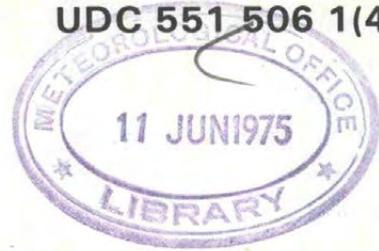


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THE METEOROLOGICAL OFFICE

**MONTHLY
WEATHER
REPORT**

VOLUME 91

1974

LONDON

HER MAJESTY'S STATIONERY OFFICE 1975

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Climatological District Map

showing :-

A DISTRICTS (LARGE FIGURES)

- 0 = SCOTLAND NORTH
- 1 = SCOTLAND EAST
- 2 = ENGLAND EAST and NORTH—EAST
- 3 = EAST ANGLIA
- 4 = MIDLAND COUNTIES
- 5 = ENGLAND SOUTH—EAST and CENTRAL SOUTHERN
- 6 = SCOTLAND WEST
- 7 = ENGLAND NORTH—WEST and NORTH WALES
- 8 = ENGLAND SOUTH—WEST and SOUTH WALES
- NI = NORTHERN IRELAND

B DISTRICT VALUE STATIONS (SMALL FIGURES)

(see notes on Table 1)

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



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Introduction

The *Monthly Weather Report* summarizes weather observations made at about 600 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**. In addition to much other data, the Report contains almost 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*, is published separately at the end of the year to which it refers and forms an explanatory part of the volume. It gives particulars of any changes made since the previous year both in the observations and in the stations completing returns. It also 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 associated with the Meteorological Office were first published in 1869 in the *Quarterly Weather Report*, a publication issued for each of the years 1869 to 1880. The *Monthly Weather Report* commenced in 1884. The gap from 1881 to 1883 is bridged for synoptic stations by a supplement to the *Daily Weather Report* and for other stations by tables in *Observations at Stations of the Second Order*. For the first four years the *Monthly Weather Report* appeared as a separate publication and this practice was resumed in 1922. In the interim period, that is from 1888 to 1921, it was issued as a supplement to the *Weekly Weather Report*, at first styled a 'summary' and then from 1907 entitled *Monthly Weather Report*. Data on radiation relating to the period 1911-21 were published in the *British Meteorological and Magnetic Year Book*, Part 3, Section 2, and for the period 1922-56 in the *Observatories' Year Book*; they first appeared in the *Monthly Weather Report* in 1935. The Introduction to the 1915 volume gave a detailed resume of changes in content and layout, etc. up to that year and subsequent changes were set out and explained in later Introductions, notably in those in 1921, 1923, 1955 and 1971. The Annual Summary began in 1903.

Heights, time standard, interpolation

Unless otherwise indicated the height of a station above mean sea level (MSL) is the height above Ordnance Datum of the ground on which the 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.

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

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

Contents of the Monthly Weather Report

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

Remarks on the weather

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

Table 1 District values

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

The major reorganisation of local government which took place in England and Wales during 1974 led to the creation of several new counties and to large changes in the boundaries of certain of the older counties. As a consequence it was necessary to modify the boundaries of the climatological districts in England and Wales but the changes were made as small as possible. The new climatological districts were introduced on 1 January 1974.

The district values for air temperature, earth temperature, rain days and sunshine are currently computed from the available values for the individual stations (known as 'District Value Stations') listed below. Five such stations are normally selected for each of these elements as representative of each climatological district except for earth temperature where the scarcity of long-period stations has restricted the choice in some districts. Northern Ireland constitutes one district and each of the other nine are made up of a number of adjacent counties in Great Britain broadly grouped according to their general climatic features. The districts, together with the positions of the District Value Stations used in each district, are shown on the map on page ii. The highest maximum and lowest minimum air temperatures are for the District Value Stations only. The differences from average of air temperature, earth temperature and number of rain-days and the percentage of average sunshine for each district are the means of the corresponding values for each District Value Station except in Northern Ireland where a larger number of stations is used to calculate the mean rain-day anomaly for the area. In order to obtain a representative areal average, percentages of average rainfall in each District are the means of the corresponding values for a larger number of stations than the District Value Stations used for the other elements. The number varies with district from 13 in England E. (District 3) to 30 in Northern Ireland and includes some which report rainfall only. Details of the stations used may be obtained on request. These stations with some additions also form the basis of areal rainfall estimates published in *British Rainfall**. The values given in the table for Scotland and for England and Wales are the means of the values for the several districts within these countries. For each of the District Value Stations 1941-70 averages, weighted where records are incomplete, have been used to compute anomalies of the various climatic elements in Table 1 since January 1974. These averages may be obtained on request.

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

District 0 1 Lerwick T r — S 2 Wick T r — S 3 Stornoway T r — S 4 Fortrose T r — S 5 Onich T r — S 6 Baltasound — — E — 7 Stenness — — E — 8 Kinlochewe — — E — 9 Isle of Rhum — — E —	District 3 1 Terrington St Clement T r E S 2 Lowestoft T r E S 3 Cambridge Bot Gdns T r E — 4 Cambridge Nat Inst of Agric Botany — — — S 5 Rothamsted T r E S 6 Shoeburyness T r — S 7 Clacton-on-Sea — — E —	District 7 1 Newton Rigg T r — S 2 Moor House — — E — 3 Stonyhurst T r — S 4 Nelson — — E — 5 Rhyl T r — S 6 Ringway T r — S 7 Valley T r — S 8 Loggerheads — — E — 9 Botwnnog — — E — 10 Knutsford — — E —
District 1 1 Forres T r E S 2 Craibstone T r — S 3 Mylnefield — — E — 4 Dundee T r — — 5 Arbroath — — — S 6 Bush House — — E — 7 Edinburgh Blackford Hill T r — S 8 Pitlochry — — E — Berwick-on-Tweed* T r — S	District 4 1 Huddersfield Ravensknowle — — — S 2 Bradford T r E — 3 Buxton — — E — 4 Nottingham T r — S 5 Raunds T r E S 6 Oxford T r E S 7 Ross-on-Wye T r E S	District 8 1 Llandrindod Wells** T r E S 2 Swansea T r E S 3A Lyonshall** T r — — 4 Cannington — — E — 5 Long Ashton T r — S 6 Plymouth Hoe — — E — 7 Teignmouth T r — S 8 Rosewarne — — E — 9 Falmouth T r — S
District 6 1 Tiree T r — S 2 Dundegh — — E — 3 Paisley — — E — 4 Abbotsinch T r — S 5 Auchincruive T r E S 6 Dumfries T r — S 7 Eskdalemuir T r E S	District 5 1 Kew T r — S 2 Margate — — E — 3 East Malling T r — S 4 Hastings T r E S 5 Ryde T r — S 6 Kensington Palace — — E — 7 Porton T r E S 8 Hurley — — E —	Northern Ireland 1 Coleraine University — — — S 2 Moneydig T — — — 3 Aldergrove T — — S 4 Hillsborough T — E S 5 Armagh T — — S 6 Castle Archdale Forest T — — S 7 Stormont Castle — — E — 8 Lislap — — E —
District 2 1 Berwick-on-Tweed* T r — S 2 Durham T r E S 3 Kielder Castle — — E — 4 Hull T r E S 5 Lincoln T r E — 6 Waddington — — — S 7 Cleethorpes T r — 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 30cm S = sunshine	

* No returns were received from Berwick-on-Tweed after April 1974

** Owing to a site change at Llandrindod Wells, Lyonshall was used for T and r after March 1974. No earth temperature and sunshine data from Llandrindod Wells were used after March 1974.

Maps

The published maps are simplified and are meant to give only a general impression of the distribution of the climatological elements. The value of an element at a point should be determined from tabulated data rather than by attempting to read it from the relevant map. The distribution of precipitation is given by means of isohyets on a full-page map. The analysis is based upon data from about 6500 stations and in order to improve legibility certain isohyets may be omitted in areas of heavy rainfall. A page of four maps based on all available data illustrates the mean 09h pressure at MSL, the mean air temperature at MSL, the mean daily bright sunshine and the difference of mean 30cm earth temperature from the 1941-70 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 30cm used to prepare data for the anomaly map may be obtained on request.

Table 2 Solar radiation and illumination

Data of the direct component of solar radiation at Kew Observatory were first published in the *Monthly Weather Report* in 1935 as Table III(c) which became Table III(b) in 1940. In 1948 were added data on total illumination (illumination intensity on a horizontal surface) for Kew and in 1950 data on illumination for Kingsway (London). In 1956 the solar radiation data published were changed to measurements of total

solar radiation and diffuse solar radiation and data for other stations were added. The table was re-numbered Table XIII in 1957 and Table 2 in 1971.

The instruments used for the radiation records are Moll-Gorczyński solarimeters. Meteorological Office pattern bimetallic actinographs may be used as standby instruments for recording total radiation. Daylight illumination is measured photoelectrically (Kew Mk V instrument). From 1 January 1957 the radiation values have been measured in accordance with the International Pyrheliometric Scale (1956). If in any month the data for any days are incomplete owing to instrumental or other faults, these data are completed by estimated values if at all possible, using other available radiation data. The mean daily value for complete days is then taken but if seven or more days in the month are still incomplete then the daily mean for the month is not published. The daily means for the year are computed from the monthly means. Up to and including the table for December 1965, no value for an extreme was given when it was possible that the extreme value for the month or for the year occurred on a day for which the data were either incomplete or estimated. In this table, with effect from January 1966, if the extreme value has been obtained from the data which have been partly or wholly estimated then the value is given in parentheses().

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

Table 3 Summary of daily observations

Summaries of daily observations appeared in the *Monthly Weather Report* from its inception in 1884. In 1914 these data were collected into one table, almost identical to its present form called Table III which became Table 3 in 1971. From January 1974 stations have appeared alphabetically under counties arranged as far as possible in a geographical order (north to south and east to west) within climatological districts.

Statistics in parentheses () have been prepared using estimates to replace missing data. Values of averages used in this table may be obtained on request. Explanatory notes now follow.

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

AIR TEMPERATURE. The times at which maximum and minimum temperatures are read at each station are given in the second column of the table. Where the hours are printed independently the extreme temperatures refer to periods of 24 hours ending at the stated time. A maximum temperature read at 09h is credited to the previous day. Where the hours are shown linked by a dash thus, 21-9, the maximum temperature refers to the period 09h to 21h and the minimum temperature to the period 21h to 09h. In such cases the day minimum and night maximum temperatures are also read. Monthly mean temperatures for stations at which extremes are read at different times are not strictly comparable.

The measurements of air temperature are obtained from thermometers exposed in white painted louvered screens supported over short grass in the open, the bulbs of the thermometers being 1.25m 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 1.25m 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 8m 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 30cm and 100cm. The tubes are fitted with covers so that water, etc. will not collect in the interior.

RAINFALL. The rainfall total includes water derived from all forms of precipitation collected in the rain gauge. The daily amount for any station is the total accumulated during the 24 hours from 09h on one day to 09h on the next. The total is credited to the former of the two days as the greater part of the period occurs thereon; thus, the amount of rainfall measured at 09h on the first day of a certain month is included in the monthly total for the previous month.

WEATHER (NUMBER OF DAYS). **Precipitation:** Every day (defined as the period 09h to 09h) during which the total precipitation is at least 0.2 millimetres (mm) and again when it is at least 1.0mm is counted. A 'trace' of precipitation (less than 0.05mm) is excluded by the lower limit and thus most occasions on which precipitation is wholly in the form of dew are excluded.

Snow or sleet: Every day when snow or sleet (rain or drizzle and snow) is observed to fall at any time between midnight and 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 provided that the snow covers more than one half of the ground easily visible from the station and the altitude of this ground does not differ by more than 30m from that 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 hail is defined as pieces of ice with diameters of 5mm or more falling either separately or agglomerated into irregular lumps, and the day is between midnight and 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 5mm 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: A day of fog is one on which at 09h the visibility is less than 1000m in the direction of worst visibility. Any variation in the time of observation may make a great difference to the statistics of fog frequency.

Air frost: An air frost is counted when the minimum air temperature read at either 09h or 21h is below 0°C.

Grass minimum below 0°C: A day of grass minimum temperature below 0°C is counted when the reading on the grass minimum thermometer at 09h is below 0°C, the thermometer having been set and exposed at 21h or soon after sunset the previous evening or, at stations where this is not possible, at 09h the previous day. The time of setting the thermometer should not vary from day to day and the temperature is credited to the day of reading. The grass minimum temperature refers either to the 24 hour period 09h to 09h or to the shorter period covering the night, for example, sunset to 09h.

Concrete minimum below 0°C: At a number of stations a minimum thermometer is set and exposed at the same time as the grass minimum thermometer but with its bulb resting on the centre of the smooth surface of a slab of concrete of specified standard dimensions and composition. A day of concrete minimum temperature below 0°C is analogous to a day of grass minimum temperature 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 (kt) (force 8 on the Beaufort Scale) over a period of at least several minutes (10 minutes in the case of a station equipped with an anemograph) during the period 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 during which the sun is over 3° above the horizon. Details of percentage obstruction at sites annotated S are available on request.

Table 4 Summary of observations at fixed hours

Fixed hour observations of various elements have appeared in the *Monthly Weather Report* since 1906 when the hours were 09, 21h for voluntary climatological stations and 08, 18h for official (then known as telegraphic reporting) stations. In 1909 the hours became 09, 15, 21h and 07, 13 and 18 or 21h respectively. The table assumed its present form in 1914 but it was not called Table IV until 1915. The hours for official stations became 07, 13, 18 and 21 or 01h in 1923 and 00, 06, 12, 18h in 1944. In 1945 the hours for all stations became 03, 09 15 and 21h. Since January 1974 stations have appeared in alphabetical order under counties which have been arranged geographically within climatological districts.

Observations may not be available for all stations at all the four hours quoted above and no summary is published for any element for which 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 1941-70 and are given in Climatological Memorandum No 51A obtainable from the Meteorological Office.

HUMIDITY. Monthly mean values of vapour pressure and relative humidity are calculated from daily values based upon readings of dry-bulb and wet-bulb thermometers in louvered screens except at Eskdalemuir, Kew and Lerwick where readings of aspirated psychrometers are used. The humidity values are derived either by the use of a humidity slide rule or from hygrometric tables both of which are based upon a formula by Regnault. The hygrometric tables (Met O 265) are issued by the Meteorological Office and published by Her Majesty's Stationery Office.

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. Speeds are adjusted to an effective height of 10m. At a station which has an anemograph the mean speed and mean direction over an observation period of 10 minutes ending at the hour are used. However, if there has been a significant change in speed (10 kt or more) or direction (30 degrees or more) and the new mean value has been maintained for at least 3 minutes then this value is used instead. Where there are indicating instruments only, the means of several 15 to 20 second readings taken over the period of observation are used but again, if there has been a significant change the means of several readings after the change are used instead. At a station with no wind instruments an eye estimate is made of direction, and speed is estimated using the Beaufort scale of wind force.

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

For the year as a whole this table has been published in the *Monthly Weather Report* since the summary for 1913 and has also appeared monthly since January 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. For stations at which extreme temperatures are read at both 09 and 21h, Table 5 contains only day maxima and night minima. Thus the statistics for these stations are not strictly comparable with statistics for those at which extremes are read at 09h only (see notes on air temperature, Table 3).

Table 6 Summary of autographic records of wind

Tables in a similar form to this summarizing monthly and annual wind data for stations with anemographs were first published in the *Monthly Weather Report* in 1914. At first the monthly table was called Table V but it became Table II in 1915; minor revisions were made to it in 1923 and 1956 and it was re-numbered Table 6 in 1971. The annual table began as Table XI, changed to Table XII in 1915, reverted to Table XI in 1919 and became Table IX in 1952. It was re-numbered Table 6 in 1971, becoming strictly analogous to its monthly counterpart. From January 1974, stations have been listed alphabetically in counties which have been arranged geographically within climatological districts. The majority of records used in the preparation of this table are now obtained from electrical anemographs, 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. In 1971 and 1972 the criteria given below applied to the publication of data in this table.

1. The distribution of hourly mean values of wind speed was not published monthly if
 - (a) data were missing or estimated for more than 80 hours, or
 - (b) data were missing or estimated for 80 hours or less but there were 40 or more consecutive hours of missing or estimated data.
 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 was not published annually if
 - (a) data were missing or estimated for more than 800 hours, or
 - (b) data were missing or estimated for 800 hours or less but there were 400 or more consecutive hours of missing or estimated data.
3. Highest hourly wind and gust was published even if the distribution of hourly mean values of wind speed was not published, but only if the values were deemed (by a comparison with neighbouring stations) as being unlikely to have been exceeded during any period of missing observations.
4. A mean hourly wind speed was not published if the distribution of hourly mean values of wind speed was not published. The value was computed by dividing the sum of the actual and estimated hourly mean wind speeds by the total number of hours for which the data were summed.
5. If the above criteria resulted in no summary or only a partial summary, the entry 'Defective record' was inserted in the table.

From the beginning of 1973 criteria 1 to 5 above have been modified as follows:

- 1 and 2: Delete the words 'or estimated' wherever they occur,
- 3 and 4: No change,
- 5: An entry of 'defective record' means that some data are available but, for various reasons which include those stated in 1 and 2, they have not been summarized.

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 10m above ground in the open'. The table includes some information concerning the actual exposure of the instrument at each station. 'Height of vane' refers to the height of the wind-speed sensor, that is, the vane of a pressure-tube anemograph or the cups of an electrical anemograph. Effective height is the height over open level terrain in the vicinity of the anemograph at which, it is estimated, the same mean wind speeds as those actually recorded would occur. In the columns headed 'number of hours' under the general heading 'distribution of hourly mean values of wind speed' the entries refer to the number of 60-minute periods beginning at exact hours in each of which the mean wind speed (not adjusted to an effective height of 10m) 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 beginning at an exact hour. Under the heading 'veer from N' the direction in degrees from which the wind was blowing is stated, for example the entry for an east wind is 090, that for a south wind is 180 and so on.

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

This table appears in the Annual Summary. It was first published in the *Monthly Weather Report* in 1934 as Table XIIA; it became Table X in 1952 and Table 7 in 1971. When a period of missing or defective record rendered a value doubtful, that value was placed in parentheses () and from 1966 in square brackets []. 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 a 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. From January 1973, a change in the procedure for the extraction of number of hours of gusts has resulted in a slight change in the statistic. Up to and including December 1972, the number of hours of gusts in any windy period was determined by considering the interval of time between the first gust and the last gust to exceed the threshold. From January 1973 the tabulation has included the number of 60-minute periods beginning at exact hours during which gusts above the relevant threshold have occurred. Thus, the new procedure yields slightly higher values of the number of hours of gusts than did the old procedure. An investigation was undertaken to obtain empirical relationships between the old and new statistics and details can be made available on request.

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

A similar table to this appeared in 1908 as an appendix to the *Weekly Weather Report* and was transferred to the *Monthly Weather Report* in 1914 as Table XV. In 1919 and 1920 and from 1923 to 1951 the table number was XIV. In 1952 it was re-numbered Table XII and in 1971, Table 8.

This table includes all dates on which gusts exceeding 47 kt were recorded. From about 1940 the table also included notes of all periods during which the record was missing or defective. However, from 1971 reference has been restricted to those periods of missing or defective data during which it is considered that gusts may have exceeded 47 kt thus indicating that the number of occasions published may be too few.

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

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

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

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

This table is published 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.

For those stations at which extreme temperatures are read at both 09 and 21 h the temperatures quoted are night minima and day maxima (see air temperature notes on Table 3).

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

Published in the Annual Summary, this table dates from 1913 when, as Table II, monthly and annual frequencies were given for about 20 stations. In 1914 the table became Table VI and in 1949 the annual frequencies were discontinued. The table was re-numbered Table 11 in 1971.

Table 12 Number of days with rainfall between given limits

This table, which gives yearly data only, has appeared in the Annual Summary 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.

Quality control of data

Prior to the compilation of the summaries which appear in the Tables, the data are subjected to critical scrutiny to detect and eliminate as far as possible errors arising from misreading of instruments and miscopying. Computer methods are being used increasingly to detect those values which, on meteorological grounds, appear suspect. Human scrutiny then determines whether the data are, in fact, erroneous and correction action is taken in consultation with the observers concerned. The great advantage of computer scrutiny is that all data can be subjected quickly to a common level of checking which was not attainable with conventional 'hand and eye' methods. For some years, data summarised in Tables 2, 4 and 6 have been subject to computer scrutiny, and during 1972, methods were developed for the extension of this type of scrutiny to Table 3 data. All Tables are now prepared by computer after corrections have been incorporated.

Stations completing climatological returns

The following are amendments to the full list of stations completing climatological returns which was published in the Introduction to the Monthly Weather Report for 1972.

Deletions

Exeter (Southam)

Stornoway Coastguard

Wellington

The following stations closed during the years stated:

1973

Bessbrook
Comrie
Glamis Castle
Spadeadam

Black Mountain
Duntulm
Lauder
Wakehurst

Cirencester
Fort William
Roscor
West Camel

1974

Addington
Chivenor
Cricket Malherbie
Fettercairn
Marton
Sourhope
The Lake

Belper
Church Fenton
Crossmyloof
Kildonan
Middlesbrough
Sule Skerry
Virginstowe

Cheddar
Coventry
Eastbourne Coastguard
Manby
Rochdale
Swyddffynnon
Walton-on-Naze

Returns from the following stations ceased during the years stated:

1973

Burlingham

Finchampstead

Weston-super-Mare

1974

Berwick-on-Tweed

Tredegar

Additions - Returns commenced during 1974

The following should be included in the full list of stations:

Station (County)	Type	First published in MWR	Lat °	Long °	Grid Reference	Authority
<i>Aberdare</i> (Mid Glamorgan)	Sb	Not Publ.	51 43N	03 28W	22-991032	Director of Works
<i>Ballywatticock</i> (Co. Down)	Sun	Not Publ.	54 34N	05 41W	IJ(33)- 516719	Mr. D. Crowe
<i>Benson</i> (Oxford)	SaA	Not Publ.	51 37N	01 05W	41-633909	Meteorological Office
<i>Blairvadach</i> (Dunbarton)	C	Not Publ.	56 01N	04 47W	26-260852	Principal, Sailing and Outdoor Centre
<i>Blyth</i> (Northumberland)	A	Not Publ.	55 08N	01 30W	45-316822	Alcan Ltd
<i>Brawdy</i> (Dyfed)	SaA	Not Publ.	51 52N	05 08W	12-851248	Meteorological Office
<i>Bridgend</i> (Mid Glamorgan)	C	Not Publ.	51 30N	03 33W	21-919796	Welsh Nat. Water Authority
<i>Broadwell</i> (Warwickshire)	C	Not Publ.	52 18N	01 19W	42-457659	Mr. G. H. Thompson
<i>Carmony</i> (Co. Londonderry)	C	Not Publ.	55 01N	07 14W	IC(24)- 503197	Department of the Environment
<i>Cilfynydd</i> (Mid Glamorgan)	SbA	Not Publ.	51 38N	03 18W	31-099939	CEGB
<i>Coulport</i> (Dunbarton)	C	Not Publ.	56 03N	04 52W	26-212889	R.N. Naval Ordnance
<i>Coventry Airport</i> (West Midlands)	C	Not Publ.	52 22N	01 29W	42-348743	Director, Environmental Health Department, City of Coventry
<i>Crianlarich</i> (Perth)	C	Not Publ.	56 25N	04 39W	27-367284	West of Scotland Agricultural College
<i>Cwmystradllyn</i> (Gwynedd)	C	Not Publ.	52 59N	04 09W	23-557442	Gwynedd River Authority
<i>Fair Isle</i> (Zetland)	Sb	Not Publ.	59 32N	01 38W	410-210712	Mr. D. Wheeler
<i>Harrow Weald</i> (Greater London)	C	Not Publ.	51 37N	00 20W	51-153920	Controller of Engineering
<i>Haughley</i> (Suffolk)	Ag	Not Publ.	52 14N	00 58E	62-041640	Haughley Research Farm

Station (County)	Type	First published in MWR	Lat °	Long °	Grid Reference	Authority
<i>Kirton</i> (Lincoln)	Ag	Not Publ.	52 54N	00 00	53-299395	MAFF
<i>Lentran</i> (Inverness)	C	Not Publ.	57 27N	04 22W	28-878436	Mr. Geddes
<i>Linton-on-Ouse</i> (North Yorkshire)	A	Not Publ.	54 03N	01 15W	44-492615	Meteorological Office
<i>Llyn Alaw</i> (Gwynedd)	C	Not Publ.	53 20N	04 27W	23-384854	Gwynedd River Authority
<i>Loch Oich</i> (Inverness)	C	Not Publ.	57 03N	04 43W	27-303982	Mr. D. Brush
<i>Long Lawford</i> (Warwick)	C	Not Publ.	52 23N	01 18W	42-473759	Mr. S. Burt
<i>Low Etherley</i> (Durham)	C	Not Publ.	54 39N	01 44W	45-169289	Mr. K. Cook
<i>Pathhead</i> (Midlothian)	C	Not Publ.	55 53N	02 50W	36-413662	Scot. Plant Breeding Research Station
<i>Scampton</i> (Lincoln)	A	Not Publ.	53 19N	00 33W	43-966802	Meteorological Office
<i>Scatsta</i> (Zetland)	C	Not Publ.	60 27N	01 18W	411-382730	Scot. Plant Breeding Research Station
<i>Snaizholme</i> (North Yorkshire)	C	Not Publ.	54 16N	02 15W	34-830865	Mr. H. Kemp
<i>Southampton Weather Centre</i> (Hampshire)	Sa	Not Publ.	50 54N	01 24W	41-420115	Meteorological Office
<i>South Gare</i> (Cleveland)	A	Not Publ.	54 39N	01 08W	45-557283	Tees and Hartlepool Port Authority
<i>Stanford-le-Hope</i> (Essex)	C	Not Publ.	51 30N	00 26W	51-685814	Thurrock District Council
<i>Tievenny</i> (Co. Tyrone)	C	Not Publ.	54 43N	07 30W	IH(23)-325863	Department of the Environment
<i>Tregaron</i> (Dyfed)	C	Not Publ.	52 15N	03 58W	22-667625	Nature Conservancy Council
<i>Widdybank Fell</i> (Cumbria)	C	Not Publ.	54 40N	02 17W	35-818298	Nature Conservancy Council

The following changes took place during 1973 and 1974

New Site and/or Authority:

October	1973	Filton (Avon)	51° 31'N	02° 35'W	NGR. 31-600805
November	1973	Stornoway (Ross and Cromarty)	58° 13'N	06° 19'W	NGR. 19-464332
January	1974	Everton (Hampshire)	50° 44'N	01° 34'W	NGR. 40-302937
April	1974	Llandrindod Wells (Powys)	52° 14'N	03° 22'W	NGR. 32-056616
			Authority: Llandrindod High School		
September	1974	East Malling (Kent)	51° 17'N	00° 27'E	NGR. 51-708570

New Authority:

Alwen (Clwyd)	North West Water Authority
Bradford (West Yorkshire)	Bradford Metropolitan District Council
Brighton (East Sussex)	Brighton Borough Council
Bugbrooke Mills (Northampton)	Anglian Water Authority
Buxton (Derby)	Borough of High Peak
Cardiff (South Glamorgan)	South Glamorgan Education Authority
Fraserburgh (Aberdeen)	Northern Lighthouse Board
Harrogate (North Yorkshire)	Yorkshire Water Authority
Hastings (East Sussex)	Hastings Borough Council
Haverfordwest (Dyfed)	Welsh National Water Development Authority
Hereford Sewage Works (Hereford and Worcester)	Welsh National Water Development Authority
Hull (Humberside)	Director, Leisure Services Department
Ilfracombe (Devon)	North Devon District Council
Ilkley (West Yorkshire)	Bradford Metropolitan District Council
Lake Vyrnwy (Powys)	Severn-Trent Water Authority
Lowestoft (Suffolk)	Waveney District Council
Moor House (Cumbria)	Nature Conservancy Council
Monks Wood (Cambridge)	Institute of Terrestrial Ecology
Plumpton (East Sussex)	Southern Water Authority
Scarborough (North Yorkshire)	Director of Technical Services
Shrewsbury (Salop)	Severn-Trent Water Authority
Southport (Merseyside)	North West Water Authority
Southsea (Hampshire)	Portsmouth City Environmental Health Officer
Stone (Stafford)	Animal Breeding Research Organisation

Change of type of station:

September	1974	Little Rissington (Gloucester)	Sa to SaA
October	1974	Ross-on-Wye (Hereford and Worcester)	SbA to C
November	1974	Bastreet (Cornwall)	C to Sb

Stations with new county names

Aber	(Gwynedd)	Finningley	(South Yorkshire)
Aberporth and Aberporth	(Dyfed)	Gatwick	(West Sussex)
RAE		Gogerddan	(Dyfed)
Aberystwyth	(Dyfed)	Great Dun Fell	(Cumbria)
Abingdon	(Oxford)	Grizedale	(Cumbria)
Aigburth	(Merseyside)	Hampton Loade	(Salop)
Alwen	(Clwyd)	Harrogate	(North Yorkshire)
Askham Bryan	(North Yorkshire)	Hartburn Grange	(Cleveland)
Avonmouth	(Avon)	Hartlepool	(Cleveland)
Bala	(Gwynedd)	Hastings	(East Sussex)
Bardsey Island	(Gwynedd)	Haverfordwest	(Dyfed)
Bath	(Avon)	Hawarden Bridge	(Clwyd)
Bexhill	(East Sussex)	Hereford Sewage Works	(Hereford and Worcester)
Birmingham, Edgbaston,	(West Midlands)	Heversham	(Cumbria)
Elmdon and King		High Mowthorpe	(North Yorkshire)
Edward School		Huddersfield, Oakes	(West Yorkshire)
Bodiam	(East Sussex)	and Ravensknowle	
Bognor Regis	(West Sussex)	Hull	(Humberside)
Bolton	(Greater Manchester)	Hurn	(Dorset)
Botwnnog	(Gwynedd)	Ilkley	(West Yorkshire)
Bournemouth	(Dorset)	Ipsley Sewage Works	(Hereford and Worcester)
Bradford	(West Yorkshire)	Kilnsea	(Humberside)
Bramham	(West Yorkshire)	Lake Vyrnwy	(Powys)
Bridlington	(Humberside)	Leeming	(North Yorkshire)
Brigg	(Humberside)	Letcombe Regis	(Oxford)
Brighton and Brighton	(East Sussex)	Littlehampton	(West Sussex)
Marina		Llandrindod Wells	(Powys)
Bromfield	(Cumbria)	Llangenny	(Powys)
Brynaman	(Dyfed)	Llety-ewan-Hen	(Dyfed)
Bwlchgwyn	(Clwyd)	Llwynon	(Mid Glamorgan)
Cardiff	(South Glamorgan)	Loggerheads	(Clwyd)
Carlisle	(Cumbria)	Long Ashton	(Avon)
Carmarthen	(Dyfed)	Lyonshall	(Hereford and Worcester)
Cartmel	(Cumbria)	Malham Tarn	(North Yorkshire)
Cawood	(North Yorkshire)	Malvern	(Hereford and Worcester)
Ceinws	(Powys)	Manchester Weather	(Greater Manchester)
Cenarth Mill	(Powys)	Centre	
Chopwellwood	(Tyne and Wear)	Marholm	(Cambridge)
Christchurch	(Dorset)	Marton	(Cleveland)
Church Fenton	(North Yorkshire)	Middlesbrough	(Cleveland)
Cleethorpes	(Humberside)	Milford Haven	(Dyfed)
Colwyn Bay	(Clwyd)	Moel Cynnedd	(Powys)
Corwen	(Clwyd)	Monks Wood	(Cambridge)
Cottesmore	(Leicester)	Moor House	(Cumbria)
Crumbland	(Gwent)	Mumbles Head	(West Glamorgan)
Cwmystwyth	(Dyfed)	Neath	(West Glamorgan)
Dale Fort	(Dyfed)	Newport	(Gwent instead of Monmouth)
Eastbourne and East-	(East Sussex)	Newport	(Salop instead of Shropshire)
bourne Coastguard		Newton Rigg	(Cumbria)
East Hoathly	(East Sussex)	North Heath	(West Sussex)
Esgairwen-Uchaf	(Dyfed)	Orielton	(Dyfed)
Fernhurst	(West Sussex)	Oswestry	(Salop)
Filey	(North Yorkshire)	Penmaen	(West Glamorgan)
Filton	(Avon)	Pen-y-ffridd	(Gwynedd)

Pershore and Pershore College of Horticulture	(Hereford and Worcester)	Southport	(Merseyside)
Pickering	(North Yorkshire)	South Shields	(Tyne and Wear)
Plumpton	(East Sussex)	Speke	(Merseyside)
Pontefract	(West Yorkshire)	Swansea	(West Glamorgan)
Porthcawl	(Mid Glamorgan)	Swyddffynnon	(Dyfed)
Port Talbot	(West Glamorgan)	Tenby	(Dyfed)
Prestatyn	(Clwyd)	Thorney Island	(West Sussex)
Preston Wynne	(Hereford and Worcester)	Todmorden	(West Yorkshire)
Rhoose	(South Glamorgan)	Trawscoed	(Dyfed)
Rhyl	(Clwyd)	Trawsfynydd	(Gwynedd)
Ringway	(Greater Manchester)	Tynemouth	(Tyne and Wear)
Rochdale	(Greater Manchester)	Tredegar	(Gwent)
Rogate	(West Sussex)	Usk	(Gwent)
Ross-on-Wye	(Hereford and Worcester)	Valley	(Gwynedd)
Rustington	(West Sussex)	Wallingford	(Oxford)
Ruthin	(Clwyd)	Walsall	(West Midlands)
St Helens	(Merseyside)	Washington	(Tyne and Wear)
Scarborough	(North Yorkshire)	West Kirby Park	(Merseyside)
Sellafield	(Cumbria)	Whitby and Whitby Coastguard	(North Yorkshire)
Shawbury	(Salop)	Whiteford Burrows	(West Glamorgan)
Sheffield and Sheffield University	(South Yorkshire)	Wilsden, Bingley	(West Yorkshire)
Shrewsbury	(Salop)	Wilton Park	(West Yorkshire)
Silpho Moor	(North Yorkshire)	Wittering	(Cambridge)
Skokholm	(Dyfed)	Worthing	(West Sussex)
Slaidburn	(Lancashire)	Wrexham	(Clwyd)
		Wyton	(Cambridge)
		York, Heslington	(North Yorkshire)

Corrections

National Grid Reference for Little Rissington (Gloucester) should be 42-210193

Shawbury: Station type should be SaA not Sa

Wilsden (Bingley): Station type should be SbA not Sb

Please correct the spelling of Morcambe to 'Morecambe'.

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MONTHLY WEATHER REPORT

JANUARY 1974
VOLUME 91 NUMBER 1

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Mild and Stormy

Vigorous depressions and fronts from the Atlantic frequently affected the United Kingdom. High pressure systems were usually weak but an intense anticyclone drifting eastwards over France dominated the weather in southern and eastern districts for a few days during the third week.

Weather

The month was mostly mild, wet and very windy. Snow or sleet (snow mixed with rain or drizzle) fell at times mostly on high ground and hail and thunder were also reported. On one or two days thunderstorms were widespread especially in England and Wales and there were reports of tornadoes in a few localities.

Wind

Frequent strong winds or gales blew mostly from directions between south and west. Gales often affected exposed coastal districts but were sometimes more widespread and occasionally very severe. A number of people were reported to have been killed during the gales chiefly by falling trees or masonry. Property damage also occurred in many places. Gusts exceeding 60 kt were frequent and occasionally wind speeds exceeding 80 kt were recorded. On the 8th gales were severe for a time over England and Wales and a gust of 89 kt occurred at Port Talbot (West Glamorgan). On the 12th gales were again severe in Northern Ireland, Scotland and in the north and west of England and Wales and a gust of 114 kt was reported from the high-level station at Great Dun Fell (Cumbria). On the same day at Kilkeel (Co.Down) there was a mean hourly wind speed of 54 kt and a gust of 108 kt, the highest wind speeds so far recorded in Northern Ireland. During widespread gales on the 28th further strong winds occurred including one gust of 87 kt at Castle Archdale Forest (Co.Fermanagh).

Temperature

This month was probably the mildest January in most parts of Northern Ireland for 20 years and in England, Wales and Scotland as a whole for at least 30 years. Monthly mean temperatures were generally 1.5 to 3.0 degC higher than average except in parts of eastern Scotland where they were 3.0 to 3.5 degC above average. Just after mid month it was exceptionally mild for a few days and maximum temperatures exceeded 13°C at a number of places in England, Wales and eastern Scotland. At Winnington (Cheshire) the temperature rose to 15.3°C on the 17th, the highest temperature recorded there in January since records began in 1947. Frost occurred on many nights in Scotland but it was less frequent elsewhere. On the 1st, patches of freezing fog persisted until late afternoon in East Anglia and temperatures barely reached 0°C in the places affected by the fog.

Rainfall (including melted snow)

It was probably the wettest January in Scotland generally since 1928, in Northern Ireland since 1948 and in England and Wales as a whole since

DUPLICATE ALSO

1960. Many districts were considerably wetter than normal and parts of central Scotland had more than three times their average rainfall. On the other hand, some northern, eastern and southern districts of Great Britain were drier than average and in eastern Scotland a few places received less than half of their average rainfall. Heavy rain occurred frequently, especially in the north and west; snow, sleet or hail fell at times and thunder was also reported. Between the 6th and 11th thunderstorms were occasionally widespread in the southern half of England and Wales and one or two small tornadoes caused substantial local damage. On the 8th heavy rain produced extensive flooding in some southern coastal districts. Many heavy 'daily' falls were recorded. On the 4th Waen Sychlwch (Dyfed) had 123.0 mm of rain in the 24 hours from 09 GMT and during the same period 111.7 mm of rain fell at Ponsworthy (Devon). On the 11th there were floods in western and southern Scotland when heavy rainfall was accompanied by high tides and strong winds. Further floods occurred in parts of western Scotland on the 17th and 18th following prolonged heavy rain. In the 24 hours from 09 GMT on the 17th a fall of 238.4 mm was measured at Loch Sloy, Main Adit (Dunbartonshire), the greatest amount of rain in a 'rain-fall day' ever recorded in Scotland. Further noteworthy 'daily' falls included one of 84.8 mm at Long House (Cumbria) and another of 77.6 mm at Tollymore Park (Co.Down), both on the 29th.

Snow

Significant accumulations of snow were confined to high ground in Scotland and northern England where undrifted depths of 10 to 23 cm were measured around mid month and again during the last week. The snow did not lie for long except on the higher slopes of the mountains.

Sunshine

Although sunshine varied considerably over small areas most places in the south and west had less sunshine than normal whereas central, eastern and northern districts were mostly sunnier than average. Parts of western Scotland had 40 to 50 per cent of average but in eastern England and eastern Scotland there were places with 150 per cent or more of average. There were no prolonged sunny spells but districts to the north and east of high ground had long sunny periods on a number of days.

Fog

Occurrences of fog on low ground at night were few, were almost entirely confined to the Midlands, eastern and southern England and were generally of short duration. However, on the 1st freezing fog did not disperse until the late afternoon in one or two places in East Anglia. Hill fog was occasionally reported in Scotland.

Miscellaneous Phenomena

On the 6th a heavy squall or whirlwind (tornado) damaged buildings and trees in the vicinity of St Catherine's Lighthouse (Isle of Wight). On the 7th a tornado or tornadoes caused damage along a line from Plymouth through Sidbury (Devon) to Crewkerne (Somerset) early in the morning. Press reports spoke of particularly severe damage to buildings, trees and vehicles in Crewkerne. Later, Southampton and Gerrards Cross (Buckinghamshire) were also affected. On the same day further Press reports of damage in the village of Camber near Rye (East Sussex) and in Deanshanger (Northamptonshire) suggest that tornadoes may also have been responsible. A small whirlwind was also observed on the morning of the 11th at Hurley (Berkshire).

In Scotland the aurora was observed on 6 nights.

Table 1 District values

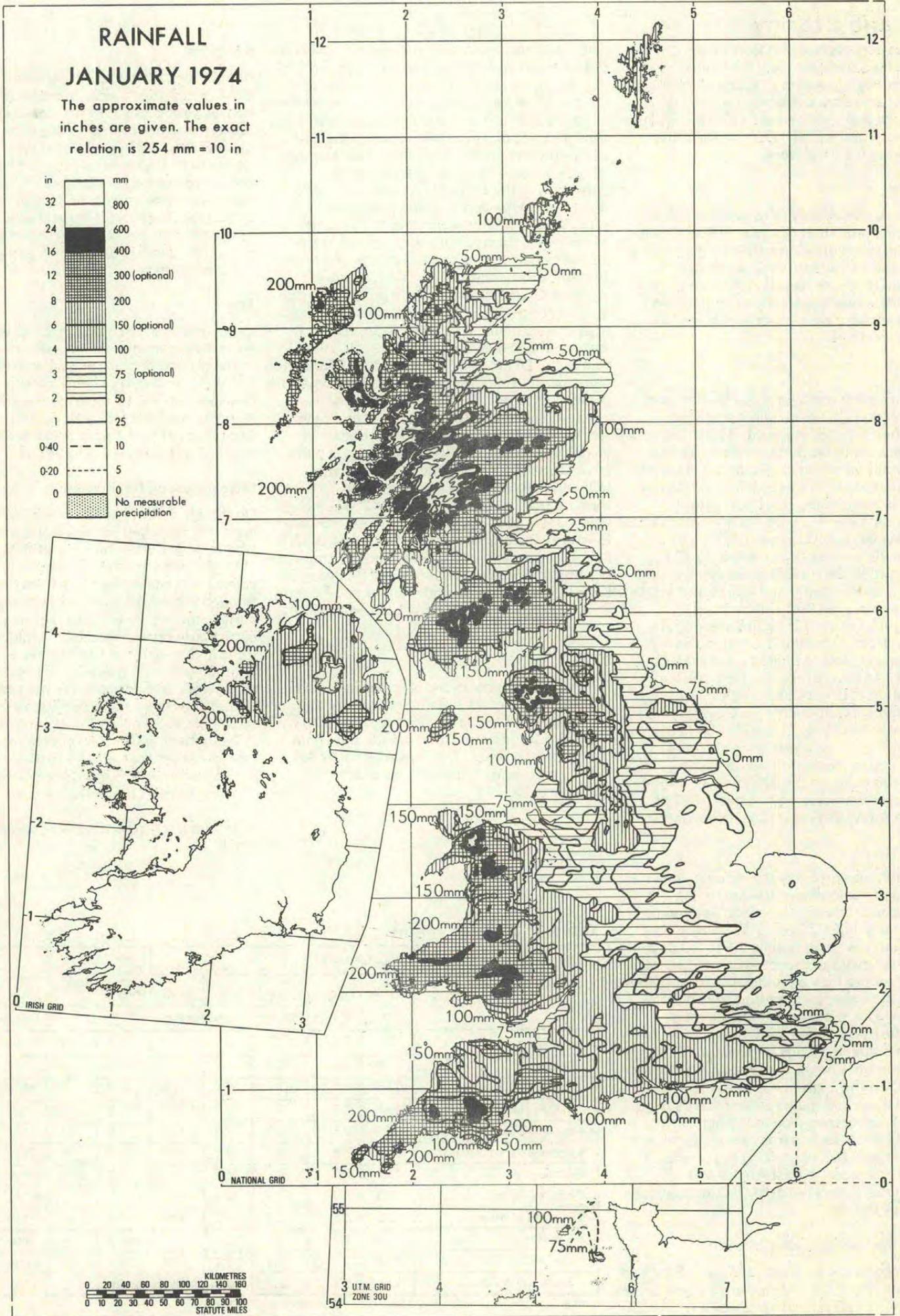
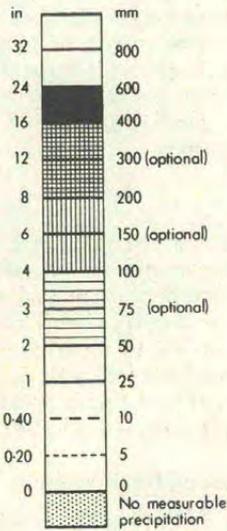
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	12.5	-1.0	+2.2	+2.1	+2.2	+1.1	+3	+163	+77
1 Scotland E	13.6	-3.0	+2.6	+2.2	+2.4	+1.6	+3	+144	+106
2 England E & NE	12.8	-8.9	+2.7	+2.0	+2.4	+1.3	-1	+116	+131
3 East Anglia	14.5	-5.7	+3.1	+2.2	+2.6	+1.8	0	+87	+106
4 Midland Counties	13.0	-6.2	+3.0	+2.3	+2.7	+1.5	+2	+131	+133
5 England SE & Central S	14.0	-3.5	+2.8	+2.9	+2.9	+1.9	+5	+144	+82
6 Scotland W	11.4	-6.0	+2.2	+2.7	+2.5	+1.5	+9	+189	+69
7 Eng N W & Wales N	12.9	-3.3	+2.4	+2.6	+2.5	+1.5	+5	+141	+105
8 Eng S W & Wales S	13.2	-8.1	+2.3	+1.9	+2.1	+1.4	+7	+166	+91
N Ireland	11.9	-2.2	+2.3	+2.0	+2.2	+1.3	+4	+140	+78
Scotland	13.6	-6.0	+2.4	+2.3	+2.4	+1.4	+5	+165	+86
England & Wales	14.5	-8.9	+2.7	+2.3	+2.5	+1.6	+3	+131	+110

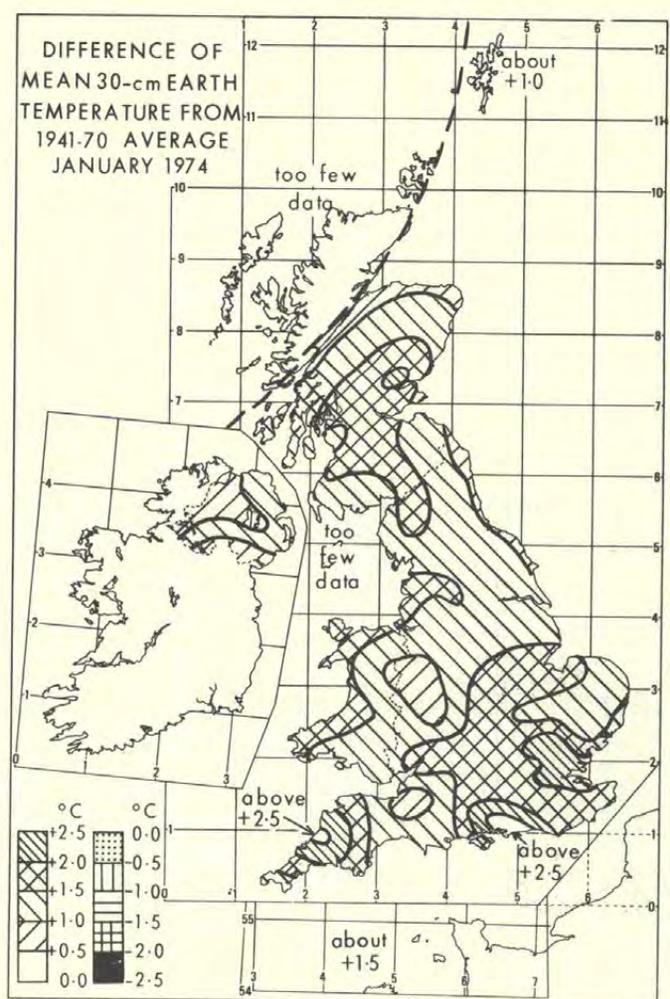
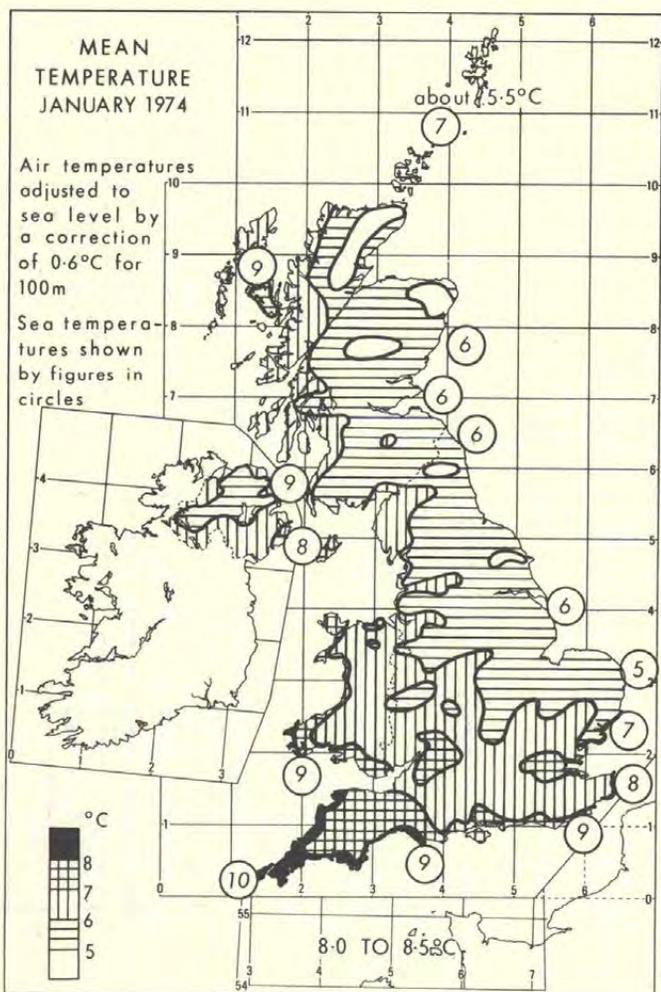
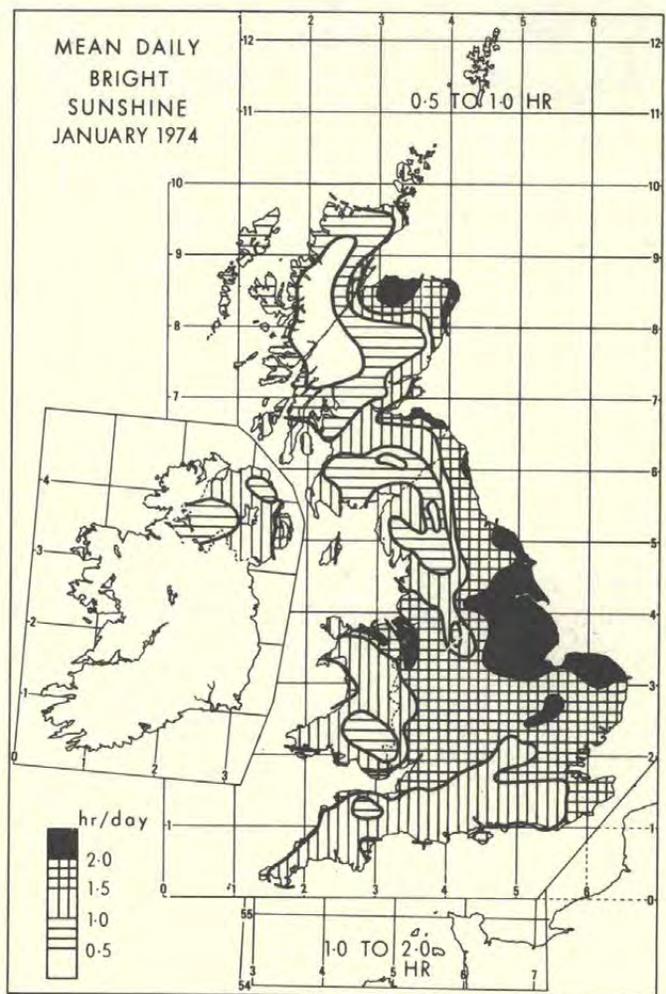
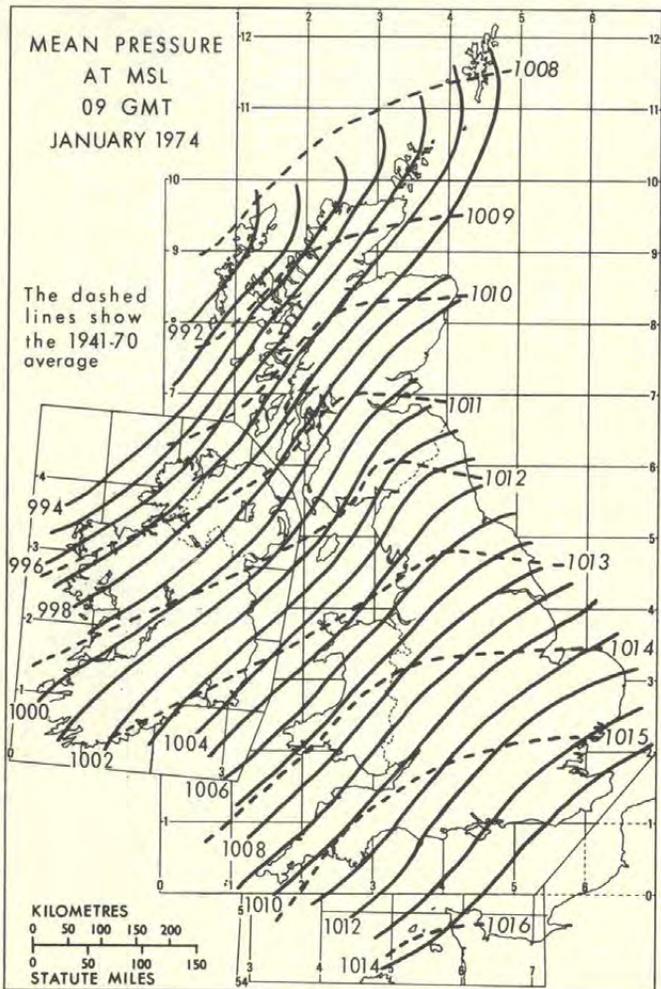
*Highest maximum and Lowest Minimum of District Value Stations

