	0	—	—	5.47	—	S			
Monmouth																																	
Tredegar ...	99	313	18.1	9.6	13.9	—	22.1	8	2.9	18	—	—	26	20	15	26	9	4	0	0	0	0	6	0	—	0	5.37	—	—	—	—		
Newport ...	99	23	19.9	10.3	15.1	+0.9	24.4	8	5.6	18	—	—	27	31	20	26	5	4	0	0	0	0	0	0	—	—	5.92	—	—	—	—		
Usk ...	99	21	(21.9)	7.9	(14.9)	—	26.1	8	-1.1	21	16.3	—	18	22	10	26	4	4	—	0	—	—	15	1	—	—	(4.76)	—	—	—	—		
Crumblant ...	99	245	18.3	10.1	14.2	—	21.7	8	6.4	18	14.7	14.6	22	26	11	26	5	4	—	0	—	—	4	0	1	—	—	6.66	—	—	—	—	
8b ENGLAND SW																																	
Somerset																																	
HawkrIDGE ...	99	314	17.6	9.6	13.6	—	20.6	9	3.1	18	—	—	32	25	16	26	11	6	0	0	0	0	2	0	1	—	0	6.19	—	—	—		
Nettlecombe ...	99	96	19.6	8.8	14.2	—	22.9	9	2.6	18	15.9	—	9	—	6	26	4	3	0	0	0	0	0	0	3	—	0	—	—	—	—		
Cannington ...	99	23	18.3	10.0	14.1	—	23.3	8	3.6	18	16.7	—	6	10	3	26	6	2	0	—	0	0	4	0	0	—	0	5.84	128	S			
Cricket Mainerbie																																	
Cheddar ...	99	76	(20.2)	(9.2)	(14.7)	—	23.2	8	3.3	18	—	—	5	—	2	26	6	3	—	—	—	—	(4)	0	0	—	—	—	—	—	—	—	
Yeovilton ...	21-9	18	20.5	8.9	14.7	—	23.9	8	1.5	19	—	—	8	—	2	15	5	4	0	0	0	0	5	0	0	0	—	—	—	—	—	—	
Rodney Stoke ...	99	40	(20.2)	10.2	(15.2)	—	23.4	8	5.0	13	16.2	15.6	18	—	10	26	6	5	—	0	—	—	4	0	0	—	—	—	—	—	—	—	
Long Ashton §	99	49	20.2	9.8	15.0	+0.9	24.7	8	4.2	18	16.3	—	21	25	13	26	8	3	0	0	0	0	2	0	—	0	6.43	144	—	—	—		
West Camel ...	99	27	20.7	8.0	14.3	—	24.2	5,8	1.1	19	—	—	10	—	4	25	8	4	0	0	0	0	2	0	2	—	—	—	—	—	—	—	
Wincanton ...	99	114	20.0	9.3	14.7	—	23.3	9	3.1	20	—	—	13	—	6	10	8	4	0	0	0	0	5	0	—	—	—	—	—	—	—	—	
Bath City Boys' School	99	118	19.7	10.7	15.2	—	23.7	8	6.6	20	15.8	—	11	17	4	26	5	4	0	0	0	0	2	0	—	—	—	—	—	—	—	—	
Dorset																																	
Portland Bill																																	
Coastguard ...	21-9	53	18.9	13.7	16.3	—	20.7	4	11.0	12	—	—	3	—	1	26	4	1	0	0	0	0	0	0	0	0	0	6.84	—	—	—	—	
Weymouth ...	99	23	(19.7)	10.9	(15.3)	—	22.3	21	6.7	17	—	—	7	—	4	24	4	3	0	0	0	0	0	0	—	—	0	6.81	—	—	—	—	
Winfrith ...	99	26	19.8	7.8	13.8	—	22.8	4	0.8	19	—	—	14	—	11	24	5	2	—	0	—	—	0	0	6	—	—	—	—	—	—	—	
Shaftesbury ...	99	207	19.1	9.9	14.5	+1.1	22.7	8	6.6	27	—	—	17	25	9	10	7	3	—	0	—	—	2	0	—	—	—	—	—	—	—	—	
Swanage ...	99	11	19.1	12.0	15.5	—	22.0	4	7.5	17	—	16.6	8	12	3	26	4	4	0	—	0	0	1	0	0	—	0	7.59	145	—	—	—	
Poole ...	99	8	20.1	9.4	14.7	—	23.6	21	4.9	17	16.1	16.7	8	12	4	10	4	2	0	0	0	0	1	0	0	—	0	6.89	136	—	—	—	
Devon																																	
Virginstow ...	99	168	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Hartland Point ...	21-9	91	18.2	13.2	15.7	—	22.6	8	8.9	18	—	—	19	24	8	26	6	5	0	0	0	0	1	2	0	0	0	6.61	139	—	—	—	
Mount Batten ...	21-9	27	19.3	12.1	15.7	+1.0	22.2	21, 22	6.6	28	—	—	13	17	4	26	9	4	0	0	0	0	1	1	0	0	0	6.43	126	—	—	—	
Plymouth Hoe §	99	36	19.3	12.7	16.0	+1.1	22.2	21, 22	7.0	28	16.5	16.5	11	13	4	26	7	4	0	0	0	0	1	0	0	—	0	5.94	117	—	—	—	
Tavistock ...	99	139	19.8	12.9	15.3	+1.4	23.2	22	5.1	17	—	14.6	14	13	3	24	7	6	0	0	0	0	0	0	3	—	0	—	—	—	—	—	
Chivenor ...	21-9	6	20.1	11.3	15.7	+0.6	24.3	8,9	6.0	18	—	—	25	33	13	26	9	5	0	0	0	0	1	0	0	0	6.00	—	—	—	—	—	
Ilfracombe ...	99	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Totnes ...																																	
Cheldon Barton ...	21-9	163	19.1	9.7	14.4	—	21.9	8	3.2	18	15.6	—	16	—	6	26	7	6	0	0	0	0	1	2	0	1	—	0	6.02	—	—	—	—
Slapton ...	99	32	19.4	11.2	15.3	—	21.7	14	5.4	18	—	—	12	15	5	26	4	3	0	0	0	0	1	0	0	—	0	—	—	—	—	—	—
Newton Abbot ...	99	83	—	11.1	—	—	—	—	5.1	17	—	—	10	14	3	11	6	3	0	0	0	0	1	0	0	—	0	6.58	135	—	—	—	—
Torbay (Torquay) ...	99	8	19.7	12.4	16.1	+1.2	21.7	5	6.8	18	—	19.1	8	12	4	11	5	3	0	0	0	0	0	0	0	—	0	7.20	138	—	—	—	—
Teignmouth §	99	6	19.7	11.8	15.7	+0.6	21.7	30	6.1	18	—	—	3	5	2	26	6	1	0	0	0	0	1	0	0	—	0	6.84	135	—	—	—	—
Starcross ...	99	9	20.1	10.5	15.3	—	22.3	30	4.3	18	16.1	—	4	6	1	26	5	2	0	0	0	0	4	0	0	—	0	6.58	—	—	—	—	—
Exmouth ...	99	59	19.6	11.5	15.5	+1.2	22.0	4	5.2	18	—	—	5	7	2	23	7	1	0	0	0	0	0	0	—	—	0	7.17	145	—	—	—	—
Exeter ...	21-9	32	20.6	10.0	15.3	—	22.9	21	3.1	18	—	—	5	8	3	23	2	2	0	0	0	0	1	0	1	0	0	6.01	—	—	—	—	—
Sidmouth ...	99	8	19.4	11.9	15.7	+1.1	21.6	6	7.2	18	—	—	3	4	1	23	3	1	—	0	—	—	—	0	0	—	—	6.38	131	S			
Cornwall																																	
Scilly ...	21-9	48	19.5	13.9	16.7	+1.5	21.1	10	11.7	18, 28	—	—	54	86	25	10	10	6	0	0	0	0	2	1	0	0	0	7.26	141	—	—	—	—
Penzance ...	99	19	19.8	12.4	16.1	+1.0	21.7	8, 21	6.7	18	—	—	45	57	20	11	10	6	0	0	0	0	2	0	—	—	0	6.98	134	—	—	—	—

Table 3 Summary of daily observations

For meaning of symbols ¶ § & S used below see Notes in the Introduction.

September 1971

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'n		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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more															
NORTHERN IRELAND — continued																																	
Londonderry — continued																																	
Garvagh Forest ...	99	88	17.9	8.1	13.0	—	21.9	6	-0.1	25	14.0	13.2	40	—	21	29	10	6	0	0	0	0	0	0	1	5	—	—	—	—	—	—	
Moneydig ¶	21-9	34	17.9	8.3	13.1	+0.6	21.4	6, 7	-0.4	25	15.0	—	47	50	23	29	10	6	0	0	0	0	0	3	1	5	1	0	—	—	—	—	
Traad Point ...	99	16	—	—	—	—	—	—	—	—	—	—	25	—	12	29	10	7	0	—	—	—	—	—	—	—	—	—	—	4.01	—	—	
Antrim																																	
Ballymoney ...	99	55	18.9	8.9	13.9	—	22.6	6, 9	0.9	25	—	—	40	—	17	29	11	10	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lisnafillan ...	99	38	17.7	7.8	12.7	—	22.0	7	0.3	25	—	—	46	—	13	25	9	7	0	0	0	0	0	2	0	2	—	—	—	4.67	—	—	
Aldergrove ¶ §	21-9	68	17.8	10.0	13.9	+1.2	21.8	6	1.8	24	14.5	13.6	46	55	15	29	13	7	0	0	0	0	0	2	0	2	0	0	5.06	141	—	—	
Greenmount ...	99	32	18.6	9.2	13.9	—	22.7	7	-0.3	25	15.4	—	41	—	11	29	9	6	0	0	0	0	0	—	1	2	—	—	—	—	—	—	
Altnahinch ...	99	226	16.1	9.4	12.7	—	20.6	6	2.1	25	—	—	64	—	17	25	17	12	0	0	0	0	0	1	0	2	—	—	4	4.51	—	—	
Parkmore Forest ...	99	235	15.8	8.7	12.3	—	20.2	6, 7	-0.5	25	13.2	—	64	43	16	29	16	10	0	0	0	0	0	3	1	2	—	—	1	—	—	—	
Black Mountain ...	21-9	295	15.7	8.8	12.3	—	19.0	6	3.3	24	—	—	56	—	17	29	10	10	0	0	0	0	0	6	0	—	—	—	—	—	—	—	
Lowtown ...	99	271	15.8	8.7	12.3	—	19.4	6	2.2	25	13.0	—	53	—	15	29	13	8	0	0	0	0	0	2	0	1	—	—	0	4.43	—	—	
Ballypatrick Forest	99	152	16.6	8.7	12.7	—	21.9	6	-0.1	25	—	—	54	46	20	25	15	11	0	0	0	0	0	0	1	2	—	—	0	3.92	—	—	
Belfast Malone ¶	99	35	18.2	9.4	13.8	—	21.1	16	0.8	25	14.9	—	37	—	11	29	12	8	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Newtownabbey ...	99	32	18.2	11.1	14.7	—	21.6	6	6.2	25	15.2	—	40	—	14	29	11	8	0	0	0	0	0	2	0	0	—	—	—	0	4.52	—	—
Woodburn North ...	99	217	16.2	8.3	12.3	—	19.3	16	1.2	25	—	—	54	51	17	29	12	8	0	0	0	0	0	6	0	2	—	—	—	—	—	—	
Larne ...	99	43	18.2	9.9	14.1	—	21.8	6	4.7	24	—	—	43	45	15	29	11	8	0	0	0	0	0	0	0	—	—	—	—	—	—	—	
Kilroot ...	99	22	17.7	9.6	13.7	—	21.1	6	3.8	24	—	—	36	—	15	29	9	8	0	0	0	0	0	0	0	—	—	—	—	—	—	—	
Ballylumford ...	99	24	17.4	10.7	14.1	—	21.2	18	7.2	24	—	—	38	—	15	29	9	7	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Down																																	
Hillsborough §	99	116	17.6	9.3	13.5	+1.2	21.1	6	2.0	25	14.1	13.3	41	54	14	25	12	8	0	0	0	0	0	1	0	2	—	—	0	4.81	133	—	
Kilkeel ...	21-9	18	16.7	10.3	13.5	+0.6	19.1	3	3.7	25	—	—	33	—	10	28	9	7	0	0	0	0	0	1	0	0	0	0	5.50	—	—	—	
Rosetta ...	99	24	18.3	9.9	14.1	—	21.1	16	1.7	25	—	—	36	—	10	25	10	8	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Murlough ...	99	9	17.7	8.8	13.3	—	19.9	15	-1.2	25	14.1	13.7	31	—	12	25	9	8	0	0	0	0	0	1	1	2	—	—	0	5.20	—	—	
Belfast Rosebank ...	99	47	18.2	10.1	14.1	—	21.4	6	3.2	25	—	—	39	—	10	25	10	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Stormont Castle ...	99	56	18.0	10.4	14.2	—	21.2	16	5.0	25	14.8	14.4	41	50	13	25	11	8	0	0	0	0	0	4	0	0	—	—	0	4.58	—	—	
Downpatrick ...	99	26	17.8	9.7	13.7	—	20.6	16	3.0	25	—	—	30	—	9	25	10	7	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Creightons Green ...	99	119	17.0	9.9	13.5	—	20.4	6	3.8	25	—	—	47	—	13	25	11	8	0	0	0	0	0	1	0	1	—	—	—	—	—	—	
Reagh Island ¹⁰ ...	99	12	17.9	10.3	14.1	—	20.2	13	4.2	25	—	—	39	—	11	25	12	8	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Helens Bay ...	99	43	18.0	10.6	14.3	—	21.1	16	5.9	25	—	—	35	—	12	29	10	8	0	0	0	0	0	1	0	0	—	—	—	0	4.91	—	—
Killough ...	21-9	15	16.2	10.4	13.3	—	18.3	1	3.5	25	—	—	38	—	12	28	12	9	0	0	0	0	0	1	0	0	0	—	—	—	—	—	
Ballywalter Park ...	—	11	—	—	—	—	—	—	—	—	—	—	40	52	10	29	10	10	—	—	—	—	—	—	—	—	—	—	—	—	4.81	—	—
Armagh																																	
Armagh ... ¶ §	99	62	18.8	8.9	13.9	+1.0	22.3	7	1.1	25	16.1	15.6	32	43	7	25	11	8	0	0	0	0	0	4	0	2	—	—	0	4.70	130	—	
Loughall ...	99	25	18.2	8.3	13.3	—	21.6	7	-0.1	25	—	—	25	37	7	29	12	8	0	0	0	0	0	3	1	4	—	—	0	5.00	—	—	
Tandragee ...	99	43	18.8	8.0	13.4	—	22.2	15, 16	-0.2	25	—	—	29	—	6	29	11	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bessbrook ...	—	76	—	—	—	—	—	—	—	—	—	—	27	30	7	28	11	7	—	—	—	—	—	—	—	—	—	—	—	—	4.79	129	—
Portadown ...	99	16	18.7	8.6	13.7	—	22.3	7	0.4	25	15.4	15.2	27	—	8	29	11	7	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lurgan ...	99	55	18.6	8.9	13.7	—	21.7	15	0.0	25	14.9	14.8	24	—	9	29	9	7	—	—	—	—	—	—	—	—	—	—	—	—	5.09	—	—
Tyrone																																	
Lough Bradan ...	99	169	17.3	7.9	12.6	—	22.0	7	0.4	25	—	—	72	—	26	29	14	10	—	—	—	—	—	—	—	—	—	—	—	—	4.92	—	—
Baronscourt Forest	99	88	18.1	8.6	13.3	—	23.0	6	0.0	25	—	—	43	—	14	26	12	8	0	0	0	0	0	3	0	5	—	—	—	—	—	—	
Strabane Convent	99	44	18.9	9.0	13.9	—	24.5	6	-0.5	25	—	—	42	—	14	29	8	8	0	0	0	0	0	0	1	2	—	—	4	4.58	—	—	
Carrigans ...	21-9	113	18.0	8.8	13.4	—	22.4	6	-0.3	24	—	—	42	—	10	26	11	8	0	0	0	0	0	5	1	2	0	0	—	—	—	—	
Lislap Forest ...	99	209	17.1	7.9	12.5	—	22.3	6	0.3	25	14.3	—	42	36	10	29	13	8	0	0	0	0	0	0	0	2	—	—	—	—	—	—	
Knockmany Forest	99	73	18.1	6.8	12.5	—	22.6	26	-0.6	24	—	—	39	42	11	29	9	7	0	0	0	0	0	5	2	3	—	—	—	—	—	—	
Pomeroy Forest ...	99	165	17.2	8.8	13.0	—	20.8	7	2.6	25	14.7	—	29	—	10	29	11	7	0	0	0	0	0	0	0	2	—	—	—	—	—	—	
Cookstown ...	99	77	17.7	8.5	13.1	—	21.3	6	1.7	25	14.1	—	30	35	10	29	9	7	0	—	—	—	—	—	—	—	—	—	—	3.86	—	—	
Fermanagh																																	
Roscor ...	99	143	17.6	9.1	13.3	—	22.7	6	2.0	25	—	—	50	43	11	29	15	8	0	0	0	0	0	0	0	3	—	—	—	—	—	—	
Lough Navar Forest	99	148	17.8	7.4	12.6	—	22.3	6	-1.8	25	—	—	53	—	11	26	14	9	0	0	0	0	0	0	1	3	—	—	—	—	—	—	
Castle Archdale ...	99	66	17.8	8.4	13.1	+0.2	22.2	6	-1.1	25	14.9	13.9	46	49	11	29	12	7	0	—	—	—	—	—	—	—	—	—	—	—	4.59	125	—
Forest ... ¶ §	99	49	18.3	8.3	13.3	—	22.8	6	-0.6	25	—	—	46	—	13	26	11	9	0	—	—	—	—	—	—	—	—	—	—	—	—	4.12	—
Lisnaskea ...	99	91	18.1	6.9	12.5	—	22.9	6	-0.8	24	—	—	41	—	11	29	10	7	0	0	0	0	0	5	2	3	—	—	—	—	—	—	—
Pubble Forest ...	99	91	18.1	6.9																													

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

September 1971

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)				
																																						34 or more	22-33	11-21	1-10	0
number of observations																																										
0 SCOTLAND N																																										
Lerwick [Zetland] ¹¹																																										
83	3	1018.3	-	9.4	0.9	10.7	90	5.5	3	3	5	7	12	0	0	0	1	0	1	0	0	11	3	9	5	0	3	11	14	2	5	0	1	1	6	5	8	2				
	9	1018.5	+8.2					5.8	1	3	5	15	6	0	0	0	0	0	0	2	5	6	8	8	0	1	18	10	1	4	2	2	0	8	6	7	0					
	15	1018.6	-	11.5				5.4	1	5	7	12	5	0	0	0	0	0	0	2	6	7	9	7	0	3	14	13	0	1	4	1	2	8	6	5	3					
	21	1019.5	-	9.5	0.7	11.0	91	5.8	2	5	2	9	8	4	0	2	1	1	0	2	8	4	7	5	0	3	9	13	5	4	0	1	0	7	4	7	2					
Kirkwall [Orkney]																																										
26	3	1018.9	-	10.4	0.8	11.4	90	5.9	2	2	5	9	11	1	0	0	1	0	0	0	7	5	14	3	0	3	14	13	0	0	0	3	6	8	5	5	3					
	9	1019.1	+8.4	12.0	1.1	12.2	86	6.2	0	5	2	12	11	0	0	0	1	1	0	0	5	8	7	8	0	3	20	5	2	1	1	3	4	13	4	1	1					
	15	1019.4	-	13.2	1.9	12.0	78	5.8	0	6	3	14	7	0	0	0	0	0	0	1	3	5	10	11	1	5	15	9	0	2	2	3	6	5	2	8	2					
	21	1020.2	-	10.6	0.8	11.5	90	5.6	1	6	4	6	13	0	0	0	0	0	0	0	3	10	12	5	0	3	16	11	0	1	1	3	7	6	5	6	1					
Wick [Caithness]																																										
37	3	1019.2	-	10.5	0.9	11.4	89	5.3	2	3	8	12	5	0	0	0	0	0	2	7	3	9	9	0	0	6	23	1	0	0	1	7	10	6	4	1						
	9	1019.3	+8.2	12.2	1.4	11.9	84	6.1	0	3	5	14	6	2	0	1	0	1	0	1	5	4	7	11	0	0	10	19	1	1	0	3	5	8	6	5	1					
	15	1019.7	-	13.5	2.1	12.0	77	6.1	0	2	6	18	3	1	0	0	1	0	0	1	2	8	8	10	0	1	8	21	0	0	1	4	7	5	3	5	5					
	21	1020.4	-	11.1	1.2	11.3	85	5.3	1	5	6	12	6	0	0	0	0	0	0	0	6	6	13	5	0	0	7	22	1	0	0	4	6	7	6	4	2					
Cape Wrath* [Sutherland]																																										
113	3	1017.9	-	11.9	1.2	12.2	86	4.8	2	7	7	8	5	1	0	0	0	1	0	0	0	6	7	16	0	2	6	18	4	0	1	6	2	3	12	2	0					
	9	1018.1	-	12.4	1.2	12.5	86	5.8	1	2	7	11	7	2	0	0	1	1	0	0	1	4	11	12	0	2	5	17	6	1	0	2	1	6	11	3	0					
	15	1018.5	-	13.2	1.3	13.2	86	5.6	0	4	9	11	6	0	0	0	0	0	0	0	4	2	15	9	0	1	9	19	1	0	2	5	2	1	14	3	2					
	21	1019.2	-	12.2	1.1	12.5	87	5.5	1	3	8	8	8	2	0	0	2	0	0	0	2	2	16	8	0	0	9	15	6	0	0	6	1	1	10	4	2					
Stornoway [Ross & Cromarty]																																										
5	3	1018.4	-	10.2	0.6	11.8	93	4.1	5	8	4	3	10	0	0	0	0	1	0	1	4	11	7	6	0	2	10	13	5	0	1	2	1	10	9	1	1					
	9	1019.0	+8.1	12.7	1.0	13.1	89	5.8	1	3	5	14	7	0	0	1	0	0	0	2	6	5	7	9	0	2	10	15	3	0	1	2	4	9	4	5	2					
	15	1019.5	-	14.5	2.0	13.0	79	5.2	2	4	7	9	8	0	0	0	0	0	0	1	3	7	12	7	0	2	13	14	1	1	3	2	6	8	3	6	0					
	21	1019.9	-	11.5	0.6	12.8	93	4.3	2	11	4	3	10	0	0	0	0	0	0	0	7	10	9	4	0	0	11	15	4	2	0	2	2	9	7	2	2					
Benbecula [Inverness-shire]																																										
7	3	1018.5	-	11.7	0.7	12.7	91	4.7	4	6	6	5	9	0	0	0	0	1	0	3	4	9	7	6	0	3	13	14	0	1	1	3	4	8	7	6	0					
	9	1019.2	+8.2	13.5	1.3	13.2	85	5.5	1	6	3	14	6	0	0	0	1	0	2	1	4	9	4	9	0	2	16	11	1	2	1	1	4	8	8	4	1					
	15	1019.6	-	14.9	2.0	13.3	79	4.8	2	8	5	6	9	0	0	0	0	0	0	1	7	5	8	9	0	1	19	8	2	1	2	0	6	6	7	6	0					
	21	1019.9	-	12.5	1.0	12.9	89	5.1	2	6	5	8	9	0	0	0	0	0	1	2	6	7	6	8	0	1	16	10	3	1	3	2	4	7	5	5	0					
1 SCOTLAND E																																										
Kinloss [Moray]																																										
6	3	1019.8	-	10.8	1.1	11.3	87	5.5	3	2	5	10	10	0	0	0	0	1	0	1	9	2	9	8	0	0	6	19	5	0	0	5	3	5	9	2	1					
	9	1020.0	+8.5	13.6	2.0	12.3	79	5.9	1	3	4	16	6	0	0	0	0	0	0	8	6	5	11	0	1	12	17	0	0	1	5	0	2	13	8	1						
	15	1020.0	-	16.5	3.3	12.7	68	5.9	0	3	5	17	5	0	0	0	0	0	0	0	4	7	7	12	0	2	15	13	0	3	5	2	4	1	6	8	1					
	21	1021.0	-	12.4	1.6	11.9	82	5.7	1	3	7	12	6	1	0	1	0	0	0	2	5	5	4	13	0	0	7	22	1	0	0	7	3	3	11	4	1					
Dyce [Aberdeenshire]																																										
59	3	1020.4	-	9.9	0.8	11.2	91	5.2	5	4	3	6	12	0	0	0	0	1	1	5	7	5	4	7	0	0	8	12	10	1	0	2	0	7	2	5	3					
	9	1020.7	+8.3	13.0	1.7	12.1	81	6.1	0	2	7	13	8	0	0	0	1	0	0	2	11	5	3	8	0	0	12	17	1	1	1	3	3	10	4	3	4					
	15	1020.4	-	15.5	2.7	12.7	72	6.0	0	4	3	20	3	0	0	0	0	0	0	1	4	10	5	10	0	1	17	12	0	1	0	5	4	9	6	0						
	21	1021.5	-	11.5	1.0	12.1	88	5.1	2	6	4	13	5	0	0	0	0	0	0	4	9	7	4	6	0	0	7	19	4	1	2	2	3	5	7	5	1					
Fraserburgh [Aberdeenshire]																																										
22	3	1020.3	-	11.6	0.9	12.2	89	5.7	1	5	4	8	12	0	0	0	0	0	1	10	10	9	0	0	2	11	15	2	0	0	1	0	14	1	9	3	0					
	9	1020.5	+8.6	13.0	1.3	12.8	84	5.5	0	5	6	12	7	0	0	0	0	0	0	6	8	16	0	0	1	10	17	2	3	0	4	0	11	0	8	2						
	15	1020.5	-	14.7	1.9	13.5	80	5.6	1	4	7	10	7	1	0	1	1	0	0	1	4	8	11	4	0	3	11	14	2	3	2	5	3	6	1	8	0					
	21	1021.3	-	12.6	1.0	13.0	88	5.1	1	5	9	8	7	0	0	0	0	0	0	0	8	11	11	0	0	2	8	18	2	1	0	3	4	9	4	6	1					
Usan [Angus]																																										
35	3	-	-	-	-	-	-	5.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	1021.4	-	13.1	0.7	13.9	92	5.5	1	5	4	9	11	0	0	0	0	0	1	1	6	7	4	10	0	1	5	19	5	2	2	4	2	1	9	4	1					
	15	1021.2	-	15.3	1.2	15.3	88	4.9	0	9	6	9	6	0	0	0	0	0	1	0	9	5	3	13	0	1	9	18	2	1	0	5	3	5	4	9	1					
	21	1022.0	-	12.5	0.5	13.7	94	4.6	2	10	2	7	9	0	0	0	0	0	0	2	7	4	5	12	0	0	5	22	3	2	1	5	2	1	6	10	0					
Leuchars [Fife]																																										
12	3	1020.7	-	10.6	0.7	11.8	91	4.7	2	9	5	5	8	1	0	2	0	0	0	1	6	9	9	3	0	0	5	23	2	2	3	2	0	2	8	11	0					
	9	1021.1	+8.3	13.4	1.3	13.0	84	5.2	1	8	2	14	5	0	0	0	1	0	2	8	8	7	4	0	1	8	20	1	0	3	3	2	1	11	9	0						
	15	1020.9	-	16.0	2.7	13.2	73	5.8	0	2	8	15	5	0	0	0	0	0	0	0	6	7	10	7	0	0	21	9	0	0	1	11	2	0	9	7	0					
	21	1021.7	-	12.3	1.0	12.7	88	5.0	1	7	5	11	6	0	0	0	1	0	3	5	8	8	5	0	0	6	21	3	2	3	4	2	0	10	6	0						
Turnhouse [Midlothian]																																										
44	3	1020.3	-	10.3	0.6	11.7	91	4.5	4	6	5	7	8	0	0	0	0	0	1	4	8	12	3	2	0	1	2	14	13	0	1	3	0	2	8	3	0					
	9	1021.4	+8.2	13.3	1.3	13.1	86	5.1	1	6	6	11	6	0	0	0	0	1	5	8	11	5	0	0	1	7	17	5	0	3	2	1	1	13	5	0						
	15	1021.0	-	16.7	3.1	13																																				

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

¹² Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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)			
																																						34 or more	22-33	11-21	1-10
number of observations																																									
3 ENGLAND E - continued																																									
Wattisham [Suffolk]																																									
91	3	1022.6	-	10.8	0.5	12.3	94	2.9	10	7	5	3	4	1	0	1	2	2	8	14	1	0	0	0	0	1	24	5	3	1	5	1	2	8	2	3					
	9	1023.3	-	14.6	1.9	13.3	80	4.6	2	6	8	10	4	0	0	0	0	2	6	12	6	4	0	0	0	5	24	1	5	4	5	3	1	3	6	2					
	15	1022.5	-	18.0	4.3	12.4	60	5.2	1	7	2	15	5	0	0	0	0	0	0	8	17	5	0	0	0	6	24	0	5	4	7	3	4	1	6	0					
	21	1023.3	-	13.0	1.4	12.7	84	2.9	10	7	5	6	2	0	0	0	0	2	3	18	6	1	0	0	0	2	28	0	2	6	8	3	4	3	3	1					
Aldeburgh [Suffolk]																																									
9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	1023.0	-	-	-	-	-	4.0	6	4	8	9	3	0	0	0	0	1	14	12	0	0	0	0	8	19	3	4	5	6	0	2	1	5	4						
	15	1022.4	-	-	-	-	-	4.4	5	5	5	9	6	0	0	0	1	0	11	18	0	0	0	0	10	20	0	1	6	7	3	3	7	1	2						
	21	1022.8	-	-	-	-	-	2.4	12	7	5	3	3	0	0	0	0	1	6	22	0	0	0	0	8	20	2	3	1	10	0	0	4	6	4						
Wytton [Huntingdonshire]																																									
43	3	1022.5	-	10.7	0.6	12.0	92	4.0	10	4	3	4	9	0	0	1	1	1	5	9	10	2	1	0	0	2	24	4	4	4	2	2	1	7	3	3					
	9	1023.3	-	13.5	1.4	13.1	85	5.2	2	7	3	9	7	2	0	1	3	0	2	5	16	2	1	0	0	4	24	2	1	5	7	0	1	8	4	2					
	15	1022.3	-	19.0	4.9	12.2	57	4.9	0	8	6	12	4	0	0	0	0	0	1	12	9	7	1	0	0	5	24	1	3	6	5	1	2	3	5	4					
	21	1023.2	-	13.4	1.7	12.4	80	3.5	6	10	4	3	7	0	0	0	0	1	5	17	6	1	0	0	0	1	25	4	1	3	9	2	1	5	3	2					
Cardington [Bedfordshire]																																									
29	3	1022.7	-	8.9	0.2	11.3	98	3.8	12	3	2	3	10	0	0	1	3	4	5	7	7	3	0	0	0	1	23	6	2	4	3	0	1	8	4	2					
	9	1023.5	+7.5	13.8	1.2	13.7	87	4.7	5	7	2	5	10	1	0	2	0	1	2	8	14	2	1	0	0	1	27	2	1	6	5	2	0	9	4	1					
	15	1022.4	-	19.2	4.7	12.8	59	5.3	1	6	6	11	6	0	0	0	0	0	1	14	6	8	0	0	0	4	26	1	4	5	5	1	2	6	5	1					
	21	1023.4	-	12.3	1.1	12.5	87	3.6	9	5	5	6	5	0	0	0	0	0	2	6	16	6	0	0	0	1	27	2	5	4	6	1	3	5	4	0					
Stansted [Essex]																																									
102	3	1022.4	-	10.3	0.4	12.0	95	3.0	11	7	3	3	5	1	0	1	0	1	1	10	10	7	0	0	0	0	21	9	3	1	5	0	2	6	3	1					
	9	1023.1	+6.8	14.6	1.6	13.7	83	4.6	4	6	5	10	4	1	0	0	1	0	4	4	9	8	4	0	0	0	4	21	5	2	4	4	3	3	5	1	3				
	15	1022.1	-	18.7	4.5	12.7	60	4.8	4	4	4	14	4	0	0	0	0	0	1	5	10	13	1	0	0	6	22	2	3	2	4	5	1	3	7	3					
	21	1023.1	-	13.1	1.4	12.7	83	3.0	11	5	5	5	4	0	0	0	0	0	6	14	9	1	0	0	0	0	29	1	1	4	10	1	3	4	4	2					
Shoeburyness [Essex]																																									
5	9	1023.1	+6.5	15.7	1.9	14.3	81	5.1	1	6	6	16	1	0	0	0	1	0	4	3	11	8	2	1	0	0	5	24	1	7	0	6	0	2	6	4	4				
	15	1022.3	-	18.1	3.1	14.5	70	4.7	2	9	2	13	4	0	0	0	0	0	1	2	9	10	5	3	0	0	7	23	0	0	2	11	4	3	4	4	2				
	21	1023.0	-	14.0	1.2	14.0	87	2.7	9	8	6	4	3	0	0	0	0	2	1	3	12	6	3	3	0	0	7	22	1	3	3	7	3	2	5	5	1				
Walton-on-Naze [Essex]																																									
8	3	1022.5	-	12.8	0.9	13.3	90	3.0	13	4	2	5	5	1	0	1	1	1	2	1	11	13	0	0	0	0	5	23	2	0	0	3	3	2	1	7	12				
	9	1023.5	-	15.8	2.0	14.2	79	4.7	5	1	10	9	5	0	0	0	1	1	0	5	12	11	0	0	0	0	8	14	8	1	3	7	0	1	2	5	3				
	15	1022.8	-	17.8	2.7	15.0	74	4.4	5	5	6	9	5	0	0	0	0	0	0	4	12	14	0	0	0	0	8	22	0	0	2	12	1	6	7	1	1				
	21	1023.2	-	14.9	1.5	14.3	84	2.7	11	7	5	2	5	0	0	0	0	1	0	3	13	12	0	1	0	0	7	18	5	2	2	9	1	1	5	3	2				
4 MIDLAND COUNTIES																																									
Huddersfield Oakes [Yorkshire W.R.]																																									
235	3	1022.3	-	10.0	0.8	11.0	88	6.6	4	0	0	6	19	1	0	3	2	5	1	7	5	5	2	0	0	0	4	15	11	4	1	1	0	0	3	4	6				
	9	1023.1	+8.1	13.3	1.4	12.9	84	5.4	4	3	3	9	11	0	0	1	0	8	1	2	11	5	2	0	0	0	3	17	10	2	2	3	1	0	1	8	3				
	15	1022.5	-	16.8	3.3	12.9	68	5.2	3	1	9	7	10	0	0	0	0	1	0	5	7	8	9	0	0	2	3	19	6	0	2	3	4	1	1	11	2				
	21	1023.2	-	12.3	1.1	12.5	87	4.8	6	3	4	8	9	0	0	0	0	1	2	5	12	4	6	0	0	0	3	13	14	2	0	2	0	1	4	6	1				
Watnall [Nottinghamshire]																																									
119	3	1022.6	-	10.5	0.4	12.1	95	4.0	10	4	2	3	11	0	0	0	0	4	7	9	8	2	0	0	0	0	2	22	6	3	6	1	1	3	4	5	1				
	9	1023.2	+7.5	13.2	0.9	13.6	89	5.4	0	8	3	7	10	2	1	1	1	5	10	9	1	1	0	0	0	4	21	5	0	7	4	1	1	9	3	4					
	15	1022.2	-	18.0	3.6	13.6	67	5.0	1	6	7	9	7	0	0	0	0	0	3	11	10	5	1	0	0	5	23	2	1	2	7	2	3	5	4	0					
	21	1023.3	-	12.8	1.1	12.9	87	3.9	8	4	7	4	7	0	0	0	0	0	7	10	10	3	0	0	0	0	1	27	2	3	7	3	1	1	3	8	2				
Finningley [Nottinghamshire]																																									
14	3	1022.3	-	10.7	0.5	12.2	94	4.4	9	3	2	6	9	1	1	0	0	2	6	4	8	5	3	1	0	0	0	22	8	7	1	3	0	5	5	0	1				
	9	1023.1	+8.0	14.3	1.5	13.7	84	4.9	4	5	4	9	7	1	0	1	0	2	1	11	7	6	2	0	0	0	3	22	5	3	2	3	3	3	6	3	2				
	15	1022.2	-	19.1	4.2	13.7	63	5.1	0	7	5	13	5	0	0	0	0	0	1	2	9	9	9	0	0	0	9	20	1	6	1	4	4	3	4	5	2				
	21	1023.1	-	13.3	1.1	13.3	87	4.3	5	7	2	10	6	0	0	0	0	0	3	5	17	3	2	0	0	0	1	23	6	1	3	5	3	3	1	5	3				
Wittering [Northamptonshire]																																									
67	3	1022.5	-	10.8	0.6	12.0	92	4.0	10	3	3	8	6	0	0	0	0	1	3	11	12	3	0	0	0	0	4	25	1	4	3	3	1	1	8	3	6				
	9	1023.2	+7.4	13.9	1.5	13.3	84	5.1	1	8	3	9	6	3	1	2	0	0	4	4	7	10	2	0	0	0	5	25	0	5	4	5	1	2	6	5	2				
	15	1022.1	-	18.8	4.5	12.8	60	4.6	3	6	7	11	3	0	0	0	0	1	1	8	12	6	2	0	0	0	9	21	0	1	5	6	1	2	5	5	5				
	21	1023.2	-	13.3	1.5	12.7	83	3.0	9	7	6	3	5	0	0	0	0	1	1	10	12	6	0	0	0	0	0	29	1	1	4	9	0	2	3	3	7				
Edgbaston [Warwickshire]																																									
165	9	1023.1	+7.2	13.2	1.2	13.0	86	5.2	3	4	5	9	8	1	0	0	3	0	5	7	12	2	1	0	0	0	1	20	9	1	3	5	2	3	4	0	3				
	15	1022.1	-	17.9	3.9	12.8	64	5.1	2	3	11	11	3	0	0	0	0	0	2	2	13	8	2	3	0	0	5	22	3	5	2	6	2	2	4	3	3				
	21	1023.1	-	14.3	1.9	13.0	80	3.6	8	7	4	4	6	0	0	0	0	0	4	19	3	2	1	0	0	1	23	6	4	1	9	0	2	4	1	3					
Elmdon [Warwickshire]																																									
100	3	1022.5	-	9.5	0.3	11.5	96	4.3	10	2	2	6	8	2	1	1	2	2	5	9	5	3	2	0	0																

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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
number of observations																																						
5 ENGLAND SE																																						
Heathrow [Greater London]																																						
26	3	1022.6	-	11.5	0.8	12.3	90	2.7	12	7	2	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	9	1023.4	+6.9	14.7	2.0	13.2	79	4.4	4	7	3	13	2	1	0	0	2	1	1	7	16	2	0	1	0	0	3	27	0	3	7	5	0	2	8	3		
	15	1022.3	-	19.8	5.2	12.6	55	4.6	1	9	5	12	3	0	0	0	0	0	0	1	9	16	3	1	0	0	6	23	1	2	4	8	0	4	5	2		
	21	1023.2	-	15.1	2.2	13.1	76	3.1	8	9	4	7	2	0	0	0	0	0	0	6	19	4	1	0	0	0	2	27	1	5	5	6	0	3	5	0		
Kew [Greater London]	13	3	1022.4	-	9.6	0.5	11.5	95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	10	9	1023.3	+6.7	14.9	2.2	13.4	80	4.3	5	7	2	12	4	0	0	1	0	0	5	2	16	3	3	0	0	1	19	10	0	5	5	0	1	6	1		
	15	1022.3	-	19.0	5.2	12.5	57	4.6	2	7	6	12	3	0	0	0	0	0	0	9	11	9	1	0	0	4	22	4	4	3	7	1	2	5	3			
	21	1023.1	-	12.8	1.4	12.6	85	2.6	8	12	2	7	1	0	0	2	0	0	7	1	11	9	0	0	0	0	1	20	9	1	1	8	0	4	2	4		
Gatwick [Surrey]	59	3	1022.8	-	8.3	0.1	11.0	98	3.1	13	2	5	5	2	3	0	4	6	7	3	4	3	3	0	0	0	0	12	18	0	3	1	1	0	5	1		
	9	1023.4	-	14.0	1.3	13.7	85	4.3	2	9	6	12	1	0	0	0	0	0	3	7	13	4	3	0	0	0	3	19	8	2	2	8	0	1	4	4		
	15	1022.5	-	19.4	4.3	13.8	62	4.6	0	8	7	14	1	0	0	0	0	0	0	1	10	11	7	1	0	0	7	23	0	2	3	11	1	0	7	3		
	21	1023.3	-	11.9	0.7	12.9	92	2.3	13	6	5	4	2	0	0	0	2	4	8	11	3	2	0	0	0	0	15	15	0	2	5	0	1	4	3			
Dungeness [Kent]	7	3	1022.5	-	12.5	0.9	13.2	90	1.6	18	6	2	1	2	1	0	0	0	3	0	1	10	7	8	1	0	0	6	24	0	1	0	9	0	0	2	7	
	9	1023.4	-	15.6	1.9	14.1	80	4.4	4	6	7	9	4	0	0	0	2	0	1	8	12	7	0	0	0	8	22	0	4	2	8	1	2	5	2			
	15	1022.8	-	18.0	3.3	14.2	69	4.1	6	6	5	8	5	0	0	0	0	0	0	1	4	13	10	2	0	1	16	13	0	1	2	12	1	2	7	3		
	21	1023.1	-	15.3	1.6	14.6	83	1.4	21	2	4	2	1	0	0	0	0	0	1	6	6	14	3	0	1	9	19	1	2	3	11	1	1	3	6			
Deal [Kent]	10	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Manston [Kent]	45	3	1022.5	-	12.0	0.9	12.7	90	2.5	12	7	5	3	3	0	1	1	0	1	1	4	4	9	9	0	0	0	3	25	2	4	1	7	2	5	4	3	
	9	1023.4	-	15.5	1.8	14.2	81	5.3	2	4	8	10	4	2	0	2	0	1	1	3	7	10	4	2	0	0	5	25	0	4	2	7	0	5	3	6		
	15	1022.7	-	18.2	3.5	14.0	67	3.9	2	11	5	9	3	0	0	0	0	0	0	2	8	8	7	5	0	0	10	19	1	4	7	7	1	4	4			
	21	1023.3	-	13.7	1.3	13.5	85	2.6	11	8	3	6	2	0	0	0	0	1	3	7	8	9	2	0	0	6	23	1	1	7	6	1	7	5	0			
Thorney Island [Sussex]	4	3	1022.4	-	12.0	1.0	12.5	88	2.1	16	6	2	2	4	0	0	0	0	2	0	5	9	11	3	0	0	0	2	26	2	6	10	2	0	0	3	4	
	9	1023.3	+6.5	15.7	2.1	13.9	78	3.9	3	9	7	9	2	0	0	0	0	0	1	2	10	8	7	2	0	0	4	23	3	3	6	7	0	0	2	7		
	15	1022.5	-	18.6	3.8	13.9	65	4.5	1	9	5	12	3	0	0	0	0	0	1	6	8	13	2	0	0	1	12	17	0	1	2	3	5	8	6			
	21	1023.2	-	13.6	1.3	13.5	86	2.0	14	8	2	4	2	0	0	0	0	1	2	4	8	8	7	0	0	0	3	22	5	4	7	5	0	0	3	5		
Eastbourne Coastguard [Sussex]	7	9	1023.0	+6.0	15.3	1.9	13.9	80	4.2	8	2	4	9	6	1	0	0	0	1	3	6	11	7	2	0	0	8	20	2	11	0	7	0	3	2	4		
	15	1022.5	-	18.9	3.8	14.3	65	4.4	6	2	9	9	4	0	0	0	0	0	4	8	14	4	0	0	2	11	17	0	0	1	8	4	5	3	7			
	21	1022.7	-	13.9	1.3	13.7	85	1.8	20	1	3	4	2	0	0	0	0	0	1	4	11	14	0	0	0	0	5	17	8	8	1	4	0	1	1	6		
	71	3	1022.6	-	10.6	0.7	11.8	92	2.8	14	2	7	3	4	0	0	1	2	2	3	7	8	5	2	0	0	0	24	6	6	2	6	0	2	4	4		
Abingdon [Berkshire]	9	1023.3	+6.9	14.1	1.6	13.3	83	4.4	3	8	4	9	6	0	0	0	0	2	1	8	13	6	0	0	0	1	29	0	3	3	8	2	5	3	3			
	15	1022.2	-	18.9	4.4	13.1	62	4.5	1	11	3	8	7	0	0	0	0	0	4	9	11	6	0	0	0	3	27	0	3	4	8	3	1	5	3			
	21	1023.2	-	13.6	1.5	13.0	83	3.0	8	9	7	2	4	0	0	0	0	2	4	13	10	1	0	0	0	0	27	3	3	5	7	1	4	3	3			
	14	3	1022.4	-	9.6	0.5	11.3	93	1.9	18	4	2	3	2	1	0	1	1	2	1	9	7	7	2	0	0	0	13	17	2	1	2	0	1	4	1		
Hurn [Hampshire]	9	1023.2	+6.6	14.9	1.7	13.8	81	4.1	7	4	6	9	3	1	0	0	0	1	0	8	11	7	3	0	0	0	2	23	5	5	4	6	1	1	4	3		
	15	1022.5	-	19.1	4.3	13.4	62	4.4	2	8	7	8	5	0	0	0	0	0	3	7	17	3	0	0	0	8	22	0	1	0	6	5	7	8	0			
	21	1023.1	-	12.7	1.2	12.8	87	2.4	17	3	1	6	3	0	0	0	0	1	7	11	9	2	0	0	0	0	15	15	0	4	4	0	0	3	4			
	70	3	1022.7	-	9.6	0.5	11.4	94	2.7	15	4	2	3	5	1	0	2	0	3	3	4	12	5	1	0	0	1	13	16	0	0	5	0	1	3	4		
South Farnborough [Hampshire]	9	1023.4	+6.7	14.2	1.7	13.3	82	4.3	4	8	3	12	2	1	0	0	1	0	1	6	9	8	3	2	0	0	1	27	2	1	4	9	1	2	4	5		
	15	1022.2	-	19.4	4.6	13.2	59	4.7	0	11	2	13	4	0	0	0	0	0	0	8	7	11	4	0	0	4	26	0	3	2	11	1	3	4	2			
	149	3	1022.5	-	11.2	0.6	12.3	92	3.5	10	6	4	3	6	1	0	1	1	2	2	5	13	4	1	1	0	0	1	25	4	3	5	3	3	4	7	1	
	9	1023.1	+6.6	13.5	1.1	13.6	87	4.7	3	8	2	11	5	1	0	0	1	2	2	6	12	7	0	0	0	5	23	2	1	8	5	1	3	7	2			
Boscombe Down [Wiltshire]	15	1022.0	-	18.6	3.8	13.8	66	4.5	0	10	5	12	3	0	0	0	0	1	0	2	8	12	7	0	0	0	8	21	1	0	6	3	2	5	4	4		
	21	1023.1	-	14.0	1.6	13.1	82	4.1	4	9	4	8	5	0	0	0	0	0	1	3	16	6	4	0	0	0	3	25	2	0	4	8	2	7	3	3		

Table 4 Summary of observations at fixed hours

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For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the introduction.

Detailed explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.																																									
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)			
																																						34 or more	22-33	11-21	1-10
number of observations																																									
8a SOUTH WALES																																									
Aberporth [Cardiganshire]																																									
134	3	1021.4	-	12.8	0.9	13.2	89	4.4	6	6	3	4	10	1	1	0	0	0	0	3	2	14	8	2	0	0	0	8	19	3	1	2	3	4	9	1					
	9	1022.1	+7.0	14.7	1.4	14.2	85	4.6	3	7	5	9	5	1	0	0	0	0	3	2	11	12	0	0	0	0	7	19	4	2	1	4	7	7	2						
	15	1021.9	-	17.1	2.8	14.1	74	4.8	4	2	9	11	4	0	0	0	0	0	1	0	7	17	2	3	0	0	8	20	2	5	1	0	7	3	5						
	21	1022.4	-	13.9	1.2	13.7	86	3.4	3	13	5	3	6	0	0	0	0	0	3	4	8	9	4	2	0	0	5	19	6	3	2	5	3	6	3						
Milford Haven Conservancy Board [Pembrokeshire]																																									
39	3	1021.7	-	13.9	1.1	14.1	88	3.0	16	2	1	3	8	0	0	0	0	0	1	0	22	3	4	0	0	0	6	18	6	3	4	6	2	1	4						
	9	1022.3	+6.6	15.0	1.1	15.1	88	4.8	5	4	6	5	6	4	0	2	0	2	0	2	19	5	0	0	0	0	9	13	8	1	1	4	9	2							
	15	1022.4	-	14.9	1.3	14.6	86	3.1	12	3	6	5	4	0	0	0	0	0	2	18	8	2	0	0	0	5	21	4	4	5	4	3	1	3							
	21	1022.4	-	14.9	1.3	14.6	86	3.1	12	3	6	5	4	0	0	0	0	0	2	18	8	2	0	0	0	5	21	4	4	5	4	3	1	3							
Brynamman [Carmarthenshire]																																									
-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
Mumbles [Glamorgan]																																									
37	3	1021.7	-	14.5	1.5	13.9	84	4.2	10	2	4	4	9	1	0	0	0	1	0	1	10	8	9	1	0	1	11	17	1	7	3	9	0	0							
	9	1022.5	-	16.0	1.9	14.6	80	4.6	6	5	3	6	10	0	0	0	0	2	5	18	3	2	0	0	1	12	13	4	2	5	9	1	3								
	15	1022.1	-	18.0	2.7	15.2	74	4.5	4	4	9	7	6	0	0	0	0	2	0	18	4	6	0	0	0	12	16	2	0	0	7	1	3								
	21	1022.4	-	15.5	1.6	14.7	83	3.7	9	6	2	8	5	0	0	0	0	0	2	11	10	5	2	0	1	8	20	1	6	3	5	0	3								
Rhoose [Glamorgan]																																									
69	3	1022.0	-	12.1	0.7	12.9	91	3.4	13	2	3	3	9	0	0	0	0	2	0	6	11	10	1	0	0	1	6	18	5	0	10	4	1	1							
	9	1022.9	+6.5	14.6	1.3	14.2	85	4.8	3	7	4	8	8	0	0	0	0	2	11	11	5	1	0	0	0	11	15	4	0	9	5	2	2								
	15	1022.1	-	18.2	3.5	14.0	68	4.2	1	12	5	8	4	0	0	0	0	1	3	9	12	1	4	0	0	16	14	0	0	5	6	5	2	2							
	21	1022.7	-	13.7	1.1	13.8	87	3.3	11	5	3	6	5	0	0	0	0	1	5	11	11	2	0	0	0	4	20	6	1	5	5	0	1	2							
8b ENGLAND SW																																									
Yeovilton [Somerset]																																									
23	3	1022.5	-	10.6	0.8	11.8	91	4.2	10	4	2	2	6	6	4	2	1	2	2	6	9	4	0	0	0	1	7	22	0	1	2	0	3	2							
	9	1023.1	-	13.8	1.4	13.4	85	5.0	4	3	5	10	4	4	0	3	0	2	3	9	6	7	0	0	0	5	11	14	0	2	4	1	3	4							
	15	1022.4	-	19.6	4.4	13.7	61	4.6	2	5	10	7	6	0	0	0	0	0	4	13	9	4	0	0	0	11	18	1	4	1	4	6	5								
	21	1023.0	-	13.7	1.5	13.2	84	3.3	10	6	4	5	5	0	0	0	0	0	3	9	13	5	0	0	0	0	3	11	16	0	0	3	1	5							
Portland Bill [Dorset]																																									
54	3	1022.0	-	14.6	0.9	14.9	89	2.2	16	5	3	2	4	0	0	0	0	1	1	16	8	4	0	0	1	14	12	3	2	5	9	1	1								
	9	1023.0	-	16.4	1.9	15.0	81	4.7	4	5	4	12	5	0	0	0	0	1	8	7	9	5	0	0	1	13	16	0	2	3	11	2	0								
	15	1022.5	-	17.8	2.4	15.6	77	4.1	6	5	7	9	3	0	0	0	0	2	3	13	7	5	0	0	4	13	13	0	0	0	9	6	1								
	21	1022.9	-	15.3	1.2	15.3	88	2.2	15	5	4	4	2	0	0	0	0	2	0	14	9	5	0	0	0	12	15	3	2	0	8	4	2								
Hartland Point [Devon]																																									
93	3	1021.5	-	14.3	1.0	14.6	89	4.0	8	4	5	7	5	1	0	0	0	1	0	1	4	16	8	0	0	3	10	14	3	1	4	7	1	4							
	9	1022.1	-	15.3	1.4	14.9	86	4.7	3	6	4	12	4	1	0	0	0	2	0	1	10	12	4	1	0	1	15	10	4	1	5	6	3	2							
	15	1021.7	-	17.5	2.3	15.5	78	4.3	3	4	12	9	2	0	0	0	0	0	1	9	12	6	2	0	2	11	14	3	2	4	2	4	1	11							
	21	1022.1	-	15.1	1.5	14.5	84	3.6	3	10	8	7	2	0	0	0	0	0	0	7	17	6	0	0	2	11	14	3	2	7	7	0	3								
Mount Batten [Devon]																																									
30	3	1021.9	-	12.7	0.6	13.8	93	3.7	11	3	4	4	7	1	0	0	1	0	1	3	11	13	1	0	0	3	17	10	1	1	11	0	0								
	9	1022.6	+5.9	15.6	1.3	15.2	86	5.1	0	8	6	7	8	1	0	1	0	1	5	13	8	2	0	0	0	7	16	7	1	1	12	0	3								
	15	1022.2	-	18.2	3.0	14.9	72	4.3	2	7	9	8	4	0	0	0	0	2	2	9	10	8	1	0	0	9	21	0	0	11	1	3	10								
	21	1022.8	-	14.4	1.1	14.4	88	3.2	7	10	4	4	5	0	0	0	0	0	1	2	12	10	4	1	0	5	19	6	2	4	9	1	0								
Chivenor [Devon]																																									
7	3	1021.8	-	12.5	0.9	13.1	89	4.3	8	4	4	4	8	2	0	1	1	0	1	4	11	8	4	1	0	1	26	2	0	0	18	4	2								
	9	1022.5	+6.3	14.7	1.4	14.2	85	5.0	3	5	5	10	6	1	0	0	0	1	6	10	6	6	0	0	0	7	18	5	0	0	11	8	2								
	15	1022.0	-	19.4	4.1	14.3	65	4.5	2	6	8	12	2	0	0	0	0	0	2	6	7	11	4	0	0	11	17	2	4	1	3	7	0								
	21	1022.7	-	14.6	1.3	14.3	86	4.2	4	6	8	8	4	0	0	0	0	0	2	9	13	6	0	0	0	2	18	10	0	0	12	1	1								
Exeter [Devon]																																									
38	3	1022.3	-	11.4	0.7	12.6	93	4.0	10	4	2	5	8	1	0	1	2	2	3	4	9	7	0	2	0	0	1	17	12	3	5	3	2	4							
	9	1022.9	+6.4	14.6	1.3	14.4	87	4.9	1	9	3	11	6	0	0	0	1	0	2	5	11	5	3	3	0	6	20	4	5	3	4	0	5								
	15	1022.2	-	19.7	4.2	14.3	62	4.3	1	10	5	12	2	0	0	0	0	0	2	7	3	13	5	0	1	11	18	0	2	3	5	6	8								
	21	1023.0	-	13.4	1.0	13.6	88	3.4	9	7	3	7	4	0	0	0	0	1	3	9	8	5	4	0	0	1	19	10	0	6	3	1	4	1							
Scilly [Cornwall]																																									
61	3	1021.6	-	15.1	0.9	15.5	90	3.1	13	3	4	4	6	0	0	0	0	2	1	10	5	9	3	0	0	7	18	5	2	4	6	3	1								
	9	1022.2	+5.9	16.2	1.1	16.3	89	4.3	4	5	8	8	4	1	0	1	0	0	3	12	4	7	2	0	0	8	16	6	2	4	8	2	1								
	15	1022.2	-	17.6	2.2	15.9	79	3.4	4	10	6	7	3	0	0	0	0	1	1	9	5	10	4	0	0	10	16	4	1	5	7	2	2								
	21	1022.6	-	14.9	0.8	15.4	91	2.9	8	10	4	4	4	0	0	0	0	0	2	9	8	10	1	0	0	6	19	5	2	6	5	3	1								
St Mawgan [Cornwall]																																									
107	3	1021.7	-	13.3	0.8	13.9	90	4.0	10	3	4	4	6	3	0	3	0	1	1	2	7	12	4	0	0	1	7	18	4	2	0	8	7	5							
	9	1022.3	+6.2	15.7	1.4	15.3	86	4.8	1	8	5	10	6	0	0	0	0	1	5	16	5	2	1	0	0	9	20	1	1	1	9	7	2								
	15	1022.0	-	18.3	3.6	13.9	67	4.6	1	7	8	12	2	0	0	0	0	0	2	7	9	11	1	0	0	15	15	0	5	1	2	7	2								
	21	1022.6	-	14.3	1.2	14.1	87																																		

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

September 1971

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

Table 6 Summary of autographic records of wind

September 1971

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

OCTOBER**1971**

VOLUME 88

NUMBER 10

Met 03a
24/5/72

Mainly warm with dry and sunny spells; a stormy third week

During the first week pressure was relatively high over the south and east of the British Isles but troughs of low pressure affected other areas at times. From the 8th to 23rd generally low pressure prevailed although an anticyclone drifted across all areas on the 14th and a ridge of high pressure affected the extreme south from the 21st. The remainder of the month was mainly anti-cyclonic in character, except in the north on the last 3 days.

Weather

During much of the first fortnight and again in the last week or so the weather was generally dry and sunny with morning fog in places. However, snow or sleet (rain or drizzle and snow) occurred in Scotland towards the end of the second week and snow settled briefly in the West Country on the unusually early date of the 13th. The third week, in contrast to the rest of the month, was often stormy with gales and heavy rain at times. During this period swollen rivers caused local flooding but the rain relieved to some extent water shortages in Scotland, Northern Ireland and northern England.

Wind

The number of days on which gales were reported was above average in north Scotland; gales occurred on 21 days at Cairngorm (Inverness-shire), height 1090 metres. On the 15th gales in the northern half of the country, with a gust of 70 kt at Benbecula (Hebrides), heralded a general windy spell which lasted until the 22nd. By the 19th strong winds had made seas around all coasts very rough and many small craft were damaged; the crew of a drilling rig in the North Sea off Scotland was temporarily evacuated because of the hazardous conditions. On the 22nd gusts in excess of 50 kt occurred in many parts of Scotland and northern England; at Cairngorm a gust of 93 kt was recorded during a period when the mean wind speed was about 60 kt.

Temperature

Monthly mean temperature was above average everywhere; the excess was small in a few areas but it reached 1–2 degC in most districts. Over England and Wales as a whole this was the seventh successive October with mean temperature above average. This month began very warm, with a temperature of 25.0°C at Bala (Merioneth) and Swyddffynnon (Cardiganshire) on the 2nd, and day-time temperatures remained generally above average until the 12th. However, there were some cold nights in southern England towards the end of the first week with air frost in a few places. Cold weather spread southwards

on the 11th and 12th, and on the morning of the 14th the air temperature fell to –8.3°C at Grantown-on-Spey (Moray) and Crawfordjohn (Lanarkshire). Warmer weather returned to all districts around the 17th and during the remainder of the month temperatures were average or above by day although, at times during the last week, night frost occurred widely in Scotland and locally in England.

Rainfall

It was drier than average over most of the United Kingdom and some parts of the east and south had less than half the average rainfall. On the other hand rainfall reached 150 per cent of average in a few areas in north Scotland. Only small amounts of rain fell during the first 10 days, especially in England and Wales, and generally dry weather returned to the south on the 20th and to the north on the 25th. Many places in southern England had no measurable rainfall until the 13th or after the 19th. The first appreciable rainfall of the month occurred in Scotland, Northern Ireland and northern England on the 9th and 10th; a 'daily' rainfall total on the 9th (that is in the 24 hours beginning at 09 GMT) of 97.0 mm was recorded at Glenfinnan (Inverness-shire) and on the 10th a 'daily' rainfall of 96.7 mm occurred at Cononish (Perthshire). During the period 15th to 24th most areas had heavy rain at times, notably from the 17th to 19th when rain was accompanied by thunder in north Wales and northern England. Many 'daily' rainfalls recorded in north Wales and north-west England on the 18th were between 80 and 90 mm while 112.0 mm occurred at Cowlyd, near Dolgarrog (Caernarvonshire). The same 24-hour period was the wettest October 'day' recorded in

the Manchester area since records began in 1877. Heavy rain in northern districts on the 21st and 22nd resulted in many falls of 100 to 120 mm in north and west Scotland. Exceptional among heavy 'daily' rainfall totals on the 21st were 162.0 mm at Dalness (Argyll) and 158.2 mm at Cassley power station (Caithness). Further heavy rain in north Scotland on the 30th contributed to a 'daily' fall of 82.2 mm at Kinlochourn (Inverness-shire).

Sunshine

Sunshine amounts in all areas exceeded the average and some places were very sunny. The total of 139.3 hours of sunshine recorded at Sheffield (West Riding of Yorkshire) is the highest there in October since records began in 1898. Ross-on-Wye (Herefordshire) had its sunniest October since 1921, and London Weather Centre and Braemar (Aberdeenshire) had their highest October sunshine total since records began in 1929 and 1933 respectively.

Fog

Overnight fog occurred frequently during the first 10 days and again in the last week, mostly in England and Wales. South and east England were the areas most prone to fog but occasionally it was more widespread and it also occurred in central and southern Scotland at times. Although fog was sometimes dense in places, it usually cleared during the morning but throughout the 2nd and 3rd sea fog affected parts of the south-east coast of England.

Miscellaneous phenomena

The aurora was seen by observers in Scotland on 10 nights.

Table 1 District Values

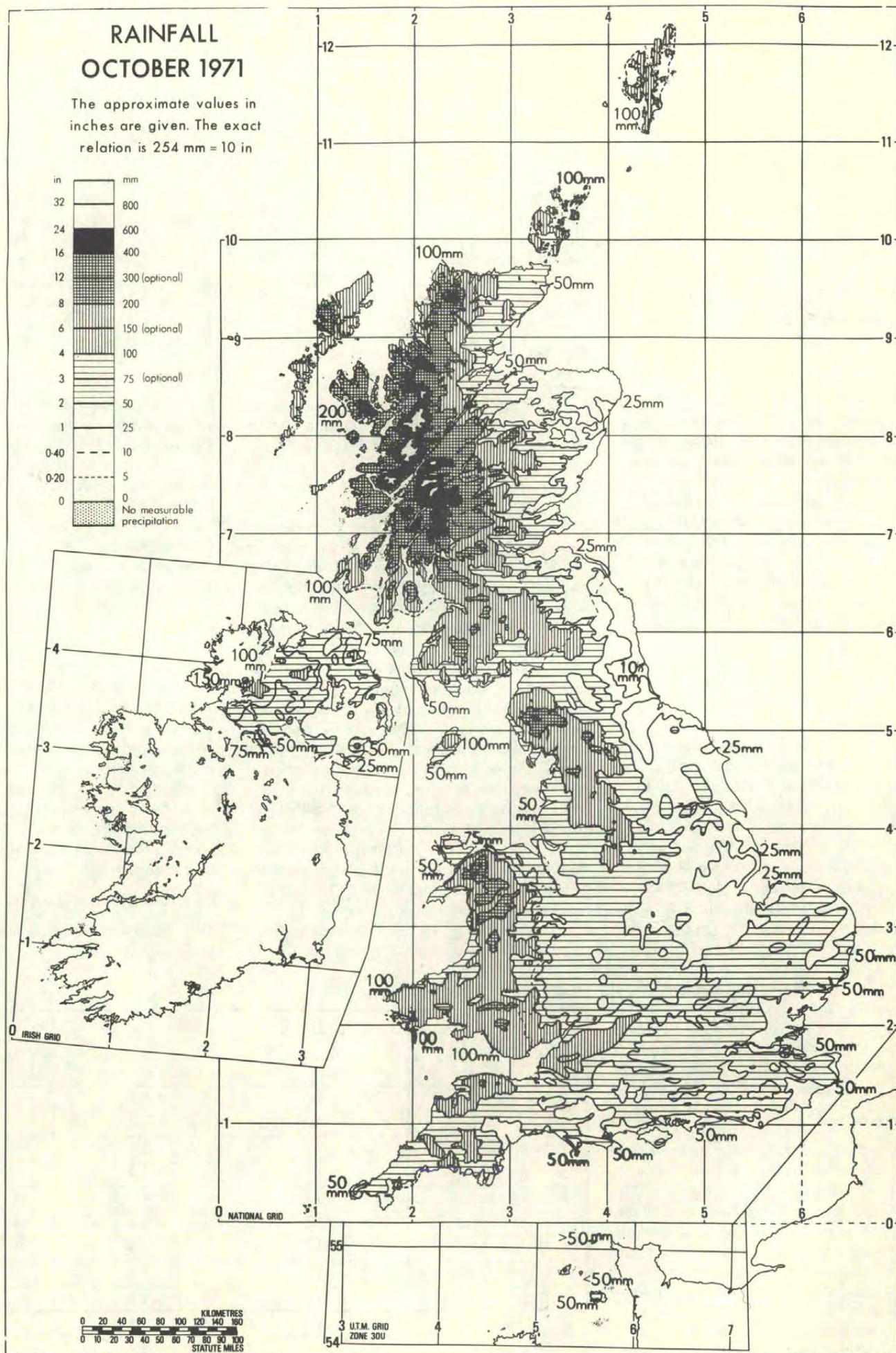
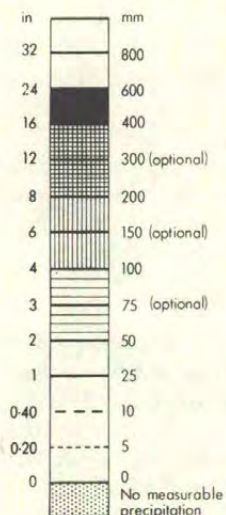
October 1971

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. *	Lowest Min. *	max.	min.	mean				
			difference from average						
0 Scotland N	20.5	−3.5	+1.3	+0.2	+0.8	—	−2	115	131
1 Scotland E	20.6	−2.0	+1.6	+0.7	+1.2	+1.1	−4	64	122
2 England N E	22.2	−3.3	+1.7	+1.1	+1.4	+1.5	−7	53	128
3 England E	23.0	−5.0	+1.8	+0.8	+1.3	+0.7	−5	95	133
4 Midlands	23.1	−0.9	+1.6	+0.9	+1.2	+1.1	−6	90	144
5 England S E	22.9	−1.7	+1.7	+0.9	+1.3	+0.7	−8	78	138
6 Scotland W	19.3	−4.8	+1.3	+1.2	+1.3	+1.3	−1	105	119
7 Eng NW - Wales N	22.2	−3.1	+1.6	+1.4	+1.5	+1.6	−6	78	129
8 Eng SW - Wales S	22.8	−0.8	+1.6	+0.7	+1.1	+1.4	−6	69	130
N Ireland	20.9	−4.3	+1.6	+1.4	+1.5	—	−4	53	112
Scotland	20.6	−4.8	+1.4	+0.7	+1.1	—	−2	94	124
Eng - Wales	23.1	−5.0	+1.7	+1.0	+1.3	—	−6	77	134

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

RAINFALL OCTOBER 1971

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



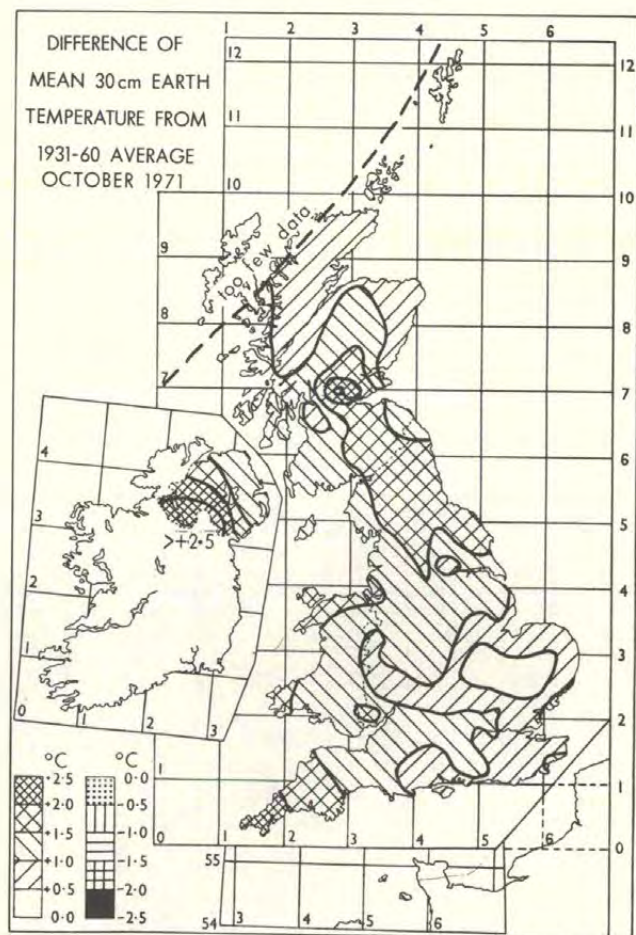
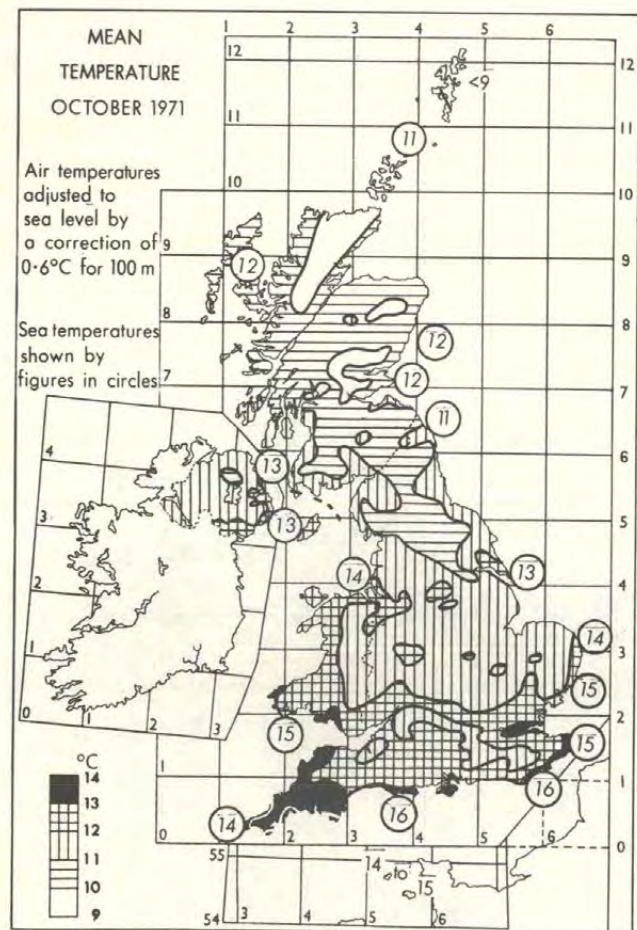
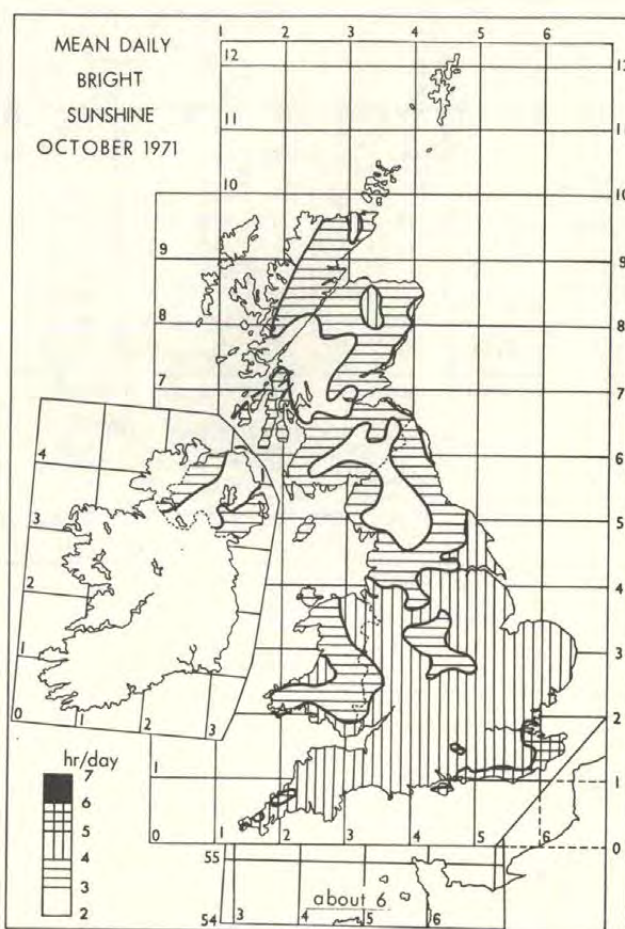
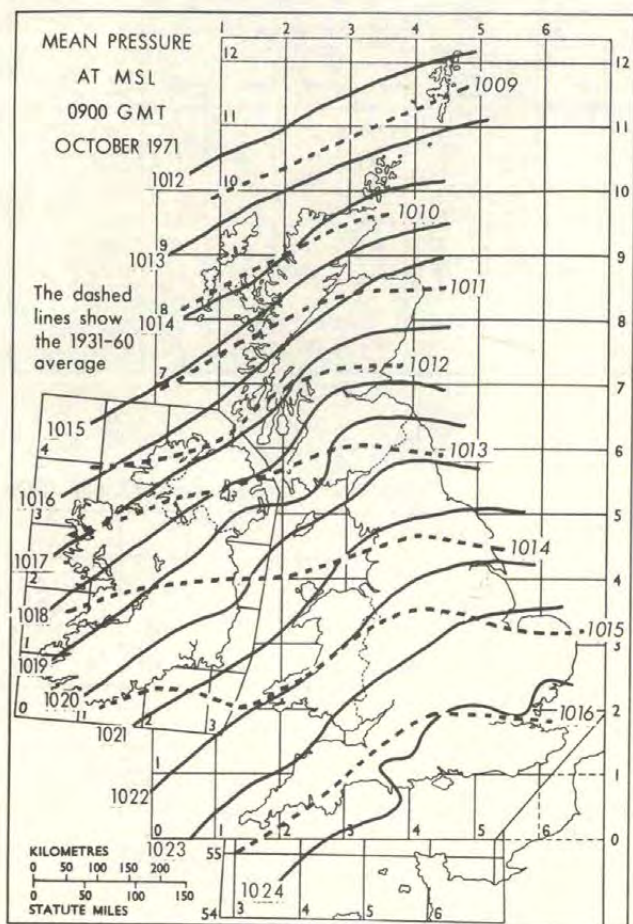


Table 2 Solar radiation and illumination

OCTOBER, 1971

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	253	4	36	10	199.5	31	128	4	36	10, 23	75.8	31	340	3	50	10	156.0	31
Eskdalemuir .. .	303	14	18	17	119.6	31	127	1, 13	17	23	65.8	31	324	14	24	23	139.4	31
Cambridge Meteorological Research Unit ..	341	5	45	13	195.2	31	152	9	44	13	92.7	31	—	—	—	—	—	—
London Weather Centre	339	7	31	13	187.8	31	214	14	26	13	94.3	31	459	1	49	13	256.4	31
Kew	367	5	27	13	202.0	31	146	3	26	13	95.9	31	484	1	43	13	270.6	31
Easthampstead ¹ ..	426	31	27	13	225.3	31	157	9	25	13	91.5	31	521	31	36	13	270.9	31
Aberporth	396	1	32	13	199.1	31	165	4	32	13	97.6	31	—	—	—	—	—	—
Aldergrove	283	14	35	10	138.6	31	149	2	35	10	88.3	31	—	—	—	—	—	—
Jersey Airport ..	428	6	36	25	244.2	31	189	12	35	25	104.4	31	442	6	40	25	259.1	31

¹ Formerly listed as Bracknell; the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

Table 3 Summary of daily observations

For meaning of symbols ¶ § \$ S used below see Notes in the Introduction.

OCTOBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
0 SCOTLAND N																																	
Zetland																																	
Hamnavoe ...	99	21	11.1	7.2	9.1	—	13.6	6	−0.1	13	—	—	113	—	18	21	23	17	4	0	1	1	0	0	1	—	—	11	2.83	—	—		
Lerwick ² ...	21-9	82	10.2	6.4	8.3	—	14.3	6	−1.4	12	—	—	127	106	21	21	22	17	3	1	0	3	0	0	3	6	4	6	3.01	139	—	—	
			10.5	6.5	8.5	+0.4	14.7	6	−1.2	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	6	—	—	—		
Baltasound ...	99	24	10.9	5.2	8.1	—	14.9	17	0.1	15	9.1	—	138	114	19	21	26	21	5	0	0	0	0	0	0	—	—	6	2.69	—	—	—	
Orkney																																	
Sule Skerry ...	21-9	13	12.1	8.5	10.3	—	15.6	6	1.7	13	—	—	164	—	42	21	22	19	0	0	0	0	0	0	0	2	2	9	—	—	—	—	
Stenness ...	99	23	12.2	6.6	9.4	—	17.8	6	0.4	14	9.4	10.0	106	92	25	21	23	20	0	0	0	0	0	0	0	6	—	4	3.24	—	—	—	
Kirkwall ...	21-9	26	11.9	6.7	9.3	+0.4	17.6	1	−1.0	13	—	—	115	100	34	21	23	17	2	0	2	0	1	0	2	4	2	5	3.53	142	—	—	
Caithness																																	
Dounreay ...	99	21	13.1	5.5	9.3	—	19.4	6	−1.7	27	—	—	80	76	25	21	19	16	0	0	2	0	0	0	2	3	—	1	4.09	—	—	—	
Wick ...	21-9	36	12.9	7.2	10.1	+1.1	19.6	2	−2.0	14	—	—	54	68	22	21	14	9	3	0	0	2	0	0	2	4	3	1	3.87	138	—	—	
John O'Groats ...	99	30	12.7	6.0	9.3	—	20.7	6	−0.3	14	9.5	—	83	—	27	21	21	13	1	0	2	0	0	0	1	2	—	1	3.78	—	—	—	
Sutherland																																	
Cape Wrath ...	21-9	112	11.6	7.8	9.7	+0.3	16.2	28	2.6	13	—	—	148	113	48	21	20	16	0	0	4	0	0	1	0	2	1	7	2.89	—	—	—	
Lairg ...	99	107	12.9	4.8	8.9	—	19.6	6	−6.7	14	8.8	9.7	123	—	57	21	21	14	2	0	1	0	0	3	5	14	—	1	—	—	—	—	
Strathly ...	99	37	13.2	5.5	9.3	+0.7	19.3	6	−1.8	14	—	—	103	83	33	21	22	16	2	0	0	2	1	0	2	—	0	3.09	131	S	—	—	
Achentoul ...	99	137	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ross & Cromarty																																	
Stornoway ...	21-9	3	12.8	7.4	10.1	+0.7	17.4	1:2	−2.0	13	—	—	128	116	29	21	25	19	1	0	2	0	0	0	3	5	5	4	2.85	116	—	—	—
Balmacara ...	99	4	13.9	8.1	11.0	—	17.5	6	−1.1	13	—	—	226	—	37	21	25	21	0	0	0	0	1	0	1	—	—	0	—	—	—	—	
Poolewe ...	99	6	13.8	8.3	11.1	—	17.8	2	1.3	14	—	—	235	146	55	21	18	16	0	0	2	1	0	0	0	6	—	4	2.94	—	—	—	
Rudh Re ...	21-9	16	12.7	8.9	10.8	—	16.1	2	2.4	14	—	—	—	—	—	—	—	1	0	0	0	0	0	0	0	0	14	—	—	—	—	—	
Inverpolly ...	99	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Achnashellach ...	99	67	13.4	5.5	9.5	+0.8	19.2	3	−3.0	13	—	—	412	177	111	21	24	20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kinlochewe ...	99	23	14.1	6.4	10.3	+0.9	19.5	2	−2.8	13	10.6	—	368	167	136	21	22	18	0	0	0	0	0	0	2	9	—	0	2.22	—	S	—	
Strathconon ...	99	107	13.8	3.9	8.9	—	20.0	6	−4.9	27	—	—	171	—	48	21	22	18	1	0	0	0	0	0	9	17	—	0	—	—	—	—	
Fortrose ...	99	5	14.0	7.9	10.9	+1.2	16.7	2:21	1.1	13:14	—	—	63	88	26	21	16	11	0	0	0	0	0	0	0	—	1	3.64	131	—	—	—	
Tarbatness ...	21-9	18	13.4	7.6	10.5	+1.2	20.0	6	0.5	14	—	—	34	54	20	21	10	7	0	0	0	0	0	0	0	—	2	—	—	—	—	—	
Inverness																																	
Benbecula ...	21-9	6	12.9	8.8	10.9	+1.1	15.6	2	−0.6	13	—	—	139	107	25	21	23	20	0	0	1	0	1	1	1	2	2	3	2.66	—	—	—	—
Isle of Rhum ...	99	5	13.4	8.4	10.9	—	17.6	6	−1.1	13	11.7	12.6	311	107	43	21	23	23	0	0	0	3	2	0	1	4	—	7	2.69	—	—	—	
Prabost ...	99	67	12.7	7.2	9.9	—	17.8	1	−0.9	13	—	—	259	119	54	21	25	21	0	0	0	2	0	0	1	10	—	6	2.58	—	—	—	
Duntulm ...	99	90	12.3	7.7	10.0	+0.6	16.7	2	0.6	13	—	—	160	105	42	21	22	22	0	0	3	0	1	0	0	4	—	4	2.61	117	—	—	
Onich ...	99	15	13.7	6.2	9.9	+0.4	20.5	3	−3.5	13	—	—	327	141	76	21	23	20	—	—	—	—	—	—	—	—	—	—	2.70	130	S	—	
Fort William ...	99	8	13.6	6.5	10.1	—	(18.6)	3	−2.5	28	11.3	12.1	367	182	117	21	22	20	0	0	0	0	0	0	12	5	9	3	1.72	—	—	—	
Corpach ...	99	8	13.8	7.4	10.6	—	20.8	3	−2.2	13	—	—	326	—	84	21	25	19	0	0	0	0	0	0	2	7	—	0	—	—	—	—	
Fort Augustus ...	99	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Inverness ...	99	4	14.1	6.7	10.4	—	18.3	5:21	−1.1	13:14	—	—	68	100	21	21	16	12	0	0	0	0	0	0	2	7	—	0	3.88	—	—	—	—
Coire Cas Shieling	99	762	9.3	3.4	6.3	—	14.8	6	−4.6	14	—	—	127	—	28	21	20	17	3	—	0	2	0	2	5	—	—	—	—	—	—	—	—
Cairngorm ...	99	1090	6.1	1.2	3.7	—	12.0	6	−6.8	14	—	—	199	—	70	21	24	17	7	—	2	4	0	6	11	—	—	21	—	—	S	—	—
Glenmore Lodge ...	99	341	12.7	3.8	8.3	+0.8	18.5	6	−7.2	13	—	—	67	59	13	17	19	13	0	0	0	0	0	0	6	12	6	0	3.46	—	S	—	—
Moy ...	99	305	12.3	4.5	8.4	—	17.1	2:6 (21)	−7.2	13	9.2	—	91	—	26	21	18	16	0	0	0	0	0	0	3	16	—	0	3.63	—	—	—	—
1 SCOTLAND E																																	
Nairn																																	
Nairn ...	99	6	13.8	6.1	9.9	+0.7	19.3	6	−2.5	14	—	—	57	82	23	21	17	10	0	0	0	0	0	0	0	3	11	—	0	3.97	133	—	—
Moray																																	
Grantown-on-Spey	99	229	13.2	3.8	8.5	—	18.7	6	−8.3	14	—	—	35	—	11	21	15	11	1	0	0	0	0	0	1	8	14	—	1	3.69	—	—	—
Forres ...	99	50	14.3	6.4	10.3	+1.2	19.7	6	−3.2	14	10.4	11.7	47	68	19	21	14	8	0	0	0	0	0	0	2	5	—	0	3.69	123	—	—	—
Kinloss ...	21-9	5	14.2	6.3	10.3	+1.1	20.0	6	−3.5	14	10.3	—	41	61	18	21	18	8	0	0	0	0	0	0	0	5	10	6	1	3.65	—	—	—
Elgin ...	99	15	14.8	5.7	10.3	—	20.6	6	−3.2	14	—	—	38	53	15	21	13	7	—	0	—	—	—	—	0	2	9	—	—	3.54	—	—	—
Lossiemouth ...	99	6	14.2	5.4	9.8	+0.7	20.2	6	−2.9	14	—	—	39	57	14	21	14	6	0	0	0	0	0	0	4	11	9	3	—	—	—	—	—
Gordon Castle ...	99	32	14.5	6.0	10.3	+1.1	20.6	6	−1.7	14	—	—	38	47	17	21	12	8	0	0	1	0	0	0	—	2	—	0	4.04	141	—	—	—
Banff																																	
Glenlivet ...	21-9	215	13.2	4.9	9.1	—	18.6	6	−7.1	14	—	—	47	—	17	21	15	10	1	0	1	0	0	0	7	15	8	0	3.98	—	—	—	—
Banff ...	99	24	13.6	7.0	10.3	—	20.5	6	1.1	13:14	—	—	40	—	14	21	13	8	—	0	—	—	—	—	0	—	—	—	3.53	—	—	—	—
Aberdeen																																	
Braemar ...	99	339	12.3	3.6	7.9	+0.9	18.1	3	−8.1	14	—	—	52	50	9	21	20	13	—	0	—	—	—	—	0	7	11	—	—	3.06	—	S	—
Balmoral ...	99	283	12.6	3.8	8.2	+1.0	18.3	6	−7.8	14	—	—	38	41	10	21	17	11	0	0	0	0	0	—	8	9	—	0	—	—	—	—	—
Dinnet ...	99	177	13.9	4.1	9.0	—	20.2	2	−6.5	14	—	—	19	—	6	21	9	6	—	0	—	—	—	—	0	7	8	—	—	4.08	—	—	—
Gartly ...	99	160	13.2	4.4	8.8	—	21.0	6	−4.0	14	—	—	22	—	8	21	13	6	—	—	—	—	—	—	—</								

For meaning of symbols * † ‡ § used below see Notes in the Introduction.

⁴ Eskdalemuir. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen. ⁵ Used as a District Value station for temperature and sunshine for District 1.

Table 3 Summary of daily observations

For meaning of symbols 1 5 3 S used below see Notes in the Introduction.