RAINFALL

JANUARY 1974

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





SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT	MOST IN A DAY		PRECIP- ITATION		SNOW LYING AT 0H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					DATE	DATE	0.2 MM OR MORE	1.0 MM OR MORE												SNOW OR SLEET	SNOW LYING AT 0H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORALE
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT	DATE	DATE	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 0H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE					
0 SCOTLAND N																																	
ZETLAND																																	
BALMASOUND	9 9	24	6.9	3.3	5.1	+2.0	9.2	17	-0.7	1	5.0	-	149	117	17	18	29	27	3	0	0	1	0	0	1	0	0	1	16	0.54	93		
LERWICK	21 9	82																															
PSYCHROMETER			6.4	3.8	5.1	-	8.7	19	0.8	15			134	-	14	18	27	24	2	0	0	5	0	0	0	0	0	5	4	11	0.52	66	
SCREEN			6.6	3.7	5.1	+2.1	8.8	18.19	0.7	15																							
ORKNEY																																	
KIRKWALL AIRPORT	21-9	26	6.7	3.5	5.1	+1.5	10.6	18	0.5	17.27			108	-	13	8	24	21	4	0	0	2	0	0	0	0	0	0	7	9	1.25	118	
STENNESS	9 9	23	7.3	3.3	5.3	-	10.0	17	0.0	17	4.5	5.6	131	-	15	7	27	23	0	0	0	0	0	0	0	0	13	0	4	4	0.96	-	
SULE SKERRY	21-9	13	8.0	4.6	6.3	-	9.5	17.18	1.01	28			118	-	23	18	27	23	0	0	0	0	0	0	0	0	0	0	4	4	-	-	
CAITHNESS																																	
DOUNREAY	9 9	21																															
KEISS	9 9	30	7.2	2.1	4.7	-	11.3	19	-0.5	10.16.17	3.9	4.9	58	-	6	7.8.11	20	15	1	-	1	1	0	0	0	0	4	11	5	1.65	-		
WICK	21-9	36	7.1	3.5	5.3	+2.2	11.1	19	0.2	17			51	62	6	8	21	16	1	0	1	0	0	0	0	0	0	4	7	12	2	1.50	105
SUTHERLAND																																	
CAPE WRATH	21-9	112	7.4	4.1	5.7	+1.4	12.4	4.5	0.0	27			95	87	16	18	23	16	4	0	0	3	1	0	0	0	0	2	2	8	0.83	-	
LAIRG			7.5	0.5	4.0	-	11.2	5	-2.5	9	3.1	4.7	102	-	16	18	25	17	6	1	1	1	0	0	0	0	14	25	-	2	1.14	-	
STRATHY	9 9	37	7.6	1.6	4.6	+2.1	11.4	19	-1.6	15			63	-	7	13	24	17	3	1	0	0	0	0	0	0	8	4	4	0.97	96		
ROSS & CROMARTY																																	
ACHINASHELLACH	9 9	67	9.1	2.7	5.9	+3.3	13.9	4	-0.6	16			411	196	97	17	28	27	4	0	0	3	2	0	0	3	-	-	-	-	-		
BALMACARRA	9 9	4	9.3	4.4	6.9	-	12.6	4	0.8	29			261	-	22	26	28	27	0	0	0	0	0	0	0	0	0	0	2	2	-	-	
CONT IN CRAIGDARROCH	9 9	38	8.1	0.8	4.5	-	12.5	4	-3.0	3			110	-	18	17	24	19	5	1	1	1	0	0	0	16	21	-	-	-	-		
FORTROSE	9 9	5	8.4	3.1	5.7	+2.2	12.5	4	0.0	17			44	87	7	16	16	12	1	0	0	0	0	0	0	0	0	3	3	1.73	122		
INVERPOLLY	9 9	14	9.0	3.7	6.3	-	14.0	4	-0.9	28	5.2		120	-	12	23	28	22	4	0	4	1	1	1	1	1	12	-	14	0.58	-		
KINLOCHENE	9 9	23	8.6	2.9	5.7	-	12.2	4	-0.5	28	4.7		266	-	34	18	28	26	1	0	0	0	0	0	0	0	1	16	0	0	0.38	-	
POOLEWE	9 9	6	9.2	4.6	6.9	-	13.6	4	0.6	17			172	-	18	17	29	26	0	0	1	0	0	0	0	0	0	9	1	1	0.61	-	
RUBH RE	21-9	16	8.3	4.8	6.5	-	12.8	5	0.9	16			154	-	12	10	28	25	4	0	0	2	1	0	0	0	0	1	13	-	-		
STORNOWAY	21-9	3	7.8	4.6	6.2	+2.1	11.0	4	-0.2	16			185	-	24	25	29	25	6	0	1	6	0	0	1	5	5	9	0.48	41			
STRATHCONON	9 9	107	7.9	1.3	4.6	-	12.1	4	-3.3	10			216	-	37	17	28	21	5	2	0	1	0	0	0	11	28	-	-	-	-		
TARBATNESS	21-9	18	7.6	3.6	5.6	+2.4	11.8	18	0.2	27			30	-	3	11	19	13	2	0	0	0	0	0	0	0	0	0	1	-	-	-	
INVERNESS																																	
BENBECULA	21-9	6	8.1	4.5	6.3	+1.7	10.8	4	1.0	10.16			232	-	30	4	30	27	4	0	4	3	2	0	0	3	2	10	0.66	53			
CORPACH	9 9	8	9.2	2.9	6.1	-	13.0	4	-1.9	28			424	-	38	28	29	27	3	0	0	4	2	0	3	16	0	0	0	0	-	-	
DALWHINNIE	9 9	351	5.4	0.5	2.9	-	10.1	18	-3.5	3			437	-	47	11	28	28	12	4	0	0	0	0	0	0	12	18	-	4	0.52	-	
GLENMERE LODGE	9 9	341																															
INVERNESS	9 9	4	8.8	3.0	5.9	-	13.0	18	-1.0	10			51	-	7	23	21	17	1	0	0	0	0	0	0	2	15	-	0	1.51	-		
ISLE OF RHUM	9 9	5	8.8	4.2	6.5	-	11.9	4	0.4	17	5.4	6.5	459	-	33	6	30	29	1	1	0	7	1	3	0	9	-	12	8	-	-		
LAGGANLIRA	9 9	250	6.7	1.3	4.0	-	10.8	18	-3.1	22			183	-	28	11	23	20	7	1	0	0	0	0	0	7	17	-	-	-	-		
ONICH	9 9	15	9.0	2.6	5.8	+2.3	12.5	4	-1.0	17			461	241	50	18	28	28	-	1	-	-	-	3	3	12	-	16	3	0.40	40		
PRABOST	9 9	67	7.8	2.5	5.1	-	10.7	18	-1.0	17			296	-	31	17	28	28	7	3	3	7	2	0	3	17	-	17	-	-	0.66	-	
1 SCOTLAND E																																	
NAIRN																																	
NAIRN	9 9	6	8.6	2.3	5.5	+2.7	12.6	4	-3.0	3			43	-	8	16	21	12	1	0	0	0	0	0	0	5	20	-	1	1.79	120		
MORAY																																	
ELGIN	9 9	15	8.4	2.2	5.3	-	12.5	18	-0.3	10			32	-	10	16	15	7	-	0	-	-	-	0	1	13	-	-	-	2.33	-		
FORRES	9 9	50	8.5	2.9	5.7	+3.0	12.6	5	0.1	16	3.2	4.1	30	-	9	16	18	8	3	1	0	0	0	0	0	0	25	-	3	2.06	129		
GORDON CASTLE	9 9	32	8.6	2.9	5.7	+2.8	12.5	18	-0.1	3			38	64	11	8	14	10	1	0	0	0	0	0	0	0	1	-	4	2.25	162		
GRANTOWN-ON-SPEY	9 9	229	7.1	0.4	3.7	-	11.4	18	-3.7	10			74	-	14	11	22	15	7	2	0	1	0	0	0	14	25	-	1	1.74	-		
KINLOSS	21-9	5	8.1	3.0	5.5	+2.6	12.4	5	-2.2	10	4.8		26	-	9	16	15	8	3	0	0	0	0	0	0	6	19	16	3	2.05	-		
LOSSIEMOUTH	9 9	6	8.3	2.1	5.2	-	11.9	18	-0.8	3			26	-	9	16	16	6	-	-	-	-	-	-	-	7	-	3	-	-			
BANFF																																	
BANFF	9 9	24	7.6	2.7	5.1	-	12.0	18	0.5	10.24			42	-	9	8	14	12	-	0	-	-	-	0	0	0	0	0	0	1.89	-		
GLENLIVET	21-9	215	6.5	2.3	4.4	-	12.1	18	-2.4	22			81	-	15	16	19	17	8	1	1	0	0	0	0	8	23	23	2	2.00	-		

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	TERMINAL HEIGHT (OF OBSERVATION)		AIR TEMPERATURE IN DEGREES C							MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)											BRIGHT SUNSHINE									
	MAX.	MIN.	MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CH DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW LYING AT 0H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW POINT BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE	0-2 MM OR MORE	1.0 MM OR MORE													SNOW OR SLEET			
	HEIGHT OF STATION ABOVE MSL (METRES)																																	
2 ENGLAND E & NE -CONTINUED																																		
DURHAM	9	9	102	7.6	1.8	4.7	+2.0	11.8	18	-3.6	1	3.9	5.5	75	129	11	8	18	16	-	1	-	-	-	2	5	16	-	-	1.58	95	-		
DURHAM		
CLEVELAND		
HARTBURN GRANGE	31	8.1	1.9	5.0	-	12.0	14	-3.3	1	-	-	44	-	9	8	16	11	1	0	0	0	0	0	1	7	17	-	6	1.78	-		
HARTLEPOOL	9	8.8	2.8	5.0	+2.1	12.2	11.14	-3.4	1	-	-	37	-	9	8	14	12	1	0	0	0	0	0	1	0	7	17	-	1	1.77	-	
MARTON	46	8.3	2.6	5.0	-	11.6	14	-4.0	1	4.5	5.7	49	-	10	8	17	14	1	0	0	0	0	0	0	3	13	-	0	1.84	-		
NORTH YORKSHIRE																																		
ASKHAM BRYAN	34	-	-	-	-	-	-	-	-	-	-	67	117	12	11	14	12	0	0	0	0	0	0	5	5	13	0	0	1.88	136	-	
CANOOD	6	9.4	2.1	5.3	-	12.5	14	-3.8	1	4.4	5.3	59	-	9	10	17	13	0	0	0	0	0	0	0	5	13	0	0	1.71	-		
FILEY	37	6.9	1.9	5.0	-	12.3	14	-4.0	1	-	-	72	-	15	16	15	14	0	0	0	0	0	0	2	6	17	0	0	2.17	-		
HIGH MOUTHORPE	175	6.9	1.4	4.1	-	11.1	14	-3.7	3	3.6	-	92	-	17	16	21	14	1	1	1	0	0	0	0	1	6	17	0	1	2.03	-	
LEEMING	32	7.6	3.2	5.4	-	12.4	11	-3.6	1	-	-	89	-	13	8	19	16	2	1	1	1	0	0	3	6	12	13	0	0	1.83	-	
MALHAM TARN	395	5.3	0.7	3.0	+2.1	8.7	14	-4.6	1	3.8	-	200	-	26	14	24	21	4	4	0	2	0	0	1	13	18	-	1	-	-		
PICKERING	44	7.8	1.2	4.5	-	11.7	14	-5.0	1	-	-	67	-	12	8	18	14	1	0	0	0	0	0	1	9	17	0	0	-	-		
SCARBOROUGH	55	8.0	2.3	5.1	-	12.3	14	-2.6	2	4.0	5.3	71	118	13	16	15	13	1	0	0	0	0	0	0	4	16	9	7	2.00	148	-	
SILPHO MOOR	203	7.4	1.2	4.3	-	11.2	14	-4.0	2	3.6	-	78	-	13	16	20	14	1	0	0	0	0	0	0	4	8	20	0	0	-	-	
WHITBY (COASTGUARD)	60	7.5	3.2	5.3	-	11.2	18	-2.7	2	-	-	73	-	14	8	16	14	0	0	0	0	0	0	0	4	8	6	13	0	-	-	
YORK (HESLINGTON)	20	8.3	2.2	5.3	-	11.7	11	-3.2	1	4.6	5.6	66	-	11	11	17	14	0	0	0	0	0	0	1	7	17	-	0	2.00	-		
HUMBERSIDE																																		
BRIDLINGTON	9	8.0	1.6	4.8	-	12.0	14	-6.0	2	-	-	67	-	13	16	14	12	0	0	0	0	0	0	0	3	12	-	4	2.10	-		
BRIGG	3	8.3	2.0	5.1	-	12.7	14	-4.5	2	-	-	46	-	8	10	16	12	0	0	0	0	0	0	0	1	4	11	-	1	-		
CLEETHORPES	7	-	(2.7)	-	-	-	-	-4.0	1	-	-	30	56	7	5.12	10	9	-	-	-	-	-	-	-	-	-	-	-	2.34	149	-	
HULL	2	8.8	3.0	5.9	+2.4	12.7	14	-2.3	1.2	4.4	6.2	50	87	11	16	15	11	0	0	0	0	0	0	0	3	14	-	0	2.06	162	-	
KILNSEA	12	7.4	3.6	5.5	-	11.2	14	-2.6	2	-	-	48	-	13	10	14	11	0	0	0	0	0	0	1	2	-	5	2.34	162	-		
LINCOLNSHIRE																																		
BINBROOK	108	7.0	2.7	4.9	-	11.7	14	-5.5	1	-	-	57	-	15	10	13	10	3	0	2	0	0	0	5	12	10	8	1.98	-	-		
CRANWELL	62	8.3	1.4	4.9	+2.2	12.2	14	-6.4	2	4.2	5.2	39	79	8	10	13	11	0	0	0	0	0	0	0	8	11	9	3	2.29	129	-	
LINCOLN	7	8.7	2.1	5.4	+2.7	12.5	11.14	-8.9	1	4.8	5.7	49	-	15	10	13	11	0	0	0	0	0	0	0	5	19	-	0	2.00	-		
SKEGNESS	5	8.2	2.5	5.3	+2.1	12.5	14	-2.0	2	-	-	37	71	8	12	11	10	0	0	0	0	0	0	1	5	15	-	0	2.08	123	-	
WADDINGTON	68	7.9	2.7	5.3	+2.4	12.1	14.15	-6.0	1	-	-	48	-	15	10	16	10	1	0	0	0	0	0	1	5	16	11	1	2.29	138	-	
3 EAST ANGLIA																																		
NORFOLK																																		
COLTISHALL	17	8.5	3.1	5.8	-	14.8	15	-6.6	1	-	-	41	-	8	10	17	11	0	0	0	0	0	1	2	5	9	8	1	-	-		
COSTESSEY	20	8.7	2.6	5.7	-	14.0	15	-5.9	1	-	-	45	-	9	10	18	12	0	0	0	0	0	1	3	4	5	11	-	4	-		
CRUMER	54	(8.5)	(3.8)	(6.1)	(2.7)	13.8	14	-2.3	1	-	-	38	-	13	10	13	11	0	0	0	0	0	0	2	2	2	2	2	1	-	-	
EAST DEREHAM	53	8.8	1.9	5.3	-	13.4	15	-6.3	2	-	-	49	-	8	10	18	12	0	0	0	0	0	2	3	5	13	-	2	-	-		
GORLESTON	4	8.1	3.9	6.0	+2.3	13.0	15	-5.3	1	5.5	6.9	48	94	10	25	18	12	0	0	0	0	0	1	1	1	1	4	1	1	1.94	119	-
MARHAM	23	8.4	2.6	5.5	-	13.2	15	-5.7	1	-	-	39	-	6	12	14	12	1	0	0	0	2	2	1	11	10	1	1	1.88	-		
MORLEY ST BOTOLPH	48	8.3	2.2	5.3	-	13.3	15	-4.9	1	4.7	-	41	-	9	10	16	10	1	0	0	0	0	2	4	7	11	-	6	2.03	-		
SANTON DOWNHAM	24	9.1	1.9	5.5	-	14.5	15	-8.4	1	4.8	5.7	41	-	8	10	14	11	-	-	-	-	-	-	7	21	-	-	1.83	-			
SCOLE	27	8.6	2.5	5.5	-	14.2	15	-5.5	1	4.6	5.5	36	-	7	10	15	11	0	0	0	0	1	1	2	4	11	-	4	1.88	-		
TERRINGTON ST CLEMENT	3	8.5	2.0	5.3	+2.4	12.9	15	-3.6	1	5.5	-	39	-	6	12	15	11	0	0	0	0	1	1	2	4	13	-	0	1.80	108	-	
CAMBRIDGESHIRE																																		
BOXWORTH	44	8.8	2.3	5.5	-	13.7	15	-5.8	1	-	-	53	-	7	10	14	13	0	0	1	0	1	1	1	4	9	-	7	1.94	-		
CAMBRIDGE																																		
BOTANIC GARDENS	12	9.3	1.9	5.6	+2.4	14.0	15	-5.7	1	5.1	6.5	46	100	10	10	14	13	0	0	0	0	0	0	0	6	13	-	1	-	-		
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	26	-	2.7	-	-	-	-	-5.0	1	-	-	46	-	10	10	14	11	0	0	0	0	0	0	1	3	14	-	0	2.14	124	-	
MARCH	2	9.0	2.3	5.7	-	13.4	15	-4.1	1	-	-	39	79	7	12	16	11	-	-	-	-	-	-	4	-	-	-	-	-			
MEPAL	1	9.0	1.6	5.3	-	13.6	15	-5.7	1	6.1	8.5	38	-	7	12	14	12	0	0	0	0	0	1	1	7	16	-	0	2.11	-		
MONKS WOOD	40	8.9	2.5	5.7	-	13.3	15	-5.8	1	5.1	6.6	42	-	6	12	15	12	0	0	0	0	0	0	1	3	12	-	2	1.74	-		
WITTERING	73	8.1	3.0	5.5	-	13.2	15	-5.2	1	-	-	43																				

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

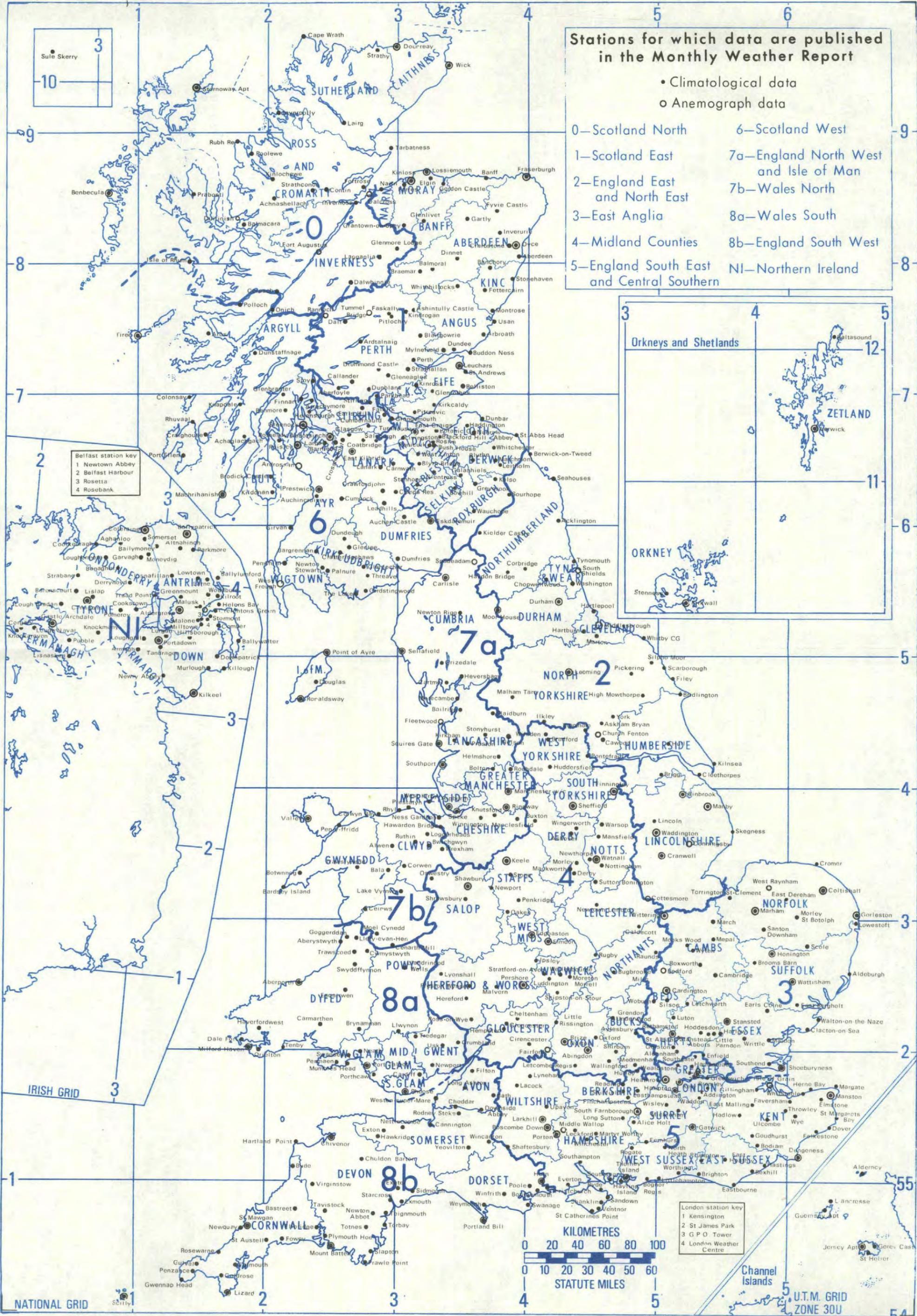
JANUARY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WINDY AT 10.00 C	WINDY AT 15.00 C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE	0-2 MM OR MORE	1-0 MM OR MORE													
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	AMOUNT	DATE	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WINDY AT 10.00 C	WINDY AT 15.00 C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE							
4 MIDLAND COUNTIES																															
WEST YORKSHIRE																															
BRADFORD ...	9 9	134	8.1	2.0	5.1	+2.4	12.5	0.12	-6.2	1	4.3	5.3	111	131	17	14	23	18	1	0	0	0	1	3	4	4	20	-	2	1.40	133
BRAMHAM ...	9 9	54	8.1	2.0	5.1	-	12.2	14	-3.8	1	-	-	75	10	10	8	16	14	1	0	0	0	1	3	4	4	20	-	2	1.40	133
HUDDERSFIELD																															
ORKES ...	21-9	232	7.0	2.9	4.9	+2.4	11.2	11	-5.7	2	3.8	4.7	115	115	19	14	23	19	3	0	0	3	1	3	1	5	16	12	14	1.75	132
RAYENSKNOMLE ...	9 9	99	8.7	2.5	5.6	+2.7	12.4	14	-6.0	1	4.4	5.5	104	136	18	4	19	17	0	0	0	0	0	0	0	0	0	0	0	1.95	201
ILKLEY ...	9 9	83	8.3	2.8	5.5	+2.8	12.5	11	-4.5	2	-	-	93	104	10	7	23	19	3	1	1	0	1	5	4	10	-	0	1.44	108	
PONTEFRAC ...	9 9	78	8.3	1.8	5.1	+2.1	13.3	14	-4.4	1	-	-	47	97	8	16	17	12	0	0	0	0	2	2	4	8	15	16	0	-	-
WILSDEN ...	9 9	262	7.2	1.3	4.3	-	11.2	11	-5.1	2	-	-	131	17	15	25	19	2	2	0	0	0	0	4	8	15	16	0	-	-	
SOUTH YORKSHIRE																															
FINNINGLEY ...	21-9	10	8.2	2.8	5.5	-	13.0	14	-5.5	2	-	-	41	-	6	10	16	10	1	0	0	0	1	1	8	17	14	0	2.12	-	
SHEFFIELD ...	9 9	131	8.1	2.9	5.5	+2.1	12.6	14	-3.0	1	4.3	5.8	79	98	10	27	22	17	0	0	0	0	-	3	19	-	0	1.59	129		
DERBYSHIRE																															
ASHOVER ...	9 9	186	7.6	2.2	4.9	-	12.1	14	-3.6	1	-	-	103	-	19	10	19	15	2	0	0	0	1	5	13	-	0	1.27	-		
BUXTON ...	9 9	314	6.7	1.6	4.1	+2.4	11.2	14	-4.9	1	3.8	4.4	143	108	13	8	24	19	7	3	0	0	0	5	8	17	-	5	0.80	131	
DERBY ...	9 9	48	9.2	2.6	5.9	-	12.9	14	-4.3	2	-	-	54	-	9	10	20	13	0	0	0	0	1	1	5	15	-	1	1.46	-	
MACKNORTH ...	9 9	89	9.4	1.9	5.7	-	13.5	2	-4.1	1	-	-	62	-	10	10	18	14	0	0	0	0	2	1	8	-	-	6	-	-	
MORLEY ...	9 9	107	8.3	2.3	5.3	-	12.2	14	-3.0	1,2	-	-	58	-	10	10	18	14	0	0	0	0	3	5	11	17	14	0	1.53	-	
WINGERWORTH ...	9 9	126	8.0	2.2	5.1	-	12.8	14	-5.7	1	4.3	-	96	-	16	10	21	16	0	0	0	0	1	1	1	4	0	0	1.63	-	
NOTTINGHAMSHIRE																															
MANSFIELD ...	9 9	114	7.9	2.4	5.1	+2.3	12.0	14	-4.5	1	5.0	-	73	-	17	10	20	15	0	0	0	0	0	5	4	9	-	0	-	-	
NEWTHORPE ...	9 9	58	8.4	1.6	5.0	-	12.7	14	-4.6	1	-	-	60	-	12	10	17	14	-	-	-	-	-	7	-	-	-	0	-	-	
NOTTINGHAM ...	9 9	59	8.8	2.9	5.9	+2.6	12.6	14	-4.6	1	4.4	5.3	43	80	12	10	14	12	0	0	0	0	1	4	13	-	0	1.85	153		
SUTTON BONINGTON ...	9 9	48	8.6	2.8	5.7	+2.8	12.6	14	-5.7	1	5.4	6.4	57	-	10	10	18	13	2	0	0	0	3	0	4	14	-	0	1.96	145	
WARSOP ...	9 9	46	8.5	2.3	5.4	-	12.7	14	-5.6	2	-	-	61	-	15	10	17	12	0	1	0	0	4	16	0	0	0	2.01	-		
WATNALL ...	21-9	117	7.7	3.1	5.4	+2.5	12.2	14	-4.9	2	-	-	59	-	13	10	19	13	2	0	0	4	1	1	6	11	0	1.43	110		
STAFFORDSHIRE																															
KEELE ...	9 9	179	7.4	1.7	4.5	-	11.5	14	-4.0	2	4.3	5.8	89	-	11	8	21	15	2	1	0	2	2	1	6	13	-	1	1.72	-	
OAKEN ...	9 9	125	8.1	2.4	5.3	+2.6	12.1	14	-6.0	1	5.2	-	86	143	14	10	18	15	0	0	0	1	2	4	14	-	0	-	-		
PENKRIDGE ...	9 9	101	8.5	2.4	5.5	-	12.1	14	-4.5	1	-	-	88	-	12	10	21	16	1	0	1	0	1	4	17	-	1	-	-		
STONE ...	9 9	107	8.0	1.8	4.9	-	12.0	14	-4.4	1	-	-	73	-	12	16	18	16	2	0	3	0	2	1	7	18	-	0	1.72	-	
LEICESTERSHIRE																															
CALDECOTT ...	9 9	52	8.6	2.3	5.5	-	12.8	14,15	-5.2	1	-	-	54	-	12	10	16	11	0	0	0	0	1	1	5	12	-	0	1.78	-	
NEWTOWN LINFORD ...	9 9	119	8.1	1.9	5.0	-	12.0	14	-5.7	2	-	-	54	-	12	10	19	11	0	0	0	0	1	2	5	13	-	2	1.62	-	
SALOP																															
NEWPORT ...	9 9	64	8.5	2.3	5.4	+2.7	12.3	14	-3.8	1	-	-	78	142	11	8	17	15	0	0	0	1	1	1	6	18	-	5	1.92	140	
OSMESTRY ...	9 9	174	8.2	2.4	5.3	+2.2	11.5	14	-4.0	1	-	-	125	140	15	8	20	17	6	1	0	2	1	0	6	18	-	1	1.42	87	
SHAWBURY ...	21-9	72	8.4	3.3	5.9	+2.7	12.5	14	-6.5	1	-	-	69	-	10	8	16	15	1	0	1	2	0	7	11	9	0	1.87	123		
SHREWSBURY ...	9 9	56	9.0	3.0	6.0	+2.7	13.0	14	-5.5	1	5.3	6.6	74	-	10	8	18	13	0	0	0	2	0	4	14	-	9	2.03	128		
WEST MIDLANDS																															
BIRMINGHAM	21-9	163	7.6	3.7	5.7	+2.4	12.1	14	-3.5	2	6.1	-	121	180	23	10	19	19	2	0	4	0	2	2	5	10	9	1	1.52	110	
EDGBASTON ...	21-9	96	8.1	3.1	5.6	+2.5	12.7	14	-5.6	1	-	-	87	-	15	10	20	18	1	0	2	0	3	4	13	12	3	1.70	120		
KING EDWARD SCHOOL ...	9 9	137	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WARWICKSHIRE																															
LUDDINGTON ...	9 9	56	9.0	2.4	5.7	-	12.5	11,15	-4.8	1	-	-	61	-	11	10	20	14	0	0	0	0	2	1	4	14	-	0	1.75	-	
MORETON MORRELL ...	9 9	85	8.8	2.6	5.7	-	12.7	14,15	-6.6	1	-	-	65	-	11	10	20	14	0	0	0	0	1	1	4	16	-	3	1.67	-	
RUOBY ...	9 9	117	8.4	2.3	5.3	+2.4	12.2	14	-5.8	1	4.6	6.2	52	-	12	10	18	12	1	0	1	0	2	1	5	16	13	1	-	-	
SHIPSTON-ON-STOUR ...	9 9	111	8.6	2.6	5.6	+2.5	12.5	14	-4.0	1	5.7	-	97	168	16	4	23	16	1	0	0	1	1	1	4	14	-	9	1.79	107	
STRATFORD-ON-AVON ...	9 9	49	9.1	2.2	5.7	+2.7	13.2	15	-5.0	1	5.6	-	97	-	11	10	20	15	0	0	1	0	1	1	6	18	-	0	1.70	114	
WELLESBOURNE ...	9 9	47	9.1	2.6	5.9	-	13.0	15	-5.6	1,2	5.2	6.1	55	-	9	10	17	13	0	0	0	0	0	4	13	14	0	2.09	-		
NORTHAMPTONSHIRE																															
BUGBROOKE MILLS ...	9 9	69	8.9	2.0	5.5	-	14.2	14	-6.0	2	5.5	6.7	56	-	9	10	16	12	0	0	0	0	0	1	6	15	-	0	1.72	-	
RAUNDS ...	9 9	59	8.7	2.3	5.5	+2.8	12.9	15	-5.1	1	4.6	6.1	54	100	7	15	17	12	0	0	0	0	1	1	5	15	-	3	1.66	111	
HEREFORD & WORCESTER																															
HEREFORD (SEWAGE WORKS) ...	9 9	52	9.3	2.8	6.1	-	13.4	14	-4.6	1	6.0	7.5	148	-	25	4	19	17	0	0	0	2	4	1	6	14	-	2	1.95	-	
IPSELEY (SEWAGE WORKS) ...	9 9	73	8.8	1.8	5.3	-	12.6	11,18	-7.1	2	5.4	6.2	72	-	11	10	19	16	0	0	0	1	2	1	8	16	14	0	1.50	-	
LYONSHALL ...	9 9	155	8.1	2.2	5.1	+2.0	11.8	14	-5.0	2</																					