OCTOBER, 1971

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 amount (mm)	date	precip'n		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							0.2mm or more	1.0mm or more													
2 ENGLAND NE — continued																																
Yorkshire N Riding																																
Leeming ...	21-9	32	14.9	7.4	11.1	—	20.4	1	-1.3	28	—	—	19	32	8	18	6	4	0	0	0	0	1	3	4	6	5	0	3.79	—	—	
Marton ...	99	46	14.9	7.4	11.1	—	20.6	1	0.5	27	11.8	12.7	25	—	12	17	10	6	0	0	0	0	—	0	6	—	0	3.62	—	—		
York (Heslington) ...	99	20	15.2	6.6	10.9	—	20.9	1	-0.4	15	11.6	12.6	38	—	13	18	7	6	0	0	0	0	0	3	1	4	—	0	3.98	—	—	
Pickering ...	99	44	14.3	5.5	9.9	—	20.7	1	-1.5	15	—	—	27	—	10	18	9	5	0	0	1	0	0	3	1	9	—	0	—	—		
Scarborough ...	99	53	(14.6)	7.9	(11.3)	—	20.6	2	2.1	15	11.6	12.8	36	—	17	15	9	7	0	0	0	0	0	0	0	3	—	4	4.15	131	—	
Silpho Moor ...	99	203	13.6	6.9	10.3	—	20.2	3	-1.0	15	10.6	—	49	—	29	15	17	6	0	0	0	0	0	2	1	4	—	0	4.13	—	—	
Whitby Coastguard ...	21-9	60	14.4	7.8	11.1	—	20.0	1,2,7	-0.7	15	—	—	14	—	3	15	8	7	0	0	0	0	0	0	1	1	0	2	—	—	—	
Yorkshire E Riding																																
High Mowthorpe ...	99	175	13.9	6.9	10.4	—	19.4	3	1.2	15	11.1	—	46	64	18	18	10	6	—	0	—	—	—	1	0	6	—	—	4.01	—	—	
Hull ...	99	2	16.1	8.9	12.5	+1.8	21.7	1,2	1.7	15	12.0	13.4	49	82	16	18	9	7	0	0	0	0	0	1	0	—	—	0	4.39	145	—	
Filey ...	99	37	15.4	7.5	11.5	—	19.9	1	-0.5	29	—	—	24	38	8	18	9	6	0	0	0	0	0	2	1	4	—	0	4.52	—	—	
Bridlington ...	99	48	14.9	7.3	11.1	+1.3	20.6	1	1.7	15	—	—	33	51	10	19	10	6	0	0	0	0	0	5	0	0	—	1	4.63	135	—	
Kilnsea ...	21-9	12	15.0	9.4	12.2	—	19.5	2	3.5	15	—	—	23	—	7	18	7	4	0	0	0	0	1	2	0	—	2	4.84	—	—	—	
Lincoln																																
Waddington ...	5	21-9	68	15.3	7.7	11.5	+1.5	22.2	2	1.5	15	—	—	26	—	7	15	8	5	0	0	0	0	0	3	0	2	0	4.47	134	—	
Lincoln ...	99	7	15.6	7.1	11.3	+1.4	22.2	2	-3.3	15	12.5	13.1	29	53	10	15	7	5	0	0	0	0	0	1	2	7	—	0	4.19	—	—	
Cranwell ...	99	62	15.4	6.8	11.1	+1.1	22.6	2	0.2	29	12.1	13.5	17	31	4	12	9	7	0	0	0	0	0	1	0	5	2	0	4.56	138	—	
Brigg ...	99	3	15.7	6.4	11.1	—	21.7	2	-1.1	15	—	—	52	—	20	18	10	7	0	0	0	0	0	5	1	8	—	0	—	—	—	
Binbrook ...	21-9	108	14.6	7.6	11.1	—	21.0	2	1.5	15	—	—	34	—	9	17	11	5	0	0	0	0	1	5	0	4	1	0	—	—	—	
Cleethorpes ...	99	7	(15.1)	8.5	(11.8)	(+1.2)	20.0	23	2.8	15	—	—	34	62	11	19	7	5	—	—	—	—	1	0	0	—	—	4.58	133	—	—	
Manby ...	21-9	17	15.8	7.7	11.7	—	22.3	2	0.5	29	12.3	—	27	51	9	17	10	5	0	0	1	1	1	1	0	5	1	0	4.54	—	—	
Skegness ...	99	5	15.4	8.3	11.9	+1.3	20.5	22	2.5	31	—	—	25	49	10	19	10	5	0	0	0	0	0	3	0	0	—	0	4.33	126	—	—
3 ENGLAND E																																
Norfolk																																
Terrington St. Clement ...	99	4	(15.7)	6.8	(11.3)	(+1.0)	22.4	2	0.2	15	12.0	—	55	115	10	16	10	9	0	0	0	0	0	9	0	8	—	0	4.07	118	—	
Marham ...	21-9	23	15.7	7.0	11.3	—	23.1	2	-0.4	15	—	—	55	—	12	19	10	8	0	0	0	1	0	4	1	5	2	0	—	—	—	
Santon Downham ...	99	24	16.1	4.7	10.4	—	22.2	2	-4.9	30	11.8	12.8	66	109	18	16	9	7	—	—	—	—	—	8	12	—	—	4.09	—	—	—	
West Raynham ...	21-9	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
East Dereham ...	99	53	16.2	6.8	11.5	—	24.2	2	-1.0	29	—	—	56	—	16	16	11	7	—	—	—	—	—	6	2	8	—	—	—	—	—	
Morley St Botolph ...	99	48	15.3	6.7	11.0	—	22.2	2	0.1	24	11.5	—	61	—	19	16	10	8	0	0	0	0	0	—	0	8	—	1	4.46	—	—	
Cromer ...	99	54	(14.7)	(7.2)	(10.9)	(+0.2)	21.0	1,24	0.3	30	—	—	43	61	10	16	11	9	0	—	—	—	0	0	0	0	—	0	4.94	138	—	
Coltishall ...	21-9	17	15.7	7.3	11.5	—	23.0	2	-1.2	30	—	—	51	—	13	16	16	7	0	0	0	1	0	5	3	8	3	0	—	—	—	
Burlingham ...	99	27	15.4	7.8	11.6	—	21.8	2	-0.6	30	—	—	51	83	16	16	8	7	0	0	0	0	0	2	1	6	—	0	4.44	—	—	
Gorleston ...	21-9	4	15.4	9.9	12.7	+1.3	21.0	22	3.4	30	12.7	13.6	43	70	10	16	9	7	0	0	1	0	0	2	0	2	0	1	4.35	121	—	—
Suffolk																																
Brooms Barn ...	99	75	15.7	7.5	11.6	—	22.9	2	1.2	15	11.7	13.1	59	—	19	12	10	8	0	0	0	0	0	2	0	4	—	2	4.91	—	—	
Honington ...	99	51	15.9	7.3	11.6	—	22.5	2	-0.1	29	—	—	58	—	19	16	10	7	0	0	0	0	0	4	1	6	2	0	—	—	—	
East Bergholt ...	99	4	16.4	6.1	11.3	—	21.7	2	-1.7	7,29	—	—	50	82	17	12	10	6	—	—	—	—	—	4	4	11	—	—	—	—	—	
Wattisham ...	21-9	89	15.2	7.3	11.3	—	22.0	2	1.2	15	—	—	61	106	21	12	12	9	0	0	0	0	0	6	0	5	1	0	4.56	—	—	
Lowestoft ...	99	25	15.7	9.2	12.5	+1.4	23.9	11	2.6	1	12.6	13.6	54	91	13	12	10	8	0	0	1	0	0	1	0	0	—	0	4.31	117	S	
Cambridge																																
Boxworth ...	99	44	15.9	7.6	11.7	—	22.8	2	0.4	15	—	—	63	129	14	19	8	8	0	0	0	0	1	0	0	7	—	1	4.92	—	—	
Mepal ...	99	1	16.3	5.2	10.7	—	23.2	2	-3.6	6	12.1	—	58	—	14	13	8	8	0	0	(0)	(0)	(0)	(6)	4	11	—	(0)	4.25	—	—	
March ...	99	2	(16.3)	(6.6)	(11.5)	—	22.5	2	-0.5	29	—	—	49	91	11	16	9	8	—	—	—	—	—	1	—	—	—	—	—	—	—	
Cambridge																																
Botanic Gardens ...	99	12	16.7	(6.4)	(11.5)	(+1.1)	23.0	2	-5.0	15	11.7	13.3	69	139	17	12	9	8	0	—	0	0	0	0	2	5	—	0	—	—	—	
N I A B ⁶ ...	99	26	16.5	5.8	11.1	+0.7	24.9	2	-1.0	28	—	—	65	133	14	16	10	9	0	0	0	0	0	3	1	8	—	0	4.85	144	—	
Huntingdon																																
Monks Wood ...	99	40	15.9	6.8	11.3	—	23.3	2	-1.4	29	—	13.1	50	—	17	13	9	7	—	—	—	—	5	3	8	—	—	4.70	—	—	—	
Wyton ...	21-9	39	15.9	7.8	11.9	—	22.7	2	1.2	15	—	—	58	121	16	13	9	7	0	0	0	1	0	4	0	6	4	0	—	—	—	
Bedford																																
Woburn ...	99	89	15.5	6.9	11.2	+1.4	23.0	2	-1.4	28	12.1	13.3	79	137	20	13	8	7	0	0	0	0	0	0	2	7	—	0	4.77	146	—	
Silsoe ...	99	61	15.9	6.5	11.2	—	22.8	2	-2.0	6	11.3	13.4	66	125	17	19	7	7	0	0	0	0	0	1	4	8	7	—	4.90	—	—	
Cardington ...	21-9	28	16.2	6.3	11.3	+1.2	23.3	2	-2.6	6	12.1	13.3	77	159	18	19	10	8	0	0	1	0	1	1	4	11	5	0	4.73	—	—	
Luton ...	99	159	15.6	(7.5)	(11.5)	—	22.3	2	1.8	15	12.5	13.4	85	—	21	17	8	8	—	—	—	—	—	4	0	5	—	—	4.63	—	—	
Hertford																																
Aldenham School ...	99	91	(16.5)	(6.6)	(11.5)	—	23.1	2,3	-1.0	6	12.1	—	73	—	22	16	8	7	0	0	0	0	0	2	3	8	—	0	—	—	—	
Garston ...	99	78	16.4	6.6	11.5	—	23.0	2	0.0	6, 15	—	—	75	113	24	12	10	8	—	—	—	—	—	5	0	7	5	—	4.54	—	—	
Rothamsted ...	99	128	15.5	6.6	11.1	+1.3	22.1	2	0.4	6	11.9	12.7	73	111	19	12	9	8	0	0	0	—	—	2	0	7	—	0	4.60	144	—	
St Albans ...	99	83	16.0	6.9	11.5	+1.5	22.3	2	-0.1	15	12.4	—	82	132	22	12	10	7	0	0	0	0	0	6	1	11	—	0	4.63	—	S	
Letchworth ...	99	64	(16.7)	(6.4)	(11.5)	—	23.3	2	0.1	15	—	—	61	111	20	12	9	7	—	—	—	—	—	—	0	8	—	—	—	—	—	
Stanstead Abbots ...	99	30	(16.7)	(5.5)	(11.1)	—	23.3	2	-2.7	29	13.6	14.6	59	—	19	12	8	7	—	—</												

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

OCTOBER, 1971

District, county and place	max. temp. 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'n 0.2mm or more	1.0mm or more	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 1931-60 average	exposure			
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																		
4 MIDLAND COUNTIES — continued																																		
Yorkshire W Riding — continued																																		
Huddersfield	¶	99	99	(15.3)	(6.8)	(11.1)	—	22.4	1	0.4	30	(11.8)	(13.0)	92	117	52	18	10	7	—	—	—	—	—	3	0	7	—	—	(4.06)	164	—		
Huddersfield Oakes	¶	21-9	235	14.5	7.3	10.9	+1.4	22.0	2	0.9	15	10.9	11.5	112	113	62	18	14	8	0	0	0	1	2	3	0	7	5	2	3.97	144	—		
Bradford	¶	99	134	14.2	7.3	10.7	+1.2	21.0	1, 2	0.3	15	11.6	12.8	81	96	39	18	11	8	0	0	0	0	1	2	0	7	—	—	0	3.40	140	S	
Ilkley	¶	99	96	(14.4)	(6.5)	(10.5)	(+1.0)	21.0	1	-0.5	15	—	—	58	61	31	18	8	8	0	0	0	0	0	4	1	4	—	—	0	3.46	129	—	
Sheffield	¶	99	131	15.3	8.2	11.7	+1.5	23.4	2	1.6	15	11.8	13.4	93	24	28	18	10	9	0	0	0	0	—	—	—	—	—	—	2	4.49	170	—	
Pontefract	¶	99	78	(15.2)	7.2	(11.2)	(+1.3)	21.1	1	0.7	30	—	—	45	84	18	18	9	6	0	0	0	0	1	2	0	0	—	—	—	—	—		
Bramham	¶	99	54	14.7	6.1	10.4	—	21.8	1	-1.2	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cawood	¶	99	6	15.3	6.1	10.7	—	22.8	1	-1.0	15	11.3	12.6	46	83	16	15	8	6	0	0	0	0	0	3	1	6	—	—	0	3.83	—	—	
Askham Bryan	¶	99	34	15.3	6.6	10.9	—	21.0	1	-0.4	15	—	—	37	63	14	14	7	6	0	0	0	0	0	4	1	5	—	—	0	4.15	153	—	
Derby																																		
Buxton	¶	99	307	13.8	6.4	10.1	+1.7	19.6	2	-1.5	15	10.8	11.3	108	86	41	18	11	7	0	0	0	0	1	2	1	3	—	—	—	—	—		
Mackworth	¶	99	89	14.6	(6.6)	(10.6)	—	21.7	2	-0.2	15	—	—	54	—	22	18	7	6	—	—	—	—	—	1	1	—	—	—	—	—	—	—	
Ashover	¶	99	186	14.2	7.3	10.7	—	21.7	2	-0.5	15	—	—	67	—	32	18	8	7	0	0	0	0	0	0	1	5	—	—	1	4.27	—	—	
Derby	¶	99	48	15.4	7.4	11.4	—	23.1	2	0.4	29	—	—	51	77	19	18	7	6	0	0	0	0	0	1	0	7	—	—	—	—	—		
Morley	¶	99	107	15.0	5.9	10.5	—	22.2	2, 3	-1.1	14	—	—	52	74	20	18	9	7	—	—	—	—	—	5	2	4	—	—	—	—	—		
Wingerworth	¶	99	126	14.5	5.4	9.9	—	21.0	2	-2.2	15	12.2	—	62	—	22	18	8	7	0	0	0	0	—	—	3	5	10	—	—	0	4.14	—	—
Nottingham																																		
Sutton Bonington	¶	99	48	15.4	6.4	10.9	+1.1	22.6	2	-1.1	15	11.9	12.9	37	69	13	13	8	6	0	0	0	0	0	1	1	7	—	—	1	(4.21)	(146)	—	
Watnall	¶	21-9	117	14.9	7.5	11.2	+1.4	23.0	2	1.4	15	—	—	45	71	12	18	9	7	0	0	0	0	0	3	0	9	2	—	—	0	3.71	129	—
Mansfield	¶	99	110	14.6	7.3	10.9	+1.1	22.8	2	0.1	28	11.7	—	59	87	24	18	9	7	0	0	0	0	0	0	0	9	—	—	—	—	—	—	
Nottingham	¶	99	59	15.7	8.2	11.9	+1.6	23.1	2	2.4	15	11.6	13.4	39	68	10	15	8	5	0	0	0	0	0	2	0	2	—	—	—	—	—		
Warsop	¶	99	46	15.4	5.6	10.5	—	22.8	3	2.8	28	—	—	60	108	29	18	9	7	—	—	—	—	—	3	4	10	—	—	—	—	—		
Finningley	¶	21-9	10	16.0	7.2	11.6	+1.4	21.9	2	-0.3	29	—	—	48	111	15	18	8	7	0	0	0	0	0	3	1	6	0	—	—	0	4.26	—	—
Leicester																																		
Newtown Linford	¶	99	119	14.8	6.5	10.7	—	22.8	2	-1.1	15	—	—	42	65	20	13	9	6	0	0	0	0	0	2	1	9	—	—	—	—	—		
Caldecott	¶	99	53	15.8	5.2	10.5	—	23.8	2	-3.6	29	—	—	40	74	19	13	9	7	—	—	—	—	—	0	4	5	—	—	—	—	—		
Northampton																																		
Bugbrooke Mills	¶	99	69	15.5	5.7	10.6	—	21.4	2	-2.0	6	11.4	12.6	53	93	22	13	11	8	—	—	—	—	—	1	5	—	—	—	—	—	—		
Raunds	¶	99	59	15.4	6.5	10.9	+1.0	22.3	2	-0.9	29	11.4	12.8	53	102	19	13	10	8	0	0	0	0	0	3	2	7	—	—	—	—	—		
Wittering	¶	99	65	15.5	7.5	11.5	+1.4	22.0	2	-0.1	29	—	—	39	72	18	13	10	7	0	0	0	0	0	3	1	3	2	—	—	—	—	—	
Warwick																																		
Birmingham																																		
King Edward School	¶	99	137	(15.3)	7.3	(11.3)	—	23.0	2	1.2	15	—	—	66	91	36	13	8	7	0	0	0	0	0	2	0	—	—	—	—	—	—		
Edgbaston	¶	21-9	163	14.7	8.4	11.5	+1.4	23.0	2	2.5	15	11.6	—	65	89	33	13	10	6	0	0	0	0	0	1	0	2	1	0	—	—	—		
Luddington	¶	99	56	15.7	6.8	11.3	—	22.6	2	0.3	15	—	—	58	—	25	13	11	9	0	0	1	0	0	8	0	8	—	—	—	—	—		
Stratford	¶	99	49	15.8	5.5	10.7	—	23.7	2	-1.6	15	12.5	—	68	116	26	13	12	9	0	0	0	0	0	3	1	7	—	—	—	—	—		
Elmdon	¶	21-9	96	14.9	6.4	10.7	—	22.6	2	-1.7	15	—	—	52	—	27	13	10	5	1	0	0	0	0	2	1	12	6	—	—	—	—		
Shipston-on-Stour	¶	99	111	15.4	6.9	11.1	—	22.8	2	1.5	15	11.8	—	54	88	23	13	14	10	0	0	0	0	0	2	0	11	—	—	—	—	—		
Wellesbourne	¶	99	47	(15.6)	(6.4)	(11.0)	—	(23.4)	2	-0.7	15	—	—	58	96	28	13	11	9	—	—	—	—	—	—	—	—	—	—	—	—	—		
Moreton Morrell	¶	99	85	15.5	6.8	11.1	—	23.9	2	-0.7	15	—	—	59	101	28	13	12	9	0	0	0	0	0	2	1	8	—	—	—	—	—		
Rugby	¶	99	117	15.2	7.1	11.1	+1.4	22.2	2	0.0	15	11.2	13.1	57	93	28	13	11	8	0	0	0	0	0	—	—	—	—	—	—	—	—		
Oxford																																		
Brize Norton	¶	21-9	84	15.8	6.9	11.3	—	22.2	2	0.5	6	—	—	104	—	27	19	10	9	1	0	0	1	0	5	0	9	—	—	—	—	—		
Oxford	¶	99	63	15.8	7.4	11.6	+1.1	22.3	2	1.1	15	12.4	13.6	74	116	16	13	10	8	0	0	0	0	0	3	0	7	—	—	—	—	—		
Shirburn Model Farm	¶	99	108	16.2	7.2	11.7	—	23.9	2	0.1	15	12.3	—	59	—	18	16	9	8	0	0	0	0	0	3	0	9	—	—	—	—	—		
Buckingham																																		
Medmenham	¶	99	30	16.5	4.9	10.7	—	22.8	2	-2.5	7	—	—	68	—	20	16	9	9	—	—	—	—	—	—	6	11	—	—	—	—	—		
Grendon Underwood	¶	99	67	15.8	(5.0)	(10.4)	—	22.8	2	-2.3	6	12.3	13.3	77	—	18	19	11	9	0	0	0	0	0	—	5	12	—	—	—	—	—		
Aylesbury	¶	99	96	15.9	6.9	11.4	—	23.4	2	-0.5	15	—	—	92	144	23	17	9	8	0	0	0	0	0	1	1	7	—	—	—	—	—		
Stafford																																		
Keele	¶	99	179	14.3	7.1	10.7	—	21.3	2	1.4	15	11.3	12.4	56	68	27	18	9	8	0	0	0	1	1	0	5	—	—	—	—	—	—		
Oaken	¶	99	125	15.1	6.6	11.3	—	22.8	2	0.6	14, 15	11.9	—	61	—	21	18	9	7	—	—	—	—	—	3	0	4	—	—	—	—	—		
Stone	¶	99	107	14.9	6.3	10.6	—	23.2	2	-0.1	15	—	—	75	110	44	18	9	7	—	—	—	—	—	4	1	1	—	—	—	—	—		
Penkridge	¶	99	101	15.3	(6.6)	(10.9)	—	22.2	2	-0.1	14	—	—	68	99	29	18	8	7	—	—	—	—	—	3	1	7	—	—	—	—	—		
Shropshire																																		
Oswestry	¶	99	174	14.4	7.7	11.1	—	20.6	2	2.2	14	—	—	90	97	23	18	12	9	0	0	0	0	2	1	0	8	—	—	—	—	—		
Church Stretton	¶	—	183	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Shrewsbury	¶	99	56	15.3	7.8	11.5	+1.5	21.2	2	0.6	15	12.8	13.9	64	99	22	13	10	8	0	0	0	0	1	0	5	—	—	—	—	—	—		
Shawbury	¶	21-9	72	15.7	6.2	10.9	+1.2	22.2	2	-0.7	26	—	—	59	87	19	18	10	8	0	0	0	1	0	1	3	10	5	—	—	—	—		
Clee Hill	¶	21-9	504	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Bridgnorth	¶	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—												

Table 3 Summary of daily observations

For meaning of symbols † ‡ § used below see Notes in the Introduction.

OCTOBER, 1971

District, county and place	max. temp. h (GMT) min. of observation	height of station above MSL (metres)	air temperature in °C								mean earth temperature		rainfall (terminal h 00 GMT)				weather (number of days)												bright sunshine			
			means of		highest max. and lowest min.	date	min.	date	30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1915-50 average	most in a day	precip'n	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 1915-50 average	exposure					
			max. (a)	min. (b)																								daily mean (mean of a + b)	difference from 1931-60 average			
5 ENGLAND SE																																
Greater London																																
Kensington Palace ...	99	25	16.8	6.8	11.8	+0.4	22.8	2	1.0	15	13.3	14.4	57	95	15	12	8	7	0	0	0	0	0	1	4	0	6	0	—	—	—	—
Hampstead ...	99	137	15.8	8.2	12.0	+1.7	22.3	2	3.1	15	—	—	61	93	19	13	10	7	0	0	0	0	0	0	0	0	4	0	—	—	—	—
St James Park ...	99	4	16.6	(9.1)	(12.9)	(+1.2)	22.0	2	4.0	15	—	—	61	109	17	12	8	6	0	0	0	0	0	0	0	0	0	0	4.82	151	S	—
Regents Park ...	99	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
London W/Centre ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Greenwich ...	99	7	(17.4)	8.3	(12.9)	—	23.8	2	1.6	15	—	—	52	97	20	13	8	6	0	0	0	0	0	0	0	0	0	0	4.99	176	—	—
Heathrow ...	21-9	25	17.1	8.4	12.7	+1.8	23.7	2	1.9	7	—	—	58	96	19	16	10	6	0	0	0	0	0	0	0	0	0	0	4.47	151	—	—
Hampton ...	99	12	16.8	8.1	12.5	—	22.9	2	2.2	15	—	—	54	97	14	12	8	7	0	0	0	0	0	0	0	0	0	0	4.74	—	—	—
Wealdstone ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Southgate ...	99	67	16.3	8.1	12.2	—	22.8	2	1.8	15	13.0	—	61	99	17	12	8	5	0	0	0	0	0	0	1	0	7	0	4.46	—	—	—
Kew [†] ...	§	21-9	5	16.5	6.8	11.7	—	22.6	2	-1.1	7	12.3	13.2	54	94	15	12	8	7	0	0	0	0	0	2	4	10	5	0	4.78	—	—
Waddon ...	99	59	(16.7)	8.4	(12.3)	(+0.9)	22.1	2	1.6	15	—	—	50	73	21	13	9	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Addington ...	99	144	16.1	8.2	12.1	+1.7	22.2	2	1.7	15	—	—	58	78	26	13	10	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bromley ...	99	65	(16.4)	8.5	(12.5)	(+1.6)	22.8	2	2.8	6, 15	—	—	57	89	26	13	8	7	—	0	—	—	—	—	—	—	—	—	—	—	—	—
Surrey																																
Gatwick ...	21-9	59	16.9	6.0	11.5	+1.2	23.6	2	-3.2	29	—	—	65	80	22	13	6	5	0	0	0	0	0	0	5	4	10	4	0	4.79	—	—
Witley ...	99	35	16.5	6.4	11.5	+1.2	21.8	2	-1.6	7	12.6	13.6	52	—	17	13	10	7	—	0	—	—	—	—	—	—	—	—	—	4.60	—	—
Mickleham ...	99	55	16.6	5.0	10.8	—	22.3	2	-1.6	7	12.2	13.2	50	70	23	13	10	5	0	0	0	0	0	0	5	4	8	—	—	—	—	—
Kent																																
Hadlow College ...	99	30	16.7	5.7	11.2	—	21.6	2	-2.4	29	12.6	13.3	58	—	25	13	8	5	0	0	0	0	0	1	7	4	7	—	0	4.43	—	—
Gillingham ...	99	4	17.3	(7.8)	(12.5)	—	21.7	1	0.0	27	—	—	42	67	18	13	9	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Peckham ...	21-9	29	16.8	6.1	11.5	—	22.8	2	-2.3	6	—	—	59	—	20	19	8	5	0	0	0	0	0	0	7	3	9	3	0	4.86	—	—
Dungeness ...	21-9	3	16.3	10.0	13.1	+1.3	20.3	2	0.8	8	—	—	29	37	11	13	6	4	0	0	0	0	0	0	0	0	—	—	—	—	—	—
Whitstable ...	99	3	17.2	8.1	12.7	—	22.2	3	-0.8	29	—	—	48	77	20	13	9	6	0	0	0	0	0	0	3	1	—	—	0	5.17	—	—
Folkestone ...	99	39	16.4	10.5	13.5	—	20.9	2	6.4	30	—	—	43	55	23	13	8	5	0	0	0	0	0	0	3	0	—	—	0	5.59	—	—
Elmstone ...	99	9	16.7	6.6	11.7	—	22.4	3	-1.0	29	—	—	46	—	21	13	8	5	—	0	—	—	—	—	—	—	—	—	—	—	—	—
Herne Bay ...	99	31	16.7	8.5	12.6	—	22.5	3	2.5	30	—	—	53	—	23	19	8	7	0	0	0	0	0	0	2	0	—	—	0	5.39	—	—
Dover ...	99	6	16.5	10.4	13.5	+1.7	20.9	2	3.4	30	14.3	14.9	48	56	29	13	6	5	0	0	0	0	0	0	0	0	—	—	0	5.37	—	—
Manston ...	21-9	44	16.5	8.7	12.6	—	21.8	3	3.8	30	—	—	46	70	18	13	8	5	0	1	0	1	0	1	0	3	0	—	—	—	—	—
Margate ...	99	16	16.3	10.8	13.5	+1.5	21.1	3	6.2	15	12.9	14.2	30	—	9	10	8	5	0	0	0	0	0	0	1	0	0	—	0	5.29	141	—
Goudhurst ...	99	85	16.2	8.2	11.2	—	21.3	2	-1.7	6	—	—	73	79	27	19	7	5	0	0	0	0	0	0	2	5	13	—	—	—	—	—
East Malling ...	§	99	37	16.9	6.5	11.7	+1.5	22.9	2	-1.1	29	12.2	13.4	46	64	20	13	7	5	0	0	0	0	0	5	3	7	—	2	4.93	144	—
Throwley ...	99	150	16.0	7.5	11.7	—	22.8	2	2.6	15	12.1	13.1	92	103	34	19	14	6	0	0	0	0	0	0	2	0	7	—	3	5.00	—	—
Faversham ...	99	48	16.7	7.4	12.1	—	21.5	2	-0.5	6	12.5	13.7	64	—	23	13	7	5	0	0	1	0	0	1	1	6	—	—	0	5.44	—	—
Wye ...	99	56	16.4	(7.2)	(11.8)	(+1.2)	22.9	2	-0.2	29	12.7	13.4	53	61	19	13	9	5	0	0	0	0	0	0	7	1	11	—	2	5.25	144	—
Sussex																																
Thorney Island ...	21-9	3	16.6	8.6	12.6	—	21.8	2	2.1	15	—	—	31	43	14	16	7	4	0	0	0	0	0	0	2	0	5	1	1	5.08	—	—
Rogate ...	99	64	16.6	6.3	11.5	—	21.9	2	-2.1	6	13.4	—	60	—	20	13	8	6	0	0	0	0	0	0	6	4	8	—	—	0	—	—
Bognor Regis ...	99	7	15.9	9.5	12.7	+1.2	19.2	2	3.9	7	—	14.8	52	67	16	16	7	6	0	0	0	0	0	0	3	0	0	—	2	5.50	140	—
Fernhurst ...	99	57	16.8	6.3	11.5	—	22.4	2	-1.5	6	12.2	—	67	76	22	13	10	6	0	—	0	0	1	—	4	6	—	—	0	4.79	—	—
Littlehampton ...	99	5	16.2	8.7	12.5	+1.0	21.2	2	2.4	7	—	14.3	59	76	21	13	5	5	0	0	0	0	0	0	2	0	—	—	0	5.28	135	—
Rustington ...	99	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
North Heath ...	99	21	—	5.7	—	—	—	—	-1.8	6	12.6	(13.7)	61	—	22	13	7	5	0	0	0	0	0	0	9	6	—	—	1	4.51	—	—
Worthing ...	99	2	16.3	9.2	12.7	—	20.5	2	2.2	7	13.7	—																				

Table 3 Summary of daily observations

For meaning of symbols 1 5 ± S used below see Notes in the Introduction.

OCTOBER,

1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day	precip'n	0.2mm or more	1.0mm or more	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																						
5 ENGLAND SE — continued																																
Wiltshire																																
Lacock ...	99	49	16.3	6.3	11.3	—	22.3	2	-1.4	15	—	—	89	124	24	16	8	8	—	0	—	—	—	4	2	4	—	—	—	—	—	—
Lyneham ...	21-9	145	15.4	7.7	11.5	+1.3	22.1	2	0.7	15	—	—	90	123	19	16	12	8	1	0	2	0	1	5	0	3	2	0	4.35	—	—	—
Larkhill ...	99	132	16.4	6.8	11.6	+1.6	22.8	2	-1.5	7	—	—	48	62	17	16	12	6	0	0	0	0	0	9	2	6	1	0	—	—	—	—
Boscombe Down ...	21-9	126	16.3	7.2	11.7	+1.5	22.9	2	-1.2	7	—	—	44	59	18	16	10	6	0	0	0	0	0	9	2	4	3	1	4.29	—	—	—
Upavon ...	21-9	176	15.9	7.2	11.5	—	22.5	2	1.5	8	—	—	61	78	18	16	11	7	0	0	0	0	0	8	0	3	0	1	—	—	—	—
Porton ... ± 5	99	111	16.3	6.4	11.3	+1.3	22.5	2	-1.7	8	12.0	—	51	65	21	16	10	7	—	0	—	—	—	9	3	6	2	—	4.36	126	—	—
7a ENGLAND NW																																
Cumberland																																
Sellafield ...	99	13	14.5	9.1	11.8	—	18.6	2	-0.6	14	—	—	75	63	21	15	14	9	—	0	—	—	—	6	1	4	—	—	3.18	—	—	—
Bromfield ...	99	20	14.4	7.5	10.9	—	18.0	1, 3	-5.6	14	—	—	73	—	17	18	15	10	0	0	0	0	1	0	3	7	—	1	—	—	—	—
Carlisle ...	21-9	26	14.5	8.0	11.3	—	18.3	2, 3	-3.8	14	—	—	82	—	25	18	14	10	0	0	0	0	1	0	2	8	1	0	3.39	—	—	—
Newton Rigg ± 5	99	171	14.1	(7.1)	(10.6)	(+1.8)	19.4	2	-3.1	14	11.2	—	78	80	22	17	11	10	—	0	—	—	—	0	1	8	—	—	3.29	121	—	—
Westmorland																																
Great Dun Fell ...	21-9	847	7.8	3.9	5.9	—	16.3	3	-3.8	14	—	—	—	—	—	—	—	—	—	0	—	—	—	21	3	—	—	—	1.80	—	—	—
Moor House ±	99	556	10.1	4.6	7.3	—	18.6	3	-5.5	14	8.7	—	140	66	34	18	20	13	—	0	—	—	—	3	3	10	—	—	2.65	—	—	—
Lancashire																																
Squires Gate ...	21-9	10	15.0	8.0	11.5	+1.0	20.8	1	-0.8	14, 15	—	—	40	43	16	18	12	8	0	0	0	0	0	1	2	5	4	1	3.93	127	—	—
Aigburth ...	99	14	15.5	8.8	12.1	—	21.2	2	2.2	14	—	—	46	—	22	18	12	6	0	0	0	0	0	1	0	1	1	1	4.46	—	—	—
Southport ...	99	5	15.2	7.7	11.5	—	21.6	1	-1.3	14	11.4	12.9	55	60	25	18	12	7	—	0	—	—	—	3	1	4	—	—	3.85	—	—	—
Cartmel ...	99	34	14.1	(7.4)	(10.7)	—	18.5	2	-1.1	14	—	—	119	—	39	18	15	13	0	0	0	0	0	0	1	—	—	0	—	—	—	—
Grizedale ...	99	91	—	(5.8)	—	—	—	—	3.2	14	(11.6)	—	153	—	37	19	17	14	0	—	—	—	—	5	—	—	—	—	—	—	—	S
Speke ...	21-9	22	15.8	7.9	11.9	+1.4	21.6	2	1.4	30	—	—	50	63	21	18	11	7	0	0	0	0	2	2	0	4	2	1	4.42	—	—	—
Kirkham ...	99	24	14.7	7.7	11.2	—	20.6	1	-0.7	14	—	—	60	55	22	18	14	10	0	0	0	0	0	1	1	5	—	0	4.01	—	—	—
Bailrigg ...	99	53	14.2	8.6	11.4	—	19.6	1	-0.4	14	—	—	81	—	34	18	13	9	—	0	—	—	—	0	1	3	—	—	3.51	—	—	—
Morecambe ...	99	7	(14.3)	9.3	(11.8)	(+1.3)	19.8	1	1.7	14	—	—	73	68	23	18	13	11	0	0	0	0	0	0	0	—	—	0	3.41	113	—	—
Preston ...	99	33	14.9	7.9	11.4	—	20.4	1	-0.3	14	—	—	71	66	28	18	13	11	0	0	0	0	0	3	1	4	—	0	—	—	—	—
Bolton ...	99	107	14.3	7.0	10.7	—	20.6	2	-0.7	14	11.3	12.3	118	—	59	18	13	10	—	0	—	—	—	1	1	2	—	—	3.73	—	—	—
Stonyhurst ± 5	99	115	14.3	(7.5)	(10.9)	(+1.2)	20.2	2	0.5	14	—	—	112	83	39	18	13	11	—	0	—	—	—	1	0	—	—	—	3.42	123	—	—
Manchester W/Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.04	—	—	—
Helmshore ...	99	260	13.2	7.4	10.3	—	19.6	2	0.5	14	11.1	—	149	90	67	18	11	11	—	0	—	—	—	0	0	5	—	—	3.79	—	—	—
Burnley ...	99	200	12.8	7.9	10.3	—	(20.7)	2	-0.1	14	11.6	12.0	104	—	45	18	13	12	0	0	0	0	0	0	1	4	—	4	—	—	—	—
Nelson ... ±	99	165	13.6	7.1	10.3	—	19.9	2	-0.2	14	11.3	12.3	105	84	45	18	13	11	—	0	—	—	—	0	1	4	—	—	3.29	—	S	—
Rochdale ...	99	110	14.7	(6.7)	(10.7)	—	20.6	2	0.8	15	—	—	124	104	64	18	14	10	0	0	0	0	0	1	0	11	—	0	3.27	—	S	—
Cheshire																																
West Kirby Park ...	99	8	15.7	8.7	12.2	—	22.0	1	2.6	15	—	—	54	67	27	18	13	8	—	0	—	—	—	0	1	—	—	—	4.22	—	—	—
Ness Gardens ...	99	55	15.7	7.9	11.8	—	21.3	2	0.9	14	—	—	47	—	16	18	11	6	0	0	0	0	0	1	0	6	—	2	4.13	—	—	—
Winnington ...	99	20	16.1	(7.9)	(12.0)	—	21.8	2	1.1	26	—	—	61	76	29	18	10	9	0	0	0	0	0	1	0	4	—	0	—	—	—	—
Knutsford ...	99	65	15.7	7.4	11.5	—	22.7	2	0.7	15	12.4	13.3	65	77	31	18	11	9	—	0	—	—	—	0	—	—	—	—	—	—	—	—
Ringway ... ± 5	21-9	75	15.1	8.5	11.8	+1.9	21.8	2	2.3	14	—	—	69	84	38	18	11	7	0	0	0	0	1	0	0	3	0	0	4.30	156	—	—
Macclesfield ...	99	152	14.6	(7.9)	(11.3)	(+1.8)	21.1	2	1.7	14, 15	—	—	87	95	34	18	8	8	0	0	0	0	0	0	0	—	—	0	—	—	—	—
7b NORTH WALES																																
Flint																																
Rhyl ... ± 5	99	9	15.6	(9.0)	(12.3)	(+1.4)	(22.2)	1	0.7	14	—	—	51	67	29	18	9	7	0	0	0	0	0	0	3	—	0	4.29	137	—	—	
Prestatyn ...	99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.32	148	—	—	
Hawarden Bridge ...	99	5	16.2	7.3	11.7	+1.2	21.1	1, 2	-0.7	26	—	—	51	69	16	18	12	9	0	0	0	0	0	2	1	—	—	0	—	—	—	—
Anglesey																																
Valley ... ± 5	21-9	10	15.3	10.3	12.8	+1.4	20.5	2	0.7	14	—	—	50	51	17	16	14	7	0	0	0	0	0	0	4	2	6	3.54	108	—	—	—
Denbigh																																
Colwyn Bay ...	99	24	15.4	9.3	12.3	—	21.4	1	1.8	14	13.0	—	53	—	14	16	13	9	0	0	0	0	0	0	—	—	0	3.44	112	—	—	—
Alwen ...	99	335	12.9	5.8	9.3	—	21.7	2	-2.2	14	—	—	122	—	52	18	13	13	—	—	—	—	—	2	8	—	—	—	—	—	—	—
Ruthin ...	99	76	—	—	—	—	21.7	2, 3	—	—	—	—	72	—	25	18	11	9	—	0	—	—	—	0	—	—	—	—	—	—	—	—
Loggerheads ... ±	99	210	14.2	5.3	9.7	—	21.2	1	-1.0	30	11.2	12.0	62	—	18	18	12	10	0	0	0	0	2	0	1	10	—	0	4.21	—	S	—
Bwlchgwyn ...	99	386	12.9	6.7	9.8	—	19.0	2	-0.6	14	10.3	—	86	73	22	18	12	10	0	0	0	0	0	1	1	3	—	0	—	—	—	—
Wrexham ...	99	88	15.7	7.6	11.7	—	21.2	2	1.1	27	—	13.1	59	73	16	13	8	7	0	0	0	0	1	1	0	0	—	0	—	—	—	—
Caernarvon																																
Bardsey Island ...	21-9	18	14.9	11.7	13.3	—	18.5	2	7.4	15	—	—	76	—	22	15	14	9	—	0	—	—	—	0	0	0	0	—	—	—	—	—
Botwnnog ... ±	99	34	15.2	9.8	12.5	—	20.9	2	1.4	14	13.4	14.1	69	—	21	18	15	9	0	0	0	0	0	0	0	2	—	6	3.37	—	—	—
Pen-y-Ffridd ...	99	84	15.8	9.1	12.5	—	21.9	2	3.1	14	—	—	93	68	35	18	17	13	0	0	0	0	0	0	5	—	5	3.38	—	—	—	—
Aber ...	99	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Merioneth																																
Trawsfynydd ...	99	186	14.2	8.4	11.3	—	23.6	2	1.0	14	—	—	166	—	61	18	19	16	—	0	—	—	—	0	0	6	—	—	—	—	—	—
Bala ...	99	163	14.4	6.4	10.4	—	25.0	2	-2.1	14	12.3	13.6	196	—	70	18	16	12	0	0	0	0	1	3								

Table 3 Summary of daily observations

For meaning of symbols 1 5 5 S used below see Notes in the Introduction.

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OCTOBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day	amount (mm)	date	precip'n		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)	daily mean (mean of a + b)	difference from 1931-50 average	max.	date	min.	date								0.2mm or more	1.0mm or more															
8a SOUTH WALES — continued																																		
Carmarthen																																		
Carmarthen ...	99	15	16.0	7.5	11.7	—	22.2	2	0.6	25	13.6	14.1	127	—	40	18	17	14	0	0	0	0	0	0	2	0	3	—	2	3.98	—	—	—	
Esgairwen-Uchaf ...	99	332	13.4	7.7	10.5	—	21.3	2	0.6	14	—	—	107	—	34	18	13	12	0	0	0	0	1	1	0	0	3	—	3	—	—	—	—	
Brynamman ...	21-9	183	15.2	8.5	11.9	—	23.1	2	1.2	14	—	—	119	—	34	18	15	11	0	—	—	—	—	0	0	0	1	—	0	—	—	—	—	
Radnor																																		
Cenarth Mill ...	21-9	282	14.2	5.6	9.9	—	22.0	2	-2.1	15	—	—	121	—	37	18	14	10	—	—	—	—	—	1	5	13	—	—	—	—	—	—	—	
Llandrindod Wells 15	99	235	14.7	5.9	10.3	+1.0	21.7	2	-0.8	30	12.1	—	83	77	35	18	10	10	1	0	0	0	0	1	2	—	—	0	3.56	131	S	—		
Brecknock																																		
Llwynon ...	99	242	14.2	6.9	10.5	—	21.1	2	0.0	15	—	—	142	—	60	18	14	13	0	0	0	0	0	0	7	0	—	0	3.49	—	S	—		
Glamorgan																																		
Mumbles ...	21-9	36	(15.5)	10.8	(13.1)	—	18.9	1, 2	4.5	14	—	—	—	—	—	—	—	—	0	0	0	0	1	0	0	0	0	4	—	—	—	—	—	
Penmaen ...	99	82	15.2	10.0	12.6	—	19.3	2	3.6	14	13.6	14.5	113	—	22	3	15	12	0	0	0	0	1	0	0	1	—	2	4.35	—	—	—		
Swansea ...	99	8	16.7	9.2	12.9	+1.1	21.0	2	4.5	14	13.4	15.4	121	—	27	15	15	12	0	0	0	0	0	0	0	0	—	—	—	—	—	S	—	
Port Talbot ...	99	7	16.9	9.8	13.3	—	23.1	2	3.6	30	—	—	99	85	30	15	14	12	0	0	1	0	2	0	0	0	—	—	—	—	—	—	—	
Neath ...	99	62	15.9	9.6	12.7	—	22.1	2	3.2	15	—	—	106	77	27	15	17	12	0	0	0	0	0	0	0	0	—	—	—	—	—	—	—	
Rhose ...	21-9	67	15.6	8.6	12.1	—	20.4	1	1.6	14	—	—	114	—	22	17	12	8	1	0	1	0	1	3	0	3	1	0	4.36	134	—	—		
Cardiff ...	99	62	15.6	8.6	12.1	+1.2	20.5	2	1.0	14	13.3	14.2	120	105	30	17	12	10	0	—	—	—	—	0	0	1	0	—	4.12	—	S	—		
Monmouth																																		
Tredegar ...	99	313	14.1	7.1	10.6	—	22.0	2	0.4	14	—	—	125	68	59	18	13	12	2	0	0	0	0	8	0	3	—	1	3.58	—	—	—	—	
Newport ...	99	23	—	8.7	—	—	—	—	0.7	14	—	—	137	128	26	13	10	10	1	0	2	0	2	2	0	0	—	0	4.09	—	—	—	—	
Usk ...	99	21	16.9	6.8	11.9	—	23.3	2	-0.6	15	13.5	—	91	87	27	18	11	11	—	—	—	—	—	11	1	9	—	—	3.98	—	—	—	—	
Crumbland ...	99	245	14.2	7.6	10.9	—	20.2	2	-0.2	14, 15	11.8	12.7	92	85	20	13	12	10	1	1	0	0	2	6	2	4	—	0	4.69	—	—	—	—	
8b ENGLAND SW																																		
Somerset																																		
Hawkrigge ...	99	314	14.2	7.5	10.9	—	19.6	2	0.4	8	—	—	159	101	32	19	17	11	0	0	0	0	0	0	3	0	6	—	0	4.47	—	—	—	—
Nettlecombe ...	99	96	(16.4)	6.9	(11.6)	—	21.6	3	0.3	15	12.7	—	98	—	22	19	11	8	0	0	0	0	0	2	0	8	—	2	—	—	—	—	—	
Cannington ...	99	23	15.0	7.9	11.5	—	20.0	2	0.6	17	13.4	—	75	92	19	3	10	9	0	—	—	—	—	0	0	3	0	6	—	0	(4.46)	(134)	—	—
Weston-super-Mare	99	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Cricket Malherbie	99	76	(17.4)	7.4	(12.4)	—	21.6	2	-0.4	6	—	—	60	—	14	13	10	7	0	—	—	—	—	0	0	3	2	(6)	—	—	—	—	—	—
Cheddar ...	99	11	—	—	—	—	—	—	-0.6	8	(12.6)	—	69	—	17	15	9	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Yeovilton ...	21-9	18	17.1	7.4	12.3	—	21.8	2	-0.1	30	—	—	50	—	19	16	10	8	0	0	0	0	0	3	1	4	1	1	—	—	—	—	—	—
Rodney Stoke ...	99	40	16.1	6.9	11.5	—	21.8	4	1.0	14	13.1	13.9	70	—	17	13	10	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Long Ashton 15	99	49	16.2	7.3	11.7	+1.0	22.8	2	0.6	15	13.2	—	147	146	54	19	11	10	1	0	0	1	0	1	0	7	—	0	4.71	148	—	—	—	—
West Camel ...	99	27	17.3	(6.3)	(11.8)	—	22.2	1	-1.7	6	—	—	52	—	17	16	11	8	0	0	0	0	0	3	3	8	—	1	—	—	—	—	—	—
Wincanton ...	99	114	16.4	7.0	11.7	—	22.1	2	-0.5	30	—	—	56	—	19	16	8	7	0	0	0	0	0	12	1	5	—	1	—	—	—	—	—	—
Bath City Boys' School	99	118	15.8	7.9	11.9	—	21.1	2	1.7	14	13.4	—	92	111	19	13	10	8	0	0	0	0	0	3	0	—	—	0	—	—	—	—	S	—
Dorset																																		
Portland Bill	21-9	53	16.1	12.0	14.1	—	19.5	2	4.4	14	—	—	59	—	25	12	10	7	0	0	0	0	0	0	0	0	1	0	2	4.73	—	—	—	—
Coastguard ...	99	23	16.8	9.2	13.0	—	21.6	2	1.0	15	—	—	49	—	17	16	10	6	0	0	0	0	0	0	0	—	—	0	5.21	—	—	—	—	—
Weymouth ...	99	26	16.9	6.7	11.8	—	21.1	2	-1.3	6	—	—	57	—	22	16	10	5	—	—	—	—	—	—	5	3	6	—	—	—	—	—	—	—
Winfrith ...	99	207	15.5	7.3	11.4	+1.3	21.0	2	0.5	14	—	—	48	57	17	13	11	9	—	—	—	—	—	—	3	0	—	—	—	—	—	—	—	—
Shaftesbury ...	99	11	16.6	10.1	13.3	—	19.2	24	1.5	7	—	14.9	71	84	28	16	10	7	0	—	—	—	—	0	0	4	0	0	2	4.70	128	—	—	—
Swanage ...	99	8	16.8	8.2	12.5	—	20.7	2	1.6	8	13.7	15.0	45	50	19	16	8	5	0	0	0	0	0	5	0	1	—	0	4.83	130	—	—	—	—
Poole ...	99	8	16.8	8.2	12.5	—	20.7	2	1.6	8	13.7	15.0	45	50	19	16	8	5	0	0	0	0	0	5	0	1	—	0	4.83	130	—	—	—	—
Devon																																		
Virginstow ...	99	168	(16.2)	(7.9)	(12.1)	—	22.8	2	0.0	7	—	—	85	—	19	15	12	12	0	—	—	—	—	—	1	1	2	—	—	—	—	—	—	—
Hartland Point ...	21-9	91	15.0	10.6	12.8	—	21.1	1	4.6	15	—	—	44	42	15	19	10	8	0	0	0	0	0	0	0	0	0	4	5.02	146	—	—	—	—
Mount Batten ...	21-9	27	16.3	10.3	13.3	+1.4	21.9	2	2.9	30	—	—	69	71	28	15	8	7	0	0	0	1	1	1	0	3	0	2	4.69	128	—	—	—	—
Plymouth Hoe 15	99	36	16.2	10.0	13.1	+1.2	21.5	2	3.3	7	14.3	14.8	72	74	27	15	9	7	0	0	0	0	1	2	0	3	—	2	—	—	—	—	—	—
Tavistock ...	99	139	16.4	8.8	12.6	+1.7	23.2	2	0.0	7	—	13.5	92	67	31	15	14	10	0	0	0	1	0	0	2	—	1	—	—	—	—	—	—	—
Chivenor ...	21-9	6	16.9	9.5	13.2	+1.1	22.9	1	3.0	7	—	—	75	74	22	13	10	9	0	0	1	1	0	2	0	0	0	0	4.53	—	—	—	—	—
Ilfracombe ...	99	8	16.8	8.2	12.5	—	20.7	2	1.6	8	13.7	15.0	45	50	19	16	8	5	0	0	0	0	0	5	0	1	—	0	4.83	130	—	—	—	—
Totnes ...	99	84	(16.7)	8.3	(12.5)	—	20.6	11	-1.3	7	13.7	14.2	—	—	—	—	—	—	—	—	—	—	—	1	1	2	—	—	3.76	—	—	—	—	—
Cheldon Barton ...	21-9	163	15.4	7.9	11.7	—	19.6	1, 2	-0.5	8	12.9	—	70	—	17	15	13	11																

Table 3 Summary of daily observations

For meaning of symbols Ψ Φ \pm Σ used below see Notes in the Introduction.

OCTOBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1915-50 average	most in a day	precip'n 0.2mm or more	1.0mm or more	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																										
NORTHERN IRELAND — continued																																				
Londonderry — continued																																				
Garvagh Forest ...	99	88	14.3	7.1	10.7	—	19.2	2	-2.8	14	11.6	12.1	63	—	12	17	17	16	0	0	1	0	1	1	2	9	—	—	—	—	—	—	—	—		
Moneydig ...	21-9	34	14.3	7.3	10.8	+1.3	18.8	2	-4.3	14	12.6	—	51	45	11	17	18	14	0	0	0	0	0	1	3	9	3	0	—	—	—	—	—	—		
Traad Point ...	99	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Antrim																																				
Ballymoney ...	99	55	14.6	7.1	10.9	—	20.6	2	-2.2	14	—	—	35	—	7	17	16	12	0	—	0	0	1	—	1	—	—	—	—	—	—	—	—	—	—	
Lisnafillan ...	99	38	14.4	7.2	10.7	—	18.8	2	-3.6	14	—	—	70	—	13	17	14	14	0	0	0	0	0	1	2	6	—	—	2.95	—	—	—	—	—		
Aldergrove ...	21-9	68	14.3	8.8	11.5	+1.8	19.6	2	0.3	25	12.1	12.9	38	38	8	17	16	9	0	0	0	0	1	0	3	2	0	2.88	110	—	—	—	—	—		
Greenmount ...	99	32	14.6	8.4	11.5	—	19.7	2	-0.6	25	13.1	—	39	—	8	17	14	11	0	0	0	0	0	—	1	2	—	—	—	—	—	—	—	—		
Altnahinch ...	99	226	12.4	7.3	9.9	—	17.9	2	0.1	14	—	—	92	—	13	17	21	17	0	0	0	0	0	2	2	0	2	4	2.71	—	—	—	—	—	—	
Parkmore Forest ...	99	235	12.4	6.9	9.7	—	19.0	2	-1.8	14	11.2	—	102	59	14	17	20	17	0	0	0	0	0	3	2	5	0	—	—	—	—	—	—	—	—	
Black Mountain ...	21-9	295	12.2	7.1	9.7	—	18.0	2	-1.5	14	—	—	51	—	8	20	19	14	0	0	0	0	0	5	1	—	—	3	—	—	—	—	—	—	—	
Lowtown ...	99	271	12.4	7.1	9.7	—	18.9	2	-1.1	14	11.1	—	89	—	13	15,17	19	16	0	0	0	0	0	3	1	2	—	4	2.28	—	—	—	—	—	—	
Ballypatrick Forest ...	99	152	13.4	7.8	10.6	—	19.6	2	-1.8	14	—	—	68	50	10	17	20	16	0	0	0	0	2	1	2	—	1	2.70	—	—	—	—	—	—	—	
Belfast Malone ...	99	35	14.6	8.2	11.4	—	20.3	2	-0.6	25	12.3	—	49	—	8	17	17	13	0	—	0	0	0	2	2	1	—	—	—	—	—	—	—	—	—	
Newtownabbey ...	99	32	14.8	9.6	12.2	—	19.8	2	4.1	25	12.6	—	47	—	10	20	15	13	0	0	0	0	1	0	2	—	0	2.83	—	—	—	—	—	—	—	
Woodburn North ...	99	217	12.9	7.3	10.1	—	18.3	2	-1.1	14	—	—	71	54	12	17	17	13	0	0	0	0	0	3	1	3	—	0	—	—	—	—	—	—	—	
Larne ...	99	43	14.9	8.3	11.6	—	20.5	2	0.7	14	—	—	57	49	10	20	18	15	0	0	0	0	0	0	0	—	—	0	—	—	—	—	—	—	—	
Kilroot ...	99	22	14.7	8.8	11.7	—	20.0	2	1.1	14	—	—	43	—	10	17	15	12	0	0	0	0	0	0	0	2	—	—	—	—	—	—	—	—	—	
Ballylumford ...	99	24	14.7	9.4	12.1	—	19.6	2	3.3	14	—	—	44	—	8	15	16	12	0	—	0	0	0	—	0	2	—	—	—	—	—	—	—	—	—	
Down																																				
Hillsborough ...	99	116	13.9	8.4	11.1	+1.6	19.7	2	-0.5	14	12.2	12.5	47	50	6	18	15	12	0	0	0	1	0	1	1	2	—	0	3.25	119	—	—	—	—	—	
Kilkeel ...	21-9	18	14.7	10.0	12.3	+1.9	19.7	7	2.2	14	—	—	21	—	5	28	14	10	0	0	0	0	0	0	1	0	0	3.30	—	—	—	—	—	—	—	—
Tollymore Park ...	99	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Rosetta ...	99	24	14.9	8.7	11.8	—	20.1	2	-0.2	14	—	—	43	—	7	20	13	12	0	—	0	0	0	0	1	—	—	—	—	—	—	—	—	—	—	
Murlough ...	99	9	15.3	8.3	11.8	—	21.0	7	-4.3	14	12.1	12.4	54	—	22	15	14	9	0	0	0	0	0	1	2	3	—	5	3.72	—	—	—	—	—	—	
Belfast Rosebank ...	99	47	14.8	8.9	11.9	—	20.5	2	0.6	14	—	—	47	—	7	20	14	11	—	0	—	—	—	—	0	—	—	—	—	—	—	—	—	—	—	
Stormont Castle ...	99	56	14.9	8.7	11.8	—	20.2	2	2.3	14	12.3	13.0	39	40	7	20	13	11	0	0	0	0	0	1	0	1	—	0	3.17	—	—	—	—	—	—	
Downpatrick ...	99	26	14.9	8.9	11.9	—	20.0	2	0.0	14	—	—	41	—	9	17	13	8	0	—	0	0	0	4	0	3	—	0	—	—	—	—	—	—	—	
Creightons Green ...	99	119	13.8	8.7	11.3	—	18.9	2	0.6	14	—	—	51	—	9	16	16	11	0	0	0	0	1	0	2	—	1	—	—	—	—	—	—	—	—	
Reagh Island ¹⁰ ...	99	12	14.8	9.3	12.1	—	19.4	2	2.1	14	—	—	25	—	5	20	12	10	0	—	0	0	0	0	0	—	—	3.31	—	—	—	—	—	—	—	
Helens Bay ...	99	43	14.4	9.2	11.8	—	19.5	7	2.1	14	—	—	39	—	8	16	16	10	0	0	0	0	2	0	2	—	0	3.44	—	—	—	—	—	—	—	
Killough ...	21-9	15	14.3	9.8	12.1	—	19.1	22	1.7	14	—	—	34	—	9	15	17	6	0	0	0	0	1	0	2	0	2	—	—	—	—	—	—	—	—	
Ballywalter Park ...	—	11	—	—	—	—	—	—	—	—	—	—	29	33	6	20	12	8	—	—	—	—	—	—	—	—	—	3.26	—	—	—	—	—	—	—	
Armagh																																				
Armagh ...	99	62	14.7	8.2	11.5	+1.6	20.9	7	-2.3	14	13.4	14.1	38	44	6	17	13	11	0	0	0	0	0	2	2	3	—	1	2.83	103	—	—	—	—	—	
Loughgall ...	99	25	14.7	8.0	11.3	—	20.3	7	-2.5	14	—	—	38	48	5	10,16	15	10	0	0	0	0	0	3	3	9	—	0	3.14	—	—	—	—	—	—	—
Tandragee ...	99	43	15.1	7.9	11.5	—	20.4	2	-3.5	14	—	—	41	—	6	17	17	11	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—
Bessbrook ...	—	76	—	—	—	—	—	—	—	—	—	—	57	55	9	15	17	14	—	—	—	—	—	—	—	—	—	3.12	110	—	—	—	—	—	—	
Portadown ...	99	16	15.3	8.1	11.7	—	20.8	2	-3.0	14	12.9	13.8	36	—	6	19	15	8	0	—	0	0	0	—	2	7	—	—	—	—	—	—	—	—	—	
Lurgan ...	99	55	14.9	8.1	11.5	—	20.3	2	-2.6	14	12.6	13.6	33	—	5	17	14	11	—	—	—	—	—	2	6	—	—	3.00	—	—	—	—	—	—	—	—
Tyrone																																				
Lough Bradan ...	99	169	13.5	6.9	10.2	—	18.9	7	-0.9	14, 25	—	—	127	—	29	10	21	19	—	0	—	—	—	1	2	5	—	—	3.08	—	—	—	—	—	—	—
Baronscourt Forest ...	99	88	14.3	7.7	11.0	—	19.6	2	-3.5	14	12.0	12.6	88	—	19	17	18	16	0	0	0	0	0	3	2	5	—	0	—	—	—	—	—	—	—	—
Strabane Convent ...	99	44	15.1	8.0	11.5	—	21.0	2	-2.5	14	—	—	77	—	12	17	20	16	1	0	1	0	1	2	4	—	4	3.47	—	—	—	—	—	—	—	—
Carrigans ...	21-9	113	14.1	7.8	10.9	—	19.6	1	-2.5	25	—	—	74	—	12	20	20	16	0	0	0	0	1	1	2	4	2	0	—	—	—	—	—	—	—	—
Lislap Forest ...	99	209	13.7	7.0	10.3	—	18.8	3	-0.8	14	11.7	—	72	53	11	20	19	15	0	0	0	0	0	1	5	—	0	—	—	—	—	—	—	—	—	—
Knockmany Forest ...	99	73	14.5	6.6	10.5	—	19.4	7	-4.0	14	—	—	74	70	15	19	15	12	0	0	1	0	1	1	4	8	—	—	—	—	—	—	—	—	—	
Pomeroy Forest ...	99	165	13.6	7.6	10.6	—	18.4	7	1.1	14	12.1	—	67	—	14	17	17	13	0	0	0	0	0	1	0	7	—	0	—	—	—	—	—	—	—	
Cookstown ...	99	77	14.3	7.8	11.1	—	19.2	7	-1.7	14	11.9	—	55	54	13	17	16	12	0	—	0	0	0	1	1	8	—	—	2.80	—	—	—	—	—	—	—
Fermanagh																																				
Roscor ...	99	143	14.0	7.6	10.8	—	19.8	2	-0.5	25	—	—	93	73	21	19	21	14	0	0	0	0	2	1	1	9	—	0	—	—	—	—	—	—	—	
Lough Navar Forest ...	99	148	14.0	6.7	10.3	—	19.5	7, 22	-3.7	14	—	—	91	—	25	19	18	15	0	0	1	0	1	0	2	—	1	—	—	—	—	—	—	—	—	
Castle Archdale ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—														

⁹ Sunshine figures for University roof.

¹⁰ Sunshine figures are for Cross Island

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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)	22-33	11-21	1-10	0
number of observations																																										
0 SCOTLAND N																																										
Lerwick [Zetland] 11																																										
83	3	1012.7	—	8.0	—	—	—	5.5	3	4	5	7	12	0	0	0	0	0	0	0	1	0	2	5	14	9	0	6	12	13	0	4	0	0	8	7	9	3				
	9	1012.6	+3.5	8.6	—	—	—	5.7	1	4	4	19	3	0	0	0	0	0	0	0	0	6	5	5	12	8	1	8	9	11	2	1	1	1	0	11	6	5	4			
	15	1012.2	—	—	—	—	—	—	0	3	8	12	8	0	0	0	0	0	0	0	0	6	9	8	8	8	2	6	15	7	1	1	0	1	7	11	5	4				
	21	1012.8	—	8.0	1.0	9.5	87	4.9	2	8	3	12	6	0	0	0	0	0	0	0	2	2	9	12	8	2	6	15	10	2	3	0	0	0	4	13	6	5				
Kirkwall [Orkney]																																										
26	3	1013.8	—	8.3	0.9	9.8	88	4.3	0	12	4	11	4	0	0	0	0	0	0	0	0	4	23	4	0	8	14	9	0	0	0	1	1	13	5	10	1					
	9	1013.9	+4.4	9.6	1.2	10.3	84	6.0	1	3	3	18	6	0	0	0	0	0	0	0	0	6	15	9	1	9	13	7	1	1	0	0	4	10	6	9	0					
	15	1013.5	—	10.6	1.6	10.3	79	5.8	0	5	4	13	9	0	0	0	0	0	0	0	4	5	14	8	0	7	20	4	0	1	0	0	5	9	8	5	3					
	21	1014.1	—	8.7	0.9	10.1	88	4.0	4	9	5	10	3	0	0	0	0	0	0	2	5	18	6	0	6	20	5	0	0	1	0	2	11	9	7	3	1					
Wick [Caithness]																																										
37	3	1014.4	—	8.6	1.0	9.8	86	3.6	3	7	11	10	0	0	0	0	0	0	0	0	2	12	16	0	0	16	15	0	0	0	0	1	1	10	9	9	1					
	9	1014.4	+4.4	9.7	1.5	10.0	82	5.3	1	5	5	17	3	0	0	0	0	0	0	0	3	14	14	0	0	16	16	0	1	0	0	4	9	6	9	2						
	15	1013.8	—	11.3	2.2	10.0	74	5.2	1	3	9	15	3	0	0	0	0	0	0	2	2	8	19	0	2	16	13	0	1	1	0	1	10	4	11	3						
	21	1014.7	—	9.2	1.2	10.0	84	4.2	2	9	8	10	2	0	0	0	0	0	1	2	11	17	0	1	10	20	0	0	0	1	2	12	7	9	0							
Cape Wrath* [Sutherland]																																										
113	3	1012.5	—	9.7	1.7	9.6	78	5.4	0	6	7	10	7	1	0	0	0	1	1	0	1	0	5	23	2	6	6	14	3	0	0	1	2	5	13	5	2					
	9	1012.6	—	9.8	1.7	9.7	78	6.1	0	2	6	16	6	1	0	0	1	0	0	1	4	4	21	2	5	4	18	2	0	1	1	4	4	12	5	2						
	15	1012.3	—	10.6	1.7	10.2	78	5.8	0	3	9	10	9	0	0	0	0	0	0	4	4	4	19	4	8	6	12	1	0	1	1	3	4	11	8	2						
	21	1012.9	—	9.9	1.5	10.0	80	5.1	1	5	11	9	3	2	0	0	0	1	0	0	0	3	25	2	6	5	17	1	0	1	0	2	2	15	7	3						
Stornoway [Ross & Cromarty]																																										
5	3	1013.7	—	9.1	0.8	10.6	89	4.7	2	8	5	8	8	0	0	0	0	0	0	0	3	11	12	5	1	4	14	8	4	1	0	1	14	7	3	0						
	9	1013.3	+3.7	10.2	0.9	11.3	89	5.8	1	3	7	9	11	0	0	0	0	0	0	1	6	6	7	11	1	8	13	8	1	0	1	1	2	15	4	5	2					
	15	1013.4	—	11.6	1.5	11.3	82	5.6	0	5	5	15	6	0	0	0	0	0	0	5	5	11	10	0	6	20	5	0	1	1	0	0	10	12	4	3						
	21	1014.1	—	9.7	0.8	11.0	89	4.2	4	7	7	5	8	0	0	0	0	0	0	4	8	16	3	0	7	14	8	2	0	0	1	2	13	7	4	2						
Benbecula [Inverness-shire]																																										
7	3	1013.5	—	10.4	0.9	11.3	87	5.3	3	5	3	11	9	0	0	0	0	0	0	4	12	9	6	1	7	11	10	2	1	0	2	3	8	8	7	0						
	9	1013.6	+3.9	10.8	1.0	11.5	87	5.8	0	7	1	16	7	0	0	0	0	1	0	2	3	10	9	6	1	8	18	3	1	1	0	2	3	8	6	9	1					
	15	1013.9	—	11.8	1.3	11.8	84	5.6	0	5	7	12	7	0	0	0	0	1	0	2	2	10	8	8	0	8	18	5	0	1	0	2	0	9	9	0						
	21	1014.6	—	10.7	0.9	11.5	87	5.6	1	6	3	12	9	0	0	0	0	1	2	3	7	9	9	0	7	14	10	0	1	1	1	2	9	9	5	3						
1 SCOTLAND E																																										
Kinloss [Moray]																																										
6	3	1015.5	—	8.8	1.4	9.6	82	4.8	2	6	8	8	7	0	0	0	0	0	0	1	6	16	8	0	0	12	19	0	0	0	2	5	9	11	4	0						
	9	1015.5	+5.0	9.9	1.8	9.8	78	5.4	1	3	7	17	3	0	0	0	0	0	0	3	1	8	19	0	0	17	13	0	0	0	2	1	11	14	2	1						
	15	1015.0	—	12.8	2.8	10.2	68	5.2	1	3	10	14	3	0	0	0	0	0	0	3	4	4	20	0	4	18	9	0	1	2	1	1	6	13	4	3						
	21	1016.0	—	9.8	1.6	9.8	78	4.5	2	7	7	13	2	0	0	0	0	0	0	1	4	12	14	0	2	10	18	1	0	0	2	0	13	12	2	1						
Dyce [Aberdeenshire]																																										
59	3	1016.6	—	8.3	1.1	9.7	86	3.9	5	11	1	10	4	0	0	0	0	0	0	2	7	11	11	0	1	9	18	3	2	0	0	0	10	6	8	2						
	9	1016.8	+5.3	9.9	1.5	10.1	81	5.0	0	7	6	16	2	0	0	0	0	0	1	1	7	17	5	0	2	12	15	2	0	2	0	2	13	4	7	1						
	15	1016.1	—	12.5	2.5	10.6	71	5.3	0	5	8	14	4	0	0	0	0	0	0	4	3	8	16	0	3	18	10	0	1	1	0	1	13	6	6	3						
	21	1017.1	—	8.7	1.1	9.9	85	4.0	4	10	3	14	4	0	0	0	0	0	1	1	9	12	8	0	0	12	16	3	2	0	0	1	12	6	7	0						
Fraserburgh [Aberdeenshire]																																										
22	3	1016.1	—	9.9	1.3	10.4	84	3.7	2	13	6	5	5	0	0	0	0	0	0	3	12	15	1	0	2	17	12	0	1	0	1	0	13	7	6	3						
	9	1016.2	+5.5	10.2	1.3	10.5	83	5.5	0	4	7	15	5	0	0	0	0	0	0	1	9	19	2	0	0	15	16	0	2	1	0	0	16	2	9	1						
	15	1015.8	—	12.1	2.0	11.0	77	5.4	0	2	11	13	5	0	0	0	0	0	0	2	6	21	2	1	3	15	12	0	2	0	2	0	12	1	11	3						
	21	1016.5	—	10.3	1.4	10.4	81	3.9	2	11	7	8	3	0	0	0	0	0	0	3	12	15	1	0	0	15	16	0	3	1	0	0	16	4	6	1						
Usan [Angus]																																										
35	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	9	1017.8	—	10.4	1.0	11.2	86	5.4	0	5	8	12	6	0	0	0	0	0	0	3	6	6	16	0	2	13	15	1	3	0	1	0	4	13	6	3						
	15	1017.2	—	12.5	1.7	11.9	81	4.9	0	5	11	12	3	0	0	0	0	0	0	3	1	8	19	0	3	17	11	0	2	1	1	1	7	12	7	0						
	21	1018.2	—	10.0	0.9	11.2	89	3.1	6	12	4	5	4	0	0	0	0	0	0	2	1	10	18	0	2	15	14	0	1	0	1	0	3	12	10	4						
Leuchars [Fife]																																										
12	3	1017.4	—	8.2	0.8	10.2	90	4.2	4	7	6	10	4	0	0	1	0	0	1	3	13	10	3	1	0	9	17	4	0	1	0	2	3	15	6	0						
	9	1017.7	+5.8	9.7	1.0	10.7	86	5.6	0	6	6	12	6	1	0	2	0	0	0	6	6	9	8	0	1	14	15	1	2	0	2	1	4	12	9	0						
	15	1017.0	—	13.0	2.4	11.1	73	5.3	0	7	6	14	4	0	0	0	0	0	0	3	10	13	5	0	4	18	8	1	0	0	3	3	1	17	4	2						
	21	1018.1	—	8.8	1.0	10.2	87	4.0	2	10	7	8	4	0	0	1	0	0	0	3	10	14	3	0	3	8	19	1	1	2	0	1	2	17	4	3						
Turnhouse [Midlothian]																																										
44	3	1017.9	—	8.9	1.1	10.3	87	4.3	5	7	3	13	3	0	0	0	1	1	1	2	15	10	1	1	0	12	9	9	0	1	1	0	6	14	0	0						
	9	1018.1	+5.7	9.7	1.2	10.6	84	5.8	1	5	2	16	6	1	0	1	0	0	1	3	4	16	5	1	0	15	12	3	1	1	2	3	4	14	3	0						
	15	1017.5	—	13.0	2.4	11.1	73	5.5	1	6	2																															

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

OCTOBER, 1971

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	22-33	11-21	1-10									0					
																																						speed (kt)				
																																						number of observations				
6a SCOTLAND W —continued																																										
Prestwick [Ayrshire]																																										
21	3	1018.3	—	9.4	0.8	10.9	89	5.4	5	3	3	8	12	0	0	0	0	0	0	1	5	15	8	2	0	3	10	15	3	0	2	2	7	4	8	4	1					
	9	1018.4	+5.9	10.4	1.0	11.3	86	6.3	0	5	2	10	14	0	0	0	0	0	0	2	10	12	5	2	0	1	12	17	1	0	0	3	5	6	12	3	1					
	15	1018.2	—	12.9	2.1	11.4	75	5.3	1	6	7	9	8	0	0	0	0	0	0	0	10	8	10	3	0	4	11	16	0	2	1	0	5	4	8	11	0					
	21	1019.0	—	10.1	1.1	11.1	87	5.2	5	3	3	11	9	0	0	0	0	0	0	1	5	16	6	3	0	1	9	18	3	0	1	5	3	8	6	5	0					
Eskdalemuir [Dumfriesshire] ¹²																																										
237	3	1019.8	—	7.5	0.6	10.0	92	5.5	6	2	2	7	13	1	0	0	3	0	2	3	10	8	5	0	0	1	6	15	9	2	1	0	1	8	7	2	1					
	9	1019.7	+6.7	8.8	0.6	10.7	91	6.1	1	6	0	7	17	0	0	0	0	0	1	5	12	8	5	0	0	2	11	14	4	0	1	1	1	4	15	1	1					
	15	1018.8	—	11.2	1.6	11.2	82	5.7	2	5	3	10	11	0	0	0	0	0	3	3	6	7	11	1	0	3	14	14	0	0	4	1	3	5	15	3	0					
	21	1020.3	—	8.1	0.6	10.5	93	5.1	5	4	4	4	14	0	0	0	1	2	2	2	8	10	6	0	0	3	9	9	10	2	1	1	0	6	10	1	0					
Mull of Galloway [Wigtownshire]																																										
79	3	1018.3	—	11.5	1.1	11.9	86	4.8	9	3	0	6	12	1	0	1	0	0	0	0	3	6	11	10	3	11	14	3	0	1	0	4	2	11	11	2	0					
	9	1018.3	—	11.7	1.1	12.0	85	5.8	0	5	3	13	10	0	0	0	0	0	0	0	5	7	13	6	3	14	12	2	0	1	0	5	2	12	10	1	0					
	15	1018.3	—	12.7	1.7	11.9	79	5.3	2	6	5	8	10	0	0	0	0	0	0	0	7	7	12	5	3	11	13	2	2	2	0	2	3	8	12	2	0					
	21	1018.5	—	11.9	1.3	11.9	84	4.5	8	4	4	2	11	2	0	0	2	0	0	0	5	5	11	8	4	8	16	2	1	2	1	1	3	12	9	2	0					
6b ISLE OF MAN																																										
Ronaldsway																																										
21	3	1019.9	—	11.9	1.1	12.2	86	6.0	2	2	7	6	14	0	0	0	0	0	0	0	10	9	8	4	0	1	18	12	0	4	0	3	2	9	12	1	0					
	9	1020.2	+6.4	12.6	1.4	12.4	83	6.2	0	2	6	14	9	0	0	0	0	0	0	2	5	11	5	8	0	3	19	9	0	2	0	5	2	8	14	0	0					
	15	1019.9	—	13.4	1.9	12.3	78	5.1	1	7	5	12	6	0	0	0	0	0	0	1	7	9	6	8	1	2	19	9	0	0	0	5	2	8	12	2	2					
	21	1020.5	—	12.3	1.3	12.1	83	5.5	3	2	8	8	10	0	0	0	0	1	0	1	8	8	6	7	0	4	15	11	1	3	0	4	3	9	9	2	0					
Point of Ayre																																										
9	3	1019.4	—	11.8	1.2	12.0	85	4.2	5	7	6	6	6	1	0	0	0	1	0	0	1	9	6	14	0	1	20	8	2	0	2	2	3	6	11	5	0					
	9	1019.5	—	12.3	1.3	12.2	84	5.5	0	3	8	16	4	0	0	0	0	0	0	0	3	8	12	8	0	2	18	11	0	0	1	3	4	3	14	5	1					
	15	1019.4	—	14.0	2.2	12.3	75	4.5	1	9	9	6	6	0	0	0	0	0	0	1	3	9	8	10	0	3	17	10	1	2	0	3	5	2	12	6	0					
	21	1019.9	—	12.1	1.5	11.9	82	4.0	6	7	7	6	5	0	0	0	0	0	1	1	2	7	8	12	0	2	16	6	7	2	1	1	4	6	5	0						
2 ENGLAND NE																																										
Acklington [Northumberland]																																										
46	3	1019.4	—	8.5	0.7	10.4	90	4.3	5	7	4	8	7	0	0	0	0	1	1	0	6	11	7	5	0	2	5	22	2	1	1	0	0	4	8	12	3					
	9	1019.5	+6.7	9.9	1.1	10.7	86	5.6	1	6	2	16	6	0	0	0	0	1	2	2	8	8	7	3	0	2	12	13	4	1	0	1	1	7	5	9	3					
	15	1018.9	—	13.1	2.2	11.6	76	5.4	1	4	7	13	6	0	0	0	0	0	0	7	12	5	7	0	3	11	17	0	3	0	3	0	5	6	11	0						
	21	1020.0	—	9.3	0.9	10.8	89	4.5	5	6	5	8	7	0	0	0	0	0	0	3	8	9	9	2	0	3	6	21	1	1	1	0	0	8	6	12	2					
Tynemouth [Northumberland]																																										
40	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	9	1020.2	+7.0	11.0	1.5	10.9	82	5.5	2	3	8	13	5	0	0	0	0	0	4	6	9	6	6	0	0	3	15	12	1	0	1	1	0	8	10	7	3					
	15	1019.6	—	13.6	2.3	11.8	75	5.5	1	3	8	14	5	0	0	0	0	1	1	0	7	11	11	0	0	3	17	11	0	3	2	0	3	5	3	15	0					
	21	1020.6	—	11.6	1.5	11.4	82	4.1	8	5	4	6	8	0	0	0	0	0	0	4	4	9	14	0	0	3	13	12	3	3	0	2	2	8	6	7	0					
Seahouses [Northumberland]																																										
12	3	1018.8	—	10.0	1.3	10.6	83	4.4	4	5	8	9	5	0	0	0	0	0	0	6	7	10	8	0	1	10	20	0	2	1	0	1	7	9	11	0						
	9	1019.0	—	10.7	1.5	10.7	81	4.9	1	7	7	12	4	0	0	0	0	0	2	7	7	8	7	1	4	6	19	1	1	1	1	1	9	7	8	2						
	15	1018.4	—	13.3	2.4	11.4	73	5.1	0	6	9	10	6	0	0	0	0	0	0	7	7	6	11	1	4	14	12	0	2	4	0	3	4	5	13	0						
	21	1019.5	—	10.5	1.4	10.6	82	3.8	5	9	6	3	8	0	0	0	0	0	1	5	6	11	8	1	1	11	18	0	2	2	0	1	8	6	12	0						
Leeming [Yorkshire N.R.]																																										
33	3	1021.1	—	9.0	0.9	10.5	89	4.9	5	6	1	9	7	3	1	1	1	1	3	0	8	8	3	5	0	1	7	17	6	1	2	0	0	8	8	5	1					
	9	1021.5	+7.4	9.7	1.1	10.7	86	5.7	1	6	2	11	9	2	0	2	0	1	1	4	7	6	5	5	0	2	6	20	3	3	0	1	0	13	3	7	1					
	15	1020.7	—	14.1	2.8	11.4	70	5.0	3	5	5	14	4	0	0	0	1	1	0	3	12	6	8	0	0	16	15	0	2	2	1	5	5	11	0	0						
	21	1021.8	—	10.2	1.3	10.7	85	4.8	8	2	4	5	11	1	1	0	0	2	2	2	5	9	8	2	0	1	3	21	6	3	1	1	2	8	7	3	0					
Whitby Coastguard [Yorkshire N.R.]																																										
66	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	9	1020.9	—	11.0	0.6	12.3	92	4.9	0	4	14	10	3	0	0	0	0	0	1	6	17	7	0	0	3	15	13	0	2	1	1	1	10	15	1	0						
	15	1020.2	—	13.7	1.5	13.2	83	5.2	1	3	10	14	2	1	1	0	0	0	0	2	1	14	13	0	0	3	18	8	2	0	3	2	3	4	11	5	1					
	21	1021.1	—	10.7	0.7	12.0	91	3.7	6	8	6	3	8	0	0	0	0	0	1	0	6	22	2	0	0	3	12	14	2	2	1	1	0	10	15	0	0					
Kilnsea [Yorkshire E.R.]																																										
16	3	1021.6	—	11.0	1.0	11.7	88	4.1	5	8	6	3	9	0	0	0	0	0	4	9	18	0	0	0	8	15	7	1	0	4	1	3	3	7	11	1						
	9	1022.1	+7.9	11.6	1.3	11.7	85	4.8	4	3	10	7	5	2	0	1	1	0	1	4	6	18	0	0	0	10	11	9	1	0	4	2	1	6	11	6	0					
	15	1021.3	—	14.0	2.2	12.3	76	5.1	3	2	11	10	5	0	0	0	0	0	1	1	6	23	0	0	0	9	17	5	0	1	2	4	2	6	5	11	0					
	21	1022.1	—	11.9	1.3	11.9	84	3.9	8	4	7	2	10	0	0	0	0	0	1	1	11	18	0	0	0	8	17	6	0	2	1	6	0	8	4	10	0					
Waddington [Lincolnshire]																																										
69	3	1022.2	—	9.4	0.7	11.0	91	4.2	8	6	2	4	10	1	0	1	1	3	3	7	12	3	0	0	0	0	11	20	0	2	4	1	1	5	16	2	0					
	9	1022.6	+7.7	10.6	1.1	11.3	87	5.5	2	4	5	10	9	1	0	2	0	0	5	6	9	7	1	0	2	14	15	0	0	3	2	4	6	13	2	1						
	15	1021.8																																								

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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)					
																																						22-33	11-21	1-10	0		
number of observations																																											
3 ENGLAND E - continued																																											
Wattisham [Suffolk]																																											
91	3	1023.5	—	9.0	0.6	10.8	92	4.0	8	6	3	3	11	0	0	1	0	4	1	8	4	8	5	0	0	0	7	22	2	2	4	1	0	7	9	6	0						
	9	1024.0	—	11.0	1.0	11.7	88	5.4	3	5	2	8	9	3	0	3	1	2	1	5	7	4	7	1	0	1	10	20	0	2	3	2	3	6	8	7	0						
	15	1023.0	—	14.3	2.9	11.4	69	4.6	4	7	4	11	5	0	0	0	0	0	0	0	2	12	8	6	3	0	1	14	16	0	1	5	1	2	6	6	9	1					
	21	1024.2	—	10.0	1.1	10.7	85	3.3	9	7	6	1	8	0	0	0	0	0	0	0	7	10	8	5	1	0	0	7	24	0	2	3	3	1	7	8	6	1					
Aldeburgh [Suffolk]																																											
9	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	9	1023.8	—	—	—	—	—	5.3	3	5	4	9	8	2	0	2	0	1	2	2	8	16	0	0	0	4	11	14	2	0	4	3	1	3	9	8	1						
	15	1023.0	—	—	—	—	—	4.1	8	4	4	9	6	0	0	0	1	0	2	11	17	0	0	1	2	14	13	1	1	4	2	2	6	10	5	0							
	21	1023.8	—	—	—	—	—	2.7	16	3	3	1	8	0	0	0	0	2	0	10	18	1	0	2	2	12	11	4	0	4	2	2	3	7	7	2							
Wytton [Huntingdonshire]																																											
43	3	1022.9	—	9.3	0.7	11.0	91	4.4	9	3	3	7	9	0	0	1	0	3	6	2	10	4	5	0	0	0	6	23	2	4	3	1	1	6	13	0	1						
	9	1023.5	—	10.6	1.0	11.6	88	5.3	3	4	5	9	7	3	0	1	1	2	4	1	12	7	3	0	0	2	7	20	2	1	6	2	1	8	11	0	0						
	15	1022.7	—	15.0	3.1	11.6	68	4.9	3	5	7	10	6	0	0	0	0	0	0	2	6	12	8	3	0	0	14	16	1	1	4	1	2	5	15	2	0						
	21	1023.6	—	10.6	1.2	11.1	85	3.8	10	3	5	6	7	0	0	0	0	3	4	8	12	4	0	0	0	10	18	3	0	6	0	3	3	14	1	1							
Cardington [Bedfordshire]																																											
29	3	1023.3	—	8.2	0.4	10.7	95	4.5	10	2	2	4	13	0	0	1	1	2	8	4	8	5	2	0	0	2	4	21	4	4	4	0	2	4	12	0	1						
	9	1023.9	+8.5	10.6	0.7	11.7	91	4.8	4	5	5	8	9	0	0	1	0	0	4	7	11	6	2	0	0	1	7	20	3	3	4	1	2	6	10	2	0						
	15	1022.9	—	15.1	3.1	11.8	68	4.8	2	7	6	10	6	0	0	0	0	0	0	1	12	6	11	1	0	0	13	18	0	1	5	2	1	5	15	2	0						
	21	1024.0	—	9.7	0.8	11.1	91	3.7	10	4	3	6	8	0	0	0	0	2	5	14	8	2	0	0	0	8	22	1	0	7	1	1	5	15	1	0							
Stansted [Essex]																																											
102	3	1023.2	—	8.9	0.5	10.8	92	3.7	13	0	5	4	8	1	0	2	1	2	2	6	7	5	0	0	0	5	22	4	1	5	1	1	4	13	2	0							
	9	1023.8	+8.0	10.9	0.9	11.7	89	5.0	3	8	2	8	7	3	0	2	0	3	2	7	7	6	3	1	0	0	6	24	1	1	4	1	4	5	11	4	0						
	15	1022.7	—	14.8	3.1	11.4	67	4.2	5	6	5	12	3	0	0	0	0	0	0	2	6	13	7	3	0	0	15	16	0	1	5	2	3	3	11	6	0						
	21	1024.0	—	9.9	1.0	10.9	88	3.2	10	6	6	4	5	0	0	0	0	0	0	10	6	8	6	1	0	0	5	25	1	1	5	3	2	4	14	1	0						
Shoeburyness [Essex]																																											
5	9	1024.1	+8.1	12.6	1.3	12.4	84	5.2	3	5	2	12	7	2	1	1	0	1	1	5	7	8	4	3	0	1	12	17	1	4	2	2	1	6	10	5	0						
	15	1023.1	—	15.5	2.9	12.5	70	4.0	7	6	4	9	5	0	0	0	0	0	1	3	11	9	3	4	0	1	16	13	1	1	3	6	2	2	8	8	0						
	21	1024.2	—	11.8	1.2	11.9	85	3.5	8	7	5	5	6	0	0	0	0	1	2	3	10	5	7	3	0	3	13	15	0	1	2	3	4	3	11	6	1						
Walton-on-Naze [Essex]																																											
8	3	1023.7	—	11.3	0.9	12.0	89	4.1	10	2	5	2	11	1	1	0	0	1	0	4	12	13	0	0	0	1	12	14	4	0	3	2	1	3	5	11	2						
	9	1024.4	—	12.6	1.2	12.7	86	5.5	4	2	5	8	8	4	2	1	0	2	0	4	10	12	0	0	0	3	14	9	5	0	3	2	2	4	5	10	0						
	15	1023.5	—	14.8	1.9	13.5	79	4.0	8	4	5	7	7	0	0	0	0	1	1	4	10	15	0	0	0	2	14	13	2	1	3	3	1	6	8	6	1						
	21	1024.3	—	12.2	1.2	12.2	85	2.4	16	2	7	1	5	0	0	0	0	1	0	2	14	14	0	0	1	1	12	14	3	1	2	3	2	3	4	12	1						
4 MIDLAND COUNTIES																																											
Huddersfield Oaks [Yorkshire W.R.]																																											
235	3	1021.3	—	8.1	0.8	9.9	89	4.5	8	1	8	4	10	0	0	2	0	3	2	3	10	9	2	0	1	1	8	18	3	4	1	0	1	6	5	9	2						
	9	1021.9	+7.6	10.2	1.1	10.9	86	5.5	2	4	6	10	9	0	0	0	0	3	2	3	9	11	3	0	0	1	12	17	1	2	4	1	1	2	11	9	0						
	15	1021.3	—	12.6	2.2	10.9	74	5.5	2	6	2	11	10	0	0	0	0	1	2	1	4	16	7	0	0	2	11	16	2	1	1	6	0	2	7	12	0						
	21	1022.2	—	9.1	0.7	10.6	90	4.2	7	5	5	6	8	0	0	0	0	2	0	2	5	17	5	0	0	3	8	14	6	3	3	1	1	9	7	0							
Watnall [Nottinghamshire]																																											
119	3	1022.4	—	8.6	0.4	10.8	94	4.6	9	1	5	5	6	5	0	3	2	1	4	5	9	5	2	0	0	1	4	24	2	5	2	1	2	3	14	2	0						
	9	1022.9	+7.9	10.1	0.8	11.4	90	5.6	4	3	3	8	11	2	0	2	0	1	3	10	13	2	0	0	0	0	9	22	0	2	4	2	3	4	15	1	0						
	15	1021.9	—	14.0	2.5	11.8	73	4.9	2	8	3	14	4	0	0	0	1	0	1	9	13	4	3	0	0	0	17	13	1	1	4	2	0	6	16	1	0						
	21	1023.1	—	9.8	0.8	11.1	90	3.9	8	6	4	6	7	0	0	0	1	2	5	18	4	1	0	0	0	8	19	4	3	4	2	0	4	12	2	0							
Finningley [Nottinghamshire]																																											
14	3	1021.8	—	8.8	0.6	10.7	92	3.5	11	4	5	4	6	1	1	1	2	1	4	9	4	5	3	0	0	6	22	3	3	2	1	1	11	8	1	1							
	9	1022.3	+7.9	10.6	1.0	11.3	87	5.2	3	5	4	12	5	2	1	1	0	2	2	12	10	2	0	0	0	7	24	0	5	2	0	3	12	6	3	0							
	15	1021.4	—	14.9	3.0	11.8	69	5.5	4	3	3	13	8	0	0	0	1	1	1	7	6	14	1	0	0	13	16	2	2	2	3	2	3	7	9	1							
	21	1022.4	—	10.4	1.0	11.2	87	4.1	9	3	5	5	9	0	0	0	2	0	3	14	7	5	0	0	0	9	16	6	3	0	3	1	7	7	3	1							
Wittering [Northamptonshire]																																											
67	3	1022.6	—	8.9	0.6	10.8	92	4.1	11	2	3	4	11	0	0	0	6	3	5	6	8	3	0	0	1	6	24	0	3	3	3	0	3	11	7	1							
	9	1023.2	+8.0	10.7	1.0	11.4	87	5.0	3	7	4	7	9	1	0	1	0	2	4	4	8	5	5	2	0	1	10	20	0	2	4	1	1	7	12	3	1						
	15	1022.3	—	14.7	3.1	11.4	68	4.8	2	9	2	12	6	0	0	0	0	0	1	3	3	6	11	7	0	0	17	14	0	0	4	2	2	3	11	9	0						
	21	1023.4	—	9.9	0.9	10.9	88	3.5	13	2	3	6	7	0	0	0	1	0	3	12	9	5	0	0	0	7	23	1	1	3	3	3	4	12	4	0							
Edgbaston [Warwickshire]																																											
165	9	1022.9	+7.5	10.1	0.9	11.1	88	5.2	5	3	3	12	8	0	0	0	1	0	3	5	11	7	4	0	0	2	4	24	1	2	3	1	1	11	11	1	0						
	15	1022.2	—	14.0	2.8	11.3	70	5.2	2	6	6	10	7	0	0	0	1	1	0	7	16	5	1	0	0	11	18	2	2	3	2	1	5	12	4	0							
	21	1023.1	—	10.7	1.2	11.2	85	3.9	8	5	5	7	6	0	0	0	1	0	1	3	11	10	5	0	0	6	22	3	1	1	5	1	3	12	4	1							
Elmdon [Warwickshire]																																											
100	3	1																																									