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1974

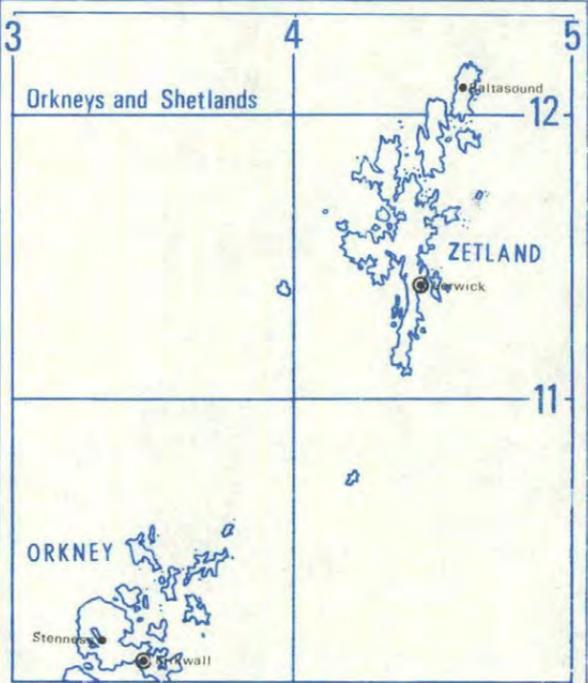
DISTRICT COUNTY AND PLACE	MAX. TERMINAL HIGHT) OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 0H	RAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	SEVERE FROST	SEVERE FROST	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE			AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE																
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARLISLE ...	21-9	26	8.2	4.2	6.2	-	12.4	11	-2.5	3	-	-	100	14	9	22	19	2	0	0	0	0	0	0	0	0	0	0	0	1.59	-	
CARTMEL ...	9 9	34	7.8	3.1	5.5	-	11.0	11	-4.6	1	-	-	160	17	14	23	21	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
GRIZEDALE ...	9 9	91	-	1.9	-	-	-	-	-4.7	1	-	-	204	20	14	25	23	2	1	1	1	1	1	1	1	1	1	1	0	-		
HEVERSHAM ...	9 9	30	8.4	2.9	5.7	-	12.1	11	-5.4	1	-	-	142	15	14	25	22	2	1	1	1	1	1	1	1	1	1	1	0	-		
MOOR HOUSE ...	9 9	556	4.1	-0.3	1.9	-	7.6	11	-6.0	3	-	-	365	31	17	26	26	20	9	1	0	0	0	0	0	0	0	0	0.45	-		
NEWTON RIGG ...	9 9	171	7.3	2.4	4.9	+2.6	10.6	11.18	-3.3	3	-	-	209	20	26	25	24	2	2	1	1	1	1	1	1	1	1	1	1.18	89		
SELLAFIELD ...	9 9	13	-	-	-	-	-	-	-	-	-	-	183	20	29	24	23	0	0	0	0	0	0	0	0	0	0	0	1.23	-		
LANCASHIRE																																
BAILLIGG ...	9 9	53	8.3	3.3	5.8	-	12.1	11	-0.8	1	-	-	131	-	15	14	22	19	4	0	0	0	0	0	0	0	0	0	0	1.33	-	
HELMSHORE ...	9 9	260	6.5	1.7	4.1	-	10.5	14	2.9	1	-	-	170	-	26	14	24	20	4	1	1	1	1	1	1	1	1	1	0	5		
KIRKHAM ...	9 9	24	8.3	3.0	5.7	-	12.3	11	-2.4	1	-	-	107	-	15	8	21	18	0	0	0	0	0	0	0	0	0	0	0	1.47	-	
MORECAMBE ...	9 9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NELSON ...	9 9	165	7.9	2.5	5.2	+2.7	11.3	11	-3.7	1	-	-	158	-	20	14	21	21	0	0	0	0	0	0	0	0	0	0	0	1.27	157	
PRESTON ...	9 9	33	8.5	3.5	6.0	-	12.4	11	-5.0	1	-	-	105	121	18	14	21	17	0	0	0	0	0	0	0	0	0	0	0	0	-	
SLAUBURN ...	9 9	192	7.2	1.9	4.5	-	10.6	11	-3.7	3	-	-	200	131	27	7	26	20	1	0	0	0	0	0	0	0	0	0	0	0.93	-	
SQUIRES GATE AIRPORT	21-9	10	8.0	4.0	6.0	+2.4	11.5	11	-5.0	1	-	-	94	-	15	8	22	16	1	0	0	0	0	0	0	0	0	0	0	1.59	101	
STONYHURST ...	9 9	115	7.8	(2.6)	(2.4)	-	11.4	11	(-2.8)	1	-	-	141	125	26	14	22	20	0	0	0	0	0	0	0	0	0	0	0	1.34	102	
HERSEYSDALE																																
RIGBIRTH ...	9 9	14	8.9	3.9	6.4	-	12.9	14	-1.8	1	-	-	66	-	15	8	20	13	1	0	0	0	0	0	0	0	0	0	0	1.99	-	
SOUTHPORT ...	9 9	5	8.4	3.1	5.7	+2.2	11.6	5	-2.3	1	-	-	73	-	14	10	14	11	0	0	0	0	0	0	0	0	0	0	0	1.64	107	
SPEKE AIRPORT ...	21-9	22	8.5	4.0	6.3	+2.2	12.8	14	-2.1	1,20	-	-	67	-	15	8	20	13	4	0	0	0	0	0	0	0	0	0	0	2.09	153	
WEST KIRBY PARK ...	9 9	8	9.2	3.9	6.5	+2.7	12.7	11	-1.8	1	-	-	69	-	15	8	20	14	0	0	0	0	0	0	0	0	0	0	0	2.22	145	
GREATER MANCHESTER																																
BOLTON ...	9 9	107	8.1	2.2	5.1	-	11.9	14	-4.0	1	-	-	5.1	5.8	105	-	20	14	22	17	0	0	0	0	0	0	0	0	0	1.50	143	
MANCHESTER																																
RINGWAY AIRPORT	21-9	75	8.2	4.0	6.1	+2.8	12.9	14	-2.5	1	-	-	69	-	9	8	20	16	2	0	0	0	0	0	0	0	0	0	0	1.79	141	
WEATHER CENTRE																																
ROCHDALE ...	9 9	110	8.1	2.0	5.1	+2.4	11.7	14	-4.9	2	-	-	118	111	18	14	22	19	0	0	0	0	0	0	0	0	0	0	0	1.71	-	
CHESHIRE																																
KNUTSFORD ...	9 9	65	8.4	2.6	5.5	-	11.7	11	-3.8	1	-	-	4.1	5.2	86	-	12	10	18	17	0	0	0	0	0	0	0	0	0	0	-	
MACCLESFIELD ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NESS GARDENS ...	9 9	55	9.3	2.3	5.8	-	13.9	14	-3.5	1,2	-	-	70	-	14	8	18	12	0	0	0	0	0	0	0	0	0	0	0	2.02	-	
WINNINGTON ...	9 9	20	9.6	3.5	6.5	+2.6	15.3	17	-1.8	3	-	-	72	-	10	8	20	16	1	0	0	0	0	0	0	0	0	0	0	0	-	
ISLE OF MAN																																
DOUGLAS ...	9 9	87	8.7	4.7	6.7	+2.1	11.3	4.5	0.9	29	-	-	170	145	25	4	23	20	1	0	0	0	0	0	0	0	0	0	0	1.47	82	
POINT OF AYRE ...	21-9	9	8.7	4.7	6.7	+1.5	10.9	25	-0.1	10	-	-	215	269	41	30	25	21	1	0	0	0	0	0	0	0	0	0	0	1.59	95	
RONALDSWAY AIRPORT	21-9	16	9.2	6.0	7.6	+2.5	11.6	4.5	-0.4	10	-	-	132	-	17	16	22	20	2	0	0	0	0	0	0	0	0	0	0	1.37	78	
7B WALES N																																
GHYNEDD																																
BALA ...	9 9	163	8.5	2.9	5.7	-	12.3	11	-6.4	1	-	-	5.4	6.21	327	-	33	4	25	22	3	0	0	0	0	0	0	0	0	1.06	-	
BARDSEY ISLAND ...	21-9	16	9.3	6.2	7.7	-	12.2	7	1.7	16	-	-	155	-	24	4	23	19	0	0	0	0	0	0	0	0	0	0	0	0	19	
BOTHNODG ...	9 9	34	9.1	4.6	6.9	-	11.5	18	0.3	1	-	-	6.7	7.8	156	-	20	4	21	20	1	0	0	0	0	0	0	0	0	0	1.50	
PEN-Y-FFRIDD ...	9 9	84	9.3	3.8	6.5	-	12.0	4	0.3	1	-	-	199	-	31	4	23	22	0	0	0	0	0	0	0	0	0	0	0	0	1.41	
TRANSFYNOOD ...	9 9	193	8.4	(2.9)	(5.7)	-	12.0	4.10	(-5.0)	1	-	-	302	-	37	4	26	25	0	0	0	0	0	0	0	0	0	0	0	0	0	
VALLEY ...	21-9	10	9.2	6.0	7.6	+2.4	11.6	11	0.3	3	-	-	144	-	16	29	22	19	0	0	0	0	0	0	0	0	0	0	0	1.65	90	
CLWYD																																
ALWEN ...	9 9	335	6.5	1.0	3.7	-	10.0	11.14	-6.2	1	-	-	250	191	29	14	24	20	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALCHGWYN ...	9 9	386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLWYN BAY ...	9 9	24	9.6	4.4	7.0	-	13.2	14	0.3	1	-	-	5.4	166	-	22	4	23	18	0	0	0	0	0	0	0	0	0	0	2.20	147	
CORWEN ...	9 9	144	8.8	2.2	5.5	-	12.2	14	-6.5	1	-	-	288	-	35	29	26	22	2	0	0	0	0	0	0	0	0	0	0	0	0	
HAWARDEN BRIDGE	9 9	5	9.5	(2.8)	(6.1)	(2.2)	13.2	14	(-3.3)	1	-	-	83	127	15	8	21	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOGGERHEADS ...	9 9	210	8.4	1.9	5.1	-	11.5	12	-1.7	10	-	-	5.6	109	-	16	8	24	18	5	1	0	0	0	0	0	0	0	0	0	1.91	5
PRESTATYN ...	9 9	1	9.8	4.4	7.1	+2.4	13.2	11	-0.9	1	-	-	73	121	14	8	21	14	0	0	0	0	0	0	0	0	0	0	0	0	1.93	138
RHYL ...	9 9	9	9.6	4.0	6.8																											



Stations for which data are published in the Monthly Weather Report

- Climatological data
- Anemograph data

0—Scotland North	6—Scotland West
1—Scotland East	7a—England North West and Isle of Man
2—England East and North East	7b—Wales North
3—East Anglia	8a—Wales South
4—Midland Counties	8b—England South West
5—England South East and Central Southern	NI—Northern Ireland



Belfast station key

- 1 Newtown Abbey
- 2 Belfast Harbour
- 3 Rosetta
- 4 Rosebank

London station key

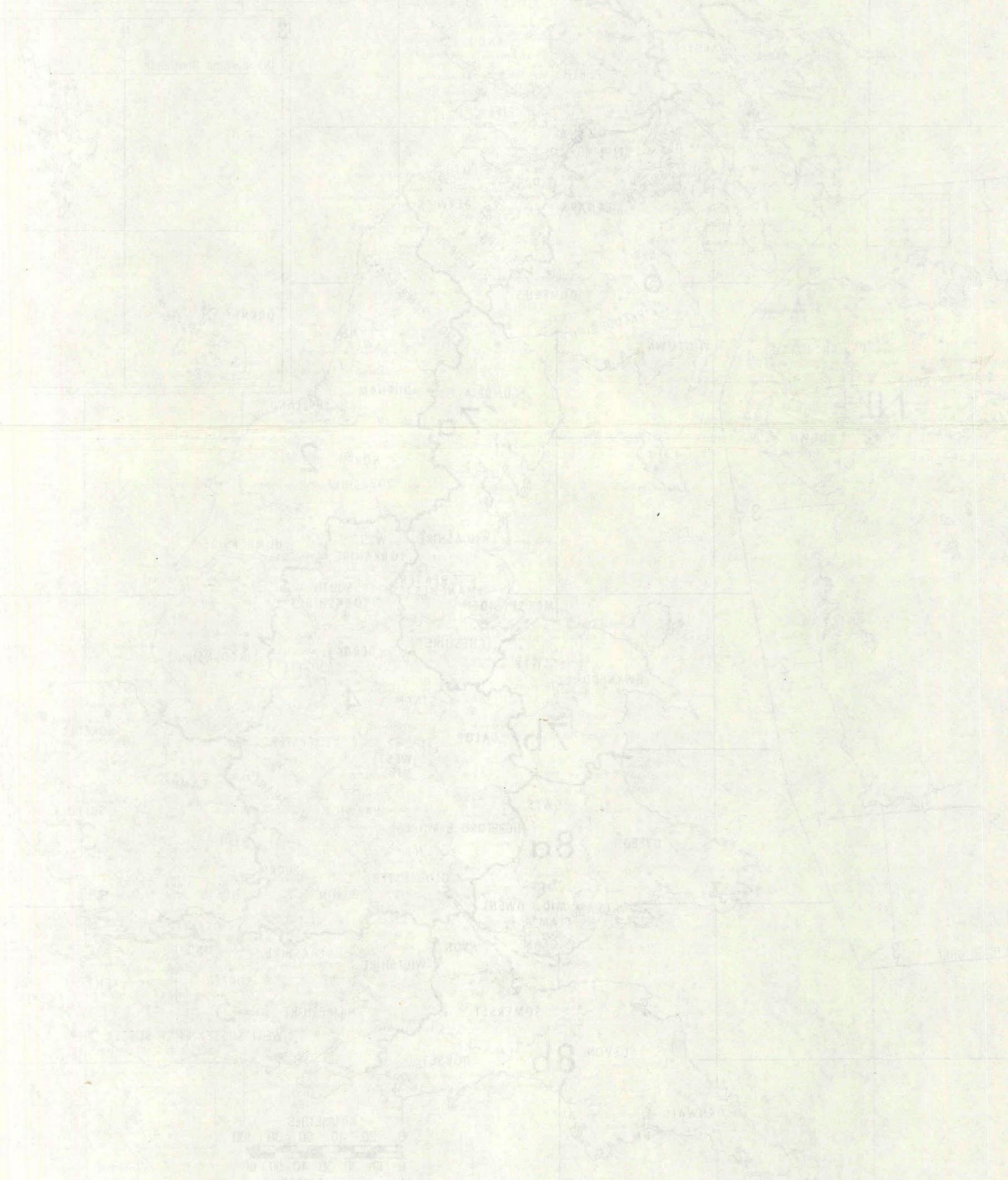
- 1 Kensington
- 2 St James Park
- 3 G P O Tower
- 4 London Weather Centre



Channel Islands
5 U.T.M. GRID ZONE 30U

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083 0808 08

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT / OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS .ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETNESS MIN °C	CONCRETE MIN °C	GRALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE						
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE															0-2 MM OR MORE	3 MM OR MORE				
NORTHERN IRELAND																																					
LONDONDERRY																																					
AHANLOO ...	99	18	-	3.3	-	-	-	-1.6	28	-	-	117	15	27	23	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER CAUGH HILL ...	99	216	7.7	1.6	4.7	-	10.5	4	-2.8	10	-	258	27	4	29	25	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COLERAINE UNIVERSITY ...	99	23	8.7	2.4	5.5	-	11.9	4	-1.8	30	5.6	136	16	11	25	23	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COOLKEERAGH ...	99	3	9.3	3.4	6.3	-	12.0	4.11-18	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERRYOYD FOREST ...	99	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GARVAGH FOREST ...	99	88	8.1	2.5	5.3	-	11.2	4	-1.5	10	4.6	196	21	4	28	24	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHERMORE FOREST ...	99	174	7.6	2.4	5.0	-	10.7	4	-1.8	10	-	-	14	11	27	25	7	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HONEYDIG ...	21-9	34	8.0	3.2	5.6	+2.1	11.9	5	-2.1	9	5.6	150	14	11	27	25	4	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET FOREST ...	99	43	8.6	2.6	5.6	-	11.2	4.19	-1.4	10	-	152	14	6.11	29	25	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAD POINT ...	99	16	8.3	3.2	5.7	-	11.5	18	-0.9	29	-	90	10	6	24	21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																					
ALDERGROVE AIRPORT ...	21-9	68	8.0	3.6	5.8	+2.3	11.4	4	-2.2	29	5.1	121	16	6	26	19	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALTNAHINCH ...	99	226	7.3	1.6	4.5	-	10.2	4	-3.0	10	7.0	196	27	6	29	23	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYLUMFORD ...	99	24	8.9	3.9	6.4	-	11.2	6	-2.0	27	-	171	33	29	25	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMONEY ...	99	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYPATRICK FOREST ...	99	152	8.1	2.5	5.3	-	11.1	4	-2.2	28	-	202	20	6	26	25	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENMOUNT ...	99	32	9.5	2.0	5.7	-	11.9	6	-3.4	9	5.4	115	15	6	24	20	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILROOT ...	99	22	9.1	3.8	6.5	-	11.5	11	-0.5	9.10	-	157	35	29	23	22	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LARNE ...	99	43	8.9	2.7	5.8	-	11.4	4	-1.2	29	-	195	30	29	26	24	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISNAFILLAN ...	99	38	9.2	2.6	5.9	-	12.0	4	-2.5	10	-	120	17	6	25	22	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONTOWN ...	99	271	7.0	1.0	4.0	-	9.5	4	-2.2	28.29	4.4	173	19	6	27	21	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MALUSKI (HYDE PARK) ...	99	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKMORE FOREST ...	99	235	7.4	1.3	4.3	-	10.3	4	-2.5	29	4.4	190	21	6	27	24	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODBURN NORTH ...	99	217	7.5	2.2	4.9	-	9.5	4	-1.9	29	-	164	143	29	29	28	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BELFAST																																					
MALONE ...	99	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	99	37	9.0	3.3	6.1	-	11.5	4	-1.1	30	-	172	28	29	25	19	4	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTOWNABBEY ...	99	32	9.1	3.7	6.4	-	11.8	4	-0.5	29	5.8	163	34	29	25	21	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSEBANK ...	99	47	9.0	2.8	5.9	-	11.1	18	-1.8	10	-	185	30	29	24	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSETTA ...	99	24	9.1	3.2	6.1	-	11.3	18	-1.6	9	-	189	30	29	23	22	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STORMONT CASTLE ...	99	56	9.2	2.8	6.0	-	11.1	19	-1.0	1	5.0	187	29	29	25	22	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWN																																					
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	161	-	25	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMBER CEMETERY ...	99	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CREIGHTONS GREEN ...	99	119	8.3	3.0	5.7	-	10.5	4	0.2	1	-	191	31	29	24	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNPATRICK ...	99	26	9.9	4.4	7.1	-	12.8	12	-0.4	29	-	151	23	29	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENS BAY ...	99	43	8.7	3.5	6.1	-	11.2	18	-0.5	29	-	190	30	29	24	21	2	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HILLSBOROUGH ...	99	118	9.3	2.8	6.1	+2.4	11.4	4.6	-1.5	31	5.6	154	32	29	24	19	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILKEEL ...	21-9	18	9.2	4.3	6.7	-	11.2	12	0.2	29	-	117	24	29	21	19	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLBOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH ...	99	9	9.4	4.5	6.9	-	12.5	18	-2.4	1	5.6	195	46	29	24	21	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWRY ABBEY ...	99	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																					
ARMAGH ...	99	62	8.7	3.4	6.1	+2.2	11.9	4	-0.9	29	5.3	117	150	12	29	26	20	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHGALL ...	99	25	9.0	3.4	6.2	-	12.3	4	-2.6	1	-	103	13	8	26	19	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LURGAN ...	99	55	8.8	3.5	6.1	-	11.7	4.11	-1.0	29	5.3	111	19	29	26	18	0	-	-	-	-																

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JANUARY 1974

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 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0-50M	40-100M	200-300M	400-900M	1000-1900M	2000-3000M	4-5KM	10-19KM	20-50KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW					
								0	1-2	3-5	6-7	8	SKY OBTAINED	34 OR MORE											22-33	11-21	1-10	0														
6 SCOTLAND W -CONTO. DUMFRIESSHIRE																																										
ESKDALEHUIR 257	3	1004.2	-	5.8	0.6	7.4	91	6.5	2	2	2	5	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	9	1003.1	-9.1	3.5	0.6	7.3	91	7.1	0	2	1	11	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	15	1002.3	-	4.7	0.8	7.6	88	7.2	0	1	0	14	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
21	1003.9	-	3.9	0.7	7.4	90	6.2	2	3	3	5	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
2 ENGLAND E & NE NORTHUMBERLAND																																										
ACKLINGTON 46	3	1005.2	-	4.2	0.6	7.6	90	5.0	6	3	4	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	9	1004.2	-7.6	4.5	0.7	7.5	88	5.4	0	6	7	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	15	1003.2	-	6.3	1.2	8.0	83	5.8	0	3	8	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
21	1004.6	-	5.1	0.8	7.8	88	4.9	3	9	2	4	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			
SEAHOUSES 12	3	1004.3	-	5.0	1.1	7.3	82	4.9	4	7	3	6	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	9	1003.1	-	5.0	1.1	7.3	82	5.9	0	4	6	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	15	1002.2	-	6.6	1.5	7.7	78	5.8	0	3	8	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
21	1003.6	-	5.6	1.2	7.5	81	5.3	1	8	4	4	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
TYNE & WEAR																																										
TYNEMOUTH 40	3	1006.0	-	5.2	1.0	7.5	84	4.9	7	2	5	3	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
	9	1004.9	-7.4	5.4	1.2	7.4	81	6.1	0	3	6	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
	15	1004.1	-	6.9	1.7	7.6	76	6.0	0	2	9	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
NORTH YORKSHIRE																																										
LEEMING 33	3	1007.3	-	5.0	0.8	7.8	88	5.8	2	5	4	4	14	2	1	1	0	1	4	3	3	1	9	8	0	3	14	14	0	0	0	0	0	10	11	4	5	1				
	9	1006.5	-6.5	4.8	0.9	7.5	86	6.3	0	3	4	12	11	1	0	0	0	3	3	3	3	4	11	4	0	4	13	14	0	0	0	0	1	13	8	4	5	0				
	15	1005.7	-	6.8	1.5	7.8	79	5.9	0	4	7	9	11	0	0	0	0	0	2	5	4	8	5	7	0	2	22	6	1	1	0	0	0	6	13	5	5	0				
21	1006.7	-	5.4	1.0	7.7	85	5.4	3	4	7	2	15	0	0	0	0	0	2	4	1	5	5	8	6	0	2	20	8	1	0	0	0	0	11	9	3	6	1				
WHITBY C.O. 66	3	1007.1	-	5.2	1.0	7.6	85	4.4	9	4	2	4	12	0	0	0	0	0	0	0	0	0	0	0	0	0	3	9	13	6	0	0	0	0	3	19	7	2	0			
	9	1006.5	-	5.0	1.0	7.4	84	5.8	1	2	9	7	12	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	14	4	0	0	0	0	4	18	8	1	0			
	15	1005.7	-	6.8	1.7	7.6	76	5.6	0	2	11	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	14	5	1	0	0	0	3	15	9	3	0		
21	1006.4	-	5.5	1.0	7.7	84	4.5	7	5	2	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	14	7	0	0	0	0	2	18	5	4	1			
HUMBERSIDE																																										
KILNSEA 16	3	1009.7	-	5.0	0.7	7.8	88	5.8	4	5	1	1	19	1	0	1	0	0	0	0	0	0	0	0	0	0	1	6	22	2	0	0	0	0	0	1	15	12	3	0		
	9	1009.1	-4.2	5.1	0.8	7.8	88	6.0	0	2	8	12	8	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	11	15	3	1	0	0	0	0	2	15	8	5	0	
	15	1008.3	-	6.5	1.2	8.0	-	6.2	0	1	11	6	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	11	14	2	2	0	0	0	0	1	13	7	8	0	
21	1008.8	-	5.7	0.9	8.0	86	5.2	2	6	5	7	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	18	2	1	0	0	0	0	0	15	9	5	1		
LINCOLNSHIRE																																										
BINBROOK 112	3	1009.9	-	4.0	0.6	7.5	90	6.2	5	0	2	5	18	1	0	1	1	1	4	12	9	2	1	0	0	0	0	8	17	6	0	0	0	0	1	1	19	8	2	0		
	9	1009.3	-	4.2	0.7	7.5	89	6.6	0	2	2	17	10	0	0	0	0	0	0	1	2	11	9	8	0	0	0	10	18	3	0	0	0	0	0	0	4	18	9	0	0	
	15	1008.4	-	5.9	1.2	7.7	82	6.6	0	2	3	16	10	0	0	0	0	0	0	0	1	2	6	10	12	0	0	10	18	3	0	0	0	0	0	0	3	15	10	3	0	
21	1009.1	-	4.6	0.7	7.6	89	5.5	2	5	6	6	12	0	0	0	0	0	0	0	1	1	3	15	9	2	0	1	6	20	4	0	0	0	0	0	0	1	19	9	2	0	
WADDINGTON 70	3	1010.0	-	4.2	0.5	7.7	91	6.0	3	3	3	7	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4	13	14	0	0	0	0	0	0	0	9	9	8	5	0
	9	1009.5	-4.4	4.7	0.7	7.8	90	6.4	1	1	3	20	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	17	9	0	0	0	0	0	1	8	8	13	1	0
	15	1008.5	-	6.7	1.1	8.3	84	6.0	0	5	4	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	1009.3	-	5.0	0.7	7.9	89	5.7	2	4	4	8	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	20	9	0	0	0	0	0	0	5	10	10	6	0	
3 EAST ANGLIA NORFOLK																																										
COLTISHALL 17	3	1011.8	-	5.2	0.9	7.8	86	6.2	1	4	4																															

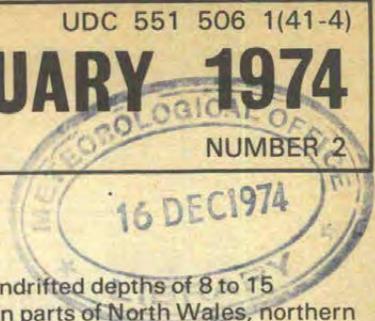
MONTHLY WEATHER REPORT

FEBRUARY 1974

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 91

NUMBER 2



Wet and windy at first; more settled later.