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

OCTOBER, 1971

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)				
																																						34 or more	22-33	11-21	1-10	0
number of observations																																										
5 ENGLAND SE																																										
26	3	1023.7	—	9.8	0.8	11.2	91	4.6	7	3	4	9	6	2	0	4	2	0	2	7	7	4	5	0	0	0	5	20	6	5	5	1	0	6	7	0	1					
	9	1024.3	+8.4	11.3	1.1	11.7	86	5.4	3	5	4	7	9	3	0	3	0	0	5	4	12	5	2	0	0	1	6	24	0	4	4	2	3	2	14	1	1					
	15	1023.2	—	16.1	3.6	11.8	65	4.4	1	11	4	10	5	0	0	0	0	0	1	0	7	12	8	3	0	0	12	19	0	1	5	2	1	4	11	7	0					
	21	1024.3	—	11.5	1.3	11.5	84	3.9	8	6	5	4	8	0	0	0	0	0	2	7	11	7	4	0	0	0	5	25	1	1	6	2	3	6	10	2	0					
Kew [Greater London] 13																																										
10	3	1023.5	—	8.8	0.8	10.5	90	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	9	1024.2	+8.2	11.8	1.5	11.7	83	5.0	5	5	1	11	7	2	0	2	0	0	5	2	11	4	7	0	0	0	4	21	6	2	4	2	1	2	13	1	0					
	15	1023.1	—	15.8	4.0	11.4	63	4.3	4	9	3	9	6	0	0	0	0	0	1	7	10	11	2	0	0	0	5	25	1	1	4	2	1	5	13	4	0					
	21	1024.3	—	9.7	1.2	10.6	87	3.4	13	4	3	4	7	0	1	5	0	1	1	2	8	9	4	0	0	0	1	21	9	1	5	1	2	3	10	0	0					
Gatwick [Surrey]																																										
59	3	1024.0	—	7.8	0.5	10.4	94	4.9	8	1	4	6	10	2	3	4	4	2	2	3	7	4	2	0	0	1	4	12	14	0	4	2	0	2	9	0	0					
	9	1024.5	—	10.5	0.7	11.8	91	5.4	3	3	5	13	3	4	0	4	0	1	4	7	8	5	2	0	0	1	10	12	8	1	5	5	0	2	7	3	0					
	15	1023.5	—	15.8	3.3	12.1	67	4.2	4	8	4	11	4	0	0	0	0	0	0	2	9	8	3	0	0	2	13	16	0	0	5	4	1	5	11	5	0					
	21	1024.7	—	9.2	0.7	10.8	91	4.4	7	4	6	4	9	1	0	2	5	1	0	6	6	10	1	0	0	0	4	15	12	0	4	1	2	0	11	1	0					
Dungeness [Kent]																																										
7	3	1024.1	—	11.3	1.0	11.9	87	3.4	11	5	4	3	4	4	1	2	0	3	0	1	7	5	6	6	0	5	10	12	4	0	0	7	0	5	2	10	3					
	9	1024.7	—	13.2	1.3	13.2	86	4.7	6	3	4	15	2	1	0	0	0	3	0	3	8	8	1	0	5	13	9	4	4	1	3	2	7	4	5	1						
	15	1023.8	—	15.5	2.6	13.0	73	4.0	7	3	9	8	4	0	0	0	0	0	0	6	13	12	0	1	5	16	9	0	2	2	5	1	4	9	8	0						
	21	1024.6	—	13.2	1.5	12.7	82	2.1	15	7	5	1	3	0	0	0	0	0	0	1	7	6	14	3	0	4	13	14	0	0	1	7	2	4	2	13	2					
Manston [Kent]																																										
45	3	1023.9	—	10.3	0.8	11.3	89	3.3	8	7	7	6	2	1	0	1	0	1	2	1	8	11	2	5	0	2	9	19	1	1	3	3	1	6	9	7	0					
	9	1024.6	—	12.6	1.2	12.7	85	5.0	6	2	4	15	4	0	0	0	0	1	3	4	10	4	5	4	0	3	11	16	1	2	3	2	3	8	9	3	0					
	15	1023.6	—	15.4	2.8	12.6	71	3.8	6	7	5	10	3	0	0	0	0	0	0	0	11	6	4	0	1	14	16	0	2	3	5	2	4	10	4	1						
	21	1024.6	—	11.1	1.2	11.3	84	3.7	7	8	4	7	5	0	0	0	0	0	0	3	11	4	8	5	0	1	13	16	1	0	4	4	2	3	12	4	1					
Thorney Island [Sussex]																																										
4	3	1023.7	—	10.5	0.8	11.6	90	4.0	8	5	5	6	6	1	0	3	1	2	0	3	10	6	6	0	0	3	8	18	2	3	8	7	0	3	6	1	1					
	9	1024.4	+8.2	12.5	1.1	12.8	88	4.7	6	4	2	14	5	0	0	1	1	0	3	5	8	4	6	3	0	2	12	17	0	3	6	6	1	1	6	7	1					
	15	1023.7	—	15.4	2.6	12.9	73	4.6	4	6	4	12	5	0	0	0	0	0	0	1	10	5	9	6	0	2	19	10	0	1	4	3	4	8	9	2	0					
	21	1024.5	—	11.4	1.1	11.9	87	4.2	6	6	5	6	7	1	0	2	0	2	3	0	7	8	8	1	0	1	7	22	1	1	13	1	0	2	9	3	1					
Eastbourne Coastguard [Sussex]																																										
7	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	21	1024.2	—	12.4	1.3	12.3	84	3.9	9	0	11	6	5	0	0	0	0	0	1	4	13	10	3	0	1	4	5	12	9	3	1	2	1	2	4	8	1					
	Abingdon [Berkshire]																																									
71	3	1023.5	—	8.4	0.5	10.6	93	3.9	9	5	3	5	7	2	1	4	0	3	2	4	5	10	2	0	0	0	3	26	2	4	6	5	1	4	7	1	1					
	9	1024.0	+8.2	10.6	0.9	11.5	88	5.3	3	6	2	10	8	2	0	2	0	1	3	4	11	6	4	0	0	1	6	23	1	2	5	2	5	2	11	3	0					
	15	1023.0	—	14.9	3.0	11.7	69	5.1	2	6	4	10	9	0	0	0	0	1	0	0	8	8	12	2	0	0	10	20	1	2	4	1	3	5	9	5	1					
	21	1024.1	—	10.3	1.0	11.2	88	4.4	7	5	2	10	6	1	0	0	1	1	0	3	10	9	7	0	0	0	4	25	2	1	5	8	2	2	10	1	0					
Hurn [Hampshire]																																										
14	3	1023.7	—	9.0	0.6	11.0	92	4.8	7	4	3	5	7	5	0	4	4	1	1	4	3	12	2	0	0	0	5	13	13	2	6	0	0	1	8	0	1					
	9	1024.3	+8.2	10.9	0.8	12.0	90	5.6	2	5	2	12	6	4	0	4	1	4	1	3	10	5	2	1	0	0	5	18	7	4	7	1	1	2	8	0	1					
	15	1023.5	—	15.6	2.8	12.7	71	4.6	5	4	6	12	4	0	0	0	0	0	1	4	10	5	10	1	0	0	11	20	0	3	5	1	2	7	11	2	0					
	21	1024.4	—	10.7	1.0	11.6	88	4.8	7	2	4	10	7	1	0	2	1	0	3	5	7	11	2	0	0	0	6	17	8	2	4	2	0	3	8	4	0					
South Farnborough [Hampshire]																																										
70	3	1023.7	—	8.8	0.6	10.8	92	4.8	6	6	1	6	11	1	0	1	1	2	5	3	6	8	4	1	0	0	4	19	8	1	4	2	1	5	9	1	0					
	9	1024.3	+8.2	11.0	0.9	11.9	88	5.2	3	6	2	10	6	4	0	3	1	1	2	1	10	6	3	4	0	0	6	23	2	2	5	3	3	5	7	4	0					
	15	1023.1	—	15.7	3.4	11.9	67	4.3	3	9	5	9	5	0	0	0	0	0	1	3	4	6	9	8	0	0	9	21	1	1	4	3	2	4	11	5	0					
	21	1024.0	—	9.1	0.4	11.1	94	5.0	5	4	5	4	9	4	0	3	1	3	0	3	10	7	4	0	0	0	7	22	2	2	4	3	0	8	11	0	1					
Lyneham [Wiltshire]																																										
149	3	1023.9	+8.0	10.0	0.5	11.7	93	5.3	1	9	2	8	10	1	0	3	0	2	3	2	10	8	3	0	0	0	8	22	1	1	5	3	1	7	12	1	0					
	9	1023.9	—	14.4	2.3	12.4	75	5.0	2	7	5	9	8	0	0	0	0	1	2	2	5	6	10	5	0	0	16	14	1	1	4	2	2	6	8	7	0					
	15	1022.9	—	10.5	0.9	11.6	89	5.1	6	1	6	9	8	1	0	1	0	0	1	2	13	7	7	0	0	0	7	23	1	0	6	1	3	7	12	0	1					
	21	1024.0	—	8.4	0.4	10.8	95	4.3	9	3	3	7	7	2	0	4	3	0	1	3	7	10	3	0	0	2	8	17	4	2	4	6	3	3	7	2	0					
Boscombe Down [Wiltshire]																																										
128	3	1023.4	—	10.6	0.7	11.9	91	6.1	1	4	3	12	5	6	0	5	2	2	1	4	8	6	1	2	0	1	12	14	4	1	1	9	3	3	7	2	1					
	9	1024.0	+7.8	15.0	2.9	12.6	70	4.6	2	7	5	14	3	0	0	0	0	0	1	2	7	11	7	3	0	0	19	12	0	1	3	2	7	7	8	0						
	15	1022.9	—	10.1	0.8	11.3	90	4.5	8	3	3	7	9	1	0	0	1	1	1	4	13	8	3	0	0	1	12	13	5	0	1	8	1	4	8	3	1					
	21	1024.0	—	10.5	0.5	12.1	94	5.5	3	4	3	11	5	5	0	6	0	2	4	2																						

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

OCTOBER, 1971

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

Table 6 Summary of autographic records of wind

OCTOBER, 1971

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	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	15, 22, 23	10	15	156	294	227	57	0	14.5	250	36	22	07	250	57	22	0620
Orkney Kirkwall ...				41	15	10	10, 22	12	20	144	447	134	7	0	16.5	270	44	22	12	260	65	22	0915
Caithness Dounreay ...				34	12	9		0	12	44	419	257	24	0	12.6	150	33	15	13	150	52	15	0810
Wick ...				45	10	10	22	2	8	21	362	290	69	0	11.0	280	36	22	13	280	54	22	1235
Sutherland Shin ...				24	10	10		0	3	10	116	335	283	0	6.2	280	33	22	12	280	57	22	1050
Ross & Stornoway Coastguard				37	12	11																	
Cromarty Duirinish ...				38	20	17	21, 22	6	13	73	333	264	68	0	12.5	220	38	21	22	230	55	22	0110
Inverness Benbecula ...				16	10	10	15, 17	10	22	163	407	143	21	0	16.3	190	40	15	04	190	70	15	0355
Corpach ...				23	15	12	Defective record																
Fort Augustus NSHEB ¹⁴				58	16	16		0	2	10	192	312	230	0	7.1	240	26	22	01	250	49	21	2055
Dalcross ...				19	10	10																	
Cairngorm ...				1075	10	10	6,7,9,10,11,15,16,17,19,20,21,22,23,29,30,31	158	28	308	153	59	25	41	25.6	260	66	21	24	270	93	22	0345
1 SCOTLAND E																							
Moray Kinloss ...				18	13	13	22	2	11	56	304	326	56	0	11.2	260	36	22	10	260	52	22	1000
Lossiemouth ...				31	24	18	10, 21, 22	7	14	90	299	282	66	0	12.7	240	39	21	23	260	56	21	2240
Aberdeen Dyce ...				72	10	10		0	10	39	338	269	98	0	10.9	170	29	15	13	280	51	22	1155
Fraserburgh ...				29	13	11	Defective record																
Angus Bell Rock ...				39	40	38																	
Perth Rannoch ...				307	17	17	Defective record																
Tummel Bridge ...				161	16	16		0	3	11	74	396	258	5	5.8	270	25	22	01	280	49	22	0455
Fife Leuchars ...				25	13	13	22	7	10	43	352	204	138	0	11.2	230	38	22	03	230	57	22	0240
Midlothian Turnhouse ...				43	13	10	21, 22	7	7	39	333	217	148	0	10.7	240	38	22	06	240	62	22	0510
6a SCOTLAND W																							
Argyll Tiree ...				24	16	12	14, 15, 21, 22	20	23	218	351	122	33	0	17.6	170	41	15	03	170	62	15	0310
Machrihanish ...				24	13	13	15, 18	2	14	118	433	168	23	0	15.0	240	35	18	02	240	54	18	0125
Dunbarton Cumbernauld ...				166	10	10	Defective record																
Renfrew Paisley ...				57	25	9		0	3	8	199	350	187	0	7.7	220	28	22	05	220	58	22	0345
Abbotsinch ...				16	10	10	22	2	8	39	283	281	139	0	10.2	220	35	22	05	220	53	22	0255
Ayr Ardrossan ...				24	20		15	1	13	108	414	200	21	0	14.2	200	34	15	15	230	56	18	0210
Hunterston ...				13	10	10	10, 18	2	19	124	370	167	81	0	13.8	200	44	18	02	190	63	18	0150
Prestwick ...				21	10	10		0	7	38	260	333	113	0	9.8	230	27	21	14	280	54	20	0935
Dumfries Eskdalemuir ...				259	10	10		0	8	59	260	253	172	0	10.1	220	33	10	14	220	52	10	1140
Wigtown West Freugh ...				25	10	10		0	4	33	403	232	43	33	12.2	200	27	15	14	200	46	15	1320
6b ISLE OF MAN																							
Ronaldsway ...				25	10	10	15	3	9	85	422	206	28	0	13.6	180	35	15	14	180	49	15	1325
Point of Ayre ...				20	10	10		0	8	37	421	218	68	0	11.9	240	24	22	09	230	40	21	1450
2 ENGLAND NE																							
Durham Durham ...				119	16	10		0	8	42	246	383	73	0	10.2	240	28	22	10	230	56	22	0305
South Shields ...				22	17	13		0	3	8	197	380	159	0	7.7	260	28	22	14	260	53	22	1325
Yorks N.R. Leeming ...				42	10	10		0	8	30	198	381	135	0	9.0	270	31	22	14	270	50	22	1325
Middlesbrough ...				23	19	19		0	10	48	408	215	67	6	11.9	220	31	22	01	230	52	22	1050
Lincoln Waddington ...				80	10	10		0	3	8	321	351	64	0	10.0	250	23	18	14	210	37	19	0910
Cranwell ...				77	13	13		0	7	65	309	295	75	0	11.3	210	33	19	10	210	48	19	0940
Coningsby ...				16	10	10		0	4	20	263	352	109	0	9.6	210	28	19	11	210	46	19	1015
Binbrook ...				118	10	10		0	9	54	377	264	49	0	12.1	240	31	22	07	240	45	22	0620
Manby ...				26	10	10		0	4	9	254	379	102	0	9.2	220	27	21	24	230	41	22	0035
3 ENGLAND E																							
Norfolk Marham ...				29	10	10		0	3	7	258	365	114	0	8.7	200	24	19	12	240	37	19	1155
West Raynham ...				93	17	14	Record not yet commenced																
Coltishall ...				27	10	10		0	2	7	220	338	179	0	7.9	230	24	19	12	220	39	19	1235
Gorleston ...				16	13	13		0	9	66	392	260	26	0	12.9	020	29	13	18	020	47	13	1915
Suffolk Honington ...				60	13	13		0	1	4	224	376	140	0	8.3	220	24	19	13	270	46	19	1455
Wattisham ...				104	16	10		0	1	2	229	473	40	0	9.1	230	22	19	15	220	38	19	1035
Bedford Bedford ...				94	13	9		0	4	20	282	368	74	0	10.1	200	28	19	09	200	46	19	0930
Cardington ...				69	41	41		0	5	41	266	339	98	0	10.2	200	30	19	11	210	46	19	1100
Hertford Garston ...				94	15	10		0	0	0	58	403	283	0	5.0	230	18	19	12	230	41	19	1100
Rothamsted ...				141	13	10		0	0	0	80	419	245	0	5.5	230	19	19	09	240	40	19	0450
Essex Stansted ...				108	10	10		0	0	0	174	489	81	0	7.9	220	21	19	10	220	39	19	0920
Shoeburyness ...				36	32	28	18, 19	5	9	77	369	255	38	0	13.3	210	36	19	12	220	53	19	1125

Table 6 Summary of autographic records of wind

OCTOBER, 1971

District, county and place			height of vane (metres)			distribution of hourly mean values of wind speed								mean hourly wind speed (knot)	highest velocities																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
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						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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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

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NOVEMBER**1971**

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Much sunnier than average except in some northern areas

On the first 4 days and again from the 9th to 15th a ridge of high pressure covered the southern half of the British Isles but troughs of low pressure affected northern districts. At other times during the month relatively low pressure predominated in all areas although there were brief anticyclonic inter-ludes.

Weather

It was a sunny month except in parts of Scotland and Northern Ireland. The weather began very warm but later there were cold spells, notably at the start of the second week and at the end of the third week with snow in many areas. On the 22nd, after blizzards in the Cairngorms, 6 members of a school party were found dead in the snow.

Wind

The 7th and 8th were windy everywhere with gales in many places and on the 13th a generally windy spell of 10 days commenced. On the 16th gales occurred widely in the northern half of the British Isles with strong gusts in many areas including 68 kt at Lerwick (Shetland). For a time on the 21st northerly winds over exposed coasts in north-east England reached storm force, that is a mean speed of 48 to 55 kt, and a gust of 69 kt was recorded at Middlesbrough (North Riding of Yorkshire).

Temperature

Over the month as a whole mean temperature was below average in nearly all areas although the deficit was, in general, less than 1 degC. The first 5 days were very warm in many places and on the 1st the air temperature reached 17.5°C at Falmouth (Cornwall) — this is the highest there in November since 1869 when available records began. On the same day 19.7°C was recorded at Hawarden Bridge (Flintshire), the highest November temperature there for 25 years. However, on the 6th it became cold everywhere and air frost occurred widely in England and Wales on the following night. During the remainder of the month temperatures were generally below average, except for a few days towards the end of the second week and around the 26th. From the 18th to 22nd night frost was sometimes widespread and on the 19th the temperature in some areas in Scotland remained below 0°C. During the following night at Carnwath (North Ayrshire) the temperature fell to -11.7°C.

Rainfall

Large regions of England and Scotland, together with smaller areas elsewhere, had below average rainfall (including melted snow); only about half the average occurred locally

in Perthshire, Sussex and the West Riding of Yorkshire. On the other hand, rainfall reached about 175 per cent of average in a few areas in East Anglia, Ross and Cromarty, and Co. Fermanagh. During the first week rainfall was heavy at times in Scotland and in the 24 hours beginning at 09 GMT on the 3rd several 'daily' rainfalls recorded in the north-west exceeded 100 mm including 133.8 mm at Kinlochhourn (Inverness-shire). A rapidly deepening depression crossed the British Isles on the 5th and heavy rain fell in many areas; flooding occurred in parts of Fife while farther south the rain was accompanied by thunder in south-west England. Thunderstorms affected this district again overnight on the 8th/9th and hailstones 2.5 cm in diameter fell at St Mawgan (Cornwall). On the 20th periods of heavy rain occurred in many areas, notably in Northern Ireland, Wales and western England, and overnight on the 29th/30th persistent, often heavy rain fell in south-west England.

Snow

Snow or sleet (rain or drizzle and snow) was reported on more days than average. Wintry showers occurred in Scotland and northern England from the 6th to 10th and snow or sleet fell on the highest ground farther south on the 8th and 9th. The main snowy period in the north was from the 16th to 24th and in the south from the 18th to 24th. Amounts of snow were generally small, but around the 22nd on high ground in the north snow depths varied from 10 cm in northern England to 25–30 cm in Scotland with drifting in places.

Sunshine

It was very dull in most of north Scotland and in parts of east Scotland; Strathclyde (Sutherland) had its dullest November since records began in 1939. In almost all other districts sunshine amounts were substantially above average. By the 11th parts of south-east England had recorded more sunshine than average and further sunny days later in the month led to new high record November totals at many stations in the southern half of England. These included 103.3 hours at Kew (Greater London) and 128.7 hours at Torquay (Devon) where continuous records go back to 1880 and 1891 respectively. It was the sunniest November in Cambridge since at least 1884 when monthly totals for the city were first published.

Fog

Morning fog was confined mainly to the first 3 days and last 2 days of the month and areas most affected were the Midlands, and eastern and southern England. On the 15th hill fog occurred in many areas and on the 26th it returned to some western hills while on the next day sea fog affected the English Channel coast. Freezing temperatures accompanied the fog in places on the last 2 mornings and fog persisted throughout the day on the 29th in a few parts of eastern England.

Miscellaneous phenomena

Observers in Scotland reported the aurora on 11 nights.

Table 1 District Values

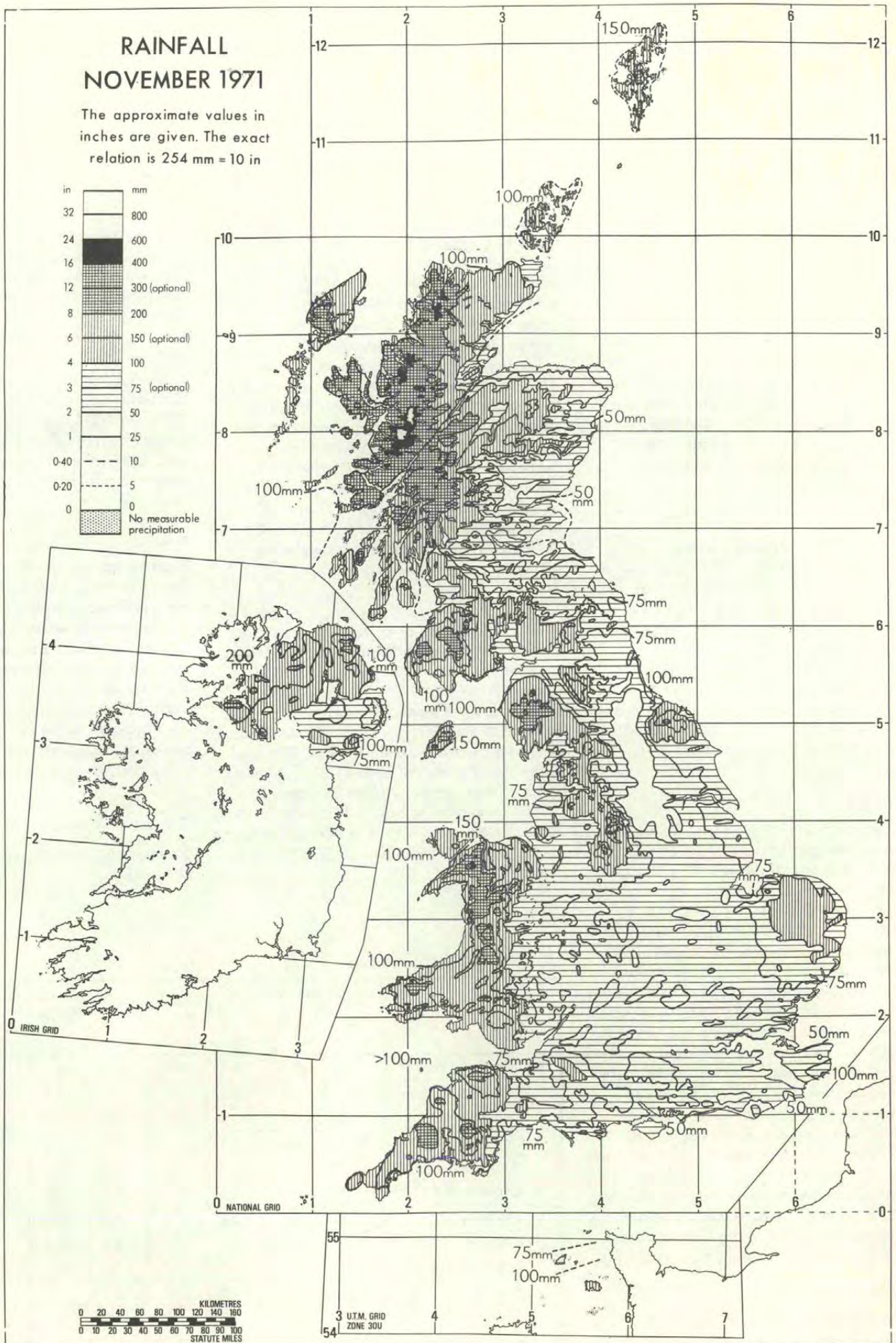
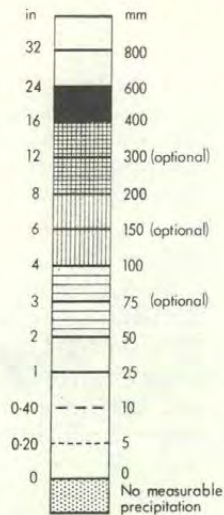
November 1971

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	High Max. *	Lowest Min. *	max.	min.	mean				
	difference from average								
0 Scotland N	15.0	−5.3	−0.9	−1.0	−1.0	−	+4	129	74
1 Scotland E	17.0	−4.2	−0.4	−0.7	−0.5	+0.5	+1	78	111
2 England N E	17.8	−6.7	−0.4	−1.2	−0.8	+0.2	−1	97	135
3 England E	17.0	−4.3	−0.4	−1.1	−0.8	−0.2	+1	123	157
4 Midlands	17.0	−5.2	−0.1	−1.2	−0.6	−0.1	−4	93	171
5 England S E	17.3	−5.0	−0.3	−1.5	−0.9	−0.6	−4	79	173
6 Scotland W	16.8	−9.1	−0.4	−0.4	−0.4	+0.5	+2	91	109
7 Eng NW - Wales N	17.2	−6.1	−0.3	−0.5	−0.4	+0.8	−2	108	125
8 Eng SW - Wales S	17.5	−6.8	+0.1	−1.8	−0.8	+0.2	−2	96	166
N Ireland	16.6	−4.0	+0.3	0.0	+0.1	−	0	120	85
Scotland	17.0	−9.1	−0.6	−0.7	−0.6	−	+2	99	98
Eng - Wales	17.8	−6.8	−0.2	−1.2	−0.7	−	−2	98	155

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

RAINFALL NOVEMBER 1971

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



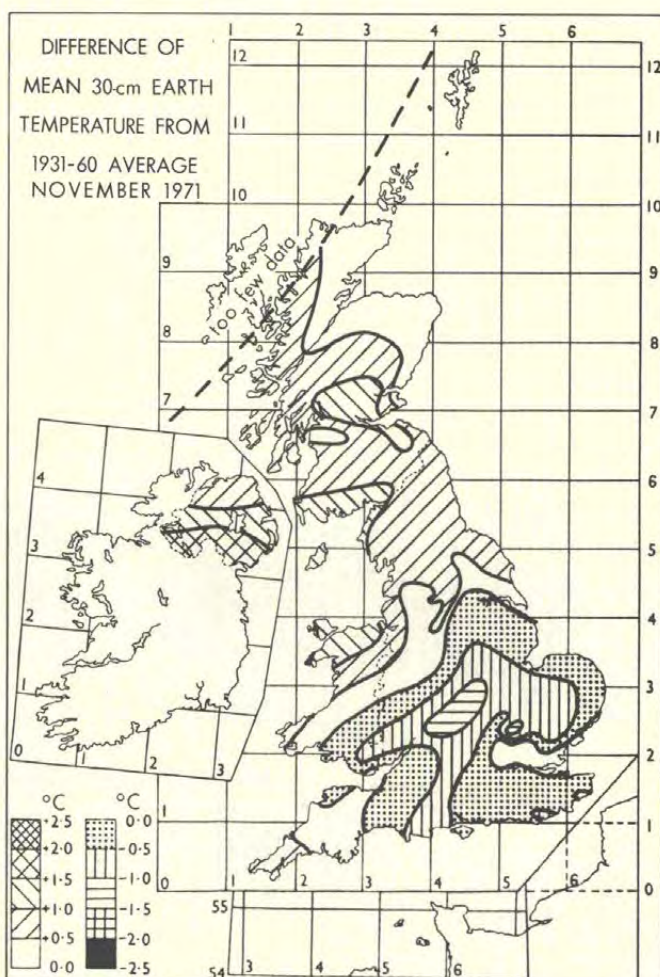
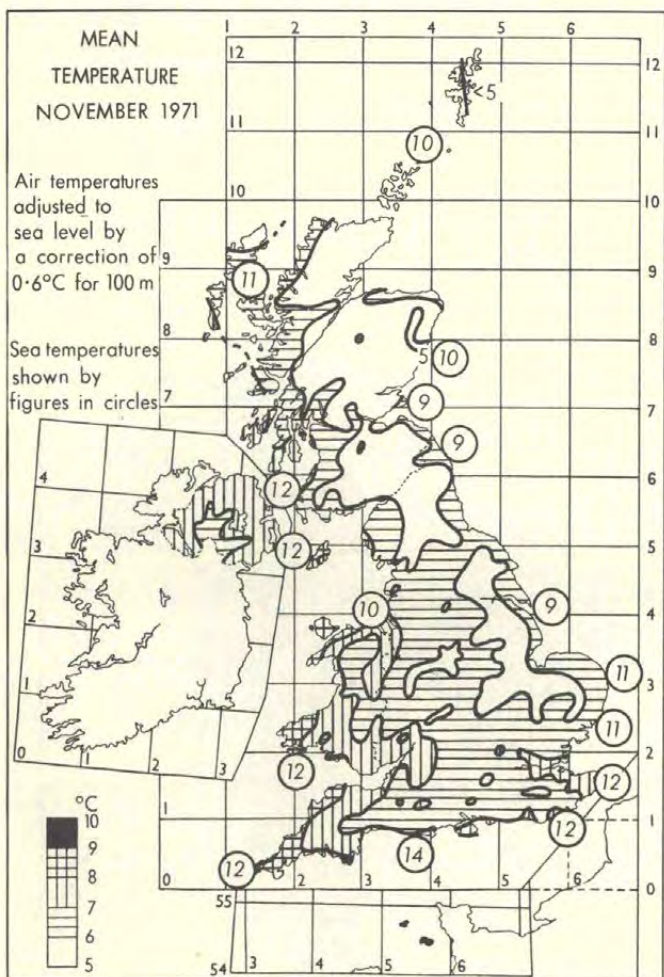
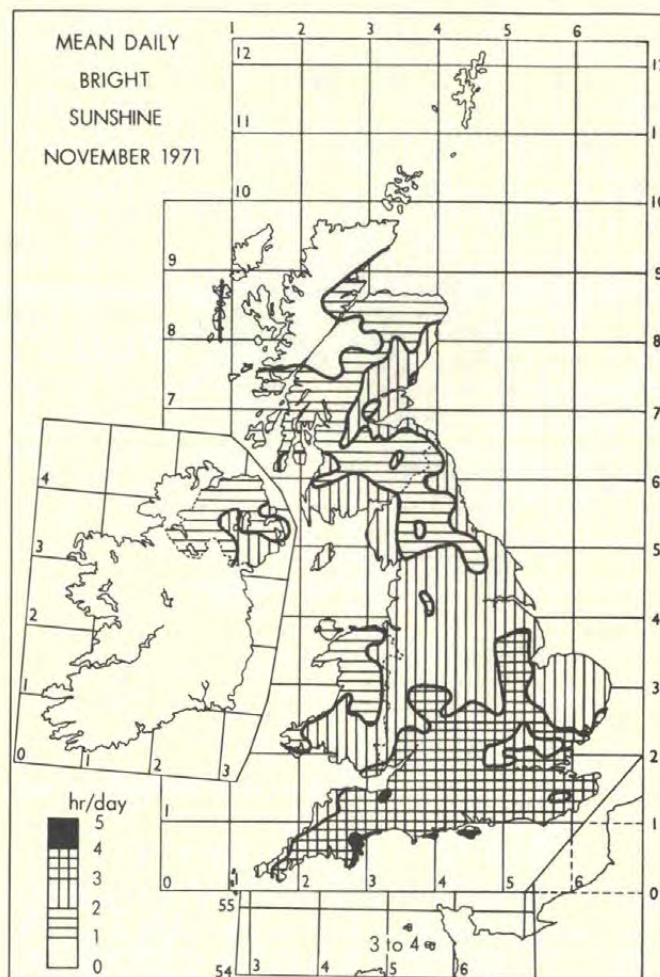
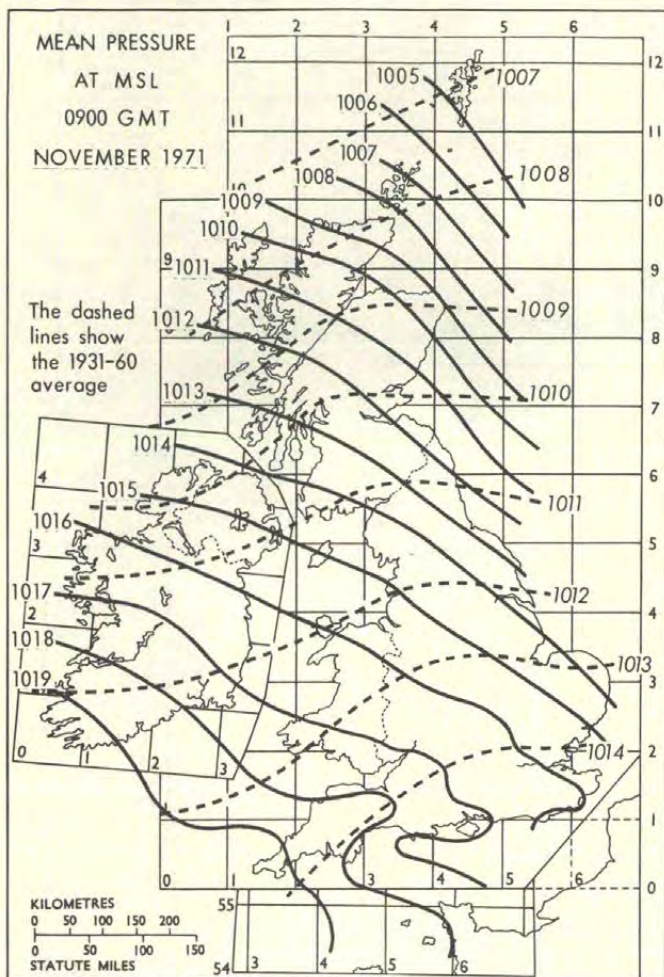


Table 2 Solar radiation and illumination

Station	total radiation on a horizontal surface (milliwatt-hours per square centimetre)						diffuse radiation on a horizontal surface (milliwatt-hours per square centimetre)						total illumination on a horizontal surface (kilolux-hours)					
	max.	date	min.	date	daily mean	no. of days	max.	date	min.	date	daily mean	no. of days	max.	date	min.	date	daily mean	no. of days
Lerwick	75	6	9	5	35.7	30	55	3	8	30	28.6	30	94	6	13	5	45.3	30
Eskdalemuir	155	9	10	30	62.4	30	61	14	9	30	37.2	30	165	9	14	30	71.2	30
Cambridge Meteorological Research Unit ..	194	2	25	18	103.4	30	94	3	25	18	60.1	30	—	—	—	—	—	—
London Weather Centre	199	2	17	18	98.2	30	82	7	14	18	53.7	30	273	2	26	18	131.9	30
Kew	205	2	26	18	104.3	30	90	1	25	18	58.7	30	277	2	37	18	134.3	30
Easthampstead ¹ ..	212	3	31	18	104.0	30	79	6	31	18	54.8	30	259	3	39	18	122.0	30
Aberporth	195	9	30	15,20,27	84.6	30	108	1	29	15	54.1	30	—	—	—	—	—	—
Aldergrove	162	6	14	20	67.9	30	104	13	14	20	44.8	30	—	—	—	—	—	—
Jersey Airport	247	2	9	12	106.6	30	104	10	9	12	61.7	30	244	2	14	12	114.8	30

¹ Formerly listed as Bracknell; the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

NOVEMBER, 1971

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.																																		
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'n 0.2mm or more 1.0mm or more	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 1931-60 average	exposure				
								max.	date	min.	date																							
																															max. (a)	min. (b)		
0 SCOTLAND N																																		
Zetland																																		
Hamnavoe ...		99	21	7.8	3.7	5.7	—	12.7	1	-2.3	17	—	—	171	—	44	4	28	26	11	3	4	5	0	0	6	—	—	—	—	11	1.02	—	—
Lerwick ² ...		21-9	82	6.2	2.8	4.5	—	12.5	2	-4.5	18	—	—	189	150	40	4	27	24	12	8	3	9	2	0	9	13	13	9	0.95	87	—	—	
				6.3	2.8	4.5	-1.4	12.8	2	-4.0	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Baltasound ...		99	24	6.9	1.8	4.3	—	12.2	1,2	-4.8	18	6.9	—	169	130	18	1	29	25	12	8	0	2	0	0	11	—	—	8	0.60	—	—	—	
Orkney																																		
Sule Skerry ...		21-9	13	9.2	4.6	6.4	—	13.4	1	-3.7	18	—	—	148	—	20	3	29	27	5	2	1	2	0	0	4	5	5	6	—	—	—	—	
Stenness ...		99	23	8.0	3.3	5.7	—	15.3	2	-2.8	18	6.6	8.1	131	116	15	4	27	22	7	6	1	3	0	0	7	14	—	5	0.76	—	—	—	
Kirkwall ...		21-9	26	7.6	3.5	5.5	-1.2	13.8	2	-5.5	18	—	—	132	118	13	3	26	20	12	3	15	0	2	0	5	13	11	13	0.81	58	—	—	
Caithness																																		
Dounreay ...		99	21	8.7	2.7	5.7	—	16.7	2	-2.2	18	—	—	117	114	12	7	25	22	5	4	7	1	1	5	7	9	—	3	0.97	—	—	—	
Wick ...		21-9	36	7.8	3.2	5.5	-0.9	15.0	2	-5.3	18	—	—	90	113	12	3	24	20	9	4	1	8	0	0	8	12	11	3	0.91	52	—	—	
John O'Groats ...		99	30	7.9	2.3	5.1	—	14.4	1,2	-2.8	18	6.5	—	85	—	13	3	24	21	7	2	5	3	1	1	11	9	—	7	1.00	—	—	—	
Sutherland																																		
Cape Wrath ...		21-9	112	7.9	4.0	5.9	-1.3	13.3	2	-1.4	19	—	—	126	93	19	3	28	24	10	2	13	0	0	2	9	7	6	8	0.67	—	S	—	
Lairg ...		99	107	7.7	1.5	4.6	—	16.7	1,2	-6.0	24	5.6	7.4	121	—	27	3	25	20	11	9	4	1	0	1	13	18	—	1	1.01	—	—	—	
Strathay ...		99	37	8.2	2.6	5.4	-0.4	17.3	2	-2.8	18, 24	—	—	131	111	13	3	28	22	13	7	7	1	0	1	8	—	—	2	0.58	46	S	—	
Ross & Cromarty																																		
Stornoway ¶ §		21-9	3	8.1	3.8	5.9	-1.0	14.5	1	-3.6	19	—	—	130	113	20	3	30	23	6	4	1	8	0	0	7	12	9	4	0.98	66	—	—	
Balmacara ...		99	4	9.1	3.8	6.5	—	15.0	1	-2.2	19	—	—	195	—	38	3	30	27	7	8	0	4	0	0	5	—	—	1	—	—	—	—	
Poolewe ...		99	6	8.9	4.1	6.5	—	(15.6)	1,2,3	-1.3	18	—	—	233	158	42	3	29	26	2	1	0	4	0	0	5	9	—	2	0.68	—	S	—	
Rudh Re ...		21-9	16	9.0	5.6	7.3	—	14.3	2	0.2	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		99	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Inverpolly ...		99	67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Achnashellach ...		99	67	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kinlochewe ...		99	23	8.6	2.5	5.5	-0.8	15.6	1	-4.3	20	7.2	—	364	190	101	3	27	26	9	5	0	1	0	0	8	14	—	1	0.36	—	S	—	
Strathconon ...		99	107	8.5	1.8	5.1	—	16.3	1	-5.0	29	—	—	165	—	27	15	24	20	10	8	0	1	0	—	11	18	—	0	—	—	—	—	
Fortrose ...		99	5	—	3.9	—	—	—	—	-2.2	19	—	—	83	146	13	5	21	19	4	0	0	0	0	0	4	—	—	2	1.36	80	—	—	
Tarbatness ...		21-9	18	8.1	4.2	6.1	-0.2	(16.5)	2	-2.0	19	—	—	60	120	8	7:22	23	15	7	0	1	0	0	0	3	—	—	2	—	—	—	—	
Inverness																																		
Benbecula ...		21-9	6	8.6	5.0	6.8	-0.5	13.9	1	-3.2	19	—	—	132	103	22	3	29	25	10	0	8	4	0	0	3	9	9	5	1.04	—	—	—	
Isle of Rhum ...		99	5	9.3	4.5	6.9	—	15.4	1	-1.6	17	8.4	10.2	311	112	49	3	29	29	10	4	0	4	1	1	4	12	—	10	0.94	—	—	—	
Prabost ...		99	67	8.1	3.3	5.7	—	13.9	1	-2.9	20	—	—	222	111	51	3	30	29	11	8	1	9	2	0	7	13	—	6	1.02	—	—	—	
Duntulm ...		99	90	8.4	3.9	6.1	-1.0	13.9	1	0.0	17, 20	—	—	169	118	29	3	30	28	9	0	0	1	0	0	9	—	4	0.80	59	—	—	—	
Onich ...		99	15	8.7	2.9	5.8	-0.6	14.6	1	-4.0	20	—	—	235	118	72	3	28	22	—	2	—	—	—	—	0	8	16	—	1.02	84	S	—	
Fort William ...		99	8	8.9	2.9	5.9	—	14.4	2	-5.6	20	7.3	8.8	225	129	104	3	29	21	4	3	0	0	0	—	8	13	—	1	0.63	—	S	—	
Corpach ...		99	8	8.7	3.4	6.1	—	14.7	1	-2.7	20	—	—	223	—	81	3	28	22	4	0	0	0	0	0	6	15	—	0	—	—	—	—	
Fort Augustus ...		99	21	8.7	2.2	5.5	-0.1	14.3	2	-4.6	18	—	—	127	—	56	3	25	20	—	5	—	—	—	—	0	10	—	—	0.71	—	S	—	
Inverness ...		99	4	9.0	3.0	6.0	—	18.0	1	-1.5	18,20	—	—	72	125	14	5	19	17	6	4	0	0	0	0	8	14	—	0	1.26	—	—	—	
Coire Cas Shieling		99	762	3.7	-1.5	1.1	—	12.9	1	-8.6	18	—	—	—	—	—	—	—	—	10	15	0	5	0	3	19	—	—	4	—	—	—	—	
Cairngorm ...		99	1090	1.3	-3.7	-1.2	—	9.6	1	-10.2	18	—	—	—	—	—	—	—	—	13	21	0	8	0	18	23	—	—	—	—	—	—	—	
Glenmore Lodge ...		99	341	7.0	0.0	3.5	-0.3	15.5	2	-8.6	18	—	—	105	109	16	5	22	19	—	10	—	—	—	—	0	14	18	16	—	0.57	—	S	—
Moy ...		99	305	6.3	0.7	3.5	—	14.2	1	-7.5	18	6.2	—	139	—	18	7	26	22	10	9	0	0	0	1	13	22	—	0	0.96	—	—	—	
1 SCOTLAND E																																		
Nairn																																		
Nairn ...		99	6	8.6	3.1	5.9	-0.1	16.0	1	-3.3	29	—	—	69	123	14	5	20	13	8	1	3	2	0	0	9	12	—	0	1.34	76	—	—	
Moray																																		
Grantown-on-Spey		99	229	6.9	0.3	3.6	—	15.6	2	-9.8	20	—	—	108	—	17	22	23	15	10	10	1	3	0	0	14	18	—	0	1.31	—	—	—	
Forres ...		99	50	8.5	3.1	5.8	0.0	17.0	1,2	-3.8	20	6.1	7.9	88	126	12	5	22	16	8	6	1	3	0	0	8	10	—	2	1.38	72	—	—	
Kinloss ...		21-9	5	8.5	3.4	5.9	0.0	17.2	2	-3.6	29	7.0	—	52	97	10	5	22	11	8	1	0	8	0	0	8	10	9	4	1.18	—	—	—	
Elgin ...		99	15	9.1	2.9	6.0	—	18.3	2	-2.8	20	—	—	69	115	9	20	21	15	—	2	—	—	—	—	0	7	11	—	—	1.09	—	S	—
Lossiemouth ...		99	6	8.9	2.5	5.7	-0.1	16.4	1	-4.6	29	—	—	55	96	8	22	19	13	8	0	4	6	1	0	9	18	14	8	—	—	—	—	
Gordon Castle ...		99	32	8.8	2.8	5.8	-0.2	17.2	2	-2.2	17,18,20	—	—	59	81	8	22	20	13	5	4	7	0	0	—	6	—	—	1	1.30	77	—	—	—
Banff																																		
Glenlivet ...		21-9	215	6.9	2.1	4.5	—	16.4	2	-7.0	29	—	—	112	—	15	5	21	20	13	10	5	0	0	1	14	19	11	0	1.39	—			

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-60 average	most in a day amount (mm)	date	precip'n		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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date							0.2mm or more	1.0mm or more															
1 SCOTLAND E — continued																																	
Aberdeen — continued																																	
Inverurie Sewage Works ...	¶	99	54	8.1	1.1	4.6	—	16.3	2	—8.2	29	—	—	66	—	12	20	18	14	11	10	3	2	0	0	12	18	—	0	1.57	—	—	
Fyvie Castle ...	¶	99	66	8.2	0.7	4.5	—	17.0	2	—5.0	28	—	—	89	96	(15)	20	24	16	7	8	0	2	0	0	11	19	—	0	(1.17)	—	S	
Craibstone ...	¶ § ±	99	91	7.7	1.5	4.6	—1.1	14.7	2	—4.0	20	6.0	7.7	49	55	10	20	17	10	9	9	2	1	0	0	14	17	—	0	1.96	98	—	
Dyce ...	¶	21-9	58	8.0	2.2	5.1	—0.5	15.5	2	—7.6	29	—	—	55	59	12	20	18	12	11	7	4	4	0	0	9	18	13	4	2.09	—	—	
Aberdeen ...	¶	99	52	8.2	1.6	4.9	—0.8	15.9	2	—5.5	29	—	—	53	62	11	20	18	13	8	6	1	0	0	0	13	19	—	0	2.32	128	—	
Fraserburgh ...	¶	21-9	18	8.7	4.1	6.4	—	16.4	2	—0.7	20, 29	—	—	69	—	9	20	21	15	8	0	4	1	0	0	2	4	9	12	1.36	—	—	
Kincardine																																	
Fettercairn ...	¶	99	171	7.3	1.3	4.3	—0.8	14.1	2	—4.7	29	—	—	91	89	22	20	24	10	10	8	0	0	0	2	14	18	—	4	1.97	—	S	
Strachan ...	¶	99	120	7.8	0.1	3.9	—	15.1	2	—10.0	20	6.7	—	79	—	14	8:20	16	10	10	9	1	1	0	0	14	21	—	0	1.81	—	S	
Banchory ...	¶	99	77	8.2	0.8	4.5	—	15.5	2	—7.5	29, 30	—	—	69	—	15	8	16	8	11	10	0	3	1	0	13	16	—	0	—	—	—	
Stonehaven ...	¶	99	4	8.1	1.4	4.7	—1.6	15.6	2	—5.6	29	—	—	57	72	17	20	11	10	8	0	0	0	0	11	—	—	1	2.41	128	—	—	
Angus																																	
Mylnfield ...	¶	99	30	8.5	2.4	5.5	—	15.1	4	—3.9	29	6.4	9.0	51	74	19	4	15	7	5	6	0	0	0	0	10	19	—	0	2.43	—	—	
Dundee ...	¶	99	45	8.5	2.4	5.5	—0.2	15.3	4	—4.0	18	5.5	—	52	71	18	4	18	7	5	5	0	1	0	0	10	17	—	0	2.65	—	—	
Glamis Castle ...	¶	99	61	8.1	1.1	4.6	—	15.6	2	—6.1	29	—	—	57	65	14	20	19	11	8	0	0	0	0	1	12	22	—	1	—	—	—	
Whitehills ...	¶	99	258	7.9	0.4	4.1	—	14.5	2	—6.2	20, 29	—	—	57	48	(15)	20	22	13	10	11	0	0	0	0	15	17	—	2	—	—	S	
Buddon Ness ...	¶	99	5	8.3	1.9	5.1	—0.7	15.4	2, 4	—5.6	28	—	—	58	87	17	4	16	10	6	—	0	0	0	1	9	—	—	1	—	—	—	
Carnoustie ...	¶	99	9	9.3	2.3	5.8	—	15.6	2	—4.4	29	—	—	54	78	15	4	13	11	3	4	0	0	0	0	12	—	—	0	2.66	—	—	
Arbroath ...	¶	99	28	8.7	2.7	5.7	—0.4	15.6	2	—3.9	29	—	—	60	94	14	4	16	9	5	3	0	0	0	0	9	17	—	0	3.21	153	—	
Usan ...	¶	21-9	30	8.1	3.0	5.5	—	15.7	2	—4.0	29	—	—	68	—	17	20	15	8	3	0	0	0	0	1	8	11	11	2	2.96	—	—	
Montrose ...	¶	99	57	8.2	1.6	4.9	—	15.2	2	—4.5	29	—	—	65	91	16	5	15	7	8	6	1	0	0	1	13	20	—	4	—	—	—	
Perth																																	
Aberfoyle ...	¶	99	27	8.7	0.9	4.8	—	15.5	2	—7.5	20	—	—	114	—	23	20	18	15	3	—	0	0	0	—	13	19	—	0	—	—	—	
Dall ...	¶	99	232	7.2	0.6	3.9	—	15.8	1	—8.1	20	—	—	79	—	19	7	19	16	7	8	0	2	0	0	14	19	—	0	—	—	—	
Callander ...	¶	99	107	8.5	1.7	5.1	—	15.0	1, 2	—6.0	29	—	—	113	—	21	20	18	12	4	5	0	0	0	0	11	17	—	2	—	—	—	
Ardtaraig ...	¶	99	130	8.1	2.5	5.3	—	14.6	2	—4.5	20	—	—	66	53	13	3	21	12	4	3	0	0	0	0	8	18	—	1	1.08	—	—	
Drummond Castle ...	¶	99	113	8.2	1.5	4.9	—	14.6	2	—5.8	24	6.7	—	77	—	21	20	12	9	4	9	0	0	0	—	12	19	—	0	—	—	S	
Glennagles ...	¶	99	152	7.9	1.3	4.6	—	14.2	2	—6.4	18	—	—	73	67	24	4	18	8	2	—	0	0	0	2	14	20	—	0	2.13	—	—	
Pitlochry ...	¶	99	144	7.7	1.3	4.5	—	15.9	2	—7.4	20	—	—	52	60	8	20	19	12	6	8	0	0	0	0	12	21	—	0	1.96	—	—	
Faskally ...	¶	99	94	8.7	1.4	5.1	—	16.1	2	—6.7	20	6.2	8.7	49	54	9	20	19	11	8	7	0	1	0	0	10	21	—	0	—	—	—	
Ashintully Castle ...	¶	99	341	6.1	—0.3	2.9	—	13.4	2	—8.3	20	—	—	67	—	16	20	17	13	10	9	0	0	0	0	4	16	20	—	1	—	—	—
Strathallan ...	¶	99	41	8.9	2.0	5.5	—	16.1	2	—5.6	24, 25	—	—	61	—	25	4	13	8	4	7	0	0	0	1	10	19	—	0	—	—	—	
Perth ...	¶	99	23	8.9	2.4	5.7	+0.2	15.8	2	—5.4	24	—	—	45	63	19	4	11	7	4	3	0	0	0	2	10	15	—	0	2.23	135	—	
Blairgowrie ...	¶	99	70	8.2	1.6	4.9	—	14.7	2	—6.4	29	5.9	—	44	60	13	20	15	8	—	—	—	—	—	—	11	19	—	—	2.38	—	S	
Kinross																																	
Kinross ...	¶	99	113	7.4	1.1	4.3	—	15.1	2	—6.9	24	6.5	—	86	—	34	4	15	12	—	7	—	—	—	—	16	18	—	—	1.92	—	—	
Fife																																	
Pitreavie ...	¶	99	40	8.2	3.6	5.9	—	14.6	1	—3.8	20	—	—	57	—	18	4	14	8	5	3	0	0	0	0	8	18	15	1	—	—	—	
Kirkcaldy ...	¶	99	32	8.5	2.6	5.5	—0.4	15.3	2	—3.0	18, 28	—	—	63	87	18	4	15	9	4	5	0	0	0	0	10	18	—	0	2.84	—	—	
Cupar ...	¶	99	25	9.1	1.8	5.5	—	15.6	2	—5.6	20, 29	6.4	—	54	79	21	4	14	7	1	2	0	0	0	0	9	18	—	0	2.51	—	—	
Leuchars ...	¶	21-9	10	8.5	2.7	5.6	—0.6	16.0	2	—6.2	29	—	—	57	88	22	4	13	6	6	4	0	0	0	1	10	18	14	0	2.85	134	—	
St Andrews ...	¶	99	18	8.8	3.2	6.0	—	16.3	2	(—3.9)	30	6.3	8.7	59	—	19	4	11	8	—	6	—	—	—	—	0	10	15	—	—	2.75	132	—
West Lothian																																	
Livingston ...	¶	99	125	7.8	1.6	4.7	—	15.0	2	—7.0	20	—	—	64	—	22	4	16	12	—	—	—	—	—	1	11	16	—	—	—	—	—	
Midlothian																																	
Turnhouse ...	¶	21-9	35	8.5	3.4	5.9	—0.1	16.4	2	—4.2	19	—	—	53	88	17	4	13	8	7	2	0	0	0	0	8	14	12	0	2.12	—	—	
Edinburgh ...	¶	99	61	8.4	2.8	5.6	—	15.6	2	—3.9	20	7.2	—	47	78	15	4	10	5	2	1	0	0	0	0	9	15	—	1	2.31	—	S	
East Craigs ...	¶	99	189	7.3	1.5	4.4	—0.8	15.0	2	—5.3	20	6.3	—	63	73	13	4:20	14	11	4	6	0	0	0	1	16	17	—	0	1.92	—	—	
Penicuik ...	¶	99	184	7.6	2.1	4.9	—	14.9	2	—4.4	20	6.1	8.4	65	80	14	4	15	9	3	5	0	0	0	0	13	18	—	2	2.00	—	—	
Bush House ...	¶	99	184	7.6	2.1	4.9	—	14.9	2	—4.4	20	6.1	8.4	65	80	14	4	15	9	3	5	0	0	0	0	13	18	—	2	2.00	—	—	
Edinburgh ...	¶	99	134	8.2	2.8	5.5	—0.8	15.7	2	—3.0	18	—	—	54	89	15	20	16	7	—	5	—	—	—	0	11	14	—	—	2.24	117	—	
Blackford Hill ...	¶ §	99	134	8.2	2.8	5.5	—0.8	15.7	2	—3.0	18	—	—	54	89	15	20	16	7	—	5	—	—	—	0	11	14	—	—	2.24	117	—	
Royal Botanic Gardens ...	¶	99	26	8.9	2.5	5.7	—0.4	16.3	2	—5.1	18	6.9	—	50	83	14	4	13	6	1	0	0	0	0	0	10	16	—	0	2.28	137	—	
East Lothian																																	
Haddington ...	¶	99	49	8.7	2.4	5.5	—	16.6	2	—5.8	20	—	—	52	87	12	20	15	8	4	3	1	0	0	0	10	14	—	0	2.03	—	S	
Dunbar ...	¶	99	23	9.2	3.6	6.4	—0.3	16.7	2	—2.3	20	—	—	46	83	12	20	12	8	2	2	0	0	0	0	6	11	—	0	2.30	110	—	
Berwick																																	
Mertoun ...	¶	99	69	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Lauder ...	¶	99	183	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—</				

⁴ Eskdalemuir. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

Table 3 Summary of daily observations

For meaning of symbols § § § used below see Notes in the Introduction.

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NOVEMBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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																	
2 ENGLAND NE — continued																																	
Yorkshire N Riding																																	
Leeming ...	21-9	32	8.7	3.4	6.1	—	16.7	1	-5.0	29	—	—	36	61	14	20	15	9	6	4	1	0	0	2	10	16	14	0	2.55	—	—		
Marton ...	99	46	8.7	3.1	5.9	—	16.1	1	-4.0	20	6.8	9.4	76	—	13	21	17	14	8	6	0	3	3	—	7	13	—	0	1.76	—	—		
York (Heslington) ...	99	20	8.8	2.6	5.7	—	16.7	2	-4.8	29	6.3	8.3	52	—	13	20	14	10	5	5	0	0	0	3	10	14	—	0	2.21	—	—		
Redcar ...	99	8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Pickering ...	99	44	8.0	1.3	4.7	—	16.3	2	-8.0	20	—	—	137	—	39	21	17	11	9	9	5	0	3	2	10	17	—	0	—	—	—		
Scarborough ...	99	53	—	—	—	—	15.8	2	-2.2	20, 21	6.6	7.6	79	—	13	21	15	12	5	1	2	0	1	0	5	9	7	6	2.40	143	—		
Silpho Moor ...	99	203	8.1	2.2	5.1	—	14.6	2	-3.4	20	6.1	—	113	—	23	8	20	13	4	6	5	0	1	1	11	17	—	3	2.66	—	—		
Whitby Coastguard ...	21-9	60	8.6	3.8	6.2	—	16.2	2	-3.3	20	—	—	63	—	18	20	15	11	4	1	0	1	0	0	4	5	6	8	—	—	—		
Yorkshire E Riding																																	
High Mowthorpe ...	99	175	7.5	1.9	4.7	—	14.9	2	-5.2	20	7.0	—	82	103	17	8, 20	20	16	—	7	—	—	—	2	10	16	—	—	2.50	—	—		
Hull ...	99	2	9.7	3.5	6.6	-0.5	17.8	4, 6	-2.2	20	7.2	10.4	82	126	21	20	17	13	5	3	0	0	0	0	5	16	—	0	2.44	156	—		
Filey ...	99	37	8.9	2.2	5.5	—	15.8	2	-5.8	20	—	—	78	107	15	20	17	13	2	3	2	0	0	2	6	10	—	0	2.39	—	—		
Bridlington ...	99	48	8.8	2.5	5.7	-0.8	16.0	2	-4.4	20	—	—	90	121	19	20	17	13	2	2	2	5	2	0	6	9	—	7	2.53	129	—		
Kilnsea ...	21-9	12	8.9	4.1	6.5	—	16.5	2	-1.9	20	—	—	75	—	14	20	14	12	8	1	0	4	0	1	2	—	—	6	2.56	—	—		
Lincoln																																	
Waddington ...	21-9	68	8.2	3.1	5.7	-0.7	16.5	3	-2.5	20	—	—	55	—	15	27	13	11	9	3	1	0	0	2	12	12	13	0	2.96	149	—		
Lincoln ...	99	7	8.8	1.2	5.0	-1.2	17.2	3	-6.7	11	7.4	8.6	52	80	13	20	13	10	6	4	0	0	0	1	13	19	—	0	2.67	—	S		
Cranwell ...	99	62	8.7	2.2	5.5	-0.9	15.9	3	-4.5	20	7.0	9.5	57	97	18	20	14	9	7	4	0	0	0	1	12	13	13	0	3.22	160	—		
Brigg ...	99	3	8.8	2.1	5.5	—	17.4	4	-3.9	20	—	—	74	—	19	20	13	12	6	4	0	0	0	2	10	19	—	0	—	—	—		
Binbrook ...	21-9	108	7.5	2.8	5.1	—	16.3	3	-4.6	20	—	—	75	—	15	20	16	11	9	5	0	7	0	1	9	14	13	2	—	—	—		
Cleethorpes ...	99	7	9.3	3.6	6.5	-0.5	17.2	4	-3.8	20	—	—	82	134	17	20	15	14	—	2	—	—	—	0	6	9	—	—	2.54	134	—		
Manby ...	21-9	17	8.8	3.2	6.0	—	16.8	1	-4.8	20	7.3	—	90	153	16	27	15	12	8	4	1	6	1	1	8	15	9	0	2.97	—	—		
Skegness ...	99	5	9.4	2.7	6.1	-0.8	17.0	1	-4.0	20	—	—	86	144	15	20	14	11	5	2	0	0	0	1	5	11	—	0	2.85	140	—		
3 ENGLAND E																																	
Norfolk																																	
Terrington St. Clement ...	99	4	9.1	2.5	5.8	-0.9	15.7	3	-4.3	20	7.6	—	72	137	16	20	16	14	4	0	0	0	0	1	10	16	—	0	2.89	152	—		
Marham ...	21-9	23	8.8	2.4	5.6	—	16.0	3	-6.1	20	—	—	106	—	14	20	21	15	7	3	0	3	0	1	7	10	9	0	—	—	—		
Santon Downham ...	99	24	9.3	1.3	5.3	—	16.1	3	-5.6	11	7.3	9.2	113	171	14	20	21	17	—	3	—	—	—	—	12	18	—	—	2.17	—	—		
West Raynham ...	21-9	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
East Dereham ...	99	53	9.6	2.9	6.3	—	16.3	1	-3.8	20	—	—	130	—	19	20	24	17	—	3	—	—	—	3	6	13	—	—	—	—	—		
Morley St Botolph ...	99	48	9.1	2.4	5.7	—	15.5	3	-4.7	20	6.5	—	112	—	17	20	21	16	5	2	0	1	0	—	8	14	—	1	2.56	—	—		
Cromer ...	99	54	—	—	—	—	—	—	—	—	—	—	88	117	12	8	22	14	1	—	0	0	0	3	5	4	—	0	2.37	118	—		
Coltishall ...	21-9	17	9.5	3.7	6.6	—	16.0	1, 3	-2.1	30	—	—	96	—	13	20	22	15	7	0	4	2	3	0	14	11	6	0	—	—	—		
Burlingham ...	99	27	9.7	3.4	6.5	—	15.7	1, 2	-1.7	20	—	—	111	159	15	18	19	17	3	2	0	5	1	0	4	11	—	0	2.55	—	—		
Gorleston ...	21-9	4	9.5	4.5	7.0	-0.7	16.6	1	-0.4	20	7.8	10.8	96	138	10	18	21	16	5	0	0	7	1	0	1	6	4	5	2.81	147	—		
Suffolk																																	
Brooms Barn ...	99	75	9.1	2.3	5.7	—	16.1	2	-3.3	20	6.3	8.9	77	—	12	27	19	14	9	2	0	1	0	1	11	12	—	1	2.75	—	—		
Honington ...	99	51	8.8	3.0	5.9	—	16.3	2	-3.8	20	—	—	82	—	9	20	20	14	9	3	0	3	0	1	8	14	13	0	—	—	—		
East Bergholt ...	99	4	9.8	1.7	5.7	—	17.1	1	-3.6	20	—	—	75	114	13	20	21	13	—	—	—	—	—	0	12	21	—	—	—	—	—		
Wattisham ...	21-9	89	8.3	2.3	5.3	—	15.6	1	-4.5	20	—	—	79	129	12	27	18	13	9	3	0	2	0	2	9	13	14	0	2.87	—	—		
Lowestoft ...	99	25	10.1	3.6	6.9	-0.5	16.9	1	-1.9	20	7.6	8.8	87	126	13	20	19	15	3	2	4	0	1	0	3	4	4	0	2.55	128	S		
Cambridge																																	
Boxworth ...	99	44	9.3	2.6	5.9	—	15.9	2	-2.5	20	—	—	63	120	13	5	16	12	1	0	0	0	0	1	12	15	—	0	3.30	—	—		
Mepal ...	99	1	9.8	2.0	5.9	—	16.1	1, 3	-4.2	20	7.7	—	63	—	11	17, 27	15	11	5	2	0	0	0	1	11	18	—	2	2.85	—	—		
March ...	99	2	9.5	2.5	6.0	—	16.4	2	-3.3	20	—	—	71	124	17	20	16	12	—	2	—	—	—	—	10	—	—	—	—	—	—		
Cambridge Botanic Gardens	99	12	9.6	2.1	5.9	-0.8	17.0	2	-3.0	11	6.8	9.6	63	118	11	20	17	13	2	—	0	0	0	0	6	14	—	0	—	—	—		
N I A B	99	26	9.5	1.7	5.6	-1.1	16.2	2	-4.0	20	—	—	62	117	13	27	17	14	3	0	0	0	0	2	11	14	—	0	3.21	170	—		
Huntingdon																																	
Monks Wood ...	99	40	9.2	2.4	5.8	—	16.1	2	-4.0	20	7.3	9.9	53	—	13	20	15	9	—	1	—	—	—	1	11	17	—	—	3.52	—	—		
Wyton ...	21-9	39	9.0	3.4	6.2	—	16.2	2	-2.5	20	—	—	58	107	12	20	16	9	7	1	0	2	0	1	11	13	14	0	—	—	—		
Bedford																																	
Woburn ...	99	89	9.1	2.3	5.7	-0.6	15.7	1	-5.5	11	7.2	10.5	67	108	17	5	13	8	2	1	0	1	0	(0)	12	15	—	0	3.21	163	—		
Silsoe ...	99	61	9.4	2.3	5.9	—	15.9	1	-4.2	11	6.2	10.0	58	101	12	20	14	10	2	2	0	0	0	0	1	11	15	16	—	3.17	—	—	
Cardington ...	21-9	28	9.3	2.4	5.9	-0.7	16.4	2	-4.7	20	7.6	10.0	68	78	19	5	14	10	5	1	0	0	0	1	10	17	14	0	3.27	—	—		
Luton ...	99	159	9.1	2.7	5.9	—	16.0	2	-2.3	20	7.7	10.3	47	—	11	27	13	8	—	2	—	—	—	8	9	16	—	—	2.92	—	—		
Hertford																																	
Aldenham School ...	99	91	9.5	1.9	5.7	—	16.2	2	-4.5	20	7.4	—	71	—	19	20	15	8	3	1	0	0	1	3	11	18	—	0	—	—	—		
Garston ...	99	78	9.6	2.6	6.1	—	16.5	2	-3.2	20	—	—	71	95	19	5	13	8	—	1	—	—	—	5	10	17	17	—	3.08	—	—		
Rothamsted ...	99	128	8.7	1.9	5.3	-0.9	15.6	1	-3.6	20	7.7	10.0	69	90	17	20	16	11	5	1	0	0	0	4	11	17	—	0	2.80	146	—		
St Albans ...	99	83	9.3	2.5	5.9	-0.5	16.2	2	-3.4	20	7.8	—	74	104	17	5	12	10	5	1	0	0	0	6	10	19	—	0	(2.94)	—	S		
Letchworth ...	99	59	10.7	1.9	6.3	—	16.7	1	-3.7	20	—	—	64	111	14	5	12	11	—	—	—	—	—	11	17								

Table 3 Summary of daily observations

For meaning of symbols $\$$ $\$$ $\$$ used below see Notes in the Introduction.

NOVEMBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure		
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more															
4 MIDLAND COUNTIES — continued																																			
Yorkshire W Riding — continued																																			
Huddersfield	99	99	9.5	3.4	6.5	—	17.3	4	-3.6	20	7.4	9.6	71	85	19	20	14	12	—	2	—	—	—	—	—	—	—	—	—	—	—	—	2.36	189	—
Huddersfield Oakes	21-9	235	7.8	2.9	5.3	-0.7	15.2	1	-2.8	20	6.2	8.3	81	81	19	20	16	11	5	2	0	1	1	4	10	15	12	2	2.75	165	—	—	—		
Bradford	99	134	(8.7)	2.5	(5.6)	(-0.6)	15.4	2, 4	-4.1	20	7.3	9.6	56	62	19	20	12	10	5	1	0	0	0	1	10	19	—	0	2.25	173	S	—			
Ilkley	99	96	(9.1)	(3.1)	(6.1)	(0.0)	16.5	2	-4.0	20, 29, 30	—	—	61	63	28	20	12	8	5	2	0	0	0	0	7	11	—	0	2.24	137	S	—			
Sheffield	99	131	9.1	1.8	5.5	-1.4	16.8	4	-1.7	20	6.8	9.9	63	76	18	20	13	10	4	4	0	0	0	—	4	12	—	0	2.62	186	S	—			
Pontefract	99	78	8.7	3.1	5.9	-0.6	16.8	4	-2.5	20	—	—	42	72	12	20	16	9	5	3	0	0	0	3	10	12	—	0	—	—	—	—			
Bramham	99	54	8.7	2.3	5.5	—	16.1	2	-4.7	20	—	—	—	—	—	—	—	—	6	2	0	0	0	2	10	18	—	0	—	—	—	—			
Cawood	99	6	9.1	2.2	5.7	—	16.5	2	-5.2	20	6.4	8.7	49	82	17	20	14	9	6	6	0	0	1	3	10	17	—	0	2.39	—	—	—			
Askham Bryan	99	34	8.9	2.1	5.5	—	16.5	2	-4.8	29	—	—	45	71	16	20	13	8	9	5	0	0	0	3	11	17	—	0	2.35	149	—	—			
Derby																																			
Buxton	99	307	7.6	1.9	4.7	-0.6	14.4	4	-3.4	29	6.5	9.5	156	124	41	20	19	14	5	0	0	0	0	4	14	14	—	0	—	—	—	—			
Mackworth	99	89	8.7	1.8	5.3	—	16.5	4	-5.7	29	—	—	68	—	16	27	13	9	—	1	—	—	—	1	9	—	—	0	—	—	—	—			
Ashover	99	186	8.4	2.6	5.5	—	15.6	3	-3.4	20	—	—	87	—	24	20	13	10	5	3	0	0	0	2	11	16	—	0	2.64	—	—	—			
Derby	99	48	9.4	3.1	6.3	—	17.4	4	-3.9	29	—	—	69	101	22	20	14	9	3	1	0	0	0	2	7	19	—	0	2.13	—	—	—			
Morley	99	107	8.9	1.2	5.1	—	16.7	4	-5.0	29	—	—	73	99	23	20	14	10	—	0	—	—	—	2	14	17	—	0	2.09	—	—	S			
Wingerworth	99	126	8.7	2.0	5.3	—	16.0	3	-5.6	20	7.1	—	80	—	22	20	13	10	5	3	0	2	0	1	11	17	—	0	2.60	—	—	—			
Nottingham																																			
Sutton Bonington	99	48	9.3	(2.4)	(5.9)	(-0.5)	16.7	4	-5.6	29	7.0	9.3	54	96	16	20	10	9	5	1	0	0	0	1	9	17	—	0	2.39	144	—	—			
Wattall	21-9	117	8.2	2.9	5.5	-1.0	16.2	4	-3.6	20	—	—	74	109	25	20	15	9	7	2	0	1	0	2	10	16	12	0	2.12	125	—	—			
Mansfield	99	110	8.1	(3.1)	(5.6)	(-0.9)	16.0	3	-2.3	20	7.1	—	65	90	18	20	11	9	5	3	0	0	0	0	9	18	—	0	—	—	—	—			
Nottingham	99	59	9.5	3.1	6.3	-0.6	17.0	4	-2.9	20	6.2	9.2	62	108	21	20	12	9	6	1	0	0	0	1	8	13	—	0	2.43	164	—	—			
Warsop	99	46	9.3	2.2	5.7	—	16.8	4	-5.3	20	—	—	56	92	17	20	11	9	—	2	—	—	—	3	11	18	—	—	2.66	—	—	—			
Finningley	21-9	10	9.0	3.5	6.3	-0.4	18.5	4	-3.2	29	—	—	40	72	10	27	12	7	6	3	0	1	0	2	6	13	13	0	2.36	—	—	—			
Leicester																																			
Newtown Linford	99	119	8.7	2.1	5.4	—	15.7	1, 4	-4.8	29	—	—	60	89	16	20	15	10	3	1	0	0	0	2	10	13	—	0	2.78	—	—	—			
Caldecott	99	53	9.4	1.2	5.3	—	16.1	1	-7.7	11	—	—	47	81	14	20	13	10	—	0	—	—	—	2	12	17	—	—	2.84	—	—	—			
Northampton																																			
Bugbrooke Mills	99	69	(9.4)	(1.3)	(5.3)	—	16.3	1	-5.5	29	7.6	10.0	63	105	20	20	13	8	—	0	—	—	—	1	(15)	—	—	—	0	3.06	—	—	—		
Raunds	99	59	9.2	1.9	5.5	-0.8	15.7	4	-4.6	11	6.8	9.9	53	91	15	20	13	9	5	1	0	0	0	2	11	18	—	2	2.96	175	S	—			
Wittering	99	65	8.7	2.9	5.8	-0.8	16.2	3	-3.3	20	—	—	52	88	17	20	14	10	6	1	0	2	0	2	10	14	12	0	3.48	—	—	—			
Warwick																																			
Birmingham	99	137	(9.2)	(1.7)	(5.5)	—	16.4	4	-3.2	11	—	—	75	97	15	27	16	9	1	0	0	0	0	1	—	—	—	—	0	—	—	—			
King Edward School	21-9	163	8.4	3.8	6.1	-0.6	16.0	4	-1.3	10, 20	7.9	—	77	96	17	20	17	9	5	0	0	0	0	1	5	13	14	0	2.90	182	—	—			
Edgbaston	99	56	9.6	1.7	5.7	—	15.9	1	-5.3	11	—	—	61	—	12	20	14	9	1	0	0	0	0	5	13	19	—	0	3.20	—	—	—			
Luddington	99	49	9.8	0.6	5.2	—	16.2	1	-6.8	23	7.9	—	67	115	14	20	15	11	1	0	0	1	0	2	14	24	—	0	2.94	—	—	—			
Stratford	99	96	8.8	2.9	5.9	—	15.9	4	-5.1	20	—	—	74	—	17	20	14	10	5	0	0	0	0	0	13	15	13	0	3.10	—	—	—			
Elmdon	21-9	96	9.8	2.9	5.9	—	15.9	4	-5.1	20	—	—	74	—	17	20	14	10	5	0	0	0	0	1	10	19	—	1	3.38	—	—	—			
Shipston-on-Stour	99	111	9.5	2.3	5.9	—	16.2	3	-4.4	11	7.8	—	66	98	14	20	15	10	1	0	0	0	0	1	10	19	—	—	2.51	—	—	—			
Wellesbourne	99	47	(9.4)	(1.5)	(5.5)	—	15.9	1	-6.2	11	—	—	65	105	19	24	12	10	—	—	—	—	(12)	—	18	—	—	—	0	3.16	—	—	—		
Moreton Morrell	99	85	9.3	1.8	5.5	—	16.2	1	-5.5	11	—	—	67	107	19	20	15	9	0	0	0	0	0	1	14	19	—	—	0	3.16	—	—	—		
Rugby	99	117	9.1	1.8	5.5	-0.7	16.1	4	-5.4	20	5.4	9.1	62	96	19	20	17	10	3	1	0	0	1	—	14	16	15	0	—	—	—	—			
Oxford																																			
Brize Norton	21-9	84	9.5	2.8	6.1	—	16.3	2	-4.4	29	—	—	57	—	17	20	12	8	4	0	0	0	0	2	9	15	—	0	—	—	—	—			
Oxford	99	63	9.8	2.9	6.3	-0.7	16.6	2	-2.8	11	6.9	9.6	61	93	20	20	14	9	1	0	0	0	0	1	7	17	—	0	3.40	166	—	—			
Shirburn Model Farm	99	108	9.4	0.8																															

Table 3 Summary of daily observations

For meaning of symbols 1 5 8 S used below see Notes in the Introduction.

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	amount (mm)	most in a day	date	precip'n		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								0.2mm or more	1.0mm or more															
5 ENGLAND SE																																		
Greater London																																		
Kensington Palace ...	99	25	10.3	1.9	6.1	-1.6	17.5	2	-3.8	20	8.3	10.9	68	103	19	5	14	8	2	0	0	0	0	2	11	18	—	0	—	—	—	—	—	
Hampstead ...	99	137	9.5	2.5	6.0	-0.6	16.2	2	-2.7	20	—	—	67	95	16	27	13	11	1	1	0	1	0	—	10	17	—	0	3.36	192	S	—	—	
St James Park ...	99	4	10.3	(4.1)	(7.2)	(-0.8)	16.5	2	-2.0	20	—	—	63	101	18	27	13	9	2	—	0	0	0	—	1	14	—	0	—	—	—	—	—	
Regents Park ...	99	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
London W/Centre ...	99	7	11.1	3.4	7.3	—	17.2	2	-2.2	20	—	—	50	82	12	27	10	9	0	0	0	0	0	0	5	21	—	0	3.03	216	—	—	—	
Greenwich ...	21-9	25	9.9	3.6	6.7	-0.5	16.9	2	-3.0	20	—	—	64	100	19	27	12	7	3	1	0	0	0	1	3	5	16	11	0	3.21	—	—	—	
Heathrow ...	99	12	10.4	3.2	6.8	—	16.8	2	-2.2	20	—	—	60	96	17	27	11	8	1	0	0	0	0	2	5	15	—	0	3.49	—	—	—	—	
Hampton ...	99	67	10.4	3.1	6.7	—	16.6	2	-2.3	20	9.2	—	69	103	18	5	12	9	2	1	0	2	0	2	8	18	—	0	2.94	—	—	—	—	
Wealdstone ...	99	5	9.8	2.5	6.1	—	16.6	2	-3.4	20	7.9	10.1	67	106	19	5	11	8	2	1	0	1	1	2	8	18	13	0	3.44	194	—	—	—	
Southgate ...	99	67	10.4	3.1	6.7	—	16.6	2	-2.3	20	9.2	—	69	103	18	5	12	9	2	1	0	2	0	2	8	18	—	0	2.94	—	—	—	—	
Kew ⁷ ...	99	5	9.8	2.5	6.1	—	16.6	2	-3.4	20	7.9	10.1	67	106	19	5	11	8	2	1	0	1	1	2	8	18	13	0	3.44	194	—	—	—	
Waddon ...	99	59	10.3	2.9	6.6	-0.8	16.7	2	-3.3	20	—	—	50	65	13	27	12	9	—	—	—	—	—	—	6	—	—	—	—	—	—	—	—	
Addington ...	99	144	9.4	2.8	6.1	-0.7	15.8	1	-2.7	20	—	—	54	68	17	27	16	9	—	—	—	—	—	0	9	—	—	—	—	—	—	—	—	
Bromley ...	99	65	9.7	3.8	6.7	-0.6	16.1	2	-1.7	20	—	—	46	65	13	27	11	10	—	1	—	—	—	—	2	2	—	—	—	—	—	—	—	
Surrey																																		
Gatwick ...	21-9	59	9.6	1.7	5.7	-1.2	16.7	2	-5.8	20	—	—	66	75	18	20	14	9	5	1	0	1	0	4	10	19	14	0	3.54	—	—	—	—	
Witley ...	99	35	10.3	2.2	6.3	-0.5	16.4	2	-3.4	20	7.7	10.0	53	—	16	27	13	8	—	1	—	—	—	4	11	18	—	0	3.24	—	—	—	—	
Mickleham ...	99	55	10.0	0.6	5.3	—	16.0	2	-5.4	20	6.9	9.4	64	75	18	27	12	9	1	1	0	0	0	1	16	19	—	0	—	—	—	—	—	
Kent																																		
Hadlow College ...	99	30	9.9	1.6	5.7	—	16.0	2	-3.4	20	8.1	10.2	49	—	16	20	12	9	4	0	0	0	1	4	10	19	—	0	2.98	—	—	—	—	
Gillingham ...	99	4	10.6	3.8	7.2	—	17.8	1	-1.4	20	—	—	48	69	11	20	15	9	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	
Peckham ...	21-9	29	9.5	2.2	5.9	—	16.8	1	-2.7	29	—	—	41	—	11	20	13	10	4	0	0	0	0	6	8	20	16	0	2.80	—	—	—	—	
Dungeness ...	21-9	3	10.2	3.3	6.7	-1.5	15.4	1	-2.2	20	—	—	52	67	11	24	12	8	1	0	0	0	1	3	4	—	—	4	—	—	—	—	—	
Whitstable ...	99	3	10.6	4.0	7.3	—	17.0	2	-1.2	20	—	—	51	78	14	20	15	13	1	0	1	0	1	0	2	—	—	6	3.34	—	—	—	—	
Folkestone ...	99	9	9.8	2.5	6.1	—	15.6	2	-2.0	20	—	—	56	—	14	20	18	11	—	0	—	—	—	—	—	—	—	—	—	—	—	—	—	
Elmstone ...	99	31	10.2	3.9	7.1	—	16.0	2	-1.0	20	—	—	49	—	14	20	16	13	0	0	0	1	1	2	1	—	—	0	3.14	—	—	—	—	
Herne Bay ...	99	6	10.4	4.8	7.6	-0.7	16.3	1	-1.1	19	9.3	11.0	102	110	28	20	18	13	3	0	3	0	3	4	—	—	0	3.59	—	—	—	—	—	
Dover ...	21-9	44	9.5	4.3	6.9	—	16.0	2	-1.0	20	—	—	52	78	9	20	19	11	7	0	1	0	1	1	3	9	3	0	—	—	—	—	—	
Manston ...	99	16	(10.6)	5.4	(8.0)	(-0.4)	16.1	2	1.2	24	8.2	10.7	53	—	12	20	17	12	1	0	0	1	0	1	0	0	—	1	3.04	152	S	—	—	
Margate ...	99	85	9.8	1.8	5.8	—	16.6	1	-3.9	20	—	—	52	52	13	20	14	9	2	0	0	0	0	1	1	10	21	—	0	—	—	—	—	
Goudhurst ...	99	37	10.4	2.3	6.3	-0.4	17.3	1	-3.8	20	7.3	9.8	41	52	11	20	13	9	3	0	0	0	0	2	7	15	—	2	3.53	191	—	—	—	
East Malling ...	99	150	9.3	2.8	6.1	—	16.6	1	-2.8	20	7.4	10.0	59	63	15	20	21	11	3	0	0	0	0	1	5	15	—	5	3.08	—	—	—	—	
Throwley ...	99	48	10.0	3.3	6.7	—	17.1	1	-2.2	20	7.8	10.2	53	—	16	20	14	13	3	0	0	1	0	0	5	15	—	0	3.42	—	—	—	—	
Faversham ...	99	56	10.0	2.8	6.4	-0.5	16.3	1	-2.2	20	8.2	10.2	63	69	15	20	15	12	2	0	0	0	0	6	5	19	—	2	3.21	157	—	—	—	—
Wye ...	99	3	10.3	3.4	6.8	—	16.7	2	-2.8	20	—	—	61	76	16	27	15	9	1	0	0	0	0	3	4	18	12	0	2.40	—	—	—	—	
Sussex																																		
Thorney Island ...	21-9	3	10.3	3.4	6.8	—	16.7	2	-2.8	20	—	—	61	76	16	27	15	9	1	0	0	0	0	3	4	18	12	0	2.40	—	—	—	—	
Rogate ...	99	64	10.1	2.2	6.1	—	16.4	2	-3.6	20	8.7	—	84	—	27	20	13	10	1	0	0	0	0	3	(10)	18	—	0	—	—	—	—	—	
Bognor Regis ...	99	7	10.7	3.2	6.9	-1.2	15.4	1	-1.8	20	—	11.7	50	58	17	20	12	10	0	0	0	0	0	2	7	14	—	2	3.63	149	—	—	—	
Fernhurst ...	99	57	10.3	1.4	5.9	—	16.6	2	-4.7	20	7.1	—	68	63	22	20	12	9	1	—	0	0	0	—	11	18	—	0	3.16	—	—	—	—	
Littlehampton ...	99	5	10.5	2.8	6.7	-1.2	15.6	2	-2.0	25	—	10.9	56	64	17	20	12	10	0	0	0	0	0	3	—	—	0	3.60	153	—	—	—	—	
Rustington ...	99	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

Table 3 Summary of daily observations

For meaning of symbols ¶ § \$ S used below see Notes in the Introduction.

NOVEMBER,

1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
			max. (a)	min. (b)	daily mean (mean of a + b)	difference from 1931-60 average	max.	date	min.	date					amount (mm)	date	0.2mm or more	1.0mm or more														
5 ENGLAND SE — continued																																
Wiltshire																																
Lacock ...	99	49	8.8	0.2	4.5	—	15.3	2	-6.1	11	—	—	59	76	17	27	10	8	—	0	—	—	—	3	14	19	—	—	—	—	—	—
Lyneham ...	21-9	145	9.1	3.1	6.1	-0.5	15.4	1, 2	-3.3	20	—	—	67	90	21	27	13	8	4	0	0	1	0	1	2	11	14	14	0	3.51	—	—
Larkhill ...	99	132	9.7	1.4	5.5	-1.0	16.0	2	-5.3	29	—	—	65	81	19	20	14	8	1	0	0	0	0	0	4	11	17	13	0	—	—	
Boscombe Down ...	21-9	126	9.5	2.3	5.9	-0.9	15.7	2	-4.2	20	—	—	60	74	16	20	12	8	2	0	0	0	0	0	4	11	17	14	2	3.58	—	—
Upavon ...	21-9	176	8.7	2.4	5.5	—	15.3	2	-5.3	20	—	—	60	72	17	20	13	18	2	0	0	0	0	0	5	11	18	14	0	—	—	
Porton ... ¶ §	99	111	(9.6)	(0.9)	(5.3)	(-1.2)	15.6	2	-5.0	20	(7.1)	—	72	85	21	5	11	7	—	0	—	—	—	4	10	20	17	—	3.52	164	—	
7a ENGLAND NW																																
Cumberland																																
Sellafield ...	99	13	9.9	4.1	7.0	—	14.5	2	-1.5	20	—	—	92	89	28	20	16	13	—	0	—	—	—	9	1	12	—	—	2.30	—	—	
Bromfield ...	99	20	9.1	2.6	5.9	—	14.9	2	-4.0	10	—	—	90	—	33	4	19	11	1	0	0	0	1	0	14	13	—	1	—	—	—	
Carlisle ...	21-9	26	8.4	3.4	5.9	—	15.4	2	-5.6	20	—	—	83	—	21	4	15	11	4	0	0	0	0	0	0	11	13	11	0	2.12	—	—
Newton Rigg ¶ §	99	171	8.4	2.2	5.3	-0.3	14.4	1, 2	-6.1	20	6.3	—	82	96	26	4	14	18	—	1	—	—	—	0	14	18	—	—	1.89	119	—	
Westmorland																																
Great Dun Fell ...	21-9	847	2.1	-0.9	0.6	—	8.7	4	-7.8	19	—	—	—	—	—	—	—	—	—	12	—	—	—	23	20	—	—	—	0.90	—	—	
Moor House ‡	99	556	5.1	-0.4	2.3	—	11.0	2	-8.4	20	4.9	—	173	88	36	17	22	16	—	8	—	—	—	5	18	22	—	—	1.37	—	—	
Lancashire																																
Squires Gate ...	21-9	10	9.1	4.5	6.8	-0.6	15.2	2	-4.4	20	—	—	70	81	19	20	19	11	2	0	0	0	0	0	5	10	9	0	2.35	134	—	
Aigburth ...	99	14	9.8	4.2	7.0	—	16.5	1	-0.8	29	—	—	101	—	22	20	17	14	1	0	0	2	0	1	4	12	12	0	2.78	—	—	
Southport ...	99	5	9.6	3.0	6.3	—	16.7	1	-3.4	10	6.9	10.9	69	78	21	20	16	19	—	0	—	—	—	1	8	12	—	—	2.48	—	—	
Cartmel ...	99	34	9.1	2.4	5.7	—	14.0	1	-6.3	20	—	—	101	—	27	20	18	11	1	0	0	0	0	2	0	—	—	0	—	—	—	
Grizedale ...	99	91	—	(1.3)	—	—	—	—	-6.4	20	(7.2)	—	179	—	40	20	17	15	1	0	0	0	0	—	13	20	—	1	—	—	S	
Speke ...	21-9	22	9.3	4.3	6.8	-0.5	18.1	4	-2.4	29	—	—	95	127	25	20	18	14	5	0	1	2	1	3	10	10	0	2.81	—	—	—	
Kirkham ...	99	24	9.2	2.3	5.7	—	15.4	2	-4.6	20	—	—	67	71	16	20	18	15	1	0	0	3	0	0	11	16	—	0	2.36	—	—	
Bailrigg ...	99	53	9.2	2.9	6.1	—	14.8	1, 2	-3.9	20	—	—	77	—	16	20	16	13	—	0	—	—	—	2	9	15	—	—	2.16	—	—	
Morecambe ...	99	7	8.9	3.9	6.4	-0.7	14.9	2	-3.0	20	—	—	66	67	16	20	16	12	1	0	0	0	0	0	3	—	—	0	2.24	126	—	
Preston ...	99	33	(9.2)	2.8	(6.0)	—	16.3	1	-4.7	20	—	—	77	78	19	20	17	13	2	0	0	2	0	3	11	11	—	0	—	—	—	
Bolton ...	99	107	8.7	2.3	5.5	—	15.8	4	-4.5	20	6.9	8.9	117	—	37	20	18	16	—	1	—	—	—	4	8	15	—	—	2.27	—	—	
Stonyhurst ¶ §	99	115	8.9	2.3	5.6	-0.7	15.7	2	-5.0	20	—	—	100	83	27	21	15	12	—	0	—	—	—	6	14	16	—	—	2.03	127	—	
Manchester W/Centre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.32	—	—	
Helmshore ...	99	260	7.5	1.8	4.6	—	14.2	2	-3.9	20	6.9	—	139	86	31	20	19	17	—	0	—	—	—	3	9	14	—	—	—	—	S	
Burnley ...	99	200	(7.3)	2.6	(4.9)	—	15.4	1	-3.3	20	7.7	9.4	102	—	26	20	17	12	2	0	0	0	0	0	10	20	—	2	—	—	—	
Nelson ... ‡	99	165	8.2	2.0	5.1	—	15.4	2	-4.9	20	6.4	9.0	108	92	24	20	15	10	—	0	—	—	—	0	15	17	—	—	2.14	—	—	
Rochdale ...	99	110	8.8	(2.1)	(5.5)	—	16.1	4	-5.3	20	—	—	120	100	35	20	16	14	2	0	0	0	0	0	3	13	21	—	0	1.64	—	S
Cheshire																																
West Kirby Park ...	99	8	10.2	4.3	7.3	—	18.4	1	-2.6	10	—	—	94	125	22	20	20	13	—	0	—	—	—	4	9	—	—	—	2.54	—	—	
Ness Gardens ...	99	55	(10.0)	4.1	(7.1)	—	17.5	1	-2.3	29	—	—	81	—	16	20	17	12	2	0	0	2	0	2	4	13	—	1	2.46	—	—	
Winnington ...	99	20	10.0	3.1	6.5	—	18.7	4	-2.2	29	—	—	84	114	22	20	17	11	1	0	0	0	0	2	11	13	—	0	—	—	—	
Knutsford ...	99	65	(9.2)	2.7	(5.9)	—	17.8	4	-3.6	10	7.1	9.4	94	116	27	20	15	11	—	0	—	—	—	13	—	—	—	—	—	—	—	
Ringway ... ¶ §	21-9	75	8.5	3.7	6.1	-0.6	17.2	4	-2.9	20	—	—	88	114	24	20	16	12	5	0	0	1	0	2	8	10	10	0	2.57	178	—	
Macclesfield ...	99	152	8.4	2.2	5.3	-0.8	16.1	4	-3.9	10, 19	—	—	115	132	28	20	16	11	4	0	0	0	0	0	13	—	—	0	—	—	—	
7b NORTH WALES																																
Flint																																
Rhyl ... ¶ §	99	9	10.3	4.9	7.6	-0.3	16.1	1	-1.7	29	—	—	77	119	13	20	16	13	0	0	0	1	0	0	3	8	—	0	2.01	110	—	
Prestatyn ...	99	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2.04	120	—	
Hawarden Bridge ...	99	5	10.9	4.2	7.5	+0.2	19.7	1	-3.2	29	—	—	89	127	20	20	17	14	2	(0)	0	0	0	(2)	4	—	—	(0)	—	—	—	
Anglesey																																
Valley ... ¶ §	21-9	10	10.5	6.8	8.7	0.0	15.3	1	0.5	20	—	—	102	112	25	20	20	15	2	1	0	4	1	0	0	6	4	6	1.75	90	—	
Denbigh																																
Colwyn Bay ...	99	24	10.6	6.3	8.5	—	16.2	1	0.4	29	9.1	—	123	—	24	20	20	15	0	0	0	1	0	0	0	—	—	0	1.98	116	S	
Alwen ...	99	335	7.8	1.6	4.7	—	13.3	1	-7.8	29	—	—	153	—	39	20	18	18	—	—	—	—	—	—	11	17	—	—	—	—	—	
Ruthin ...	99	76	9.7	2.8	6.3	—	15.9	4	-4.9	10	—	—	104	—	22	20	17	14	—	1	—	—	—	—	0	10	—	—	2.28	—	—	
Loggerheads ‡	99	210	8.7	1.7	5.2	—	15.2	1, 4	-5.6	10	7.4	7.9	145	—	32	10	20	16	3	2	1	0	1	1	13	18	—	0	1.75	—	S	
Bwlchgwyn ...	99	386	7.3	2.4	4.9	—	13.3	1	-3.6	19	7.0	—	144	125	29	20	19	15	3	3	0	0	0	2	10	16	—	0	—	—	—	
Wrexham ...	99	88	10.1	3.6	6.9	—	16.9	2	-2.9	29	—	9.7	130	159	29	20	21	13	2	1	1	0	0	2	6	14	—	0	—	—	—	
Caernarvon																																
Bardsey Island ...	21-9	18	10.7	7.4	9.1	—	14.9	4	1.2	30	—	—	120	—	28	20	20	16	—	0	—	—	—	0	0	0	0	—	—	—	—	
Botwnnog ‡	99	34	(10.5)	5.8	(8.1)	—	14.9	1	-1.6	20	9.6	11.4	163	—	36	20	21	16	1	1	0	1	0	0	3	7	—	3	1.71	—	—	
Pen-y-Ffridd	99	84	10.0	5.2	7.6	—	15.7	1	-0.3	20	—	—	163	128	29	20	24	19	2	0	2	2	0	1	1	15	—	0	1.30	—	—	
Aber ...	99	18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Merioneth																																
Trawsfynydd ...	99	186	(8.9)	3.7	(6.3)	—	14.5	4	-2.5	20	—	—	188	—	55	20	23	18	—	2	—	—	—	2	6	14	—	—	—	—	—	
Bala ...	99	163	9.2	2.7	5.9	—	14.7	4	-5.4	29	7.9	9.9	124	—	25	20	19	18	2	0	0	5	1	1	9	16	—	0	1.66	—	—	
Corwen ...	99	144	9.1	1.7	5.4	—	14.7	1	-7.0	10	—	—	118	103	25	20	20	16	4	2	2	0	0	—								

District, county and place	max. min.	terminal in (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 1915-50 average	most in a day		precip'n		snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost 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	0.2mm or more	1.0mm or more												
8a SOUTH WALES — continued																															
Carmarthen																															
Carmarthen ...	99	15	10.7	2.7	6.7	—	15.0	2	—5.6	10	10.2	11.6	156	—	41	20	19	15	1	1	2	1	0	0	11	18	—	1	2.33	—	—
Esgairwen-Uchaf ...	99	332	8.2	2.8	5.5	—	13.0	1, 2	—3.1	20	—	—	153	—	29	20	23	18	4	1	2	3	1	6	10	13	—	2	—	—	
Brynamman ...	21-9	183	9.2	3.9	6.5	—	14.7	2	—3.6	10	—	—	152	—	34	20	21	17	4	—	2	1	0	2	9	14	—	0	—	—	
Radnor																															
Cenarth Mill ...	21-9	282	8.3	2.1	5.2	—	15.2	1	—7.9	10	—	—	104	—	24	20	20	15	—	0	—	—	—	0	13	16	—	—	—	—	
Llandrindod Wells ¶ §	99	235	9.1	1.9	5.5	—0.5	14.7	1	—6.8	29	8.3	—	83	74	20	20	12	12	5	0	1	0	0	0	11	—	—	0	1.92	132	
Brecknock																															
Llwynon ...	99	242	8.9	2.2	5.5	—	14.1	2	—4.4	20	—	—	147	—	42	20	17	15	2	0	0	0	0	2	11	—	—	0	2.23	—	
Glamorgan																															
Mumbles ...	21-9	36	10.6	5.8	8.2	—	15.6	2	—0.8	29	—	—	—	—	—	—	—	1	0	1	0	0	0	0	1	10	7	0	—	—	
Penmaen ...	99	82	10.3	4.8	7.5	—	15.0	2	—1.6	10	9.3	11.2	137	—	43	20	20	17	1	0	0	1	1	1	3	12	—	0	2.58	—	
Swansea ... ‡	99	8	(11.0)	(4.9)	(7.9)	(—0.7)	16.2	2	—4.0	21	7.9	11.8	130	—	40	20	19	14	1	0	0	0	0	0	4	—	—	0	—	—	
Port Talbot ...	99	7	11.1	4.6	7.9	—	17.5	2	—3.0	20, 29	—	—	108	91	36	20	16	14	2	0	0	0	1	0	3	12	—	—	2.60	—	
Neath ...	99	62	11.2	4.6	7.9	—	15.1	2	—2.2	20, 29	—	—	117	86	37	20	18	14	2	0	0	0	1	0	4	14	—	—	—	—	
Rhosee ... §	21-9	67	10.4	4.0	7.2	—	16.7	2	—3.4	20	—	—	113	—	43	20	16	12	2	0	0	0	0	0	9	14	14	0	3.55	177	
Cardiff ... ¶ ‡	99	62	10.7	3.7	7.2	—0.4	16.6	2	—2.5	20	9.1	11.4	85	76	27	30	15	11	1	—	0	0	0	0	4	12	—	—	3.15	—	
Monmouth																															
Tredegar ...	99	313	8.6	2.0	5.3	—	14.6	3	—4.8	29	—	—	128	71	34	20	18	16	4	1	0	0	0	3	9	19	—	0	2.44	—	
Newport ...	99	23	—	(3.1)	—	—	—	—	(—4.4)	29	—	—	82	78	22	20	12	10	1	0	0	0	0	0	(8)	17	—	0	3.40	—	
Usk ...	99	21	(11.3)	(2.1)	(6.7)	—	17.8	2, 3	—5.6	20	(8.8)	—	80	57	17	20	12	11	—	0	—	—	—	—	9	(16)	—	—	3.81	—	
Crumblant ...	99	245	9.0	2.7	5.9	—	14.7	2, 3	—2.5	20	7.2	9.4	61	56	17	20	14	11	0	0	0	0	0	3	9	14	—	0	3.54	—	
8b ENGLAND SW																															
Somerset																															
HawkrIDGE ...	99	314	9.0	2.5	5.7	—	14.4	2	—4.4	20	—	—	185	106	57	20	22	16	2	2	0	3	0	0	9	20	—	0	3.62	—	
Nettlecombe ...	99	96	10.8	2.1	6.5	—	16.6	2	—4.3	20	7.9	—	99	—	32	20	17	14	—	0	—	—	—	0	9	22	—	—	—	—	
Cannington ...	99	23	10.3	3.4	6.9	—	15.8	4	—2.8	29	8.8	—	68	84	23	20	13	9	0	—	0	0	0	0	7	12	—	0	4.15	204	
Cricket Malherbie	99	76	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Ceddar ...	99	11	(10.9)	(1.6)	(6.3)	—	16.8	2	—5.4	20	(8.1)	—	53	—	24	20	13	10	—	0	—	—	—	—	(12)	(15)	—	—	—	—	
Yeovilton ...	21-9	18	10.8	1.8	6.3	—	16.5	2	—5.8	11, 20	—	—	67	—	13	20	14	12	1	0	0	0	0	2	12	17	13	1	—	—	
Rodney Stoke ...	99	40	10.6	2.4	6.5	—	16.6	2	—3.2	29	8.8	11.1	95	—	29	20	12	10	—	0	—	—	—	3	5	8	—	—	—	—	
Long Ashton ¶ §	99	49	10.6	2.2	6.4	—0.9	16.6	2	—4.1	11	8.1	—	71	76	16	20	14	10	0	0	0	0	1	1	8	20	—	0	3.66	202	
West Camel ...	99	27	11.0	0.1	5.5	—	17.4	2	—7.1	11	—	—	72	—	23	20	15	9	1	0	0	0	0	1	15	22	—	0	—	—	
Wincanton ...	99	114	10.2	0.9	5.5	—	16.1	1, 2	—6.3	29	—	—	88	—	29	20	15	12	3	0	0	0	0	4	13	18	—	1	—	—	
Bath City Boys' School	99	118	10.3	2.9	6.6	—	15.8	2	—2.8	11	9.1	—	65	80	17	20	12	8	0	0	0	0	0	0	8	—	—	0	—	—	
Dorset																															
Portland Bill	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Coastguard ...	21-9	53	10.7	6.4	8.5	—	15.6	2	0.4	23	—	—	52	—	20	20	9	8	1	0	0	0	0	0	0	5	4	10	3.78	—	
Weymouth ...	99	23	11.4	2.5	6.9	—	16.4	2	—9.5	24	—	—	59	—	19	20	14	8	0	0	0	0	0	0	6	—	—	0	3.81	—	
Winfrith ...	99	26	(11.3)	1.6	(6.5)	—	15.8	1	—5.5	20	—	—	74	—	27	20	10	9	—	0	—	—	—	2	10	21	—	—	—	—	
Shaftesbury ...	99	207	9.4	2.4	5.9	—0.8	14.8	2	—2.8	19	—	—	89	95	33	20	15	12	—	0	—	—	—	5	12	—	—	—	—	—	
Swanage ...	99	11	11.6	3.9	7.7	—	16.9	1	—2.2	20	—	11.8	59	70	20	20	9	8	0	—	0	0	0	0	2	10	—	2	4.13	195	
Poole ...	99	8	(11.1)	1.8	(6.5)	—	17.2	1	—4.6	20	8.3	11.2	57	59	20	20	13	8	0	0	0	0	0	2	8	15	—	0	3.74	163	
Devon																															
Virginstow ...	99	168	10.3	3.0	6.7	—	15.2	4	—3.4	11	—	—	152	—	24	20	23	21	1	—	1	0	0	(1)	7	6	—	0	—	—	
Hartland Point ...	21-9	91	10.5	(7.4)	(8.9)	—	15.7	21	1.4	19	—	—	116	109	16	29	17	15	1	0	3	0	0	0	0	1	1	6	2.76	139	
Mount Batten ...	21-9	27	11.2	4.9	8.1	—0.9	16.0	1	—2.8	20	—	—	102	90	20	29	17	12	2	0	0	1	0	1	5	13	8	2	3.36	151	
Plymouth Hoe ‡	99	36	11.2	3.5	7.3	—1.5	15.4	1	—2.4	20	9.7	11.7	96	85	18	29	18	14	0	0	0	0	0	0	1	6	18	—	0	—	
Tavistock ...	99	139	10.7	2.9	6.8	—1.0	15.8	2	—4.5	20	—	11.6	137	87	23	20	23	20	3	2	0	0	0	0	7	14	—	0	—	—	
Chivenor ...	21-9	6	11.4	5.8	8.6	—0.5	17.5	4	—2.6	20	—	—	107	105	17	27	19	16	1	0	2	1	0	0	4	9	7	0	2.74	—	
Ilfracombe ...	99	8	11.9	7.2	9.5	+0.1	16.7	2, 4	—1.1	20	9.2	—	141	129	32	20	16	12	0	—	0	0	0	0	5	—	—	2	2.87	152	
Totnes ...	99	84	12.2	1.9	7.1	—	16.1	3, 5, 6	—5.6	29	9.2	11.7	103	—	25	20	14	10	—	0	—	—	—	2	10	14	—	—	3.23	—	
Cheldon Barton ...	21-9	163	9.8	2.9	6.3	—	15.7	2	—4.8	20	8.2	—	117	—	27	20	20	16	2	0	1	2	0	1	10	22	—	0	3.35	—	
Slapton ...	99	32	11.3	3.6	7.5	—	16.0	2, 3	—1.1	25	—	—	81	60	25	20	12	9	1	0	0	0	0	0	3	8	—	0	—	—	
Newton Abbot ...	99	83	11.2	2.3	6.7	—1.3	16.2	2	—4.4	20	—	—	81	66	15	20	18	14	1	0	0	0	0	0	7	21	—	0	4.44	196	
Torbay (Torquay) ...	99	8	11.8	3.2	7.5	—1.3	16.4	2	—2.1	20	—	11.3	62	58	13	29	16	9	0	0	0	0	0	0	4	10	—	1	4.29	179	
Teignmouth ¶ §	99	6	11.5	3.3	7.4	—1.5	16.1	2, 4	—1.6	29	—	—	56	57	11	5	20	9	1	0	0	0	0	0	4	10	—	3	4.04	172	
Starcross ...	99	9	11.3	1.8	6.5	—	16.7	2	—3.8	20	7.8	—	65	65	14	20	15	11	0	0	0	0	0	3	9	19	—	2	3.65	—	
Exmouth ...	99	59	11.2	2.9	7.1	—0.9	17.0	4	—2.4	20	—	—	55	58	12	20	14	10	1	0	0	0	0	0	3	—	—	1	4.09	173	
Exeter ...	21-9	32	10.8	2.5	6.7	—	17.1	2	—6.2	20	—	—	72	73	18	20	16	9	1	0	0	2	0	4	9	21	14	0	3.31	—	
Sidmouth ...	99	8	11.1	2.7	6.9	—1.6	15.8	2	—3.5	20	—	—	67	73	25	20	14	10	—	0	—	—	—	0	4	16	—	—	4.03	174	
Cornwall																															
Scilly ...	21-9	48	11.7	8.2	9.9	—0.4	16.7	1	1.6	20	—	—	100	109	26	29	20	16</													

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

NOVEMBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more															
NORTHERN IRELAND — continued																																	
Londonderry — continued																																	
Garvagh Forest ...	99	88	9.6	3.2	6.4	—	16.3	2	-3.3	29	7.7	9.9	179	—	42	20	25	21	3	1	5	0	0	0	8	13	—	—	—	—	—	—	
Moneydig ¶	21-9	34	9.7	4.0	6.9	+0.4	16.6	2	-4.0	24	8.9	—	149	139	31	20	24	18	5	1	7	1	0	1	7	14	7	0	—	—	—	—	
Traad Point ...	99	16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antrim																																	
Ballymoney ...	99	55	10.2	3.1	6.7	—	16.7	2	-5.3	24	—	—	139	—	29	25	23	21	4	—	0	4	0	0	8	—	—	—	—	—	—	—	—
Lisnafillan ...	99	38	10.2	3.5	6.9	—	16.1	2	-4.1	24	—	—	132	—	35	20	22	18	2	2	0	0	0	1	6	11	—	—	—	1.90	—	—	
Aldergrove ¶ §	21-9	68	9.3	4.4	6.9	+0.3	16.0	2	-2.4	20	7.9	10.7	104	115	33	4	19	14	6	1	4	0	0	1	5	10	8	0	—	1.83	103	—	
Greenmount ...	99	32	9.9	3.7	6.8	—	15.6	2	-3.4	24	8.4	—	102	—	28	20	21	16	3	1	1	0	0	—	6	11	—	—	—	—	—	—	
Altnahinch ...	99	226	8.1	2.8	5.5	—	13.9	2	-2.8	24	—	—	191	—	38	20	28	24	7	3	0	3	0	3	8	13	—	3	—	1.41	—	—	
Parkmore Forest ...	99	235	8.1	2.8	5.5	—	13.7	2	-3.1	20	7.6	—	230	140	42	20	29	21	4	2	0	0	0	3	8	15	—	1	—	—	—	—	
Black Mountain ...	21-9	295	7.4	2.9	5.1	—	13.8	1	-2.2	28	—	—	108	—	30	20	17	13	5	2	0	0	0	6	7	—	1	—	—	—	—	—	
Lowtown ...	99	271	7.9	2.7	5.3	—	13.3	2	-3.9	20	5.6	—	50	—	45	20	26	21	3	2	0	0	0	7	9	13	—	0	—	1.66	—	—	
Ballypatrick Forest ...	99	152	9.0	3.7	6.3	—	15.4	2	-3.3	24	—	—	140	108	33	20	25	19	1	2	1	1	0	0	6	9	—	3	—	1.17	—	—	
Belfast Malone ¶	99	35	10.2	3.9	7.1	—	17.8	1	-3.7	29	8.2	—	92	—	31	20	23	11	2	—	0	0	0	0	6	11	—	—	—	—	—	—	
Newtownabbey ...	99	32	10.3	4.8	7.5	—	17.2	2	-1.7	29	8.4	—	104	—	30	4	20	11	3	0	2	1	0	0	2	9	—	0	—	1.81	—	S	
Woodburn North ...	99	217	8.3	3.0	5.7	—	15.0	2	-2.2	24	—	—	142	117	39	20	27	19	3	2	1	2	0	6	6	13	—	0	—	—	—	—	
Larne ...	99	43	10.2	4.3	7.3	—	16.5	2	-1.2	28	—	—	112	100	33	20	23	17	2	0	0	3	0	0	4	—	—	0	—	—	—	—	
Kilroot ...	99	22	10.2	4.1	7.1	—	16.3	2	-1.7	29	—	—	109	—	31	4	17	13	2	0	1	0	0	0	6	9	—	—	—	—	—	—	
Ballylumford ...	99	24	10.3	5.2	7.7	—	16.3	1	0.0	20,29	—	—	95	—	36	20	14	13	1	—	0	0	0	—	0	6	—	—	—	—	—	—	
Down																																	
Hillsborough §	99	116	9.3	3.7	6.5	+0.1	15.8	2	-1.8	20	8.6	10.4	77	92	26	20	17	12	2	1	0	0	0	0	7	13	—	0	—	1.87	97	—	
Kilkeel ...	21-9	18	10.2	5.3	7.7	0.0	16.0	2	-1.7	29	—	—	66	—	30	20	14	9	2	1	0	0	0	0	3	7	7	1	—	2.37	—	—	
Rosetta ...	99	24	9.9	4.1	7.0	—	16.7	2	-2.5	28,29	—	—	89	—	32	20	17	12	2	0	0	0	0	0	4	—	—	—	—	—	—	—	—
Murlough ...	99	9	10.7	4.1	7.4	—	18.3	2	-3.7	29	7.9	9.7	87	—	37	20	13	9	2	1	0	1	0	0	5	9	—	3	—	2.54	—	—	
Belfast Rosebank ...	99	47	10.2	4.8	7.5	—	16.2	2,3	-1.2	28	—	—	85	—	33	20	15	11	—	0	—	—	—	4	—	—	—	—	—	—	—	—	
Stormont Castle ...	99	56	10.2	4.2	7.2	—	16.7	1,2	-2.2	29	7.8	9.9	85	96	32	20	20	12	5	2	1	0	0	0	4	12	—	0	—	1.87	—	—	
Downpatrick ...	99	26	10.5	4.2	7.3	—	16.7	2	-1.6	20	—	—	73	—	32	20	12	10	1	—	0	0	0	0	7	10	—	0	—	—	—	—	
Creightons Green ...	99	119	9.4	4.2	6.8	—	15.7	2	-0.9	20	—	—	90	—	34	20	17	10	3	1	0	3	0	0	5	10	—	0	—	—	—	—	
Reagh Island ¹⁰ ...	99	12	10.3	4.6	7.5	—	16.7	1	-2.2	28	—	—	56	—	19	20	15	8	0	—	0	0	0	0	3	—	—	—	—	1.89	—	—	
Helens Bay ...	99	43	9.7	4.8	7.3	—	16.6	2	-1.2	29	—	—	84	—	32	20	16	10	1	0	0	3	0	0	3	9	—	1	—	2.01	—	—	
Killough ...	21-9	15	10.1	4.7	7.4	—	(16.5)	2	-1.4	20	—	—	88	—	35	20	19	9	2	0	1	0	0	0	5	14	9	2	—	—	—	—	
Ballywalter Park ...	—	11	—	—	—	—	—	—	—	—	—	—	80	94	27	20	19	12	—	—	—	—	—	—	—	—	—	—	—	1.64	—	—	
Armagh																																	
Armagh ... ¶ §	99	62	9.7	3.4	6.5	-0.3	16.1	2	-2.6	24,25	9.2	10.9	81	110	27	20	18	10	6	3	0	0	0	0	8	18	—	0	—	1.65	85	—	
Loughgall ...	99	25	10.1	3.6	6.9	—	16.1	2	-3.9	24	—	—	69	100	20	20	20	12	7	1	1	1	0	0	7	15	—	0	—	2.08	—	—	
Tandragee ...	99	43	10.3	3.6	6.9	—	16.5	1	-4.5	24	—	—	82	—	23	20	17	12	—	—	—	—	—	7	—	—	—	—	—	—	—	—	
Bessbrook ...	—	76	—	—	—	—	—	—	—	—	—	—	104	111	39	20	18	11	—	—	—	—	—	—	—	—	—	—	—	2.07	102	—	
Portadown ...	99	16	10.2	3.8	7.0	—	16.4	2	-3.8	24	9.1	10.8	75	—	22	20	19	15	1	—	0	0	0	—	7	12	—	—	—	—	—	—	
Lurgan ...	99	55	10.2	3.7	6.9	—	16.6	2	-3.9	24	8.3	10.7	73	—	23	20	18	12	—	—	—	—	—	6	9	—	—	—	—	2.10	—	—	
Tyrone																																	
Lough Bradan ...	99	169	9.2	3.1	6.1	—	14.5	2	-2.6	25	—	—	169	—	35	20	27	21	—	3	—	—	—	2	7	15	—	—	—	1.77	—	—	
Baronscourt Forest ...	99	88	9.7	3.6	6.7	—	15.1	1,2	-2.0	29	—	—	157	—	53	4	26	20	5	2	0	0	0	1	6	15	—	—	—	—	—	—	
Strabane Convent ...	99	44	10.0	4.0	7.0	—	15.5	2	-1.5	24,29	—	—	130	—	33	4	26	18	4	2	3	0	0	0	4	15	—	2	—	1.67	—	—	
Carrigans ...	21-9	113	9.2	3.9	6.5	—	14.8	1,2	-3.5	24	—	—	173	—	43	4	27	22	7	4	6	0	0	3	6	11	8	0	—	—	—	—	
Lislap Forest ...	99	209	9.0	2.1	5.5	—	13.9	2	-4.5	19	8.1	—	169	131	39	4	29	22	7	4	0	0	0	0	11	11	—	1	—	—	—	—	
Knockmany Forest ...	99	73	9.8	2.6	6.2	—	15.5	2	-4.7	20,24	—	—	123	125	32	4	22	15	4	2	1	0	0	0	9	15	—	—	—	—	—	—	
Pomeroy Forest ...	99	165	9.1	2.6	5.9	—	15.2	2	-4.4	29	8.4	—	138	—	39	4	23	19	5	2	0	0	0	3	7	19	—	2	—	—	—	—	
Cookstown ...	99	77	9.8	3.4	6.6	—	15.8	2	-3.1	29	8.2	—	122	131	35	4	23	17	2	—	0	0	0	0	8	13	—	—	—	1.95	—	—	
Fermanagh																																	
Roscor ...	99	143	9.2	3.8	6.5	—	14.5	2	-2.4	24	—	—	211	169	52	20	30	24	1	1	0	1	0	3	6	12	—	0	—	—	—	—	
Lough Navar Forest ...	99	148	9.6	2.7	6.1	—	14.5	1,2	-4.4	25	—	—	217	—	49	20	26	22	3	1	1	0	0	0	8	15	—	0	—	—	—	—	
Castle Archdale ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Forest ... ¶ §	99	66	9.7	4.0	6.9	+0.1	15.2	2	-3.3	20	8.3	9.6	162	157	45	4	20	26	22	3	0	0	0	0	6	12	—	1	—	1.48	75	—	
Lisnaskea ...	99	49	10.4	3.5	6.9	—	16.1	2	-3.6	20	—	—	105	—	28	20	20	13	2	—	1	0	0	1	7	15	—	0	—	1.45	—	—	
Pubble Forest ...	99	91	9.8	3.3	6.5	—	15.2	2	-4.5	20	—	—	146	—	32	4	26	20	5	3	0	0	0	0	6	16	—	—	—	—	—	—	
CHANNEL ISLES																																	

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction

¹¹ Temperatures recorded by an aspirated psychrometer.

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

NOVEMBER, 1971

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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	21	3	1013.4	—	5.8	0.9	8.2	85	5.9	0	5	5	8	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Table 4 Summary of observations at fixed hours

NOVEMBER, 1971

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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	speed (kt)												
																									34 or more	22-33	11-21	1-10									0
3 ENGLAND E - continued																																					
Wattisham [Suffolk]																																					
91	3	1014.9	—	4.2	0.4	7.9	94	4.0	8	6	3	3	10	0	0	0	1	1	2	10	8	7	1	0	3	15	12	0	5	1	0	1	1	4	10	8	
	9	1015.1	—	4.7	0.4	8.2	93	5.5	0	7	4	9	10	0	0	0	2	1	7	12	3	5	0	0	2	16	12	0	6	0	0	1	1	3	11	8	
	15	1014.5	—	7.1	1.2	8.6	83	6.0	1	3	4	14	8	0	0	0	0	1	4	9	13	2	1	0	2	17	11	0	9	0	1	0	3	5	7	5	
	21	1014.9	—	4.8	0.5	8.2	92	5.0	5	4	3	7	10	1	0	1	0	3	5	15	6	0	0	0	1	18	11	0	5	1	0	1	2	7	4	10	
Aldeburgh [Suffolk]																																					
9	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Wytton [Huntingdonshire]																																					
43	3	1015.2	—	4.9	0.6	8.1	90	4.5	7	4	4	4	9	2	0	1	1	0	1	11	5	8	3	0	0	1	10	18	1	1	0	1	0	1	10	8	8
	9	1015.5	—	5.1	0.7	8.1	89	5.6	0	5	6	12	7	0	0	0	0	1	1	9	12	4	3	0	0	1	10	18	1	1	1	1	0	2	9	6	9
	15	1014.7	—	7.9	1.5	8.7	80	5.1	0	7	6	10	7	0	0	0	0	0	3	14	7	6	0	0	2	12	16	0	4	0	0	1	3	7	6	9	
	21	1015.2	—	5.2	0.7	8.1	88	4.3	9	1	6	6	8	0	0	1	1	0	4	11	11	2	0	0	1	10	19	0	1	0	1	3	7	5	13		
Cardington [Bedfordshire]																																					
29	3	1015.8	—	4.4	0.4	8.1	93	4.5	7	5	3	3	12	0	0	1	1	1	5	16	4	2	0	0	0	8	22	0	3	0	0	1	1	14	7	4	
	9	1016.0	+2.4	5.1	0.6	8.2	91	4.8	0	8	6	10	6	0	0	0	1	3	4	11	8	3	0	0	0	9	21	0	3	1	2	0	1	11	8	4	
	15	1015.2	—	8.1	1.6	8.7	78	5.1	1	7	5	8	9	0	0	0	0	0	2	10	15	3	0	0	0	12	18	0	7	0	1	0	3	7	5	5	
	21	1015.8	—	5.0	0.5	8.2	91	3.8	9	5	4	3	9	0	0	0	1	2	8	12	7	0	0	0	0	12	17	1	2	0	0	1	3	8	9	6	
Stansted [Essex]																																					
102	3	1015.3	—	4.5	0.4	8.1	93	4.8	6	4	3	6	9	2	0	0	2	0	1	9	8	8	2	0	0	1	7	22	0	5	0	0	1	2	5	12	5
	9	1015.5	+1.4	4.9	0.5	8.3	92	5.7	0	6	3	12	8	1	0	1	1	1	9	8	3	6	0	0	1	9	18	2	4	0	0	1	1	9	6	7	
	15	1014.7	—	7.5	1.2	8.8	83	5.7	1	5	4	11	9	0	0	0	0	0	5	11	9	5	0	0	1	13	16	0	9	0	1	0	4	6	5	5	
	21	1015.2	—	5.1	0.4	8.4	93	4.9	4	3	6	11	6	0	0	0	0	2	8	11	7	2	0	0	1	13	15	1	6	0	0	1	3	8	1	10	
Shoeburyness [Essex]																																					
5	9	1015.4	+1.2	6.4	0.8	8.7	87	5.3	0	6	7	10	6	1	0	1	0	0	4	5	9	9	1	1	0	2	11	17	0	4	0	0	1	1	3	14	7
	15	1014.7	—	8.4	1.4	9.1	80	5.6	0	7	4	9	9	1	0	1	0	0	2	2	11	11	1	2	0	1	14	15	0	6	1	1	1	3	5	6	7
	21	1015.1	—	6.2	0.7	8.7	89	4.6	6	3	6	4	11	0	0	0	0	1	2	9	8	6	4	0	0	3	15	11	1	6	0	0	1	2	6	3	11
Walton-on-Naze [Essex]																																					
8	3	1015.1	—	5.6	0.4	8.7	93	3.9	9	4	6	0	11	0	0	0	0	2	6	8	14	0	0	0	0	12	17	1	2	1	0	0	2	2	8	14	
	9	1015.2	—	6.1	0.6	8.8	90	5.5	0	5	6	8	9	2	0	0	1	1	5	12	10	0	0	0	2	10	17	1	3	0	1	0	1	2	12	10	
	15	1014.7	—	8.1	0.9	8.6	87	5.4	2	3	7	10	8	0	0	0	0	2	1	15	12	0	0	0	1	10	19	0	3	2	2	0	1	1	11	10	
	21	1015.0	—	6.1	0.5	8.9	92	4.6	8	2	5	2	12	1	0	0	1	0	2	1	14	12	0	0	0	1	11	17	1	5	1	0	0	2	4	5	12
4 MIDLAND COUNTIES																																					
Huddersfield Oakes [Yorkshire W.R.]																																					
235	3	1013.9	—	4.1	0.8	7.4	86	5.3	6	0	7	5	12	0	0	0	1	0	5	6	8	10	0	0	1	10	18	1	4	0	0	0	1	2	13	9	
	9	1014.2	+1.9	4.5	0.9	7.5	84	5.4	3	4	4	10	9	0	0	1	0	3	1	0	4	8	13	0	0	1	11	14	4	4	0	0	0	0	6	12	4
	15	1014.1	—	6.5	1.3	8.1	80	5.6	1	2	8	10	9	0	0	0	0	2	2	7	10																

Table 4 Summary of observations at fixed hours

NOVEMBER, 1971

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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 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	speed (kt)																
																									34 or more	6, 7	4, 5	1 - 3									calm				
																																						22-33	11-21	1-10	0
5 ENGLAND SE																																									
Heathrow (Greater London)																																									
26	3	1016.4	—	5.3	0.7	8.2	89	4.5	6	7	2	6	7	2	0	1	1	0	1	5	13	6	3	0	0	0	8	21	1	4	0	1	0	2	8	6	3				
	9	1016.5	+2.4	5.9	0.9	8.3	86	4.8	1	10	3	8	7	1	0	1	2	0	2	3	9	7	5	1	0	0	9	21	0	4	0	2	0	5	6	10	3				
	15	1015.6	—	8.7	2.0	8.5	74	5.1	0	10	3	7	10	0	0	1	0	0	0	3	4	17	4	1	0	0	12	18	0	7	1	0	0	4	10	2	6				
	21	1016.2	—	6.2	0.9	8.4	86	4.5	6	6	1	9	8	0	0	0	0	0	2	5	13	9	1	0	0	0	9	21	0	3	0	0	1	5	6	9					
Kew (Greater London)																																									
10	3	1016.0	—	5.1	0.9	7.9	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	9	1016.2	+2.1	6.1	1.2	8.2	83	5.0	0	11	2	5	10	2	0	1	1	0	3	0	12	6	7	0	0	0	4	21	5	4	0	1	0	2	9	5	4				
	15	1015.5	—	8.6	2.4	8.1	71	5.2	0	8	5	6	11	0	0	0	0	0	3	0	4	12	10	1	0	0	6	23	1	8	0	1	0	3	9	3	5				
	21	1016.0	—	6.0	1.2	8.1	84	4.4	7	5	3	7	8	0	0	0	0	2	4	3	12	8	1	0	0	0	4	24	2	5	0	0	1	3	8	4	7				
Gatwick (Surrey)																																									
59	3	1016.5	—	4.2	0.6	7.8	90	4.4	7	5	3	5	9	1	0	3	1	0	0	7	9	6	4	0	0	1	5	18	6	3	1	0	1	3	5	5	6				
	9	1016.7	—	5.3	0.7	8.3	89	4.3	3	8	7	4	8	0	0	3	1	0	1	4	10	3	6	2	0	0	7	18	5	3	0	2	0	3	5	8	4				
	15	1015.6	—	8.4	1.7	8.7	76	5.0	0	8	6	9	7	0	0	0	0	0	0	2	10	10	8	0	0	0	12	18	0	8	3	0	0	4	8	4	3				
	21	1016.3	—	5.2	0.7	8.2	89	4.9	5	5	2	8	10	0	0	1	0	2	3	6	10	5	3	0	0	1	7	19	3	7	0	0	0	3	7	1	9				
Dungeness (Kent)																																									
7	3	1015.7	—	5.6	0.5	8.6	92	4.0	10	2	6	2	9	1	0	1	0	1	1	1	9	8	6	3	0	2	13	15	0	4	0	0	1	2	3	10					
	9	1016.0	—	6.2	0.7	8.7	89	4.8	4	6	4	9	7	0	0	0	0	3	0	0	11	7	8	1	0	6	11	11	2	3	1	1	1	2	1	12					
	15	1015.0	—	8.7	1.5	9.2	80	5.8	0	5	5	12	8	0	0	0	0	2	0	0	2	15	10	1	0	5	18	6	1	9	2	1	0	1	5	8	3				
	21	1015.6	—	6.6	0.6	9.2	91	5.0	8	0	5	4	13	0	0	0	0	0	0	2	6	10	11	1	1	2	12	15	0	7	0	1	0	2	6	6	8				
Manston (Kent)																																									
45	3	1015.3	—	6.2	0.7	8.6	89	4.9	5	6	1	8	10	0	0	0	0	0	4	2	6	10	6	2	0	1	16	13	0	5	1	0	0	3	7	6	8				
	9	1015.5	—	6.6	0.9	8.7	86	4.9	2	6	5	12	5	0	0	1	0	0	0	7	8	3	7	4	0	2	11	17	0	3	2	0	1	3	9	6	8				
	15	1014.8	—	8.3	1.4	9.1	81	5.8	1	4	4	12	9	0	0	0	0	1	2	2	8	6	8	3	0	4	12	14	0	5	2	1	1	2	6	6	7				
	21	1015.2	—	6.7	0.7	8.9	89	6.0	2	2	6	8	12	0	0	0	0	1	3	2	7	5	11	1	0	4	17	8	1	5	1	0	0	3	8	2	10				
Thorney Island (Sussex)																																									
4	3	1016.9	—	5.5	0.7	8.3	88	3.6	12	2	5	1	10	0	0	3	0	1	3	0	8	9	5	1	0	1	8	19	2	4	0	0	1	0	4	10	9				
	9	1017.1	+2.7	6.0	0.8	8.5	88	5.1	0	10	1	11	7	1	0	1	1	1	0	5	7	4	7	4	0	2	11	16	1	7	1	1	1	1	1	11	6				
	15	1016.0	—	9.0	1.8	9.0	76	4.9	0	9	6	9	6	0	0	0	1	0	0	1	6	4	13	5	0	1	16	13	0	7	2	0	1	4	4	6	6				
	21	1016.8	—	6.4	0.8	8.7	87	4.0	8	5	4	4	9	0	0	1	0	0	2	1	15	6	5	0	0	2	9	18	1	8	1	0	0	3	3	5	9				
Eastbourne Coastguard (Sussex)																																									
7	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	21	1015.7	—	7.0	1.0	8.9	85	4.6	8	0	8	3	11	0	0	0	0	0	1	2	11	14	2	0	1	2	10	15	2	8	0	0	0	2	4	6	8				
Abingdon (Berkshire)																																									
71	3	1016.6	—	4.2	0.6	7.8	91	4.3	11	2	1	4	11	1	0	3	0	1	2	3	6	9	6	0	0	0	6	22	2	3	1	2	0	3	4	10	5				
	9	1016.7	+2.7	5.1	0.8	8.1	88	5.0	2	6	5	11	6	0	0	1	0	2	3	4	3	9	7	1	0	0	9	18	3	3	0	2	0	5	6	6	5				
	15	1015.7	—	8.2	1.7	8.5	76	5.2	1	7	4	9	9	0	0	0	0	0	0	7	15	7	1	0	0	0	9	20	1	6	1	0	1	4	4	6	7				
	21	1016.5	—	5.0	0.7	8.0	88	3.8	7	8	2	6	7	0	0	0	0	0	0	5	16	7	2	0	0	0	6	23	1	4	0	0	1	3	6	5	10				
Hurn (Hampshire)																																									
14	3	1017.6	—	4.0	0.7	7.6	88	4.1	12	0	4	5	7	2	0	2	2	1	0	1	6	16	2	0	0	0	6	12	12	3	0	0	1	2	2	5	5				
	9	1017.6	+3.4	4.9	0.8	7.9	87	4.8	2	8	3	10	7	0	0	2	0	1	0	4	10	5	6	2	0	1	7	12	10	3	0	0	1	2	2	8	4				
	15	1016.4	—	9.3	2.2	8.6	71	5.1	0	8	4	12	6	0	0	0	0	0	0	8	13	7	2	0	0	0	14	15	1	7	2	0	1	4	4	6	5				
	21	1017.3	—	5.0	0.8	8.0	87	3.6	12	3	3	4	8	0	0	2	0	1	2	12	9	4	0	0	1	7	16	6	5	0	0	0	3	4	4	8					
South Farnborough (Hampshire)																																									
70	3	1016.6	—	4.3	0.6	7.8	90	4.1	10	1	6	4	8	1	0	1	0	2	1	3	9	8	6	0	0	0	5	18	7	2	0	1	0	1	3	12	4				
	9	1016.7	+2.4	5.4	0.8	8.2	87	4.7	2	9	3	7	9	0	0	0	2	0	1	2	8	6	4	7	0	0	6	20	4	3	0	1	1	4	2	12	3				
	15	1015.7	—	8.5	1.8	8.5	74	5.0	1	8	5	7	9	0	0	0	0	0	1	5	9	9	6	0	0	0	9	21	0	7	1	0	0	3	6	7	6				
Lyneham (Wiltshire)																																									
149	3	1017.3	—	4.5	0.7	7.8	88	3.9	8	8	1	2	10	1	0	2	0	1	1	3	10	5	7	1	0	1	7	22	0	1	1	0	1	3	9	9	6				
	9	1017.1	+3.2	5.2	0.8	8.1	87	5.0	1	9	1	12	7	0	0	1	0	1	3	5	5	7	4	0	1	1	10	19	0	5	0	1	0	6	5	10	3				
	15	1016.1	—	7.7	1.6	8.5	78	5.0	1	7	5	8	9	0	0	0	0	0	0	7	15	5	3	0	1	10	19	0	8	1	1	0	4	5	7	4					
	21	1017.0	—	4.9	0.7	7.9	87	4.2	4	8	5	5	8	0	0	0	0	0	1	4	9	10	5	1	0	1	7	22	0	6	1	0	1	3	6	4	9				
Boscombe Down (Wiltshire)																																									
128	3	1017.1	—	4.2	0.5	7.9	91	4.6	10	2	1	3	13	1	0	1	2	0	4	11	5	6	0	0	0	1	7	19	3	6	0	0	1	3	1	8	8				
	9	1017.0	+2.7	4.8	0.6	8.1	89	4.7	4	4	7	7	7	1	0	3	0	1	2	3	6	7	8	0	0	2	11	13	4	6	1	0	1	4	1	8	5				
	15	1015.9	—	8.2	1.7	8.6	76	5.1	0	7	8	7	8	0	0	0	0	0	0	7	15	7	1	0	0	1	18	11	0	8	2	2	1	3	5	4	5				
	21	1016.8	—	4.6	0.6	7.9	89	3.4	10	5	6	2	7	0	0	0	1	0	1	4	15	7	2	0	0	2	12	12	4	7	1	0	1	1	5	2	9				
Upavon (Wiltshire)																																									
177	9	1017.1	—	4.6	0.5	8.1	92	5.1	2	7	2	11	7																												

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	speed (kt)																
																									8 or more	22-33	6, 7	4, 5									1 - 3	calm			
																																							11-21	1-10	0
8a SOUTH WALES																																									
Aberporth [Cardiganshire] 134	3	1017.1	—	7.6	1.1	9.1	84	5.4	2	7	1	9	11	0	0	0	0	0	1	1	7	10	5	6	0	6	18	6	0	5	2	0	0	8	3	9	3				
	9	1016.9	+4.3	7.4	1.0	9.1	85	6.2	0	3	4	13	10	0	0	0	0	1	1	0	11	8	5	4	0	8	15	7	0	8	1	1	1	9	1	7	2				
	15	1016.2	—	8.2	1.3	9.2	82	6.4	0	2	5	15	8	0	0	0	0	0	0	6	11	3	10	1	8	13	6	2	9	1	0	0	4	3	5	6					
	21	1016.9	—	7.8	1.3	8.8	81	5.0	1	9	2	8	10	0	0	0	0	0	1	8	9	9	3	0	7	13	9	1	7	2	0	0	7	4	4	5					
	39	3	1018.0	—	8.6	1.2	9.6	83	5.5	2	4	6	5	13	0	0	0	0	0	0	8	20	2	0	0	1	13	11	5	4	0	1	0	0	7	5	8				
Milford Haven Conservancy Board [Pembrokeshire]	9	1017.7	+4.8	8.8	1.1	9.9	84	6.5	0	1	7	9	13	0	0	0	0	0	0	0	17	10	3	0	0	0	16	11	3	3	3	1	1	0	7	5	7				
	15	1017.0	—	9.4	1.3	10.0	83	6.6	0	2	3	15	10	0	0	0	0	0	0	10	18	2	0	0	2	13	13	2	8	2	0	0	2	4	2	10					
	21	1017.8	—	8.4	1.1	9.7	85	5.7	3	3	5	6	13	0	0	0	0	0	0	10	18	2	0	0	0	14	12	4	7	3	0	1	0	6	4	5					
	Brynamman [Carmarthenshire]	9	—	—	5.9	0.6	8.8	90	6.5	0	4	2	8	14	2	1	0	1	0	3	6	13	5	0	0	2	22	6	1	5	0	1	1	5	5	6					
Mumbles [Glamorgan]	15	—	—	8.0	1.3	9.0	82	6.1	0	4	4	12	10	0	0	0	0	3	4	5	8	10	0	0	0	5	23	2	5	3	0	1	1	7	4	7					
	21	—	—	5.7	0.7	8.5	89	5.8	2	5	0	11	11	1	0	0	1	1	1	7	19	1	0	0	0	1	22	7	3	3	0	0	2	4	3	8					
	37	3	1017.5	—	8.1	1.1	9.6	85	5.4	4	4	3	7	12	0	0	0	0	0	0	3	8	10	9	0	4	10	15	1	8	1	1	0	0	6	11	2				
	9	1017.3	—	8.3	1.1	9.5	83	6.0	0	4	6	8	12	0	0	0	0	0	0	6	5	15	4	0	2	13	15	0	7	0	1	1	0	5	10	5					
Rhoose [Glamorgan]	15	1016.3	—	9.4	1.6	9.6	78	6.1	0	4	6	8	12	0	0	0	0	0	2	9	5	11	3	0	2	17	10	1	14	0	0	0	2	5	5	3					
	21	1017.3	—	7.6	1.0	9.2	85	5.2	4	5	3	7	11	0	0	0	0	0	1	2	10	9	8	0	3	6	18	3	5	1	0	1	1	3	11	5					
	69	3	1017.6	—	5.8	0.8	8.4	87	4.5	5	8	1	5	11	0	0	0	0	0	5	13	9	3	0	2	9	14	5	1	0	1	1	0	4	10	8					
	9	1017.4	+3.5	6.9	1.1	8.6	82	5.6	0	4	8	11	7	0	0	0	0	0	2	5	11	5	7	0	2	10	17	1	3	2	0	2	4	2	10	6					
8b ENGLAND SW	15	1016.4	—	8.7	1.7	8.9	76	5.2	0	8	6	6	10	0	0	0	0	0	1	9	8	6	6	0	1	12	17	0	4	4	1	1	3	3	11	3					
	21	1017.4	—	5.7	0.8	8.3	86	4.4	3	9	3	7	8	0	0	0	0	0	0	1	6	10	8	4	0	9	17	4	5	0	0	1	2	2	11	5					
	Yeovilton [Somerset]	3	1018.1	—	4.1	0.7	7.5	87	3.0	16	2	2	1	9	0	0	3	1	0	3	4	15	4	0	0	0	6	8	16	2	0	0	1	1	2	6	2				
	9	1017.9	—	5.4	1.0	7.9	84	4.6	2	10	2	7	8	1	0	2	0	0	1	5	8	14	0	0	2	9	8	11	3	0	1	1	3	0	8	3					
Portland Bill [Dorset]	15	1016.6	—	9.4	2.0	8.9	73	4.9	1	8	5	9	7	0	0	0	0	1	1	12	12	4	0	0	1	22	7	0	6	1	1	0	4	5	5	8					
	21	1017.6	—	5.4	1.0	7.9	84	3.2	12	5	3	2	7	1	0	2	0	0	3	5	13	7	0	0	0	1	7	11	11	2	0	0	1	1	2	5	8				
	54	3	1017.4	—	8.0	0.8	9.8	88	4.1	7	5	5	3	10	0	0	0	0	0	1	7	15	7	0	0	9	12	9	0	13	2	0	1	0	2	6	6				
	9	1017.3	—	8.6	1.0	9.9	86	4.8	1	9	2	12	6	0	0	0	0	0	1	11	7	11	0	1	7	15	7	0	8	3	0	1	2	3	6	7					
Hartland Point [Devon]	15	1016.0	—	9.7	1.4	10.0	81	5.1	0	8	6	8	8	0	0	0	0	0	0	9	8	13	0	0	8	16	4	2	8	5	0	0	1	4	5	5					
	21	1017.1	—	7.9	0.9	9.5	86	3.8	9	6	3	3	9	0	0	0	0	0	1	10	11	8	0	0	7	16	5	2	12	4	0	0	1	2	6	3					
	93	3	1018.2	—	8.6	1.3	9.4	81	5.8	0	6	5	7	12	0	0	0	0	0	3	5	17	5	1	3	16	9	1	5	2	2	1	3	2	9	5					
	9	1018.0	—	8.7	1.2	9.6	82	6.0	1	1	8	10	10	0	0	0	0	0	0	2	11	13	4	0	9	11	10	0	6	3	1	1	4	4	8	3					
Mount Batten [Devon]	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	30	3	1018.8	—	6.8	0.6	9.4	91	4.2	9	3	5	3	10	0	0	0	1	0	0	1	10	11	7	0	0	1	8	18	3	9	1	3	1	2	2	6	3			
	9	1018.7	+4.7	7.0	0.6	9.4	91	5.3	1	7	3	11	8	0	0	1	0	0	0	2	9	8	8	2	0	1	9	17	3	8	1	5	0	2	2	5	4				
Chivenor [Devon]	15	1017.3	—	10.0	1.4	10.2	81	5.2	0	7	7	10	6	0	0	0	0	0	1	6	8	8	2	0	2	14	14	0	12	3	0	1	1	5	4	4					
	21	1018.4	—	7.4	0.7	9.5	89	4.3	7	6	3	4	10	0	0	0	0	0	0	3	11	12	4	0	0	6	21	3	8	5	2	1	1	1	6	3					
	7	3	1018.2	—	7.2	1.1	8.9	83	5.1	4	5	3	9	9	0	0	0	0	0	4	4	7	12	3	0	2	8	19	1	5	2	7	3	2	1	5	4				
	9	1018.0	+4.5	7.9	1.2	9.1	81	6.0	1	3	4	15	7	0	0	0	0	0	0	5	7	11	7	0	2	9	17	2	6	1	7	1	4	0	3	6					
Exeter [Devon]	15	1016.9	—	10.1	2.1	9.4	74	5.2	2	5	6	9	8	0	0	0	0	0	0	2	2	7	15	4	0	2	14	12	2	11	2	0	0	3	5	3	4				
	21	1017.9	—	7.5	1.1	9.1	85	5.5	1	5	5	10	9	0	0	0	1	0	2	9	5	10	3	0	2	7	17	4	8	4	4	2	2	0	4	2					
	38	3	1018.4	—	4.4	0.5	8.1	91	4.1	9	4	2	5	8	2	0	4	0	1	0	3	8	12	2	0	1	6	13	10	1	1	2	1	1	0	9	5				
	9	1018.3	+4.3	5.2	0.7	8.2	88	4.7	3	7	5	8	6	1	0	4	0	0	0	1	5	5	9	6	0	1	7	12	10	5	0	0	2	1	1	6	5				
Scilly [Cornwall]	15	1016.8	—	9.6	1.7	9.6	77	4.8	1	9	4	10	6	0	0	0	0	0	0	4	9	8	9	0	0	8	11	1	9	0	0	0	8	0	7	5					
	21	1018.0	—	5.6	0.6	8.5	89	3.8	7	9	1	3	10	0	0	1	0	1	0	4	7	10	6	5	0	0	7	14	9	3	1	1	2	1	2	7	4				
	61	3	1020.0	—	9.5	1.4	9.9	81	5.1	1	8	5	6	10	0	0	0	0	0	1	2	10	7	10	0	7	9	10	4	6	3	1	0	2	3	7	4				
	9	1019.8	+6.4	9.9	1.5	10.1	80	5.7	1	1	8	15	3	2	0	0	0	2	0	1	5	6	8	8	0	6	13	11	0	6	4	1	0	3	4	7	5				
St Mawgan [Cornwall]	15	1018.6	—	10.4	1.6	10.2	79	5.8	2	2	7	11	8	0	0	0	0	0	1	2	6	5	11	5	0	6	12	12	0	9	4	0	0	2	4	5	6				
	21	1019.5	—	9.8	1.4	10.1	81	5.3	1	7	5	6	11	0	0	0	0	0	0	0	8	7	5	10	0	5	13	11	1	7	5	1	0	1	3	5	7				
	107	3	1019.1	—	7.4	0.8	9.3	87	5.1	2	7	3	9	9	0	0	0	1	2	2	6	8	11	0	0	4	14	10	2	5	1	3	0	8							

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

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Table 3. Number of days with maximum and minimum temperatures between given limits																	NOT USED IN 1971																			
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	1	11	8	0	0	0	0	0	0	0	10	11	8	1	0	Edgbaston		0	7	12	9	2	0	0	0	0	0	0	0	7	11	11	1	0
Lerwick (large screen)		0	11	16	3	0	0	0	0	0	0	0	11	8	10	1	0	Kew (psychrometer)		0	3	13	11	3	0	0	0	0	0	0	0	8	15	6	1	0
Stornoway		0	7	14	9	0	0	0	0	0	0	0	7	12	8	3	0	Kew (north-wall screen)		0	3	16	9	2	0	0	0	0	0	0	3	16	11	0	0	
Craibstone		0	12	8	10	0	0	0	0	0	0	0	14	9	5	2	0	Hastings		0	4	10	14	2	0	0	0	0	0	0	4	14	9	3	0	
Rothsay		0	4	13	12	1	0	0	0	0	0	0	5	13	10	2	0	Southampton		0	2	10	15	3	0	0	0	0	0	0	8	15	7	0	0	
Abbotsinch		0	6	11	12	1	0	0	0	0	0	1	7	11	8	3	0	Stonyhurst		0	4	13	12	1	0	0	0	0	0	1	12	7	10	0	0	
Eskdalemuir (psychrometer) ..		0	13	10	7	0	0	0	0	0	0	1	12	9	7	1	0	Valley		0	0	13	16	1	0	0	0	0	0	0	0	9	14	7	0	
Eskdalemuir (large screen) ..		0	12	11	7	0	0	0	0	0	0	1	12	9	7	1	0	Falmouth		0	0	7	20	3	0	0	0	0	0	0	6	10	14	0	0	
Douglas		0	3	15	12	0	0	0	0	0	0	0	0	16	11	3	0	Aldergrove		0	3	15	10	2	0	0	0	0	0	0	5	13	9	3	0	
Acklington		0	11	10	7	2	0	0	0	0	0	0	8	14	5	3	0	Armagh		0	3	13	12	2	0	0	0	0	0	0	9	11	8	2	0	
Gorleston		0	3	16	8	3	0	0	0	0	0	0	1	17	12	0	0																			
Cambridge Botanic Gardens		0	5	13	10	2	0	0	0	0	0	0	6	17	7	0	0																			

Table 6 Summary of autographic records of wind

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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			veer from N	speed (kt)	day and time																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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NOVEMBER, 1971

[illegible]

Table 3 Additions and corrections

[illegible]

*Temperatures during the period 1949-57 are in degrees Fahrenheit.

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MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 837

UDC 551 506 1(41-4)

DECEMBER**1971**

VOLUME 88

NUMBER 12

f. lach
11/10/30
30/6/72

Very mild; duller and drier than average in most places

Relatively low pressure over the British Isles on the first 3 days was followed by an area of persistent high pressure to the south and this dominated most districts until the 25th. However, troughs of low pressure affected northern areas at times during this period and a cyclonic interlude occurred everywhere from the 18th to 23rd. From the 26th an intense anticyclone near north Scotland influenced all areas.

Weather

It was a very mild but mostly dull month. Strong winds occurred frequently in the north where it was more changeable than farther south but all areas, except north Scotland, had below average rainfall.

Wind

The number of days with gales reported was well above average over coasts in Scotland and Northern Ireland, and over these regions as a whole reports of local gales were almost a daily occurrence from the 3rd to 25th. On the evening of the 15th a gust of 107 kt was recorded at Cairngorm (Inverness-shire), height 1075 metres above sea level and overnight gusts of 50–60 kt occurred widely in Scotland. On the 19th south to south-west winds reached gale force locally in many areas; gusts of 58 kt and 53 kt were recorded at stations as far apart as Benbecula (Inverness-shire) and Manston (Kent) respectively. On the last 3 days easterly winds occasionally reached gale force on parts of the east and south coasts of England.

Temperature

Monthly mean temperature ranged from about 1 degC above average on the south coast of England to around 3.5 degC above average in parts of Scotland. Mean temperature over large regions of the United Kingdom was higher than the November value, most notably in Scotland and northern England, and Tynemouth (Northumberland) had its mildest December since 1934. Although the month began and ended cold with night frost in places, temperatures were generally above average everywhere from the 4th to 27th, except in north Scotland around the 22nd. Many areas had very mild spells during the second and third weeks, especially in Scotland and central and eastern England. Notably mild days included the 4th in east Scotland when 16.2°C was recorded at Inverness and the 20th and 21st in most areas; on the 20th the temperature reached 16.3°C at Colwyn Bay (Denbighshire) and on the next day 15.2°C was recorded at Lowestoft (Suffolk) – the highest December temperature there since the present record began in 1921.

Rainfall

With the exception of north Scotland all districts had below average rainfall (including melted snow), and less than half the average occurred over almost the whole of Northern Ireland, most of England and Wales, and coastal areas in east and south-west Scotland. Rainfall was less than a quarter of the average in a few places, notably in the counties of Antrim, Armagh and Down. It was the driest December for many years at a number of widely separated stations, for example at Armagh since 1844, at Aberdeen since records began in 1912, and at Castle Kennedy (Wigtownshire) and Wye (Kent) since records began in 1924, although at Wye December 1930 was equally dry. Except for heavy rain in south-west England overnight on the 1st/2nd, many parts of the southern half of England had no measurable rainfall until the 18th while elsewhere during this period amounts of rain were generally small. Most districts had rain at times from the 18th to 23rd; it was heaviest in the north and west and at Achnagart (Ross and Cromarty) 118.8 mm of rain were recorded in the 24 hours beginning at 09 GMT on the 23rd. In general only small amounts of rain occurred during the last week but it was wet in the north Midlands on the 27th.

Snow

The incidence of snow or sleet (rain or drizzle and snow) over Scotland was much lower than average, except in the Shetland Islands where, together with most other areas of the United Kingdom, the number of days on which snow or sleet fell was about average. Apart from wintry showers in north Scotland around the 22nd there was virtually no snow until the last 5 days. From the 27th snow or sleet

showers occurred; they fell mainly in eastern and southern England but snow did not lie on the ground to any extent except on the 29th and 30th when 3–5 cm occurred in a few areas in East Anglia and south-east England.

Sunshine

In general sunshine amounts were below average except in a few places. Less than half the average sunshine was recorded in parts of north and south Scotland, Inverness and Marchmont (Berwickshire) having their dullest December since 1921 and 1934 respectively. It was very dull also in parts of north-west England and north Wales; Prestatyn (Flintshire) had its dullest December since records began in 1933. In contrast to the generally low sunshine values large parts of Yorkshire were much sunnier than average and Huddersfield recorded 206 per cent of average. Parts of the west Midlands were virtually sunless until the 13th and many places here and elsewhere recorded a total of 19 days during the month without sunshine.

Fog

During the first 9 days overnight fog occurred in England; it affected mostly eastern and southern areas and usually cleared during the morning. However, fog persisted throughout the day in parts of the Midlands and north-east England on the 1st, and in parts of the east Midlands and East Anglia on the 2nd, 3rd and 7th. Hill fog occurred in the Midlands and southern England overnight on the 22nd/23rd.

Miscellaneous phenomena

Observers in Scotland saw the aurora on 11 nights.

Table 1 District Values

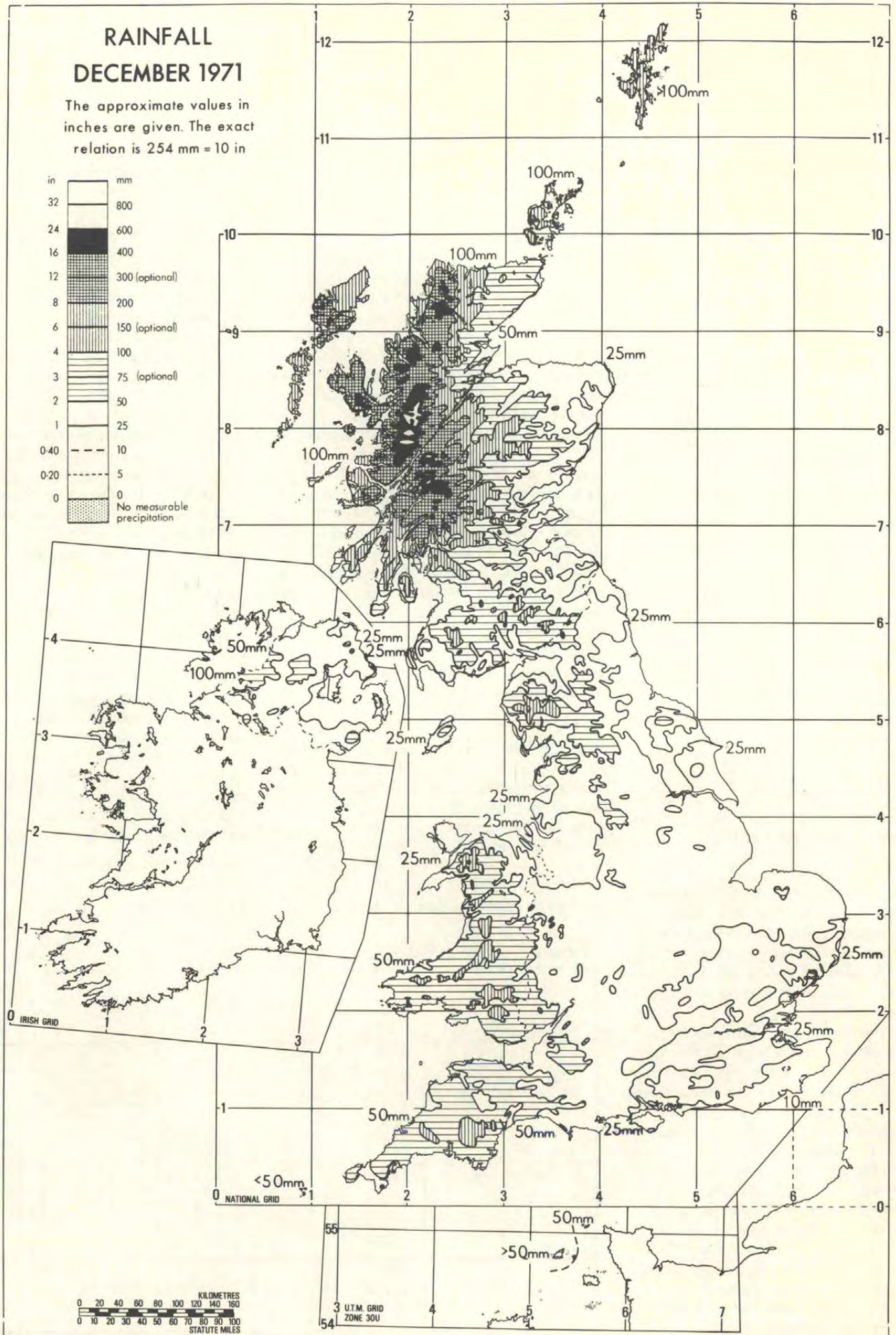
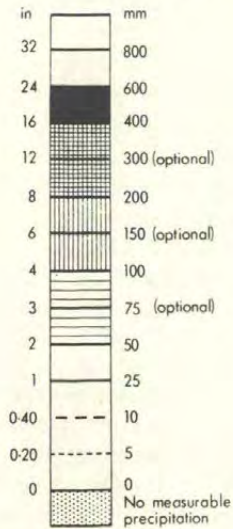
December 1971

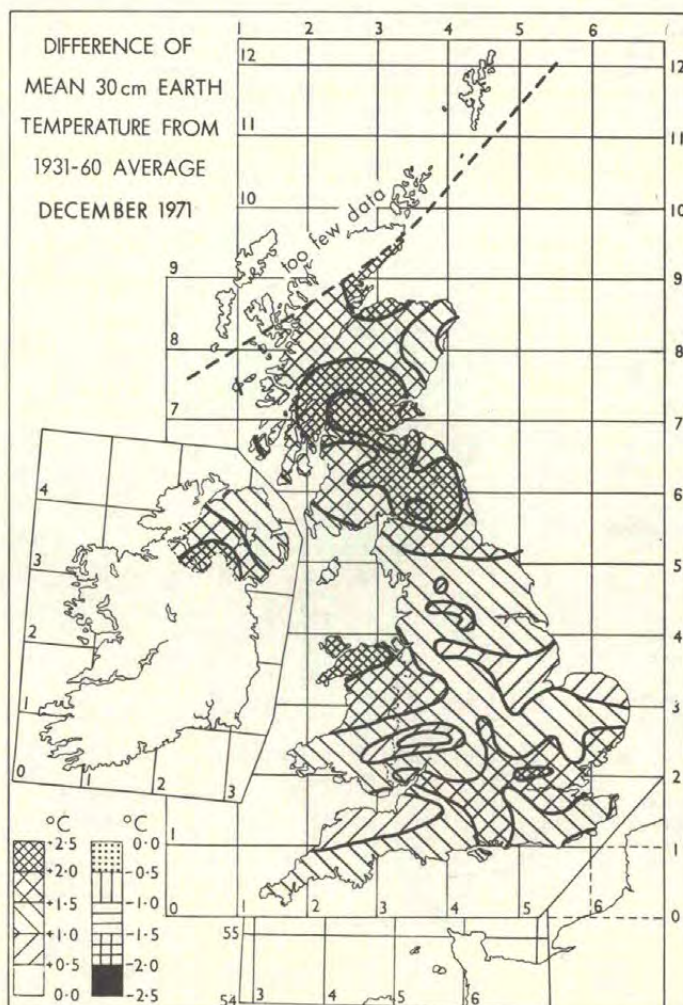
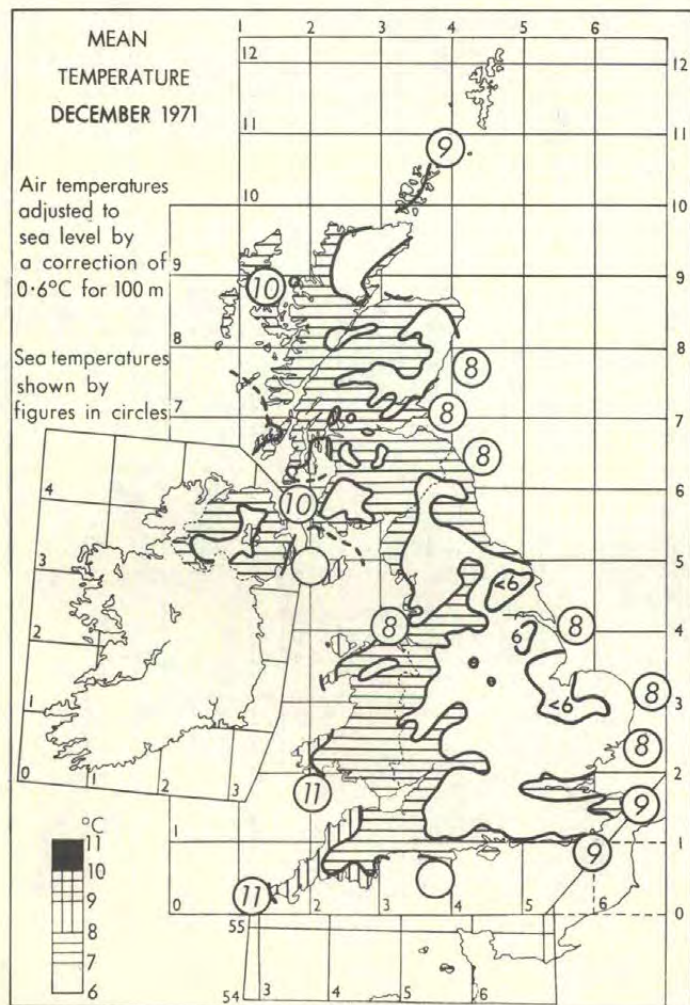
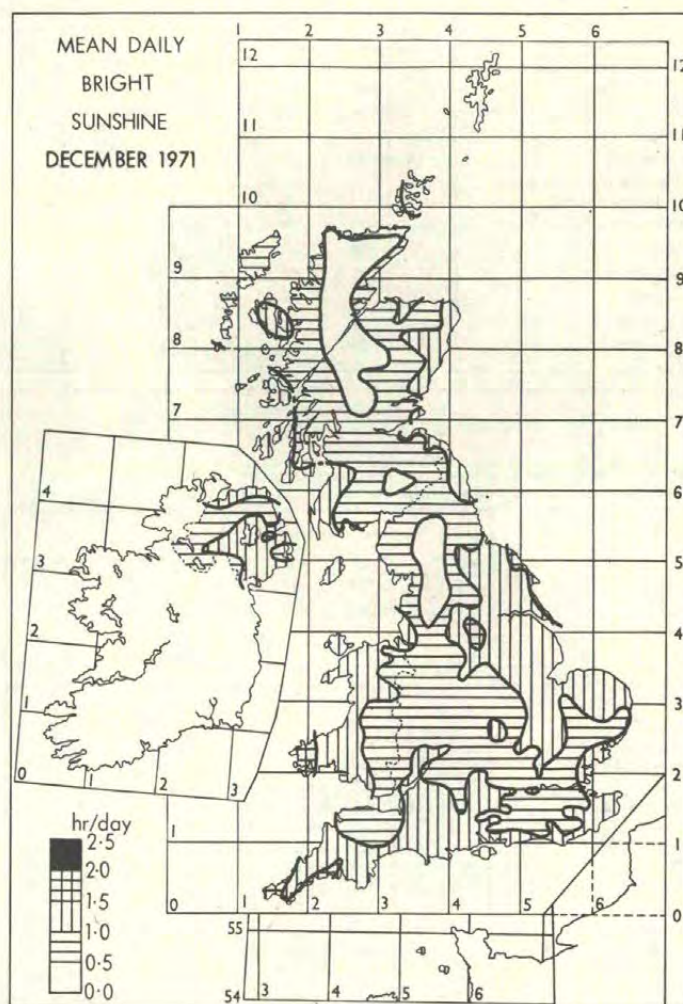
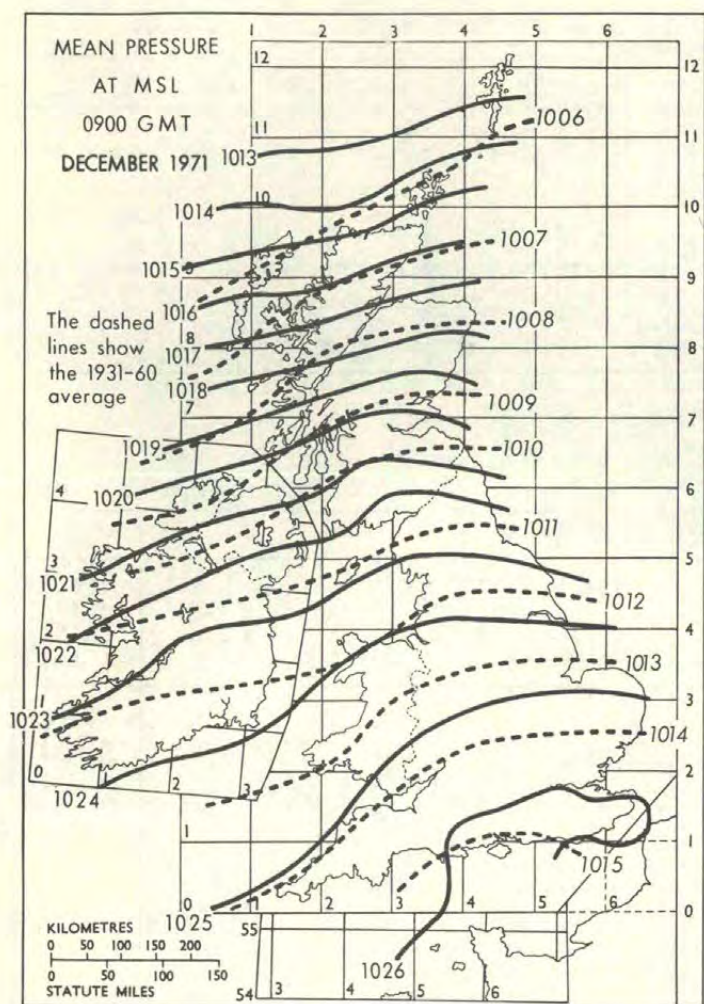
District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	Highest Max. *	Lowest Min. *	max.	min.	mean				
			difference from average						
0 Scotland N	13.9	−2.6	+2.1	+2.0	+2.0	—	+1	119	80
1 Scotland E	14.0	−2.4	+2.6	+2.8	+2.7	+2.0	−4	51	74
2 England N E	15.0	−3.3	+2.0	+2.0	+2.0	+1.4	−6	47	98
3 England E	14.8	−1.5	+1.4	+2.0	+1.7	+1.5	−6	51	76
4 Midlands	14.3	−3.5	+1.5	+2.2	+1.9	+1.5	−7	49	89
5 England S E	14.5	−6.0	+1.2	+1.7	+1.5	+1.0	−9	31	73
6 Scotland W	13.8	−3.1	+2.2	+3.0	+2.6	+1.9	−3	66	83
7 Eng NW - Wales N	16.2	−4.5	+1.6	+2.4	+2.0	+1.9	−9	34	67
8 Eng SW - Wales S	14.4	−4.3	+0.8	+1.4	+1.1	+1.1	−9	48	65
N Ireland	14.8	−3.3	+1.9	+1.6	+1.7	—	−11	28	93
Scotland	14.0	−3.1	+2.3	+2.6	+2.4	—	−2	82	79
Eng - Wales	16.2	−6.0	+1.4	+1.9	+1.7	—	−8	44	79

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

RAINFALL DECEMBER 1971

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





DECEMBER, 1971

1. Formerly listed as Bracknell: the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

DECEMBER, 1971

For meaning of symbols \bar{x} , s , \pm , S used below see Notes in the Introduction.

² Lerwick. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

³ All observations other than rainfall are being made at 274 metres.

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

DECEMBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1931-50 average	most in a day		precip'n		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	0.2mm or more	1.0mm or more																
6a SCOTLAND W — continued																																		
Argyll — continued																																		
Campbeltown ...	99	12	9.9	5.7	7.8	—	(14.0)	20	1.0	3, 29	—	—	29	—	7	18	10	7	—	0	—	—	—	—	0	0	—	—	—	—	0.98	—	—	
Achaglachgach ...	99	12	9.5	4.8	7.1	—	13.0	20	—4.0	31	—	—	109	63	27	3	20	14	—	—	—	—	—	—	0	4	9	—	—	—	—	—		
Knapdale Forest ...	99	40	9.3	4.7	7.0	—	13.6	20	—3.6	29	—	—	138	—	25	26	20	16	0	0	0	0	0	0	0	5	10	—	—	—	—	—		
Glenbranter ...	99	24	10.2	4.0	7.1	—	13.4	18	—6.0	3	—	—	225	—	30	18	21	20	0	0	0	0	0	0	0	6	13	—	—	—	—	—		
Glen Etive ...	99	24	9.5	4.6	7.1	—	13.3	18	—3.9	30	—	—	351	—	54	23	24	22	0	0	0	0	0	—	5	9	—	—	—	—	—	—		
Benmore Younger Botanic Gardens ...	99	12	9.8	5.0	7.4	—	14.0	20	—2.5	28	—	—	211	78	29	20	22	19	1	0	0	0	0	0	6	10	—	—	—	—	—	—		
Bute																																		
Kildonan ...	21-9	18	9.3	7.2	8.3	—	12.7	20	1.4	28	—	—	55	—	10	3	14	12	0	0	0	0	0	0	0	2	2	14	1.07	—	—	—		
Brodick Castle ...	99	15	10.0	5.7	7.9	—	14.3	20	—0.3	28	7.2	—	109	60	19	18	17	15	0	0	0	0	0	0	1	9	—	—	—	—	—	—		
Rothsay ... ¶ §	99	43	9.7	6.1	7.9	+2.6	13.8	20	1.0	29	6.9	7.7	82	55	13	20	19	13	0	0	0	0	0	0	0	7	—	—	—	0.80	82	S		
Dunbarton																																		
Finnart ...	99	15	10.1	5.9	8.0	—	14.6	20	—2.0	29	—	—	173	—	22	19	21	19	0	0	0	0	0	0	0	3	—	—	—	—	—	—		
Helensburgh ...	99	89	9.3	5.3	7.3	+3.1	12.4	20	—2.4	30	—	—	106	68	23	20	20	15	0	—	0	0	0	1	1	—	—	—	—	—	1.00	132	—	
Sloy ...	21-9	12	10.0	6.2	8.1	—	14.4	20	—0.7	28	—	—	299	—	46	20	24	20	1	—	0	0	0	0	2	—	—	—	—	—	—	—		
Cumbernauld ...	99	94	8.5	2.9	5.7	—	12.2	20	—4.0	28	—	—	75	—	20	20	15	15	0	0	0	0	1	1	9	11	—	—	—	—	—	—		
Stirling																																		
Earls Hill ...	21-9	335	6.5	3.4	4.9	—	11.0	20	—2.0	28	—	—	98	—	20	20	19	15	0	—	0	0	1	1	5	9	9	16	0.59	—	—	—		
Stirling Batterflats ...	99	38	9.4	4.7	7.1	—	13.3	20	—1.8	2	6.6	7.4	75	—	15	20	16	12	0	0	0	1	1	2	5	11	—	—	—	—	—	—		
Parkhead ...	99	107	9.6	4.3	6.9	—	13.8	20	—1.4	3	6.2	—	51	—	9	19	16	11	0	0	0	0	0	1	4	—	—	—	—	—	—	—		
Falkirk Sewage Works	99	3	9.6	4.8	7.2	—	13.4	20	—1.1	28	—	—	60	—	15	20	20	15	0	0	0	1	1	2	3	—	—	—	—	—	0.63	—	—	
Grangemouth ...	99	4	10.0	5.1	7.5	—	13.9	20	0.3	3	—	—	46	—	9	20	16	12	0	0	0	0	0	2	0	6	—	—	—	—	—	—		
Grangemouth Refinery	99	2	10.0	5.3	7.7	—	(13.8)	20	0.8	2	—	—	37	—	6	19	13	10	—	—	—	—	—	—	0	—	—	—	—	—	—	—		
Renfrew																																		
Greenock ...	99	61	9.2	5.8	7.5	+2.3	13.5	20	0.6	28	—	—	132	74	24	20	19	15	0	0	0	0	0	0	0	5	—	—	—	0.63	119	S		
Paisley ... ‡	99	32	9.6	5.6	7.6	+2.8	12.8	20	—0.7	28	6.7	8.1	91	77	21	20	17	11	0	0	0	0	2	1	1	6	—	—	—	—	0.47	64	—	
Barrhead ...	99	30	9.5	3.8	6.7	—	11.8	10	—4.2	28	—	—	101	84	25	20	17	11	0	0	0	2	3	1	6	9	—	—	—	—	—	—		
Abbotsinch ... ¶ §	21-9	5	9.5	5.5	7.5	+3.1	13.3	20	—2.5	30	—	—	77	73	17	20	17	11	0	0	1	0	1	2	7	10	9	2	0.62	75	—	—		
Lanark																																		
Crossmyloof ...	99	23	—	4.3	—	—	—	—	—3.4	28	—	—	73	—	15	20	15	12	0	0	0	1	3	0	6	—	—	—	—	—	0.57	—	—	
East Kilbride ...	99	178	8.2	4.4	6.3	—	12.6	20	—3.6	28	—	—	89	—	21	20	21	14	—	—	—	—	—	—	3	8	—	—	—	—	0.75	—	—	
Glasgow, Springburn	99	107	8.6	4.8	6.7	+3.0	12.5	20	—0.7	2	—	—	75	78	18	19	18	13	0	0	0	0	2	0	2	9	—	—	—	—	0.56	89	—	
Coatbridge ...	99	78	8.9	4.4	6.7	+2.9	13.0	20	—3.0	28	—	—	59	71	10	19	15	10	1	0	0	1	1	0	3	—	—	—	—	—	—	—	—	
Salsburgh ...	21-9	275	7.1	4.2	5.7	—	11.6	20	—2.0	28	—	—	—	—	—	—	—	—	1	—	—	0	1	0	2	6	9	9	8	—	—	—	—	
Leadhills ...	99	387	6.8	3.4	5.1	+2.7	11.8	20	—5.7	30	—	—	99	55	33	18	19	14	2	3	0	0	0	0	0	6	11	—	—	—	—	—	—	
Crawfordjohn ...	99	274	7.4	3.2	5.3	—	12.0	20	—4.0	28, 30	5.9	—	44	—	11	18	19	12	3	0	0	0	0	0	6	9	8	3	0.87	—	—	—	—	
Lanark ...	99	152	8.6	4.3	6.5	—	12.2	20	—3.3	28	—	—	—	—	—	—	—	—	1	0	0	1	1	0	5	—	—	—	—	—	—	—	—	
Carnwath ...	99	208	8.0	2.6	5.3	+2.4	12.2	20	—5.4	2, 28	5.6	—	38	45	5	19	18	11	2	0	1	1	1	0	8	14	—	—	—	—	—	—	—	
Camps Reservoir ...	99	295	7.5	3.2	5.3	—	10.6	11	—2.7	2	—	—	66	47	15	18	20	13	2	0	0	0	0	0	6	—	—	—	—	—	—	—	—	
Ayr																																		
Girvan ...	99	8	9.9	6.1	8.0	—	14.3	20	—2.5	28, (29)	—	—	27	—	7	18	13	7	0	0	0	0	0	0	4	8	—	—	—	—	—	—	—	
Hunterston ...	99	8	9.9	6.7	8.3	—	13.2	15	1.0	28	—	—	62	—	11	3	16	9	0	0	1	0	0	0	0	—	—	—	—	—	—	—	—	
Barr ...	99	122	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Auchincruive ‡	99	45	9.1	4.6	6.9	+2.3	13.8	20	—3.8	28	7.3	8.2	32	31	5	18-20	14	9	0	0	0	1	0	0	5	9	—	—	—	—	—	1.21	110	—
Prestwick ...	21-9	16	9.4	5.7	7.5	—	14.5	20	—4.9	28	—	—	31	33	7	20	12	8	0	0	0	0	0	0	5	10	7	0	—	—	—	—	—	
Kilmarnock ...	99	34	9.4	4.2	6.8	+2.4	13.8	20	—4.2	28	5.3	7.7	44	43	(11)	20	15	11	—	0	—	—	—	—	2	5	13	—	—	—	—	—	—	
Dumfries																																		
Dumfries ... ¶ § ‡	99	49	9.1	4.8	6.9	+2.6	13.5	20	—1.9	23	6.8	7.7	45	42	17	18	14	7	0	—	0	0	0	0	5	14	—	—	—	—	—	0.86	78	—
Eskdalemuir ⁴ ¶	21-9	242	7.1	4.2	5.7	—	11.0	20	—3.6	23	7.0	8.0	95	59	21	20	22	14	4	0	1	0	0	3	2	9	9	3	0.51	44	—	—	—	
			7.4	4.2	5.8	+2.9	11.2	20	—3.1	23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Kirkcudbright																																		
Bargrennan ...	99	110	8.6	3.4	6.0	—	12.5	20	—2.6	23	—	—	57	35	18	18	17	8	0	0	0	0	0	1	9	14	—	—	—	—	—	—	—	
Palnure ...	99	15	9.3	4.1	6.7	—	13.2	16	—2.6	23	—	—	46	33	13	18	17	7	0	0	0	0	0	4	6	11	—	—	—	—	—	—	—	
Clatteringshaws ...	99	178	8.1	3.8	5.9	—	11.6	20	—2.3	3	—	—	96	45	32	18	17	11	0	0	0	0	0	1	7	—	—	—	—	—	0.67	—	—	
Glenlee ...	99	55	9.4	3.4	6.4	+2.4	13.8	20	—4.0	23	—	—	75	44	34	18	14	11	—	0	—	—	—	0	10	12	—	—	—	—	—	—	—	
Dundough ...	99	119	8.8	2.7	5.7	—	13.3	20	—6.2	24	6.6	—	71	42	25	18	14	12	0	0	0	0	0	1	12	—	—	—	—	—	—	—	—	
St Marys Isle ...	99	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Girdstingwood ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Glenlochar Barrage ...	99	47	9.1	3.9	6.5	—	12.7	20	—3.3	23, 24	—	—	50	39	16	18	14	10	0	0	0	0	0	1	8	—	—	—	—	—	—	—	—	
Threave ...																																		