Depressions and fronts frequently affected the country until the 17th but thereafter high pressure systems predominated for a time and fronts were much weaker. Towards the end of the month the pressure declined generally and on the 28th more active fronts moved into western districts from the Atlantic.

Weather

Strong winds or gales and outbreaks of heavy rain with occasional thunder prevailed during the first two weeks. By contrast, the latter half of the month was drier, much less windy and more foggy. Sporadic hail showers were reported throughout the month and snow or sleet (snow mixed with rain or drizzle) fell at times, mostly on high ground in the north.

Wind

During the first fortnight winds were often strong and there were gales in many places but after the 15th strong winds and gales occurred much less frequently and were almost entirely confined to the extreme west and north. On the 6th severe west to north-west gales swept South Wales and south-western England and a gust of 77 kt was recorded at Scilly. From the 9th to 12th severe south to south-west gales were widespread in the southern half of England and Wales and gusts of 60 kt or more occurred in many places. Three people were reported to have been killed during these gales and road and rail communications were disrupted by fallen trees and floods. Some of the flooding occurred when the sea was driven over low-lying areas along the south coast of England by on-shore gales. On the 11th, the seafront railway station at Dawlish (Devon) was partially demolished by heavy seas and on the same day, two lorries travelling along the M1 motorway in Bedfordshire were blown off the road. Strong to gale force winds were again widespread on the 14th and 15th.

Temperature

In Northern Ireland, north-west Scotland and in parts of Wales and south-west England monthly mean temperatures were 0.5 to 1.5 degC above average. Elsewhere they exceeded the average by 1.5 to 2.5 degC. Although the month was generally mild there were a few rather cold days mostly during the first two weeks but the last two days also became rather cold, especially in eastern districts of England and Scotland. Some notable maxima occurred on the 21st and among these was one of 17.5°C at Banchory (Kincardineshire). This is the highest February temperature recorded in Scotland since 1897 although a similar temperature occurred at Stonehaven (Kincardineshire) in 1943. Frosts occurred frequently in most of Northern Ireland and Scotland and also in the Midlands, eastern and southern England but they were moderate or severe on only one or two occasions.

Rainfall (including melted snow)

In most of southern England monthly rainfall was more than double the average and there were large totals in a few places. At Hartley Reservoir, Plymouth the total of 194.7 mm was the greatest amount of rain recorded there in February since 1937. In many other districts rainfall was 100 to 200 per cent of average but parts of north-eastern England and central and northern Scotland were drier than normal. Until the 17th, showers or periods of rain were frequent and widespread, often heavy and occasionally accompanied by thunder. Thereafter, rainfall was less frequent and rarely heavy. Throughout the month there were hail showers at times and snow or sleet fell mostly on high ground in the north. Some of the heavier falls of rain were recorded in western and southern districts of Great Britain. In the 24 hours from 09 GMT on the 2nd, 78.2 mm of rain fell at Honister Pass (Cumbria) and on the 8th, 9th and 10th falls exceeding 50 mm in 24 hours contributed to local flooding in parts of the Midlands and southern England. From 09 GMT on the 10th to 09 GMT on the 11th a fall of 77.0 mm was recorded at Ponsworthy (Devon) and during further heavy rain, Venford Down (Devon) had 82.5 mm in a similar period on the 14th and 15th.

Snow

Snow or sleet fell at times during the first two weeks and again on the last two days, mostly on high ground in the north. However, snowfall was occasionally more widespread. Although accumulations of snow were usually small, between the

6th and 8th undrifted depths of 8 to 15 cm occurred in parts of North Wales, northern England and Scotland and in the north-west Highlands 15 to 20 cm of snow were measured at a few places. Strong winds caused drifting at times but the snow did not lie for long except on the higher slopes of the Scottish mountains.

Sunshine

Most coastal districts of south-eastern Scotland and of eastern and southern England were a little sunnier than normal. Elsewhere sunshine amounts were mostly 70 to 100 per cent of average but parts of northern Scotland had only 40 to 60 per cent of average sunshine. Sunny days were infrequent but some occurred in south-east Scotland and in England and Wales during the last week when daily totals exceeding 9 hours were reported from a few places. Leuchars (Fife) had 9.1 hours on the 22nd and Sandown (Isle of Wight) recorded 9.7 hours on the 23rd.

Fog

Patches of fog which were occasionally freezing and persistent occurred on low ground at night more frequently after mid month than before. The Midlands, eastern and southern England were chiefly affected but overnight fog occurred on occasion in other districts. Hill fog was reported on a few days and sea fog sometimes encroached on North Sea and English Channel coasts.

Miscellaneous Phenomena

The aurora was observed on 11 nights in Scotland.

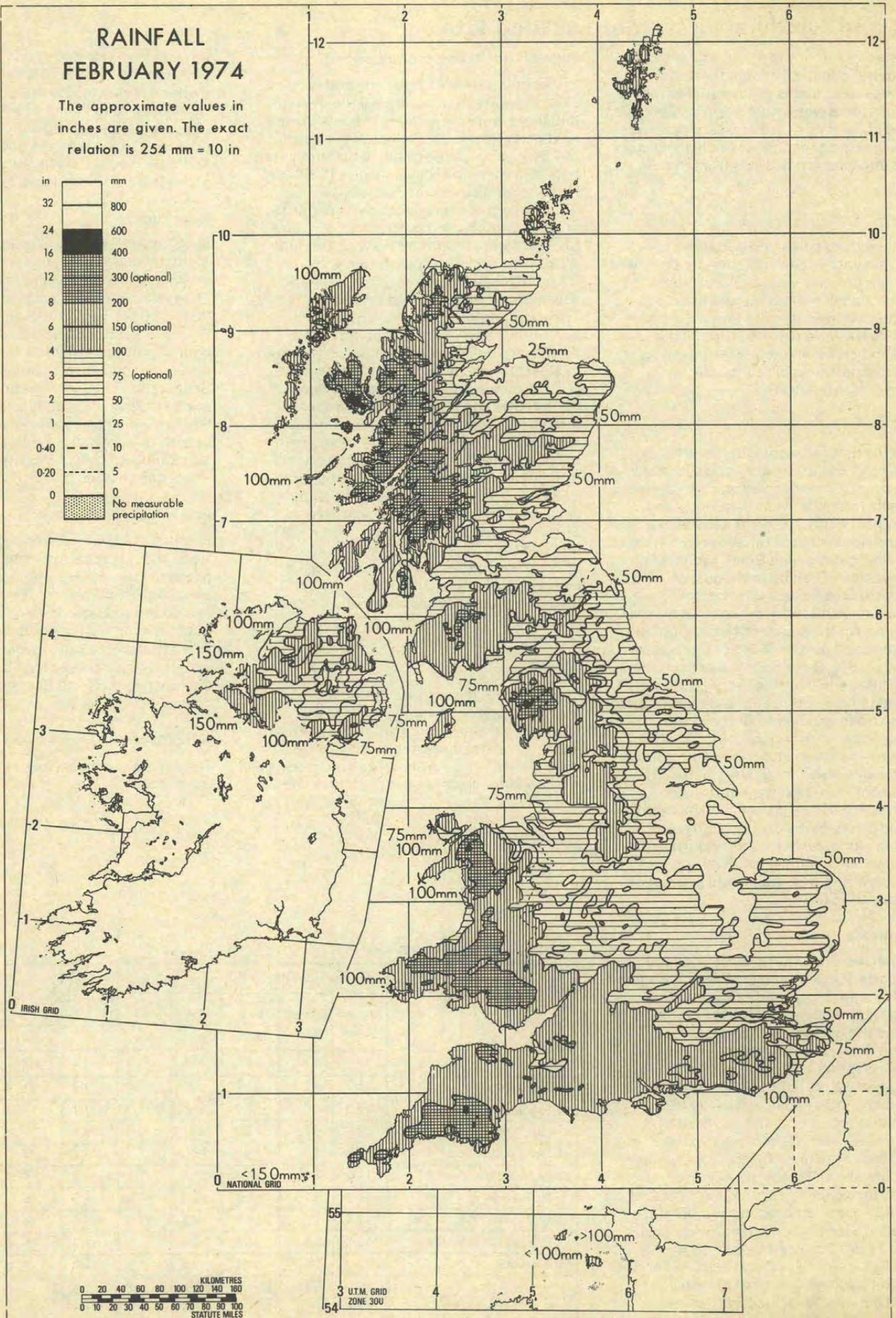
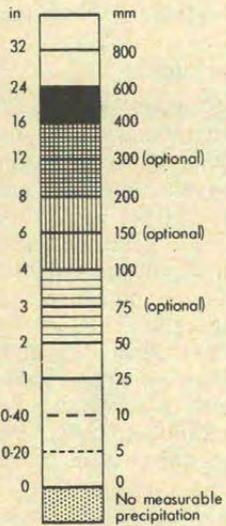
Table 1 District values**February 1974**

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	13.0	-3.3	+1.3	+1.5	+1.4	+1.2	+2	105	61
1 Scotland E	16.1	-2.5	+1.6	+2.1	+1.8	+1.7	+1	101	77
2 England E & NE	13.3	-4.3	+1.9	+1.9	+1.9	+1.5	0	105	105
3 East Anglia	13.6	-4.2	+2.0	+2.1	+2.0	+2.1	+2	143	98
4 Midland Counties	14.0	-2.6	+1.9	+2.0	+2.0	+1.7	+3	158	90
5 England SE & Central S	13.5	-2.5	+1.9	+1.9	+1.9	+1.9	+4	203	97
6 Scotland W	11.1	-5.2	+1.5	+2.3	+1.9	+1.5	+5	129	76
7 England NW & Wales N	12.3	-1.7	+1.6	+2.2	+1.9	+1.6	+4	149	80
8 England SW & Wales S	13.1	-2.8	+1.6	+1.4	+1.5	+1.3	+5	214	106
N Ireland	12.1	-2.9	+1.1	+1.4	+1.3	+1.0	+4	129	85
Scotland	16.1	-5.2	+1.5	+2.0	+1.7	+1.5	+3	112	71
England & Wales	14.0	-4.3	+1.8	+1.9	+1.9	+1.7	+3	162	96

*Highest maximum and lowest minimum of District Value Stations

RAINFALL FEBRUARY 1974

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



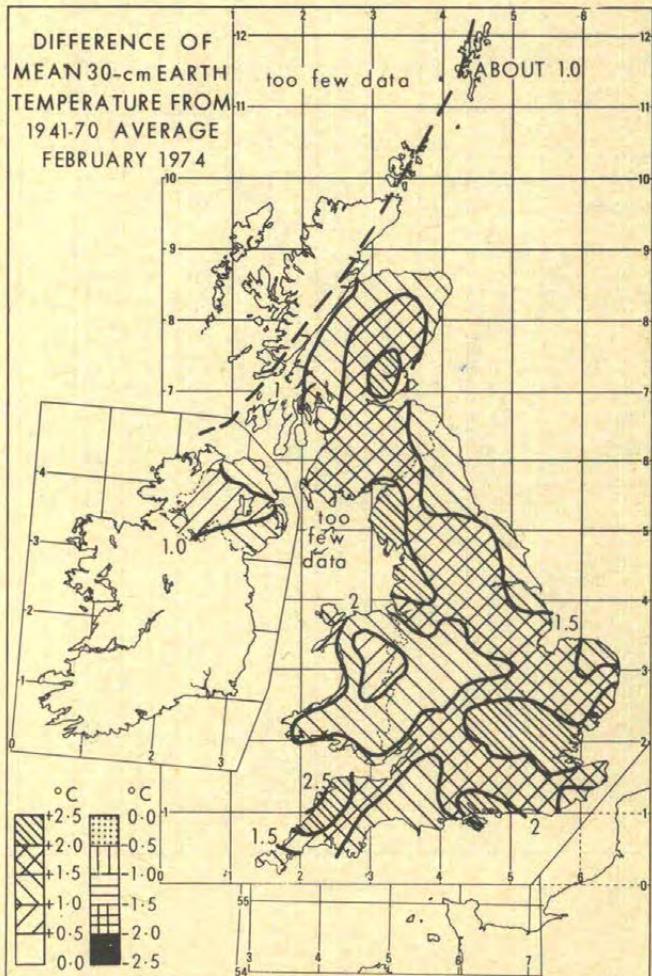
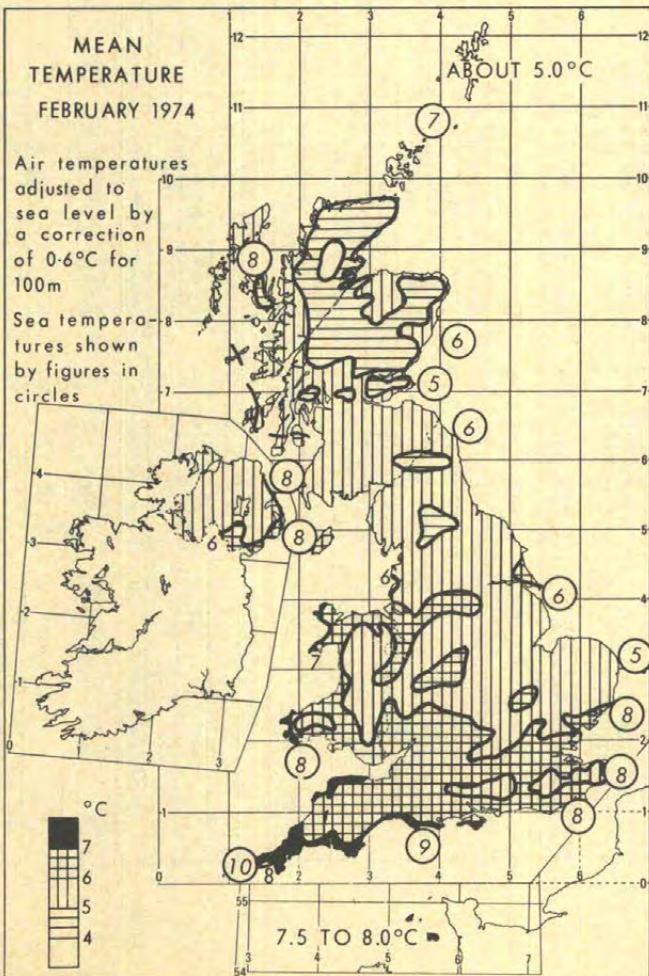
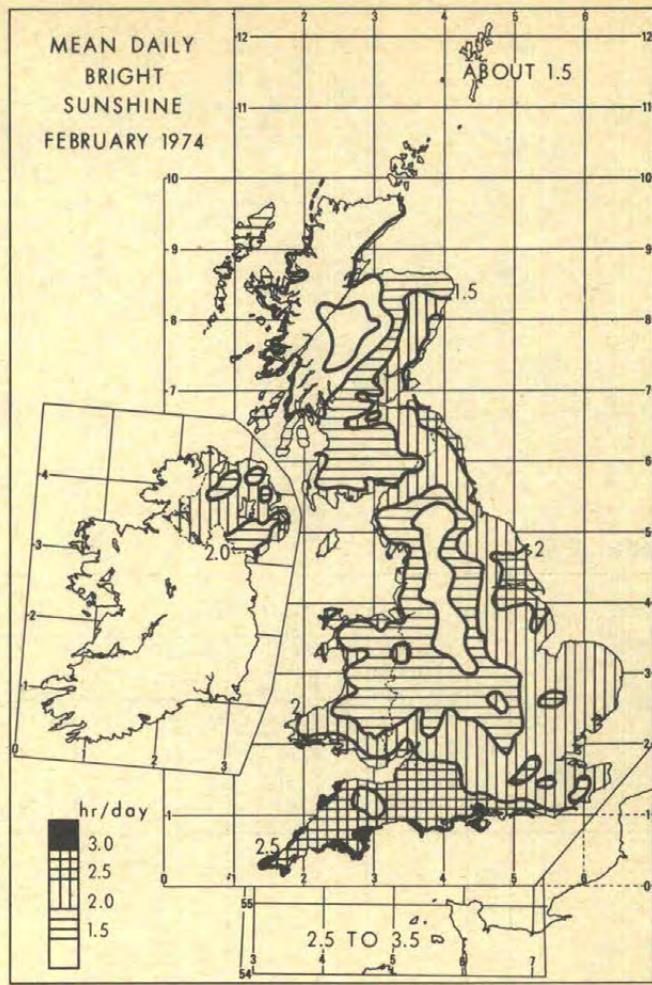
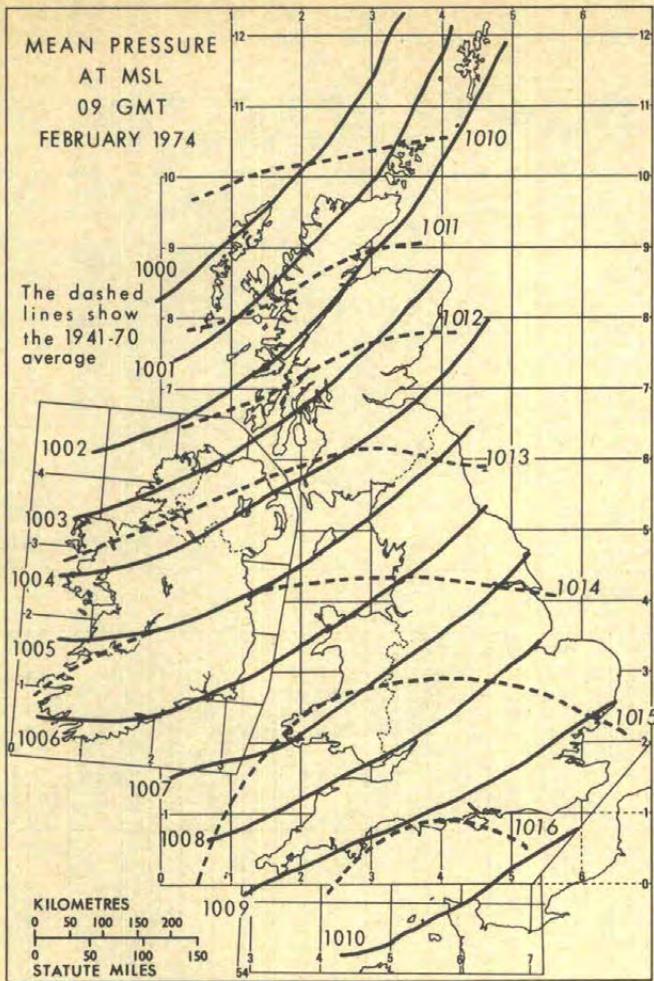


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF OBSERVATION (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION BELOW 0.50 C	WIND SPEED BELOW 0.50 C	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE											
6A SCOTLAND W																													
ARGYLL																													
ACHAGLACHGACH ...	9-9	12	7.9	2.8	5.3	-	11.0	17	-1.8	14	-	165	-	21	14	23	22	0	0	0	0	0	0	0	0	0	0	0	0
AROS ...	9-9	37	7.9	2.9	5.4	-	10.6	26	-2.5	14	-	179	-	21	8	25	24	3	1	0	2	0	1	4	15	14	0	0	
BENMORE (YOUNGER BOTANIC GARDEN)	9-9	12	7.2	2.5	4.9	-	10.4	17	-1.5	8	-	239	-	29	2.15	24	23	6	1	0	0	0	2	6	18	8	0	0	
COLONSAY ...	9-9	30	7.7	3.7	5.7	-	9.1	8.10.26	0.0	14	-	124	151	15	28	27	21	2	0	0	0	0	5	6	0	0	0	0	
DUNSTAFFRAGE ...	9-9	3	8.0	3.7	5.9	-	10.8	26	0.2	14	-	121	-	16	9	25	20	4	0	0	0	0	1	0	0	0	0	0	
GLENBRANTER ...	9-9	24	7.7	1.4	4.5	-	11.4	21	-2.7	14	-	213	-	25	2	25	24	8	0	0	0	0	0	0	0	0	0	0	
KNAPDALE FOREST ...	9-9	40	7.7	2.6	5.1	-	10.8	17	-2.2	14	-	174	-	27	28	26	21	4	0	0	0	0	0	0	0	0	0	0	
MACHRIHANISH ...	21-9	10	8.1	4.2	6.1	-	10.9	8	-0.4	14	-	105	-	13	5	22	20	4	1	0	0	0	0	2	7	14	7	14	
POLLOCH ...	9-9	10	8.2	2.2	5.2	-	12.0	26	3.0	14	-	276	-	42	20	23	22	4	0	0	0	0	0	0	0	0	0	0	
PORT ELLEN ...	9-9	18	-	-	-	-	-	-	-	-	-	122	-	18	14	-	-	-	1	1	1	1	0	0	0	0	0	0	
RHUVAAL ...	21-9	20	8.0	4.0	6.0	-	10.3	21	0.0	6	-	146	-	31	28	23	17	1	0	0	1	0	0	0	0	0	0	0	
TIREE ...	21-9	9	7.9	4.4	6.1	+1.2	9.8	25	0.0	6.7	-	115	156	17	14	26	17	6	0	0	6	0	0	0	0	0	0	0	
BUTE																													
BRODICK CASTLE ...	9-9	15	8.2	3.5	5.9	-	12.0	23	-1.4	14	5.7	168	-	32	15	24	19	1	0	0	1	0	0	0	2	12	0	0	
KILDONAN ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROTHESAY ...	9-9	43	7.5	3.3	5.4	-	11.0	17	-0.5	14	4.6	5.3	138	-	25	8	22	20	4	0	0	0	0	0	1	10	0	0	
DUNBARTON																													
ARROCHMORE ...	9-9	37	7.6	2.5	5.1	-	11.5	26	-2.7	14	-	138	-	29	8	23	17	-	0	-	-	0	6	16	-	-	-	1.60	
CUMBERNAULD ...	9-9	94	6.8	1.5	4.1	-	10.0	10.23	-2.5	14	-	65	-	11	8	21	17	3	3	0	0	0	0	1	5	11	0	0	
FINNART ...	9-9	15	-	3.3	-	-	-	-	-1.5	14	-	187	-	26	14	24	23	3	0	1	0	0	0	0	0	0	0	0	0
HELENSBURGH ...	9-9	89	6.7	2.2	4.5	+1.6	11.3	10	-2.5	14	-	133	-	24	8	23	19	7	2	0	1	0	1	7	-	-	-	1.60	
SLOY ...	21-9	12	7.4	3.4	5.4	-	11.5	20	-3.0	14	-	268	-	39	8	26	23	6	0	0	1	0	0	0	0	0	0	0	0
STIRLING																													
EARLS HILL ...	21-9	335	4.8	0.6	2.7	-	9.0	21.26	-3.3	14	-	-	-	-	-	-	-	9	-	0	0	0	0	7	10	14	14	6	
FALKIRK (SEWAGE WORKS)	9-9	3	7.8	2.7	5.3	-	10.8	10.21.23	-2.3	14	-	53	-	10	8	15	14	3	0	0	0	0	0	0	4	-	-	1.94	
GRANGEMOUTH																													
B.P. REFINERY ...	9-9	2	8.4	3.3	5.9	-	11.4	23	-2.9	20	-	66	-	11	4	17	14	-	-	-	-	4	-	-	-	-	-	-	
MUNICIPAL CHAMBERS ...	9-9	4	-	3.2	-	-	-	-	-2.2	14	-	57	-	11	8	16	15	-	1	-	-	-	2	4	8	-	-	-	
PARKHEAD ...	9-9	107	-	2.4	-	-	-	-	-3.7	14	3.9	77	-	17	8	17	12	-	1	-	-	2	6	-	-	-	-	-	
STIRLING (BATTERFLATS)	9-9	38	7.9	1.9	4.9	-	12.7	25	-4.9	14	4.5	5.1	88	-	19	8	19	12	3	3	0	2	0	1	6	19	0	0	
RENFREW																													
ABBOTSLINCH AIRPORT ...	21-9	5	8.0	3.1	5.5	+2.0	11.1	17	-2.6	14	-	63	-	15	8	23	16	8	0	1	0	0	0	7	10	10	0	1.77	
BARRHEAD ...	9-9	30	7.7	2.7	5.2	-	10.4	26	-2.4	14	-	61	71	14	8	21	15	5	1	0	0	0	0	3	13	-	-	0	
GREENOCK ...	9-9	61	6.9	3.1	5.0	+1.3	9.5	25	-0.7	7	-	141	123	26	8	23	16	4	1	0	2	0	2	2	6	6	0	0	
PAISLEY ...	9-9	32	8.0	3.2	5.6	+1.9	11.2	23.26	-1.0	14	4.8	6.1	65	78	16	8	22	14	3	0	0	0	0	1	10	0	0	1.65	
LANARK																													
CAMPS RESERVOIR ...	9-9	295	5.6	0.6	3.1	-	8.8	21	-4.0	8	-	113	-	16	1	23	17	9	5	0	0	0	0	0	11	-	-	1.66	
CARNATH ...	9-9	208	6.5	0.9	3.7	-	9.5	26	-3.8	13	4.0	-	51	-	13	11	21	15	9	3	2	0	0	0	12	18	13	0	0
CORTBRIDGE ...	9-9	78	7.3	2.3	4.8	-	10.3	26	-1.5	14	-	51	-	12	8	19	14	4	2	0	1	0	0	0	0	0	0	0	
CRAWFORD JOHN ...	9-9	274	5.8	0.7	3.3	-	9.0	21	-3.2	8	3.8	-	-	-	-	-	-	6	3	0	1	0	1	10	14	13	1	1.78	
EAST KILBRIDE ...	9-9	178	6.7	1.9	4.3	-	9.9	26	-1.7	14	-	94	-	10	9	20	15	5	4	0	2	0	0	0	4	17	0	0	
GLASGOW (SPRINGBURN)	9-9	107	6.9	2.6	4.7	+2.0	10.6	23	-0.8	13.14	-	57	80	15	8	20	15	5	2	0	0	0	0	0	4	17	0	0	
LANARK ...	9-9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEADHILLS ...	9-9	388	4.9	0.5	2.7	-	8.9	26	-4.3	8	-	180	-	23	1	25	23	10	5	0	0	0	0	4	9	17	3	1.76	
SALSBURGH ...	9-9	275	5.8	1.5	3.7	-	9.0	10.26	-2.1	14	-	-	-	-	-	-	-	4	-	0	0	0	0	3	9	15	9	1.81	
AYR																													
AUCHINCUIVE ...	9-9	45	7.9	3.2	5.5	+2.0	11.1	26	-0.6	14	5.5	6.3	45	81	4	8	21	14	2	1	0	1	0	0	1	12	0	2.11	
CUMNOCK ...	9-9	99	7.6	1.7	4.7	-	12.1	26	-1.4	7	-	71	-	14	11	20	15	6	0	0	0	0	0	0	8	16	-	0	
GIRVAN ...	9-9	8	8.1	4.0	6.1	-	10.7	8	0.7	14	-	82	-	11	14	23	17	3	0	0	0	0	0	0	0	3	0	0	
LARGS ...	9-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PRESTWICK ...	21-9	16	7.9	3.3	5.6	-	11.6	26	-																				