Table 3 Summary of daily observations

For meaning of symbols 1 5 ± S used below see Notes in the Introduction.

DECEMBER, 1971

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 1931-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date																	
2 ENGLAND NE — continued																																	
Yorkshire N Riding																																	
Leeming ...	21-9	32	8.9	4.9	6.9	—	15.4	20	-3.0	1	—	—	17	29	5	22	8	6	2	0	0	1	0	2	5	9	7	0	1.34	—	—		
Marton ...	99	46	9.2	4.7	6.9	—	14.5	20	-2.2	1, 2	6.2	7.4	17	—	6	27	9	5	1	0	0	2	0	—	2	7	—	0	1.13	—	—		
York (Heslington) ...	99	20	8.9	3.2	6.1	—	15.2	20	-3.5	7	5.4	6.4	24	—	11	22	8	6	1	0	0	0	0	6	5	14	—	0	1.26	—	—		
Pickering ...	99	44	8.0	2.4	5.2	—	14.2	20	-4.3	3	—	—	18	—	5	19	12	6	0	0	0	1	0	4	9	14	—	0	—	—	—		
Scarborough ...	99	53	8.4	4.3	6.3	—	13.8	20	-2.1	2, 3	5.4	7.1	12	—	3	23	7	5	0	0	1	0	0	2	2	10	5	4	1.29	108	—		
Silpho Moor ...	99	203	8.3	3.1	5.7	—	13.4	20	-1.9	2	4.9	—	26	33	6	19, 27	16	6	0	0	2	0	0	2	3	12	—	0	1.76	—	—		
Whitby Coastguard ...	21-9	60	8.7	4.9	6.8	—	15.2	20	-1.2	3	—	—	9	—	2	27	8	3	0	0	0	0	0	1	3	2	2	—	—	—	—		
Yorkshire E Riding																																	
High Mowthorpe ...	99	175	7.6	3.2	5.4	—	13.7	20	-1.7	3	5.3	—	23	38	7	22	10	8	—	0	—	—	—	6	3	15	—	—	1.35	—	—		
Hull ...	99	2	9.2	4.1	6.7	+1.8	14.4	20	-1.1	2, 3	6.0	8.2	32	56	9	22	12	8	1	0	2	0	0	4	3	9	—	0	1.33	128	—		
Filey ...	99	37	8.4	3.1	5.7	—	11.7	20	-3.3	3	—	—	15	21	4	22	9	5	1	0	1	0	0	2	5	10	—	0	1.57	—	—		
Bridlington ...	99	48	8.5	3.4	5.9	+1.6	13.9	20	-3.2	2	—	—	28	40	7	19	13	9	1	0	0	3	0	3	1	7	—	0	1.61	120	—		
Kilnsea ...	21-9	12	8.1	4.6	6.3	—	12.0	21	-1.5	2	—	—	21	—	7	22	11	5	4	0	2	2	0	3	1	—	—	2	1.49	—	—		
Lincoln																																	
Waddington ...	5	21-9	68	7.9	4.4	6.1	+1.9	13.9	20	-1.5	1	—	26	—	8	22	9	5	3	1	2	0	0	6	4	5	4	0	1.32	95	—		
Lincoln ...	99	7	8.2	3.3	5.7	+1.6	13.9	20, 21	-3.3	1	6.2	7.2	26	50	7	22	8	6	2	0	0	0	0	5	6	11	—	0	1.28	—	—		
Cranwell ...	99	62	8.1	3.1	5.6	+1.4	13.6	21	-1.4	1	5.6	6.7	30	61	11	22	8	7	3	1	0	1	0	6	4	7	5	0	1.24	79	—		
Brigg ...	99	3	8.4	3.1	5.7	—	14.2	20	-1.8	2	—	—	31	—	8	22	10	8	3	0	0	0	0	7	7	13	—	0	—	—	—		
Binbrook ...	21-9	108	7.5	3.7	5.6	—	13.0	20	-2.6	2	—	—	28	—	7	22	13	8	4	0	0	3	0	4	6	7	6	0	1.32	—	—		
Cleethorpes ...	99	7	8.7	4.2	6.5	+1.7	13.6	21	-2.4	2, 3	—	—	28	53	7	22	11	7	—	0	—	—	5	1	7	—	—	1.37	96	—			
Manby ...	21-9	17	8.4	4.3	6.3	—	14.2	21	-2.6	1	5.9	—	33	62	9	27	9	8	3	0	0	3	0	4	3	10	4	0	1.43	—	—		
Skegness ...	99	5	(8.2)	(3.7)	(5.9)	(+1.2)	14.0	21	1.5	2, 3	—	—	29	57	10	22	8	8	0	0	0	0	0	2	2	3	—	0	1.26	85	—		
3 ENGLAND E																																	
Norfolk																																	
Terrington St. Clement ...	99	4	8.1	3.6	5.9	+1.6	11.9	15	-1.1	3	6.7	—	33	75	11	22	11	7	2	0	0	0	0	6	4	7	—	0	0.98	71	—		
Marham ...	21-9	23	7.9	3.9	5.9	—	14.3	21	-1.9	3	—	—	35	—	11	22	13	7	3	1	0	2	0	5	5	6	5	0	—	—	—		
Santon Downham ...	99	24	8.3	2.7	5.5	—	15.1	21	-6.9	29	6.3	7.4	28	49	7	22	13	7	—	0	—	—	—	7	14	—	—	0.98	—	—	—		
East Dereham ...	99	53	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Morley St Botolph ...	99	48	8.1	3.2	5.7	—	14.4	21	-2.4	2	5.8	—	30	—	9	22	11	9	1	0	0	0	0	—	6	10	—	0	1.13	—	—		
Cromer ...	99	54	(8.5)	(3.3)	(5.9)	(+0.9)	14.0	21	-5.0	2	—	—	35	54	11	22	11	7	1	—	0	0	0	1	3	3	—	0	1.20	75	—		
Coltishall ...	21-9	17	8.7	4.4	6.5	—	14.8	21	-3.6	2	—	—	35	—	9	22	11	10	2	0	3	0	0	6	3	9	4	0	—	—	—		
Burlingham ...	99	27	8.5	3.8	6.1	—	15.0	21	-2.6	2	—	—	27	48	8	22	9	9	3	1	0	3	0	5	3	8	—	0	1.01	—	—		
Gorleston ...	21-9	4	8.3	5.0	6.7	+1.4	14.8	21	-1.5	2	6.8	8.4	29	53	6	22	12	8	3	0	1	2	0	5	2	4	3	0	1.15	77	—		
Suffolk																																	
Brooms Barn ...	99	75	7.9	3.5	5.7	—	14.0	21	-1.5	29	5.8	7.1	23	—	6	19	10	6	3	0	0	1	0	4	4	7	—	0	0.94	—	—		
Honington ...	99	51	8.1	4.1	6.1	—	14.9	21	-2.5	29	—	—	23	—	6	22	10	6	3	1	0	2	0	5	4	8	6	0	—	—	—		
East Bergholt ...	99	4	8.6	3.4	6.0	—	14.6	21	-0.4	29	—	—	25	44	7	22	8	6	—	—	—	—	7	4	13	—	—	—	—	—	—		
Wattisham ...	21-9	89	7.8	3.9	5.9	—	13.3	21	-1.5	2, 29	—	—	26	49	5	19	10	6	3	1	0	2	0	5	4	10	8	0	0.85	—	—		
Lowestoft ...	99	25	8.7	4.3	6.5	+1.7	15.2	21	-1.7	2	6.6	7.8	22	39	5	22	10	8	1	0	2	1	0	2	3	3	0	0.85	53	—	—		
Cambridge																																	
Boxworth ...	99	44	8.4	3.8	6.1	—	13.9	21	-0.8	29	—	—	18	41	7	21	7	3	2	0	0	0	0	4	4	10	—	0	1.23	—	—		
Mepal ...	99	1	8.5	3.3	5.9	—	14.6	21	-1.3	1, 7	7.0	—	24	—	7	19	12	5	2	0	0	1	0	5	5	12	—	0	1.25	—	—		
March ...	99	2	(8.5)	(3.7)	(6.1)	—	14.4	21	-0.2	1, 3	—	—	32	68	9	19	10	8	—	0	—	—	—	2	—	—	—	—	—	—	—		
Cambridge Botanic Gardens																																	
N I A B ⁶ ...	99	12	8.7	3.8	6.3	+1.8	14.0	20, 21	0.0	7, 29	—	—	17	40	6	21	9	3	0	—	0	0	0	2	0	11	—	0	—	—	—		
Huntingdon	99	26	8.8	3.6	6.2	+1.6	14.4	21	-1.4	29	—	—	17	40	7	21	8	3	1	0	0	0	0	2	2	6	—	0	1.27	95	—		
Monks Wood ...	99	40	8.3	3.6	5.9	—	14.7	21	-1.1	29	6.4	7.9	25	—	7	19	9	6	—	0	—	—	—	5	2	9	—	—	1.08	—	—		
Wyton ...	21-9	39	8.2	4.7	6.5	—	14.5	21	-1.1	29	—	—	24	56	8	19	10	5	3	1	0	2	0	5	3	7	6	0	—	—	—		
Bedford																																	
Woburn ...	99	89	8.2	3.6	5.9	+1.7	13.4	20	-2.0	1	6.5	8.4	21	40	8	19	10	6	2	0	0	1	0	3	6	11	—	0	0.97	67	—		
Silsoe ...	99	61	8.5	3.7	6.1	—	13.4	20	-1.3	1	5.9	7.8	21	47	7	19	9	5	1	0	0	1	0	5	5	8	7	—	—	1.08	—		
Cardington ...	21-9	28	8.7	4.2	6.5	+2.0	14.2	21	-2.6	1	6.8	8.0	20	47	7	19	8	5	2	0	0	0	0	3	4	10	8	0	1.02	—	—		
Luton ...	99	159	8.2	(3.1)	(5.7)	—	14.1	20	-3.1	30	6.7	8.2	(20)	—	(10)	(19)	9	6	—	0	—	—	—	6	5	14	—	—	0.72	—	—		
Hertford																																	
Aldenhall School ...	99	91	8.3	3.6	5.9	—	13.2	21	-1.8	8	6.7	—	29	—	15	19	7	4	1	0	0	0	0	3	5	12	—	0	—	—	—		
Garston ...	99	78	8.7	4.1	6.4	—	13.8	21	-0.7	1	—	—	27	43	16	19	8	4	—	0	—	—	—	7	3	8	7	—	—	0.93	—		
Rothamsted ...	99	128	8.1	3.3	5.7	+1.8	13.2	21	-1.0	1, 29	6.8	8.1	20	31	13	19	7	4	2	0	0	0	0	7	4	11	—	0	0.83	57	—		
St Albans ...	99	83	8.6	3.8	6.2	+2.1	13.8	21	-0.4	28	7.1	—	20	34	12	19	7	3	1	0	0	1	0	7	1	13	—	0	1.01	—	—		
Letchworth ...	99	59	(9.7)	(2.8)	(6.3)	—	13.8	20, 21	-2.2	1, 29, 31	—	—	23	53	8	27	7	5	—	—	—	—	—	7	7	—	—	—	—	—	—		
Stanstead Abbots ...	99	30	(9.2)	(3.2)	(6.2)	—	14.6	21	-1.7	8	(8.1)	(8.9)	19	—	11	19	4	4	—	0	—	—	—	—	(6)	5	9	—	—	—	—		
Hoddesdon ...	99	47	8.9	4.0	6.5	—	13.8	21	-0.6	29	7.2	—	26	—	13	19	8	4	3	0	0	0	0	—	2	4	—	0	0.95	—	—		
Essex																																	
Little Parndon ...	99	5																															

Table 3 Summary of daily observations

For meaning of symbols ¶ § ± S used below see Notes in the Introduction.

DECEMBER, 1971

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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more or more	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																	
4 MIDLAND COUNTIES — continued																																	
Yorkshire W Riding — continued																																	
Huddersfield	¶	99	99	9.1	4.7	6.9	—	13.0	16	-0.8	1	6.1	7.6	35	51	13	22	10	6	—	0	—	—	—	3	3	12	—	—	1.48	206	—	
Huddersfield Oakes	...	21-9	235	7.5	4.6	6.1	+2.1	13.3	20	-1.0	3	5.3	6.6	46	54	13	22	17	8	4	0	0	1	1	3	1	7	7	4	1.16	107	—	
Bradford	¶ §	99	134	8.5	4.1	6.3	+2.1	14.0	20	-2.6	3	6.0	7.4	32	41	11	22	11	8	2	0	1	1	1	3	3	9	—	0	1.18	155	S	
Ilkley	...	99	96	8.8	4.7	6.7	+2.6	14.0	20	-3.0	3	—	—	30	33	8	22	13	8	2	0	0	0	1	1	2	6	—	0	0.60	54	S	
Sheffield	...	99	131	8.8	4.8	6.8	+1.9	14.3	20	0.4	3	5.7	7.6	35	47	13	22	11	6	3	0	1	0	0	—	0	9	—	0	1.85	189	—	
Pontefract	...	99	78	9.0	4.3	6.7	+2.3	14.8	21	-0.6	3	—	—	27	56	12	22	9	4	2	0	0	0	0	6	2	5	—	0	—	—	—	
Bramham	...	99	54	8.7	3.7	6.2	—	14.9	20	-3.1	1, 2	—	—	—	—	—	—	—	1	0	0	1	1	2	4	10	—	0	—	—	—		
Cawood	...	99	6	8.7	3.2	5.9	—	14.7	20	-2.0	1, 2	5.4	6.5	26	50	12	22	10	5	1	0	0	0	0	3	6	11	—	0	1.22	—	—	
Askham Bryan	...	99	34	(8.9)	3.2	(6.1)	—	15.1	20	-2.3	1, 3	—	—	23	42	11	22	10	5	1	1	0	0	0	5	5	12	—	0	—	—	—	
Derby																																	
Buxton	¶	99	307	7.3	3.0	5.1	+1.8	12.2	20	-2.5	3	4.6	7.6	37	30	11	22	14	8	2	0	0	0	0	9	8	10	—	2	—	—	—	
Mackworth	...	99	89	8.2	3.4	5.8	—	15.5	21	-3.4	7	—	—	26	—	10	22	10	7	—	0	—	—	—	4	5	—	—	—	—	—	—	
Ashover	...	99	186	8.1	3.9	6.0	—	13.4	20	-1.5	1	—	—	38	—	8	27	11	7	3	1	0	1	0	5	1	9	—	0	1.20	—	—	
Derby	...	99	48	8.8	4.3	6.5	—	14.4	20	-2.4	7	—	—	27	45	10	22	10	6	1	0	0	0	0	4	3	12	—	0	0.89	—	—	
Morley	...	99	107	8.3	2.5	5.4	—	13.6	20	-3.9	7	—	—	32	50	10	22	12	8	—	0	—	—	—	6	9	11	—	—	0.88	—	S	
Wingerworth	...	99	126	8.5	3.1	5.8	—	14.2	20	-4.6	14	5.9	—	33	—	9	22	12	7	3	0	0	1	0	2	6	16	11	1	1.33	—	—	—
Nottingham																																	
Sutton Bonington	...	99	48	8.5	4.0	6.3	+1.9	14.4	20	-2.7	1	6.3	7.5	32	65	9	19, 22	12	8	2	0	0	0	0	2	4	11	—	0	0.66	59	—	
Watnall	...	21-9	117	8.0	4.3	6.1	+2.0	13.6	20	-1.3	1	—	—	32	55	10	22	13	7	3	1	1	1	0	6	3	10	6	0	0.87	71	—	
Mansfield	...	99	110	8.1	4.1	6.1	+1.8	13.1	20	-0.6	29	5.9	—	34	55	9	22	9	7	0	0	0	0	0	1	2	9	—	0	—	—	—	
Nottingham	¶ §	99	59	8.7	4.6	6.7	+2.0	14.3	20	-1.2	7	5.7	6.9	25	49	9	22	13	8	3	0	0	1	0	4	3	9	—	0	0.93	89	—	
Warsop	...	99	46	8.7	3.3	6.0	—	14.4	20	-3.7	7	—	—	26	50	8	22	10	5	—	0	—	—	—	7	6	18	—	—	1.32	—	—	
Finningley	...	21-9	10	8.9	4.5	6.7	+1.1	15.2	20	-1.0	1, 27	—	—	30	64	13	27	9	5	2	0	0	0	0	6	3	9	6	0	1.36	—	—	—
Leicester																																	
Newtown Linford	...	99	119	8.0	3.3	5.7	—	13.5	20	-3.6	1	—	—	38	66	16	19	8	6	3	0	0	0	0	4	6	7	—	0	0.66	—	—	—
Caldecott	...	99	53	(8.2)	3.1	(5.7)	—	13.9	20, 21, 22	-5.0	1	—	—	39	82	13	19	9	8	—	0	—	—	—	6	7	8	—	—	0.76	—	—	—
Northampton																																	
Bugbrooke Mills	...	99	69	8.5	(2.8)	(5.7)	—	14.0	21	-4.5	1	6.8	8.0	32	62	16	19	10	5	—	0	—	—	—	6	—	—	—	—	1.09	—	—	—
Raunds	¶ §	99	59	8.2	3.5	5.9	+1.9	14.3	21	-1.9	1	6.0	7.9	26	53	9	19	9	3	2	0	0	0	0	3	5	8	—	0	0.90	74	—	
Wittering	...	99	65	8.1	4.4	6.3	+1.8	14.4	21	-0.7	1	—	—	37	76	17	19	12	7	3	1	1	2	1	3	1	7	4	0	0.99	—	—	—
Warwick																																	
Birmingham	...	99	137	8.6	(4.2)	(6.4)	—	13.7	20	-0.4	(1), 29	—	—	30	45	11	19	8	7	2	0	0	0	0	3	(2)	—	—	0	—	—	—	
King Edward School	...	21-9	163	8.1	5.1	6.6	+1.9	13.7	20	-0.4	1	7.4	—	37	54	18	19	7	6	2	0	2	1	1	5	2	7	5	0	0.76	62	—	
Edgbaston	...	99	56	8.6	3.7	6.1	—	13.7	20	-4.5	1	—	—	40	—	17	19	10	7	2	0	0	0	0	8	5	12	—	0	0.87	—	—	—
Luddington	...	99	49	8.5	(3.3)	(5.9)	—	13.8	20	-4.8	1	7.0	—	37	76	14	19	10	7	2	1	0	1	0	4	—	—	—	0	0.87	—	—	—
Stratford	...	21-9	96	8.5	4.4	6.5	—	14.2	20	-4.6	1	—	—	27	—	10	19	7	5	3	0	0	1	1	3	2	10	6	0	0.71	—	—	—
Elmdon	...	99	111	8.3	3.4	5.9	—	13.9	21	-4.0	1	6.8	—	32	55	12	19	9	7	2	0	0	0	0	5	3	(13)	—	1	0.74	—	S	
Shipston-on-Stour	...	99	47	(8.4)	(3.5)	(5.9)	—	14.0	20	-4.9	1	—	—	33	66	13	19	8	7	—	—	—	—	6	—	—	—	—	—	(0.64)	—	—	—
Wellesbourne	...	99	85	8.4	3.5	5.9	—	13.5	20	-4.9	1	—	—	37	71	17	19	10	7	1	0	0	0	0	7	5	12	—	0	0.77	—	—	—
Moreton Morrell	...	99	117	8.3	3.2	5.7	+1.7	14.0	21	-5.5	1	5.6	7.4	30	56	11	19	8	6	3	1	0	2	2	—	4	7	5	0	—	—	—	—
Rugby	...	99	117	8.3	3.2	5.7	+1.7	14.0	21	-5.5	1	5.6	7.4	30	56	11	19	8	6	3	1	0	2	2	—	4	7	5	0	—	—	—	—
Oxford																																	
Brize Norton	...	21-9	84	8.3	4.5	6.4	—	13.3	21	-4.5	1	—	—	29	—	11	19	9	6	2	0	0	0	0	5	2	12	—	0	—	—	—	—
Oxford	¶ §	99	63	8.7	4.6	6.7	+1.8	13.6	21	-3.5	1	6.5	7.7	24	41	9	19	9	6	3	0	0	1	0	4	3	12	—	0	1.02	62	—	
Shirburn Model Farm	...	99	108	8.2	3.7	5.9	—	13.2	21	-2.8	1	6.5	—	20	—	10	19	8	4	3	0	1	0	0	6	6	12	—	0	—	—	—	—
Buckingham																																	
Medmenham	...	99	30	9.1	(3.4)	(6.3)	—	13.8	21	-3.5	1	—	—	31	—	17	19	9	5	0	—	0	0	0	—	12	—	—	0	—	—	—	—
Grendon Underwood	...	99	67	8.4	3.1	5.7	—	13.9	21	-4.9	1	7.0	8.4	25	—	9	19	7	6	0	0	0	0	0	—	6	15	—	0	0.84	—	—	—
Aylesbury	...	99	96	8.2	3.4	5.8	—	13.1	21	-1.9	1	—	—	28	49	13	22	7	3	4	0	0	0	0	4	7	11	—	0	0.59	—	S	—
Stafford																																	
Keele	...	99	179	7.9	3.8	5.9	—	12.6	21	-1.7	29	6.1	7.6	17	23	5	22	11	5	2	0	0	1	0	5	4	13	—	0	0.93	—	—	—
Oaken	...	99	125	8.3	3.6	5.9	—	13.9	20	-2.8	1	6.4	—	32	—	11	19	11	6	—	0	—	—	—	3	4	7	—	—	—	—	—	S
Stone	...	99	107	8.2	3.5	5.9	—	13.2	2	-1.3	29	—	—	22	33	7	22	11	4	—	0	—	—	—	4	4	11	—	—	0.71	—	—	—
Penkridge	...	99	101	8.6	3.9	6.3	—	14.0	20	-2.5	29	—	—	29	48	11	19	10	6	—	0	—	—	—	2	4	(12)	—	—	—	—	—	—
Shropshire																																	
Oswestry	...	99	174	8.7	4.1	6.4	—	12.8	20	-2.2	3	—	—	28	33	8	22	9	5	1	0	0	0	1	3	2	16	—	0	0.94	—	—	—
Shrewsbury	...	99	56	9.1	4.4	6.7	+1.9	14.4	20	-2.2	8	6.8	8.2	30	56	11	19	12	6	1	—	0	0	1	2	4	10	—	1	1.01	71	S	—
Shawbury	...	21-9	72	8.9	4.4	6.7	+2.2	14.5	20	-2.3	8	—	—	32	57	14	19	13	6	3	0	0	0	0	3	7	11	8	0	0.88	—	—	—
Bridgnorth	...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.90	—	—	—
Newport	...	99	64	8.6	3.3	5.9	+1.7	13.8	20	-2.8	8	—	—	27	50	11	19	11	6	2	0	0	1	0	2								

Table 3 Summary of daily observations

For meaning of symbols see § 5 used below see Notes in the Introduction.

DECEMBER, 1971

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 1931-60 average	most in a day amount (mm)	date	precip'n		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 1931-60 average	exposure		
			max. (a)	min. (b)			max.	date	min.	date							0.2mm or more	1.0mm or more															
5 ENGLAND SE																																	
Greater London																																	
5025 Kensington Palace ...	99	25	9.4	—	—	—	14.6	21	—	—	7.6	8.9	20	35	8	19	7	6	1	0	0	0	0	1	—	—	—	—	—	—	—	—	—
5028 Hampstead ...	99	137	8.5	3.8	6.1	+1.8	13.6	21	-1.3	29	—	—	23	38	9	19	8	6	1	0	0	0	0	—	3	8	—	—	0	0.94	81	S	
5034 St James Park ...	99	4	—	4.9	—	—	—	—	—	1.0	2.7, 30	—	—	19	38	7	19	7	5	1	—	—	—	—	—	—	—	—	—	—	—	—	
5036 Regents Park ...	99	39	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
5046 London W/Centre ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1.03	121	—		
5076 Greenwich ...	99	7	9.6	4.3	6.9	—	14.8	21	0.5	2	—	—	17	35	8	19	7	4	1	0	0	1	0	0	0	7	—	0	0.67	75	—		
5113 Heathrow ...	21-9	25	9.1	5.2	7.1	+2.2	14.6	21	-0.1	2	—	—	21	39	9	19	9	5	2	0	0	0	0	2	1	10	3	—	0	1.01	—	—	
5131 Hampton ...	99	12	9.2	4.7	6.9	—	14.4	21	-0.4	29	—	—	13	25	6	19	8	4	2	0	0	0	0	2	2	9	—	0	1.04	—	—		
5147 Wealdstone ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	0.91	—	—		
5155 Southgate ...	99	67	9.6	4.3	6.9	—	13.9	21	-1.1	29	7.9	—	28	48	15	19	7	4	1	0	0	0	0	2	1	12	—	0	1.09	—	—		
5258 Kew? ...	5 ‡	21-9	5	8.9	5.0	6.9	—	14.6	21	-0.5	1	7.1	8.4	18	35	9	19	8	4	3	0	0	0	0	2	2	9	6	0	1.02	80	—	
5259	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
5287 Waddon ...	99	59	9.2	4.8	7.0	+2.2	14.4	21	0.0	2	—	—	17	24	7	19	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5297 Addington ...	99	144	8.3	4.1	6.2	+1.7	13.9	21	-2.0	29	—	—	22	30	8	19	8	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5307 Bromley ...	99	65	8.7	4.6	6.7	+1.7	13.9	21	-1.1	29	—	—	19	32	6	19	6	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Surrey																																	
5271 Gatwick ...	21-9	59	8.6	4.3	6.5	+2.1	14.2	21	-3.1	2	—	—	25	31	12	19	11	6	2	0	0	0	0	2	5	12	5	1	0.88	—	—		
5237 Wisley ...	99	35	9.0	4.1	6.5	+1.8	14.5	21	-1.4	29	7.3	8.4	18	—	9	19	8	4	—	—	—	—	—	6	5	15	—	—	—	0.75	—	—	
5255 Mickleham ...	99	55	8.8	3.3	6.1	—	14.7	21	-4.4	29	6.5	7.8	23	29	8	19	9	6	1	0	0	0	0	1	6	10	—	—	—	—	—		
Kent																																	
5233 Hadlow College ...	99	30	9.1	4.0	6.5	—	14.0	21	-1.7	2	7.1	8.5	33	—	18	9	10	4	2	1	0	0	0	1	3	13	—	0	0.98	—	—		
5247 Gillingham ...	99	4	(9.6)	4.7	(7.1)	—	15.4	21	-1.1	2	—	—	20	35	8	19, 28	8	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
5255 Peckham ...	21-9	29	8.8	4.2	6.5	—	14.0	21	-3.0	2	—	—	17	—	6	19	10	4	2	0	0	0	0	3	4	11	9	0	1.18	—	—		
5270 Dungeness ...	21-9	3	8.6	4.5	6.5	+0.8	11.3	21	-2.5	2	—	—	13	20	3	19	11	5	2	0	2	0	0	2	3	—	—	4	—	—	—		
5279 Whitstable ...	99	3	9.5	(5.0)	(7.3)	—	15.1	21	-2.5	2	—	—	19	38	8	19	8	6	2	0	1	1	0	0	1	—	—	2	1.24	—	—		
5280 Folkestone ...	99	30	8.9	(4.1)	(6.5)	—	12.9	21	—	—	—	8.4	15	—	3	28	10	7	-2	0	1	0	0	1	4	9	—	1	1.11	—	—		
5286 Elmstone ...	99	9	8.8	3.7	6.3	—	14.5	21	-2.9	2	—	—	16	—	10	19	8	3	—	—	—	—	—	0	3	6	—	—	—	—	—		
5288 Herne Bay ...	99	31	9.0	4.3	6.7	—	14.5	21	-2.5	2	—	—	15	—	8	19	8	5	0	0	0	0	4	1	—	—	—	0	1.36	—	—		
5290 Dover ...	99	6	9.0	5.2	7.1	+1.3	12.2	20	-0.7	4	7.5	8.5	16	21	4	19	9	6	1	0	0	1	0	2	2	—	—	0	1.27	—	—		
5296 Manston ...	21-9	44	8.7	5.0	6.9	—	14.2	21	-3.2	2	—	—	11	21	7	19	8	1	3	0	0	3	0	2	1	5	2	1	—	—	—		
5299 Margate ...	99	16	9.2	4.8	7.0	+1.1	14.0	21	0.0	2, 4	7.3	8.9	8	—	4	19	8	1	2	0	0	0	1	0	1	—	—	0	1.10	74	S		
5331 Goudhurst ...	99	85	8.5	3.6	6.1	—	13.3	21	-2.9	2	—	—	26	30	11	9	11	6	2	2	0	0	0	2	5	15	—	—	—	—	—		
5336 East Malling ...	99	37	9.3	4.1	6.7	+2.1	14.4	21	-2.8	2	6.7	8.1	27	41	9	19	9	5	2	1	0	0	0	1	3	9	—	0	0.90	68	—		
5345 Throwley ...	99	150	8.2	4.1	6.1	—	12.8	21	-0.7	2	6.5	7.9	19	23	9	19	11	6	2	2	0	1	0	5	6	10	—	1	0.85	—	—		
5367 Faversham ...	99	48	9.1	4.3	6.7	—	14.9	21	-3.5	2	6.8	8.0	26	—	12	19	10	6	2	0	2	0	0	2	8	—	0	1.17	—	—	—		
5375 Wye ...	99	56	9.1	4.2	6.6	-2.0	13.8	21	-2.9	2	7.3	8.3	12	15	6	19	7	3	2	0	0	0	0	7	1	10	—	1	1.14	75	—		
Sussex																																	
Thorney Island ...	21-9	3	9.3	4.9	7.1	—	13.9	21	-1.2	29	—	—	15	21	9	19	7	4	2	0	0	0	0	2	3	12	7	0	1.31	—	—		
Rogate ...	99	64	—	4.0	—	—	—	—	-1.1	8	7.7	—	36	—	15	19	11	5	1	0	0	0	0	4	18	—	—	—	—	—	—		
Bognor Regis ...	99	7	9.3	4.8	7.0	+1.1	12.8	21	-0.4	30	—	9.5	18	23	8	9	8	5	2	0	0	0	0	1	2	10	—	0	1.35	70	—		
Fernhurst ...	99	57	9.1	3.4	6.2	—	13.9	21	-3.4	2	6.1	—	28	28	13	19	11	6	2	—	—	—	—	—	4	10	—	0	0.74	—	—		
Littlehampton ...	99	5	9.2	4.7	6.8	+1.2	12.6	21	-0.1	2	—	8.8	23	31	8	9	11	7	2	0	0	0	0	0	1	—	—	0	1.16	63	—		
Rustington ...	99	3	9.6	4.3	6.9	—	14.6	22	-1.2	2	—	9.1	21	26	9	19	8	6	—	—	—	—	—	3	11	—	—	0	0.81	—	—		
North Heath ...	99	21	9.2	4.1	6.6	—	13.8	20	3.0	2	6.9	8.4	56	—	12	19	12	7	2	0	0	0	0	2	6	10	—	0	0.94	—	—		
Worthing ...	99	2	9.4	4.8	7.1	—	12.6	21	-0.6	2	7.7	—	25	—	7	19	9	7	2	0	0	0	0	0	2	10	—	1	1.05	53	—		
Brighton ...	99	10	9.6	4.9	7.2	—	12.7	15	-0.1	2, 29	—	9.4	17	23	7	19	6	4	3	0	0	0	0	0	2	—	—	1	1.04	59	—		
Plumpton ...	99	76	8.7	4.4	6.5	—	12.5	21	-3.0	2	—	—	29	—	11	19	9	5	—	—	—	—	—	10	3	8	—	—	0.56	—	S		
Wakehurst Place ...	99	133	8.5	3.1	5.8	—	12.8	21	-2.8	2	—	—	28	—	9	19	8	5	2	2	0	0	0	4	5	13	—	—	—	—	—		
East Hoathly ...	21-9	40	8.9	3.3	6.1	—	12.9	21	-2.1	4	—	—	15	—	7	19	7	5	2	1	0	0	0	3	7	14	11	0	1.05	—	—		
Eastbourne ...	99	7	9.3	5.2	7.2	+1.2	12.4	20	-1.7	2	8.1	9.8	23	27	10	19	11	6	3	—	—	—	—	0	3	1	11	—	1	1.26	71	—	
Eastbourne Coastguard	21-9	3	9.0	5.3	7.1	—	12.8	20	-1.5	4	—	—	19	22	9	19	10	4	2	0	0	0	0	1	4	7	7	1	—	—	—		
Bexhill ...	99	4	9.2	4.9	7.1	+1.4	13.0	21	-1.5	2	7.6	—	11	14	5	19	8	5	2	0	0	0	0	2	3	5	—	0	1.03	59	—		
Bodiam ...	99	22	9.1	3.4	6.3	—	13.2	21	-4.1	2	7.4	8.9	15	18	9	19	6	4	3	0	0	0	0	2	6	17	—	1	0.90	—	S		
Hastings ...																																	

District, county and place			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 1931-50 average	highest max. and lowest min.				30cm (°C)	100cm (°C)	total fall (mm)		percentage of 1916-50 average		most in a day		precip'n		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	0.2mm or more	1.0mm or more	0.2mm or more	1.0mm or more																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
5 ENGLAND SE — continued																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												

Table 3 Summary of daily observations

For meaning of symbols ¶ § & S used below see Notes in the Introduction.

DECEMBER, 1971

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		precip'n		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	0.2mm or more	1.0mm or more														
NORTHERN IRELAND — continued																																	
Londonderry — continued																																	
Garvagh Forest ...	99	88		9.3	3.5	6.4	—	14.3	20	-3.1	28	6.4	8.0	42	—	17	18	15	9	0	0	0	0	0	0	8	13	—	—	—	—	—	—
Moneydig ¶	21-9	34		9.5	4.5	7.0	+2.1	14.8	20	-2.8	3	7.2	—	32	29	11	18	13	6	0	0	0	0	1	1	7	9	—	—	—	—	—	—
Traad Point ...	99	16		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Antrim																																	
Ballymoney ...	99	55		9.8	3.6	6.7	—	14.7	20	-1.6	3	—	—	30	—	10	18	10	8	0	—	0	0	0	0	6	—	—	—	—	—	—	—
Lisnafillan ...	99	38		9.4	3.5	6.5	—	14.5	20	-3.8	3	—	—	27	—	8	18	8	5	0	0	0	0	0	1	6	12	—	—	1.39	—	—	
Aldergrove ¶ §	21-9	68		8.7	4.8	6.7	+1.8	13.6	20	-2.0	3	6.5	8.6	14	14	4	18	12	5	0	0	0	0	0	0	5	9	8	0	1.10	99	—	—
Greenmount ...	99	32		9.6	4.2	6.9	—	13.3	20	-2.8	3	6.3	—	15	—	5	18	10	4	0	0	0	0	—	4	9	—	—	—	—	—	—	
Altnahinch ...	99	226		8.3	3.5	5.9	—	13.0	4, 20	-1.7	29	—	—	41	—	13	18	20	10	0	0	0	1	0	2	11	—	—	—	—	—	—	
Parkmore Forest ...	99	235		7.8	3.4	5.6	—	12.4	20	-1.7	28	6.4	—	45	26	9	18	19	11	0	0	0	0	0	0	3	13	—	—	—	—	—	
Black Mountain ...	21-9	295		6.9	3.9	5.4	—	12.2	20	-0.8	23	—	—	21	—	10	18	9	5	0	0	0	0	0	5	2	—	—	2	—	—	—	
Lowtown ...	99	271		7.4	3.3	5.3	—	11.7	20	-1.7	3	6.5	—	31	—	8	18	12	8	0	0	0	0	0	3	3	9	—	1	0.83	—	—	
Ballypatrick Forest	99	152		8.4	4.5	6.6	—	13.8	20	-0.4	3	—	—	29	22	9	18	12	9	0	0	0	0	0	1	7	—	7	1.13	—	—	—	
Belfast Malone ¶	99	35		9.7	4.5	7.1	—	14.7	20	-2.5	3	6.7	—	12	—	3	14	11	3	0	—	0	0	0	2	10	—	—	—	—	—	—	
Newtownabbey ...	99	32		10.1	5.3	7.7	—	15.5	20	-1.2	3	7.1	—	15	—	5	18	9	6	0	0	0	0	0	2	9	—	0	1.26	—	S	—	
Woodburn North ...	99	217		7.9	3.9	5.9	—	12.4	20	-2.1	3	—	—	29	22	11	18	10	9	0	1	0	0	6	1	9	—	0	—	—	—	—	
Larne ...	99	43		9.5	4.9	7.2	—	13.8	20	-0.1	23	—	—	28	24	7	18	13	8	0	0	0	0	0	0	1	—	—	—	—	—	—	
Kilroot ...	99	22		9.8	4.7	7.3	—	15.0	20	-2.2	3	—	—	17	—	3	18	9	7	0	0	0	0	0	0	3	8	—	—	—	—	—	
Ballylumford ...	99	24		9.8	5.8	7.8	—	14.3	20	1.6	23	—	—	24	—	7	18	11	6	0	—	0	0	0	—	0	7	—	—	—	—	—	
Down																																	
Hillsborough §	99	116		8.9	4.6	6.7	+1.9	13.9	20	-1.4	3	7.0	8.4	12	13	4	18	11	4	0	0	0	0	0	4	11	—	3	1.14	95	—	—	
Kilkeel ...	21-9	18		9.5	5.9	7.7	+1.6	12.4	16	-1.0	23	—	—	32	—	9	1	9	7	0	0	0	0	0	2	3	3	1	1.10	—	—	—	
Rosetta ...	99	24		9.6	4.5	7.1	—	15.6	20	-2.2	3	—	—	11	—	5	14	6	3	—	—	—	—	—	2	—	—	—	—	—	—	—	
Murlough ...	99	9		10.2	4.7	7.5	—	15.4	20	-3.2	23	6.6	7.7	32	—	16	18	13	6	0	0	0	0	0	3	8	—	0	1.45	—	—	—	
Belfast Rosebank ...	99	47		9.7	5.4	7.5	—	14.0	20	-1.7	3	—	—	12	—	5	14	7	4	—	0	—	—	—	1	—	—	—	—	—	—	—	
Stormont Castle ...	99	56		9.6	5.1	7.3	—	14.6	20	-1.2	3	6.3	7.8	14	14	4	18	11	4	0	0	0	0	0	2	1	11	—	0	1.43	—	—	
Downpatrick ...	99	26		10.3	5.1	7.7	—	14.9	20	-2.2	3	—	—	15	—	6	18	5	4	0	—	0	0	0	1	1	8	—	0	—	—	—	
Creightons Green ...	99	119		8.9	4.9	6.9	—	13.8	20	-0.1	3	—	—	19	—	5	18	11	7	0	0	0	0	0	1	12	—	0	—	—	—	—	
Reagh Island ¹⁰ ...	99	12		9.6	5.4	7.5	—	14.4	20	0.6	3	—	—	9	—	3	3	4	3	0	—	0	0	0	0	0	—	1	1.14	—	—	—	
Helens Bay ...	99	43		9.4	5.6	7.5	—	14.5	20	1.1	1	—	—	13	—	3	18	8	6	0	0	0	0	0	0	12	—	3	1.65	—	—	—	
Killough ...	21-9	15		9.4	6.6	8.0	—	14.0	21	0.2	3	—	—	21	—	7	18	12	7	0	0	0	0	0	0	7	3	4	—	—	—	—	
Ballywalter Park ...	—	—		—	—	—	—	—	—	—	—	—	—	13	14	5	3	8	4	—	—	—	—	—	—	—	—	—	0.53	—	—	—	
Armagh																																	
Armagh ... ¶ §	99	62		9.1	4.2	6.7	+1.6	14.3	20	-2.0	3	7.3	8.8	17	22	5	18	11	5	0	0	1	0	0	1	6	11	—	1	0.85	76	—	—
Loughgall ...	99	25		9.5	4.1	6.8	—	14.7	20	-2.3	3	—	—	14	19	4	18	11	4	0	0	0	0	0	1	6	13	—	2	1.12	—	—	—
Tandragee ...	99	43		9.6	3.7	6.7	—	12.7	15	-3.6	3	—	—	17	—	5	18	12	6	—	—	—	—	—	6	—	—	—	—	—	—	—	
Bessbrook ...	—	—		—	—	—	—	—	—	—	—	—	—	41	39	13	18	16	8	—	—	—	—	—	—	—	—	—	1.07	78	—	—	—
Portadown ...	99	16		9.5	4.3	6.9	—	14.9	20	-3.4	29	7.3	8.7	17	—	4	14	11	6	0	—	0	0	0	—	7	11	—	—	—	—	—	
Lurgan ...	99	55		9.2	4.4	6.8	—	14.6	20	-2.0	3	6.7	8.5	15	—	5	18	9	5	—	—	—	—	—	6	11	—	—	1.18	—	—	—	
Tyrone																																	
Lough Bradan ...	99	169		8.5	3.3	5.9	—	13.0	20	-3.5	30	—	—	63	—	10	19	14	11	—	0	—	—	—	1	5	11	—	—	0.83	—	S	—
Baronscourt Forest	99	88		9.2	4.0	6.6	—	14.0	20	-4.0	30	—	—	54	—	12	19	15	10	0	0	0	0	0	0	5	10	—	—	—	—	—	
Strabane Convent	99	44		9.7	4.4	7.1	—	14.5	20	-4.5	30	—	—	53	—	9	3	11	11	0	0	0	0	2	0	5	12	—	2	0.83	—	—	—
Carrigans ...	21-9	113		8.8	4.5	6.7	—	13.6	20	-2.6	3	—	—	51	—	13	19	16	10	0	0	0	0	0	1	7	9	9	0	—	—	—	—
Lislap Forest ...	99	209		8.3	3.4	5.9	—	12.5	20	-2.5	30	6.5	—	48	35	12	19	15	11	0	0	0	0	0	0	5	9	—	—	—	—	—	
Knockmany Forest	99	73		9.5	2.7	6.1	—	14.0	20	-4.3	29	—	—	32	31	10	18	14	8	0	0	0	0	0	1	8	15	—	—	—	—	—	
Pomeroy Forest ...	99	165		8.3	3.7	6.0	—	11.3	15	-1.5	29	6.8	—	31	—	12	18	15	7	0	0	0	0	0	1	3	11	—	0	—	—	—	
Cookstown ...	99	77		9.1	4.1	6.6	—	12.4	15	-1.9	3	6.8	—	26	26	6	19	14	6	0	—	0	0	0	0	7	11	—	—	1.07	—	—	—
Fermanagh																																	
Roscor ...	99	143		8.9	4.4	6.7	—	13.7	20	-2.7	30	—	—	47	38	11	1	16	10	0	0	0	0	0	1	4	10	—	0	—	—	—	
Lough Navar Forest	99	148		8.9	3.2	6.1	—	13.2	20	-3.5	29	—	—	41	—	9	18	17	8	0	0	0	0	0	0	6	10	—	2	—	—	—	
Castle Archdale ...	—	—		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Forest ... ¶ §	99	66		9.4	3.8	6.6	+1.5	14.1	20	-3.3	29	7.0	7.8	28	26	8	1	12	7	2	0	0	0	0	0	8	10	—	0	0.96	71	—	—
Lisnaskea ...	99	49		9.7	3.6	6.7	—	13.9	20	-3.9	29	—	—	34	—																		

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

DECEMBER, 1971

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 (m.b)	difference from 1931-50 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)					
																																						22-33	11-21	1-10	0		
																																						number of observations					
0 SCOTLAND N																																											
Lerwick [Zetland] 11																																											
83	3	1011.7	—	6.2	1.0	8.3	86	6.7	0	0	7	10	14	0	0	0	0	0	0	0	8	6	13	4	3	11	7	8	2	4	0	0	1	3	10	11	0						
	9	1013.2	+7.5	5.8	—	—	—	6.5	0	1	5	17	8	0	0	0	0	1	1	4	9	14	2	2	0	11	9	7	4	3	0	0	1	4	4	14	1						
	15	1012.8	—	5.8	1.0	8.1	86	6.9	0	0	5	11	15	0	0	0	0	0	0	13	4	10	2	1	10	12	7	7	1	4	1	0	9	5	8	2							
	21	1013.0	—	6.1	1.1	8.2	85	6.4	0	3	5	8	15	0	0	0	0	2	0	10	5	9	5	1	15	7	7	1	3	0	1	1	0	5	9	8	3						
Kirkwall [Orkney]																																											
26	3	1014.4	—	6.8	0.8	8.8	87	6.4	0	4	3	12	12	0	0	0	0	0	0	3	10	17	1	7	8	9	5	2	4	0	0	2	6	6	11	0							
	9	1015.4	+9.3	6.6	0.9	8.6	87	6.7	0	1	5	11	14	0	0	0	0	0	5	8	16	2	3	10	9	6	3	2	2	1	0	4	8	3	10	0							
	15	1014.7	—	6.9	1.0	8.7	86	6.5	0	2	5	13	11	0	0	0	0	0	1	7	20	3	0	10	15	5	1	2	1	0	2	10	7	8	0								
	21	1015.2	—	7.0	1.0	8.7	86	6.1	0	4	6	12	9	0	0	0	0	0	2	7	17	5	1	12	13	3	2	4	0	2	0	9	10	4	0								
Wick [Caithness]																																											
37	3	1015.2	—	6.5	1.0	8.4	85	5.0	1	8	5	10	7	0	0	0	0	0	1	5	15	10	0	3	16	11	1	2	1	0	3	5	10	8	1								
	9	1015.8	+9.1	6.7	1.1	8.3	83	6.3	0	1	5	22	3	0	0	0	0	0	1	7	14	9	0	6	15	10	0	3	2	1	1	3	8	6	9	1							
	15	1015.2	—	7.0	1.1	8.6	84	5.8	0	4	6	17	4	0	0	0	0	0	2	3	14	12	0	3	22	6	0	2	0	1	2	9	7	8	2								
	21	1016.0	—	6.6	1.2	8.3	84	5.5	0	5	7	14	5	0	0	0	0	0	1	3	17	10	0	3	22	5	1	2	1	1	1	6	9	9	1								
Cape Wrath* [Sutherland]																																											
113	3	1013.3	—	7.4	1.1	8.9	85	5.8	0	3	11	6	9	2	0	0	0	2	0	3	2	7	17	5	10	4	11	1	1	3	1	2	3	18	1	1							
	9	1013.8	—	7.2	0.9	8.8	86	7.0	0	0	2	16	11	2	0	0	2	0	1	7	8	12	4	10	5	11	1	0	3	3	2	3	16	1	2								
	15	1013.4	—	7.7	1.0	9.1	84	6.3	0	2	5	14	9	1	0	0	0	1	0	4	2	11	13	4	9	9	8	1	0	3	1	2	3	18	2								
	21	1013.7	—	7.5	1.1	8.9	83	6.4	0	2	5	11	13	0	0	0	0	0	1	4	8	18	2	14	4	10	1	0	3	1	2	3	18	1	2								
Stornoway [Ross & Cromarty]																																											
5	3	1015.3	—	7.4	0.8	9.2	88	5.5	1	7	6	3	14	0	0	0	0	0	7	13	11	0	1	9	14	4	3	1	2	1	0	5	12	5	2								
	9	1015.5	+9.5	7.1	0.7	9.2	90	6.8	0	2	4	7	18	0	0	0	0	4	8	10	5	4	0	15	7	7	2	2	1	0	2	7	9	5	3								
	15	1015.2	—	8.1	1.0	9.6	87	6.2	0	3	3	14	11	0	0	0	0	1	8	10	8	4	2	10	14	5	0	1	2	3	0	9	8	0									
	21	1015.8	—	7.3	0.9	9.1	87	5.7	0	7	3	9	12	0	0	0	0	0	7	13	9	2	3	9	12	5	2	2	2	2	0	4	12	6	1								
Benbecula [Inverness-shire]																																											
7	3	1016.0	—	7.6	0.7	9.5	90	6.2	0	5	4	6	16	0	0	0	0	3	7	5	10	6	0	10	12	7	2	3	1	1	2	5	8	8	1								
	9	1016.2	+9.9	7.8	0.8	9.6	89	6.9	0	1	4	8	18	0	0	0	0	2	10	5	8	6	0	12	12	6	1	4	1	2	0	6	10	7	0								
	15	1015.9	—	8.2	0.7	10.0	90	6.4	0	2	7	8	14	0	0	0	0	1	0	8	9	6	7	0	11	12	6	2	2	1	2	1	5	8	8	2							
	21	1016.5	—	7.7	0.8	9.5	89	6.1	1	2	7	8	13	0	0	0	0	2	8	8	6	7	1	11	12	5	2	2	1	3	0	6	13	4	0								
1 SCOTLAND E																																											
Kinloss [Moray]																																											
6	3	1016.6	—	7.5	1.5	8.3	79	4.5	1	8	8	12	2	0	0	0	0	0	0	8	18	4	1	7	10	12	1	2	0	1	2	7	12	4	2								
	9	1017.1	+9.7	7.3	1.5	8.3	80	6.4	0	0	3	26	2	0	0	0	0	0	0	8	15	8	0	8	12	10	1	2	2	1	2	6	12	5	0								
	15	1016.6	—	8.2	1.6	8.6	79	6.1	0	3	5	19	4	0	0	0	0	0	1	1	4	14	11	0	7	17	5	2	2	0	1	0	4	16	5	1							
	21	1017.4	—	7.4	1.5	8.4	80	5.6	0	5	5	16	5	0	0	0	0	0	1	2	4	16	8	2	4	15	8	2	3	0	1	2	6	13	3	1							
Dyce [Aberdeenshire]																																											
59	3	1017.6	—	6.0	1.3	7.8	82	4.5	7	3	4	11	6	0	0	0	0	2	2	7	5	15	0	3	16	9	3	3	0	1	0	5	9	8	2								
	9	1018.3	+9.8	5.8	1.3	7.6	81	5.9	0	4	3	22	2	0	0	0	0	2	2	8	5	14	0	2	15	11	3	4	1	1	0	9	6	7	0								
	15	1017.8	—	7.2	1.4	8.2	80	6.2	0	2	5	20	4	0	0	0	0	2	6	12	5	6	0	3	16	10	2	4	0	1	0	6	12	5	1								
	21	1018.4	—	6.4	1.2	8.1	83	4.9	3	8	2	12	6	0	0	0	0	1	1	4	9	10	6	0	1	19	10	1	4	2	1	0	7	8	6	2							
Fraserburgh [Aberdeenshire]																																											
22	3	1016.7	—	7.5	1.0	9.1	87	4.8	0	10	6	8	7	0	0	0	0	0	6	12	13	0	0	6	16	9	0	3	1	2	0	9	4	12	0								
	9	1017.4	+9.9	7.2	1.0	8.9	86	6.1	0	2	7	16	6	0	0	0	0	0	3	12	16	0	1	4	16	10	0	1	2	3	0	10	6	9	0								
	15	1017.0	—	7.9	1.0	9.3	86	6.0	0	1	9	16	5	0	0	0	0	0	3	13	15	0	0	5	20	5	1	3	0	2	0	9	6	8	2								
	21	1017.6	—	7.8	0.9	9.3	87	4.5	1	7	10	9	4	0	0	0	0	0	3	14	14	0	0	3	19	9	0	3	0	3	0	8	7	7	3								
Usan [Angus]																																											
35	9	1019.5	—	6.8	0.9	8.7	87	5.7	0	4	7	17	3	0	0	0	0	0	3	4	14	10	0	5	17	8	1	5	0	1	0	4	10	9	1								
	15	1019.3	—	7.8	0.9	9.2	87	5.7	0	3	7	15	6	0	0	0	0	0	2	7	11	11	0	3	21	6	1	2	1	3	0	4	10	9	1								
	21	1019.3	—	7.4	0.8	9.3	89	4.4	2	8	7	10	4	0	0	0	0	0	0	5	14	12	1	2	17	11	0	5	0	3	0	3	13	7	0								
Leuchars [Fife]																																											
12	3	1019.0	—	6.7	1.0	8.5	85	4.8	3	6	7	7	8	0	0	0	2	1	0	2	5	18	3	0	4	18	7	2	2	1	1	1	17	5	1								
	9	1019.7	+10.6	6.9	1.2	8.3	83	6.0	0	2	7	20	2	0	0	0	1	1	1	1	13	9	5	0	3	22	6	0	3	1	2	0	3	16	6	0							
	15	1019.0	—	8.2	1.4	8.9	81	6.3	0	2	5	21	3	0	0	0	0	0	2	3	8	14	4	0	3	24	3	1	1	4	0	1	2	16	5	1							
	21	1019.7	—	7.3	1.1	8.7	84	5.1	1	4	9	14	3	0	0	0	0	0	1	3	11	14	2	0	6	15	8	2	2	0	2	0	2	17	5	1							
Turnhouse [Midlothian]																																											
44	3	1020.0	—	7.2	1.0	8.9	85	5.8	0	5	5	13	8	0	0	1	0	0	3	17	10	0	0	2	18	8	3	2	0	3	0	8	14	1	0								
	9	1020.5	+10.9	7.1	1.0	8.8	86	6.5	0	1	5	19	6	0	0	0	0	0	1	3	20	6	1	0	2	18	10	1	1	4	1	0	6	16	2	0							
	15	1020.0	—	8.4	1.4	9.0	80	6.3	0	2	4	21	4	0	0	0	0	2	1	2	20	4	2	0	4	23	3	1	1	2	2	0	4	19	1	1							
	21	1020.6	—	7.8	1.2	9.0	84	5.3	0	5	7	17	2	0	0	0	0	1	0	2	22	6	0	0	2	21	7	1	1	2	2	0	7	17	1	0							
6a SCOTLAND W																																											
Tiree [Argyll]																																											
10	3	1018.0	—	8.1	1.0	9.5	85	5.6	0	7	5	7	12	0	0	0																											

Table 4 Summary of observations at fixed hours

DECEMBER, 1971

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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	speed (kt)																		
																									34 or more	22-33	11-21	1-10	0														
number of observations																																											
6a SCOTLAND W -continued																																											
Prestwick [Ayrshire]																																											
21	3	1020.9	—	7.4	0.9	9.1	87	5.7	1	6	3	12	9	0	0	0	0	0	0	0	5	18	8	0	0	2	15	13	1	1	2	2	2	4	11	8	0						
	9	1021.3	+11.4	7.0	1.0	8.8	86	6.4	0	3	4	14	10	0	0	0	0	0	0	0	8	18	4	1	0	1	15	12	3	2	0	2	0	9	6	9	0						
	15	1020.9	—	8.3	1.4	9.0	81	6.1	0	5	2	18	6	0	0	0	0	0	0	1	8	14	6	2	0	1	22	8	0	1	3	2	0	2	14	8	1						
	21	1021.7	—	7.4	1.1	8.9	85	5.8	1	4	5	12	9	0	0	0	0	0	0	1	6	14	9	1	0	3	15	10	3	0	2	2	1	4	14	5	0						
Eskdalemuir [Dumfriesshire]																																											
237	3	1021.6	—	5.6	0.8	8.3	90	6.5	0	3	6	3	18	1	0	0	1	3	0	3	6	17	1	0	0	6	10	10	5	3	1	0	0	8	8	6	0						
	9	1021.9	+11.4	5.2	0.7	8.1	90	7.1	0	2	1	9	19	0	0	0	1	2	1	5	10	4	8	0	1	5	12	13	0	6	0	0	1	10	9	4	1						
	15	1021.6	—	6.3	0.9	8.5	87	6.9	0	1	4	12	14	0	0	0	1	2	3	10	9	6	0	0	5	17	8	1	5	1	0	0	7	13	3	1							
	21	1022.4	—	5.8	0.8	8.3	89	6.9	0	2	3	8	18	0	0	0	1	1	4	11	10	3	0	0	2	17	8	4	3	2	0	0	9	9	3	1							
Mull of Galloway [Wigtownshire]																																											
79	3	1021.2	—	8.1	1.0	9.4	85	5.5	4	4	4	5	14	0	0	0	0	0	0	0	9	21	1	4	9	12	6	0	1	2	3	0	6	12	6	1							
	9	1021.9	—	8.0	1.2	9.1	83	6.7	0	2	3	12	14	0	0	0	0	0	0	1	9	14	7	5	11	12	3	0	2	2	2	1	6	14	4	0							
	15	1021.2	—	8.5	1.6	8.8	78	6.2	0	2	7	14	8	0	0	0	0	0	0	1	12	15	3	5	12	9	5	0	2	3	2	0	8	9	6	1							
	21	1021.9	—	8.1	1.0	9.3	84	5.7	2	3	7	4	15	0	0	0	0	0	0	1	7	17	6	8	8	9	6	0	1	1	4	1	11	8	5	0							
6b ISLE OF MAN																																											
Ronaldsway																																											
21	3	1022.8	—	8.3	1.2	9.2	83	5.9	1	5	3	11	11	0	0	0	0	0	1	2	15	8	5	0	4	17	9	1	3	3	1	0	7	7	7	2							
	9	1023.1	+11.8	8.4	1.4	9.1	82	6.5	0	2	2	21	6	0	0	0	0	0	0	7	14	4	6	0	4	19	7	1	2	4	1	1	5	10	7	0							
	15	1022.8	—	9.0	1.6	9.1	78	6.3	0	2	4	18	7	0	0	0	0	0	0	2	16	8	5	0	2	21	8	0	0	6	1	0	6	11	7	0							
	21	1023.6	—	8.4	1.4	9.1	81	6.2	0	3	8	7	13	0	0	0	0	0	0	4	17	7	3	0	4	17	9	1	4	3	2	0	7	10	4	0							
Point of Ayre																																											
9	3	1022.3	—	8.4	0.9	9.9	88	5.3	2	5	6	6	12	0	0	0	0	0	0	1	6	15	9	0	3	21	7	0	1	2	2	2	6	12	6	0							
	9	1022.5	—	8.1	0.9	9.6	88	5.8	0	2	9	14	6	0	0	0	0	0	0	2	8	15	6	0	6	17	8	0	0	4	1	2	10	8	5	1							
	15	1022.2	—	9.0	1.3	9.6	83	6.1	0	1	8	15	7	0	0	0	0	0	0	2	8	14	7	0	10	16	4	1	0	6	0	2	4	11	6	1							
	21	1022.9	—	8.5	1.1	9.5	85	4.7	2	6	8	6	9	0	0	0	0	0	0	2	6	10	13	0	8	14	9	0	1	4	1	2	8	9	6	0							
2 ENGLAND NE																																											
Acklington [Northumberland]																																											
46	3	1020.7	—	6.7	0.9	8.6	87	4.8	3	6	5	8	9	0	0	0	0	0	2	3	4	6	9	7	1	2	10	18	0	3	1	1	0	3	7	15	1						
	9	1021.4	+11.2	6.7	1.1	8.3	84	6.2	0	4	3	15	9	0	0	0	1	0	0	2	7	11	6	4	0	1	14	16	0	2	2	1	0	4	11	10	1						
	15	1021.0	—	8.0	1.4	8.7	81	6.0	0	2	6	20	3	0	0	0	0	0	0	3	4	18	3	3	0	4	14	13	0	1	4	1	0	2	10	13	0						
	21	1021.3	—	7.2	1.2	8.5	83	5.0	2	6	4	11	8	0	0	0	0	0	0	4	3	12	11	1	0	4	13	14	0	3	1	3	0	4	6	14	0						
Tynemouth [Northumberland]																																											
40	3	1021.5	—	8.0	1.3	8.8	82	4.2	6	3	12	4	6	0	0	0	1	0	0	5	12	13	0	0	5	15	11	0	2	2	1	0	4	5	17	0							
	9	1022.2	+11.4	7.5	1.4	8.5	81	6.0	1	2	5	14	8	1	0	1	0	1	3	11	10	5	0	0	5	9	17	0	2	1	2	0	2	11	12	1							
	15	1021.6	—	8.5	1.6	8.8	78	6.5	0	2	2	21	6	0	0	0	1	0	7	8	13	2	0	0	7	10	14	0	0	3	2	0	6	7	12	1							
	21	1022.3	—	8.2	1.5	8.7	79	5.0	1	6	11	5	8	0	0	0	1	0	1	8	13	8	0	0	5	20	5	1	0	2	4	0	5	8	11	0							
Seahouses [Northumberland]																																											
12	3	1020.1	—	7.8	1.6	8.3	78	4.4	3	8	6	9	5	0	0	0	0	0	0	8	9	14	0	2	8	7	13	1	4	1	1	0	3	5	16	0							
	9	1020.9	—	7.6	1.6	8.2	78	5.8	0	2	11	3	5	0	1	0	0	0	1	4	11	12	2	0	10	9	11	1	1	4	1	0	6	3	14	1							
	15	1020.5	—	8.6	1.7	8.7	77	6.1	0	3	4	20	4	0	0	0	0	0	1	7	4	9	10	0	5	16	10	0	1	2	2	0	6	5	15	0							
	21	1020.8	—	8.2	1.6	8.6	79	5.1	3	10	7	2	9	0	0	0	0	0	5	9	15	2	0	8	14	9	0	0	3	2	0	3	4	4	19	0							
Leeming [Yorkshire N.R.]																																											
33	3	1022.7	—	6.8	1.1	8.5	85	5.1	3	6	4	9	8	1	0	1	0	2	2	3	3	4	11	5	0	3	11	14	3	1	1	1	0	7	7	8	3						
	9	1023.3	+11.4	6.5	1.2	8.2	84	6.5	0	1	5	16	7	2	0	2	0	0	1	4	5	6	7	6	0	0	12	15	4	4	1	1	1	6	5	7	2						
	15	1022.8	—	7.9	1.5	8.6	80	6.2	0	3	3	17	8	0	0	1	1	0	2	1	5	9	7	5	0	1	14	16	0	1	4	2	1	8	8	7	0						
	21	1023.5	—	6.9	1.1	8.4	83	6.6	0	2	4	11	10	4	0	4	0	0	2	1	2	12	8	2	0	3	11	15	2	3	2	2	0	10	8	3	1						
Whitby Coastguard [Yorkshire N.R.]																																											
66	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
	15	1022.1	—	7.8	1.2	8.9	84	5.6	0	2	11	12	6	0	0	0	0	0	1	11	10	6	3	0	4	15	10	2	1	4	0	1	4	14	5	0							
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—							
Kilnsea [Yorkshire E.R.]																																											
16	3	1023.3	—	6.2	0.7	8.5	89	4.4	5	4	11	0	10	1	0	1	0	0	3	2	5	20	0	0	1	6	18	6	0	2	1	3	1	3	10	9	2						
	9	1023.7	+11.4	6.3	0.7	8.6	90	6.4	0	0	12	5	11	3	0	2	1	0	1	3	8	16	0	0	2	4	17	7	1	1	2	3	1	3	9	10	1						
	15	1023.3	—	7.3	0.9	8.9	87	5.8	1	1	11	11	6	1	1	0	0	0	3	5	12	10	0	0	1	6	16	7	1	1	2	3	0	2	8	12	2						
	21	1024.1	—	6.5	0.7	8.8	90	5.8	6	1	3	3	16	2	0	2	0	0	1	3	10	15	0	0	1	7	16	6	1	0	2	4	1	3	9	11	0						
Waddington [Lincolnshire]																																											
69	3	1023.8	—	5.8	0.6	8.4	90	5.0	4	5	5	9	6	2	0	3	0	1	2	3	8	10	4	0	0	1	15	14	1	1	3	0	3	2	10	6	5						
	9	1024.4	+11.5	5.6	0.6	8.4	91	6.5	0	4	1	18	5	3	0	3	1	2	0	4	7	11	3	0	0	0	17	14	0	1	2	2	2	3	12	7	3						
	15	1023.8	—	7.0	0.9	8.8	87	6.5	1	1	5	11	10	3	0	3	0	1	3	3	6																						

Table 4 Summary of observations at fixed hours

DECEMBER, 1971

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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						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	speed (kt)												
																									34 or more	22-33	11-21	1-10									0
number of observations																																					
3 ENGLAND E - continued																																					
Wattisham [Suffolk]																																					
91	3	1025.0	—	5.5	0.5	8.5	93	6.0	2	4	4	4	14	3	0	1	2	1	5	6	10	5	1	0	0	0	14	17	0	3	3	2	4	7	9	1	
	9	1025.7	—	5.1	0.4	8.3	94	6.5	2	2	1	13	11	2	0	4	0	1	3	7	10	5	1	0	0	12	18	1	6	1	1	1	5	9	5	2	
	15	1024.9	—	6.7	0.7	9.0	90	6.3	0	4	3	15	7	2	0	2	0	0	1	8	12	6	2	0	0	14	16	1	5	1	3	1	4	5	10	1	
	21	1025.9	—	5.8	0.6	8.4	91	6.6	1	2	4	7	14	3	0	3	0	1	3	5	11	7	1	0	0	13	18	0	2	4	2	0	6	8	7	4	
Aldeburgh [Suffolk]																																					
9	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Wyton [Huntingdonshire]																																					
43	3	1024.8	—	6.1	0.7	8.6	91	5.8	5	1	5	1	17	2	0	1	1	2	3	3	8	9	4	0	0	0	6	22	3	2	2	0	2	4	11	4	3
	9	1025.5	—	5.7	0.6	8.4	91	6.8	0	1	5	11	13	1	0	2	1	2	2	5	10	7	2	0	0	0	8	20	3	4	2	1	1	7	7	5	1
	15	1024.7	—	7.4	1.0	9.0	87	6.6	0	2	3	14	8	4	0	4	0	1	2	3	8	10	3	0	0	0	11	16	4	2	3	0	2	3	10	7	0
	21	1025.6	—	6.5	0.7	8.8	89	5.9	1	5	4	3	16	2	0	2	0	2	3	4	8	10	2	0	0	0	9	21	1	3	3	0	0	8	14	2	0
Cardington [Bedfordshire]																																					
29	3	1025.2	—	6.0	0.5	8.7	93	6.0	5	2	0	7	17	0	0	0	4	2	6	8	10	1	0	0	0	9	21	1	3	4	0	2	3	15	2	1	
	9	1025.7	+11.7	5.6	0.4	8.6	94	6.6	1	2	2	12	13	1	0	1	1	5	2	11	9	1	0	0	1	6	24	0	4	3	0	4	4	13	3	0	
	15	1024.9	—	7.6	0.9	9.2	88	6.6	0	2	3	14	11	1	0	1	1	1	2	4	10	10	2	0	0	1	11	19	0	2	3	1	1	3	12	9	0
	21	1026.0	—	6.6	0.6	9.0	92	6.5	3	1	2	5	20	0	0	0	1	0	5	7	11	4	3	0	0	0	10	20	1	3	3	0	2	5	14	2	1
Stansted [Essex]																																					
102	3	1024.9	—	6.1	0.3	9.2	95	6.4	2	2	3	7	15	2	0	0	4	1	3	5	5	10	3	0	0	0	9	21	1	5	1	1	1	2	7	12	1
	9	1025.5	+11.0	5.6	0.3	8.9	96	6.7	0	1	4	13	10	3	0	1	3	2	2	4	8	9	2	0	0	0	9	21	1	5	4	1	2	2	9	6	1
	15	1024.7	—	7.2	0.6	9.5	92	6.7	0	1	4	15	9	2	0	2	0	0	1	9	8	9	2	0	0	0	11	19	1	4	3	1	1	4	6	9	2
	21	1025.8	—	6.3	0.4	9.2	95	6.4	0	5	2	8	14	2	0	0	2	0	3	3	14	8	1	0	0	0	9	20	2	3	2	2	0	4	8	8	2
Shoeburyness [Essex]																																					
5	9	1025.7	+11.1	6.6	0.7	8.9	90	6.2	2	2	4	12	11	0	0	0	1	1	5	17	6	0	0	0	0	1	10	18	2	6	1	1	1	3	11	4	2
	15	1024.9	—	8.2	1.1	9.3	85	6.2	0	4	3	16	8	0	0	0	0	1	2	4	13	8	3	0	0	1	12	16	2	4	3	1	1	3	12	3	2
	21	1025.9	—	7.0	0.8	8.9	88	6.6	0	3	5	3	18	2	0	2	0	0	3	4	16	4	2	0	0	3	7	21	0	3	2	2	1	4	9	6	4
Walton-on-Naze [Essex]																																					
8	3	1025.2	—	6.5	0.8	8.6	88	6.6	4	0	2	3	20	2	0	0	2	0	2	2	15	10	0	0	0	2	5	20	4	2	3	1	0	2	9	8	2
	9	1025.7	—	6.3	0.7	8.6	89	6.2	0	4	7	6	14	0	0	0	0	1	2	3	16	9	0	0	0	3	7	19	2	3	1	3	0	2	7	8	5
	15	1025.1	—	7.7	1.1	8.9	84	6.3	1	2	7	5	15	1	0	1	0	0	3	2	18	7	0	0	0	2	7	18	4	3	1	3	1	3	5	8	3
	21	1026.1	—	6.6	0.8	8.7	88	6.1	4	2	1	5	17	2	0	1	0	0	6	0	20	4	0	0	0	3	2	22	4	2	0	4	0	1	9	5	6
4 MIDLAND COUNTIES																																					
Huddersfield Oaks [Yorkshire W.R.]																																					
235	3	1023.4	—	5.2	0.6	8.1	90	6.4	2	0	4	11	14	0	3	0	0	2	0	2	4	15	5	0	1	2	13	14	1	4	2	0	0	1	5	18	0
	9	1023.9	+11.6	5.5	0.6	8.1	90	5.7	0	5	6	10	9	1	2	0	1	0	3	0	7	15	3	0	0	3	9	15	4	2	3	0	1	1	8	12	0
	15	1023.7	—	6.6	1.0	8.5	86	6.4	0	1	9	6	14	1	0	0	0	2	2	7	15	4	0	0	2	12	16	1	1	3	2	0	1	10	13	0	
	21	1024.5	—	5.8	0.7	8.4	89	6.3	0	1	5	14	11	0	0	0	2	1	0	0	8	13	7	0	1	1	14	12	3	1	5	0	0	7	13	2	
Watnall [Nottinghamshire]																																					
119	3	1024.3	—	5.7	0.6	8.4	91	5.8	2	6	1	10	11	1	1	0	0	2	5	2	15	6	0	0	0	0	9	18	4	3	3	0	1	4	10	5	1
	9	1024.8	+11.5	5.7	0.7	8.4	91	6.7	0	2	5	11	10	3	1	2	1	2	4	5	12	4	0	0	0	0	10	18	3	2	5	0	1	4	10	6	0
	15	1024.3	—	7.0	0.9	8.9	88	6.6	0	1	5	12	10	3	0	2	1	0	6	4	14	4	0	0	0	1	10	16	4	3	3	0	0	5	9	6	1
	21	1025.1	—	6.3	0.7	8.7	90	6.2	2	3	3	8	14	1	0	0	1	1	7	4	16	2	0	0	0	0	12	17	2	2	4	1	1	3	13	4	1
Finningley [Nottinghamshire]																																					
14	3	1023.6	—	6.3	0.9	8.4	88	5.1	5	3	6	3	12	2	0	2	1	1	3	6	10	3	4	0	0	0	7	22	2	5	1	0	1	6	8	6	2
	9	1024.1	+11.7	6.2	0.8	8.5	89	6.5	0	4	2	15	8	2	0	3	2	1	2	3	12	8	0	0	0	0	9	21	5	4	1	2	2	4	9	5	3
	15	1023.6	—	7.8	1.2	8.9	84	6.5	1	2	2	15	9	2	0	1	0	1	5	4	15	5	0	0	0	0	12	19	0	2	2	2	0	5	12	5	3
	21	1024.5	—	6.7	0.9	8.7	88	6.6	2	5	5	7	11	1	0	1	0	0	5	3	10	8	4	0	0	0	6	25	0	2	2	3	1	4	10	5	4
Wittering [Northamptonshire]																																					
67	3	1024.4	—	5.9	0.7	8.4	90	5.4	6	3	1	8	11	2	0	2	3	5	9	8	2	0	0	0	0	15	15	1	3	2	1	2	3	6	9	4	
	9	1025.0	+11.6	5.5	0.6	8.3	91	6.5	0	2	6	12	10	1	0	2	0	1	5	2	10	10	1	0	0	0	10	20	1	4	2	2	1	3	12	5	1
	15	1024.3	—	7.1	1.0	8.8	86	6.0	0	6	2	12	9	2	0	2	0	2	4	5	15	1	0	0	0	0	14	17	0	3	3	2	1	3	7	11	1
	21	1025.2	—	6.1	0.7	8.6	90	6.0	2	2	5	11	10	1	0	1	0	3	3	5	10	9	0	0	0	0	13	17	1	3	3	1	1	4	12	5	1
Edgbaston [Warwickshire]																																					
165	9	1024.9	+11.3	6.2	0.8	8.5	89	7.2	0	1	1	13	13	3	0	2	1	2	2	3	13	8	0	0	0	1	6	20	4	3	3	1	2	9	5	3	1
	15	1024.4	—	7.4	1.2	8.6	83	6.8	0	2	2	16	9	2	0	0	2	0	3	18	7	1	0	0	0	1	12	16	2	1	4	0	2	3	9	8	2
	21	1025.4	—	6.5	0.8	8.7	89	6.5	0	4	1	14	10	2	0	1	2	3	2	11	9	3	0	0	0	1	10	19	2	1	4	1	0	7	9	6	1
Elmdon [Warwickshire]																																					
100	3	1024.8	—	5.8	0.8	8.3	89	6.5	1	3	2	9	15	1	0	1</																					

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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)	dew point 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																																									
Heathrow [Greater London]																																									
26	3	1025.4	—	6.8	0.8	8.8	88	6.7	2	1	2	11	15	0	0	0	1	0	2	10	4	10	4	0	0	0	8	22	1	3	3	1	2	3	9	7	2				
	9	1025.9	+11.4	6.5	0.8	8.7	88	6.5	0	4	2	12	12	1	0	1	0	1	1	6	9	11	2	0	0	0	1	8	20	2	5	2	2	1	10	5	4	0			
	15	1025.0	—	8.3	1.3	9.2	82	6.1	1	3	2	18	7	0	0	0	0	1	0	6	9	13	2	0	0	0	7	24	0	3	3	1	3	4	11	5	1				
	21	1026.1	—	7.2	0.9	9.0	87	6.8	0	1	4	11	14	1	0	1	1	0	2	3	15	5	4	0	0	0	6	23	2	3	3	1	2	8	5	6	1				
Kew [Greater London]																																									
10	3	1025.4	—	6.8	1.0	8.7	87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—					
	9	1026.0	+11.4	6.5	1.0	8.5	87	6.4	0	5	1	9	15	1	0	0	2	0	1	6	8	9	5	0	0	0	3	24	4	3	5	1	1	5	9	3	0				
	15	1025.2	—	8.3	1.6	8.9	81	6.3	0	3	4	17	7	0	0	0	0	0	1	3	14	10	3	0	0	0	6	22	3	2	3	1	2	4	11	4	1				
	21	1026.3	—	7.2	1.1	8.8	86	6.8	0	1	4	9	16	1	1	2	0	0	2	3	12	9	2	0	0	0	5	23	3	1	5	2	1	4	11	3	1				
Gatwick [Surrey]																																									
59	3	1025.8	—	5.9	0.5	8.7	92	6.5	2	3	2	6	18	0	0	1	0	2	1	9	10	7	1	0	0	0	8	19	4	3	3	0	1	3	11	4	2				
	9	1026.3	—	6.0	0.6	8.7	92	6.5	0	3	3	13	12	0	0	0	1	1	2	9	11	7	0	0	0	1	5	21	4	4	2	1	2	4	10	2	2				
	15	1025.4	—	7.7	1.0	9.3	87	6.5	0	3	3	15	9	1	0	0	0	1	3	5	14	6	2	0	0	0	11	19	1	2	4	1	2	3	10	4	4				
	21	1026.5	—	6.2	0.5	8.9	92	6.8	1	1	3	10	14	2	1	1	1	1	2	6	14	4	1	0	0	0	6	22	3	2	4	2	2	4	8	5	1				
Dungeness [Kent]																																									
7	3	1025.8	—	6.5	0.5	9.1	92	6.3	2	3	4	4	15	3	1	0	0	2	2	1	11	9	2	3	0	4	15	11	1	3	1	3	2	5	3	9	4				
	9	1026.2	—	6.5	0.4	9.1	93	6.3	0	5	2	10	13	1	0	2	0	0	0	2	10	13	4	0	1	2	14	12	2	2	1	3	2	5	6	8	2				
	15	1025.5	—	7.7	0.7	9.5	89	6.7	0	3	0	16	12	0	0	0	0	1	0	0	7	16	7	0	1	3	14	12	1	4	2	2	2	4	8	6	2				
	21	1026.5	—	6.6	0.6	9.0	91	5.5	7	0	4	5	14	1	0	0	1	3	0	2	7	12	5	1	1	3	9	16	2	2	1	5	0	5	3	10	3				
Manston [Kent]																																									
45	3	1025.5	—	6.5	0.5	9.0	92	6.3	2	2	3	9	15	0	0	2	0	1	1	3	13	7	3	1	0	0	13	16	2	1	4	1	2	5	9	5	2				
	9	1026.0	—	6.6	0.6	9.0	91	6.5	0	4	1	15	10	1	0	1	0	1	0	3	18	3	4	1	0	1	11	18	1	3	4	1	2	4	10	4	2				
	15	1025.2	—	7.7	0.8	9.4	88	6.5	0	3	0	22	6	0	0	0	0	1	0	5	12	9	4	0	0	2	9	18	2	3	1	3	1	5	11	2	3				
	21	1026.3	—	6.6	0.7	8.9	90	6.3	1	4	1	11	12	2	0	1	1	2	2	0	11	9	5	0	0	2	8	20	1	0	3	3	1	5	9	8	1				
Thorney Island [Sussex]																																									
4	3	1025.9	—	6.7	0.5	9.2	92	6.7	1	3	1	7	18	1	0	1	0	1	2	4	11	10	2	0	0	0	14	17	0	3	5	1	1	5	8	8	0				
	9	1026.3	+11.3	6.6	0.6	9.1	92	6.5	0	3	1	16	11	0	0	0	1	1	0	4	13	7	5	0	0	1	10	19	1	3	4	2	1	7	6	4	3				
	15	1025.5	—	8.4	0.9	9.8	87	6.3	0	5	2	9	15	0	0	0	0	1	0	4	14	7	5	0	0	2	11	17	1	4	4	1	2	5	8	5	1				
	21	1026.6	—	7.1	0.7	9.3	90	6.7	2	1	2	7	18	1	0	0	1	1	5	3	10	11	0	0	0	1	15	15	0	4	5	2	2	5	7	3	3				
Eastbourne Coastguard [Sussex]																																									
7	9	1025.6	+10.7	7.1	0.8	9.1	89	6.3	2	0	7	4	17	1	0	1	0	0	1	3	19	7	0	0	0	2	14	12	3	6	1	2	0	7	4	4	4				
	15	1025.0	—	8.5	1.1	9.5	84	6.4	2	0	5	10	14	0	0	0	0	0	1	4	20	4	2	0	0	0	13	16	2	4	3	1	1	7	4	7	2				
	21	1026.0	—	7.2	0.8	9.2	89	5.6	7	0	3	4	17	0	1	0	0	2	2	2	20	4	0	0	0	3	8	17	3	5	2	2	0	6	4	7	2				
Abingdon [Berkshire]																																									
71	3	1025.5	—	6.2	0.6	8.8	90	6.8	2	2	0	6	19	2	0	2	1	3	3	4	2	10	6	0	0	0	6	22	3	2	2	3	1	5	9	5	1				
	9	1025.9	+11.5	5.8	0.6	8.6	91	6.7	0	3	2	8	16	2	0	2	0	2	3	3	10	10	1	0	0	0	7	22	2	5	4	1	3	7	4	4	1				
	15	1025.1	—	7.6	1.0	9.1	86	6.7	0	1	3	15	11	1	0	2	0	0	3	5	6	12	3	0	0	0	8	21	2	4	4	1	2	4	9	4	1				
	21	1026.2	—	6.6	0.7	8.8	89	6.9	1	0	4	6	20	0	0	0	0	2	3	3	8	12	3	0	0	0	8	20	3	3	2	2	4	7	6	3	1				
Hurn [Hampshire]																																									
14	3	1025.9	—	6.4	0.8	8.8	89	7.0	1	2	0	6	19	3	0	1	2	1	3	2	6	15	1	0	0	0	8	16	7	3	3	0	2	5	8	2	1				
	9	1026.2	+11.2	6.6	0.8	8.8	89	6.5	0	2	5	13	11	0	0	2	0	3	3	15	5	3	0	0	1	6	19	5	4	3	1	1	7	7	3	0					
	15	1025.5	—	8.6	1.2	9.5	83	6.7	0	2	4	12	13	0	0	1	0	0	3	19	5	3	0	0	0	10	19	2	4	6	0	2	4	8	3	2					
	21	1026.6	—	6.9	0.9	8.9	87	6.8	1	2	2	5	18	3	0	0	1	2	2	4	12	9	1	0	0	0	7	19	5	3	4	1	4	2	9	2	1				
South Farnborough [Hampshire]																																									
70	3	1025.6	—	6.4	0.6	8.9	91	6.9	3	0	0	10	18	0	0	0	0	2	2	3	9	11	4	0	0	0	7	22	2	4	2	0	3	6	6	8	0				
	9	1026.1	+11.3	6.4	0.6	8.9	91	6.5	0	4	1	12	13	1	0	1	0	0	2	4	9	7	1	0	0	0	6	22	3	4	2	1	4	5	5	5	2				
	15	1025.3	—	8.1	1.1	9.3	85	6.5	0	3	2	17	8	1	0	0	1	1	0	0	13	8	8	0	0	0	8	21	2	3	5	0	3	3	10	3	2				
Lynham [Wiltshire]																																									
149	3	1025.6	—	5.8	0.5	8.7	92	7.3	0	1	2	8	17	3	0	4	0	1	3	1	13	5	4	0	0	2	11	17	1	2	4	1	1	5	11	6	0				
	9	1025.9	+11.5	5.6	0.5	8.6	93	6.8	0	2	2	12	13	0	0	3	3	2	2	2	11	3	5	0	0	1	9	21	0	2	7	0	2	8	8	4	0				
	15	1025.1	—	7.2	0.9	9.0	88	7.2	0	0	2	15	12	2	0	1	1	2	3	2	8	9	5	0	0	1	14														

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below see Notes on Table 4 (humidity) in the Introduction.