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL HEIGHT (OBSERVATION)	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CH DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW LYING AT 0H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	WIND CHILL C	WIND CHILL F	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					DATE	DATE	0.2 MM OR MORE	1.0 MM OR MORE											SNOW OR SLEET	
2 ENGLAND E & W -CONTINUED																														
DURHAM	9 9	102	7.5	2.1	4.8	+1.9	12.9	21	-1.5	4	4.2	5.5	45	89	7	14	18	14	-	1	-	-	-	2	7	10	-	-	2.04	82
DURHAM ...	9 9																													
CLEVELAND	9 9	51	7.9	1.9	4.9	-	12.6	21	-2.0	8	-	-	46	8	11	14	10	4	1	0	0	0	0	8	13	-	-	2.08	-	
HARTBURN GRANGE	9 9	9	8.4	3.1	5.7	+1.6	13.8	21	-1.1	4	-	-	57	13	6	13	12	1	0	0	0	0	0	0	8	13	-	-	2.17	-
HARTLEPOOL	9 9	46	8.1	2.7	5.4	-	14.0	21	-1.6	4	5.0	5.8	42	9	6	16	11	4	0	0	0	0	0	4	11	-	-	2.09	-	
HARTON	9 9																													
NORTH YORKSHIRE																														
ASKHAM BRYAN	9 9	34	-	-	-	-	-	-	-	-	-	-	48	106	12	5	18	10	2	2	0	0	0	4	13	-	-	1.73	77	
CANWOOD	9 9	6	8.3	2.3	5.3	-	12.0	11	-1.6	24	4.8	5.4	46	5	10	15	10	2	1	0	0	0	0	5	14	-	-	2.00	-	
FILEY	9 9	37	8.1	2.3	5.2	-	12.8	21	-2.6	4	-	-	45	7	10	12	10	1	0	0	0	0	0	3	6	-	-	2.43	-	
HIGH MOUTHORPE	9 9	175	6.8	1.9	4.3	-	11.1	21	-2.5	4	4.0	-	68	12	11	16	11	1	0	0	0	0	0	3	6	-	-	2.28	-	
LEEMING	21-9	32	7.9	3.2	5.5	-	12.6	21	-1.9	20	-	-	59	10	14	18	14	5	2	2	0	0	0	4	11	-	-	2.24	-	
MALHAM TARN	9 9	395	4.9	0.7	2.8	+1.7	7.8	11	-4.0	8	(3.7)	-	130	27	14	17	13	4	3	0	0	0	0	0	0	-	-	-	-	
PICKERING	9 9	44	7.9	1.6	4.7	-	14.0	21	-3.7	4,8	-	-	53	9	28	14	11	4	1	1	0	0	0	3	13	-	-	2.33	104	
SCARBOROUGH	9 9	53	8.0	2.7	5.3	-	13.4	21	-1.2	4	4.7	5.5	56	117	14	28	14	11	3	0	0	0	0	0	0	0	-	-	2.33	104
SILPHO MOOR	9 9	203	7.2	1.6	4.4	-	12.8	21	-2.2	8	3.8	-	70	14	28	19	12	2	1	0	0	0	0	0	3	9	-	-	2.33	104
WHITBY (COASTGUARD)	21-9	60	7.7	3.1	5.4	-	13.7	21	-0.9	4	-	-	45	6	11	15	11	1	0	0	0	0	0	2	2	-	-	2.33	104	
YORK (HESLINGTON)	9 9	20	8.2	2.7	5.5	-	12.4	21	-1.3	8	4.9	5.6	41	9	10	13	10	4	1	0	0	0	0	3	13	-	-	2.37	-	
HUMBERSIDE																														
BRIDLINGTON	9 9	48	7.9	2.2	5.1	-	12.8	21	-2.2	4	-	-	58	9	28	14	12	3	0	0	0	0	0	1	3	-	-	2.56	-	
BRIGG	9 9	3	8.6	2.3	5.5	-	12.6	11	-2.0	24	-	-	48	9	28	13	9	4	2	0	0	0	0	0	0	-	-	2.56	-	
CLEETHORPES	9 9	7	-	2.7	-	-	-	-	-	4,8	-	-	36	78	7	10	12	9	-	-	-	-	-	0	2	-	-	2.91	126	
HULL	9 9	2	9.2	3.1	6.1	+2.2	13.3	21	-0.3	8	4.9	6.3	36	75	9	6	12	10	4	1	0	0	0	0	3	-	-	2.61	125	
KILNSEA	21-9	12	7.7	3.5	5.6	-	12.4	11	0.0	4,8	-	-	34	7	5	11	8	2	0	0	0	0	0	0	0	-	-	2.91	-	
LINCOLNSHIRE																														
BINBROOK	21-9	108	7.3	2.4	4.9	-	11.8	11	-2.3	8	-	-	50	9	10	15	9	5	0	0	1	0	0	6	14	-	-	2.41	-	
CRANWELL	9 9	62	8.0	1.8	4.9	+1.8	12.6	11	-2.2	20	4.7	5.3	48	124	10	9	15	10	4	1	0	1	0	0	7	15	-	-	2.35	93
LINCOLN	9 9	7	8.5	1.7	5.1	+1.8	13.0	11	-4.3	20	5.1	5.7	43	7	28	12	9	2	0	0	0	0	0	0	8	16	-	-	2.10	-
SKEGNESS	9 9	5	8.1	2.9	5.5	+2.0	12.5	21	-1.4	8	-	-	43	108	10	8	11	9	0	0	0	0	0	2	10	-	-	2.18	90	
WADDINGTON	21-9	68	7.9	2.8	5.3	+2.0	12.9	11	-2.8	4	-	-	45	8	9	15	9	4	0	0	0	0	0	4	12	-	-	2.21	86	
3 EAST ANGLIA																														
NORFOLK																														
COLTISHALL	21-9	17	8.7	3.2	5.9	-	14.8	21	-2.6	5	-	-	56	9	9	17	15	3	0	1	1	1	2	3	11	-	-	7	0	
COSTESSEY	9 9	20	8.8	2.5	5.7	-	13.6	21	-1.7	5	-	-	66	9	11	18	14	3	0	0	2	1	1	1	5	11	-	-	2.43	100
CROMER	9 9	54	8.1	3.1	5.6	+2.0	12.0	10	-0.8	8	-	-	53	113	13	13	13	10	1	0	0	0	0	1	1	-	-	4	0	
EAST DEREHAM	9 9	53	8.7	2.2	5.5	-	14.6	21	-3.2	20	-	-	65	10	14	16	13	3	0	1	0	0	0	5	6	-	-	4	0	
GORLESTON	21-9	4	7.7	3.5	5.6	+1.7	12.8	21	-2.6	25	5.9	6.9	33	78	6	6	14	11	0	0	0	0	0	1	2	8	-	-	2.34	99
MARHAM	21-9	23	8.4	2.7	5.5	-	13.5	21	-3.5	24	-	-	62	15	9	15	12	3	0	1	0	0	0	5	8	-	-	4	1	
MORLEY ST BOTOLPH	9 9	48	7.9	2.4	5.1	-	12.8	21	-1.2	8,24	5.1	-	68	11	9	15	13	1	0	0	0	0	3	4	13	-	-	2.37	-	
SANTON DOWNHAM	9 9	24	8.8	1.1	4.9	-	14.0	21	-5.7	24	5.2	6.0	69	11	9	14	13	-	-	-	-	-	0	11	19	-	-	2.07	-	
SANTON DOWNHAM	9 9	24	8.8	1.1	4.9	-	14.0	21	-5.7	24	5.2	6.0	69	11	9	14	13	-	-	-	-	-	0	11	19	-	-	2.07	-	
SCOLE	9 9	27	8.3	2.5	5.4	-	13.3	21	-1.6	5	5.2	5.8	49	7	8	15	11	0	0	1	0	0	2	4	14	-	-	2.03	-	
TERRINGTON ST CLEMENT	9 9	3	8.3	2.5	5.4	+2.1	12.6	11,21	-1.2	8	5.8	-	56	11	9	14	10	0	0	0	0	0	0	0	0	-	-	2.17	92	
CAMBRIDGESHIRE																														
BOXMOUTH	9 9	44	8.4	2.3	5.3	-	13.4	21	-1.5	8	-	-	55	11	9	16	12	2	0	0	1	0	0	1	6	14	-	-	2.33	-
CAMBRIDGE																														
BOTANIC GARDENS	9 9	12	8.8	(2.0)	(5.4)	(1.7)	13.5	21	-4.2	8	5.6	-	43	122	11	8	17	10	0	0	0	0	0	1	7	10	-	-	2.33	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	8.6	2.7	5.7	-	13.7	21	-1.5	24	-	-	61	-	3	15	12	0	0	0	0	0	0	1	5	13	-	-	2.63	105
MARCH	9 9	2	(9.0)	(2.0)	(5.5)	-	14.2	26	-2.0	14	-	-	61	125	11	8	15	12	0	0	0	0	0	1	7	16	-	-	2.42	-
MEPAL	9 9	1	8.7	(1.8)	(5.3)	-	13.6	21	-2.7	24	6.4	(8.3)	46	11	10	13	10	1	0	0	0	0	0	1	7	16	-	-	2.42	-
MONKS WOOD	9 9	40	8.5	2.5	5.5	-	13.8	21	-3.8	20	5.5	6.5	51	10	8	17	12	2	0	0	0	0	0	1	4	13	-	-	2.26	-
WITTERING	9 9	73	8.0	2.8	5.4	-	13.4	21	-2.0	8,20	-	-	47	8	9	19	10	4	0	0	2	0	1	6	13	-	-	2.03	-	
WYTON	21-9	40	8.4	3.6	6.0	-	13.2	21	-1.9	20	-	-	46	9	9	14	11	4	0	0	0	0	1	4	11	-	-	9	1	
SUFFOLK																														
ALDEBURGH	9 9	75	8.1	2.6	5.3	-	13.2	21	-1.5	20	5.0	5.9	57	9	8	17	13	3	0	0	0	0	0	0	3	5	-	-	2.38	-
BROOMS BARN	9 9	4	8																											

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION		SNOW OR SLEET	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	WIND CHILL INDEX	SENSE OF WIND	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE																	
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	AMOUNT	DATE	OR MORE	OR MORE																							
4 MIDLAND COUNTIES																																			
WEST YORKSHIRE																																			
BRADFORD	9 9	134	7.4	2.3	4.9	+2.0	11.6	11	-1.6	8	4.6	5.4	104	145	16	10	2.14	20	17	14	5	2	0	0	0	0	0	2	5	17	0	1.50	76	S	
BRAMHAM	9 9	54	7.9	2.3	5.1		12.3	11	-1.5	8			49	99	10	10	17	12	14	5	2	0	0	0	0	0	0	1	5	17	0	1.64	82	S	
HUDDESFIELD	21-9	232	6.7	2.5	4.6	+2.0	10.8	11	-1.0	8	4.2	4.7	99	120	18	10	19	15	5	2	0	0	0	0	0	0	2	6	15	13	6	1.81	104	S	
OKES	9 9	99	8.0	2.8	5.4	+2.2	11.9	11	-0.7	24	4.7	5.5	80	125	15	10	18	12	4	4	0	0	0	0	0	0	0	1	4	15	10	0	1.66	77	S
ILKLEY	9 9	83	7.9	2.8	5.3	+2.3	13.0	22	-1.5	14			104	135	15	2	19	14	5	5	1	1	0	0	0	0	3	3	10	0	1.81	104	S		
PONTEFRAC	9 9	78	7.8	2.5	5.1	+1.8	11.9	11	-1.0	4			41	103	7	10	18	11	4	2	0	0	0	0	0	0	2	4	4	0	1.66	77	S		
WILSON	9 9	262	6.5	1.5	4.0		10.4	11	-2.0	8			116	24	2	20	15	7	4	4	0	0	0	0	0	0	4	8	15	16	0	1.66	77	S	
SOUTH YORKSHIRE																																			
FINNINGLEY	21-9	10	8.7	2.6	5.7		13.1	11	-2.5	5			43		11	28	13	9	4	0	0	0	0	0	0	0	2	9	14	12	0	2.29		S	
SHEFFIELD	9 9	131	8.0	3.1	5.5	+2.0	12.2	24	0.1	8	4.7	5.7	67	100	14	10	19	12	4	2	0	0	0	0	0	0	2	9	14	12	0	1.98	103	S	
DERBYSHIRE																																			
ASHOVER	9 9	186	7.3	2.1	4.7		11.0	24	-2.4	8			109		19	28	20	14	5	2	0	0	0	0	0	0	3	6	15	0	1.86		S		
BUXTON	9 9	314	6.2	1.7	3.9	+2.2	9.7	10	-1.8	8	3.9	4.3	143	143	21	8.11	21	19	7	4	0	0	0	0	0	0	1	4	5	15	3	1.41	87	S	
DERBY	9 9	48	8.6	2.7	5.7		12.2	11	-1.7	24			61		16	8	18	10	2	0	0	0	0	0	0	0	1	6	13	0	1.68		S		
MACKWORTH	9 9	89	(8.1)	(2.0)	(5.1)		11.7	11	-3.1	24			74		18	8	18	12	2	0	0	0	0	0	0	0	1	6	7	0	1.68		S		
MORLEY	9 9	107	7.9	2.2	5.1		11.6	11	-1.2	5.8			61		15	8	15	10	2	1	0	0	0	0	0	0	4	7	13	0	1.86		S		
WINGERWORTH	9 9	126	7.8	1.8	4.8		11.2	11	-3.2	24	4.3		99		17	28	19	12	5	2	0	0	0	0	0	0	3	9	18	16	0	1.91		S	
NOTTINGHAMSHIRE																																			
MANSFIELD	9 9	114											68		17	8	15	12																	
NEWTHORPE	9 9	58	8.3	2.1	5.2		11.9	11	-3.2	8			68		17	8	15	12																	
NOTTINGHAM	9 9	59	8.7	2.8	5.7	+2.0	12.2	11	-0.6	24	4.9	5.5	59	147	12	8	15	12	3	1	0	0	0	0	0	0	1	4	15	0	2.03	107	S		
SUTTON BONINGTON	9 9	48	8.4	2.6	5.5	+2.1	12.2	11,21	-1.8	24	5.6	6.3	59		10	28	18	11	4	0	0	0	0	0	0	0	2	6	13	0	1.88	84	S		
WARSOP	9 9	46	8.4	2.2	5.3		12.1	11	-3.0	24			50		9	28	14	9	3	1	0	0	0	0	0	0	3	7	18	0	2.34		S		
WATNALL	21-9	117	7.9	2.9	5.4	+2.1	11.6	11	-1.1	5			69		16	8	16	12	5	1	0	0	0	0	0	0	2	9	16	13	0	1.57	75	S	
STAFFORDSHIRE																																			
KEELE	9 9	179	7.3	1.8	4.5		10.5	11	-1.5	5,28	4.6	5.6	68		12	14	21	14	4	3	0	0	0	0	0	0	1	6	13	0	1.64		S		
OKEN	9 9	125	8.0	2.1	5.1	+2.2	11.7	21	-2.5	5	5.4		69	151	9	14	19	15	4	0	0	0	0	0	0	0	2	5	16	0	1.88		S		
PENKRIDGE	9 9	101	7.9	2.5	5.2		11.5	21	-1.8	5			61		11	8	18	14	3	1	0	0	0	0	0	0	1	6	13	0	1.88		S		
STONE	9 9	107	7.7	2.0	4.9		11.2	11	-2.2	5			55		8	8	21	12	3	1	0	0	0	0	0	0	3	7	15	0	1.53		S		
LEICESTERSHIRE																																			
CALDECOTT	9 9	52	8.1	1.9	5.0		13.0	21	-3.5	20			65		10	28	18	12	3	0	0	0	0	0	0	0	3	9	15	0	1.87		S		
NEWTOWN LINFORD	9 9	119	7.9	1.9	4.9		13.0	21	-2.2	20			64		13	8	18	12	3	0	0	0	0	0	0	0	1	7	14	0	1.50		S		
SALOP																																			
NEWPORT	9 9	64	8.3	2.1	5.2	+2.1	11.4	11	-2.6	5			52	125	9	11	21	13	5	1	1	2	0	0	0	0	1	6	15	0	1.86	86	S		
OSWESTRY	9 9	174	7.4	2.3	4.9	+1.7	10.3	10,11	-1.2	28			87	132	18	11	18	14	5	1	0	0	0	0	0	0	0	1	18	0	2.14	87	S		
SHAWBURY	21-9	72	8.4	2.3	5.3	+1.8	12.1	11	-5.5	5			56		13	11	19	15	3	0	0	0	0	0	0	0	0	11	15	13	0	1.92	83	S	
SHREWSBURY	9 9	56	8.6	2.6	5.6	+1.9	12.1	11	-2.5	5	5.5	6.5	51		13	11	17	12	0	0	0	0	0	0	0	0	0	7	13	0	1.86	79	S		
WEST MIDLANDS																																			
BIRMINGHAM																																			
EDGBASTON	21-9	163	7.8	3.4	5.6	+2.1	12.3	21	-0.5	28	6.0		87	160	15	14	18	15	4	1	0	0	2	0	2	2	2	14	12	0	1.79	88	S		
ELMDON AIRPORT	21-9	96	8.2	2.7	5.5	+2.2	13.5	21	-2.6	24			84		13	10	18	17	3	0	0	2	0	2	0	2	8	14	14	0	1.95	88	S		
KING EDWARD SCHOOL	9 9	137																																	
WARWICKSHIRE																																			
LUDDINGTON	9 9	56	8.3	1.9	5.1		12.5	21	-2.5	25			61		14	10	20	16	1	0	0	1	0	0	0	0	5	9	17	0	1.70		S		
MORETON MORRELL	9 9	85	7.9	1.7	4.8		12.1	21	-4.0	25			71		13	8	22	16	1	0	0	0	0	0	0	0	6	10	17	4	1.51		S		
RUGBY	9 9	117	7.9	1.8	4.9	+1.6	13.4	21	-3.2	25	4.9	6.3	62		13	10	19	15	2	0	0	0	0	0	0	0	4	10	16	15	0	1.88		S	
SHIPSTON-ON-STOUR	9 9	111	7.9	2.0	4.9	+1.6	12.1	21	-3.1	25	5.8		90	215	23	10	21	17	1	0	0	1	0	0	0	0	2	9	15	0	1.94	78	S		
STRATFORD-ON-AVON	9 9	49	8.5	1.6	5.1	+1.6	12.4	21	-2.9	8	5.9		66		15	10	20	15	0	0	0	0	0	0	0	0	4	11	18	0	1.56	68	S		
WELLESBOURNE	9 9	47	8.1	1.9	5.0		12.0	21	-2.5	25,26	5.5	6.2	64		11	10	20	15	0	0	0	0	0	0	0	0	3	6	14	14	1	1.74		S	
NORTHAMPTONSHIRE																																			
BUGBROOKE MILLS	9 9	69	(1.8)	(1.6)	(5.1)		13.6	22	-3.1	24	(5.6)	(6.6)	76		19	8	18	13	0	0	0	0	0	0	0	0	1	(10)		0	(2.19)		S		
RAUNDS	9 9	59	8.3	2.2	5.3	+2.0	13.6	21	-2.6	8	5.1	6.1	58	146	15	8	18	12	0																

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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL (GMT) HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	SCALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
		MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 MM OR MORE															
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE ...	21-9	26	8.0	3.5	5.7	-	11.0	10	-0.9	8	-	58	11	8	16	13	5	0	0	0	0	0	0	0	0	0	0	2.44	-		
CARTHEL ...	9-9	34	8.0	2.0	5.0	-	11.3	23	-2.6	5.9	-	91	12	8	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0		
GRIZEDALE ...	9-9	31	7.4	0.5	3.9	-	11.1	21	-3.9	14	4.7	143	27	14	19	18	4	3	0	0	0	0	0	0	0	0	0	0	0		
HEVERSHAM ...	9-9	30	8.2	2.2	5.2	-	12.0	11	-2.1	8	-	100	14	8	21	14	3	0	0	0	0	0	0	0	0	0	0	0	0		
MOOR HOUSE ...	9-9	556	3.5	-0.4	1.5	-	7.6	26	-6.5	8	2.6	215	44	2	23	20	11	8	1	1	4	0	0	0	0	0	0	1.31	-		
NEWTON RIGG ...	9-9	171	7.0	2.0	4.5	+2.0	10.1	26	-1.7	12	4.3	127	20	2	19	14	3	2	2	0	0	0	0	0	0	0	0	1.80	-		
SELLAFIELD ...	9-9	173	8.1	3.4	5.7	-	11.0	10	-0.4	14	-	85	13	28	23	17	0	0	0	0	0	0	0	0	0	0	0	0	2.33	-	
LANCASHIRE																															
BAILRIGG ...	9-9	53	7.8	2.9	5.3	-	11.7	11	-1.0	8	-	89	15	2	20	13	3	0	0	0	0	0	0	0	0	0	0	0	1.77	-	
HELMSHORE ...	9-9	260	6.2	1.7	3.9	-	9.5	11	-1.5	28	-	159	24	10	19	18	4	3	0	0	0	0	0	0	0	0	0	0	0		
KIRKHAM ...	9-9	24	8.1	2.7	5.4	-	11.5	11	-1.0	8	-	98	13	2	19	14	2	0	0	0	0	0	0	0	0	0	0	0	1.94	-	
MORECAMBE ...	9-9	7	8.1	3.5	5.8	+2.1	11.2	11	0.0	14	-	92	151	2	23	16	2	0	0	0	0	0	0	0	0	0	0	0	1.98	77	
NELSON ...	9-9	165	7.1	1.9	4.5	+1.9	10.2	10-11	-1.7	8	4.5	96	17	2	16	14	0	3	0	0	0	0	0	0	0	0	0	0	1.42	83	
PRESTON ...	9-9	33	8.2	2.9	5.5	-	11.6	11	-0.8	8	-	95	153	14	10	19	13	0	0	0	0	0	0	0	0	0	0	0	-	-	
SLAIDURN ...	9-9	192	6.3	1.7	4.0	-	10.2	11	-2.5	8	-	136	124	19	8	22	15	5	4	0	0	0	0	0	0	0	0	0	1.28	-	
SQUIRES GATE AIRPORT ...	21-9	10	8.2	3.9	6.1	+2.2	11.7	11	-1.0	8	-	83	11	28	18	14	4	0	0	0	0	0	0	0	0	0	0	0	2.06	78	
STONYHURST ...	9-9	115	7.5	2.2	4.9	+1.8	11.3	21	-1.3	8	-	97	119	18	8	19	15	0	2	0	0	0	0	0	0	0	0	0	1.55	71	
MERSEYSIDE																															
AIGBURTH ...	9-9	12	8.4	3.7	6.1	-	11.5	11	0.1	28	-	50	8	10	19	16	3	0	3	0	0	0	0	0	0	0	0	0	2.06	-	
SOUTHPORT ...	9-9	5	8.2	3.1	5.7	+2.0	11.8	11	-0.5	8	5.7	85	17	2	17	13	0	0	0	0	0	0	0	0	0	0	0	0	1.85	72	
SPEKE AIRPORT ...	21-9	22	8.5	3.8	6.1	+1.8	12.0	11	-0.3	28	-	60	10	10	20	17	5	0	2	0	0	0	0	0	0	0	0	0	1.94	87	
WEST KIRBY PARK ...	9-9	8	8.9	3.6	6.3	+2.2	13.2	11	0.1	28	-	60	11	3	20	16	1	0	0	0	0	0	0	0	0	0	0	0	2.31	94	
GREATER MANCHESTER																															
BOLTON ...	9-9	107	7.5	2.2	4.9	-	11.0	11	-2.2	8	5.0	105	18	8	19	16	3	2	0	0	0	0	0	0	0	0	0	0	1.36	68	
MANCHESTER																															
RINGWAY AIRPORT ...	21-9	75	7.9	3.7	5.8	+2.1	11.7	11	-0.5	8	-	75	13	11	19	16	4	1	1	0	0	0	0	0	0	0	0	0	1.76	80	
WEATHER CENTRE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.53	-	
ROCHDALE ...	9-9	110	7.5	2.4	4.9	+1.9	10.8	11	-2.3	8	-	129	166	17	11	21	16	4	2	0	0	0	0	0	0	0	0	0	0	1.21	69
CHESHIRE																															
KNUTSFORD ...	9-9	65	8.1	2.8	5.5	-	11.3	11	-0.7	8	4.7	71	10	11	20	17	2	1	0	0	0	0	0	0	0	0	0	0	-	-	
MACCLESFIELD ...	9-9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NESS GARDENS ...	9-9	55	8.7	2.7	5.7	-	12.3	11	-0.6	28	5.5	42	7	10	20	15	4	0	0	0	0	0	0	0	0	0	0	0	2.00	-	
WINNINGTON ...	9-9	20	9.0	3.3	6.1	+1.8	12.5	11	-1.6	8	-	62	11	11	19	15	4	0	0	2	1	2	1	12	-	-	0	-	-		
ISLE OF MAN																															
DOUGLAS ...	9-9	87	7.8	4.2	6.0	+1.7	10.0	8	1.0	14	-	93	120	11	5	18	15	2	0	0	0	0	0	0	0	0	0	0	4	2.24	80
POINT OF AYRE ...	21-9	9	7.9	4.4	6.1	+1.1	11.0	8	-0.5	14	-	100	189	16	28	19	15	0	0	0	0	0	0	0	0	0	0	0	0	2.24	78
RONALDSWAY AIRPORT ...	21-9	16	8.5	4.4	6.5	+1.8	10.7	8	-1.6	14	-	82	9	14	17	15	4	0	0	0	0	0	0	0	0	0	0	0	2.16	77	
7B WALES N																															
GWYNEDD																															
BALA ...	9-9	163	7.9	1.6	4.7	-	11.3	11	-2.4	24	5.3	168	26	1	18	17	2	0	0	0	0	0	0	0	0	0	0	0	1.91	-	
BARDSEY ISLAND ...	21-9	16	8.5	5.9	7.2	-	10.6	10	1.6	28	-	92	11	1	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BOTANNOG ...	9-9	34	8.8	3.9	6.3	-	10.6	26	-0.1	5	6.6	107	19	11	16	14	3	0	0	0	0	0	0	0	0	0	0	0	2.52	-	
PEN-Y-FFRIDD ...	9-9	84	8.5	3.1	5.8	-	11.2	1-24	0.2	5	-	134	19	8	19	18	0	0	1	1	0	0	0	0	0	0	0	0	2.04	-	
TRAFSFYNOID ...	9-9	193	7.6	2.2	4.9	-	10.8	10	-1.2	28	-	254	31	1	21	20	1	0	1	0	0	0	0	0	0	0	0	0	0	0	
VALLEY ...	21-9	10	8.7	4.9	6.8	+1.8	11.6	26	1.4	28	-	90	10	10	20	14	0	0	0	0	0	0	0	0	0	0	0	0	2.47	84	
CLWYD																															
ALWEN ...	9-9	335	6.1	0.5	3.3	-	9.4	24	-4.2	24	-	143	146	15	9	20	19	-	-	-	-	-	-	-	-	-	-	-	-	-	
BWLCHGWYN ...	9-9	386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLWYN BAY ...	9-9	24	8.9	4																											