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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	6 - 7	4 - 5	1 - 3	calm												
																																						speed (kt)	11-21	1-10	0
number of observations																																									
8a SOUTH WALES																																									
Aberporth [Cardiganshire]																																									
134	3	1024.2	—	7.5	0.9	9.2	88	6.3	3	3	1	6	18	0	0	0	0	0	0	15	14	1	1	0	2	19	10	0	1	4	1	5	8	6	2	4					
	9	1024.5	+11.7	7.0	0.7	9.1	89	6.7	0	2	2	15	12	0	0	0	0	0	1	17	9	4	0	0	3	18	9	1	1	2	3	5	13	2	1	3					
	15	1024.1	—	8.1	1.2	9.1	84	6.4	0	3	4	15	9	0	0	0	0	0	3	10	15	2	1	0	3	18	8	2	0	4	2	5	10	3	4	2					
	21	1025.0	—	7.6	0.9	9.3	88	6.0	0	6	3	12	10	0	0	0	0	0	1	12	17	1	0	0	1	20	9	1	0	4	2	5	10	3	4	2					
Milford Haven Conservancy Board [Pembrokeshire]																																									
39	3	1024.7	—	8.3	1.1	9.5	85	6.3	3	2	2	6	18	0	0	0	1	0	0	19	11	0	0	0	1	16	10	4	2	4	2	3	5	7	2	2					
	9	1024.9	+11.9	8.2	1.1	9.5	85	6.2	0	5	3	8	15	0	0	0	1	0	0	20	9	1	0	0	0	14	15	2	1	5	5	2	3	9	1	3					
	15	1024.7	—	9.4	1.4	9.7	81	6.4	1	2	5	9	14	0	0	0	0	1	0	18	12	0	0	0	2	14	14	1	0	5	3	5	0	10	3	4					
	21	1025.4	—	8.5	1.0	9.8	86	5.8	5	0	5	4	17	0	0	0	0	1	1	18	11	0	0	0	2	12	12	5	1	4	3	3	3	8	2	2					
Brynamman [Carmarthenshire]																																									
—	9	—	—	6.2	0.5	9.0	92	6.5	0	4	1	11	15	0	0	0	2	2	9	11	7	0	0	0	1	2	26	2	0	6	2	5	4	2	8	2					
	15	—	—	7.7	0.9	9.3	88	6.5	0	3	2	12	14	0	0	0	1	2	5	17	6	0	0	0	0	6	21	4	0	4	2	1	5	5	8	2					
	21	—	—	6.5	0.6	9.0	91	6.2	1	3	3	9	14	1	0	0	0	3	2	25	0	0	0	0	0	6	21	4	1	10	0	1	4	4	5	2					
Mumbles [Glamorgan]																																									
37	3	1024.9	—	7.9	0.8	9.5	88	6.5	0	3	5	4	19	0	0	0	1	1	0	4	17	7	1	0	1	18	10	2	5	2	4	2	5	4	7	0					
	9	1025.0	—	7.9	0.8	9.6	89	6.5	0	3	4	9	15	0	0	0	1	3	0	15	6	6	0	2	4	10	15	0	4	5	5	2	3	3	8	1					
	15	1024.6	—	8.7	1.0	9.8	86	6.6	0	2	4	13	12	0	0	0	0	2	2	15	12	0	0	0	4	12	13	2	0	6	2	3	2	6	7	3					
	21	1025.5	—	8.1	1.0	9.5	86	6.3	3	2	2	5	19	0	0	0	0	2	1	10	12	6	0	0	6	10	13	2	5	2	5	1	4	7	5	0					
Rhoose [Glamorgan]																																									
69	3	1025.3	—	6.8	0.8	8.9	89	6.3	1	4	2	9	15	0	0	0	1	2	2	5	19	1	0	0	1	11	17	2	0	6	2	3	3	4	7	4					
	9	1025.5	+11.4	6.5	0.6	8.9	90	6.6	0	3	3	11	13	1	0	1	0	1	6	11	9	3	0	0	1	11	16	3	0	9	4	3	2	5	5	0					
	15	1025.1	—	7.8	0.9	9.3	87	6.7	0	1	4	13	13	0	0	0	0	2	6	8	13	2	0	0	1	14	13	3	0	6	5	2	3	4	8	0					
	21	1026.0	—	6.8	0.7	9.0	89	6.4	2	1	6	6	16	0	0	0	0	2	5	8	16	0	0	0	1	11	17	2	2	6	2	3	3	5	6	2					
8b ENGLAND SW																																									
Yeovilton [Somerset]																																									
23	3	1025.9	—	7.0	0.9	8.8	87	6.9	0	2	4	3	21	1	0	0	0	5	3	21	2	0	0	0	1	13	11	6	4	1	2	3	4	4	7	0					
	9	1025.9	—	7.0	0.8	9.0	88	6.8	0	2	1	16	11	1	1	0	0	1	2	7	14	6	0	0	1	0	13	11	6	3	3	2	4	4	7	1					
	15	1025.5	—	8.8	1.3	9.4	82	6.6	0	0	6	11	14	0	0	0	0	0	3	7	12	7	2	0	2	16	10	3	2	5	1	3	3	7	6	1					
	21	1026.5	—	7.5	1.0	9.1	86	6.6	2	2	1	7	18	1	1	0	0	2	3	2	19	4	0	0	0	2	12	11	6	3	1	2	1	5	6	5	2				
Portland Bill [Dorset]																																									
54	3	1025.6	—	7.6	0.5	9.8	92	6.8	2	1	1	9	17	1	0	1	0	0	1	0	19	4	4	2	0	4	15	12	0	2	4	3	1	3	4	9	5				
	9	1025.9	—	8.0	0.6	10.0	92	6.7	0	2	5	6	17	1	0	0	0	1	0	1	19	7	3	0	0	4	21	5	1	3	3	4	1	5	4	7	3				
	15	1025.2	—	8.8	0.7	10.3	90	6.3	0	3	6	14	7	1	0	1	0	0	2	4	14	7	3	0	0	5	15	11	0	1	5	5	0	5	3	7	5				
	21	1026.4	—	8.0	0.6	9.9	91	6.3	4	1	1	6	18	1	0	0	0	1	1	2	16	9	2	0	0	4	17	10	0	2	6	1	2	4	6	5	5				
Hartland Point [Devon]																																									
93	3	1024.5	—	8.4	0.9	9.8	88	6.4	2	1	7	5	16	0	0	0	0	0	1	3	18	7	2	1	6	11	12	1	2	4	4	1	6	6	6	1					
	9	1024.6	—	8.3	0.8	9.8	88	6.5	0	2	4	15	9	1	0	1	0	0	0	6	16	8	0	1	5	11	14	0	4	6	2	2	3	6	7	1					
	15	1024.5	—	8.7	1.2	9.6	84	6.5	0	2	5	13	11	0	0	0	0	0	0	8	16	7	0	2	4	12	11	2	1	4	4	2	1	5	10	2					
	21	1025.3	—	8.4	1.0	9.7	87	6.4	1	2	6	5	16	1	0	1	0	0	0	5	12	12	1	2	2	6	11	10	2	0	6	1	3	4	6	5	4				
Mount Batten [Devon]																																									
30	3	1025.7	—	7.8	0.9	9.4	87	6.2	1	3	5	7	14	1	1	1	0	0	2	0	12	15	0	0	2	11	14	4	1	4	3	2	6	3	7	1					
	9	1025.7	+11.0	8.1	0.9	9.7	88	6.7	1	3	3	12	13	1	0	1	0	0	0	1	14	13	2	0	1	2	11	13	4	1	5	1	0	6	5	4					
	15	1025.4	—	9.3	1.3	9.9	83	6.0	1	3	5	11	11	0	0	0	0	1	2	12	12	4	0	0	1	17	12	1	3	5	3	2	4	8	4	1					
	21	1026.5	—	7.9	0.9	9.5	87	6.0	3	4	2	5	17	0	0	0	0	0	2	3	14	11	1	0	0	1	15	13	2	2	6	5	2	2	7	4	1				
Chivenor [Devon]																																									
7	3	1025.2	—	7.7	1.0	9.2	86	6.7	2	1	3	6	17	2	1	0	0	1	0	4	7	14	4	0	0	0	13	16	2	0	2	9	5	4	3	4	3				
	9	1025.3	+11.5	8.0	1.0	9.4	86	6.5	0	3	2	18	8	0	0	0	0	1	0	3	8	11	8	0	0	0	8	21	2	2	8	4	3	6	1	3					
	15	1025.0	—	9.2	1.4	9.6	81	6.2	0	4	5	12	10	0	0	0	0	0	0	3	6	8	14	0	0	2	15	13	1	0	3	5	6	2	5	4	5				
	21	1026.0	—	7.9	1.1	9.2	85	6.6	1	2	3	10	14	1	0	0	0	2	1	1	8	17	2	0	0	1	11	17	2	0	3	8	3	6	3	4	2				
Exeter [Devon]																																									
38	3	1025.7	—	7.1	0.8	9.1	89	7.6	0	0	0	10	16	5	0	4	1	0	2	0	9	5	9	1	0	0	5	25	1	4	3	3	4	7	5	3	1				
	9	1025.8	+11.2	7.4	0.7	9.5	90	7.3	0	1	1	12	16	1	0	1	1	0	0	1	8	12	7	1	0	1	8	19	3	6	2	4	7	2	3	1					
	15	1025.3	—	8.8	1.1	9.7	84	6.2	0	4	2	17	8	0	0	0	1	1	1	9	9	9	1	0	2	12	14	3	4	5	0	4	6	2	3	4					
	21	1026.5	—	7.3	0.9	9.2	88	6.3	3	2	2	7	17	0	0	1	0	0	2	2	10	10	6	0	0	0	11	16	4	4	4	1	5	8	1	3	1				
Scilly [Cornwall]																																									
61	3	1025.0	—	9.3	1.2	10.0	84	5.7	3	2	8	2	16	0	0	0	0	0	0	7	10	11	3	0	3	12	14	2	4	0	5	2	6	7	3	2					
	9	1025.3	+11.3	9.2	1.2	9.8	83	6.2	0	4	5	8	14	0	0	0	0	1	2	7	9	10	2	0	3	10	17	1	3	2	6	1	6	8	2	2					
	15	1025.0	—	9.9	1.4	10.2	83	5.9	0	2	10	7	11	1	0	0	0	1	0	1	8	13	6	2	0	1	14	14	2	3	2	4	1	6	8	2	3				
	21	1026.0	—	9.0	1.2	9.8	85	5.4	1	6	6	6	12	0	0	0	0																								

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

DECEMBER, 1971

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

Table 6 Summary of autographic records of wind

DECEMBER, 1971

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				year from N	speed (kt)	hour ended at day hour		year 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.				30cm (°C)	100cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n 0.2mm or more	1.0mm or more	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 1931-60 average	exposure
					max. (a)	min. (b)			max.	date	min.	date					amount (mm)	date															
1948 1969	Annual	Oaken			56.3																												
	January	Whitby C.G.													48																		
	February	Warsop													66	149																	
		Moorhouse													117	81																	
		Cambridge B.G.													46	132																	
		Monkswood													53																		
		Luton													46		—	—	—	—													
		Stanstead Abbots													61		19		14	10													
		St James Park													50	128			10														
		Aldenhams School													46		14	19	13	8													
		Little Rissington													47	83	13	19															
		Newport (Mon)													49	66																	
		March	Totnes												112		34	11															
			Oaken												54																		
			Helmshore												89																		
		April	East Bergholt												21	46		14															
			Milford Haven C.B.												38		13	25	12	11													
		May	East Bergholt												70	170	28	5															
			Pulton-le-Fylde												114	179																	
		June	Penkridge												24	52																	
			Poulton-le-Fylde												91	154	29	2															
		July	Poulton-le-Fylde												21	26																	
		August	Poulton-le-Fylde												63	65																	
		September	Brighton												8	14	3	15	5	4													
		October	Birmingham K.E.S.												11	15	6																
			Fowey												14				7	4													
		December	Stanstead Abbots												59		15	14															
		Annual	Oaken												825																		
			Penkridge												636	91																	
			Warsop												817	139																	
			Moorhouse												1611	78																	
			Whitby C.G.												571																		
		Huddersfield												851																			
		Cambridge B.G.												538																			
		Mepal												527																			
		Monkswood												551																			
		East Bergholt												622	104																		
		Luton												539				—	—														
		Stanstead Abbots												(589)				149	109														
		St James Park												553				138															
		Aldenhams School												560				166	111														
		Little Rissington												701	91																		
		Brighton												714				123	106														
		Martyr Worthy												771	101																		
		Totnes												1050																			
		Newport (Mon)												872																			
		Milford Haven C.B.												984				183	145														
		Helmshore												1291																			
		Birmingham K.E.S.												770	110																		
1971	January	Rustington			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	February	Rustington			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	March	Rustington			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		Speke			—	—	—	—	—	—	—	—	—	—	48	106			13														
	April	Rustington			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		Helens Bay			11.5	5.2	8.3	—	15.6	21	2.3	17	—	—	110	—	49	24	9	4	0	0	0	1	0	2	0	13	—	0	4.56	—	—
	May	Rustington			—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
		Belfast Malone			14.8	5.9	10.3	—	18.9	10	-0.8	1	11.7	—	51	—	16	28	13	10	0	—	0	0	0	1	1	2	—	—	—	—	—
		Helens Bay			14.7	7.2	10.9	—	19.4	10	2.2	1	—	—	34	—	7	29	13	9	0	0	0	0	0	1	0	2	—	0	6.27	—	—
	June	Fort Augustus			—	—	—	—	—	—	—	—	—	—	48	—	11	23	18	14													
		Pubble Forest			—	—	—	—	—	—	—	—	—	—	—	—	—	—	19	16													
	July	Corpach			—	—	—	—	—	—	—	—	—	—	38	—	15	3	13	7													
	Ballymoney			—	—	—	—	—	—	—	—	—	—	—	—	—	—	17	31	14	12												
	Lislap Forest			—	—	—	—	—	—	—	—	—	—	66	59																		

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

SUMMARY 1971

VOLUME 88

NUMBER 13

A drier than average year but with temperature and sunshine amounts close to average

The year began with two mild months. Most of the spring was cold and dull but with dry spells. May was sunny in eastern areas but the summer began with a very cool, dull June with much rain in the south. However, July was dry and sunny, and after a dull August the autumn also was dry, very sunny and included a very warm October. The year ended with a mild and dry December.

During a very mild January and early February some unusually high temperatures were recorded including a new record for the United Kingdom in January when 18.3°C was recorded at Aber (Flintshire) on the 10th with an almost identical temperature at nearby Llandudno. For a few days around 13 January snow lying in the Scottish Highlands was reduced to patches in areas where there is usually a full and persistent snow cover during the winter. Dry or almost dry spells, notably during the spring, in July and during the autumn, led to water shortages in parts of Scotland, Northern Ireland and northern England in the late summer and autumn and shortages were still a problem in parts of Scotland at the end of the year. In the summer the contrast was very marked in the southern half of the United Kingdom between a cool, dull June with heavy rain at times and a sunny July with dry spells; a similar contrast occurred later between August and September. June was estimated to have been the coolest June generally since 1927 and 1928. Rainfalls classified as 'very rare' were recorded during July and August in Wales, the West Country and Northern Ireland. On 14 August a devastating hailstorm in the neighbourhood of Beverley (East Riding of Yorkshire) did costly damage to buildings and growing crops. After an exceptionally sunny November, December was very dry, especially in Northern Ireland and the incidence of snow in most of Scotland was much lower than average.

WEATHER

January — The year began cold but it soon became very mild, and this led to an unusually snow-free January. During the second week exceptionally high temperatures occurred in the north and west. The fourth week was wet in the south and cold weather returned on the 28th.

February — Despite some heavy rain in the north and west, there was generally less rain and snow than average. Dry spells occurred in the south and east.

March — The weather was mostly changeable and generally cold. Snow occurred widely during the first week and rainfall was heavy in some areas at the end of the third week.

April — It was mainly dull, cold and dry. However, it was warm during the third week away from the North Sea coast and there was widespread and heavy rain around the 23rd.

May — Many southern areas had spells of almost dry weather but it was changeable in the north of the country. Most districts of Great Britain had a sunny month.

June — The month was dry at first but it soon became changeable. Rainfall was showery in the north but it was more prolonged farther south where swollen rivers led to flooding in places. The heaviest and most persistent rain occurred during the period 10th to 19th.

July — The first three weeks were sunny and dry in most areas but thunderstorms occurred on a few days. The last 10 days were generally changeable and thunderstorms or thundery rain were a frequent occurrence.

August — Changeable weather continued during the first half of the month, especially in southern areas. Rainfall was heavy at times in many areas during the first week and the wet spell continued in England and Wales for a further week. On the 13th and 14th flooding occurred in cities as far apart as Bristol, Durham, Londonderry and York. The latter half of the month was less changeable.

September — The first half of September was mainly dry and sunny, and this weather continued in many eastern and southern areas for a further week. Overnight fog was a feature of the weather during this mainly dry period but the last seven days were changeable everywhere.

October — It was mostly warm with dry and sunny spells. However, there was a strong contrast to this during the third week when the weather was often stormy with strong winds and heavy rain at times.

November — A very sunny month in most areas began very warm. However,

the weather became cold on the 6th and wintry showers occurred in some northern areas. Snow fell more widely from the 16th to 24th.

December — It was very mild everywhere and unusually free of snowfall over most of Scotland. Dry or mainly dry spells during the first seventeen days and the last week resulted in below average rainfall, except in north Scotland. It was also dull in most areas and windy in the north.

WIND

The number of days with gales reported during the year was a little above average over coasts in the north and west but it was near or slightly below average elsewhere. Windy spells occurred in January; on the 9th winds reached severe gale force in a number of places in Scotland while overnight on the 23rd/24th high winds caused local structural damage in southern England. In February, during a generally windy period from the 10th to 20th, high gusts occurred particularly widely from the 12th to 15th. From March to June there were no especially noteworthy occurrences, except the persistence of east to north winds during the first half of the months of April and June. In July strong winds occurred over Scotland and northern England on the 15th; notable gusts included 54 kt at Dyce (Aberdeenshire) — the highest there in July since autographic records began in 1952. Very windy periods during August, mostly in the north and west, culminated on 1 September with gusts of 40 kt or more in much of Scotland and gusts of gale force as far south as Kent. October was a very windy month especially in north Scotland, and a windy period affected most areas from the 15th to 22nd. By the 19th seas around all coasts were very rough and the crew of a drilling rig in the North Sea off Scotland was temporarily evacuated for safety. On the 22nd high gusts in most of Scotland and northern England included one of 93 kt at Cairngorm (Inverness-shire), height of instrument 1075 metres above sea level; this gust was recorded during a period when the mean wind speed was about 60 kt. November was another generally windy month, particularly from the 13th to 23rd and largely in the northern half of the United Kingdom. On the 21st winds reached storm force (mean speed 48-55 kt) over coasts in north-east England and a gust of 69 kt was recorded at Middlesbrough (North Riding of Yorkshire). Generally windy weather continued in Scotland and Northern Ireland during December; in these regions reports of local gales were almost a daily occurrence from the 3rd to the 25th. On the 15th a gust of 107 kt was recorded at Cairngorm and on the 19th gusts of 50-60 kt occurred in areas as far apart as west Scotland and south-east England.

TEMPERATURE

Annual mean temperature nearly everywhere was above average but the excess was mostly 0.5 deg C or less. January, February, October and December were notably milder than average. During the second week of January exceptionally high temperatures occurred in many parts of the United Kingdom. The series of consecutive Octobers with above average temperature in England and Wales is now extended to seven. During December mean temperature over large regions was higher than in the preceding month. June was noticeably cooler than average and monthly mean temperature in some areas was lower than in May.

January — It was a mild month everywhere although it began and ended colder than average. The second week was very mild and many stations established new January temperature maxima. On the 9th a temperature of 16.7°C at Lairg (Sutherland) equalled the highest air temperature recorded in Scotland in January since 1889. On the north Wales coast the next day 18.3°C occurred at Aber and almost the same temperature was recorded at nearby Llandudno; this is the highest temperature recorded in the United Kingdom in January. The 10th was also the mildest day in central Manchester since records became available in 1877.

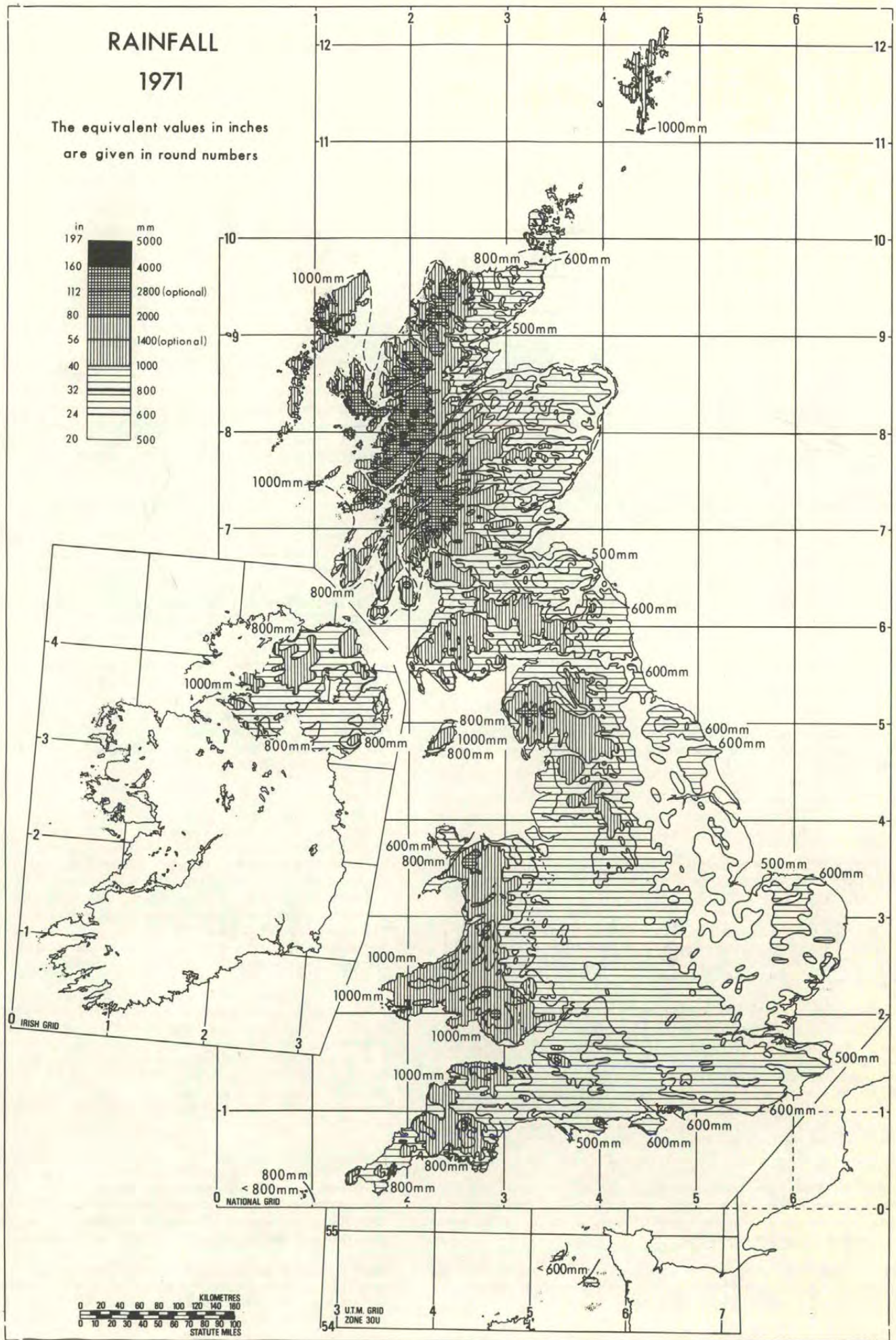
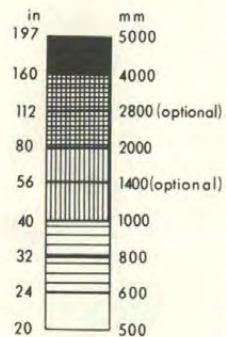
February — It was generally mild during the first half of the month, especially on the 3rd and 4th in the east, and again from the 19th to 25th. However, air frost, severe in places, occurred in many areas around the 16th and also on the last few days; at Lanark the air temperature fell to -11.7°C overnight on the 15th/16th. Monthly mean temperature ranged from about 2 deg C above average in parts of Scotland to near average in southern England.

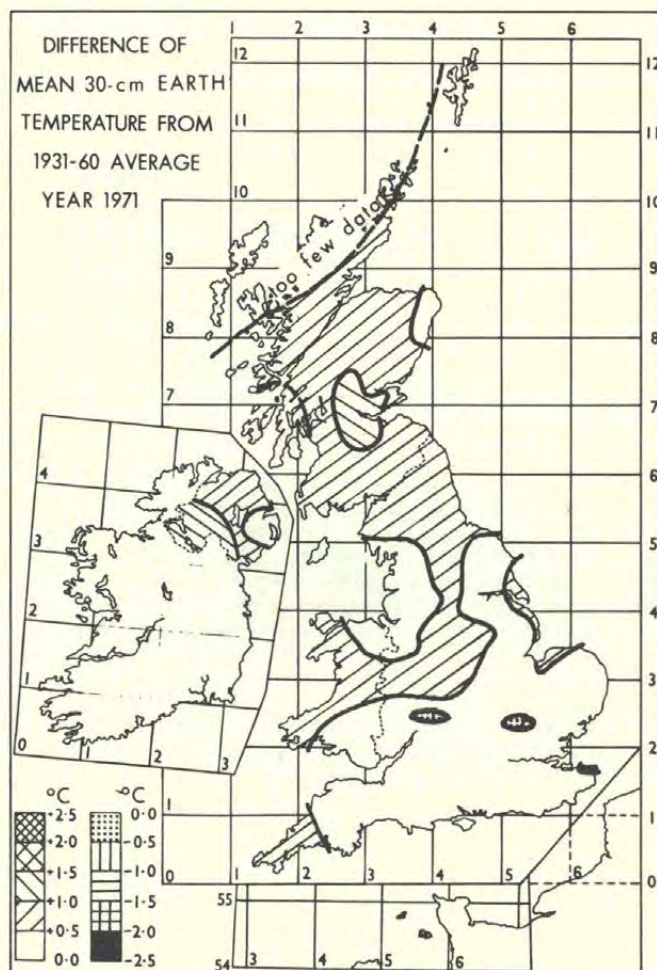
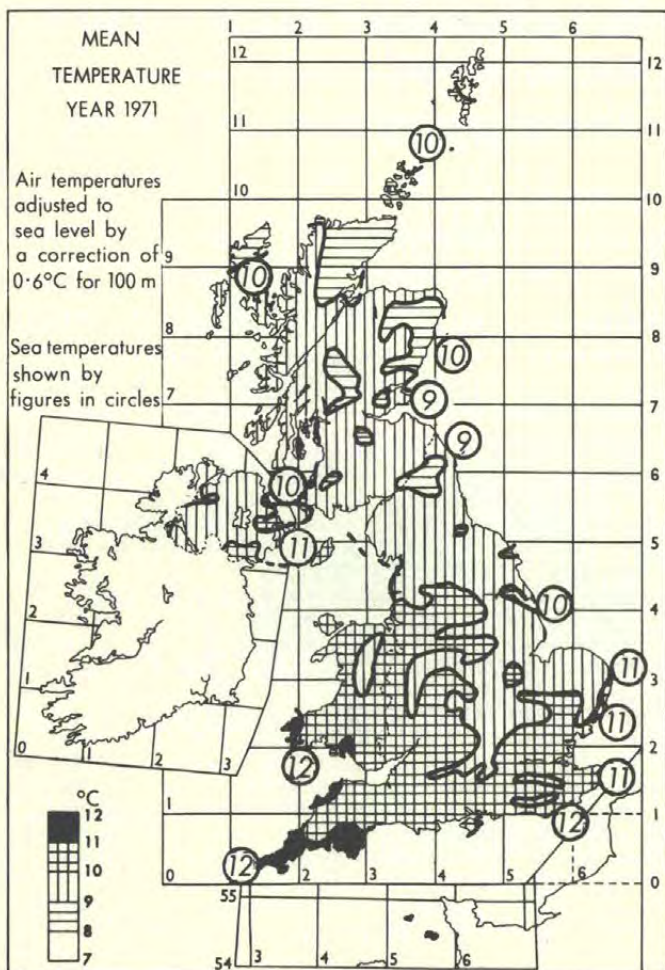
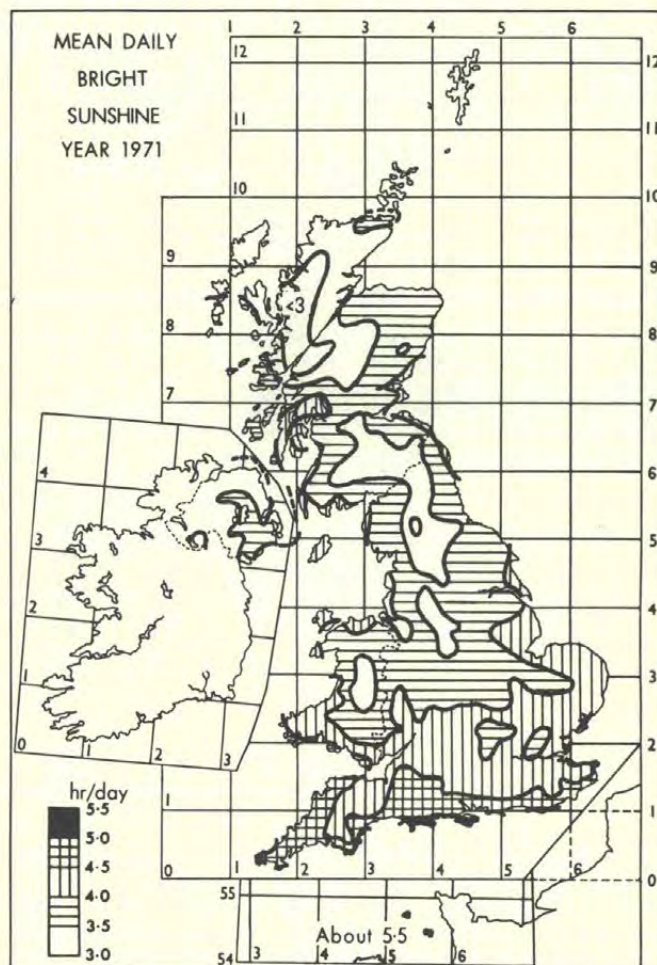
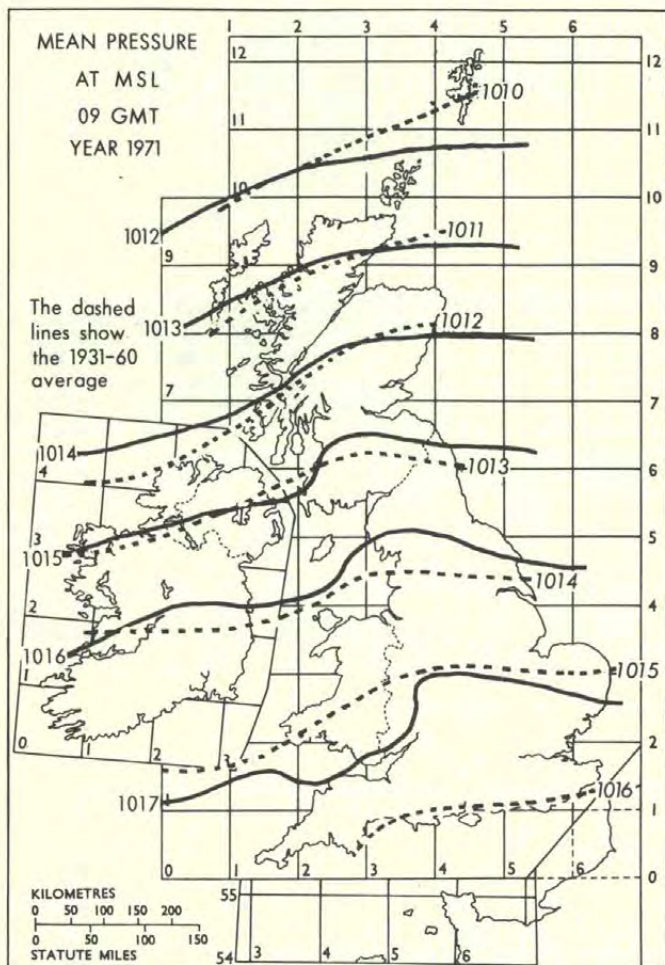
March — Mean temperature over the month was near average in the north but below average elsewhere and temperatures generally fluctuated above and below average during the month. Notable features included a cold first week in England and Wales which contrasted with mild weather elsewhere, and a mild period nearly everywhere from the 8th to 12th.

RAINFALL

1971

The equivalent values in inches
are given in round numbers





April — Monthly mean temperature ranged from about 1 deg C below average in a few areas in England to near average in parts of the north. Most of the first half of the month was cold, especially in the east but the third week was generally warm although eastern areas remained cold. After a very warm day on the 22nd in many inland areas, cold weather soon returned and air frost occurred widely at night.

May — One or two places in Scotland were more than 1 deg C warmer than average over the month as a whole but in most areas mean temperature was near average. Air frost occurred in Scotland during the first week. The next two weeks were, in general, warmer than average although air and ground frost occurred at times, especially in Scotland. The remainder of the month was mostly cool and frost recurred occasionally in places.

June — In general terms it was probably the coolest June since 1927 and 1928 and Ross-on-Wye (Herefordshire) recorded its lowest mean temperature in June since 1916. Mean temperature in many areas was lower than that during May, especially by day. Although it was warm on the first few days away from the east coast, temperature remained persistently below average from the 5th to 22nd.

July — Monthly mean temperature ranged from about 1 deg C below average in the extreme north of Scotland to nearly 2 deg C above average in parts of south Wales and south-west England. On the 7th Turnhouse (Midlothian) had its highest air temperature in July (27.6°C) since records began in 1948 and on the 11th a temperature of 30.3°C occurred at Rugby (Warwickshire). During a cool period from the 16th to 18th ground frost occurred in many places with air frost in some upland areas.

August — Over the month as a whole mean temperature was slightly below average, except in parts of south-west England where it was slightly above average. On the morning of the 8th Carnwath (Lanarkshire) recorded a minimum temperature of -1.9°C. During a very warm day in East Anglia and south-east England on the 19th the temperature at Writtle (Essex) reached 28.2°C.

September — Monthly mean temperature was above average, except in parts of eastern England where it was a little below average. It was the warmest September at Buxton (Derbyshire) since at least 1908 when available summaries began. Except for a few days around the 14th and again around the 25th, day-time temperatures often rose well above average. On the other hand nights were cold occasionally and air frost occurred in central and southern Scotland and northern England overnight on the 11th/12th and on the succeeding two nights. On the morning of the 24th the temperature at Carnwath fell to -4.5°C.

October — It was warmer than average everywhere and this was the seventh successive October over England and Wales with monthly mean temperature above average. Day-time temperatures were above average until the 12th although there were night air frosts in parts of southern England at the end of the first week. A cold spell began on the 11th in Scotland and spread to all districts on the next day; the air temperature at Grantown-on-Spey (Moray) and Crawfordjohn (Lanarkshire) fell to -8.3°C overnight on the 13th/14th. Warm weather returned to all areas around the 17th.

November — The month began very warm and on the 1st the temperature reached 17.5°C at Falmouth (Cornwall) — the highest November maximum recorded there since 1869 when available records began. On the 6th, however, it became cold everywhere and, apart from two brief interludes, temperatures during the remainder of the month were below average. On the 19th the temperature in some areas in Scotland did not rise above 0°C and during the following night at Carnwath the temperature fell to -11.7°C.

December — It was an unusually mild month with mean temperature over large regions higher than the November value. Monthly mean temperature was around 3.5 deg C above average in parts of Scotland while Tynemouth (Northumberland) had its mildest December since 1934. The month began and ended cold with night frost but in general the period 4th to 27th was milder than average, most notably at times during the second and third weeks. On the 4th a temperature of 16.2°C was recorded at Inverness and on the 21st Lowestoft (Suffolk) with 15.2°C had its highest December temperature since present records began in 1921.

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

1

	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
degrees celsius													
a	+ 0.9	+ 0.9	- 0.7	- 0.7	+ 0.3	- 1.8	+ 0.6	- 0.2	+ 0.5	+ 1.3	- 0.7	+ 1.7	+ 0.2
b	+ 1.3	+ 1.4	0.0	+ 0.7	- 1.5	0.0	- 0.4	+ 0.8	+ 1.1	- 0.6	+ 2.4	+ 0.4	
c	+ 1.0	+ 1.1	- 0.5	- 0.5	- 0.1	- 1.6	+ 0.3	- 0.4	+ 0.7	+ 1.5	+ 0.1	+ 1.7	+ 0.3

2

		Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Degrees Celsius													
a	Max.	18.3	15.0	16.4	22.9	24.7	25.6	30.3	28.2	26.1	25.0	19.7	16.3
	Min.	-12.4	-10.2	-11.7	- 6.7	- 6.4	- 2.8	- 0.9	- 0.8	- 3.5	- 5.6	- 9.5	- 6.9
b	Max.	16.7	14.2	15.6	19.4	21.1	23.1	30.0	26.9	27.1	21.7	18.3	16.2
	Min.	-11.6	-11.7	- 9.3	- 7.4	- 4.6	- 2.1	- 1.2	- 1.9	- 4.5	- 8.3	-11.7	- 6.4
c	Max.	13.5	12.4	15.1	18.7	20.9	22.1	27.5	24.0	24.5	21.0	18.3	15.6
	Min.	- 7.2	- 6.7	- 5.8	- 3.3	- 1.8	- 1.9	- 1.1	3.4	- 2.6	- 4.3	- 5.5	- 5.1

RAINFALL

Annual rainfall in most areas was below average and in general it was the driest year over Northern Ireland and Scotland since 1953 and 1955 respectively. In some localities annual rainfall was barely two thirds of average notably in small parts of east Scotland and north-west England. Over England and Wales as a whole 1971 brought to an end a six-year period of above average annual rainfall, although the excesses in some years were not large. A notable feature of the broad rainfall distribution during the year was the relatively low rainfall over England and Wales during the periods February to May and September to December. The former period was the driest such period since 1959 and the latter period was the driest since 1879, although it was about as equally dry in 1904. Also noteworthy were the series of months in Scotland with below average rainfall, the very wet June in England and Wales and the very dry December over Northern Ireland. The highest and lowest annual rainfall totals to hand at the time of writing were respectively: about 4327 mm in the mountains near Loch Quoich (Inverness-shire) and about 413 mm at Burnside, near Prestonpans (East Lothian).

January — Rainfall (including melted snow) was above average over most of the southern half of England and Wales, and in parts of north-west and east Scotland. Elsewhere it was generally drier than average and a few small areas recorded less than half the average amount of rainfall. Very little rain fell in the east and south during the first fortnight but some heavy falls occurred in other areas, notably in Wales and west Scotland from the 6th to 9th. The period 21st to 26th was generally wet in the south and west of the country and local flooding resulted from swollen rivers.

February — Less than half the average rainfall occurred over most of east Scotland and much of England with under a quarter of average in places. Gordon Castle (Moray) had its smallest rainfall total since records began in 1865. Some areas in the north-west of the United Kingdom and in north Wales recorded just above average rainfall. Only small amounts of rain occurred during the first ten days and many eastern and southern areas remained dry for the first fortnight. A number of places in the east and south were again dry during the last ten days. However, western and northern districts had some heavy rain at times from the 11th to 18th, particularly the Lake District. In the 48 hours commencing at 09 GMT on the 11th, Seathwaite Farm (Cumberland) recorded 162.1 mm of rain and, in the same period, Long House, near Langdales (Westmorland) had over 132 mm of rain. In the 24 hours from 09 GMT on the 14th, Seathwaite Farm recorded a further 57.1 mm of rain.

March — Many parts of the country had above average rainfall and, although excesses were mostly small, West Baldwin (Isle of Man) and Forglen House (Banffshire) had their wettest March since records began in 1899 and 1901 respectively. The third week was particularly wet, especially from the 17th to 20th. During the 24 hours beginning at 09 GMT on the 19th, 'daily' rainfalls of 112.5 mm and 110.7 were recorded respectively at West Hopes reservoir and Hungry Snout (both in East Lothian).

April — In Scotland generally it was the driest April since 1957; the town of Nairn had its lowest April rainfall since records began in 1866 and other places in Scotland had their driest April for over 30 years. England and Wales were also mostly drier than average and Lowestoft recorded its lowest rainfall in April since 1957. On the other hand much of Northern Ireland had above average rainfall. The first half of the month was mainly dry and this weather persisted in the south for a further week; it was again mostly dry on the last few days. On the 23rd rain was exceptionally widespread and persistent; there were many falls in excess of 50 mm and a number of places had their wettest April day on record.

May — Most districts were drier than average, notably south Devon where Teignmouth had its driest May since continuous records began in 1910. Although it was generally changeable in the north of the United Kingdom, farther south there were spells of dry or almost dry weather. Nevertheless, there were some wet days in most areas. Outbreaks of heavy rain occurred in many places on the 6th and rainfall was prolonged in southern and eastern England on the 7th. On the 23rd rain fell in most areas and a 'daily' fall of over 58 mm occurred at Forfar (Angus). Early on the 25th at Honeycroft Nursery in Uxbridge (Greater London), 34 mm of rain were recorded in about 35 minutes; this is classified as a 'remarkable' rainfall.

June — Most areas in Scotland were drier than average in marked contrast to rainfall in the southernmost counties of England. More than 4½ times the

average rainfall occurred in parts of the Isle of Wight where it was the wettest June in Ryde since at least 1870. It was also the wettest June at a large number of other places in southern England for many years and over England and Wales generally since 1958. The heavy rainfalls were largely the result of frontal rain. In the 24 hours beginning at 09 GMT on the 10th the Southampton area had its wettest 'day' since 1905 and 82.7 mm of rain were recorded at Inkpen (Berkshire). On the 14th a rainfall of 54.2 mm in 5½ hours occurred at East Hoathly (Sussex) and among further heavy rainfalls on the 18th was one of 90.0 mm at Cwmystwyth (Cardiganshire).

July — Large regions of England and Wales had less than half the average rainfall and the Exmouth (Devon) area had its driest July since 1898. The average rainfall was exceeded only in a few areas. Although dry weather predominated everywhere during the first three weeks, thundery rain or thunderstorms led to heavy rainfalls in the north and west on the 3rd and 4th, and in south Wales and south-west England on the 9th. On the 3rd most of a 'daily' rainfall of 97.0 mm at Loggerheads (Denbighshire) is estimated to have fallen in three hours and most of a rainfall of 95.1 mm measured at Mold (Flintshire) occurred in 1½ hours; both these rainfalls are classified as 'very rare'. Other intense falls of rain on the 3rd included 56 mm in 1 hour at Bleasdale (Lancashire). Heavy rain occurred at times in many areas during the last ten days: large 'daily' rainfalls included 81.5 mm at Newcastleton (Roxburghshire) on the 24th and 90.2 mm at Kidwelly (Carmarthenshire) on the 30th, while 40 mm of rain fell in 14 minutes near Watchet (Somerset) on the 27th — a 'very rare' rainfall.

August — Rainfall was below average over much of Scotland, notably in a few eastern areas; elsewhere (including southern Scotland) it was generally above average but percentages of average reported varied widely. It was the wettest August over England and Wales in general since 1960 and at Oxford (Radcliffe Observatory) it was the second wettest August since records began in 1815 (it was slightly wetter in 1879). During the first fortnight there were some heavy falls of rain, including a number of short intense rainfalls locally, but the second half of the month was less rainy. On the 4th a rainfall of 63.4 mm in about 78 minutes occurred at Creggan reservoir (Co. Londonderry); such a rainfall is classified as 'very rare'. A very wet period from the 9th to the 14th, mainly but not exclusively in England and Wales, is illustrated by the following selection of rainfalls recorded in the 24 hours from 09 GMT on the dates stated: 86.6 mm at Llyn Fawr (Glamorgan) on the 9th; 77.5 mm at Threapwood (Cheshire) on the 10th; 104.9 mm at Ballypatrick Forest (Co. Antrim) and 86.1 mm at Smiddy Shaw reservoir (Co. Durham) on the 13th; 65.7 mm at Tophill Low (East Riding of Yorkshire) on the 14th.

September — Almost the whole of the United Kingdom had less rainfall than average and large regions recorded less than half the average including parts of southern England where less than a tenth of the average occurred in some localities. Mainly dry weather during the first fortnight nearly everywhere continued for a further week in parts of east Wales, and south and east England where many places had no measurable rainfall until the 22nd. Although rain occurred occasionally in Scotland and Northern Ireland during the third week and in all districts at times during the last seven days, it was not sufficient to prevent it being the driest September since 1959 over Scotland, as well as over England and Wales. Some stations had their lowest September rainfall for over 40 years, for example Durham since 1910 (although it was equally low in 1941).

October — Most of the United Kingdom was drier than average and some parts of the east and south had less than half the average rainfall. Many places in southern England had no measurable rainfall until the 13th or after the 19th while elsewhere mainly dry weather lasted throughout the first ten days and returned for the last week or so. Heavy rain occurred in northern districts on the 9th and 10th, in most areas at times from the 15th to 24th, and in north Scotland on the 30th. Notable rainfalls recorded during a period of 24 hours beginning at 09 GMT included the following: 112.0 mm at Cowlyd, near Dolgarrog (Caernarvonshire) on the 18th — 63.2 mm at Manchester Weather Centre in the same period was the wettest October 'day' recorded in the Manchester area since records began in 1877; 162.0 mm at Dalness (Argyll) and 158.2 mm at Cassley power station (Caithness) on the 21st.

November — Large regions of Great Britain were drier than average but Northern Ireland was generally wetter than average. Heavy rain in west Scotland and north-west England on the 3rd contributed to a 24-hour rainfall total beginning at 09 GMT of 133.8 mm at Kinlochourn (Inverness-shire) and 121.0 mm at Achnagart (Ross and Cromarty). On the 20th periods of heavy rain occurred in many areas, notably in Northern Ireland, Wales, western England and south-west Scotland. 'Daily' rainfalls recorded on the 20th included 89.5 mm at Manod (Montgomeryshire) and 85.0 mm at Minafon (Merioneth).

December — All districts except north Scotland had below average rainfall and it was the driest December for many years at widely separated stations, notably in Northern Ireland; less than 15 per cent of average rainfall occurred between Strangford Lough and Lough Neagh while it was the driest December at Armagh since 1844. Dry spells occurred in most areas away from north Scotland, particularly in England and Wales from the 3rd to 17th and in Northern Ireland and southern Scotland from the 4th to 11th; in addition only small amounts

of rain were recorded during the last week. A rainy spell affected most areas from the 18th to 23rd, especially in the west and north where 118.8 mm of rain fell at Achnagart in the 24 hours from 09 GMT on the 23rd.

The following table gives monthly and annual general rainfall amounts (revised where necessary) 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	118	50	117	91	80	190	56	137	34	77	98	44	88
b	81	84	108	67	94	84	82	84	44	94	99	82	83
c	71	99	78	142	85	132	71	110	43	53	120	28	82

THUNDER

The first notable occurrences of thunderstorms were on the 6 and 7 May; local flooding was reported in Portsmouth and Bath, lightning caused slight damage to property in the Midlands and large quantities of hailstones, some as large as 2 cm in diameter, fell at Ilkley (West Riding of Yorkshire). Later the same month large hailstones fell at Uxbridge accompanied by intense rainfall. After a relatively thunder-free June, the number of days with thunder in July and August was mostly above average, especially in England and Wales. During these months reports of local flooding following intense rainfalls and of damage to property from lightning strikes were a frequent occurrence in the Press, and three fatalities resulted from lightning strikes. On 14 August, in addition to reports of hailstones 2 cm in diameter in the Midlands, a hailstorm at Little Weighton (East Riding of Yorkshire), near Beverley, caused much damage to growing crops and minor damage to buildings. Hailstones some 2.5 cm in diameter occurred in Cornwall and Devon on 9 November while smaller hail was reported from the same region later the same month.

SNOW

January and February were much less snowy than usual with both occurrences and amounts of snow below average. The number of days with snow in March was about average but during April they were again fewer than average and amounts of snow were small. One occurrence of sleet was reported on the Cairngorm peaks in July but none were reported in August by which time even the most persistent snow beds in the Scottish Highlands had mostly disappeared. A brief snowfall occurred in the West Country unusually early in October. During November snow was more frequent than average, and during a period from the 16th to 24th with blizzards in the Highlands, six members of a school party perished in the snow in the Cairngorms. December was snow-free until about the last week.

January — It was an unusually snow-free month. The late-December snowfall in southern England melted with the arrival on the 7th of mild weather which lasted for the next three weeks. Even the Scottish mountains had very little snow cover from the 7th to 17th. On the 31st snow fell to a depth of 10-15 cm in parts of Wales and the West Country but it soon melted.

February — Occurrences of snow were again below average and amounts were mostly small. An exception to this was the overnight snowfall on the 15th/16th in Northern Ireland and the northern half of England and Wales which produced snow depths of 5-10 cm in places. During the last two days of the month snow depths of 5-10 cm occurred in the Pennines.

March — Snow fell in many areas on the 1st and in the south of England on the 5th; snow depths reached 5-10 cm in a number of upland areas on these occasions. From the 18th to 20th heavy snowfall occurred over high ground in the Isle of Man, southern Scotland and northern England, and snowdrifts of 2-3 metres were reported.

April — Occurrences of snow were few and amounts were generally small. Snow occurred on high ground in the north and west at the beginning of the month and it recurred widely in Scotland around mid-month. On the 26th a brief but heavy snowfall in south Wales and the West Country inconvenienced traffic but the snow on low ground soon melted.

May — Slight snow showers occurred in the Scottish mountains around the middle of the month and again on the 27th. Although some of the Scottish mountain peaks were snow covered throughout the month, in general most areas were free of snow cover except for patches here and there.

June — Snow or sleet occurred on the highest peaks in Scotland on the 8th and also around mid-month.

July — Sleet was reported on the 24th above about 1000 metres in the Cairngorms.

August — No snowfall was reported.

September — Snow or sleet showers occurred on the Cairngorm peaks on the 23rd and 24th.

October — Snow or sleet fell in Scotland towards the end of the second week and snow settled briefly in the West Country on the unusually early date of the 13th.

November — From the 6th to 10th wintry showers occurred in Scotland and northern England with snow or sleet on high ground farther south at times. Snow fell more widely from the 16th to 24th with drifting in some elevated areas in the north.

December — Apart from wintry showers in north Scotland around the 22nd virtually no snow occurred until the last five days when snow or sleet showers fell mainly in eastern and southern England.

SUNSHINE

Annual sunshine amounts almost everywhere were within 10 per cent of average. The early part of the year was generally dull but May provided a welcome respite except in Northern Ireland. The contrast between a dull June and a sunny July was echoed by August and September, and this led into a very sunny autumn, notably in England and Wales. The year ended, however, on a dull note.

January — It was duller than average nearly everywhere but Northern Ireland had above average sunshine. Places as far apart as Ross-on-Wye (Herefordshire) and Craibstone (Aberdeenshire) had their lowest January sunshine total since records began in 1915 and 1925 respectively.

February — Most districts in the north and west had below average sunshine; Tiree (Argyll) had its dullest February since 1940. Elsewhere sunshine amounts were near average.

March — Sunshine was below average nearly everywhere, especially in Wales and north-west England. A few areas in southern England and central Scotland had just above average amounts of sunshine.

April — Most areas had less sunshine than average, especially in the east. Sheffield and Huddersfield (both in the West Riding of Yorkshire) recorded their dullest April since 1920 and 1941 respectively, and Wick (Caithness) had its lowest April sunshine total since 1945 when records began.

May — Sunshine was generally abundant (except in Northern Ireland) and several places had their sunniest May for more than 20 years. Exceptional among these stations were Marchmont (Berwickshire) and Durham where they recorded their highest May sunshine total since records began in 1881 and 1886 respectively, although at Marchmont May 1901 was equally sunny.

June — With the exception of one or two places in west and north Scotland it was duller than average. A number of places had their lowest June sunshine for about 15 years while at Elmdon (Warwickshire) the total sunshine has not been lower in June since continuous records began in 1950.

July — The month was sunnier than average, except in parts of the Hebrides. Plymouth Hoe had its highest July sunshine total since 1911 and a few places in Wales, the West Country and the west Midlands had their sunniest July since 1955.

August — Most areas were duller than average and in parts of southern England and south Wales it was the dullest August since 1958. However, parts of north and east Scotland had rather more sunshine than average and Dyce had its sunniest August since 1955.

September — Nearly everywhere was sunnier than average and only parts of extreme north and east Scotland had small deficits. The period 4th to 12th was very sunny in most areas and another sunny spell from the 16th to 21st occurred in many southern areas. It was the sunniest September at Springburn Park, in Glasgow, and Perth since 1914 and 1919 respectively.

October — Sunshine exceeded the average everywhere and by substantial amounts in some areas mainly as a result of sunny spells during the first fortnight and last week. Sheffield had its sunniest October since records began in 1898.

November — Except notably in parts of north and east Scotland, it was generally a sunny month. In Cambridge it was the sunniest November since at least 1884. New high record sunshine totals for the month occurred at a number of long-established stations. These included Kew (Greater London), Torquay (Devon), South Farnborough (Hampshire) and Shōeburness (Essex) where records began in 1880, 1891, 1914 and 1918 respectively.

December — Parts of the west Midlands had practically no sunshine during the first twelve days. With the notable exception of parts of Yorkshire, most areas were duller than average; Inverness had its lowest sunshine total in December since 1921 and Prestatyn (Flintshire) had its dullest December since 1933 when records began.

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	81	102	86	77	117	72	130	80	128	134	155	79	102
b	62	83	85	99	111	89	125	94	112	124	98	79	101
c	115	81	81	92	89	89	130	86	129	112	85	93	93

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

Station	Hours	Station	Hours
Jersey St. Helier	2088.6	Shanklin	1993.4
Guernsey L'ancrese	2086.2	Swanage	1975.3
Jersey Gorey Castle	2022.3	Weymouth	1938.8
Jersey Airport	2004.0	Ventnor	1928.0
Sandown	1996.4	Eastbourne	1925.2

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

Northern Ireland		Scotland		Wales	
Station	Hours	Station	Hours	Station	Hours
Murlough	1471.6	Arbroath	1605.6	Dale Fort	1726.8
Kilkeel	1445.8	Dunbar	1541.2	Penmaen	1677.3
Helens Bay	1411.2	Usan	1537.6	Rhoose	1643.5

The stations with the highest sunshine totals in each month were the following (stations in parentheses were the sunniest outside the Channel Islands):

Month	Station	Hours
January	Strabane Convent	68.6
February	Weymouth	109.3
March	Eastbourne	150.4
April	Jersey St. Helier (Shanklin)	188.3 (184.6)
May	Guernsey L'ancrese (Eastbourne)	283.2 (268.9)
June	Tiree	256.2
July	Guernsey L'ancrese Jersey St. Helier (Torbay)	340.8 340.8 (324.7)
August	Scilly	191.2
September	Guernsey L'ancrese (Sandown)	252.6 (239.5)
October	Guernsey L'ancrese (Folkestone)	194.3 (173.3)
November	Newton Abbot	133.1
December	Scilly	59.8

FOG

There were no periods with especially persistent fog inland although there were spells when overnight or morning fog was prone to form; these spells occurred chiefly in February, September, October and December. Sea fog was occasionally persistent on the North Sea coast, notably during the first half of April and during the second week in May and it made brief appearances during the summer.

January — Freezing fog, persistent in some areas, occurred widely during the first five days and it was followed by misty weather until the 17th with hill fog in the west.

February — Overnight fog occurred from the 4th to 11th mainly in England. It recurred during the last week mostly in south Wales and the West Country.

March — Most places had overnight fog at some time during the month but it was never persistent.

April — Many areas bordering the North Sea coast were affected by sea fog during the first half of the month and fog was widespread in southern England overnight on the 19th/20th. Hill fog occurred in many areas on the 23rd.

May — Fog was widespread in eastern England on the 15th but it cleared during the morning. Sea fog affected the North Sea coast during the second week and hill fog occurred in the south and west on the 10th, 11th and 30th.

June — Sea fog patches occurred at times during the first week on the east coast and on the 29th on the Cornish coast.

July — During the first fortnight, and also at times during the last week, fog formed overnight especially in eastern England. Sea fog occasionally affected the North Sea coast.

August — The only notable occurrences of fog were in England and Wales where overnight fog formed occasionally in places during the second half of the month.

September — From the 4th to 23rd overnight fog patches occurred frequently. In general fog cleared soon after dawn but occasionally it was more persistent, notably on the 23rd when it persisted all day in parts of Lincolnshire and south Yorkshire.

October — Morning fog occurred frequently during the first ten days and again in the last week; south and east England were the areas most affected but fog usually cleared during the morning.

November — Dawn fog was confined mainly to the first three days and the last two days in England, and on the 29th fog persisted throughout the day in parts of eastern England. Hill fog occurred widely on the 15th while sea fog affected the English Channel coast on the 27th.

December — Morning fog occurred during the first 9 days in England, mainly in the east. Parts of the Midlands and eastern England had fog throughout one or more of the first three days or on the 7th.

MISCELLANEOUS PHENOMENA

Waterspouts or funnel clouds were observed near the Isle of Wight in January, over the Thames estuary in June, near Felixstowe (Suffolk) in July and near the Scilly Isles in September. On 25 January a number of whirlwinds caused local damage in south-east England, notably on the Isle of Wight and in areas near east London. Whirlwinds were also reported from several localities in August and September; at Haverhill (Suffolk) on 7 August violent winds caused extensive damage to growing crops and farm buildings. On 10 January a well-documented sighting was made of a nacreous (mother-of-pearl) cloud located over south-west Scotland. The aurora was seen by observers in Scotland on 89 nights and it was seen on the 11 August from Thirsk (North Riding of Yorkshire).

Table 1 District Values

District	air temperature °C					mean 30 cm earth temp °C	rain days	rain- fall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average						
0 Scotland N	26.1	− 6.1	+ 0.4	0.0	+ 0.3	−	− 11	92	101
1 Scotland E	27.2	− 6.1	+ 0.5	+ 0.5	+ 0.5	+ 0.7	− 23	78	100
2 England N E	28.9	− 6.7	+ 0.1	+ 0.2	+ 0.2	+ 0.7	− 28	85	102
3 England E	28.9	− 6.6	− 0.1	+ 0.2	+ 0.1	+ 0.2	− 20	93	99
4 Midlands	28.8	− 6.7	+ 0.1	+ 0.3	+ 0.2	+ 0.5	− 33	94	102
5 England S E	29.7	− 8.6	+ 0.1	+ 0.2	+ 0.1	0.0	− 36	99	101
6 Scotland W	26.0	− 10.3	+ 0.5	+ 0.4	+ 0.5	+ 0.7	− 19	80	101
7 England N W – Wales N	28.3	− 9.1	+ 0.2	+ 0.4	+ 0.4	+ 0.4	− 40	84	104
8 England S W – Wales S	29.0	− 11.0	+ 0.1	0.0	0.0	+ 0.5	− 36	92	103
N Ireland	25.9	− 5.6	+ 0.4	+ 0.1	+ 0.3	−	− 40	82	93
Scotland	27.2	− 10.3	+ 0.5	+ 0.3	+ 0.4	−	− 18	83	101
England – Wales	29.7	− 11.0	+ 0.1	+ 0.2	+ 0.2	−	− 32	88	102

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

Table 2 Solar radiation and illumination

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	868	28 June	2	6 Jan 19 Dec	227.8	365	418	20 May	1	19 Dec	139.0	365	1073	28 June	2	28 Jan 19 Dec	284.5	365
Eskdalemuir	811	6 July	5	15, 16 17 Jan	226.9	365	391	11 June	5	15, 16 17 Jan	138.8	365	993	6 July	5	15, 16 17 Jan	264.5	365
Cambridge Meteorological Research Centre													—	—	—	—	—	—
London Weather Centre	816	22 June	10	7 Jan 31 Dec	243.5	365	384	13 June	7	31 Dec	138.8	365	1037	22 June	14	7 Jan	310.2	365
Kew	785	22 June	10	31 Dec	258.5	365	373	3 July	10	31 Dec	149.1	365	1024	15 July	14	31 Dec	342.9	365
Easthamstead ¹	792	18 May	13	7 Jan	274.0	365	400	1 July	12	31 Dec	152.1	365	994	22 June	16	15 Jan	340.0	365
Aberporth	867	22 June	15	5 Dec	267.1	365	474	5 June	15	5 Dec	149.3	365	—	—	—	—	—	—
Aldergrove	832	9 July	9	15 Jan	238.3	365	409	21 April	10	15 Jan	147.4	365	—	—	—	—	—	—
Jersey Airport	819	28 May	6	31 Dec.	326.7	365	422	22 May	6	31 Dec	161.2	365	899	28 May	8	31 Dec	344.8	365

¹ Formerly listed as Bracknell; the site has always been at Easthampstead which is 2½ miles SSW of the centre of Bracknell.

Table 3 Summary of daily observations

For meaning of symbols $\mathbf{1}$ \mathbf{S} $\mathbf{\ddagger}$ \mathbf{S} used below see Notes in the introduction.

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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.	min.																					
0 SCOTLAND N																														
Zetland																														
Hamnavoe ...		99	21	10.2	6.1	8.1	—	19.9	— 2.4	—	—	1186	—	44	4 Nov	270	179	45	6	13	15	1	7	18	—	—	59	3.54	—	—
Lerwick ² ...		21-9	82	9.3	5.5	7.4	—	20.7	— 4.8	—	—	1243	110	40	4 Nov	254	193	44	14	7	50	4	15	31	73	65	45	3.24	109	—
				9.5	5.4	7.5	+0.3	21.2	— 5.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Baltasound ...		99	24	10.2	4.9	7.5	—	22.1	— 4.9	8.0	—	1239	109	33	22 Sept	267	208	64	12	1	3	1	7	33	—	—	44	3.13	—	—
Orkney																														
Sule Skerry ...		21-9	13	10.9	7.1	9.0	—	19.4	— 3.7	—	—	1133	—	42	21 Oct	241	182	13	2	2	3	2	4	5	31	22	51	—	—	
Stenness ...		99	23	11.2	5.5	8.3	—	23.2	(— 3.8)	8.2	8.1	921	92	25	21 Oct	252	180	19	8	2	11	5	0	25	83	—	29	3.29	—	
Kirkwall ...		21-9	26	10.7	5.8	8.3	+0.4	22.8	— 5.5	—	—	885	89	34	21 Oct	232	162	47	3	39	5	9	4	15	69	56	46	3.31	99	—
Caithness																														
Dounreay ...		99	21	11.7	5.2	8.5	—	25.0	— 3.9	—	—	706	74	25	21 Oct	195	148	11	5	11	2	3	23	25	76	—	7	3.97	—	
Wick ...		21-9	36	11.0	5.6	8.3	+0.4	23.9	— 5.3	—	—	640	84	22	21 Oct	209	145	25	6	1	31	4	8	32	79	65	9	3.37	95	—
John O'Groats ...		99	30	11.1	5.2	8.1	—	23.6	— 4.1	8.5	—	628	—	27	21 Oct	215	135	16	—	10	7	4	10	31	58	—	15	3.68	—	
Sutherland																														
Cape Wrath ...		21-9	112	10.1	6.5	8.3	+0.1	23.9	— 1.4	—	—	1065	89	48	21 Oct	226	172	26	2	37	7	3	14	12	—	—	38	3.47	—	
Lairg ...				11.9	4.0	7.9	—	25.9	— 9.9	8.1	8.0	868	—	57	21 Oct	227	159	38	17	17	1	4	6	78	136	—	5	3.23	—	
Strathgy ...		99	37	11.8	4.7	8.3	+0.5	24.9	— 6.0	—	—	879	81	33	21 Oct	247	168	44	8	10	8	8	3	43	—	—	9	3.28	107	S
Ross & Cromarty																														
Stornoway ...		21-9	3	11.4	5.8	8.6	+0.1	21.9	— 5.6	—	—	1126	112	29	30 Sept 21 Oct	265	189	18	5	7	22	2	2	34	84	50	31	3.33	99	—
Balmacara ...		99	4	12.8	6.6	9.7	—	24.5	— 3.3	—	—	1424	—	45	6 Jan	262	197	15	12	4	6	3	0	19	—	—	1	—	—	
Poolewe ...		99	6	12.5	6.7	9.6	—	25.5	— 3.9	—	—	1575	105	55	21 Oct	243	206	8	—	14	7	6	0	17	68	—	18	3.12	—	
Rudh Re ...		21-9	16	11.2	7.3	9.3	—	25.3	— 1.3	—	—	—	—	—	—	—	14	0	11	1	1	0	3	8	8	66	—	—		
Achnashellach ...		99	87																											
Kinlochewe ...		99	23	12.8	5.4	9.1	+0.4	27.3	— 6.9	9.1	—	2137	108	136	21 Oct	252	199	23	10	1	8	4	5	38	—	—	8	2.39	—	
Strathconon ...		99	107					27.9	—10.6	—	—	1149	—	48	21 Oct	234	172	26	18	3	1	2	—	—	—	—	0	—	—	
Fortrose ...		99	5		6.1	—	—	26.1	— 3.9	—	—	575	89	26	24 July 21 Oct	181	133	7	0	2	0	0	3	18	—	—	5	3.51	101	—
Tarbatness ...		21-9	18	11.3	6.5	8.9	+0.6	24.5	— 4.5	—	—	464	83	20	21 Oct	166	102	21	1	1	0	0	6	11	—	—	14	—	—	
Inverness																														
Benbecula ...		21-9	6	11.8	6.9	9.3	+0.3	22.4	— 3.2	—	—	1180	103	37	28 Jan	258	198	25	2	20	17	7	2	15	59	50	22	3.46	—	
Isle of Rhum ...		99	5	12.5	6.5	9.5	—	25.0	— 3.6	10.7	10.5	2130	84	53	6 Jan	259	221	22	4	12	16	4	2	23	89	—	56	3.62	—	
Prabost ...		99	67	11.8	5.9	8.9	—	23.4	— 2.9	—	—	1689	93	54	21 Oct	264	218	23	15	6	32	5	0	22	105	—	51	3.34	—	
Duntulm ...		99	90	11.2	6.3	8.7	+0.1	23.3	— 2.2	—	—	1314	97	42	21 Oct	262	211	19	0	15	2	4	2	6	52	—	27	3.22	98	
Onich ...		99	15	12.7	5.4	9.1	+0.4	23.9	— 6.1	—	—	1707	83	76	21 Oct	231	192	—	—	—	—	—	—	39	102	—	—	2.90	100	
Corrach ...		99	8	12.9	5.8	9.3	—	26.6	— 5.6	—	—	1830	—	84	21 Oct	229	186	10	3	2	1	3	0	32	109	—	6	—	—	
Inverness ...		99	4	12.6	6.1	9.3	—	28.9	— 5.0	—	—	549	83	26	24 July	176	125	12	5	0	0	0	5	24	87	—	0	3.49	—	
Coire Cas Shielling ...		99	762	7.9	2.2	5.1	—	24.5	— 8.6	—	—	—	—	—	—	—	—	77	—	—	—	—	—	120	—	—	—	—	—	
Cairngorm ...		99	1090	4.9	-0.1	2.4	—	21.4	-10.2	—	—	—	—	—	—	—	—	102	—	—	—	—	133	187	—	—	—	—	—	
Glenmore Lodge ...		99	341	11.3	2.8	7.1	+0.6	27.4	-10.4	—	—	749	74	25	19 Mar	197	153	—	34	—	—	—	8	105	172	116	—	3.08	—	
1 SCOTLAND E																														
Nairn																														
Nairn ...		99	6	12.2	5.3	8.7	+0.2	26.4	— 7.5	—	—	509	80	27	24 July	176	111	19	2	6	11	1	3	45	113	—	3	3.63	102	—
Moray																														
Grantown-on-Spey ...		99	229	11.6	3.2	7.4	—	28.5	-11.3	—	—	599	—	23	24 July	200	136	36	23	2	10	2	6	97	187	—	1	3.57	—	
Forres ...		99	50	12.6	5.7	9.1	+0.6	26.3	— 6.1	9.6	—	555	89	29	24 July	183	127	16	9	5	6	3	1	31	83	—	10	3.70	100	
Kinloss ...		21-9	5	12.5	5.8	9.1	+0.7	26.2	— 7.9	8.9	—	462	75	25	24 July	183	101	27	3	2	22	2	0	42	105	59	16	3.67	—	
Elgin ...		99	15	12.8	5.4	9.1	—	25.7	— 7.3	—	—	509	77	33	24 July	179	116	—	3	—	—	—	1	39	71	—	—	3.53	—	
Lossiemouth ...		99	6	12.4	5.1	8.7	+0.4	26.6	— 7.3	—	—	469	74	27	24 July	177	105	22	2	11	10	6	0	51	141	89	18	—	—	
Gordon Castle ...		99	32	12.7	5.5	9.1	+0.5	26.7	— 3.9	—	—	547	73	30	24 July	170	120	15	6	12	0	0	—	21	—	—	4	3.91	111	—
Banff																														
Glenlivet ...		21-9	215	—	—	—	—	—	— 9.6	—	—	687	—	36	19 Mar	200	133	—	—	—	—	—	—	—	—	—	—	—	—	S
Banff ...		99	24	12.1	6.2	9.1	—	26.7	— 2.8	—	—	519	—	37	4 Aug	168	103	—	1	—	—	—	3	14	—	—	—	3.74	—	—
Aberdeen																														
Braemar ...		99	339	11.1	3.0	7.1	+0.6	26.1	-12.8	—	—	668	72	33	23 Apr 23 Apr	181	132	—	33	—	—	—	3	99	135	—	—	3.47	—	
Balmoral ...		99	283	11.1	2.8	6.9	+0.3	26.7	-10.6	—	—	615	73	22	24 Apr	186	127	34	35	0	1	2	—	105	143	—	0	—	—	
Dinnet ...		99	177	12.4	3.7	8.1	—	27.8	— 8.9	—	—	586	—	33	23 Apr	153	101	—	22	—	—	—	0	80	142	—	—	3.91	—	
Gartly ...		99	160	11.7	3.9	7.8	—	28.4	— 7.7	—	—	591	—	23	19 Mar 24 July	178	123	—	—	—	—	—	—	72	137	—	—	—	—	

²Lerwick. The first line includes temperatures recorded by an aspirated psychrometer. The second line gives temperatures recorded in a Stevenson screen.

Table 3 (continued)

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
			max (a)	min. (b)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more														
1 SCOTLAND E — continued																														
Aberdeen — continued																														
Inverurie Sewage Works ...	99	54	12.3	4.1	8.2	—	27.3	— 8.7	—	—	513	—	23	19 Mar 23 Apr 24 July	154	106	27	17	4	6	0	4	74	140	—	0	3.59	—	—	
Fyvie Castle ...	99	66	—	—	—	—	—	— 7.8	—	—	653	74	27	4 Aug	194	122	21	14	1	2	2	—	—	132	—	3	3.56	—	—	
Craibstone ...	99	91	11.5	4.8	8.1	+0.3	25.6	— 4.7	8.5	—	536	62	27	21 Jan 26 Sept	163	100	25	16	6	3	1	5	43	113	—	3	3.70	97	—	
Dyce ...	21-9	58	11.9	4.8	8.3	+0.4	25.4	— 7.7	—	—	565	63	28	4 Aug	157	104	32	11	6	21	1	5	55	146	90	10	3.94	—	—	
Aberdeen ...	99	52	11.7	5.1	8.4	+0.3	24.8	— 6.2	—	—	561	67	36	19 Mar	152	106	15	10	2	0	1	6	49	120	—	0	3.93	106	—	
Fraserburgh ...	21-9	18	11.5	6.6	9.1	—	26.0	— 2.1	—	—	566	—	17	15 Mar	184	106	18	1	8	3	0	7	6	26	26	29	3.93	—	—	
Kincardine																														
Fettercairn ...	99	171	11.3	4.4	7.9	+0.6	24.3	— 6.3	—	—	798	81	37	23 May	193	121	28	20	3	2	2	23	58	155	—	11	3.44	—	—	
Strachan ...	99	120	11.9	3.5	7.7	—	25.6	—10.0	8.0	—	615	—	31	23 Apr	154	104	19	16	5	4	3	10	80	142	—	6	3.80	—	—	
Banchory ...	99	77	12.5	4.5	8.5	—	27.2	— 7.5	—	—	551	—	32	23 Apr	156	90	30	19	1	11	4	8	66	115	—	2	—	—	—	
Stonehaven ...	99	4	—	—	—	—	24.4	— 5.6	—	—	570	74	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.77	103	—	
Angus																														
Mylnfield ...	99	30	12.4	5.5	8.9	—	26.3	— 4.9	9.1	9.0	607	85	43	23 July	151	105	10	8	1	0	5	11	40	116	—	3	3.97	—	—	
Dundee ...	99	45	12.8	5.9	9.3	+0.8	27.2	— 4.0	9.5	—	582	74	43	23 Apr	159	97	14	6	4	2	9	14	30	—	—	2	4.02	—	—	
Glamis Castle ...	99	61	12.3	4.1	8.2	—	26.7	— 6.1	—	—	707	82	51	23 May	181	114	20	12	5	0	11	10	67	164	—	8	—	—	—	
Whitehilllocks ...	99	258	11.7	3.3	7.5	—	26.4	— 8.3	—	—	831	73	46	23 Apr	190	131	39	30	0	2	4	7	91	135	—	5	—	—	S	
Buddon Ness ...	99	5	12.3	4.7	8.5	+0.4	22.8	—10.6	—	—	561	79	53	23 May	157	104	9	—	1	1	6	6	58	—	—	5	—	—	—	
Carnoustie ...	99	9	12.6	5.2	8.9	—	26.1	— 4.4	—	—	527	71	38	23 May	134	106	—	5	—	—	3	35	—	—	—	—	4.13	—	—	
Arbroath ...	99	28	12.0	5.9	8.9	+0.5	23.9	— 3.9	—	—	460	69	21	24 July	147	96	9	3	0	0	3	8	26	91	—	0	4.40	107	—	
Usan ...	21-9	30	11.5	6.0	8.7	—	23.5	— 4.0	—	—	498	—	45	24 July	139	89	13	3	3	4	0	8	28	49	41	14	4.21	—	—	
Montrose ...	99	57	11.8	5.2	8.5	—	24.0	— 4.5	—	—	561	77	28	24 July	157	97	16	7	1	3	7	7	39	102	—	9	—	—	—	
Perth																														
Aberfoyle ...	99	27	13.1	4.1	8.6	—	26.1	— 8.3	—	—	1280	—	46	9 Jan	201	178	12	—	0	0	3	—	69	112	—	2	—	—	—	
Dall ...	99	232	11.7	3.1	7.4	—	26.5	— 9.0	—	—	964	—	24	19 Oct	246	175	27	22	1	4	5	6	103	153	—	9	—	—	—	
Callander ...	99	107	12.4	4.5	8.5	—	25.6	— 7.2	—	—	1405	—	72	3 July	211	163	14	12	1	0	3	10	57	105	—	3	—	—	—	
Ardtaraig ...	99	130	—	—	—	—	27.8	— 5.6	—	—	978	74	37	23 Apr	203	145	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Drummond Castle ...	99	113	12.2	4.4	8.3	—	25.7	— 7.3	9.6	—	1060	—	43	23 Apr	187	136	12	20	0	0	5	—	59	131	—	3	—	—	S	
Gleneagles ...	99	152	12.0	3.9	7.9	—	25.6	— 7.6	—	—	901	80	37	23 Apr	199	145	16	—	3	0	3	24	76	137	—	1	3.70	—	—	
Pitlochry ...	99	144	—	4.2	—	—	26.1	— 7.4	—	—	753	88	30	23 Apr	186	130	13	16	2	0	1	5	65	122	—	0	3.44	—	—	
Faskally ...	99	94	12.7	4.5	8.6	—	26.7	— 7.8	9.3	—	779	87	34	23 Apr	190	129	25	11	2	3	4	2	62	132	—	1	—	—	—	
Ashintully Castle ...	99	341	10.9	3.0	6.9	—	25.9	— 8.3	—	—	793	—	41	23 Apr	188	136	35	38	4	0	6	30	96	148	—	1	—	—	—	
Strathallan ...	99	41	12.9	5.2	9.1	—	27.2	— 5.6	—	—	670	—	57	23 Apr	158	108	13	9	3	5	6	19	52	120	—	4	—	—	—	
Perth ...	99	23	13.1	5.4	9.3	+0.7	27.9	— 6.8	—	—	588	75	49	23 Apr	160	108	12	5	1	0	0	18	52	90	—	0	3.65	102	—	
Blairgowrie ...	99	70	12.4	—	—	—	26.7	—	9.1	—	569	75	39	23 July	174	111	—	—	—	—	—	—	—	—	—	—	—	3.74	—	—
Kinross																														
Kinross ...	99	113	11.9	4.3	8.1	—	26.9	— 7.2	9.3	—	794	—	45	23 Apr	153	131	—	10	—	—	—	—	63	128	—	—	3.66	—	—	—
Fife																														
Pitreevie ...	99	40	12.5	6.1	9.3	—	27.6	— 3.8	—	—	596	—	34	23 Apr	149	98	13	3	5	1	10	8	31	115	69	6	—	—	—	
Kirkcaldy ...	99	32	12.5	5.1	8.8	+0.2	26.7	— 5.6	—	—	578	77	28	23 Apr	152	107	13	5	5	0	5	2	41	98	—	1	4.00	—	—	
Cupar ...	99	25	12.9	5.0	8.9	—	26.7	— 6.7	9.5	—	510	69	29	23 July	146	97	8	3	3	0	6	10	50	108	—	4	3.80	—	—	
Leuchars ...	21-9	10	12.5	5.4	8.9	+0.2	26.8	— 6.2	—	—	497	73	34	23 May	148	89	21	5	5	6	9	10	52	121	94	2	4.09	100	—	
St. Andrews ...	99	18	12.5	6.2	9.3	—	26.6	— 4.1	9.7	9.7	490	—	31	23 May	134	86	—	7	—	—	—	9	34	91	—	—	4.00	100	—	
West Lothian																														
Livingston ...	99	125	12.3	4.5	8.4	—	27.8	— 7.0	—	—	713	—	32	19 Mar	173	119	—	—	—	—	—	41	60	104	—	—	—	—	—	
Midlothian																														
Turnhouse ...	21-9	35	12.7	5.8	9.3	+0.7	27.6	— 5.8	—	—	530	77	22	19 Mar	162	100	22	3	1	9	7	4	47	116	82	5	3.61	—	—	
Edinburgh East Craigs	99	61	12.5	5.7	9.1	—	27.3	— 4.9	9.7	—	512	73	21	19 Mar	155	95	10	2	1	2	4	8	38	105	—	1	3.84	—	—	
Penicuik ...	99	189	12.0	4.3	8.1	+0.2	27.9	— 7.8	9.0	—	837	88	98	19 Mar	181	125	22	17	2	2	6	15	74	124	—	6	3.39	—	—	
Bush House ...	99	184	11.6	4.7	8.1	—	26.2	— 6.5	9.0	—	780	86	59	19 Mar	181	119	14	11	2	0	3	7	61	126	—	6	3.72	—	—	
Edinburgh Blackford Hill	99	134	12.4	6.0	9.2	+0.5	26.8	— 3.5	—	—	565	81	25	19 Mar	164	9	—	6	—	—	—	6	28	69	—	—	3.65	96	—	
Royal Botanic Gardens ...	99	26	12.9	5.7	9.3	+0.4	26.7	— 5.9	9.8	—	500	74	24	6 Aug	154	98	8	1	0	1	4	3	44	119	—	0	3.82	105	—	
East Lothian																														
Haddington ...	99	49	12.8	5.4	9.1	—	26.9	— 5.8	—	—	477	73	37	18 Mar	151	94	12	6	1	2	7	2	48	88	—	8	3.75	—	—	
Dunbar ...	99	23	—	—	—	—	27.2	— 3.8	—	—	439	74	26	3 Aug	145	93	—	—	—	—	—	—	—	—	—	—	4.22	104	—	
Berwick																														
Lauder ...	99	183	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.79	—	—	
Marchmont ...	99	152	12.0	4.8	8.4	+0.3	27.2	— 5.6	—	—	628	81	33	18 Mar	165	120	19	11	1	0	3	3	45	—	—	2	3.36	97	S	
Whitchester ...	99	255	11.2	4.3	7.7	—	25.0	— 6.6	—	—	764	89	78	19 Mar	189	113	44	29	0	30	7	—	62	—	—	25	—	—	—	
St. Abbs Head ...	21-9	75	11.4	5.7	8.5	—	26.2	— 2.9	—	—	—	—	—	—	—	—	11	0	2	1	5	10	26	40	41	46	—	—	—	
Peebles																														
Stanhope Farm ...	99	226	11.7	4.2	7.9	—	25.1	— 9.4	—	—	925	81	43	23 Apr	196	143	21	7	1	1	2	1	72	131	—	5	—	—	—	
Blyth Bridge ...	99	253	11.3	3.9	7.6	—	24.1	— 7.5	—	—	738	80	35	19 Mar	204	137	29	23	2	5	6	4	72	159	—	29	3.27	—	—	
West Linton ...	99	244	11.3	3.9	7.6	—	25.0	— 8.3	8.3	—	780	78	48	19 Mar	215	137														

Table 3 (continued)

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
			max (a)	min. (b)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more														
6a SCOTLAND W — continued																														
Argyll — continued																														
Rhuvaal	21-9	20	12.1	7.6	9.9	—	22.2	— 2.1	—	—	1086	74	33	23 Apr	209	170	8	0	11	2	2	1	3	18	13	17	—	—	—	
Colonsay	9 9	30	12.1	7.0	9.5	+0.3	21.1	— 3.9	—	—	987	73	30	23 Apr	233	180	5	—	15	2	3	25	8	—	—	2	—	—	—	
Aros	9 9	37	12.8	5.4	9.1	—	22.8	— 5.9	—	—	1595	—	(43)	21 Oct	238	201	14	4	3	16	4	10	44	—	—	0	—	—	—	
Machrihanish ...	21-9	10	12.5	7.1	9.8	—	21.6	— 6.2	—	—	828	76	54	23 Apr	198	145	13	1	6	17	3	3	21	75	45	15	4.03	—	—	
Campbeltown ...	9 9	12	—	—	—	—	—	—	—	—	901	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.07	—	—	
Achaglachgach ...	9 9	12	12.8	5.3	9.1	—	23.3	— 6.7	—	—	1257	81	37	23 Apr	206	168	—	—	—	—	—	3	48	—	—	—	—	—	—	—
Knapdale Forest ...	9 9	40	12.4	5.5	8.9	—	24.9	— 5.9	—	—	1255	—	30	23 Apr	235	182	2	0	2	0	1	2	47	109	—	0	—	—	—	—
Glenbranter ...	9 9	24	12.5	5.1	8.8	—	25.6	— 7.2	—	—	1814	—	49	10 Oct	231	188	7	2	1	4	3	5	54	127	—	0	—	—	—	—
Glen Etive	9 9	24	12.8	5.2	9.0	—	26.8	— 8.4	—	—	2413	—	137	21 Oct	246	209	16	7	1	7	6	—	46	105	—	3	—	—	—	—
Benmore Younger Botanic Gardens ...	9 9	12	12.7	5.7	9.2	—	25.2	— 5.6	—	—	1807	75	49	10 Oct	243	194	17	6	7	9	7	6	48	114	—	5	—	—	—	—
Bute																														
Kildonan	21-9	18	12.2	7.6	9.9	—	21.2	— 2.5	—	—	941	—	53	23 Apr	209	152	6	0	2	2	1	3	6	39	25	58	4.02	—	—	—
Rothsay	9 9	43	12.7	6.9	9.8	+0.8	25.0	— 2.2	9.1	9.2	1090	76	26	24 July 4 Nov	223	166	6	2	0	3	1	0	13	62	—	1	3.70	104	—	—
Dunbarton																														
Finnart	9 9	15	12.8	6.4	9.6	—	25.0	— 5.0	—	—	1543	—	49	21 Oct	220	183	12	3	2	4	3	—	27	—	—	0	—	—	—	—
Helensburgh	9 9	89	—	—	—	—	24.0	— 5.0	—	—	1176	80	44	23 Apr	206	178	3	—	0	0	0	7	—	—	—	0	3.47	105	—	—
Sloy	21-9	12	12.5	6.4	9.5	—	24.4	— 4.7	—	—	2242	—	75	21 Oct	236	191	17	—	4	0	6	2	30	—	—	2	—	—	—	—
Cumbernauld ...	9 9	94	12.2	4.7	8.5	—	27.2	— 6.6	—	—	939	—	60	5 Aug	187	152	13	12	1	1	10	17	61	136	—	0	—	—	—	—
Stirling																														
Earls Hill	21-9	335	10.1	4.3	7.2	—	24.2	— 6.4	—	—	1110	—	37	6 Aug	199	159	23	—	3	2	10	31	62	120	95	63	3.65	—	—	—
Stirling Batterflats ...	9 9	38	13.3	5.1	9.2	—	27.8	— 7.0	10.1	—	867	—	36	23 Apr	185	124	11	10	1	9	9	12	56	129	—	3	3.66	—	—	—
Parkhead	9 9	107	13.0	5.4	9.2	—	27.2	— 5.2	9.9	—	746	—	35	23 Apr	183	126	11	5	0	0	0	10	43	—	—	0	—	—	—	—
Falkirk Sewage Works	9 9	3	13.0	5.7	9.3	—	27.5	— 5.6	—	—	717	—	31	5 Aug	176	130	8	2	0	2	3	6	42	—	—	0	3.34	—	—	—
Grangemouth ...	9 9	4	—	—	—	—	30.0	— 4.7	—	—	579	—	22	5 Aug	158	114	8	1	1	0	0	8	—	—	—	0	—	—	—	—
Grangemouth Refinery	9 9	2	13.2	6.3	9.7	—	28.5	— 4.5	—	—	606	—	45	5 Aug	150	105	—	—	—	—	—	—	32	—	—	—	—	—	—	—
Renfrew																														
Greenock	9 9	61	12.1	6.8	9.5	+0.3	24.9	— 3.1	—	—	1273	80	41	10 Oct	204	153	12	8	0	1	4	5	20	37	—	5	3.65	106	—	—
Paisley	9 9	32	13.0	6.6	9.8	+0.4	26.1	— 3.9	9.9	—	887	79	26	23 Apr	187	135	9	3	1	5	6	12	28	56	—	5	3.30	99	—	—
Barrhead	9 9	30	12.7	5.6	9.1	—	26.1	— 6.8	—	—	924	80	27	12 Feb	189	141	9	3	2	7	10	5	47	100	—	9	—	—	—	—
Abbotsinch	21-9	5	12.9	5.8	9.3	+0.4	26.0	— 6.8	—	—	823	79	29	5 Aug	192	135	18	3	6	0	9	10	50	111	75	5	3.64	107	—	—
Lanark																														
Crossmyloof	9 9	23	—	5.8	—	—	26.7	— 6.7	—	—	799	—	36	23 Apr	176	136	5	1	1	1	8	6	46	—	—	0	3.52	—	—	—
East Kilbride ...	9 9	178	11.5	5.0	8.3	—	25.8	— 6.3	—	—	991	—	39	23 Apr	207	155	—	11	—	—	—	—	49	—	—	—	—	3.95	—	—
Glasgow, Springburn	9 9	107	12.2	5.8	9.0	+0.5	26.5	— 4.2	—	—	879	87	40	23 Apr	191	144	13	11	4	0	9	12	33	107	—	1	3.55	113	—	—
Coatbridge	9 9	78	12.5	5.4	8.9	+0.4	27.2	— 6.1	—	—	689	77	21	5 Aug	174	121	12	4	2	4	8	4	41	—	—	1	—	—	—	—
Leadhills	9 9	387	10.9	3.7	7.3	+0.6	25.9	— 9.8	—	—	1281	77	51	13 Aug	222	162	29	29	0	7	3	6	73	149	—	0	—	—	—	—
Crawfordjohn ...	9 9	274	10.9	3.5	7.2	—	24.5	— 10.9	8.6	—	824	—	32	13 Aug	199	135	—	—	—	—	—	3	81	131	99	—	3.47	—	—	—
Lanark	9 9	152	12.3	4.9	8.6	—	26.7	— 11.7	—	—	—	—	—	—	—	—	16	7	9	21	6	4	59	—	—	21	3.52	—	—	—
Carnwath	9 9	208	11.9	2.8	7.3	0.0	26.2	— 11.7	8.7	—	678	77	25	19 Mar 13 Aug	196	133	33	14	10	4	6	7	109	165	—	32	—	—	—	—
Camps Reservoir ...	9 9	295	10.7	3.6	7.1	—	24.1	— 9.4	—	—	950	75	29	4 Nov	214	147	35	15	2	0	8	25	82	—	—	53	—	—	—	5
Ayr																														
Girvan	9 9	8	13.1	7.3	10.2	—	24.7	— 4.2	—	—	774	—	33	20 Nov	195	138	2	0	2	1	1	0	19	67	—	22	4.05	—	—	—
Hunterston	9 9	8	12.9	7.4	10.1	—	23.8	— 3.1	—	—	840	—	33	24 July	179	139	6	0	2	5	3	0	13	—	—	31	—	—	—	—
Auchincruive ...	9 9	45	12.5	5.9	9.2	+0.3	23.9	— 6.6	9.8	—	705	70	20	17 Oct	191	140	5	1	3	4	10	0	34	108	—	2	3.93	109	—	—
Prestwick	21-9	16	12.8	6.1	9.5	—	24.9	— 7.2	—	—	700	75	22	17 Oct	181	136	11	0	1	7	8	0	39	86	73	2	3.98	—	—	—
Dumfries																														
Dumfries	9 9	49	12.6	5.7	9.1	+0.3	24.4	— 6.7	10.0	10.1	752	69	30	4 Nov	170	123	4	—	0	1	5	6	50	132	—	0	3.72	105	—	—
Eskdalemuir ⁴ ...	21-9	242	11.0	4.1	7.5	—	24.5	(— 10.3)	9.3	—	1196	76	48	24 July	212	146	47	17	18	5	10	12	75	125	94	10	3.11	94	—	—
			11.3	4.1	7.7	+0.5	25.6	— 10.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Kirkcudbright																														
Bargrennan	9 9	110	12.5	4.5	8.5	—	(23.6)	— 8.2	—	—	1125	74	41	20 Nov	215	153	6	0	4	3	5	1	63	150	—	—	—	—	—	—
Palnure	9 9	15	12.6	5.4	9.0	—	22.9	— 8.0	—	—	907	69	34	20 Nov	183	140	2	0	0	0	3	21	42	109	—	4	—	—	—	—
Clatteringshaws ...	9 9	178	11.7	—	—	—	23.3	—	—	—	1407	70	50	4 Nov	193	161	17	1	4	1	6	6	—	—	—	1	3.30	—	—	—
Glenlee	9 9	55	13.0	4.4	8.7	+0.2	24.9	— 10.0	—	—	1116	73	47	15 Oct	179	144	—	0	—	—	—	2	79	155	—	—	—	—	—	—
Dundeugh	9 9	119	12.4	3.7	8.1	—	24.1	— 11.6	8.6	—	1051	70	44	4 Nov	187	142	12	3	3	4	2	4	93	—	—	0	—	—	—	—
Girdlingwood ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.04	—	—	—
Glenlocharr Barrage ...	9 9	47	12.8	5.1	8.9	—	24.1	— 8.8	—	—	864	71	40	4 Nov	180	131	3	0	0	0	2	4	57	—	—	20	—	—	—	—
Threave	9 9	73	12.5	5.1	8.8	—	24.1	— 7.8	—	—	868	68	42	4 Nov	171	124	10	1	3	4	3	3	54	120	—	0	—	—	—	—
Wigtown																														