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1974

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (ORT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																			
		AT MSL (MB)	DIFFERENCE FROM 1961-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9M	10-19M	20-39M	40KM AND OVER	BEAUFORT FORCE				N	NE	E	SE	S	SW	W	NW				
								0	1-2	3-5	6-7	8	SKY OBSCURED											8 OR MORE	6-7	4-5	1-3									CALM			
		NUMBER OF OBSERVATIONS																																					
0 SCOTLAND N S HETLAND																																							
LERNICK	83	3	1001.4	-	4.2	0.6	7.6	91	6.4	1	3	2	9	12	1	0	0	0	0	1	0	10	4	8	4	0	5	9	12	2	1	0	1	5	7	2	9	1	
	9	1001.9	-7.6	4.4	-	-	-	-	6.2	0	5	2	13	8	0	0	0	0	0	1	0	6	9	10	2	0	5	12	9	2	0	1	2	2	8	5	7	1	
	15	1000.4	-	5.2	-	-	-	-	7.1	0	0	3	10	13	2	0	0	0	0	1	1	0	6	8	7	3	0	3	18	6	1	0	1	2	4	9	5	4	2
	21	1001.4	-	4.5	-	-	-	-	6.2	0	3	6	4	15	0	0	0	0	0	0	0	8	6	11	2	0	4	14	7	3	0	0	2	3	9	2	6	3	
ORKNEY																																							
KIRKWALL	26	3	1001.3	-	4.6	0.5	7.8	91	5.8	0	4	5	9	10	0	0	0	0	0	1	3	10	12	2	0	6	18	5	0	1	0	2	3	10	5	6	1		
	9	1001.6	-8.6	4.8	0.8	7.8	90	6.5	0	2	2	16	8	0	0	0	0	0	0	0	4	9	11	4	0	6	13	8	1	1	0	1	8	9	3	4	1		
	15	1000.8	-	6.1	0.7	8.5	89	6.6	0	3	0	17	8	0	0	0	0	0	0	0	4	9	11	4	0	4	19	4	1	1	0	3	8	5	3	7	0		
	21	1001.1	-	4.7	0.6	7.8	91	6.1	0	3	4	13	8	0	0	0	0	0	0	1	5	9	10	3	0	5	14	8	1	1	0	1	6	11	2	6	0		
CAITHNESS																																							
WICK	37	3	1001.7	-	4.2	0.7	7.4	88	5.4	0	7	4	11	6	0	0	0	0	0	1	4	3	12	8	0	2	12	14	0	1	0	0	5	8	6	7	1		
	9	1001.9	-8.7	4.5	0.8	7.4	87	6.3	0	3	2	18	5	0	0	0	0	0	0	0	4	6	9	9	0	1	15	12	0	1	0	0	4	11	4	7	1		
	15	1000.9	-	6.1	1.0	8.1	85	6.9	0	0	2	21	5	0	0	0	0	0	0	0	2	4	7	11	4	0	3	15	9	1	1	0	1	5	10	3	4	3	
	21	1001.4	-	4.4	0.8	7.4	88	6.1	0	4	3	15	5	1	0	0	0	0	0	1	6	3	10	7	0	2	9	16	1	1	0	0	4	9	4	9	0		
SUTHERLAND																																							
CAPE WRATH	113	3	999.9	-	5.2	0.7	8.0	89	5.1	0	6	7	6	8	1	0	0	1	0	0	0	0	7	20	0	2	10	16	0	2	0	1	5	3	11	6	0		
	9	996.5	-	4.9	0.6	8.0	91	6.3	0	1	6	10	11	1	0	1	0	0	0	0	3	10	14	0	4	5	17	2	1	1	3	5	4	7	3	2			
	15	999.4	-	5.9	0.6	8.8	92	6.9	0	1	1	13	11	2	0	0	2	0	0	0	1	4	7	14	0	3	10	12	3	0	1	1	4	4	10	3	2		
	21	999.4	-	5.5	0.6	8.2	90	6.1	0	6	1	8	12	1	0	0	1	0	0	0	3	8	16	1	4	8	12	3	2	0	2	3	1	12	4	1			
ROSS & CROMARTY																																							
STORNOWAY	5	3	1000.5	-	5.0	0.7	7.9	89	5.3	0	9	3	7	9	0	0	0	0	0	0	0	3	2	18	5	0	4	8	13	3	3	0	1	2	11	8	0		
	9	1000.4	-10.1	5.2	0.6	8.1	91	6.4	0	2	3	14	9	0	0	0	0	0	0	0	1	6	2	8	5	0	2	18	9	1	2	0	3	4	7	6	2		
	15	999.9	-	6.6	1.0	8.4	85	6.5	0	1	6	13	8	0	0	0	0	0	0	0	1	4	7	11	4	0	6	14	6	2	2	1	3	2	8	1	8	1	
	21	1000.4	-	5.0	0.5	8.2	92	5.6	0	6	6	8	10	0	0	0	0	0	0	0	6	5	13	4	0	4	10	12	2	1	0	3	0	9	9	3	1		
INVERNESS-SHIRE																																							
BENDECUA	7	3	1000.6	-	5.3	0.5	8.2	91	5.4	1	5	7	6	9	0	0	0	0	1	1	0	3	5	12	6	0	4	3	11	0	3	0	8	7	7	3	0		
	9	1000.4	-10.3	5.3	0.5	8.3	91	6.3	0	3	3	13	9	0	0	0	0	0	0	0	2	7	12	5	0	6	11	9	2	2	1	0	6	7	4	5	1		
	15	1000.1	-	7.1	1.1	8.6	85	6.1	0	3	6	9	10	0	0	0	0	0	0	1	2	2	15	8	0	6	12	10	0	2	0	2	3	8	6	6	1		
	21	1000.8	-	5.4	0.5	8.3	92	6.1	0	4	3	11	10	0	0	0	0	0	0	0	1	6	6	9	6	0	3	12	13	0	2	0	2	5	8	9	1		
1 SCOTLAND E MORAYSHIRE																																							
KINLOSS	6	3	999.5	-	4.2	1.1	6.9	83	4.9	1	8	3	12	4	0	0	0	0	0	0	1	5	8	14	0	0	7	20	1	0	0	3	3	5	12	1	3		
	9	1002.4	-9.0	4.5	1.2	6.9	82	6.1	0	3	4	17	4	0	0	0	0	0	0	0	2	7	9	10	0	1	12	14	1	0	0	2	5	7	9	3	1		
	15	1001.5	-	7.1	1.7	7.7	75	6.7	0	0	2	25	1	0	0	0	0	0	0	0	3	6	10	9	0	2	12	13	1	1	0	2	5	5	8	5	1		
	21	1002.1	-	4.9	1.2	7.2	82	5.3	0	7	3	14	4	0	0	0	0	0	0	0	4	6	7	11	0	2	13	13	0	1	0	2	3	4	14	3	1		
ABERDEENSHIRE																																							
DYCE	59	3	1003.1	-	3.9	0.8	7.1	86	6.4	1	5	3	7	13	1	0	0	1	0	0	1	6	2	9	9	0	2	9	10	7	0	0	0	3	6	4	6	2	
	9	1003.3	-8.6	4.0	0.9	7.1	86	6.1	0	5	3	8	12	0	0	0	0	1	0	0	4	6	2	8	7	0	2	11	10	5	1	0	0	3	8	4	4	2	
	15	1002.3	-	6.4	1.5	7.7	79	6.3	0	4	2	14	8	0	0	0	0	0	0	0	4	4	5	11	0	5	12	11	0	2	0	0	3	13	1	6	3		
	21	1002.8	-	4.3	0.9	7.1	85	5.4	1	6	4	9	8	0	0	0	0	0	0	3	0	7	3	7	8	0	2	13	10	3	0	1	3	6	6	6	3		
FRASERBURGH																																							
FRASERBURGH	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
ANGUS																																							
USAN	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	1003.3	-	4.9	0.5	8.1	92	4.7	3	7	4	5	9	0	0	0	0	0	0	2	3	5	5	13	0	4	12	8	4	3	0	0	4	3	6	7	1		
	FIFE																																						
LEUCHARS	12	3	1003.5	-	4.3	0.7	7.4	88	5.7	0	6	4	11	6	1	0	1	0	0	0	1	5	11	7	3	0	4	10	10	4	0	0	3	4	1	10	4	2	
	9	1003.6	-8.6	4.0	0.7	7.3	89	6.2	0	4	2	14	5	3	0	1	0	1	0																				

MONTHLY WEATHER REPORT

MARCH

1974

VOLUME 91

NUMBER 3

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS



Rather dull and quiet; short interludes of changeable weather.

A large anticyclone was centred over northern Europe for most of the month. Over the United Kingdom, low-pressure systems on the periphery of the anticyclone were usually shallow and slow-moving but occasionally during the first two weeks and more frequently during the third week more active depressions and fronts crossed the country from the Atlantic.

Weather

The first half of the month was rather cold but it became milder later. Although rainfall was mainly slight there were heavy falls at times with occasional thunder, especially during the third week. Hail, snow or sleet (snow mixed with rain or drizzle) also occurred but mostly during the first three weeks. Eastern and southern districts of Great Britain were the most affected by fog which was reported more often after the 21st than before.

Wind

Although mostly light or moderate, winds were often fresh or strong on exposed coasts but the frequency of gales was below average in most places. Easterly winds predominated but there were occasional westerlies, especially during the third week which was the windiest period of the month. Gusts of 50 kt or more were recorded at a number of places and the high-level station at Snaefell (Isle of Man) had a gust of 74 kt on the 17th.

Temperature

Mean monthly temperatures were generally within 1 degC of average. They were above average in northern Scotland, in north-western England and in parts of eastern and south-eastern England, but near or below average in other districts. The first two weeks were mostly rather cold and frost often occurred at night. The 9th to 11th was a particularly cold period in parts of the Midlands and southern England where temperatures rose no higher than 3°C at a number of places. The second half of the month was milder generally but frost still occurred frequently in Scotland, in the Midlands and in eastern and southern England. The last few days were mild and in many places temperatures reached 15°C to 19°C, the maximum temperature of 19.8°C on 31st at Kinlochewe (Ross and Cromarty) being the highest March temperature recorded in Scotland since 1965.

Rainfall (including melted snow)

Monthly rainfall exceeded the average in the west of Northern Ireland, in parts of northern England and in a few small areas of southern England. Eastern Scotland and part of the northern Welsh coast were also wetter than normal and a few places had over 150 per cent of their average rainfall. By

contrast, in parts of South Wales, in other small areas of southern England and in much of north-western Scotland, rainfall was less than half of average. Cape Wrath (Sutherland) had a total of 12 mm of rainfall representing only 16 per cent of the average for that station. In other districts rainfall totals ranged from 50 to 100 per cent of average. Until the 21st showers or more prolonged periods of rain occurred frequently and snow, sleet and hail also fell at times. The precipitation was mainly slight but there were some heavy falls especially during the third week and these were occasionally accompanied by thunder. In the 24 hours from 09 GMT on the 15th, a fall of 77.0 mm was recorded at Honister Pass (Cumbria) and two days later 70.1 mm of rain fell in 24 hours at Loch Thom (Renfrewshire). During the last ten days rain or drizzle was well-scattered and mainly slight but one or two outbreaks of heavy rain occurred in central and southern Scotland and a few thunderstorms were reported in southern districts of England and Wales.

Snow

Falls of snow or sleet occurred almost entirely during the first three weeks. They were usually slight and scattered but occasionally in Great Britain falls were heavier and more widespread. However, the snow did not lie for long except on the higher slopes of the Scottish mountains. On the 1st central and eastern Scotland and parts of northern England had 10 to 20 cm of snow and an undrifted depth of 23 cm was measured at Ashintully Castle (Perthshire). Between the 9th and 12th snow fell in the southern half of England and Wales and for a short time there were 8 to 16 cm at some places on high ground.

Sunshine

Northern Scotland was sunnier than normal and monthly totals reached 130 to 150 per cent of average in northernmost districts. Baltasound (Shetland), with a total of nearly 121 hours, had its sunniest March since records began in 1907 although this total was equalled in March 1937. In south-western Scotland, Northern Ireland and in some western and southern districts of England and Wales sunshine amounts were near or a little above average but elsewhere they were mostly between 60 and 90 per cent of average. There were no prolonged sunny spells but many places, especially in the west and north, had some sunny days.

Fog

Eastern and southern districts of Great Britain were the most frequently affected by overnight fog which occurred more often after the 21st than before. There were occasional patches of freezing fog and in some places dense fog persisted throughout the daytime. Fog enshrouded hills in the west and north on a few days and patches of sea fog were reported on coasts bordering the North Sea and the English Channel at times during the second half of the month.

Miscellaneous Phenomena

The aurora was observed on 10 nights in Scotland.

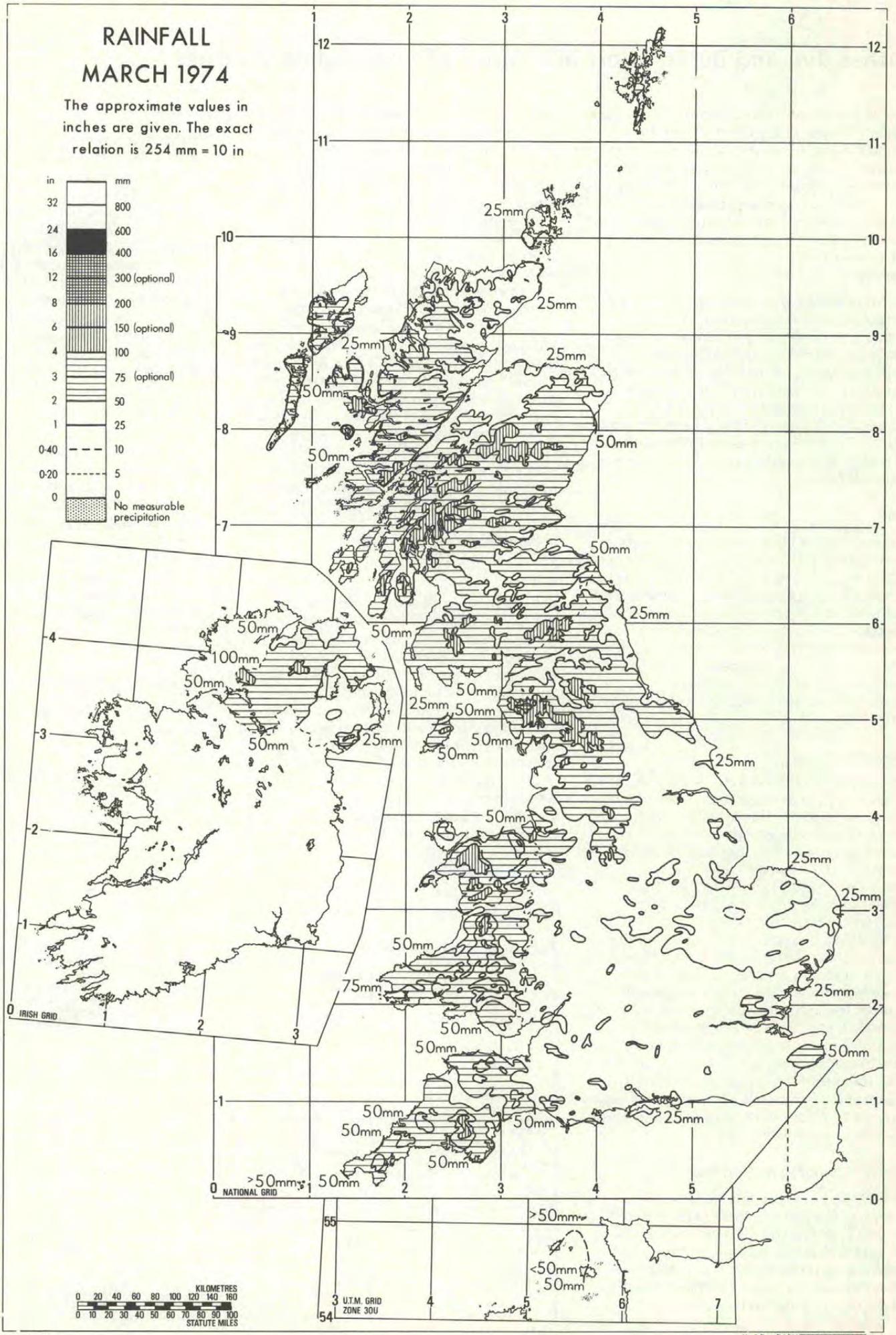
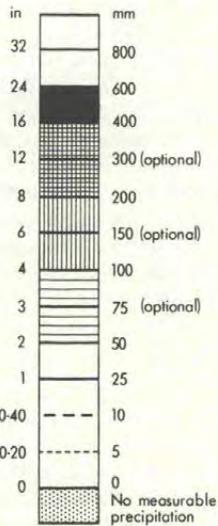
Table 1 District values

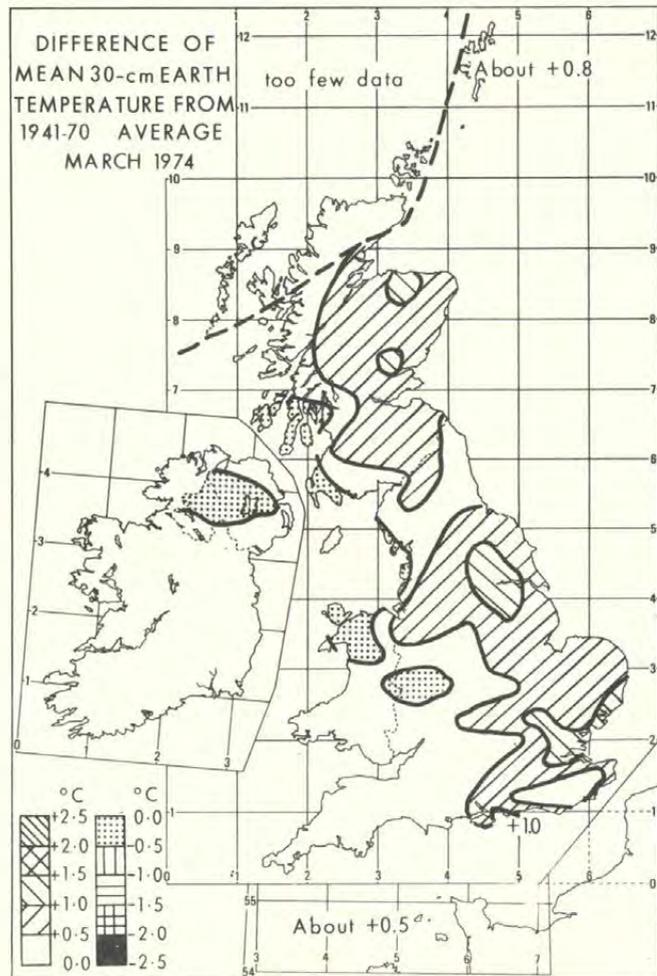
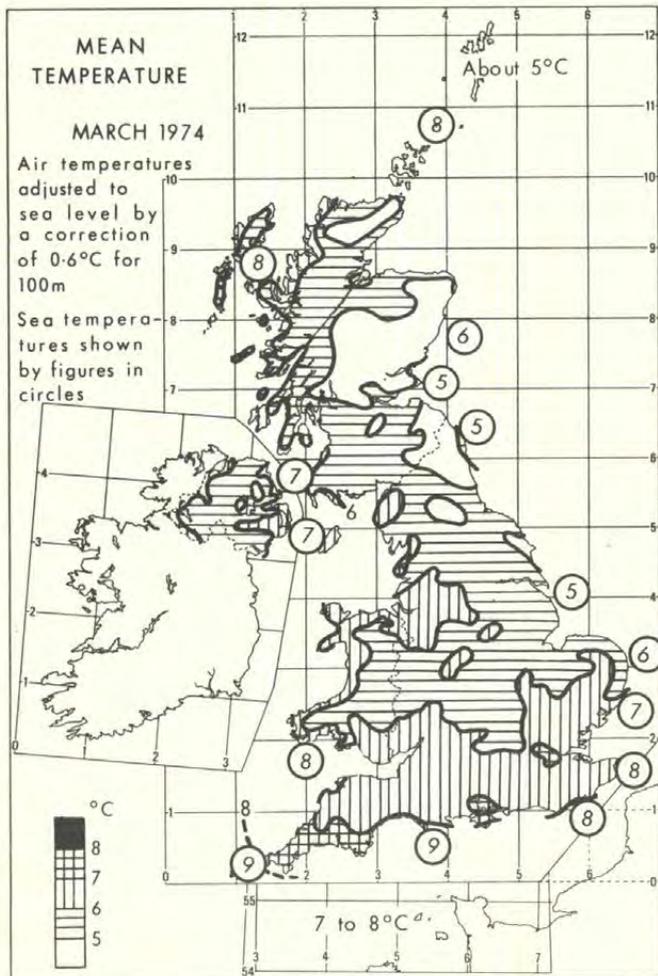
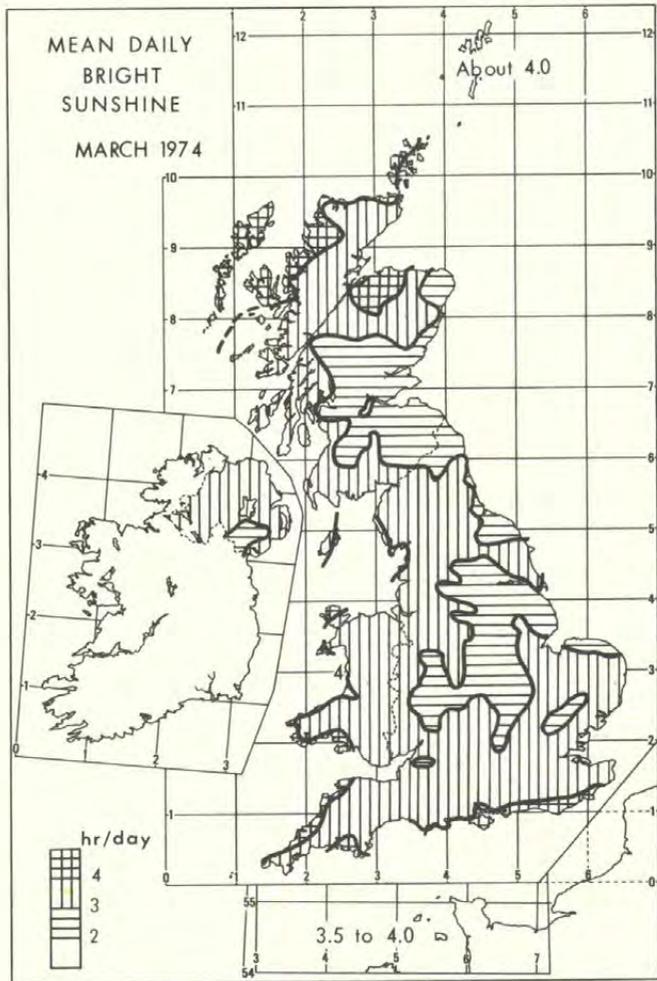
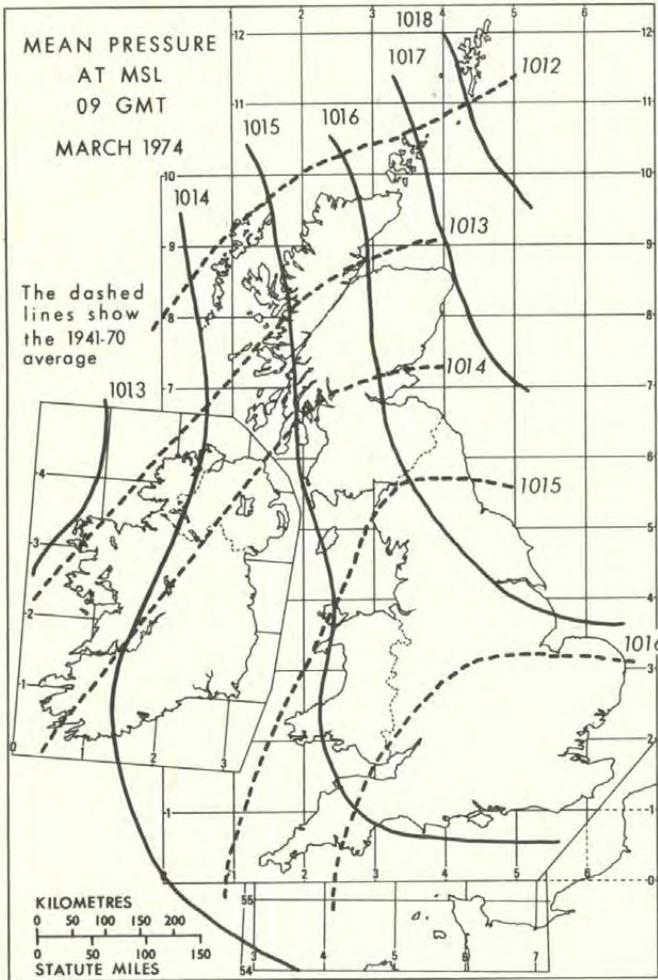
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	17.0	-2.6	+0.2	+0.1	+0.2	+0.4	-5	63	110
1 Scotland E	17.0	-3.0	-0.6	+0.2	-0.2	+0.9	+2	112	87
2 England E & NE	14.3	-7.2	-0.6	+0.2	-0.2	+0.7	+4	98	89
3 East Anglia	17.4	-5.5	-0.3	+0.6	+0.2	+0.8	-1	72	90
4 Midland Counties	16.7	-3.9	-0.4	+0.1	-0.1	+0.5	0	80	94
5 England SE & Central S	16.7	-3.0	0.0	+0.2	+0.1	+0.4	0	71	97
6 Scotland W	16.4	-4.6	-0.2	0.0	-0.1	+0.4	-1	77	94
7 Eng NW & Wales N	17.9	-3.6	+0.2	+0.3	+0.3	+0.6	-1	85	100
8 Eng SW & Wales S	16.9	-5.0	-0.5	-0.5	-0.5	+0.2	+1	73	89
N Ireland	15.5	-4.6	-0.4	-0.4	-0.4	0.0	-4	68	100
Scotland	17.0	-4.6	-0.2	+0.1	0.0	+0.6	-1	84	97
England & Wales	17.9	-7.2	-0.3	+0.1	0.0	+0.5	+1	80	93