Table 3 (continued)

District, County and place	max. temp. 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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n			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 1931-60 average	exposure	
			max (a)	min. (b)			max.	min.					0.2 mm or more	1.0 mm or more																	
3 ENGLAND E — continued																															
Essex — continued																															
Clacton-on-Sea ‡	9 9	16	13.1	(7.5)	(10.3)	(+0.3)	27.6	— 5.0	11.2	11.1	493	90	21	10 June	126	96	9	9	0	1	7	18	21	(75)	—	7	—	—	—	—	
Walton-on-Naze ...	21-9	5	13.0	7.6	10.3	—	27.0	— 5.0	—	—	470	—	19	14 June 27 July	132	98	16	5	3	2	6	20	19	35	28	17	4.58	—	—	—	
4 MIDLAND COUNTIES																															
Yorkshire W Riding																															
Slaidburn ...	9 9	192	11.8	5.2	8.5	—	26.3	— 7.1	—	—	1185	75	47	18 Oct	184	133	16	6	0	1	2	12	58	101	—	0	3.47	—	—	—	
Malham Tarn ...	9 9	395	(10.5)	(4.3)	(7.4)	—	25.5	— 7.3	8.5	—	1190	78	43	20 Nov	176	134	26	34	2	1	(4)	—	73	123	—	0	(3.35)	—	—	—	
Huddersfield §	9 9	99	(13.3)	(6.0)	(9.7)	—	27.2	— 6.9	(9.8)	(10.0)	721	71	52	18 Oct	134	100	—	5	—	—	—	20	34	95	—	—	—	—	—	—	
Huddersfield Oakes ...	21-9	235	12.4	5.8	9.1	+0.3	27.8	— 6.2	9.2	9.1	836	87	62	18 Oct	188	114	23	7	2	8	17	57	39	98	79	13	3.51	103	S		
Bradford ... ¶	9 9	134	(12.6)	5.8	(9.2)	(+0.3)	26.2	— 5.8	9.5	9.6	694	81	39	18 Oct	153	105	23	5	3	4	9	28	38	98	—	0	3.42	101	S		
Ilkley ...	9 9	96																													
Sheffield ...	9 9	131	(13.2)	(6.4)	(9.8)	(+0.2)	27.7	— 5.0	9.9	10.2	770	99	48	23 Apr	152	109	18	8	1	0	11	—	20	83	—	4	3.65	108	S		
Pontefract ...	9 9	78	(13.0)	6.0	(9.5)	(+0.3)	25.4	— 5.6	—	—	517	85	45	23 Apr	144	86	14	5	0	1	8	35	33	55	—	0	—	—	—	—	
Bramham ...	9 9	54	13.2	5.2	9.2	—	26.0	— 5.6	—	—	—	—	—	—	—	14	3	0	2	5	24	48	—	—	—	—	—	—	—	—	
Cawood ...	9 9	6	13.3	5.1	9.2	—	26.2	— 5.2	9.7	9.9	569	91	34	23 Apr 10 Aug	138	93	—	11	—	—	—	22	50	112	—	—	3.57	—	—	—	
Askham Bryan ...	9 9	34	(13.6)	(5.4)	(9.5)	—	26.7	— 6.0	—	—	503	76	36	10 Aug	125	84	11	8	0	0	4	38	51	95	—	0	—	—	—	—	
Derby																															
Buxton ... ‡	9 9	307	11.4	4.9	8.1	+0.3	24.7	— 8.9	9.0	9.3	962	78	42	23 Apr	170	118	15	17	0	3	5	59	60	81	—	2	—	—	—	—	
Mackworth ...	9 9	89	(13.0)	(5.3)	(9.1)	—	26.1	— 6.7	—	—	659	—	32	23 Apr	124	106	—	5	—	—	—	21	(42)	—	—	—	—	—	—	—	—
Ashover ...	9 9	186	12.5	5.5	9.0	—	27.2	— 8.1	—	—	736	—	44	23 Apr	156	105	27	18	0	4	10	29	43	93	—	1	3.79	—	—	—	
Derby ...	9 9	48	13.6	6.3	9.9	—	28.1	— 6.3	—	—	671	96	32	23 Apr	147	104	12	4	0	3	12	14	32	101	—	0	3.46	—	—	—	
Morley ...	9 9	107	(13.2)	(4.8)	(9.0)	—	26.5	— 8.9	—	—	699	93	31	23 Apr	149	112	—	6	—	—	—	47	56	(111)	—	—	3.48	—	S		
Wingerworth ...	9 9	126	12.7	4.7	8.7	—	26.0	— 7.7	10.5	—	707	—	38	23 Apr	152	104	21	10	0	9	13	32	62	144	—	1	3.51	—	—	—	
Nottingham																															
Sutton Bonington ...	9 9	48	(13.4)	(5.4)	(9.4)	(0.0)	26.9	— 8.9	10.1	(10.2)	578	99	36	23 Apr	144	100	18	7	3	0	7	8	44	112	—	1	(3.59)	(99)	—	—	
Watnall ...	21-9	117	13.0	6.0	9.5	+0.2	27.0	— 6.1	—	—	723	105	41	23 Apr	156	106	27	7	5	13	14	31	34	101	64	0	3.32	91	—	—	
Mansfield ...	9 9	110	(12.5)	(6.0)	(9.3)	(0.0)	26.3	— 5.8	(10.1)	—	664	95	41	23 Apr	141	98	15	8	0	0	3	5	(35)	(96)	—	0	—	—	—	—	—
Nottingham ... ¶	9 9	59	13.6	(6.7)	(10.1)	(+0.3)	27.2	— 6.1	10.0	10.3	578	94	30	23 Apr	136	108	—	5	—	—	—	21	30	73	—	—	3.64	108	—	—	
Warsop ...	9 9	46	13.3	4.7	9.0	—	26.8	— 7.2	—	—	614	105	35	23 Apr	140	96	—	5	—	—	—	27	63	144	—	—	—	—	—	—	
Finningley ...	21-9	10	13.8	6.2	10.0	+0.3	29.0	— 8.2	—	—	491	87	29	23 Apr	139	87	23	4	1	4	12	28	35	74	54	0	3.73	—	—	—	
Leicester																															
Newtown Linford ...	9 9	119	13.1	5.2	9.1	—	27.2	— 8.8	—	—	636	93	24	4 July	141	104	20	4	1	3	12	18	47	100	—	0	3.55	—	—	—	
Caldecott ...	9 9	53	(13.6)	4.1	(8.9)	—	27.9	— 11.2	—	—	520	90	24	9 Aug	129	103	—	5	—	—	—	30	83	95	—	—	3.62	—	—	—	
Northampton																															
Bugbrooke Mills ...	9 9	69	(13.6)	(4.8)	(9.2)	—	27.2	— 7.2	(9.6)	(10.0)	611	102	28	10 June	145	92	—	1	—	—	—	(19)	—	—	—	—	(4.04)	—	—	—	
Raunds ... ¶	9 9	59	13.7	5.4	9.5	0.0	28.7	— 6.7	10.4	10.3	517	89	21	23 Apr 10 June	140	90	—	4	—	—	—	24	48	98	—	—	3.66	98	S		
Wittering ...	9 9	65	13.3	6.2	9.7	+0.1	28.1	— 5.5	—	—	532	91	24	23 Apr	153	98	22	6	1	13	12	27	38	82	58	0	3.84	—	—	—	
Warwick																															
Birmingham King Edward School ...	9 9	137	—	(6.0)	—	—	27.8	— 6.6	—	—	692	90	36	13 Oct	134	106	—	4	—	—	—	23	(30)	—	—	—	—	—	—	—	—
Edgbaston ...	21-9	163	12.9	6.9	9.9	+0.3	27.7	— 5.5	9.6	—	683	88	33	13 Oct	144	97	22	6	6	3	19	20	23	73	59	0	3.80	107	—	—	
Luddington ...	9 9	56	13.9	(5.7)	(9.8)	—	28.9	— 6.7	—	—	609	—	37	9 Aug	138	95	14	1	2	0	9	65	47	109	—	0	4.01	—	—	—	
Stratford ...	9 9	49	(14.0)	(4.6)	(9.3)	—	28.8	— 6.9	(10.8)	—	645	106	38	9 Aug	137	95	10	2	1	5	6	19	56	—	—	0	3.85	—	—	—	—
Elmdon ...	21-9	96	13.3	5.5	9.4	—	27.4	— 8.0	—	—	659	—	33	23 Apr	134	91	26	5	2	9	16	17	47	115	77	0	3.91	—	—	—	
Shipston-on-Stour ...	9 9	111	13.4	(5.7)	(9.5)	—	28.3	— 6.9	(9.9)	—	661	98	40	9 Aug	149	101	14	2	1	2	8	25	37	(118)	—	2	(3.98)	—	S		
Wellesbourne ...	9 9	47	—	—	—	—	—	— 6.6	—	—	(615)	97	37	9 Aug	(125)																

Table 3 (continued)

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure
			max (a)	min. (b)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more													
4 MIDLAND COUNTIES — continued																													
Gloucester — continued																													
Hempsted ...	9 9	12	14.0	6.2	10.1	—	28.7	— 7.1	11.4	11.7	670	91	36	9 Aug	137	101	15	2	0	0	8	8	47	77	—	0	3.99	—	—
Gloucester ...	21-9	24	14.4	7.2	10.8	—	29.1	— 7.0	—	—	699	—	36	9 Aug	137	105	19	3	1	2	12	21	33	88	43	0	4.22	—	—
Cheltenham ...	9 9	65	14.0	6.7	10.3	+0.2	29.4	— 7.2	—	—	633	95	28	10 June	147	104	—	—	—	—	—	—	33	—	—	—	4.10	—	—
Cirencester ...	9 9	135	13.4	5.4	9.4	—	27.6	— 6.1	—	—	(810)	95	40	10 June	—	—	—	2	—	—	—	—	43	110	—	—	—	—	—
Little Rissington ...	21-9	226	(12.4)	5.8	(9.1)	—	27.1	— 7.6	—	—	671	87	33	18 June	142	104	31	13	2	5	14	44	42	82	60	0	(4.30)	—	—
5 ENGLAND SE																													
Greater London																													
Kensington Palace ...	9 9	25	(14.5)	—	—	—	30.0	—	11.5	11.7	668	105	41	4 Aug	133	95	9	0	1	2	6	18	—	101	—	0	—	—	—
Hampstead ...	9 9	137	(13.6)	(6.1)	(9.8)	(+0.1)	28.9	— 6.2	—	—	682	100	41	10 June	138	104	11	2	0	2	6	—	49	90	—	2	4.25	105	S
St. James Park ...	9 9	4	—	—	—	—	30.0	— 2.8	—	—	641	109	52	4 Aug	124	95	5	—	1	0	4	—	—	—	—	0	—	—	—
London W/Centre ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4.31	116	—
Greenwich ...	9 9	7	(14.7)	(6.9)	(10.8)	—	28.0	— 4.4	—	—	571	99	28	10 June	123	87	3	1	2	2	7	6	22	74	—	0	3.83	102	—
Heathrow ...	21-9	25	14.6	7.2	10.9	+0.5	29.7	— 4.2	—	—	619	103	36	10 June	126	86	17	1	0	2	7	18	24	91	45	0	4.22	—	—
Hampton ...	9 9	12	14.4	7.0	10.7	—	29.6	— 4.4	—	—	613	104	39	10 June	122	90	8	0	1	1	7	21	23	85	—	0	4.27	—	—
Wealdstone ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.96	—	—
Southgate ...	9 9	67	—	6.6	—	—	28.9	— 7.8	11.0	—	680	107	33	10 June	127	94	9	10	0	4	6	10	27	102	—	—	—	—	—
Kew ⁷ ...	21-9	5	14.1	6.2	10.1	—	28.6	— 6.1	10.6	10.7	620	102	32	4 Aug	127	89	13	2	1	5	11	17	46	110	70	0	4.43	106	—
Waddon ...	9 9	59	(14.3)	(6.5)	(10.4)	(0.0)	29.4	— 6.1	—	—	656	95	42	10 June	124	93	—	—	—	—	—	—	28	—	—	—	—	—	—
Addington ...	9 9	144	(13.6)	6.3	(9.9)	(+0.1)	28.6	— 6.1	—	—	721	98	48	10 June	141	103	—	—	—	—	1	31	—	—	—	—	—	—	—
Bromley ...	9 9	65	13.8	(7.4)	(10.6)	(+0.2)	28.9	— 3.3	—	—	625	98	43	10 June	113	96	—	7	—	—	—	6	17	—	—	—	—	—	—
Surrey																													
Gatwick ...	21-9	59	14.1	5.3	9.7	0.1	29.4	— 8.2	—	—	661	86	35	10 June	127	89	18	8	5	3	9	21	60	118	72	1	4.31	—	—
Witley ...	9 9	35	(14.3)	(6.0)	(10.1)	(+0.2)	29.0	— 6.0	11.1	11.3	669	—	37	10 June	130	90	—	1	—	—	—	49	48	120	—	—	4.07	—	—
Mickleham ...	9 9	55	(14.1)	(4.7)	(9.4)	—	28.3	— 8.8	10.8	10.7	721	96	39	10 June	135	93	11	8	1	0	6	17	71	114	—	0	—	—	—
Kent																													
Hadlow College ...	9 9	30	14.3	5.2	9.7	—	29.9	— 9.4	10.7	10.6	601	—	35	10 June	127	91	15	10	2	1	9	23	55	43	—	0	—	—	—
Gillingham ...	9 9	4	(14.5)	(6.9)	(10.7)	—	28.1	— 6.1	—	—	520	85	33	10 June	129	87	—	—	—	—	—	—	31	—	—	—	—	—	—
Peckham ...	21-9	29	14.0	5.5	9.7	—	28.3	— 10.3	—	—	566	—	27	13 June	129	88	17	9	0	1	7	33	56	122	84	0	4.51	—	—
Dungeness ...	21-9	3	13.2	7.4	10.3	+0.1	23.6	— 5.5	—	—	532	84	28	27 July	127	87	12	3	3	0	8	18	29	—	—	14	—	—	—
Whitstable ...	9 9	3	13.8	(7.1)	(10.5)	—	26.5	— 6.1	—	—	530	97	31	14 June	144	96	12	5	2	1	9	8	23	—	—	15	—	—	—
Folkestone ...	9 9	31	—	—	—	—	26.7	—	—	—	—	—	68	28 July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Elmstone ...	9 9	9	(13.8)	(5.9)	(9.9)	—	27.1	— 6.5	—	—	541	—	38	19 Aug	130	86	—	11	—	—	—	14	48	58	—	—	—	—	—
Dover ...	9 9	6	(13.5)	8.0	(10.7)	(+0.2)	26.8	— 3.3	11.8	11.8	614	84	29	13 Oct	135	96	12	9	4	6	9	4	18	36	—	0	4.76	—	—
Manston ...	21-9	44	13.2	7.2	10.2	—	25.6	— 5.8	—	—	486	87	33	14 June	133	83	27	12	2	11	6	15	20	58	30	1	—	—	—
Margate ...	9 9	16	(13.1)	(8.4)	(10.7)	(0.0)	25.4	— 3.3	(11.1)	(11.3)	466	—	27	14 June	135	86	11	2	0	2	2	14	12	24	—	3	4.47	94	S
Goudhurst ...	9 9	85	(13.7)	5.4	(9.5)	—	28.4	— 10.7	—	—	729	87	32	13 June	137	100	11	11	1	3	3	16	57	—	—	3	—	—	—
East Malling ...	9 9	37	14.2	5.8	10.0	+0.3	28.3	— 7.2	10.5	10.8	561	82	27	13 June	136	90	15	12	1	1	7	16	46	84	—	4	4.27	100	—
Throwley ...	9 9	150	13.1	(5.9)	(9.5)	—	26.7	— 7.3	10.3	10.4	762	96	46	14 June	162	102	20	15	1	4	11	25	37	95	—	18	(4.08)	—	—
Faversham ...	9 9	48	13.5	6.1	9.8	—	26.6	— 9.0	10.7	10.9	629	—	41	14 June	137	97	18	11	5	2	9	12	41	80	—	0	4.27	—	—
Wye ...	9 9	56	13.7	(6.2)	(9.9)	(+0.1)	27.3	— 9.7	10.7	10.7	621	80	32	14 June	128	95	13	9	0	0	8	51	28	113	—	5	4.39	97	—
Sussex																													
Thorney Island ...	21-9	3	14.1	6.9	10.5	—	28.0	— 6.9	—	—	532	78	39	10 June	122	84	15	0	2	1	14	9	28	96	64	3	4.95	—	—
Rogate ...	9 9	64	—	—	—	—	28.4	— 7.3	11.5	—	760	—	41	10 June	127	88	13	0	3	0	4	23	(59)	123	—	0	—	—	—
Bognor Regis ...	9 9	7	13.7	7.3	10.5	+0.1	27.0	— 4.9	—	—	638	87	43	10 June	122	89	8	0	1	2	5	13	21	65	—	7	5.27	110	—
Fernhurst ...	9 9	57	14.3	(5.0)	(9.7)	—	29.5	— 7.3	10.7	—	755	85	42	10 June	133	96	10	—	0	2	4	—	64	101	—	0	4.40	—	—
Littlehampton ...	9 9	5	—	—	—	—	—	— 4.9	—	11.7	643	90	31	10 June	115	89	6	1	0	1	4	2	22	—	—	0	5.12	105	—
North Heath ...	9 9	21	—	5.2	—	—	28.9	— 8.3	11.2	(11.3)	721	—	27	6 May 10 June	124	91	6	2	0	1	2	25	62	—	—	2	4.30	—	—
Worthing ...	9 9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5.18	104	—
Brighton ...	9 9	10	13.7	—	—	—	28.3	— 3.9	—	12.2	616	90	54	18 June	117	90	8	7	2	0	7	11	—	—	—	23	4.90	102	—
Plumpton ...	9 9	76	—	—	—	—	28.3	— 5.6	—	—	838	—	45	18 June	133	97	—	—	—	—	—	—	—	—	—	—	—	—	S
Wakehurst Place ...	9 9	133	(13.5)	(5.7)	(9.6)	—	28.1	— 5.6	—	—	738	—	36	18 June	131	100	12	11	3	0	7	19	36	111	—	1	—	—	—
East Hoathly ...	21-9	40	14.0	5.2	9.6	—	28.5	— 10.0	—	—	682	—	68	14 June	120	87	11	10	0	2	9	20	56	120	77	0	4.76	—	—
Eastbourne ...	9 9	7	13.5	7.8	10.7	(+0.1)	25.9	— 3.6	11.7	12.2	690	88	40	10 June	135	100	10	—	0	3	1	9	13	70	—	2	5.27	106	—
Eastbourne Coastguard	21-9	3	—	—	—	—	25.7	— 6.8	—	—	654	84	41	10 June	128	88	—	—	—	—	—	—	—	—	—	—	—	—	—
Bexhill ...	9 9	4	(13.4)	7.7	(10.5)	+0.1	26.7	— 4.4	11.8	—	670	94	38	18 June	117	96	8	9	0	1	4	10	21	56	—	8	(4.86)	102	—
Bodiam ...	9 9	22	14.1	5.4	9.7	—	28.8	— 10.1	11.3	11.3	710	88	32	27 July	138	98	16	8	2	4									

Table 3 (continued)

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n			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 1931-60 average	exposure	
				max (a)	min. (b)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more															
5 ENGLAND SE — continued																																
Hampshire — continued																																
Long Sutton ...		99	145	(13.5)	—	—	—	27.6	— 8.8	10.8	—	779	—	62	10 June	134	112	—	10	—	—	—	26	—	—	—	—	—	—	4.16	99	S
Alice Holt Lodge ...		99	115	13.7	5.5	9.6	—	27.9	— 8.3	—	—	708	89	46	10 June	139	103	11	8	0	2	5	24	54	135	—	0	4.43	—	S	—	
South Farnborough ...		99	69	14.3	5.7	10.0	0.0	29.0	— 8.1	—	—	655	96	48	10 June	126	94	20	6	2	2	7	18	55	100	71	0	4.27	102	—	—	
Isle of Wight																																
St. Catharines Point ...		99	16	13.4	7.9	10.7	+0.2	26.5	— 6.0	—	—	589	78	49	10 June	119	90	7	—	1	0	7	5	14	—	—	10	—	—	—	—	
Ventnor ^B ...		99	122	13.7	8.0	10.9	+0.2	26.1	— 5.0	11.8	11.6	749	91	62	10 June	139	104	6	2	0	1	5	5	10	—	—	12	5.28	105	—	—	
Shanklin ...		99	55	13.5	(7.5)	(10.5)	—	27.0	— 6.7	—	—	731	81	61	10 June	134	101	9	—	1	1	6	22	21	—	—	—	5.46	—	S	—	
Ryde ...		99	4	13.9	8.1	11.0	0.0	27.3	— 3.8	—	—	646	85	50	10 June	111	93	7	0	0	1	5	11	12	—	—	3	4.85	100	—	—	
Wiltshire																																
Lacock ...		99	49	(13.9)	5.0	(9.5)	—	28.9	— 8.1	—	—	718	97	54	10 June	130	109	—	4	—	—	—	23	59	92	—	—	—	—	—	—	
Lyneham ...		21-9	145	13.2	6.2	9.7	+0.2	27.8	— 7.0	—	—	776	106	56	10 June	144	103	26	13	12	10	11	34	38	96	73	1	4.39	—	—	—	
Larkhill ...		99	132	13.9	5.5	9.7	+0.3	28.4	— 8.2	—	—	683	95	59	10 June	140	103	13	7	1	1	6	28	47	105	63	0	—	—	—	—	
Boscombe Down ...		21-9	126	13.8	5.9	9.9	+0.3	27.7	— 7.8	—	—	632	87	60	10 June	135	101	23	9	1	1	8	31	46	98	74	5	4.53	—	—	—	
Upavon ...		21-9	176	13.3	5.9	9.6	—	28.0	— 8.6	—	—	676	88	51	10 June	147	116	22	9	3	4	9	36	46	95	58	1	—	—	—	—	
Porton ...		99	111	(13.8)	(4.9)	(9.3)	(-0.1)	27.8	— 8.6	(9.9)	—	689	92	55	10 June	131	102	—	7	—	—	—	27	59	(130)	(82)	—	4.39	99	—	—	
7a ENGLAND NW																																
Cumberland																																
Sellafield ...		99	13	(12.8)	(6.7)	(9.7)	—	24.0	— 4.2	—	—	818	74	28	20 Nov	161	120	—	1	—	—	—	55	21	87	—	—	4.04	—	—	—	
Bromfield ...		99	20	13.0	5.3	9.1	—	25.0	— 7.5	—	—	714	—	33	4 Nov	174	124	9	0	7	2	7	4	66	98	—	4	—	—	—	—	
Carlisle ...		21-9	26	12.9	6.1	9.5	—	25.6	— 7.5	—	—	669	—	36	13 Aug	163	116	17	3	5	0	5	5	43	100	58	0	3.86	—	—	—	
Newton Rigg ...		99	171	(12.3)	(5.1)	(8.7)	(+0.4)	26.1	— 7.2	9.5	—	765	86	48	13 Aug	170	127	—	8	—	—	—	(3)	56	120	—	—	3.64	103	—	—	
Westmorland																																
Great Dun Fell ...		21-9	847	6.2	2.0	4.1	—	20.5	— 8.2	—	—	—	—	—	—	—	—	73	—	—	—	241	140	—	—	—	2.62	—	—	—	—	
Moor House ...		99	556	8.8	2.5	5.7	—	22.8	— 12.4	6.8	—	1351	66	51	12 Feb	232	162	—	47	—	—	—	51	116	168	—	—	3.31	—	—	—	
Lancashire																																
Squires Gate ...		21-9	10	13.0	6.5	9.7	+0.1	26.3	— 7.8	—	—	633	74	29	13 Aug	147	109	11	2	0	4	10	11	34	82	61	4	4.09	98	—	—	
Aigburth ...		99	14	13.4	7.2	10.3	—	27.1	— 5.8	—	—	664	—	43	10 Aug	157	109	9	3	1	2	8	22	19	50	52	3	4.11	—	—	—	
Southport ...		99	5	13.1	6.0	9.5	—	27.2	— 7.7	10.2	10.4	634	75	32	10 Aug	150	110	—	0	—	—	—	29	41	81	—	—	4.21	—	—	—	
Cartmel ...		99	34	12.8	(5.5)	(9.1)	—	26.6	— 7.7	—	—	993	—	39	28 Aug	164	129	5	2	0	2	3	12	44	—	—	0	—	—	—	—	
Grizedale ...		99	91	—	(4.4)	—	—	25.6	— 7.3	(9.4)	—	1515	—	52	28 Aug	199	154	12	—	—	—	—	78	—	—	—	—	—	—	—	S	—
Speke ...		21-9	22	13.5	6.8	10.1	+0.3	27.9	— 6.7	—	—	639	83	42	10 Aug	154	105	15	1	6	7	14	22	27	72	54	2	4.01	—	—	—	
Kirkham ...		99	24	(12.9)	5.8	(9.3)	—	26.8	— 7.9	—	—	708	74	35	23 Apr	155	116	8	2	2	5	9	(8)	42	102	—	0	(4.04)	—	S	—	
Bailrigg ...		99	53	(12.7)	(6.2)	(9.5)	—	26.0	— 5.9	—	—	722	—	34	18 Oct	144	120	—	1	—	—	—	10	37	98	—	—	3.82	—	—	—	
Morecambe ...		99	7	(12.9)	7.4	(10.1)	(+0.4)	26.0	— 3.9	—	—	677	69	26	28 Aug	155	112	7	2	0	1	3	3	19	—	—	0	3.95	97	—	—	
Preston ...		99	33	(13.1)	6.1	(9.6)	—	27.1	— 6.1	—	—	736	73	34	10 Aug	148	112	18	3	2	3	6	42	41	78	—	1	—	—	—	—	
Bolton ...		99	107	12.7	(5.7)	(9.2)	—	26.7	— 6.7	9.4	9.5	922	—	59	18 Oct	162	123	—	1	—	—	—	23	30	(92)	—	—	3.70	—	—	—	
Stonyhurst ...		99	115	—	5.7	—	—	—	— 6.1	—	—	972	80	39	18 Oct	162	119	—	4	—	—	—	39	42	—	—	—	—	—	—	—	
Manchester W/Centre		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3.52	—	—	—	
Helmshore ...		99	260	11.4	(5.5)	(8.5)	—	25.7	— 5.2	8.9	—	1108	72	67	18 Oct	174	132	—	12	—	—	—	38	38	(103)	—	—	—	—	S	—	
Burnley ...		99	200	(11.6)	(5.8)	(8.7)	—	26.7	— 5.0	9.3	9.3	892	—	45	18 Oct	154	125	12	6	0	1	6	12	42	103	—	7	—	—	S	—	
Nelson ...		99	165	(12.2)	(5.4)	(8.8)	—	27.2	— 6.3	9.3	9.3	899	79	45	18 Oct	154	120	—	10	—	—	—	10	52	—	—	—	3.57	—	S	—	
Rochdale ...		99	110	12.8	(5.4)	(9.1)	—	27.2	— 8.1	—	—	891	78	64	18 Oct	162	128	9	3	1	0	3	28	44	114	—	1	3.35	—	S	—	
Cheshire																																
West Kirby Park ...		99	8	(13.8)	7.0	(10.4)	—	27.3	— 5.8	—	—	753	97	61	10 Aug	161	112	—	0	—	—	—	—	28	54	—	—	—	4.01	—	—	—
Ness Gardens ...		99	55	(13.4)	6.5	(9.9)	—	26.7	— 6.6	—	—	626	—	35	23 Apr	158	100	9	1	1	3	8	18	23	109	—	8	3.67	—	—	—	—
Winnington ...		99	20	14.1	(6.6)	(10.3)	—	27.8	— 6.3	—	—	618	80	32	23 Apr	143	99	9	2	1	1	4	33	31	67	—	0	—	—	—	—	
Knutsford ...		99	65	(13.7)	(5.8)	(9.7)	—	27.9	— 11.6	10.2	10.2	755	90	35	23 Apr	144	112	—	8	—	—	—	—	(43)	—	—	—	—	—	—	—	—
Ringway ...		21-9	75	13.0	6.8	9.9	+0.5	26.7	— 9.1	—	—	667	83	38	18 Oct	146	105	24	2	3	2	10	12	30	69	47	0	3.83	111	—	—	
Macclesfield ...		99	152	(12.7)	(6.0)	(9.3)	(+0.3)	27.2	— 5.6	—	—	748	81	34	18 Oct	156	111	22	4	0	2	11	3	37	—	—	1	—	—	—	—	
7b NORTH WALES																																
Flint																																
Rhyl ...		99	9	(13.3)	(7.1)	(10.2)	(+0.1)	28.3	— 3.9	—	—	667	99	33	10 Aug	141	112	4	1	1	3	6	3	20	52	—	0	4.21	104	—	—	
Hawarden Bridge ...		99	5	(14.1)	6.3	(10.2)	(+0.2)	27.3	— 7.2	—	—	643	92	31	23 Apr	155	109	8	(4)	0	1	7	(23)	32	—	—	(0)	—	—	—	—	
Anglesey																																
Valley ...		21-9	10	13.3	8.0	10.7	+0.5	25.6	— 2.7	—	—	651	76	25	1 Mar 23 Apr 20 Nov	164	111	7	1	2	10	9	6	11	62	30	33	4.32	99	—	—	
Denbighshire																																
Colwyn Bay ...		99	24	13.4	7.8	10.6	+0.3	26.1	— 2.4	—	—	788	—	29	10 Aug	157	119	3	1	1	1	8	0	11	—	—	0	4.38	107	S	—	
Alwen ...		99	335	—	3.2	—	—	24.4	— 12.2	—	—	1035	—	52	18 Oct	151	144	—	—	—	—	—	—	87	141	—	—	—	—	—	—	
Ruthin ...		99	76	(13.3)	—	—	—	25.8	— 10.4	—	—	714	—	25	18 Oct	160	114	—	6	—	—	—	5	—	—	—	—	3.83	—	—	—	
Loggerheads ...		99	210	(12.3)	4.7	(8.5)	—	25.6	— 7.2	9.2	9.5	945																				

Table 3 (continued)

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
			max (a)	min. (b)			max.	min.					0.2 mm or more	1.0 mm or more																
8a SOUTH WALES																														
Cardigan																														
Aberporth ...	21-9	133	12.3	7.4	9.9	+0.1	24.8	- 4.0	-	-	881	85	42	18 June	176	135	10	0	3	11	11	14	14	50	28	15	4.16	-	-	
Gogerddan ...	99	31	13.7	6.3	10.0	-	28.4	- 6.3	-	-	950	93	55	18 June	167	133	7	2	1	3	8	3	41	109	-	0	4.14	-	-	
Swyddffynnon ...	99	165	13.1	5.5	9.3	-	26.9	- 7.2	-	-	1135	87	62	18 June	169	156	-	3	-	-	-	5	39	106	-	-	4.07	-	-	
Trawscoed ...	99	61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llety-evan-hen ...	99	290	11.6	6.1	8.9	-	24.7	- 7.3	-	-	1195	83	78	18 June	189	151	17	3	5	8	6	17	32	89	-	0	3.87	107	-	
Cwmystwyth ...	99	301	11.9	4.8	8.3	-	25.0	- 7.9	-	-	499	-	90	18 June	191	152	-	7	-	-	-	-	64	-	-	-	2.96	-	s	
Pembroke																														
Dale Fort ...	99	33	13.8	8.4	11.1	-	(23.9)	- 1.5	11.6	-	769	-	37	29 Nov	146	108	-	-	-	-	-	6	6	44	-	-	4.73	-	-	
Milford Haven																														
Conservancy Board	21-9	37	13.4	8.3	10.9	-	26.6	- 2.5	-	-	966	-	37	18 June	164	130	4	0	5	1	5	5	8	41	23	21	-	-	-	
Orielton ...	99	61	-	-	-	-	-	-	-	-	1141	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Haverfordwest ...	99	8	-	(5.5)	-	-	25.6	- 6.6	-	-	1083	-	43	29 Nov	161	130	-	-	-	-	-	-	46	-	-	-	-	-	-	-
Carmarthen																														
Carmarthen ...	99	15	14.1	6.1	10.1	-	27.3	- 6.7	11.3	11.4	1217	-	79	30 July	177	143	4	1	5	7	5	3	46	100	-	12	4.12	-	-	
Esgairwen-Uchaf ...	99	332	11.5	5.7	8.6	-	25.2	- 6.6	-	-	1255	-	57	18 June	197	155	29	16	4	11	10	43	38	89	-	14	-	-	-	
Brynamman ...	21-9	183	13.2	6.7	9.9	-	27.0	- 6.7	-	-	1332	-	60	18 June	189	143	19	-	10	10	12	(14)	25	61	-	0	-	-	-	
Radnor																														
Cenarth Mill ...	21-9	282	-	-	-	-	24.9	-11.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Llandrindod Wells ...	99	235	13.0	4.9	8.9	+0.2	27.3	-11.0	9.8	-	839	81	35	18 Oct	157	133	18	4	1	1	2	11	50	-	-	0	3.30	93	s	
Brecknock																														
Llwynon ...	99	242	12.4	5.1	8.7	-	26.9	- 7.8	-	-	1484	-	70	9 Aug	176	148	-	0	-	-	-	55	55	-	-	-	3.67	-	s	
Glamorgan																														
Mumbles ...	21-9	36	(13.2)	8.3	(10.7)	-	25.6	- 2.0	-	-	-	-	-	-	-	-	4	0	6	0	6	6	10	32	19	17	-	-	-	
Penmaen ...	99	82	13.2	7.5	10.3	-	26.2	- 4.8	11.4	11.5	1138	-	70	9 Aug	171	141	7	0	4	4	11	14	17	67	-	2	4.59	-	-	
Swansea ...	99	8	(14.1)	(8.0)	(11.1)	(+0.2)	26.8	- 4.0	11.7	-	1136	-	77	9 Aug	169	135	2	0	0	0	1	2	16	-	-	0	-	-	s	
Port Talbot ...	99	7	-	-	-	-	29.4	- 4.9	-	-	1087	100	79	9 Aug	160	131	-	-	-	-	-	-	-	-	-	-	-	-	s	
Neath ...	99	62	(14.0)	7.7	(10.9)	-	27.7	- 4.4	-	-	1161	92	83	9 Aug	197	141	8	0	2	5	9	0	19	66	-	0	-	-	-	
Rhose ...	99	67	13.6	6.9	10.3	-	27.5	- 5.9	-	-	952	-	53	18 June	159	119	14	1	11	1	14	15	28	71	61	0	4.50	103	-	
Cardiff ...	99	62	-	-	-	-	28.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	s	
Monmouth																														
Tredegar ...	99	313	12.2	5.4	8.8	-	26.8	- 7.2	-	-	1383	85	59	18 Oct	177	152	-	17	-	-	-	62	43	97	-	-	-	-	-	
Newport ...	99	23	-	(6.8)	-	-	28.1	- 4.9	-	-	1023	100	44	10 June	137	118	-	0	-	-	-	10	(27)	81	-	0	(4.30)	-	-	
Usk ...	99	21	-	-	-	-	-	- 6.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Crumbland ...	99	245	(12.4)	(5.6)	(9.0)	-	26.8	- 6.8	9.8	10.0	927	90	31	8 June	154	119	-	15	-	-	-	46	43	100	-	-	4.40	-	-	
8b ENGLAND SW																														
Somerset																														
Hawkridge ...	99	314	11.9	5.6	8.7	-	26.3	- 6.7	-	-	1347	90	57	20 Nov	202	142	22	18	9	13	7	38	42	107	-	1	4.35	-	-	
Nettlecombe ...	99	96	(13.9)	5.7	(9.8)	-	26.9	- 7.5	11.2	-	979	-	46	10 June	154	117	-	0	-	-	-	15	38	125	-	-	-	-	-	
Cannington ...	99	23	-	-	-	-	27.2	-	(11.7)	-	750	99	46	10 June	144	108	-	-	-	-	-	-	-	-	-	-	-	-	s	
Cheddar ...	99	11	-	-	-	-	29.2	- 6.1	(11.2)	-	798	-	37	10 June	136	108	-	0	-	-	-	-	(41)	-	-	-	-	-	-	
Yeovilton ...	21-9	18	14.5	5.9	10.2	-	28.5	- 7.0	-	-	703	-	45	10 June	138	104	11	1	3	0	8	21	46	84	62	3	-	-	-	
Rodney Stoke ...	99	40	(14.1)	6.2	(10.1)	-	28.3	- 6.1	11.3	11.1	869	-	44	18 June	139	110	-	0	-	-	-	30	30	72	-	-	-	-	-	
Long Ashton ...	99	49	14.1	6.1	10.1	0.0	29.0	- 7.9	11.1	-	958	104	57	10 June	156	120	11	1	1	4	8	11	35	98	-	1	4.50	109	-	
West Camel ...	99	27	14.7	(5.2)	(9.9)	-	29.3	- 7.1	-	-	702	-	43	10 June	148	102	13	1	6	1	10	12	57	-	-	2	-	-	-	
Wincanton ...	99	114	13.9	5.5	9.7	-	28.9	- 8.9	-	-	764	-	39	10 June	148	121	16	3	0	0	6	46	46	97	-	2	-	-	-	
Dorset																														
Portland Bill Coastguard	21-9	53	13.2	8.8	11.0	-	26.4	- 3.3	-	-	470	-	34	10 June	108	76	4	0	1	4	6	10	8	30	23	24	5.24	-	-	
Weymouth ...	99	23	(14.3)	6.7	(10.5)	-	27.4	- 9.5	-	-	541	-	30	10 June	113	87	1	0	0	1	1	0	29	-	-	0	5.31	-	-	
Winfrith ...	99	26	(14.5)	(5.6)	(10.1)	-	27.9	- 6.9	-	-	689	-	51	10 June	116	90	-	0	-	-	-	17	50	122	-	-	-	-	-	
Shaftesbury ...	99	207	-	(5.5)	-	-	27.3	- 7.1	-	-	758	91	50	10 June	154	109	-	7	-	-	-	28	46	-	-	-	-	-	-	
Swanage ...	99	11	14.1	7.8	10.9	-	26.3	- 5.9	-	12.1	631	81	58	10 June	112	92	2	-	1	0	6	16	16	43	-	9	5.41	111	-	
Poole ...	99	8	(14.6)	6.4	(10.5)	-	28.7	- 6.2	11.5	11.9	609	75	53	10 June	119	84	5	0	0	0	2	19	35	75	-	0	5.07	108	-	
Devon																														
Virginstow ...	99	168	-	-	-	-	28.2	- 7.2	-	-	-	-	30	18 June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hartland Point ...	21-9	91	(12.7)	(8.7)	(10.7)	-	25.7	- 3.3	-	-	669	73	29	18 June	144	117	4	0	3	8	6	11	7	10	10	40	4.94	111	-	
Mount Batten ...	21-9	27	14.0	8.2	11.1	+0.3	27.7	- 3.9	-	-	787	82	29	21 Jan	152	105	9	0	2	7	7	5	19	72	36	13	5.09	110	-	
Plymouth Hoe ...	99	36	-	7.9	-	-	27.8	- 3.9	12.0	-	760	79	27	17 Mar	147	107	3	0	2	0	3	9	24	-	-	10	-	-	-	
Tavistock ...	99	139	14.2	6.6	10.4	+0.3	28.8	- 6.1	-	-	1093	82	43	21 Jan	173	139	11	3	5	1	10	3	32	-	-	7	-	-	-	
Chivenor ...	21-9	6	14.4	7.9	11.1	0.0	28.8	- 5.6	-	-	823	90	46	18 June	156	123	9	0	3	16	7	6	17	56	29	1	4.59	-	-	
Totnes ...	99	84	(14.2)	(5.8)	(10.0)	-	26.4	- 5.6	(11.1)	(11.2)	-	-	-	-	-	-	-	0	-	-	-	7	47	94	-	-	(4.22)	-	-	
Cheldon Barton ...	21-9	163	13.3	6.3	9.8	-	26.7	- 6.1	10.8	-	869	-	45	18 June	165	120	15	2	4	11	11	17	34	112	-	2	4.28	-	-	
Slapton ...	99	32	(14.4)	7.3	(10.9)	-	24.9	- 3.8	-	-	699	63	27	10 June	116	93	-	0	-	-	-	6	20	-	-	-	-	-	-	
Newton Abbot ...	99	83	-	6.9	-	-	26.7	- 5.3	-	-	813	81	39	10 June	150	103	6	1	1	0	5	8	28	97	-	0	4.89	111	-	
Torbay (Torquay) ...	99	8	14.4	7.7	11.1	+0.2	27.2	- 3.3	-	12.3	800	90	41	10 June	130	93	4	0	0	1	4	4	22	39	-	8	5.23	109	-	
Teignmouth ...	99	6	14.3	7.7	11.0	-0.1	26.7	- 3.3	-	-	670	79	51	10 June	150	89	5	0	0	0	3	11	17	-	-	5	5.07	108	-	
Starcross ...	99	9	14.4	6.7	10.5	-	27.9	- 4.9	11.4	-	689	80	52	10 June	138	93	7	0	3	0	5	30	39	74	-	11	4.75	-	s	
Exmouth ...	99	59	14.1	7.4	10.7	+0.5	28.1	- 4.5	-	-	630	75	52	10 June	135	89	7	1	2	1	6	10	21	-	-	5	5.12	112	-	
Exeter ...																														

Table 3 (continued)

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)	100 cm (°C)	total fall (mm)	percentage of 1916-50 average	most in a day		precip'n		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 1931-60 average	exposure	
			max (a)	min. (b)			max.	min.					0.2 mm or more	1.0 mm or more																
8b ENGLAND SW — continued																														
Cornwall — continued																														
St. Austell	99	94	14.0	7.9	10.9	—	27.2	— 4.4	—	—	1024	83	37	29 Nov	179	140	1	0	0	2	2	4	8	—	—	1	—	—	—	
Fowey	99	75	14.0	7.4	10.7	—	27.3	— 4.4	—	—	728	—	25	29 Nov	161	118	6	0	1	10	13	13	21	—	—	9	—	—	—	
Bastreet	99	232	(13.3)	(4.8)	(9.1)	—	28.5	— 8.5	—	—	1437	—	58	29 Nov	191	151	7	7	4	1	6	14	59	—	—	1	4.59	—	—	
Bude	99	15	14.1	7.3	10.7	+0.1	27.3	— 5.3	11.8	—	823	95	30	18 June	157	129	3	0	4	0	3	—	30	—	—	10	—	—	—	
Ellbridge	99	69	14.4	6.7	10.5	—	28.8	— 5.9	—	—	952	—	39	13 Oct	161	122	5	0	8	3	5	11	37	90	—	15	4.53	100	—	
NORTHERN IRELAND																														
Londonderry																														
Coolkeeragh	99	3	13.3	6.5	9.9	—	25.1	— 4.7	—	—	—	—	—	—	—	—	—	—	—	—	—	23	—	—	—	—	—	—	—	
Loughmore Forest ...	99	174	12.3	4.9	8.6	—	25.0	— 7.2	—	—	1091	—	45	23 Apr	236	180	15	6	11	5	6	14	57	108	—	8	—	—	—	
Banagher Caugh Hill ...	99	216	12.1	5.1	8.6	—	26.7	— 4.5	—	—	1088	—	39	23 Apr	231	166	14	—	7	1	4	13	34	101	—	16	—	—	—	
Somerset Forest	99	43	13.2	5.5	9.3	—	25.0	— 4.6	—	—	825	—	29	23 Apr	196	144	3	1	6	0	3	4	41	85	—	—	—	—	—	
Coleraine University ...	99	23	12.7	5.9	9.3	—	24.9	— 4.4	10.2	—	868	—	33	23 Apr	214	157	20	2	6	14	4	11	43	90	—	4	3.42	—	—	
Garvagh Forest	99	88	12.8	5.1	8.9	—	24.7	— 6.7	9.8	9.5	1013	—	42	20 Nov	211	160	9	2	8	0	8	9	47	112	—	—	—	—	—	
Moneydig	21-9	34	12.9	5.6	9.3	+0.3	25.0	— 5.6	10.6	—	915	85	35	23 Apr	199	140	16	3	17	3	9	12	48	125	63	0	—	—	—	
Antrim																														
Ballymoney	99	55	13.3	5.5	9.4	—	25.1	— 5.3	—	—	803	—	29	23 Apr	195	158	8	—	1	7	2	—	38	—	—	—	—	—	—	
Lisnafillan	99	38	12.8	5.3	9.1	—	26.1	— 4.7	—	—	822	—	35	20 Nov	181	138	4	3	0	0	1	15	40	98	—	—	3.78	—	—	
Aldergrove	21-9	68	12.7	6.4	9.5	+0.4	25.3	— 5.1	10.1	10.0	784	81	45	23 Apr	191	125	14	1	10	1	5	8	32	90	67	0	3.68	105	—	
Greenmount	99	32	13.1	5.8	9.5	—	24.9	— 5.3	10.6	—	759	—	36	23 Apr	178	127	7	3	2	0	1	—	42	83	—	—	—	—	—	
Altnahinch	99	226	11.2	5.1	8.1	—	23.7	— 5.1	—	—	1228	—	46	11 June	243	182	16	8	6	5	1	24	45	101	—	25	3.35	—	—	
Parkmore Forest	99	235	11.0	4.9	7.9	—	22.9	— 5.0	9.1	—	1392	85	66	13 Aug	231	176	12	5	1	0	1	22	44	124	—	3	—	—	—	
Black Mountain	21-9	295	10.6	5.0	7.8	—	22.1	— 3.4	—	—	934	—	45	23 Apr	178	138	16	8	1	0	0	69	34	—	—	14	—	—	—	
Lowtown	99	271	11.0	4.7	7.9	—	22.2	— 5.6	8.7	—	1083	—	49	11 June	201	152	12	6	0	0	1	41	44	105	—	14	3.31	—	—	
Ballypatrick Forest ...	99	152	11.6	5.5	8.5	—	24.8	— 5.4	—	—	1012	80	105	13 Aug	213	155	9	5	1	2	3	9	33	93	—	18	3.03	—	—	
Belfast Malone ⁹	99	35	13.3	6.1	9.7	—	24.1	— 4.9	10.4	—	775	—	41	23 Apr	185	123	3	—	—	—	—	19	33	77	—	—	—	—	—	
Newtownabbey	99	32	13.2	7.2	10.2	—	24.3	— 2.9	10.5	—	784	—	41	23 Apr	173	135	10	1	13	1	4	4	15	69	—	4	3.70	—	5	
Woodburn North	99	217	11.4	4.9	8.1	—	21.8	— 4.8	—	—	1020	83	45	23 Apr	198	145	11	6	2	4	3	61	42	97	—	0	—	—	—	
Larne	99	43	13.3	6.3	9.8	—	23.8	— 3.5	—	—	832	77	39	23 Apr	190	137	5	1	1	5	1	1	21	—	—	0	—	—	—	
Kilroot	99	22	12.9	6.2	9.5	—	23.2	— 4.4	—	—	729	—	35	24 Apr	163	122	5	0	1	0	1	0	23	71	—	—	—	—	—	
Ballylumford	99	24	12.9	6.9	9.9	—	22.5	— 3.9	—	—	819	—	45	23 Apr	170	116	2	—	0	0	0	—	13	56	—	—	—	—	—	
Down																														
Hillsborough	99	116	12.3	5.9	9.1	+0.3	23.8	— 3.9	10.0	9.9	719	80	47	23 Apr	172	119	7	2	3	2	3	6	32	102	—	10	3.75	106	—	
Kilkeel	21-9	18	12.5	7.2	9.9	+0.4	22.8	— 2.9	—	—	628	—	30	20 Nov	156	108	3	1	0	0	2	1	14	51	39	9	3.96	—	—	
Rosetta	99	24	—	—	—	—	—	— 2.8	—	—	724	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Murlough	99	9	13.2	5.8	9.5	—	23.7	— 6.3	10.5	9.9	781	—	49	23 Apr	153	102	8	2	6	1	3	4	36	83	—	22	4.03	—	—	
Belfast Rosebank	99	47	13.3	6.7	10.0	—	24.5	— 4.3	—	—	699	—	48	23 Apr	155	119	—	1	—	—	—	—	20	—	—	—	—	—	—	
Stormont Castle	99	56	13.1	6.5	9.8	—	24.1	— 2.8	10.1	10.3	732	78	49	4 July	170	116	11	4	1	0	2	25	18	80	—	6	3.77	—	—	
Downpatrick	99	26	—	—	—	—	24.0	—	—	—	(681)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Creightons Green	99	119	12.1	6.3	9.2	—	22.8	— 2.9	—	—	763	—	50	23 Apr	171	115	9	2	1	7	4	7	19	76	—	8	—	—	—	
Reagh Island ¹⁰	99	12	13.2	6.9	10.1	—	22.9	— 3.9	—	—	585	—	48	23 Apr	140	100	2	—	1	0	3	0	12	—	—	—	3.62	—	—	
Helens Bay	99	43	12.9	7.0	9.9	—	23.4	— 1.8	—	—	687	—	49	24 Apr	158	110	5	0	5	4	1	6	13	76	—	6	3.87	—	—	
Killough	21-9	15	12.1	7.0	9.5	—	21.9	(— 3.5)	—	—	734	—	47	23 Apr	174	104	7	0	4	0	2	8	18	64	36	20	—	—	—	
Ballywalter Park	—	—	—	—	—	—	—	—	—	—	687	79	42	23 Apr	165	118	—	—	—	—	—	—	—	—	—	—	—	3.65	—	—
Armagh																														
Armagh	99	62	13.4	5.9	9.7	+0.3	25.9	— 5.0	11.3	11.2	694	82	35	23 Apr	174	126	10	6	8	0	3	26	36	106	—	3	3.20	92	—	
Loughgall	99	25	13.2	5.6	9.4	—	24.7	— 5.6	—	—	658	84	35	23 Apr	178	122	12	3	1	6	2	15	47	127	—	2	3.58	—	—	
Tandragee	99	43	—	—	—	—	—	— 6.0	—	—	(690)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Bessbrook	—	—	—	—	—	—	—	—	—	—	772	76	39	20 Nov	192	132	—	—	—	—	—	—	—	—	—	—	—	3.54	96	—
Portadown	99	16	13.5	5.7	9.6	—	25.8	— 6.0	10.9	11.0	664	—	33	23 Apr	175	124	1	—	0	0	0	—	45	102	—	—	—	—	—	
Lurgan	99	55	13.3	5.8	9.5	—	25.2	— 6.1	10.4	10.7	645	—	38	23 Apr	165	123	—	—	—	—	—	—	42	98	—	—	3.62	—	—	
Tyrone																														
Lough Bradan	99	169	12.2	4.8	8.5	—	24.5	— 6.1	—	—	1159	—	35	20 Nov	223	176	—	8	—	—	—	14	45	128	—	—	3.40	—	—	
Baronscourt Forest ...	99	88	12.9	5.6	9.3	—	25.7	— 5.2	—	—	950	—	53	4 Nov	207	160	13	5	0	0	3	14	45	119	—	—	—	—	—	
Strabane Convent	99	44	13.5	6.1	9.8	—	27.5	— 4.5	—	—	574	—	33	4 Nov	215	156	12	4	7	1	5	14	29	91	—	23	3.40	—	—	
Carrigans	21-9	113	12.8	5.8	9.3	—	25.1	— 4.9	—	—	1041	—	43	4 Nov	221	170	17	7	16	7	8	22	39	92	54	2	—	—	—	
Lislap Forest	99	209	12.1	4.4	8.3	—	24.1	— 4.8	9.8	—	1059	80	39	4 Nov	226	167	16	7	0	0	0	6	64	116	—	1	—	—	—	
Knockmany Forest	99	73	13.0	4.5	8.7	—	24.8	— 6.8	—	—	826	79	32	4 Nov	192	142	10	4	2	0	3	24	70	124	—	—	—	—	—	
Pomeroy Forest	99																													

Table 4 Summary of observations at fixed hours

For explanation of asterisk (*) used below, see notes on Table 4 (humidity) in the introduction

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	3-5	6-7												8	8 or more	6-7	4-5	1-3	calm	N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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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															
								mean	0	1–2	3–5	6–7	8	speed (kt)	8 or more 22-33												6, 7	4, 5	1-3	0	calm											
																																34 or more 11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
Number of Observations																																										
6a SCOTLAND W — continued																																										
Abbotsinch [Renfrewshire]																																										
9	3	1014.5	—	7.3	0.8	9.4	88	5.6	23	51	42	130	117	2	0	3	4	5	6	49	87	98	60	53	0	11	81	180	93	2	53	36	9	37	92	37	6					
	9	1014.8	+2.0	9.2	1.4	9.9	83	6.2	11	33	40	177	101	3	0	4	3	3	16	46	109	80	51	53	0	12	122	167	64	6	59	36	11	50	78	51	10					
	15	1014.2	—	11.8	2.5	10.0	71	6.1	3	42	55	160	105	0	0	0	0	4	6	26	68	119	62	80	0	9	182	155	19	14	50	35	9	60	96	70	12					
	21	1014.8	—	9.0	1.2	9.9	83	5.7	10	61	50	135	108	1	0	1	1	2	6	51	91	113	48	52	0	12	86	213	54	7	54	37	12	44	91	59	7					
Prestwick [Ayrshire]																																										
21	3	1014.6	—	7.5	0.8	9.5	89	5.5	23	50	61	106	124	1	0	1	0	0	1	15	78	170	75	25	0	8	85	227	45	14	25	50	70	41	47	54	19					
	9	1015.1	+2.2	9.4	1.4	10.0	82	6.1	4	45	47	160	109	0	0	0	0	2	30	99	123	62	49	0	6	106	223	30	8	19	56	37	63	64	62	26						
	15	1014.5	—	11.5	2.3	10.2	74	6.0	1	41	60	168	95	0	0	0	0	0	1	21	85	119	71	68	0	12	129	219	5	12	21	31	23	44	60	122	47					
	21	1015.0	—	8.9	1.1	10.1	85	5.6	13	61	50	133	108	0	0	0	0	2	20	87	141	80	35	0	9	89	226	41	14	16	52	48	49	49	61	35						
Eskdalemuir [Dumfriesshire]																																										
12	3	1015.3	—	—	—	—	—	5.7	43	37	42	71	160	12	1	5	12	17	25	41	106	102	50	6	1	18	65	151	130	55	28	5	6	43	62	26	10					
	9	1015.4	+2.3	—	—	—	—	6.4	4	37	38	120	163	3	0	1	3	8	17	31	107	95	84	19	1	23	93	190	58	38	42	21	19	54	93	28	12					
	15	1014.7	—	—	—	—	—	6.2	2	39	51	137	136	0	0	0	0	6	11	17	86	108	97	40	0	24	133	189	19	19	43	26	20	58	109	48	23					
	21	1015.6	—	—	—	—	—	5.5	32	60	43	71	154	5	0	3	4	10	21	32	106	92	84	13	0	15	81	170	99	31	40	10	6	47	72	38	22					
Mull of Galloway [Wigtownshire]																																										
79	3	1014.5	—	8.7	0.8	10.3	88	5.0	69	48	40	56	145	7	0	2	2	3	4	5	34	79	125	111	16	66	162	92	29	45	19	51	20	67	60	50	24					
	9	1014.9	—	9.5	1.1	10.5	85	5.9	13	39	60	105	136	12	0	7	1	7	7	4	56	79	144	60	20	77	150	100	18	43	18	56	23	75	67	45	20					
	15	1014.6	—	10.9	1.6	10.7	80	5.6	20	42	73	100	123	7	0	3	1	5	7	3	55	97	146	48	20	76	148	104	17	31	8	35	29	101	64	43	37					
	21	1014.7	—	9.4	1.1	10.4	86	5.2	46	45	66	55	145	8	1	2	6	1	5	7	44	74	138	87	22	65	157	97	24	65	13	35	21	79	54	47	27					
6b ISLE OF MAN																																										
Ronaldsway																																										
21	3	1015.4	—	9.0	1.1	10.0	85	5.6	19	65	49	94	134	4	0	1	1	2	5	27	72	86	81	90	0	19	115	217	14	71	33	36	16	46	51	64	34					
	9	1015.9	+2.1	10.3	1.5	10.5	81	6.0	4	48	47	165	98	3	0	1	0	3	9	25	76	88	53	110	0	19	152	191	3	32	34	68	17	59	66	60	26					
	15	1015.5	—	11.6	2.1	10.5	75	5.7	6	60	54	156	88	1	0	0	0	2	2	25	64	111	58	103	1	17	163	182	2	21	27	66	18	89	68	47	27					
	21	1015.8	—	9.8	1.4	10.2	82	5.7	14	60	51	113	124	3	0	0	2	4	5	22	74	101	63	94	0	20	114	216	15	71	39	36	19	46	61	57	21					
Point of Ayre																																										
9	3	1015.1	—	9.1	0.7	10.7	90	4.9	43	63	74	57	127	1	0	0	0	4	4	33	84	94	142	0	23	141	157	44	18	33	27	44	45	71	57	26						
	9	1015.5	—	10.3	1.1	11.2	87	5.5	19	34	91	124	96	1	0	1	0	5	8	5	38	83	123	102	0	26	144	167	28	24	37	24	53	45	69	61	24					
	15	1015.3	—	12.0	1.8	11.4	79	5.3	14	48	108	100	95	0	0	0	0	4	5	6	40	91	112	107	1	32	135	169	28	18	31	24	61	32	66	73	32					
	21	1015.4	—	9.8	0.9	11.0	88	5.0	35	64	68	87	108	3	0	0	2	4	3	4	31	92	105	124	0	32	116	153	64	25	26	21	38	43	62	54	32					
2 ENGLAND NE																																										
Acklington [Northumberland]																																										
46	3	1014.9	—	6.9	0.6	9.5	91	5.3	42	56	40	75	147	5	0	3	2	8	14	46	71	88	84	49	1	12	65	248	39	41	20	11	11	41	49	127	26					
	9	1015.2	+2.2	9.2	1.3	10.0	83	5.9	10	39	55	162	98	1	0	0	2	3	15	41	83	89	70	62	0	20	101	226	18	53	22	24	26	51	48	100	23					
	15	1014.8	—	11.0	2.0	10.4	77	5.7	7	43	78	149	88	0	0	0	1	4	7	34	61	118	70	70	1	20	154	185	5	32	43	40	49	44	92	98						
	21	1015.4	—	8.0	0.8	9.9	89	5.3	28	64	48	102	121	2	0	1	2	6	23	41	81	102	79	30	0	14	72	237	42	39	17	20	19	49	48	22	18					
Tynemouth [Northumberland]																																										
40	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
	9	1015.6	+2.2	9.2	1.1	10.3	86	6.0	18	23	71	132	116	5	0	4	1	6	26	54	109	95	70	0	3	27	159	152	24	49	16	26	22	56	44	112	16					
	15	1015.2	—	10.7	1.5	10.8	82	6.0	12	23	84	134	110	2	0	2	0	4	19	33	101	107	98	1	5	28	178	141	13	46	29	31	50	57	27	101						
	21	1015.7	—	9.4	1.0	10.6	86	5.4	46	38	59	84	137	1	0	1	0	3	8	39	90	147	77	0	4	24	169	143	35	43	9	25	18	87	37	101						
Seahouses [Northumberland]																																										
12	3	1014.7	—	8.0	1.0	9.5	86	5.2	32	64	59	75	133	2	0	1	1	5	3	20	94	104	100	37	6	28	89	229	13	29	27	22	16	80	50	116	12					
	9	1015.0	—	9.3	1.4	9.9	82	5.6	12	49	70	139	92	3	1	2	1	2	8	26	88	80	83	74	7	31	101	218	10	37	40	28	18	74	32	107						
	15	1014.7	—	10.9	1.9	10.4	77	5.6	7	48	94	114	101	1	1	0	0	7	7	22	92	63	99	74	8	31	122	200	4	43	44	43	41	51	39	89						
	21	1015.0	—	8.8	1.1	9.9	85	4.9	30	82	62	63	125	3	0	0	1	8	4	22	90	97	103	40	4	29	96	230	6	31	32	22	21	53	96	8						
Leeming [Yorkshire N.R.]																																										
33	3	1015.8	—	7.4	0.8	9.5	88	5.3	48	48	41	73	138	17	1	14	7	21	30	42	64	61	67	58	0	9	65	236	55	61	11	9	19	85	43	51						
	9	1016.2	+2.1	9.2	1.5	9.9	82	6.0	9	43	47	146	101	19	0	14	3	13	18	37	96	56	53	75	0	6	86	252	21	64	23	13	19	108	30	59						
	15	1015.6	—	12.3	2.8	10.2	70	5.9	7	49	47	164	96	2	0	3	1	6	16	18	88	70	63	100	0	11	145	204	5	43	47	21	30	80	35	83						
	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—						
Kilnsea [Yorkshire E.R.]																																										
16	3	1015.9	—	8.3	0.6	10.3	90	5.2	44	51	68	54	142	6	3	4	4	3	14	24	113	200	0	0	6	44	183	111	21	34	28	37	24	47	51	83						
	9	1016.3	+2.1	9.3	1.1	10.5	86	5.8	8	32	102	106	107	10	1	5	5	2	27	42	120	163	0	0	7	45	183	115	15	42	36	48	17	39	57	84						
	15	1016.0	—	10.8	1.6	10.8	81	5.7	13	22	109	114	103	4	0	1	0	4	5	12	33	123	187	0	0	9	45	196	98	9												

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												8 or more (kt)	6, 7	4, 5	1, 3	0								
Number of Observations																																					
3 ENGLAND E – continued																																					
Wattisham [Suffolk]																																					
91	3	1016.5	–	7.2	0.5	9.9	93	5.1	59	50	44	64	133	15	0	14	12	16	27	92	113	67	23	1	0	6	78	266	15	47	41	33	17	48	63	63	38
	9	1017.1	–	9.4	1.3	10.3	85	5.7	22	47	46	133	107	10	1	12	2	10	20	62	113	85	56	4	0	4	121	233	7	52	44	35	21	41	59	66	40
	15	1016.4	–	12.0	2.6	10.3	72	5.9	10	48	49	167	85	6	0	5	1	3	4	36	98	120	78	20	0	5	157	196	7	51	43	39	30	53	47	67	28
	21	1017.1	–	8.6	1.0	10.1	87	5.2	44	54	56	85	116	10	0	10	0	8	14	52	156	76	46	3	0	2	88	270	5	41	51	42	28	67	55	42	3
Wyton [Huntingdonshire]																																					
43	3	1016.5	–	7.6	0.7	9.9	91	5.4	55	39	40	76	141	14	0	11	9	14	32	72	120	86	21	0	0	1	56	278	30	45	35	22	19	49	80	48	37
	9	1017.2	–	9.4	1.3	10.3	84	6.0	12	38	55	133	116	11	1	7	6	9	18	62	127	99	31	5	0	3	97	248	17	46	48	32	16	49	82	40	35
	15	1016.4	–	12.7	2.8	10.5	70	6.1	3	36	54	168	98	6	0	6	0	3	6	23	123	114	73	17	0	2	138	213	12	42	49	28	23	49	73	54	35
	21	1017.1	–	9.3	1.2	10.3	84	5.1	41	59	53	82	124	6	0	5	3	10	13	42	131	124	34	3	0	1	70	274	20	46	42	26	50	79	35	25	
Cardington [Bedfordshire]																																					
29	3	1016.7	–	6.9	0.3	9.8	95	5.1	74	38	33	53	162	5	0	10	7	16	46	59	141	72	14	0	0	2	63	279	21	56	39	23	17	42	107	45	15
	9	1017.3	+2.0	9.5	1.2	10.6	86	5.7	18	50	51	119	119	8	0	8	3	7	23	49	145	97	32	1	0	3	86	267	9	46	62	27	17	39	94	52	19
	15	1016.5	–	12.9	2.8	10.7	71	5.9	7	44	63	142	106	3	0	3	1	1	9	12	130	126	80	3	0	1	121	239	4	50	51	28	20	46	85	64	17
	21	1017.2	–	8.9	0.9	10.4	88	5.0	58	50	46	82	129	0	0	1	2	4	22	56	147	106	27	0	0	1	75	280	9	36	60	32	27	56	89	43	13
Shoeburyness [Essex]																																					
5	9	1017.2	+1.4	10.5	1.4	11.0	83	5.8	14	49	56	132	106	8	1	7	2	5	31	57	128	71	48	15	0	7	123	225	10	55	35	40	17	42	70	64	32
	15	1016.6	–	12.5	2.2	11.3	75	5.5	22	56	48	141	95	3	0	3	0	2	12	43	125	88	46	46	0	6	175	179	5	25	34	87	25	40	69	48	32
	21	1017.1	–	9.8	1.1	10.9	86	4.8	57	55	59	72	116	6	0	5	1	8	21	55	127	70	51	27	0	14	124	221	6	46	48	38	25	42	80	43	37
Walton-on-Naze [Essex]																																					
8	3	1016.7	–	8.8	0.8	10.5	89	5.0	76	35	55	31	158	10	1	4	5	5	19	30	136	165	0	0	0	13	108	213	31	28	37	28	22	30	47	74	68
	9	1017.3	–	10.4	1.5	10.8	83	5.7	19	39	71	92	130	14	3	5	5	7	16	44	139	146	0	0	0	16	131	194	24	25	47	42	14	29	59	68	57
	15	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	21	1017.2	–	9.9	1.1	10.8	85	4.6	65	62	58	48	127	5	0	1	1	8	18	27	146	163	0	1	1	12	137	189	26	25	59	44	17	33	63	56	42
4 MIDLAND COUNTIES																																					
Huddersfield Oaks [Yorkshire W.R.]																																					
235	3	1015.9	–	6.4	0.9	8.7	87	6.0	35	15	62	77	169	7	3	16	15	21	16	61	86	99	48	0	3	9	77	211	65	39	26	12	15	22	41	105	40
	9	1016.5	+2.2	8.6	1.2	9.9	85	6.0	17	34	51	118	137	8	3	14	8	32	22	25	93	98	70	0	0	10	71	224	60	24	53	26	10	9	64	92	27
	15	1016.1	–	11.1	2.2	10.1	75	6.1	11	22	66	123	142	1	1	1	4	12	12	28	78	123	104	2	0	13	101	220	31	21	40	42	16	24	54	103	34
	21	1016.4	–	8.1	1.0	9.7	87	5.3	42	45	61	68	147	2	2	3	4	11	7	31	97	126	84	0	1	11	77	192	84	25	31	18	16	14	53	98	26
Watnall [Nottinghamshire]																																					
119	3	1016.4	–	7.1	0.5	9.7	93	5.4	58	36	45	68	147	11	1	7	5	17	59	42	150	77	7	0	0	2	61	260	42	36	52	15	19	31	82	58	30
	9	1016.9	+2.0	9.1	1.2	10.3	86	5.9	13	45	55	119	123	10	2	9	8	13	54	73	115	74	15	2	0	0	104	241	20	33	57	37	16	34	97	55	16
	15	1016.1	–	12.1	2.5	10.6	73	5.9	9	40	60	150	102	4	0	5	1	3	21	37	106	111	65	16	0	2	122	227	14	23	50	40	14	52	79	66	27
	21	1016.8	–	8.8	1.0	10.2	87	5.1	47	55	47	92	122	2	0	1	3	10	51	58	152	77	12	1	0	1	70	264	30	28	55	41	18	40	66	57	30
Finningley [Nottinghamshire]																																					
14	3	1016.0	–	7.6	0.7	9.9	91	5.2	61	39	45	64	142	14	3	7	8	12	29	52	127	69	38	20	0	2	48	254	61	61	18	11	15	66	50	40	43
	9	1016.5	+2.2	9.6	1.3	10.4	84	5.9	11	46	50	134	116	8	2	6	4	16	23	58	117	94	43	2	0	1	86	257	21	58	33	18	21	66	60	46	42
	15	1015.8	–	12.8	2.7	10.7	71	6.1	8	33	52	166	102	4	0	3	0	5	19	26	105	113	77	17	0	3	128	222	12	45	32	34	30	55	54	61	42
	21	1016.4	–	9.3	1.1	10.4	85	5.3	41	46	52	103	119	4	1	4	2	6	23	36	147	90	51	5	0	1	54	274	36	39	23	40	37	51	52	47	40
Wittering [Northamptonshire]																																					
67	3	1016.3	–	7.4	0.7	9.7	91	5.0	72	42	33	77	130	11	0	8	8	18	27	75	119	84	23	3	0	3	86	268	8	51	32	27	19	39	66	83	40
	9	1016.9	+1.8	9.4	1.4	10.2	84	5.8	11	51	55	120	119	9	1	11	2	13	27	50	85	108	54	14	0	4	122	237	2	43	52	28	21	42	73	64	40
	15	1016.1	–	12.5	2.8	10.3	70	5.8	8	48	68	135	100	6	0	5	1	4	7	29	67	110	86	56	0	2	176	186	1	34	59	26	27	43	68	73	34
	21	1016.8	–	9.0	1.2	10.1	85	5.0	53	47	58	93	110	4	0	4	3	13	16	49	117	110	45	8	0	3	91	263	8	40	50	39	24	50	61	62	31
Edgbaston [Warwickshire]																																					
165	9	1017.1	+1.9	9.0	1.3	10.0	84	5.9	22	30	56	125	125	7	0	2	12	7	29	56	136	81	37	5	0	4	78	259	24	40	42	32	20	77	61	38	31
	15	1016.3	–	12.0	2.7	10.0	70	6.1	7	31	66	151	106	4	0	1	4	3	15	25	134	117	51	15	0	5	109	235	16	36	41	28	33	56	71	46	38
	21	1016.9	–	9.7	1.5	10.2	81	5.3	31	55	56	105	114	4	0	1	2	3	17	37	143	115	42	5	0	3	71	266	25	44	32	47	21	60	59	48	29
Elmdon [Warwickshire]																																					
100	3	1016.5	–	6.9	0.6	9.5	91	5.5	42	43	39	99	128	14	2	11	6	12	23	64	111	95	33	8	0	1	59	246	59	35	34	18	28	63	66	29	33
	9	1017.0	+1.9	9.2	1.3	10.1	83	5.9	11	51	44	145	102	12	0	3	4	10	21	64	121	120	16	6	0	3	104	242	16	45	42	36	31	58	64	35	38
	15	1016.2	–	12.3	2.8	10.2	70	6.0	5	42	63	153	97	5	0	1	0	5	3	34	83	176	43	12	0	6	138	214	7	27	45	34	34	71	61	46	40
	21	1016.9	–	9.0	1.2	10.0	84	5.2	38	66	44	91	121	5	3	3	2	3	23	62	151	106	12	0	0	2	75	246	42	28	46	35	23	59	57	37	38
Brize Norton [Oxfordshire]																																					
84	3	1016.8	–	7.4	0.8	9.6</																															

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	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)												
																									8 or more												
																									34 or more	22-33	16-21	11-21	6-7	4, 5	1-3	calm	0	N	NE	E	SE
Number of Observations																																					
5 ENGLAND SE																																					
Heathrow [Greater London]																																					
26	3	1016.9	-	8.4	0.8	10.2	88	5.1	59	57	32	85	125	7	1	5	7	4	15	58	141	94	39	1	0	2	54	279	30	59	45	20	15	52	63	57	24
	9	1017.4	+1.7	10.2	1.6	10.4	81	5.4	18	71	46	119	102	9	0	8	4	6	13	61	128	84	54	7	0	2	94	262	7	48	59	35	20	53	63	56	24
	15	1016.6	-	13.7	3.4	10.5	66	5.6	5	68	49	153	88	2	0	3	0	2	5	17	103	138	74	23	0	0	136	226	3	42	46	36	20	53	74	55	86
	21	1017.2	-	10.6	1.7	10.5	80	4.9	37	79	48	99	100	2	0	2	1	1	11	46	148	112	44	0	0	0	80	276	9	33	46	49	25	67	71	41	24
Kew [Greater London] ¹³																																					
10	3	1016.8	-	7.8	0.8	9.9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	9	1017.4	+1.7	10.4	1.9	10.3	79	5.5	24	66	40	108	118	9	0	7	5	5	21	30	142	69	83	3	0	0	48	271	46	42	54	37	10	33	95	28	20
	15	1016.6	-	13.3	3.6	10.2	65	5.7	11	50	58	139	104	3	0	2	0	4	7	7	111	103	111	20	0	0	80	265	20	43	41	39	13	58	82	44	25
	21	1017.3	-	9.8	1.7	10.2	81	4.7	57	67	44	83	111	3	2	12	1	7	24	22	126	113	55	3	0	0	41	284	40	31	38	55	20	52	76	31	22
Gatwick [Surrey]																																					
59	3	1017.1	-	6.8	0.4	9.7	93	5.2	67	39	33	73	138	15	4	21	21	24	27	78	114	63	13	0	0	5	44	206	110	32	39	23	9	28	74	30	20
	9	1017.6	-	9.7	1.3	10.6	84	5.5	18	58	55	123	104	7	0	10	4	7	21	62	132	75	45	9	0	2	84	236	43	41	50	50	6	34	74	43	24
	15	1016.8	-	13.1	2.9	10.8	70	5.6	10	57	60	146	87	5	0	1	2	2	9	26	120	106	77	22	0	5	134	220	6	39	49	47	17	39	98	35	35
	21	1017.6	-	8.9	1.0	10.4	87	5.0	44	65	44	104	102	6	1	7	7	10	18	74	126	95	25	2	0	2	45	263	55	21	53	35	16	36	91	32	26
Dungeness [Kent]																																					
7	3	1016.8	-	9.0	0.6	11.0	92	4.5	96	44	44	30	134	17	4	4	0	15	4	19	114	65	98	42	1	31	126	185	22	45	36	45	12	35	39	88	43
	9	1017.4	-	10.5	1.1	11.5	87	5.4	31	50	57	99	119	9	0	3	1	15	4	14	117	98	108	5	2	34	149	159	21	37	49	45	18	45	51	62	37
	15	1017.0	-	12.3	1.8	11.8	80	5.1	44	47	64	98	108	4	0	2	0	6	2	6	88	114	135	12	2	36	185	136	6	36	48	63	11	40	91	58	12
	21	1017.3	-	10.2	0.9	11.6	89	4.3	105	45	40	54	116	5	0	1	2	6	1	14	91	78	128	44	3	28	139	181	14	31	57	56	14	37	51	82	23
Manston [Kent]																																					
45	3	1016.9	-	8.5	0.7	10.4	91	5.1	52	56	38	92	120	7	2	6	4	8	17	36	110	90	72	20	0	12	113	222	18	43	41	30	18	54	73	58	30
	9	1017.4	-	10.3	1.3	11.0	84	5.6	19	50	60	129	98	9	0	10	0	6	15	51	113	63	62	45	0	15	135	209	6	56	46	28	26	46	70	54	33
	15	1016.9	-	12.2	2.2	11.1	76	5.3	21	63	57	139	82	3	1	2	0	2	9	32	111	81	79	48	0	14	166	178	7	40	62	38	26	53	68	40	31
	21	1017.4	-	9.4	1.0	10.7	87	5.0	42	66	41	117	92	7	0	5	4	6	14	28	102	79	96	31	0	11	137	203	14	23	67	39	24	62	79	31	26
Thorney Island [Sussex]																																					
4	3	1017.0	-	8.6	0.8	10.4	89	4.6	77	49	46	66	122	5	0	9	3	13	13	38	124	94	69	2	0	7	98	248	12	61	63	35	5	23	59	67	40
	9	1017.7	+1.7	10.4	1.4	11.0	83	5.2	23	71	53	130	86	2	0	3	3	3	13	42	110	67	94	30	0	6	132	216	11	53	59	49	17	44	42	62	28
	15	1017.0	-	12.9	2.4	11.4	74	5.3	13	64	67	141	78	2	0	1	2	3	3	21	103	79	109	44	0	13	169	182	1	31	45	24	37	87	71	46	23
	21	1017.5	-	10.0	1.1	11.0	86	4.6	60	68	49	78	108	2	0	3	2	7	22	31	114	102	79	5	0	10	94	244	17	41	68	38	14	33	61	62	31
Abingdon [Berkshire]																																					
71	3	1016.8	-	7.3	0.6	9.8	91	5.1	69	46	30	62	149	9	1	12	5	19	23	49	92	118	44	2	0	0	40	300	25	65	49	40	19	35	56	41	35
	9	1017.3	+1.7	9.6	1.5	10.3	83	5.7	17	54	48	118	119	9	0	9	4	14	18	41	126	91	52	10	0	1	74	281	9	48	51	43	30	51	55	51	27
	15	1016.4	-	12.9	3.0	10.4	68	5.8	6	52	66	131	106	4	0	5	0	2	9	15	95	120	98	21	0	0	106	254	5	44	46	34	27	55	64	55	35
	21	1017.2	-	9.5	1.3	10.4	84	5.0	43	69	47	87	116	3	0	1	2	7	10	40	124	114	57	10	0	0	46	304	15	49	52	40	31	49	62	40	27
Hurn [Hampshire]																																					
14	3	1016.9	-	7.5	0.6	9.9	90	4.8	83	38	33	74	122	15	0	9	12	11	17	56	80	131	49	0	0	1	54	208	102	54	35	20	4	37	48	42	23
	9	1017.5	+1.6	10.1	1.5	10.7	82	5.4	25	56	57	126	93	8	0	7	6	10	14	47	137	65	65	14	0	4	87	235	39	54	58	33	15	48	51	45	22
	15	1016.8	-	13.4	2.9	11.0	70	5.4	12	60	75	133	84	1	0	0	2	0	4	36	114	90	100	19	0	4	146	209	6	42	39	28	27	89	69	35	30
	21	1017.4	-	9.5	1.2	10.5	85	4.5	70	63	44	83	100	5	0	2	6	4	14	57	122	105	51	4	0	3	59	233	70	33	41	28	18	31	63	51	30
South Farnborough [Hampshire]																																					
70	3	1016.9	-	7.5	0.6	9.9	91	5.1	69	46	32	67	142	9	0	5	5	16	21	36	130	101	43	8	0	0	47	224	94	38	19	32	17	42	53	57	13
	9	1017.5	+1.6	9.9	1.4	10.6	83	5.4	20	66	48	120	98	13	0	9	5	4	10	38	104	74	57	64	0	0	73	269	23	45	44	45	25	53	49	48	33
	15	1016.6	-	13.3	3.0	10.7	69	5.7	7	63	50	154	87	4	0	1	3	1	6	11	86	83	96	78	0	0	119	238	8	47	45	37	22	62	57	53	34
Lyneham [Wiltshire]																																					
149	3	1016.9	-	7.4	0.5	9.9	92	5.4	47	50	37	76	141	14	0	15	6	14	22	49	130	80	46	3	0	4	77	264	20	36	56	23	16	66	88	39	21
	9	1017.4	+1.7	9.0	1.0	10.4	87	5.8	12	60	42	123	115	13	0	17	6	11	25	38	103	87	56	22	0	3	121	233	8	40	66	29	20	63	71	50	18
	15	1016.5	-	12.2	2.4	10.8	74	5.8	5	51	61	141	104	3	0	3	1	9	28	14	87	111	79	53	0	3	156	195	11	40	52	28	21	51	62	67	33
	21	1017.2	-	9.3	1.2	10.4	85	5.2	31	65	59	94	112	4	0	3	2	3	14	34	125	107	62	15	0	3	87	262	13	31	62	33	17	62	84	41	22
Boscombe Down [Wiltshire]																																					
128	3	1016.8	-	7.2	0.4	10.0	94	5.1	81	34	29	66	137	18	1	13	13	10	15	71	96	129	17	0	0	6	103	195	61	36	28	64	17	38	41	52	28
	9	1017.3	+1.4	9.4	1.2	10.5	85	5.8	16	45	53	136	99	16	0	14	9	8	15	49	118	88	47	17	0	8	142	185	30	33	38	62	33	39	45	47	38
	15	1016.4	-	12.7	2.7	10.6	71	5.8	7	45	63	153	95	2	0	1	1	2	4	14	99	125	80	39	0	7	175	174	9	37	43	49	24	56	51	58	38
	21	1017.2	-	9.0	1.0	10.4	87	4.9	50	60	60	84	103	8	0	5	5	9	9	60	119	116	40	2													

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	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	beaufort force					N	NE	E	SE	S	SW	W	NW
																										8 or more	6-7	4, 5	1-3	calm								
																										34 or more	22-33	11-21	1-10	0								
																										speed (kt)												
Number of Observations																																						
7b NORTH WALES																																						
Valley [Anglesey]																																						
11	3	1015.7	-	9.3	0.9	10.6	88	5.5	37	52	51	83	137	5	0	2	3	8	4	16	91	116	102	23	9	54	136	127	39	41	42	35	21	71	53	42	21	
	9	1016.2	+2.2	10.7	1.3	11.1	83	5.8	9	49	64	136	104	3	0	0	1	5	4	15	96	101	102	41	6	56	164	116	23	37	40	37	12	83	59	46	28	
	15	1015.8	-	12.4	2.1	11.2	76	5.6	7	60	67	136	95	0	0	0	0	2	0	12	60	120	97	74	7	61	180	109	8	38	45	13	12	85	89	40	35	
	21	1016.0	-	10.1	1.0	11.1	87	5.5	18	57	62	105	121	2	0	0	1	3	3	29	90	112	92	35	7	47	138	141	32	44	48	32	22	76	59	35	17	
8a SOUTH WALES																																						
Aberporth [Cardiganshire]																																						
134	3	1016.1	-	8.8	0.9	10.3	88	5.0	53	60	40	80	124	8	1	4	3	3	12	30	110	120	51	31	0	27	169	151	18	29	26	34	49	101	38	39	31	
	9	1016.5	+1.9	9.9	1.3	10.6	84	5.8	12	50	49	150	98	6	1	3	2	8	12	21	109	125	49	35	0	28	170	154	13	42	29	30	38	103	33	48	29	
	15	1016.0	-	11.3	1.8	10.8	79	5.7	11	61	45	146	101	1	0	1	0	4	6	12	88	135	61	58	4	35	158	159	9	47	25	16	28	59	47	69	65	
	21	1016.4	-	9.6	1.1	10.6	86	5.1	29	80	40	105	106	5	1	3	1	1	14	22	106	119	61	37	0	32	144	158	31	30	33	27	39	84	49	38	34	
Milford Haven Conservancy Board [Pembrokeshire]																																						
39	3	1016.5	-	9.9	0.9	11.1	88	4.8	80	30	63	38	151	3	0	0	3	2	5	10	180	127	38	0	0	9	109	191	56	47	38	45	21	30	49	44	35	
	9	1016.9	+2.0	10.9	1.3	11.4	84	5.5	35	26	85	89	125	5	0	2	0	4	4	19	202	111	23	0	0	7	139	173	46	33	37	64	25	31	62	38	29	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	1016.6	-	10.7	1.1	11.4	86	5.1	64	29	74	57	138	3	1	0	1	1	5	11	175	148	23	0	0	14	98	204	49	66	31	31	29	25	60	46	28	
Brynamman [Carmarthenshire]																																						
-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	-	-	9.2	0.9	10.7	88	5.6	31	52	31	112	132	7	0	2	3	3	33	58	199	58	8	1	0	2	27	249	87	13	73	10	31	17	37	55	42	
Mumbles [Glamorgan]																																						
37	3	1016.2	-	9.9	1.1	10.9	86	5.3	46	45	58	68	142	6	0	1	1	7	2	8	71	131	119	25	2	30	138	170	25	58	33	83	5	24	48	68	21	
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	1016.2	-	12.3	1.9	11.5	78	5.7	17	46	71	112	117	2	0	0	1	1	17	22	147	89	68	20	1	35	164	153	12	28	14	54	17	38	96	85	21	
	21	1016.5	-	10.8	1.3	11.2	83	5.4	40	49	47	83	142	4	0	1	1	4	7	13	99	133	81	26	1	36	129	171	28	54	26	52	13	24	64	77	27	
8b ENGLAND SW																																						
Yeovilton [Somerset]																																						
23	3	1017.2	-	7.8	0.8	9.9	89	4.9	79	35	51	52	136	12	5	12	4	13	24	83	191	33	0	0	0	7	66	150	142	29	27	27	20	40	34	33	13	
	9	1017.5	-	10.0	1.4	10.6	82	5.7	22	46	48	121	117	11	1	12	0	8	25	70	141	99	9	0	1	8	114	153	89	27	42	30	34	52	34	45	12	
	15	1016.8	-	13.6	3.0	11.0	69	5.6	8	39	88	135	95	0	0	0	0	1	7	48	140	115	54	0	0	12	184	150	19	29	46	35	31	70	42	51	42	
	21	1017.3	-	9.9	1.4	10.6	83	4.8	56	57	60	63	126	3	1	3	0	6	22	64	170	92	7	0	0	9	75	178	103	28	27	26	21	53	40	43	24	
Portland Bill [Dorset]																																						
54	3	1016.7	-	9.8	0.7	11.5	91	4.7	79	44	49	54	132	7	0	5	0	5	10	16	177	97	53	2	3	39	162	151	10	51	48	68	15	25	30	71	47	
	9	1017.3	-	10.9	1.1	11.7	87	5.4	22	60	52	113	113	5	0	3	1	6	20	40	152	73	69	1	2	35	185	133	10	32	45	77	21	35	42	63	40	
	15	1016.7	-	12.3	1.6	12.1	82	5.2	26	58	78	108	89	6	0	2	1	6	25	42	128	88	71	2	1	43	156	158	7	19	33	52	38	33	60	83	40	
	21	1017.1	-	10.4	0.8	11.7	89	4.5	68	64	55	52	117	9	0	4	2	9	13	22	169	99	47	0	3	38	160	142	22	47	41	50	31	24	32	77	41	
Mount Batten [Devon]																																						
30	3	1017.0	-	9.4	0.7	11.1	91	4.9	60	52	44	87	113	9	1	3	5	4	8	20	108	168	46	2	1	10	93	213	48	38	34	83	14	33	31	67	17	
	9	1017.4	+1.5	10.9	1.2	11.6	85	5.5	12	64	50	137	100	2	0	4	1	1	10	39	137	96	56	21	2	10	118	202	33	33	24	90	13	42	52	47	31	
	15	1016.8	-	13.0	2.0	11.9	77	5.5	14	46	80	143	82	0	0	0	0	0	8	24	103	113	68	49	0	16	170	172	7	35	19	65	21	46	105	42	25	
	21	1017.4	-	10.5	1.0	11.5	87	4.8	40	79	48	89	109	0	0	0	0	0	8	37	137	121	38	24	1	13	102	209	40	48	38	62	17	28	44	63	25	
Chivenor [Devon]																																						
7	3	1016.7	-	9.2	0.9	10.6	87	5.1	58	45	40	91	125	6	2	2	1	3	4	39	102	120	76	18	0	10	73	231	51	17	16	134	32	25	22	42	26	
	9	1017.1	+1.7	10.9	1.5	11.0	81	5.7	9	50	62	164	78	2	0	2	1	3	5	31	80	97	102	44	0	3	116	216	30	10	17	98	58	36	28	49	29	
	15	1016.5	-	13.5	2.7	11.3	72	5.4	11	57	75	138	84	0	0	0	0	0	1	19	65	108	117	55	0	14	169	169	13	37	29	39	51	25	42	91	38	
	21	1017.1	-	10.5	1.3	11.1	84	5.4	26	49	63	126	100	1	0	0	1	4	5	22	101	120	81	31	0	7	84	209	65	26	21	83	30	27	39	54	20	
Exeter [Devon]																																						
38	3	1017.0	-	8.1	0.6	10.3	91	5.3	55	52	26	76	138	18	2	22	8	13	15	22	87	99	71	26	0	4	55	216	90	39	46	22	32	45	19	36	36	
	9	1017.4	+1.6	10.3	1.3	11.1	85	5.7	12	62	44	129	111	7	0	10	5	1	11	28	100	81	65	64	0	8	112	201	44	43	57	24	26	70	18	36	47	
	15	1016.7	-	13.5	2.6	11.6	73	5.6	12	54	62	153	84	0	0	0	0	1	1	13	93	83	84	90	0	15	177	162	11	40	41	11	61	86	21	54	40	
	21	1017.4	-	9.8	1.1	10.9	87	4.9	45	81	33	82	120	4	0	6	2	3	8	20	105	101	68	52	1	5	74	225	60	23	50	19	47	57	22	49	38	
Scilly [Cornwall]																																						
61	3	1016.9	-	10.8	0.9	11.8	88	4.7	53	66	69	57	110	10	0	2	4	4	8	18	81	95	108	45	0	32	114	171	48	43	35	45	20	40	50	50	34	
	9	1017.3	+1.8	11.6	1.2	12.0	85	5.4	19	46	80	127	82	11	0	2	2	9	11	23	104	87	91	36	1	24	133	169	38	41	35	60	19	39	56	48	29	
	15	1017.1	-	12.6	1.6	12.2	81	5.3	22	42	101	100	92	8	0	0	3	5	16	25	110	90	87	29	1	24	150	163	27	37	43	50	17	43	53	60	35	
	21	1017.4	-	11.0	1.0	11.8	87	4.7	30	80	83	68	94	10	0	4	3	5	4	22	104	100	92	31	1	26	129	168	41	33	52	41	17	35	49	59	38	
St Mawgan [Cornwall]																																						
107	3	1016.9	-	9.5	0.8	11.0	90	5.1	52	47																												

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	34 kt or more (gale force)		22 – 33 kt		11-21kt	4-10 kt	less than 4 kt	no record	highest hourly wind			highest gust							
					no. of days	duration (hrs)	no. of days	duration in hours				veer from N	speed (kt)	hour ended at day hour		veer from N	speed (kt)	day and time					
4	MIDLAND COUNTIES — continued																						
Stafford	Keele	215	15	10	0	0	2	3	1090	4721	2946	0	5.7	340	23	21 Nov 15	250	47	20 Dec	2310			
Worcester	Pershore	47	10	10	0	0	21	85	2531	4497	1647	0	8.2	200	27	13 Feb 02	310	47	21 Nov	0935			
Gloucester	Avonmouth	28	19	10	0	0	45	199	3135	3383	1972	71	8.9	260	32	19 Oct 08	270	51	18 Oct	0435			
	Fairford	88	10	10	0	0	17	41	2270	4387	1917	145	7.8	200	28	22 Nov 04	240	54	19 Dec	1045			
5	ENGLAND SE																						
Greater London	London Weather Centre	93	70	38	0	0	17	60	3164	4933	603	0	9.4	190	30	19 Oct 11	190	52	19 Oct	1050			
	Heathrow	34	10	10	0	0	12	41	2089	5820	810	0	8.0	230	27	25 Jan 24	240	46	25 Jan	2350			
	Hampton	42	31	30	0	0	10	21	1584	4339	2816	0	6.3	250	28	26 Jan 01	250	47	26 Jan	0100			
	Kew	28	23	15	0	0	3	3	1579	4585	2593	0	6.4	240	23	18 Mar 04	240	48	25 Jan	0125			
Surrey	Gatwick	69	10	10	0	0	16	74	1716	4761	2209	0	7.0	220	28	20 Oct 11	280	56	20 Oct	1350			
Kent	Isle of Grain	15	12	10	Defective record																		
	Dungeness	16	10	10	Defective record																		
	Dover	21	12	19	Defective record																		
	Manston	61	17	17	4	8	61	420	3731	3937	664	0	10.7	200	36	15 Feb 05	190	53	23 Jan	1950			
																	200		15 Feb	0430			
																	220		19 Dec	1340			
Sussex	Thorney Island	16	10	10	0	0	35	183	2919	4401	1257	0	9.1	240	33	25 Jan 23	250	49	25 Jan	2345			
Berkshire	Abingdon	90	12	12	0	0	1	1	1607	4747	2405	0	6.7	210	23	19 Oct 11	200	50	19 Dec	1100			
Hampshire	Hurn	23	13	11	0	0	15	58	2144	4080	2478	0	7.5	210	30	19 Oct 12	240	49	25 Jan	2215			
	Calshot	15	13	10	1	1	37	204	3138	4490	927	0	9.3	220	36	25 Jan 01	230	52	25 Jan	0025			
	R.A.E. Farnborough	75	10		0	0	6	12	1514	4810	2424	0	6.5	180	25	19 Oct 11	180	47	20 Nov	2225			
																	190		19 Dec	1100			
Wiltshire	Larkhill	145	13	10	0	0	37	151	2624	4251	1734	0	8.6	190	30	19 Dec 10	200	69	19 Dec	1100			
	Boscombe Down	130	16	16	1	2	36	193	3427	4018	1120	0	9.5	220	35	19 Oct 11	260	62	19 Dec	1100			
	Porton	120	10	10	2	2	48	256	3171	3858	1464	9	9.4	210	36	25 Jan 01	200	58	25 Jan	0020			
7a	ENGLAND NW																						
Cumberland	Sellafield	25	12	11	0	0	36	172	2441	4297	1835	15	8.1	240	31	24 Jan 12	280	45	13 Feb	0740			
	Carlisle	41	13	9	0	0	27	102	2514	4062	2082	0	7.9	240	28	22 Oct 11	240	46	18 Oct	0600			
	Spadeadam	292	16	15	Defective record																		
Westmorland	Great Dun Fell	857	10	10	78	819	220	2255	3953	1425	291	17	18.9	030	58	31 Jan 10	250	66	24 Jan	1210			
	Moor House	597	15	14	Defective record																		
Lancashire	Squires Gate	26	16	11	4	5	53	335	3472	4320	628	0	10.3	230	35	21 Oct 23	260	50	13 Feb	0300			
	Aigburth	38	23	11	0	0	23	93	2120	4550	1787	210	7.8	220	32	22 Oct 04	270	55	12 Feb	2335			
	Southport	19	14	11	Defective record																		
	Fleetwood	34	15	9	0	0	27	183	2016	3213	3348	0	6.8	310	30	16 Nov 13	270	53	13 Feb	1510			
	Speke	30	10	10	1	2	37	125	2877	4360	1396	0	8.9	250	34	22 Oct 06	270	52	13 Feb	0720			
	Manchester Weather Centre	82	45	17	0	0	15	49	2455	4955	1301	0	8.3	230	28	28 Aug 12	250	48	12 Feb	2225			
Cheshire	Ringway	80	10	10	0	0	7	12	2109	4753	1886	0	7.5	170	24	18 Jan 20	230	37	24 Jan	0935			
																	160		13 Feb	0145			
7b	NORTH WALES																						
Anglesey	Valley	26	16	12	31	202	140	1388	3642	2673	855	0	13.7	170	48	18 Jan 16	210	65	17 Oct	2345			
Merioneth	Trawsfynydd	194	10	10	1	2	32	168	2321	4521	1653	95	8.3	210	34	7 Jan 08	210	56	7 Jan	1015			
8a	SOUTH WALES																						
Cardigan	R.A.E. Aberporth	144	10	10	7	16	88	697	3897	3220	930	0	11.6	310	38	8 Nov 16	310	54	16 Feb	1050			
																	210		18 Oct	0020			
																	320		8 Nov	1530			
Pembroke	Milford Haven Conservancy Board	47	10	10	0	0	42	231	3435	3605	1460	29	9.6	130	33	20 Jan 20	130	58	20 Jan	1945			
Glamorgan	Port Talbot	28	12	11	0	0	38	172	2542	3882	1900	264	8.3	280	30	19 Oct 17	070	56	13 Oct	2047			
	Rhoose	77	10	10	0	0	32	149	3233	4105	1273	0	9.2	250	31	25 Jan 22	250	54	18 Oct	0410			
																	18 Oct						
8b	ENGLAND SW																						
Dorset	Portland Bill Coastguard	60	13	13	8	26	98	779	4619	2786	550	0	12.6	240	48	25 Jan 22	240	65	25 Jan	2100			
Devon	Mount Batten	64	13	13	9	19	51	283	3023	4077	1358	0	9.4	250	39	25 Jan 20	230	68	19 Dec	0940			
	Chivenor	22	16	13	1	3	46	218	2757	4604	1178	0	8.9	250	35	25 Jan 20	250	57	25 Jan	1835			
Cornwall	Scilly	70	20	17	7	25	80	742	3332	3131	1502	28	10.8	230	39	25 Jan 18	330	80	8 Nov	0345			
	Lizard	96	23	18	18	73	114	965	4531	2684	433	74	13.4	260	46	25 Jan 19	210	65	21 Jan	Def			
	St. Mawgan	120	13	13	4	9	68	494	3763	3787	707	0	10.9	250	40	25 Jan 19	250	57	20 Nov	1715			
																			25 Jan	1905			
	NORTHERN IRELAND																						
Londonderry	Coleraine University	33	10	10	1	1	30	202	2930	3237	1971	419	8.8	250	34	24 Jan 09	360	57	8 Nov	1100			
Antrim	Aldergrove	80	10	10	0	0	19	67	2889	4636	1168	0	8.8	240	27	24 Jan 10	250	48	12 Feb	1745			
	Ballypatrick Forest	166	13	13	2	2	79	459	4424	2854	968	53	11.4	200	34	9 Jan 15	250	55	24 Jan	0605			
	Belfast Harbour	21	18	18	2	8	74	431	4086	3134	829	272	11.0	020	35	18 Mar 21	240	54	24 Jan	0730			
Down	Kilkeel	35	18	14	2	3	71	367	3389	3391	1441	169	9.9	170	35	19 Dec 05	250	54	21 Dec	0325			
	Orlock Head	51	16	12	12	48	101	677	4270	2926	620	219	12.1	090	44	20 Jan 24	240	64	18 Oct	0405			
	Portadown	26	10	10	Defective record																		
Armagh	Carrigans	129	10	10	0	0	19	82	2465	3329	2768	116	7.3	170	29	9 Jan 14	230	53	24 Jan	0905			
Tyrone	Castle Archdale Forest	80	13	13	0	0	31	93	2289	4031	2263	84	7.4	190	29	7 Jan 06	280	54	13 Feb	1445			
Fermanagh																							
	CHANNEL ISLES							</															

Table 8 Dates on which gusts exceeded 47 knots during 1971

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
0 SCOTLAND N			
Lerwick	Jan 6, 7, 9, 10. Feb 2-4, 13, 14. Mar 1. Apr 16, 18. Oct 15, 18, 20, 22, 23, 24. Nov 2, 3, 7, 8, 11, 15, 16, 18, 19. Dec 6, 7, 13, 15-17, 19-24.	Stansted	Nov 21.
Kirkwall	Jan 20, 30. Feb 2-4, 12-14. Mar 10, 24. Apr 18, 28. July 14, 15. Aug 9. Sept 23. Oct 10, 11, 15, 20, 22. Nov 2-4, 6-9, 13, 15-19, 21, 24. Dec 4, 6, 7, 9, 10, 13, 15, 16, 19-24.	Shoeburyness	Jan 23, 25, 26. Feb 15. Oct 13, 18, 19. Nov 19-22. Dec 19.
Dounreay	Feb 3, 13. Mar 10. Apr 18. July 15. Sept 23. Oct 15, 22. Nov 2, 7, 8, 13, 15-18, 21. Dec 7, 15.	4 MIDLAND COUNTIES	
Wick	Jan 6. Feb 13. Apr 16, 18. July 15. Oct 22. Nov 2, 7, 8, 16. Dec 15, 21.	Sheffield	Feb 12, Oct 21.
Shin	Apr 18. July 15. Oct 21, 22. Nov 2, 16. Dec 15, 20, 21.	Church Fenton	Feb 12, 13. Oct 20. Nov 22.
Stornoway Coastguard		Watnall	Feb 13.
Duirinish	Jan 6-10. Feb 11, 12, 15, 20. Oct 10, 15, 17, 21, 22. Nov 2, 3, 7-9, 16. Dec 12, 15-17, 20, 21, 23, 25.	Cottesmore	Nov 22.
Benbecula	Jan 9, 10, 12. Feb 11-15. Apr 18. Aug 26, 31. Sept 1. Oct 10, 14, 15, 17, 21, 29. Nov 2, 7, 8, 16, 28. Dec 13-16, 19-23.	Wittering	Feb 13. Dec 19.
Corpach	Jan 9, 31. Feb 11-13, 20. Mar 25. Apr 18. Oct 21. Anemograph out of order during November and December.	Elmdon	Jan 24. Oct 19.
Fort Augustus NSHEB	Jan 10. Oct 21. Nov 2. Dec 21.	Avonmouth	Jan 25. Oct 18.
Dalcross	Feb 12. July 15. Nov 2, 16. Dec 15, 16.	Fairford	Dec 19.
Cairngorm	Jan 6-10, 19. Feb 2, 8, 11-15, 19, 20, 22, 23. Mar 9, 11, 12, 13, 23, 24, 25, 27, 28. Apr 17, 18, 19, 23, 24. May 10, 11, 15, 26. July 14, 15. Aug 8, 9, 25, 26, 27, 31. Sept 1-4, 8, 18, 20, 21, 23, 29, 30. Oct 1, 5, 6, 7, 9, 10, 11, 15-23, 28-31. Nov 1-4, 7, 8, 12, 14-16, 26, 27. Dec 3-26. Anemograph affected by icing Jan-May, Nov, Dec.	5 ENGLAND SE	
1 SCOTLAND E		London W/Centre	Oct 18, 19.
Kinloss	Jan 7, 9. Feb 12, 13. Apr 18. July 15. Oct 22. Nov 2, 8, 16, 21. Dec 7, 14-16, 20-21, 24.	Kew	Jan 25.
Lossiemouth	Jan 7, 30, 31. Feb 12, 13. Mar 19. Apr 18. July 15. Sept 1. Oct 10, 21, 22. Nov 2, 8, 9, 16, 18, 21, 22, 24. Dec 7, 14-16, 18, 21.	Gatwick	Jan 23, 25. Feb 15. Oct 18, 19. Dec 19.
Dyce	Jan 7, 9. Feb 13. Mar 10. Apr 16, 28. July 15. Sept 1. Oct 22. Nov 2, 6, 8, 9, 16, 17, 21, 22. Dec 13-16, 19, 21.	Isle of Grain	Defective Jan, Feb, Apr, Aug-Nov
Fraserburgh	Feb 13. Mar 10. Apr 16, 18. July 15. Dec 15, 16, 19, 21. Anemograph out of order during November	Dungeness	Oct 18, 19. Nov 20. Dec 19.
Bell Rock	Jan 9, 10, 21, 24. Feb 2, 12, 13. Mar 18, 19, 20. Apr 18. Aug 31. Sept 1. Nov 2, 8, 15-18, 21, 22. Dec 14, 15, 16, 19, 20, 21, 23.	Dover	Defective record. Anemograph to be replaced.
Rannoch	Oct 22. Dec 21. Defective record	Manston	Jan 23, 25. Feb 15. Oct 19. Nov 22. Dec 19.
Tummel Bridge	Apr 18. July 15. Oct 22. Nov 16. Dec 21.	Thorney Island	Jan 25.
Leuchars	Jan 9, 24. Apr 18. Sept 1. Oct 21, 22. Nov 2. Dec 14.	Abingdon	Dec 19.
Turnhouse	Jan 7-10, 24. Feb 12. Apr 18. Sept 1. Oct 21, 22. Nov 2. Dec 15, 19, 21.	Hurn	Jan 25. Feb 14.
6a SCOTLAND W		Calshot	Jan 25. Feb 15.
Tiree	Jan 5, 6, 7, 9, 23, 30. Feb 11-15, 20. Apr 18. Sept 1. Oct 15 (defective 17-27). Nov 2, 7, 8, 16, 20, 21, 29. Dec 12-15, 19-23.	Larkhill	Jan 23, 25. Feb 15. Mar 17. Oct 19. Nov 21. Dec 19.
Machrihanish	Jan 6, 9, 23, 24. Feb 12, 13, 15. Oct 15, 18, 20. Nov 8, 20. Dec 19-21.	Boscombe Down	Jan 23, 25. Dec 19.
Cumbernauld	Jan 9. Feb 12, 13. Apr 17, 18. Oct 21, 22. Nov 2. Dec 14, 19-21.	Porton	Jan 24, 25. Feb 13-15. Oct 19. Nov 20. Dec 19.
Paisley	Jan 9, 10. Feb 12. Oct 22. Nov 2. Dec 14, 19-21.	7a ENGLAND NW	
Abbotsinch	Jan 24. Feb 12. Oct 22. Dec 14, 21, 24.	Spadeadam	Jan 9, 24, 31. Sept 1. Oct 20, 21, 22. Nov 2, 8, 21. Dec 14, 15, 20, 21. No record February to May
Ardrossan	Jan 24. Feb 13. Mar 18. Nov 7, 8, 15, 16. Dec 19, 21.	Great Dun Fell	Jan 6-10, 18, 24, 25, 31. Feb 11-13. Mar 18, 21. Apr 18, 24. June 11. July 15, 25. Aug 14. Sept 1. Oct 15, 17-22, 30. Nov 2-5, 7-9, 15, 16, 21, 27. Dec 9-16, 18-21, 23-25, 30, 31.
Hunterston	Jan 6-10, 18, 24. Feb 12, 13, 15. Mar 18. Apr 24. June 12. Sept 1. Oct 15, 17, 18, 20, 21. Nov 7, 8, 12, 16, 21. Dec 19, 20, 21.	Moor House	Jan 7-10, 24, 25. Feb 12. Mar 23. Apr 18. July 15. Aug 31. Sept 1. Oct 6, 7, 10, 15, 17, 21, 22. Nov 2, 4, 5, 7, 16, 21. Dec 9, 12, 13, 15, 19, 25.
Prestwick	Jan 7, 9, 24. Feb 13. Oct 17, 18, 20, 22. Nov 2. Dec 20, 21.	Squires Gate	Jan 24. Feb 13. Oct 21.
Eskdalemuir	Jan 9, 10, 24. Feb 3, 12. Mar 25. Apr 18. July 15. Oct 10, 21. Nov 2, 5, 8, 16, 21, 22, 25. Dec 8, 9, 14, 15, 18, 19, 21.	Aigburth	Feb 12, 13. Oct 22.
West Freugh	Jan 9. Feb 13. Nov 8. Dec 19.	Southport	Jan 24. Feb 13. Oct 18, 21, 22.
6b ISLE OF MAN		Fleetwood	Feb 13, 14. Oct 18, 20, 21, 22.
Ronaldsway	Feb 13. Oct 15. Nov 20. Dec 19.	Speke	Feb 12, 13. Oct 22.
Point of Ayre	Jan 9, 24. Feb 13. Nov 9. Dec 19, 21.	Manchester W/Centre	Feb 12.
2 ENGLAND NE		Bidston	Jan 10, 18, 24. Feb 12, 13. Mar 18, 25. Discontinued from September
Durham	Jan 24. Feb 3, 12, 13. Mar 10. July 15. Oct 22. Nov 2, 8, 15, 21. Dec 20, 21.	7b NORTH WALES	
South Shields	Oct 22. Nov 21.	Valley	Jan 6-10, 18, 24, 25. Feb 12-14. Oct 15, 17, 18, 21. Nov 5, 7, 8, 20. Dec 19.
Leeming	Jan 24. Oct 22.	Trawsfynydd	Jan 7-10, 18, 25. Feb 12, 14. Oct 18. Nov 5. Dec 14, 19.
Middlesbrough	Jan 24. Feb 12. July 15. Oct 10, 18, 21, 22. Nov 8, 21, 22. Dec 15, 20, 21.	8a SOUTH WALES	
Cranwell	Oct 18, 19. Nov 22.	Aberporth	Jan 7, 9, 18, 20. Feb 12, 13, 16. Oct 18. Nov 8, 20, 22. Dec 19.
Binbrook	Nov 21.	Milford Haven	Jan 18, 20. Feb 14, 16. Oct 17. Nov 20. Dec 19.
3 ENGLAND E		Port Talbot	Jan 25, 31. Apr 2. Oct 13, 19. Dec 31.
Gorleston	Feb 13. Nov 10, 20-22. Dec 30.	Rhoose	Jan 25. June 19. Oct 18. Dec 19.
Bedford	Dec 19.	8b ENGLAND SW	
Cardington	Nov 21. Dec 19.	Portland Bill Coastguard	Jan 20, 24, 25, 26. Feb 16, 18. Oct 18. Nov 20-22. Dec 19.
		Mount Batten	Jan 7, 20, 21, 23-25. Feb 14. Mar 18. Oct 19. Nov 5. Dec 19.
		Chivenor	Jan 25.
		Scilly	Jan 20-25, 28, 31. Feb 12, 14, 15, 18. Mar 19, 20, 21. June 20. Nov 8-9, 18, 21-22. Dec 29.
		Lizard	Jan 7, 18, 20, 22-25, 28. Feb 14, 15, 18. Mar 17, 19, 20. Nov 20.
		St. Mawgan	Jan 20, 21, 23-25. Feb 14, 18. Nov 21, 22. Dec 19. Dec 19, 31.
		9 NORTHERN IRELAND	
		Ballykelly	Jan 9. Feb 12. Station closed from April
		Coleraine University	Jan 9, 24. Feb 12-14. Oct 19. Nov 8, 21.
		Aldergrove	Feb 12
		Ballypatrick Forest	Jan 6-9, 24. Feb 12-14. Aug 31. Oct 15, 18, 21, 22. Nov 8. Dec 15
		Belfast Harbour	Jan 24. Feb 12. Mar 18. Oct 17. Nov 8. Dec 14, 19-21.
		Kilkeel	Jan 6, 18, 23, 24. Feb 12. Mar 19. Oct 15. Nov 8. Dec 19, 21.
		Orlock Head	Jan 9, 20, 21, 24. Feb 12, 13. Mar 18, 19. Oct 15, 17, 18, 19. Nov 2, 8, 9, 17, 19-22. Dec 14, 19-21.
		Portadown	Defective record
		Carrigans	Jan 9, 24. Feb 12, 13. Dec 14.
		Castle Archdale Forest	Jan 9. Feb 12, 13.
		CHANNEL ISLES	
		Jersey Airport	Jan 21-25.

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during 1971

District and Station	date	maximum hourly wind ^{wind} of 41 kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33 kt on the date in the second column
		hour ended at	direction	speed	time	direction	speed	
0 SCOTLAND N								
Lerwick	2 Nov	11	220	43	1605	270	61	06-16, 18, 19, 21, 22
	15 Dec	24	240	41	2225	240	63	03, 19, 22-24
	21 Dec	06	250	43	0520	250	69	04-07
Kirkwall	22 Oct	12	270	44	0915	260	65	4-14
	2 Nov	13	240	42	1200	240	65	12-22, 24
	8 Nov	09	350	46	0940	360	66	07-24
	16 Nov	08	280	45	0740	290	67	01-15
	7 Dec	08	240	43	0812	250	67	04-11
	16 Dec	02	250	45	1007	250	65	01-04
	21 Dec	04	240	46	0300	250	70	04-06, 08, 11, 15, 17-20
Dounreay	16 Nov	08	300	42	0530	300	44	03, 05, 07-12
Stornoway Airport	9 Jan	16	190	44	1805	190	61	07, 16-24
	10 Jan	01	190	43	0120	190	61	01, 02
	15 Dec	19	230	45	2050	230	66	10, 11, 13-24
	21 Dec	01	220	43	0031	230	66	01-03
Duirinish	9 Jan	17	190	43	1630	190	67	13-24
	15 Dec	21	220	42	1810	220	64	19-23, Defective 01-18
	21 Dec	03	230	46	0230	230	76	01-08
Cairngorm	15 July	10	270	50	0910	270	74	03-16
	31 Aug	20	240	44	2325	230	68	14, 16-24
	1 Sept	01	230	46	0015	230	69	01-18
	6 Oct	16	200	43	2220	200	69	02-05, 09-13, 15-24
	7 Oct	01	210	41	0005	210	60	01, 02
	10 Oct	23	Def	52	1125	Def	83	09-24
	11 Oct	01	Def	50	0525	Def	68	01-14
	15 Oct	08	190	55	0710	190	70	03-16
	17 Oct	20	260	48	1840	260	70	17-24
	21 Oct	24	260	66	2335	260	92	11-24
	22 Oct	01	260	64	0345	270	93	01-17
	23 Oct	11	230	42	1120	230	68	06-20
	30 Oct	23	Def	44	1750	Def	66	09, 16-24
	31 Oct	04	Def	46	0215	Def	63	01-10, 24
Defective Jan-Apr, Nov, Dec. Oct 15-30, directions, also times of gusts and gust speeds were estimated								
1 SCOTLAND E								
Lossiemouth	8 Nov	13	360	46	1125	040	67	09-24
	16 Nov	07	290	42	0635	310	76	07-11, 13
Fraserburgh	15 July	14	310	42	1305	300	60	09-11, 13
Bell Rock	9 Jan	19	220	47	1850	220	60	14-19
	10 Jan	05	230	41	0455	230	65	04-06, 09-11
	13 Feb	04	250	41	0355	250	56	02-08
	19 Mar	11	040	44	1110	040	60	01-24
	22 Oct	06	270	42	0420	270	62	01-07
	8 Nov	14	010	46	1340	010	59	12-17, 19, 21, 23, 24
	15 Nov	09	250	44	1430	260	51	06-22, 24
	16 Nov	15	300	42	0705	280	58	01, 04-18, 22-24
	21 Nov	13	360	42	1740	350	66	06-15, 17-19, 21-24
	15 Dec	23	270	44	2250	270	59	02, 18-24
	20 Dec	23	260	41	2125	260	54	01, 17-24
	21 Dec	07	270	42	0505	270	62	01-10
6a SCOTLAND W								
Tiree	21 Dec	04	240	42	0400	260	61	01-06, 13
Cumbarauld	21 Dec	06	240	42	0610	240	66	01, 02, 05, 06
Hunterston	18 Dec	02	200	44	0150	190	63	02
2 ENGLAND NE								
Middlesbrough	21 Nov	21	350	42	2130	320	69	21
7a ENGLAND NW								
Great Dun Fell	6 Jan	24	220	47	2345	220	57	18-24
	7 Jan	03	230	50	0845	230	64	01-24
	8 Jan	23	220	45	2345	220	60	01, 03, 16-20, 22-24
	9 Jan	13	220	49	2305	220	64	01-06, 08-24
	10 Jan	06	230	49	0550	220	65	01-10
	18 Jan	17	200	41	1640	200	55	03-05, 17-21
	24 Jan	12	240	55	1210	250	66	04, 08-15, 18
	25 Jan	11	230	43	0740	230	53	06-13
	31 Jan	10	030	58	0910	020	65	05-18, 20-23
	12 Feb	21	220	45	2015	220	55	02-04, 09, 11-14, 18-23
	13 Feb	06	230	41	0545	240	53	01, 03-08, 14
	18 Mar	03	080	46	0250	080	52	01-10
	18 Apr	04	230	45	0250	230	54	01-16
	24 Apr	10	080	45	1035	080	55	05, 07-16, 20
	11 June	15	060	45	1410	050	54	07-17
	15 July	15	270	48	1345	270	59	11-17
	14 Aug	04	050	41	0830	050	52	03-20, 22
	1 Sept	01	260	42	1410	260	55	01-05, 07-16
	18 Oct	12	250	43	0620	250	60	01, 04-08, 10-15, 19
	21 Oct	14	230	49	1305	230	60	10-24
	22 Oct	04	240	54	0805	240	62	14-16
	30 Oct	17	210	43	1605	210	54	12-18
	2 Nov	12	210	56	1135	210	64	01-21
	5 Nov	06	210	51	0515	210	63	01-09
	7 Nov	07	220	44	0620	220	52	05-15
	8 Nov	18	350	44	1700	350	55	15-20, 22-24
	15 Nov	21	240	44	2015	240	54	16-24
	16 Nov	05	260	50	0425	260	64	01-15
	21 Nov	08	010	45	0925	360	53	06-17, 20-24

Table 9 (continued)

District and Station	date	maximum hourly wind wind of 41 kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33 kt on the date in the second column
		hour ended at	direction	speed	time	direction	speed	
7a ENGLAND NW — <i>continued</i> Great Dun Fell	9 Dec	11	250	43	1030	260	54	03, 05, 07-18, 20
	10 Dec	07	260	42	0615	260	55	02, 03, 06-15, 18, 19, 24
	11 Dec	09	250	43	0915	250	52	02-16
	12 Dec	24	220	45	2330	220	58	01, 02, 20-24
	13 Dec	02	220	45	0125	220	56	01-15, 17, 18
	14 Dec	19	220	51	1815	210	64	07, 10-12, 15-24
	15 Dec	16	220	50	1605	220	63	01-24
	16 Dec	18	220	46	1735	220	53	01-04, 06, 10-24
	18 Dec	24	200	43	2355	200	57	01-04, 06-12, 21-24
	19 Dec	07	200	47	0710	200	64	01-12, 21-24
	20 Dec	15	230	47	1455	230	61	01-24
	21 Dec	12	250	46	0510	230	61	01-15
	23 Dec	24	230	44	2305	230	52	16-19, 23, 24
	25 Dec	01	210	44	1035	210	54	01-15, 18
	30 Dec	19	050	48	1535	050	56	01-07, 09, 10, 12-24
	31 Dec	07	050	48	0935	050	57	01-10, 15-24
	Moor House	18 Apr	04	240	0205	240	56	01-09
	16 Nov	05	270	43	0415	270	60	03-12
	16 Dec	13	220	43	1215	220	47	12-16
7b NORTH WALES Valley	Defective at times throughout year							
	9 Jan	18	180	43	1720	180	57	11-24
	18 Jan	16	170	48	1525	170	61	12-20
	24 Jan	10	220	41	0835	220	54	03-13, 24
	15 Oct	14	170	42	1325	170	57	07-24
	17 Oct	24	210	46	2345	210	65	07, 08, 10-13, 22-24
	18 Oct	01	240	43	0020	230	57	01-10, 19-23
	20 Nov	16	180	47	1550	180	61	12-19
	19 Dec	05	170	42	0425	170	55	09-24
8b ENGLAND SW Portland Bill Coastguard Lizard NORTHERN IRELAND Orlock Head	25 Jan	22	240	48	2100	240	65	17, 19-24
	25 Jan	19	260	46	1325	240	63	14-22
	19 Dec	09	210	43	0855	240	55	04-11, 13, 15-19
	20 Jan	24	090	44	2330	090	59	21-24
	8 Nov	15	330	43	0320	010	63	10-22

Table 10 Highest and lowest maximum and minimum temperatures during 1971 at each station

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date	District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
0 SCOTLAND N		°C	°C	°C	1 SCOTLAND E	— continued	°C		°C
Hannavae	Sept 7	19.9	July 4	12.8	Mar 10	1.7	Feb 1	— 2.4	
Lerwick	July 8	20.7	July 3	12.3	Jan 31	— 2.1	Feb 1	— 4.8	
(psychrometer)	July 8	21.2	Oct 6	12.3	Jan 31	— 2.3	Feb 1	— 5.3	
Lerwick (screen)	July 8	22.1	July 7, Aug 26	12.3	Nov 17	0.0	Jan 5	— 4.9	
Baltasound	July 8	19.4	Oct 6	12.7	Jan 31	1.6	Nov 18	— 3.7	
Sule Skerry	July 8	23.2	Aug 24	13.0	Nov 17	2.2	Mar 22	(— 3.8)	
Stenness	July 8	22.8	July 11	13.1	Nov 17	0.5	Nov 18	— 5.5	
Kirkwall	Sept 7	25.0	July 2, Aug 26	13.9	Jan 2	3.2	Feb 16	— 3.9	
Dounreay	July 6	23.9	July 11	14.0	Nov 17	0.7	Nov 18	— 5.3	
Wick	July 6	23.6	July 11	13.7	Nov 17	2.7	Feb 16	— 4.1	
John O'Groats	Sept 9	23.9	Sept 9	15.6	Jan 31	(3.0)	Nov 19	— 1.4	
Cape Wrath	July 7	25.9	July 2	14.6	Nov 18, 21	1.6	Feb 17	— 9.9	
Lairg	July 7	24.9	July 2	13.9	Nov 19	1.8	Feb 16	— 6.0	
Strathay	Sept 9	21.9	Oct 1	14.5	Jan 31	1.5	Feb 17	— 5.6	
Stornoway	July 7	24.5	July 3	14.4	Nov 18	2.0	Feb 1	— 3.3	
Balmacara	Sept 9	25.5	Sept 7	15.9	Jan 30	2.9	Feb 1	— 3.9	
Poolawe	Sept 9	25.3	July 8	14.5	Jan 31	2.7	Feb 1	— 1.3	
Rudh Re	Sept 9	25.8	Aug 26	13.2					
Achnashellach	July 7	27.3	July 2	15.6	Jan 30	0.2	Feb 17	— 6.9	
Kinlochewe	—	—	—	—	Jan 31	0.6	Feb 17	— 10.6	
Strathconon	July 7	26.1	July 4	15.0	—	—	Feb 17	— 3.9	
Fortrose	July 8	24.5	July 5, Aug 26	15.0	Nov 17	1.5	Feb 17	— 4.5	
Tarbatness	July 7	22.4	July 29, Oct 1	14.1	Jan 31	2.2	Nov 19	— 3.2	
Benbecula	July 7	25.0	July 8	16.1	Dec 30	0.6	Dec 31	— 3.6	
Isle of Rhum	July 7	23.4	July 3	14.9	Jan 31	1.7	Nov 20	— 2.9	
Prabost	Sept 9	23.3	Sept 8	15.6	Jan 31	2.2	Dec 31	— 2.2	
Duntulm	June 2, July 6	23.9	July 4	(13.9)	Jan 31	1.7	Feb 16	— 6.1	
Onich	—	—	—	—	Dec 30	1.4	Feb 16	— 8.4	
Fort William	—	—	—	—	Feb 16	0.3	Feb 16	— 5.6	
Corrach	July 7	26.6	Oct 6	14.4	Feb 16	1.1	Feb 16	(— 8.3)	
Fort Augustus	—	—	—	—	Feb 16	1.7	Feb 17	— 5.0	
Inverness	July 7	28.9	Aug 25	15.6	Jan 31	1.7	Feb 17	— 8.0	
Coire Cas Shieling	July 7	24.5	July 8	13.8	Nov 18	— 3.8	Nov 18	— 8.6	
Cairngorm	July 7	21.4	July 7	(12.5)	Nov 18	— 6.1	Nov 18	— 10.2	
Glenmore Lodge	July 7	27.4	July 4, Aug 26	15.1	Jan 31	— 1.9	Feb 17	— 10.4	
Moy	July 7	25.8	July 4	13.9	Jan 31	— 1.1	Feb 16	— 9.4	
1 SCOTLAND E									
Nairn	July 7	26.4	July 4	16.6	Jan 31	2.1	Feb 17	— 7.5	
Grantown-on-Spey	July 7	28.5	July 4	14.0	Jan 31	— 1.1	Feb 17	— 11.3	
Forres	July 7	26.3	July 4	17.1	Jan 31	1.7	Feb 16	— 6.1	
Kinloss	Sept 8	26.2	Aug 25	15.6	Jan 30	1.3	Feb 17	— 7.9	
Elgin	July 6, Sept 7	25.7	July 4	16.0	Jan 31	1.9	Feb 17	— 7.3	
Lossiemouth	Sept 8	26.6	July 4	15.7	Feb 15	2.0	Feb 17	— 7.3	
Gordon Castle	July 8	26.7	July 4, 11, Aug 25	15.0	Jan 31	1.7	Feb 16, 17	— 3.9	
Glenlivet	—	—	—	—	Jan 31	— 0.2	Feb 17	— 9.6	
Banff	July 8	26.7	July 11	15.6	Nov 28	3.0	Feb 16, 17	— 2.8	
Braemar	July 7	26.1	July 4	14.6	Nov 21	— 0.1	Jan 4	— 12.8	
Balmoral	July 7	26.7	July 4	13.9	Jan 31, Nov 19	— 1.1	Jan 4	— 10.6	
Dinnet	July 7	27.8	July 11	13.4	Jan 31	— 0.1	Feb 16	— 8.9	
Gartly	July 7	28.4	Aug 24	12.7	Jan 31	0.1	Feb 16	— 7.7	
Inverurie	—	—	—	—	—	—	—	—	
Sewage Works	July 7	27.3	Aug 2, 25	13.4	Jan 3	1.5	Feb 16	— 8.7	
Fyvie Castle	—	—	—	—	Jan 31	1.7	Feb 16, 17	— 7.8	
Craibstone	July 7	25.6	July 11, Aug 25, Oct 7	13.3	Jan 31	1.2	Feb 16	— 4.7	
Dyce	July 7	26.4	Oct 1, 7, 22	13.8	Jan 30	1.9	Feb 16	— 7.7	
Aberdeen	July 11	24.8	Oct 7	14.2	Jan 4, 31	2.2	Feb 16	— 6.2	
Fraserburgh	July 1	26.0	July 2	15.0	Nov 20	3.4	Feb 17	— 2.1	
Fettercairn	July 1	24.3	July 3	13.5	Jan 31	0.9	Jan 4	— 6.3	
Strachan	July 7	25.6	Aug 25	13.8	Jan 4	— 0.9	Nov 20	— 10.0	
Banchory	July 7	27.2	July 3	15.5	Jan 4	0.8	Nov 29, 30	— 7.5	
Stonehaven	July 1, 11	24.4	Oct 7	14.4	Nov 28	0.6	Nov 29	— 5.6	
Mylnfield	July 7	26.3	July 11, Aug 25	14.0	Jan 5	1.4	Jan 4	— 4.9	
Dundee	July 7	27.2	July 11	14.5	Jan 5	1.3	Nov 18	— 4.0	
Glamis Castle	July 7	26.7	Aug 24, 25	13.3	Jan 4	0.0	Feb 16, Oct 13, Nov 29	— 8.1	
Whitehills	July 7	26.4	Aug 23	12.9	Jan 31	— 0.1	Jan 4	— 6.3	
Buddon Ness	July 7	22.8	Aug 23	13.8	Jan 4, 5	2.2	Feb 16	— 10.6	
Carnoustie	July 6	26.1	July 11	(13.5)	Jan 5	(1.8)	Jan 4, Nov 29	— 4.4	
Arbroath	July 1	23.9	July 2, 11, Aug 2, 23	13.3	Jan 5, Nov 19	2.7	Nov 29	— 3.9	
Usan	July 1	23.5	Oct 7	14.1	Jan 31	2.5	Nov 29	— 4.0	
Montrose	July 7	24.0	July 11	13.4	Jan 4	1.1	Nov 29	— 4.5	
Aberfoyle	July 7	26.1	Aug 24, 25	14.5	Jan 5	0.6	Jan 3, 4	— 8.3	
Dall	July 7	26.5	July 11, Aug 25, 26	13.5	Jan 3	0.2	Jan 4	— 9.0	
Callander	July 7	25.6	July 11	15.0	Jan 5	0.0	Jan 4	— 7.2	
Ardtnaig	July 7	27.8	July 11	14.6	Jan 5, 31	1.1	Jan 4	— 5.6	
Drummond Castle	July 6	25.7	Aug 25	13.6	Jan 5	— 0.8	Feb 16	— 7.3	
Glenaeles	July 7	25.6	July 11	13.6	Jan 5	0.2	Feb 17	— 7.6	
Pitlochry	July 7	26.1	Aug 25	13.9	—	—	Nov 20	— 7.4	
Faskally	July 7	26.7	July 11, Aug 24, 25	13.9	Jan 4	0.0	Jan 4	— 7.8	
Ashintully Castle	July 7	25.9	Aug 25	12.8	Jan 31, Nov 21	— 0.6	Nov 20	— 8.3	
Strathallan	July 7	27.2	July 11	14.6	Jan 5	0.4	Nov 24, 25	— 5.6	
Perth	July 7	27.9	July 11	15.3	Jan 5	0.9	Jan 4	— 6.8	
Blaingowie	July 7	26.7	Aug 25	13.9	Jan 5	0.6	—	—	
Kinross	July 7	26.9	July 11	14.2	Jan 5	0.0	Jan 4	— 7.2	
Pittravie	July 7	27.6	July 11	15.3	Jan 30	0.0	Feb 16, Nov 20	— 3.8	
Kirkcaldy	July 8	26.7	July 11	14.4	Jan 4	2.2	Feb 16	— 5.6	
Cupar	July 7, 8	26.7	Oct 7	13.9	Jan 5	1.1	Feb 16	— 6.7	
Leuchars	July 8	26.8	Oct 22	15.6	Jan 5	1.6	Feb 16, Nov 29	— 6.2	
St. Andrews	July 8	26.6	July 11	14.8	Jan 5	1.8	Feb 16	— 4.1	
Livingston	July 7	27.8	July 4	14.4	Jan 3, 5	1.1	Nov 20	— 7.0	
Turnhouse	July 7	27.6	Oct 22	16.2	Jan 30	0.9	Feb 16	— 5.8	
Edinburgh East	—	—	—	—	—	—	—	—	
Craig	July 7	27.3	July 8	14.5	Jan 5	1.1	Jan 3	— 4.9	
Penicuik	July 7	27.9	Aug 25	13.9	Jan 3	— 0.7	Feb 16, 17	— 7.8	
Bush House	July 7	26.2	July 8	14.7	Jan 5	0.6	Feb 16	— 6.5	
Edinburgh	—	—	—	—	—	—	—	—	
Blackford Hill	July 7	26.8	July 8	15.4	Nov 18	1.0	Feb 16	— 3.5	
Royal Botanic Gardens	July 8	26.7	July 11	14.7	Jan 5	1.2	Jan 1	— 5.9	
Haddington	July 8	26.9	July 4, Aug 25	14.9	Jan 5	1.0	Nov 20	— 5.8	
Dunbar	July 8	27.2	July 8	16.1	Jan 5	1.7	Feb 16	— 3.8	
Marchmont	July 7	27.2	July 8, (31), Aug 25, Oct 1	13.3	Jan 5	— 0.6	Nov 20	— 5.6	
Whitchester	July 7	25.0	Oct 2	13.3	Jan 5	— 1.0	Feb 16	— 6.6	
St. Abbs Head	July 8	26.2	Oct 22	14.1	Mar 1	1.0	Jan 5	— 2.9	
Stanhope Farm	July 7	25.1	July 4	14.4	Nov 18	— 0.2	Jan 3	— 9.4	
Blyth Bridge	July 8	24.1	July 4	14.8	Nov 18	— 0.1	Nov 21	— 7.5	
West Linton	July 8	25.0	July 4	13.9	Nov 18	0.4	Feb 16	— 8.3	
Glenfress	July 7	28.3	July 4	13.9	Jan 3	— 1.1	Nov 20	— 6.7	
Bowhill	July 7	27.8	Aug 25	14.3	Nov 18	0.5	Feb 16	— 6.7	
Galashiels	July 7	26.4	Aug 25	14.0	Jan 5	— 0.9	Jan 4	— 6.6	
1 SCOTLAND E									
continued									
Wauchope	July 7	27.8	Aug 25	15.0	Jan 5	0.0	Jan 1	— 8.9	
Kelso	July 7	27.8	Oct 1	15.0	Jan 5	0.0	Jan 4	— 7.8	
Sourhope	July 7	27.8	July 8, Aug 25	14.3	Nov 18	— 0.1	—	—	
2 SCOTLAND W									
Tiree	Aug 3	20.6	Oct 1	14.4	Jan 31	3.5	Dec 30, 31	— 2.3	
Port Ellen	Sept 9	22.0	July 2	13.9	Jan 31	3.4	Feb 1	— 4.7	
Rhuvaal	July 7	22.2	July 31	15.2	Jan 31	3.5	Jan 4	— 2.1	
Colonsay	July 7	21.1	July 8	15.0	Jan 31	2.8	Jan 3	— 3.9	
Aros	June 3	22.8	July 8	14.5	Nov 19	2.8	Dec 30	— 5.9	
Machrihanish	July 7	21.6	Oct 22	15.1	Jan 3	2.2	Jan 1	— 5.2	
Campbeltown	—	—	—	—	Jan 1, 3	3.3	Jan 1, 2	(— 3.3)	
Achaglachgach	July 7	23.3	July 2, 3, 4, (11), 28, Aug 5, 24, 25, Oct 1, 6	13.3	Jan 2, 3	2.8	Jan 1	— 6.7	
Knapdale Forest	July 7	24.9	July 3	14.0	Jan 3	0.8	Jan 1	— 5.9	
Glenbranter	July 7	25.6	July 4	15.1	Jan 1	— 1.1	Jan 3	— 7.2	
Glen Etive	July 7	26.8	Aug 26	15.8	Jan 3	— 1.1	Jan 4	— 8.4	
Benmore Younger	—	—	—	—	—	—	—	—	
Botanic Gardens	July 7	25.2	Aug 24	15.2	Jan 3	0.2	Jan 3	— 5.6	
Kildonan	July 30	21.2	Aug 24	14.4	Jan 5	3.5	Feb 27	— 2.5	
Broddick Castle	July 7	24.6	July 11	14.6	Feb 1	3.5	Jan 1	— 2.3	
Rothessay	July 7	25.0	July 4, Aug 25	14.4	Jan 5	2.8	Jan 1, Feb 1	— 2.2	
Finnart	July 10	25.0	July 11	16.0	Jan 30	(1.0)	Jan 3	— 5.0	
Helensburgh	July 7	24.0	Aug 24, 25	13.5	Jan 3, 5	0.0	Jan 3, Nov 25	— 5.0	
Sloy	July 7	24.4	Aug 24	15.5	Jan 5	2.0	Jan 1	— 4.7	
Cumbernauld	July 7	27.2	July 11	14.9	Jan 3	— 1.2	Jan 1	— 6.6	
Earls Hill	July 7	24.2	July 4, 11	13.3	Jan 5	— 2.0	Feb 16	— 6.4	
Stirling Batterflats	July 7	27.8	July 11	15.6	Jan 5	0.1	Nov 20	— 7.0	
Parkhead	July 7	27.2	July 4, Aug 25	14.4	Jan 5	0.5	Jan 4	— 5.2	
Falkirk Sewage Works	July 7	27.5	July 11	15.6	Jan 3	0.3	Jan 4	— 5.6	
Grangemouth	July 7	30.0							

Table 10 (continued)

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date	°C	District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date	°C						
3 ENGLAND E — continued						4 MIDLAND COUNTIES — continued											
Marham	July 8	29.0	July 9	16.2	Jan 3	-1.2	Jan 2	-8.5	Cirencester	July 11	27.6	July 9	16.6	Jan 4	-2.2	Mar 7	-6.1
Santon Downham	July 11	28.9	Aug 29	15.7	Jan 3	-0.9	Mar 5	-11.7	Little Risington	July 11	27.1	July 9	17.2	Jan 3	-2.0	Jan 4	-7.6
Morley St. Botolph	July 11	28.3	Aug 29	15.5	Jan 5	-0.7	Jan 5	-5.1	5 ENGLAND SE								
Cromer	July 15	26.2	Aug 26	17.8	Nov 19	0.5	—	—	Kensington Palace	July 11	30.0	July 12	18.2	Jan 2	0.0	—	—
Cottishall	July 15	26.7	Aug 19	16.0	Jan 5	-0.3	Jan 5	-6.0	Hampstead	July 11	28.9	July 19	17.3	Jan 3	-0.7	Mar 5	-6.2
Burlingham	July 11	27.1	Aug 19	15.7	Jan 5	-0.4	Jan 5	-6.4	St. James Park	July 11	30.0	July 9,31	17.8	Jan 4	0.0	Jan 2,3	-2.8
Gorleston	July 1	26.2	July 31	17.7	Jan 4	-2.0	Jan 5	-5.4	Greenwich	July 8	28.0	Aug 29	16.7	Jan 4	0.3	Jan 5	-4.4
Brooms Barn	July 11	27.9	July 9	15.8	Jan 5	-1.5	Jan 5	-5.4	Heathrow	July 11	29.7	July 9	18.7	Jan 4	-1.3	Jan 4	-4.2
Honington	July 11	28.3	July 31	16.1	Jan 3,4,5	-0.7	Mar 5	-6.6	Hampton	July 11	29.6	July 12	18.3	Jan 4	-1.1	Mar 7	-4.4
East Bergholt	July 11	28.6	July 31	16.4	Jan 5	-0.4	Jan 3	-6.9	Southgate	July 11	28.9	July 9	17.1	—	—	Feb 16	-7.8
Wattisham	July 11	27.2	Aug 29	16.8	Jan 4	-1.7	Mar 5	-5.7	Kew	July 11	28.6	July 12	16.8	Jan 4	-1.1	Jan 2	-6.1
Lowestoft	July 15	26.7	July 31	16.6	Jan 4	-1.1	Jan 5	-6.6	(psychrometer)	July 11	28.6	July 12	16.8	Jan 4	-1.1	Jan 2	-6.1
Boxworth	July 11	27.9	Aug 29	16.0	Jan 4	-1.2	Mar 5	-5.1	(screen)	July 11	29.7	July 12	18.3	Jan 4	-1.0	Jan 2	-3.7
Mepal	July 11	28.1	July 12, Aug 24	15.8	Jan 4	-0.6	Jan 3	-5.3	Waddon	July 11	29.4	July 31, Aug 29,19	16.1	Mar 6	-0.6	Jan 5, Mar 7	-6.1
March	July 8,11	28.6	July 12	15.7	Jan 4	-0.8	Jan 5	-4.3	Addington	July 11	28.6	July 12	16.7	Jan 3	-1.1	Mar 7	-6.1
Cambridge									Bromley	July 11	28.9	July 12	18.9	Jan 4, Mar 6	0.0	Jan 5, Mar 5	-3.3
Botanic Gardens	July 11	28.9	July 9,12, Aug 29	16.1	Jan 3,4,5	-0.6	Mar 5, Oct 15	-5.0	Watlington	July 11	28.6	July 12	16.7	Jan 3	-1.1	Mar 7	-6.1
N.I.A.B.	July 8,11	28.3	July 12, Aug 29	16.1	Jan 3,5	-0.8	Jan 2,4	-4.5	Bedford	July 11	28.9	July 12	18.9	Jan 4, Mar 6	0.0	Jan 5, Mar 5	-3.3
Monk Wood	July 8	28.2	Aug 29	16.2	Jan 4	-1.4	Mar 5	-5.5	Bedford	July 11	29.4	Aug 29	15.7	Jan 3	-1.1	Jan 3	-8.2
Wytton	July 11	28.6	Aug 29	16.5	Jan 4	-2.9	Mar 7	-5.7	Bedford	July 11	29.0	Aug 29	16.0	Jan 4	-1.1	Mar 7	-6.0
Woburn	July 11	28.1	Aug 29	16.0	Jan 3	-1.5	Jan 5	-7.9	Mickleham	July 11	28.3	Aug 7	16.8	Jan 4	-1.1	Mar 7	-8.8
Silsoe	July 11	28.2	Aug 29	16.4	Jan 4	-1.2	Mar 7	-5.8	Hadlow College	July 11	29.9	Aug 23	15.8	Jan 5, Mar 6	-0.3	Jan 3	-9.4
Cardington	July 11	28.4	Aug 29	16.4	Jan 4	-2.7	Mar 5,7	-6.3	Gillingham	July 9	28.1	Aug 29	16.4	Jan 5	-1.1	Jan 5	-6.1
Luton	July 11	28.0	July 9	17.8	Jan 4	-1.5	Jan 5	-5.5	Peckham	July 11	28.3	Aug 29	16.1	Jan 3	-1.6	Jan 3	-10.3
Aldenham School	July 11	29.7	July 12	16.6	Jan 2	-1.2	Jan 2	-6.9	Dungeness	July 5	23.6	Aug 3	16.7	Jan 5	-0.5	Jan 3	-5.5
Garston	July 11	28.7	July 9	16.8	Jan 4	-1.2	Jan 2	-6.4	Whitstable	July 15	26.5	Aug 22	16.7	Jan 5	-0.8	Jan 3	-6.1
Rothamsted	July 11	28.0	July 2	18.4	Jan 4	-1.5	Jan 2	-6.6	Folkstone	July 9	26.7	Aug 19	17.5	Mar 4	-0.6	—	—
St. Albans	July 11	28.5	July 12	16.4	Jan 4	-1.1	Jan 2	-6.5	Elmstone	July 9	27.1	Aug 22	16.1	Jan 5	-1.4	Jan 3	-6.5
Letchworth	July 11	26.9	—	—	Jan 5	-0.4	Jan 2	-6.1	Dover	July 9	26.8	July 9, Aug 23	17.2	Jan 5	-0.3	Jan 6	-3.3
Hoddeston	July 11	29.2	Aug 29	16.4	Jan 4	0.0	Mar 5	-6.6	Manston	July 8,15	25.6	Aug 21	16.2	Jan 5	-1.7	Jan 3	-5.8
Little Parndon	July 11	28.3	Aug 29	16.0	Mar 6,4,5	-0.6	Jan 3, Mar 5	-6.1	Margate	July 15	25.4	July 31	17.0	Jan 5	-0.3	Jan 6, Mar 7	-3.3
Harlow	July 11	29.0	Aug 29	(16.7)	Jan 2	-1.3	Jan 3,4	-5.5	Goudhurst	July 8	28.4	Aug 23	15.5	Jan 5	-1.1	Jan 3	-10.7
Stansted	July 11	28.2	July 9	15.9	Jan 5	-1.7	Jan 3	-6.0	East Malling	July 11	28.3	Aug 29	15.8	Jan 5	-0.1	Jan 3	-7.2
Writtle	July 11	28.4	Aug 29	16.6	Mar 6	-0.8	Jan 3	-8.9	Thornley	July 9	26.7	Aug 23	15.2	Jan 5	-1.0	Jan 3	-7.3
Southend	July 15	25.6	July 31	17.2	—	—	—	—	Faversham	July 9	26.8	Aug 23	16.0	Jan 3, Mar 6	-0.6	Jan 3	-9.0
Maldon	July 15	26.9	July 2	16.2	Jan 5	-0.9	Jan 3	-7.8	Wye	July 9	27.3	Aug 23	16.2	Jan 1	0.3	Jan 3	-9.7
Earls Colne	Aug 19	28.1	July 31, Aug 10	15.6	Jan 4	-1.1	Jan 3	-5.1	Thorney Island	July 9	28.0	July 10,31	16.1	Mar 6	1.2	Mar 7	-6.9
Shoeburyness	July 15	26.2	July 24	16.6	Jan 5	-0.8	Jan 3,5	-6.8	Rogate	July 8	28.4	Aug 23	15.5	Jan 4	-1.0	Mar 7	-7.3
Clacton-on-Sea	July 15	27.6	July 31	17.2	Mar 6	0.0	Jan 3	-5.0	Bognor Regis	July 9	27.0	July 9	16.9	Mar 6	0.9	Mar 7	-4.9
Walton-on-Naze	July 15	27.0	Aug 19	17.6	Jan 4	-0.6	Jan 3	-5.0	Fernhurst	July 8	28.5	Aug 29	15.5	Jan 3	-0.1	Jan 5	-7.3
Dovercourt	July 15	26.7	Aug 19	16.1	Jan 3,5, Mar 6	0.0	Jan 3	-5.0	Littlehampton	—	—	—	Jan 3	0.0	Mar 7	-4.9	
4 MIDLAND COUNTIES						North Heath	July 8	28.9	Aug 29	15.7	Jan 4	-1.4	Jan 5	-8.3			
Sladburn	July 8	26.3	July 3	14.7	Jan 5	-0.6	Jan 5	-7.1	Brighton	July 9	28.3	—	Mar 6	0.3	Mar 7	-3.9	
Malham Tarn	July 29	25.5	July 3	14.5	Feb 28	-0.9	Jan 5,6	-7.3	Plumpton	July 8,9	28.3	—	Mar 6	-0.6	Jan 3, Mar 7	-5.6	
Huddersfield	July 8	27.2	July 3	15.6	Jan 5	0.4	Jan 5	-6.9	Wakehurst Place	July 8	28.1	July 9	16.7	Mar 6	-1.0	Jan 3, Mar 7,8	-5.6
Huddersfield Oakes	July 8	27.8	July 3	15.6	Jan 5	-0.5	Jan 5	-6.2	East Hothly	July 9	28.5	Aug 29	15.9	Jan 3	-0.9	Jan 3	-10.0
Bradford	July 8	26.2	July 9	17.5	Jan 5	-0.3	Jan 5	-5.8	Eastbourne	July 9	25.9	July 9	17.8	Mar 6	0.1	Jan 2	-3.6
Ilkley	July 8	27.2	July 3	15.6	Jan 4,5, Feb 15,28	1.7	Jan 5	-6.7	Eastbourne C.G.	Aug 18	25.7	Aug 29	16.5	Jan 3	-0.8	Jan 3	-6.8
Sheffield	July 8	27.7	July 2	18.3	Jan 5	-0.1	Jan 5	-5.0	Bexhill	July 9	26.7	July 9	17.9	Mar 6	0.4	Jan 2	-4.4
Pontefract	July 8	25.4	July 25	15.2	Jan 5	-1.0	Jan 5	-5.6	Bodiam	July 8	28.8	Aug 23	15.9	Mar 6	-0.4	Jan 3,5	-10.1
Bramham	July 8	26.0	Aug 9	15.9	Jan 5	-1.1	Jan 5	-5.6	Hastings	July 9	26.6	July 9	18.3	Mar 6	-0.9	Jan 4, Mar 5	-2.8
Cawood	July 11	26.2	July 2	16.9	Jan 3	0.4	Nov 20	-5.2	Letcombe Regis	—	—	—	—	Jan 5	—	—	
Askham Bryan	July 8	26.7	Aug 9	15.7	Jan 4	0.6	Jan 4	-6.0	Abingdon	July 11	26.9	July 12	16.9	Jan 4	-3.1	Mar 7	-7.2
Buxton	July 8	24.7	July 12	15.2	Jan 5	-1.5	Jan 3	-6.9	Wallingford	July 11	28.3	July 12	17.5	Jan 4	-1.7	Mar 7	-11.1
Mackworth	July 11	26.1	Aug 29, Oct 1	15.6	Jan 4	-1.7	Jan 4	-6.7	Shinfield	—	—	July 12	16.8	Jan 3	-1.3	Jan 5	-5.5
Ashover	July 11	27.2	Aug 9	15.9	Jan 5	-1.1	Jan 5	-6.1	Reading	July 11	28.7	July 12	17.4	Jan 4	-2.1	Jan 5	-5.5
Derby	July 11	28.1	Aug 29	16.3	Jan 4	-2.4	Jan 3,4	-6.3	Finchamstead	July 11	26.9	July 10, Aug 19	15.4	Jan 3,4	-1.7	Mar 7	-7.6
Morley	July 11	26.5	Aug 9	14.9	Jan 4	-2.2	Jan 5	-6.9	Hurley	July 11	28.8	July 12	16.2	Jan 4	-1.7	Mar 7	-6.6
Wingerworth	July 11	26.0	Aug 9	15.7	Jan 4	-0.9	Jan 4,5	-7.7	Easthampstead	July 11	28.4	July 10, Aug 29	15.9	Jan 3,4	-1.3	Mar 7	-10.7
Sutton Bonington	July 11	26.9	July 10	16.7	Jan 4	-2.2	Jan 5	-6.1	Bournemouth	July 9	27.4	July 26	17.0	Jan 3	0.4	Jan 5	-6.5
Watnall	July 11	27.0	July 9	17.1	Jan 4	-2.8	Jan 5	-5.8	Hurn	July 8	28.5	July 10	16.6				

Table 10 (continued)

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
7a ENGLAND NW - continued				
West Kirby Park	27.3 Aug 9	15.7 Jan 3	-0.1 Jan 4	-5.8
Ness Gardens	26.7 Aug 9	15.7 Jan 3	-2.3 Jan 4	-6.6
Winnington	27.8 July 3	16.2 Jan 4	-1.3 Jan 4	-6.3
Knutsford	27.9 July 3	15.6 Jan 3	-3.2 Jan 4	-11.6
Ringway	26.7 July 3	18.5 Jan 3	-1.0 Jan 4	-9.1
Macclesfield	27.2 July 3	17.8 Jan 1,3,4,5, Feb 1	1.1 Jan 4	-5.6
7b NORTH WALES				
Rhyl	28.3 Aug 9	15.8 Jan 4	2.8 Jan 4	-3.9
Hawarden Bridge	27.3 Aug 9	16.3 Jan 4	-1.7 Jan 4	-7.2
Valley	25.6 July 8	15.5 Jan 1	4.0 Mar 4	-2.7
Colwyn Bay	26.1 July 8	18.4 Jan 3	2.8 Mar 4	-2.4
Alwen	24.4 Aug 9	13.9 Jan 3, Nov 19	0.6 Jan 4	-12.2
Ruthin	25.8 Aug 9	16.1 Jan 2	2.3 Jan 4	-10.4
Loggerheads	25.6 Aug 9	15.4 Jan 4	1.7 Jan 4	-7.2
Bwlchgwyn	24.0 July 23	14.3 Jan 4	-0.6 Mar 4	-5.3
Wrexham	25.2 Aug 9	16.4 Jan 4	-1.7 Jan 4	-8.9
Bardsey Island	22.4 July 8	15.7 Mar 4	4.6 Mar 5	-1.7
Botwnnog	25.7 July 8	16.1 Jan 4	3.0 Jan 4	-2.8
Pen-y-Ffridd	26.5 July 8	16.1 Jan 1	3.6 Jan 4, Mar 5	-2.8
Trawsfynydd	25.7 July 8	15.0 Jan 1,4	1.2 Jan 4, Feb 2	-3.9
Bala	25.8 -	- Jan 3	-1.5 Jan 4	-9.9
Corwen	26.3 Aug 9	15.6 Jan 3	1.2 Jan 4	-9.4
Celwis	28.0 July 26	16.5 Jan 3,4	1.1 Jan 4	-9.4
Moel Cynedd	24.6 July 8	13.9 Jan 4,5, Mar 4	0.6 Jan 4	-11.4
Lake Vyrnwy	25.4 July 2	14.4 Feb 15	-0.3 Jan 4	-7.3
8a SOUTH WALES				
Aberporth	24.8 July 8	15.5 Jan 4	0.4 Jan 4	-4.0
Gogerddan	28.4 Aug 29	15.8 Jan 1	2.5 Jan 4	-6.3
Swyddffynnon	26.9 July 10	15.0 Jan 1	1.1 Jan 1	-7.2
Trawscod	27.2 Aug 9	15.8 Jan 4	2.4 Jan 5	-7.4
Llety-eyan-hen	24.7 July 8	16.8 Mar 4	1.2 Mar 7	-7.3
Cwmystwyth	25.0 July 10	14.4 Jan 1	0.8 Jan 1	-7.9
Dale Fort	23.9 Sept 30	15.6 Feb 1	4.9 Dec 30	-1.5
Milford Haven CB	26.6 July 8	15.7 Jan 30	4.0 Mar 7	-2.5
Haverfordwest	25.6 Sept 30	16.1 Jan 3, Dec 7	3.9 Mar 5	-6.6
Cardarthen	27.3 July 10	17.1 Jan 1	1.2 Jan 1	-6.7
Esgerwen-Uchaf	25.2 July 11	14.6 Jan 4	-0.9 Mar 7	-6.6
Brynamman	27.0 July 10	16.6 Jan 4	1.0 Jan 4	-6.7
Cenarth Mill	24.9 -	- Jan 4	-0.6 Jan 4	-11.2
Llandrindod Wells	27.3 July 2	15.7 Jan 3	-5.4 Jan 4	-11.0
Llwynon	26.9 July 12	15.3 Jan 4	0.6 Jan 4, Mar 7	-7.8
Mumbles	25.6 July 9	18.0 Jan 4	1.7 Jan 1	-2.0
Penmaen	26.2 Sept 9	16.8 Jan 4	1.6 Mar 7	-4.8
Swansea	26.8 July 9	18.4 Jan 4	2.2 Nov 21	-4.0
Port Talbot	29.4 July 8	18.4 Jan 4	3.3 Jan 3,4	-4.9
Neath	27.7 July 9	18.1 Jan 4	2.5 Mar 7	-4.4
Rhoose	27.5 July 9	17.0 Jan 3	-1.2 Mar 7	-5.9
Cardiff	28.8 July 9	19.1 Jan 4	-1.1 Mar 7	-4.9
Tredegar	26.8 July 9	16.1 Jan 4	-0.6 Mar 7	-7.2
Newport	28.1 July 9,11	18.3 Jan 3	-1.2 Mar 7	-4.9
Crumbland	26.8 July 9	16.0 Jan 3	-2.3 Mar 7	-6.8
8b ENGLAND SW				
Hawkrig	26.3 July 10,12	15.0 Jan 3	-0.7 Mar 7	-6.7
Nettlecombe	26.9 July 10	16.7 Jan 3	-0.1 Mar 7	-7.5
Cannington	27.2 July 9	17.8 Jan 3	-0.6 -	-
Cheddar	29.2 July 12	17.2 Jan 3	-1.1 Jan 4	-6.1
Yeovilton	28.5 July 10	16.5 Jan 3	-0.4 Mar 7	-7.0
Rodney Stoke	28.3 July 12	16.0 Jan 3	-0.6 Jan 4	-6.1
Long Ashton	29.0 July 12	16.5 Jan 3	-1.3 Mar 7	-7.9
West Camel	29.3 July 10	16.9 Jan 3	-0.3 Nov 11	-7.1
Wincanton	28.9 July 9	16.1 Jan 3	-1.1 Jan 4,5	-8.9
Bath	28.4 July 9	17.9 Mar 5	0.3 Mar 7	-6.4
Portland Bill CG	26.4 July 9	17.0 Jan 3	1.5 Mar 7	-3.3
Weymouth	27.4 July 10	16.6 Mar 5	2.3 Nov 24	-9.5
Winfirth	27.9 July 10	16.7 Jan 3	0.1 Jan 5	-6.9
Shaftesbury	27.3 July 9	17.2 Mar 5	0.2 Mar 7	-7.1
Swanage	26.3 July 10	17.4 Jan 3	2.4 Jan 4	-5.9
Poole	28.7 July 10	17.1 Mar 6	2.6 Jan 4	-6.2
Virginstow	28.2 July 10	16.0 Jan 1	2.0 Mar 7	-7.2
Hartland Point	25.7 July 8	16.5 Jan 3	2.6 Mar 7	-3.3
Mount Batten	27.7 July 10,12	17.4 Jan 1	2.2 Jan 1	-3.9
Plymouth Hoe	27.8 July 10	17.8 Jan 1	2.1 Mar 7	-3.9
Tavistock	28.8 July 10	17.7 Jan 1	1.1 Jan 1	-6.1
Chivenor	28.8 Aug 10	16.9 Jan 1	2.0 Mar 7	-5.6
Totnes	28.4 July 10	15.5 Mar 5	2.7 Nov 29, Dec 4	-5.6
Cheldon Barton	26.7 July 10	16.9 Jan 1	0.8 Mar 7	-6.1
Slapton	24.9 July 10	17.2 Jan 1	2.9 Feb 4	-3.8
Newton Abbot	26.7 July 10	17.6 Mar 5	2.3 Mar 7	-5.3
Torbay (Torquay)	27.2 July 10	17.9 Mar 5	3.3 Feb 25	-3.3
Teignmouth	26.7 July 10	18.6 Jan 1, Mar 6	3.3 Mar 7,8	-3.3
Starcross	27.9 July 10	17.6 Jan 1	1.7 Mar 7	-4.9
Exmouth	28.1 July 10	18.3 Mar 6	1.5 Mar 7	-4.5
Exeter	27.8 July 10	17.6 Jan 3	1.1 Nov 20	-6.2
Sidmouth	28.9 July 8	16.7 Jan 1,31, Feb 1, Mar 6,7	4.4 Mar 5,8	-4.4
Scilly	22.8 July 30	15.8 Mar 5	4.6 Mar 7	0.0
Penzance	26.7 July 12	16.5 -	- Mar 7	-2.8
Guilval	26.1 July 8,9	16.7 Mar 5,7, Dec 29	5.0 Mar 7	-2.8
Culdrose	24.6 July 12	15.8 Mar 5	3.7 Mar 7	-4.7
Rosewarne	25.4 July 8	16.0 Mar 5	3.7 Mar 7	-4.4
Lizard	26.0 July 9,12	16.4 Mar 5	4.4 Mar 7	-2.3
Falmouth	25.3 July 9,10	16.1 Jan 30, Mar 7	4.4 Mar 7	-3.3
Newquay	27.1 July 8	16.2 -	- -	-
St. Mawgan	26.1 July 11	16.4 Mar 7	2.6 Mar 7	-5.3
St. Austell	27.2 July 9,10	17.8 Jan 1, 30, Mar 5	3.9 Mar 7	-4.4
Fowey	27.3 July 10	16.7 Mar 5,6	3.9 Jan 1, Mar 7	-4.4
Bastreet	28.5 June 4	15.5 Jan 3, 30	2.0 Jan 1, Mar 5	-8.5
Bude	27.3 Aug 10, 13	16.1 Jan 1	2.7 Jan 1	-5.3
Ellbridge	28.8 July 10	17.2 Jan 1	0.6 Jan 1	-5.9
NORTHERN IRELAND - continued				
Guernsey Forest	24.7 July 2	14.9 Jan 31	3.2 Feb 1	-6.7
Moneydy	25.0 Oct 22	15.7 Jan 1	1.0 Feb 1	-5.6
Ballymoney	25.1 July 2	16.4 Feb 15	1.6 Nov 24	-5.3
Lisnafillan	26.1 July 2	15.0 Jan 1	1.7 Mar 16	-4.7
Aldergrove	25.3 July 8	16.2 Jan 3	1.1 Jan 30	-5.1
Greenmount	24.9 July 2	15.2 Jan 3	1.6 Jan 30	-5.3
Altnahinch	23.7 July 2	14.7 Feb 15	1.1 Feb 1	-5.1
Parkmore Forest	22.9 July 8	15.3 Feb 15, Nov 28	1.7 Jan 2	-5.0
Black Mountain	22.1 July 8	14.5 Feb 15, Nov 28	1.0 Feb 16	-3.4
Lowtown	22.2 July 2	13.9 Feb 15	0.0 Jan 2, Mar 15	-5.6
Ballypatrick Forest	24.8 July 8	16.4 Feb 15	1.0 Jan 1	-5.4
Belfast Malone	24.1 July 2	15.8 Feb 15	2.8 Jan 30	-4.9
Newtown Abbey	24.3 July 11	16.2 Feb 15, Nov 28	3.4 Jan 4	-2.9
Woodburn North	21.8 July 2	13.9 Feb 15	1.1 Mar 15	-4.8
Larne	23.8 July 2	14.3 Jan 1	3.9 Jan 2	-3.5
Kilroot	23.2 July 2	14.8 Nov 28	3.9 Jan 31	-4.4
Ballylumford	22.5 July 2	15.0 Feb 15	3.3 Feb 16	-3.9
Hillsborough	23.8 July 2	14.2 Jan 3	1.7 Jan 30	-3.9
Kilkeel	22.8 Oct 22	14.6 Feb 2	3.1 Feb 16	-2.9
Rosetta	-	- Feb 15	3.1 Jan 4	-2.8
Murlough	23.7 Oct 7	14.4 Jan 3	3.2 Jan 30	-6.3
Belfast Rosebank	24.5 July 11	15.0 Jan 1, Feb 15	3.5 Jan 30	-4.3
Stormont Castle	24.1 July 2	16.0 Nov 28	3.4 Jan 30	-2.8
Downpatrick	24.0 Aug 9	14.9 -	- -	-
Creighton Green	22.8 July 11	14.7 Feb 15	2.4 Jan 30	-2.9
Reagh Island	22.9 Oct 7	14.4 Jan 1	4.4 Jan 4	-3.9
Helens Bay	23.4 July 2	15.1 Feb 15, Nov 28	3.3 Feb 16	-1.8
Killough	21.9 Sept 17	14.3 Jan 1	1.8 Mar 15,16	-3.5
Armagh	25.9 July 8	16.8 Jan 3	1.2 Jan 30	-5.0
Loughgall	24.7 July 11	15.6 Jan 3	0.2 Jan 4	-5.8
Tandragee	25.5 July 11	15.5 Jan 3	0.6 Jan 4, 30	-6.0
Portadown	25.8 July 11	15.3 Jan 3	0.6 Jan 30	-6.0
Lurgan	25.2 July 11	15.6 Jan 3	0.6 Jan 4	-6.1
Lough Bradan	24.5 July 11	14.6 Jan 3, Nov 19	2.2 Feb 1, 2	-6.1
Baronscourt	-	-	-	-
Forest	25.7 July 3,11	15.0 Jan 1, Feb 1	3.0 Feb 1	-5.2
Strabane Convent	27.5 July 8	15.2 Dec 30	3.1 Dec 30	-4.5
Carrigis	25.1 July 2, Oct 7	14.8 Feb 1	2.4 Jan 30	-4.9
Lislap Forest	24.1 July 8	13.9 Feb 1	1.8 Feb 2	-4.8
Knockmany	-	-	-	-
Forest	24.8 July 11	14.6 Feb 1	3.4 Jan 31	-6.8
Pomeroy Forest	23.9 July 2	14.2 Jan 1, Feb 1	2.3 Mar 15, Nov 29	-4.4
Cookstown	24.5 July 2	15.4 Feb 15	2.7 Jan 30	-5.8
Roscor	24.8 July 8	14.8 Feb 1, Dec 28	2.2 Feb 1	-4.2
Lough Navar	-	-	-	-
Forest	25.0 July 11	15.0 Jan 4	3.0 Jan 30	-7.0
Castle Archdale	-	-	-	-
Forest	24.4 Oct 7	15.6 Feb 1	3.1 Feb 1	-5.1
Lisnakea	25.6 Oct 7	15.3 Jan 1	3.3 Feb 1	-4.5
Pubble Forest	24.5 Oct 7	15.5 Feb 1	3.0 Feb 1, Dec 29	-5.1
CHANNEL ISLES				
Guernsey Airport	28.5 July 8	16.5 Mar 4	2.1 Mar 7	-1.6
Guernsey	-	-	-	-
L'Ancrese	27.6 Aug 26, Sept 2	15.8 Jan 4	2.8 Feb 23	-2.0
Alderney	25.6 July 9	15.6 Mar 5	2.2 Mar 7	-0.9
Jersey Airport	29.5 July 9	18.8 Jan 4	1.1 Mar 7	-4.7
Jersey St. Helier	29.8 July 8	19.7 Jan 4	1.1 Mar 7	-3.3

Table 11 Number of days on which the duration of sunshine was between given limits in each month of 1971

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	19	12	0	0	0	7	14	6	1	0	10	7	9	4	1	2	5	12	11	0	4	5	8	7	7	1	12	3	6	8
Stornoway	17	11	3	0	0	8	16	1	3	0	10	5	10	4	2	5	8	8	8	1	2	6	9	7	7	1	11	6	3	9
Craibstone	18	12	1	0	0	6	12	7	3	0	5	17	1	7	1	5	10	4	7	4	3	5	2	8	13	4	10	4	10	2
Rothesay	22	5	3	1	0	21	1	4	2	0	17	2	4	6	2	5	5	6	9	5	5	2	5	8	11	4	4	6	7	9
Abbotsinch	16	13	2	0	0	11	12	3	2	0	8	12	7	4	0	5	4	7	9	5	2	5	4	7	13	2	7	5	11	5
Eskdalemuir	19	10	2	0	0	13	9	3	3	0	13	7	7	4	0	5	11	7	2	5	3	5	9	7	7	4	8	8	8	2
Douglas	13	12	4	2	0	12	6	5	5	0	9	9	10	1	2	7	5	4	6	8	3	6	3	3	16	5	7	2	6	10
Acklington	14	10	7	0	0	7	7	7	7	0	9	12	3	7	0	6	4	8	8	4	2	2	7	7	13	5	10	3	6	6
Gorleston	13	14	3	1	0	6	11	8	2	1	4	11	13	2	1	11	5	4	4	6	2	6	5	4	14	4	7	5	6	8
Cambridge (NIAB)	18	7	6	0	0	9	9	4	6	0	6	11	7	6	1	10	6	4	2	8	2	5	4	6	14	1	4	5	10	11
Edgbaston	18	9	4	0	0	10	9	6	3	0	7	11	8	4	1	6	11	6	4	3	2	7	3	6	13	8	7	4	6	5
Kew	12	12	7	0	0	9	9	4	6	0	6	9	8	5	3	9	8	3	4	6	1	6	4	4	16	5	5	8	4	8
Hastings	13	9	7	2	0	5	12	4	5	2	2	11	7	9	2	8	5	5	4	8	4	5	4	1	17	2	8	5	7	8
Southampton	13	10	7	1	0	11	5	6	6	0	4	9	10	6	2	8	4	2	6	10	1	7	5	3	15	3	9	4	4	10
Stonyhurst	-	-	-	-	-	-	-	-	-	-	11	9	7	3	1	1	9	10	9	1	1	5	8	4	13	4	11	4	6	5
Valley	12	13	4	2	0	11	7	6	4	0	13	5	5	7	1	2	11	5	4	8	1	7	2	2	19	6	8	3	5	8
Falmouth	-	-	-	-	-	-	-	-	-	-	6	10	6	8	1	8	5	6	6	5	2	6	3	5	15	2	10	5	6	7
Aldergrove	11	11	9	0	0	10	11	4	3	0	5	15	7	3	1	5	9	5	2	9	4	6	5	7	9	3	10	4	6	7
Armagh	11	10	9	1	0	10	8	8	2	0	8	13	7	2	1	5	11	6	4	4	4	8	5	5	9	4	10	7	6	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	3	11	5	7	5	4	11	8	4	4	4	10	5	8	3	6	11	8	6	0	13	15	2	0	0	21	9	1	0	0
Stornoway	6	10	4	2	9	2	12	5	6	6	7	9	7	4	3	4	15	6	6	0	11	17	2	0	0	19	10	2	0	0
Craibstone	4	6	5	6	10	4	7	9	4	7	3	12	5	6	4	3	9	9	9	1	3	21	6	0	0	10	15	6	0	0
Rothesay	7	5	3	5	11	13	5	5	3	5	8	8	5	1	8	13	4	5	8	1	18	2	9	1	0	24	3	4	0	0
Abbotsinch	4	7	3	6	11	5	15	3	4	4	2	15	3	2	8	6	9	9	6	1	7	17	2	4	0	11	19	1	0	0
Eskdalemuir	3	9	4	3	12	6	14	4	5	2	6	10	4	3	7	11	10	3	6	1	11	12	4	3	0	19	10	2	0	0
Douglas	2	4	5	4	16	5	8	8	6	4	3	6	5	6	10	3	10	11	6	1	11	10	5	4	0	13	13	5	0	0
Acklington	3	9	2	3	14	4	10	6	7	4	5	6	7	5	7	2	9	13	6	1	5	13	9	3	0	10	16	5	0	0
Gorleston	2	6	4	7	12	2	10	6	6	7	2	5	6	6	11	5	10	2	10	4	5	11	11	3	0	14	12	5	0	0
Cambridge (NIAB)	3	7	3	8	9	5	4	10	9	3	5	11	7	7	0	5	4	10	9	3	5	11	7	7	0	12	14	5	0	0
Edgbaston	1	5	7	7	11	3	12	8	3	5	5	6	7	5	7	5	8	6	8	4	11	6	5	8	0	16	12	2	1	0
Kew	0	4	9	5	13	2	9	8	6	6	2	7	6	5	10	3	7	9	11	1	8	8	6	8	0	11	16	3	1	0
Hastings	1	5	3	7	15	2	9	7	7	6	1	8	6	3	12	0	10	7	9	5	4	10	6	10	0	15	12	4	0	0
Southampton	1	5	2	6	17	3	11	6	4	7	1	5	8	2	14	4	5	9	11	2	3	12	8	7	0	13	12	6	0	0
Stonyhurst	0	9	8	2	12	6	11	5	4	5	6	5	8	3	8	4	13	7	5	2	11	10	7	2	0	21	7	3	0	0
Valley	0	6	3	6	16	3	11	6	3	8	5	3	7	4	11	5	12	6	6	2	12	9	7	2	0	15	11	5	0	0
Falmouth	0	1	8	6	16	3	9	8	7	4	1	7	9	3	10	4	10	9	5	3	11	5	6	8	0	12	13	4	2	0
Aldergrove	1	9	6	5	10	7	12	4	4	4	3	8	8	4	7	7	10	11	3	0	9	12	7	2	0	10	16	5	0	0
Armagh	1	14	6	0	10	5	16	3	4	3	3	8	8	6	5	6	10	12	3	0	7	16	7	0	0	9	18	4	0	0

Table 12 Number of days with rainfall between given limits during 1971

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	111	68	103	50	24	2	3	4	Cambridge B.G.	239	35	60	15	9	6	0	1
Stornoway	100	82	107	54	11	4	4	3	Shoeburyness	245	45	46	17	7	3	0	2
Fort William	—	—	—	—	—	—	—	—	Edgbaston	212	45	62	25	14	4	1	2
Nairn	189	70	74	26	3	2	1	0	Ross-on-Wye	230	41	47	29	7	7	1	3
Craibstone	202	69	69	13	4	3	1	4	Kew	238	39	53	15	10	4	3	3
Leuchars	217	61	60	16	4	3	2	2	Hastings	235	47	46	19	10	4	0	4
Rothesay	142	62	78	51	19	9	1	3	Southampton	237	40	46	22	9	6	4	1
Abbotsinch	173	58	79	34	8	7	4	2	Moor House	134	72	72	41	21	10	6	9
Eskdalemuir	152	69	71	34	20	5	10	4	Stonyhurst	203	44	60	27	9	7	7	8
Douglas	191	51	73	22	11	4	8	5	Valley	201	54	68	28	9	2	2	1
Acklington	213	56	57	23	5	6	0	5	Llandrindod Wells	208	26	68	38	17	2	4	2
Bridlington	213	48	60	32	8	2	0	2	Long Ashton	209	38	58	30	14	6	7	3
Cranwell	220	56	56	20	9	3	0	1	Falmouth	197	40	51	46	17	8	4	2
Gorleston	207	65	60	24	4	2	0	3	Aldergrove	174	69	77	26	8	5	3	3
									Armagh	191	56	79	27	4	4	1	3

Table 1 Corrections

District	air temperature °C					mean 30-cm earth temp	rain days	rain- fall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average						
August 1961									
7 England NW — Wales N			— 0.9	— 0.4	— 0.7				

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
Cambridge	1971																		
	January	122	28	16	27	51.4	31	65	24,28	16	27	38.4	31	—	—	—	—	—	—
	February	277	22	21	6	130.5	28	153	27	21	6	87.2	28	—	—	—	—	—	—
	March	420	22	55	21	226.2	31	204	30	55	21	151.1	31	—	—	—	—	—	—
Kew	January	144	24	12	3	56.1	31	71	28	10	3	39.4	31	182	24	15	3	74.5	31
Aldergrove	March	327	22	34	1	188.0	31	213	26	34	1	133.2	31	—	—	—	—	—	—

Table 4 Additions and corrections

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 – 350 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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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)				22-33 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			
1966	June	Cumbernauld				Defective record	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	July	Cumbernauld				Defective record	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1967	August	Carrigans				Defective record	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

*Table II in 1966 and 1967

Table 12* Corrections

Year	Month	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	> 25.1 mm	
1969	Annual	Llandrindod Wells		44	77	42	14			8

*Table VII in 1969

Note: Climatological returns from Burnley and Strachan ceased at the end of 1971

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