*Highest maximum and Lowest Minimum of District Value Stations

RAINFALL MARCH 1974

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





SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION		SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0-2 MM OR MORE	1-0 MM OR MORE													SNOW OR SLEET		
																	DATE																
0 SCOTLAND N																																	
ZETLAND																																	
BALMASOUND ...	9 9	24	7.7	1.7	4.7	+0.5	11.7	30	-3.0	13	4.7	-	50	55	11	1	13	9	3	0	0	0	0	0	0	0	7	-	2	3.89	151	-	
LERWICK ...	21 9	82	6.5	2.5	4.5	-	9.7	30	-0.1	14.15	-	-	44	-	13	1.16	11	10	3	1	0	2	0	0	2	14	13	0	4.01	144	-		
PSYCHROMETER SCREEN ...			6.8	2.5	4.7	+0.9	9.7	30	-0.3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ORKNEY																																	
KIRKWALL AIRPORT ...	21-9	26	7.4	2.6	5.0	+0.3	10.2	30	-0.5	3	-	-	25	-	4	1	13	8	4	0	1	2	0	0	2	12	12	0	3.65	114	-		
STENNESS ...	9 9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SULE SKERRY ...	21-9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CAITHNESS																																	
DOUNREAY ...	9 9	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KEISS ...	9 9	30	7.3	2.4	4.9	-	10.4	7	-2.3	2	4.8	5.1	28	-	6	1	14	9	2	-	0	2	0	0	0	6	9	-	0	3.98	-		
WICK ...	21-9	36	7.3	2.7	5.0	+0.3	10.1	7	-2.6	2	-	-	35	66	5	21	16	10	2	0	0	5	0	0	5	10	9	0	3.35	95	-		
SUTHERLAND																																	
CAPE WRATH ...	21-9	112	8.0	3.5	5.7	+0.6	17.8	31	0.2	1	-	-	12	16	2	17	13	7	3	0	0	3	0	0	0	0	3	3	1	4.41	-		
LAIRC ...	9 9	37	8.4	0.1	4.3	-	16.3	31	-4.9	3	4.0	4.7	45	-	14	12	16	7	10	3	3	0	0	0	2	13	19	-	-	-	-		
STRATHY ...	9 9	37	8.9	1.3	5.1	+0.6	16.2	31	-4.7	20	-	-	22	-	5	12	14	8	7	0	1	1	0	0	1	7	-	-	-	3.90	121	-	
ROSS & CROMARTY																																	
ACHNASHELLACH ...	9 9	67	9.8	1.0	5.4	+0.4	18.9	31	-3.1	20	-	-	71	44	25	17	14	10	5	3	0	4	1	1	0	0	9	-	-	-	-		
BALMACARA ...	9 9	4	10.1	2.8	6.5	-	16.5	31	-1.5	20	-	-	71	-	27	17	12	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
CONT (N CRAIG DARROCH) ...	9 9	38	9.5	0.2	4.9	-	17.1	31	-5.5	2	-	-	51	-	10	12	14	11	3	3	1	1	0	0	6	13	1	-	-	-	-		
FORTROSE ...	9 9	5	7.3	2.4	4.9	-0.4	11.0	7	-1.0	2	-	-	34	92	9	12	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
INVERPOLLY ...	9 9	14	9.6	2.3	5.9	-	18.8	31	-2.5	20	5.2	-	35	-	9	17	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-		
KINLOCHEME ...	9 9	23	10.0	1.0	5.5	-	19.8	31	-4.3	20	4.7	-	63	-	29	17	13	9	3	2	0	0	0	0	0	10	26	-	-	-	3.42	109	
POOLEME ...	9 9	6	10.2	2.7	6.5	-	19.2	31	-0.7	20	-	-	38	-	18	18	9	7	1	0	0	0	0	0	0	1	3	5	15	-	-	4.62	
RUBH RE ...	21-9	16	8.7	3.5	6.1	-	16.0	31	0.0	5	-	-	28	-	7	21	12	9	2	0	0	2	0	0	0	0	4	8	8	0	0	0	
STORNOWAY ...	21-9	3	8.4	3.0	5.7	+0.1	13.0	31	-1.5	2	-	-	64	-	9	21	12	7	6	0	0	3	0	0	0	0	4	8	8	0	0	0	
STRATHCONON ...	9 9	107	8.9	-0.2	4.3	-	17.6	31	-5.5	2	-	-	32	-	13	17	16	11	5	2	0	0	0	0	1	12	25	-	-	-	4.76	136	
TARBATNESS ...	21-9	18	7.4	2.8	5.1	0.0	13.2	31	-2.0	2	-	-	33	-	9	12	13	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
INVERNESS																																	
BENBECULA ...	21-9	6	8.8	2.8	5.8	-0.1	13.0	30	-1.6	6	-	-	56	-	15	17	11	9	2	0	4	2	1	0	0	5	12	11	0	4.27	117	-	
CORPACH ...	9 9	8	9.8	2.0	5.9	-	17.7	31	-1.5	6	-	-	82	-	27	17	13	12	0	0	0	0	0	0	0	6	-	-	-	-	-	-	
DALHINNIE ...	9 9	351	6.2	-1.1	2.5	-	15.0	30	-8.2	2	-	-	44	-	13	17	13	11	12	4	0	0	0	0	0	20	27	-	-	-	3.35	-	
GLENMOR LODGE ...	9 9	341	7.7	-0.9	3.4	-	17.0	30	-7.5	2	-	-	49	-	10	3	18	11	12	11	0	1	0	0	2	19	29	23	0	4.26	-		
INVERNESS ...	9 9	4	8.7	1.9	5.3	-	17.0	31	-1.5	2	-	-	35	-	10	12	9	7	2	0	0	1	0	0	3	5	17	-	-	-	3.90	-	
ISLE OF RHUM ...	9 9	5	9.3	2.4	5.9	-	14.5	31	-0.9	2,21	5.6	6.3	131	-	51	21	11	11	1	1	3	0	1	1	1	7	16	-	-	-	-		
LACGANLIA ...	9 9	250	8.0	-1.3	3.3	-	17.3	30	-7.4	21	-	-	41	-	9	17	16	11	11	6	0	0	0	0	1	19	25	-	-	-	-		
ONICH ...	9 9	15	9.3	1.9	5.6	+0.1	17.0	31	-2.0	2,3,21	-	-	59	-	42	19	17	11	8	-	-	-	-	-	5	5	-	-	-	3.01	101		
PRABOST ...	9 9	67	9.1	2.0	5.5	-	16.1	31	-2.0	2	-	-	56	-	23	17	13	8	1	2	2	3	2	1	0	6	10	20	0	4.49	-		
1 SCOTLAND E																																	
NAIRN																																	
NAIRN ...	9 9	6	8.5	0.9	4.7	-0.5	16.5	31	-2.6	2	-	-	27	-	8	12	11	5	1	0	0	1	0	0	1	12	23	-	0	4.33	120	-	
MORAY																																	
ELGIN ...	9 9	15	9.4	2.0	5.7	-	16.5	31	-2.3	2	-	-	26	-	9	12	14	6	-	0	1	0	0	0	0	1	5	7	-	-	4.05	-	
FORRES ...	9 9	50	9.0	1.9	5.5	+0.4	17.0	31	-3.0	2	4.7	5.0	29	-	9	12	10	6	1	1	1	0	0	0	0	1	5	20	-	-	4.52	126	
GORDON CASTLE ...	9 9	32	8.8	2.0	5.4	+0.2	15.9	30	-1.2	2,14	-	-	25	58	8	21	11	6	1	0	0	0	0	0	0	3	-	-	-	-	4.50	129	
CRANTOWN-ON-SPEY ...	9 9	229	8.2	-1.2	3.5	-	18.5	30	-7.2	2	-	-	36	-	8	21	13	7	8	4	0	1	0	0	0	19	28	-	0	4.23	-		
KINLOSS ...	21-9	5	8.9	1.3	5.1	0.0	17.1	31	-3.9	2	5.2	-	27	-	8	12	9	7	3	0	0	1	0	0	1	9							

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST DEG C	CONCRETE MIN. BLOWN DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE															0.2 MM OR MORE	10 OR MORE		
2 ENGLAND E & NE -CONTINUED																																		
DURHAM	9 9	102	7.7	1.6	4.7	-0.2	13.2	31	-1.4	30	4.7	5.7	52	141	13	3	15	11	-	1	-	-	-	3	7	14	-	-	-	-	-	3.18	95	-
CLEVELAND	9 9	31	7.8	2.0	4.9	-	12.5	7	-2.3	3	-	-	52	43	13	3	14	12	3	0	0	0	0	2	2	4	10	-	-	-	-	2.84	-	-
HARTBURN GRANGE	9 9	3.9	7.8	3.0	5.4	-	13.0	7	0.0	3.6	-	-	43	6	12	12	16	12	0	0	1	1	2	2	4	0	0	0	0	0	0	2.55	-	-
HARTLEPOOL	9 9	4.6	8.0	2.3	5.1	-0.5	13.3	31	-3.6	3	5.5	6.0	51	8	12	15	15	13	4	0	0	0	5	1	2	5	11	-	-	-	2.95	-	-	
MARTON	9 9	4.6	8.0	2.3	5.1	-0.5	13.3	31	-3.6	3	5.5	6.0	51	8	12	15	15	13	4	0	0	0	5	1	2	5	11	-	-	-	2.95	-	-	
NORTH YORKSHIRE																																		
ASKHAM BRYAN	9 9	34	-	-	-	-	13.1	20	-	-	-	-	39	105	8	18	13	10	1	1	0	0	0	0	10	-	13	-	-	-	2.68	83	-	
CAMOOD	9 9	37	8.5	1.8	5.1	-	14.5	31	-2.7	3	5.2	5.7	40	8	17	15	12	1	1	0	0	0	0	4	13	-	-	-	-	2.64	-	-		
FILEY	9 9	36	7.3	2.3	4.8	-	11.6	20	-2.6	31	-	-	32	8	15	15	11	2	4	0	0	0	0	7	7	3	9	-	-	3.06	-	-		
HIGH MOWTHORPE	9 9	175	6.8	1.3	4.1	-	12.3	31	-3.2	3	4.2	-	36	8	3	15	10	5	4	0	0	0	6	6	7	18	-	-	-	3.49	-	-		
LEEMING	21-9	32	8.3	2.3	5.3	-	15.0	31	-1.7	6	-	-	41	7	6	17	11	5	1	0	0	0	0	3	5	9	6	0	0	3.15	-	-		
MALHAM TARN	9 9	395	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PICKERING	9 9	44	8.2	1.3	4.7	-	13.3	31	-2.8	3.31	-	-	43	9	3	16	10	5	2	1	2	0	1	8	13	-	-	-	-	-	-	-		
SCARBOROUGH	9 9	53	7.4	2.4	4.9	-	11.8	20	-1.1	31	5.1	5.8	35	91	9	3	17	8	3	2	1	1	1	2	2	11	9	0	0	2.89	-	-		
SILPHO MOOR	9 9	203	7.2	1.2	4.2	-	12.0	20	-1.7	3	4.1	-	58	14	3	17	12	3	4	0	0	0	1	1	5	8	19	-	-	-	-	-		
WHITBY (COASTGUARD)	21-9	60	6.9	2.5	4.7	-	11.4	22	-0.6	2.31	-	-	32	6	20	15	8	2	0	0	0	0	2	2	2	3	2	0	0	3.15	-	-		
YORK (HESLINGTON)	9 9	20	8.6	2.0	5.3	-	14.4	31	-1.5	3	5.3	5.9	35	-	8	17	13	10	3	1	0	0	4	3	16	0	0	0	0	3.15	-	-		
HUMBERSIDE																																		
BRIDLINGTON	9 9	48	7.3	1.9	4.6	-	11.0	16	-1.5	3	-	-	39	-	9	3	17	11	1	0	0	0	0	3	1	9	-	-	0	3.67	-	-		
BRIGG	9 9	3	8.9	2.0	5.5	-	13.7	31	-3.9	3	-	-	28	-	5	15	15	10	3	1	1	0	0	3	5	12	-	-	0	-	-	-		
CLEETHORPES	9 9	7	8.0	2.8	5.4	(-0.3)	12.0	20	-2.0	5	-	-	23	58	5	3	16	7	-	-	-	-	-	1	3	8	-	-	2.78	78	-			
HULL	9 9	2	8.9	2.7	5.8	+0.1	12.9	20	-0.5	3.4.31	5.8	6.6	29	70	7	15	16	8	3	0	1	1	0	1	3	12	-	-	2.95	95	-			
KILNSEA	21-9	12	6.8	3.2	5.0	-	10.5	16.19	-1.6	3	-	-	41	-	10	15	16	9	3	0	0	1	1	2	2	3	1	1	2.94	-	-			
LINCOLNSHIRE																																		
BINBROOK	21-9	108	7.2	1.8	4.5	-	10.9	31	-2.0	3	-	-	40	-	7	10	16	11	5	1	0	3	1	7	6	12	7	2	2.84	-	-			
CRANWELL	9 9	62	8.4	1.6	5.0	-0.3	13.5	31	-2.2	6	5.1	5.4	29	74	5	12	17	10	4	1	0	1	0	6	5	16	12	2	3.00	82	-			
LINCOLN	9 9	7	8.9	1.6	5.7	-0.2	14.3	30	-2.2	3	5.5	5.7	38	-	8	10	16	10	3	1	0	0	0	3	7	15	-	-	2.93	-	-			
SKEGNESS	9 9	5	7.7	2.6	5.1	(-0.2)	12.0	16	-2.8	3	-	-	25	67	5	11	9	8	0	0	0	0	0	2	2	10	-	-	0	-	-			
WADDINGTON	21-9	68	8.4	2.2	5.3	-0.1	14.1	31	-1.9	6	-	-	34	-	5	10	18	10	4	1	2	1	1	5	5	14	7	0	3.21	89	-			
3 EAST ANGLIA																																		
NORFOLK																																		
COLTISHALL	21-9	17	8.8	2.6	5.7	-	13.0	16	-2.1	7	-	-	28	-	6	11	14	9	4	0	0	2	0	1	5	14	8	0	-	-	-	-		
COSTESSEY	9 9	20	10.0	2.4	6.2	-	16.0	29	-2.1	3	-	-	27	-	5	11	15	7	3	0	0	0	0	2	6	15	-	-	0	-	-			
CROMER	9 9	54	7.6	2.7	5.1	-0.4	12.5	20	0.2	3	-	-	32	83	7	25	10	10	1	1	0	3	0	0	3	1	7	-	-	0	-	-		
EAST DEREHAM	9 9	53	10.1	1.9	6.0	-	15.2	25	-3.4	13	-	-	21	-	5	15	11	7	2	1	0	0	0	11	6	15	-	-	0	-	-			
GORLESTON	21-9	4	7.0	3.6	5.3	-0.1	12.4	16	-1.0	3	6.3	6.9	24	64	6	4	9	6	0	0	0	1	0	0	3	1	7	1	0	3.52	92	-		
MARHAM	21-9	23	9.3	2.0	5.7	-	15.9	25	-4.1	13	-	-	15	-	5	15	13	4	3	1	0	0	0	1	6	12	11	0	3.13	-	-			
MORLEY ST BOTOLPH	9 9	48	9.0	2.3	5.7	-	14.5	25	-2.0	3	5.4	26	-	7	11	12	8	2	0	0	0	0	10	3	15	-	-	0	3.39	-	-			
SANTON DOWNHAM	9 9	24	10.1	0.9	5.5	-	17.1	25	-7.2	3	5.5	5.9	27	-	5	11	12	12	-	0	0	0	4	10	20	-	-	0	3.13	-	-			
SCOLE	9 9	27	9.6	2.4	6.0	-	15.5	25.29	-2.5	3	5.9	6.2	22	-	5	1	11	8	3	0	0	0	3	5	15	-	-	0	3.09	-	-			
TERRINGTON ST CLEMENT	9 9	3	8.8	2.4	5.6	0.0	16.4	25	-1.2	3	5.9	-	21	-	5	15	14	8	2	1	0	0	6	2	11	-	-	0	3.15	85	-			
CAMBRIDGESHIRE																																		
BOXWORTH	9 9	44	9.2	2.1	5.7	-	16.5	25	-3.2	3	-	-	19	-	3	4	12	8	2	1	0	1	0	9	4	11	-	-	0	3.20	-	-		
CAMBRIDGE																																		
BOTANIC GARDENS	9 9	12	9.7	2.2	5.9	0.0	17.4	25	-5.5	3	6.1	6.8	19	53	4	10	12	9	4	0	0	0	1	4	9	-	-	0	-	-	-			
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	9.6	2.6	6.1	-	16.8	25	-2.0	13	-	-	16	-	4	14	12	7	2	0	0	0	4	3	12	-	-	0	3.25	86	-			
MARCH	9 9	2	9.6	2.9	6.3	-	17.6	25	-3.0	3	-	-	17	40	5	3	11	8	-	1	-	-	-	3	3	-	-	0	-	-	-			
NEPAL	9 9	1	9.7	1.9	5.8	-	17.2	25	-3.1	13	6.6	6.4	14	-	3	15	9	7	3	1	0	0	0	7	4	16	-	-	0	3.05	-	-		
MONKS WOOD	9 9	40	9.4	1.9	5.7	-	17.2	25	-3.2	13	5.6	6.4	14	-	2	10	12	8	1	1	0	0	0	6	8	13	-	-	0	2.98	-	-		
WITTERING	9 9	73	8.7	2.2	5.5	-	14.2	25	-2.9	3	-	-	19	-	5	10	14	5	5	1	0	2	0	6	6	15	11	0	3.02	-	-			
WYTON	21-9	40	9.3	2.6	5.9	-	17.2	25	-2.4	3	-	-	13	-	2	15	10	7	3	1	0	2	0	6	3	12								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP-ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 MM OR MORE														
4 MIDLAND COUNTIES																															
WEST YORKSHIRE																															
BRADFORD ...	9 9	134	7.9	1.5	4.7	-0.2	14.8	30	-2.3	6	4.9	5.5	63	111	13	10	17	11	3	1	0	0	2	4	16	0	0	2.95	101	S	
BRAMHAM ...	9 9	54	8.6	1.8	5.2	-	14.3	31	-1.1	3	-	-	37	6	17	13	11	1	0	1	0	1	6	15	0	0	-	-	-	-	
HUDDERSFIELD																															
DAKES ...	21-9	232	7.5	1.6	4.5	-0.2	14.8	30	-2.5	6	4.5	4.9	62	89	13	17	18	14	6	1	0	2	5	20	14	2	3.28	112	-		
RAVENSKNOLLE ...	9 9	99	8.5	1.9	5.2	+0.1	14.5	30	-3.1	6	5.1	5.8	57	101	14	10	17	14	5	0	0	0	2	16	0	0	3.00	116	-		
ILKLEY ...	9 9	83	8.3	2.0	5.1	+0.2	14.5	31	-3.5	6	-	-	62	106	15	6	13	9	4	1	0	0	6	13	0	0	2.79	89	-		
PONTEFRACCT ...	9 9	78	8.2	1.8	5.0	-0.2	13.6	31	-2.0	3	-	-	43	112	11	9	15	11	1	1	1	1	6	6	0	0	-	-	-		
WILSDEN ...	9 9	262	7.0	0.7	3.9	-	15.0	30	-2.2	6	-	-	75	14	17	17	15	9	2	0	1	0	7	8	20	15	0	-	-		
SOUTH YORKSHIRE																															
FINNINGLEY ...	21-9	10	9.1	2.1	5.6	-	15.2	31	-3.2	6	-	-	34	-	7	10	15	10	4	1	1	1	6	15	10	0	3.02	-	-		
SHEFFIELD ...	9 9	131	8.5	2.2	5.3	-0.2	15.3	30	-2.0	6	5.2	5.9	40	69	10	10	15	12	3	1	0	0	1	18	0	0	3.06	103	-		
DERBYSHIRE																															
ASHOVER ...	9 9	186	8.0	1.5	4.7	-	15.5	30	-2.7	6	-	-	40	-	8	10	15	11	7	5	0	1	7	5	13	1	3.04	-	-		
BUXTON ...	9 9	314	7.3	0.9	4.1	+0.3	14.6	30	-4.2	6	4.0	4.5	67	80	21	15	16	12	10	4	0	0	0	11	7	20	1	3.04	104	S	
DERBY ...	9 9	48	9.4	1.8	5.6	-	15.4	30	-3.4	6	-	-	26	-	10	10	12	6	3	0	0	0	3	5	15	1	2.62	-	-		
MACKWORTH ...	9 9	89	8.5	1.5	5.0	-	14.8	30	-4.3	6	-	-	27	-	9	10	12	5	5	1	0	0	0	3	7	0	0	-	-		
MORLEY ...	9 9	107	8.5	1.6	5.1	-	14.5	30	-3.4	6	-	-	34	-	10	10	13	9	4	1	0	0	15	5	12	0	3.00	-	-		
WINGERWORTH ...	9 9	126	8.3	1.3	4.8	-	14.9	30	-3.7	6	5.0	-	37	-	6	10	15	12	4	4	0	3	1	6	9	20	0	2.73	-	-	
NOTTINGHAMSHIRE																															
MANSFIELD ...	9 9	114	8.3	1.9	5.1	-0.2	14.0	30-31	-1.0	3-6	5.4	-	41	-	7	10	16	12	1	1	0	0	4	11	0	0	-	-	-		
NEWTHORPE ...	9 9	58	8.7	1.6	5.1	-	14.3	30-31	-3.6	6	-	-	30	-	9	14	11	8	-	-	-	-	1	7	-	0	-	-	-		
NOTTINGHAM ...	9 9	59	9.3	2.4	5.9	+0.1	14.4	31	-1.4	3	5.1	5.6	25	61	7	14	11	7	1	1	0	0	4	4	12	0	3.01	102	-		
SUTTON BONINGTON ...	9 9	48	8.9	1.9	5.4	-0.1	14.7	30	-1.9	3-4	5.6	6.1	22	-	8	10	13	6	1	1	0	0	2	6	11	1	2.42	75	-		
WARSOP ...	9 9	46	8.8	1.7	5.3	-	14.5	31	-3.7	6	-	-	33	-	6	10	16	10	3	1	0	3	1	4	6	20	0	2.84	-	-	
WATNALL ...	21-9	117	8.7	2.0	5.3	0.0	14.7	30-31	-2.4	6	-	-	30	-	8	14	14	7	7	1	2	2	0	5	10	7	0	2.61	83	-	
STAFFORDSHIRE																															
KEELE ...	9 9	179	8.1	1.7	4.9	-	15.5	30	-2.2	6	5.0	5.7	42	-	11	14	14	11	7	0	0	4	0	1	5	17	0	3.46	-	-	
ORKEN ...	9 9	125	8.6	1.6	5.1	0.0	16.3	30	-2.3	6	5.5	-	32	68	10	10	13	7	4	0	1	0	1	6	6	18	0	-	-		
PENKRIDGE ...	9 9	101	8.5	1.6	5.1	-	16.2	30	-3.0	3	-	-	33	-	8	10	15	7	4	0	0	1	0	2	7	17	0	-	-		
STONE ...	9 9	107	8.5	1.1	4.8	-	15.6	30	-3.8	3	-	-	32	-	8	14	13	8	5	0	0	0	0	3	9	19	0	3.07	-	-	
LEICESTERSHIRE																															
CALDECOTT ...	9 9	52	9.0	1.6	5.3	-	14.3	31	-4.2	3	-	-	25	-	7	10	10	9	1	1	0	0	10	9	16	0	2.72	-	-		
NEWTOWN LINFORD ...	9 9	119	8.7	1.6	5.1	-	15.4	30	-2.5	3	-	-	32	-	7	10	12	10	3	1	0	1	0	4	6	11	0	2.56	-	-	
SALOP																															
NEWPORT ...	9 9	64	9.0	1.8	5.4	+0.3	16.9	30	-2.5	6	-	-	46	106	12	20	14	9	9	0	2	1	1	7	11	-	0	2.87	90	-	
OSWESTRY ...	9 9	174	8.1	1.8	4.9	-0.2	15.5	30	-3.0	6	-	-	51	82	13	10	16	11	7	0	0	4	0	5	23	0	3.01	86	-		
SHAWBURY ...	21-9	72	9.0	1.6	5.3	-0.3	17.1	30	-6.0	6	-	-	39	-	9	14	14	9	10	0	0	4	0	3	10	17	12	0	3.04	89	-
SHREWSBURY ...	9 9	56	9.0	2.0	5.5	-0.4	16.4	30	-3.8	6	5.9	6.6	37	-	9	10	14	9	1	0	0	0	0	5	7	15	0	3.08	91	-	
WEST MIDLANDS																															
BIRMINGHAM																															
EDGBASTON ...	21-9	163	8.5	2.6	5.5	-0.2	16.0	30	-0.5	3-6	5.5	-	28	50	9	10	12	7	7	1	1	2	0	6	2	12	10	3.01	96	-	
ELMDON AIRPORT ...	21-9	96	8.9	1.6	5.3	-0.1	15.8	30	-3.0	3	-	-	21	-	7	14	10	6	8	1	1	1	0	3	10	15	13	0	2.98	88	-
KING EDWARD SCHOOL ...	9 9	137	8.6	2.0	5.3	-	15.8	30	-1.6	6	-	-	28	-	8	14	12	8	2	0	0	0	5	6	-	0	0	-	-		
WARWICKSHIRE																															
LUDDINGTON ...	9 9	56	8.9	1.5	5.2	-	15.5	30	-3.6	13	-	-	31	-	8	9	10	9	3	0	0	1	1	9	18	0	0	2.79	-	-	
MORETON MORRELL ...	9 9	85	8.8	1.4	5.1	-	15.3	31	-3.9	13	-	-	30	-	8	14	12	8	1	0	0	2	1	11	11	22	0	3.01	-	-	
RUGBY ...	9 9	117	8.7	1.7	5.2	-0.3	14.9	30	-3.8	3	5.2	6.3	17	-	4	10	11	6	2	1	1	0	0	6	6	17	9	0	-	-	
SHIPSTON-ON-STOUR ...	9 9	111	8.5	1.8	5.1	-0.5	14.9	30	-3.0	13	5.2	-	43	95	12	9	14	11	5	2	0	2	0	6	7	16	1	3.13	83	-	
STRATFORD-ON-AVON ...	9 9	49	9.3	1.3	5.3	-0.3	15.8	30	-4.6	3	6.1	-	33	-	7	14	10	8	0	0	0	0	4	8	21	0	2.78	81	-		
WELLESBOURNE ...	9 9	47	9.0	1.7	5.3	-	15.6	30	-3.5	13	5.4	6.0	28	-	8	14	11	7	2	0	0	0	1	3	11	13	14	0	3.05	-	
NORTHAMPTONSHIRE																															
BUGBROOKE MILLS ...	9 9	69	9.2	1.4	5.3	-	17.2	31	-4.0	13	5.6	6.3	22	-	5	9	11	7	1	1	0	0	0	2	7	-	0	2.77	-	-	
RAUNDS ...	9 9	59	9.4	1.9	5.7	+0.2	16.6	25	-3.4	3	5.5	6.2	23	54	4	10	14	10	5	1	0	0	0	2	7	15	0	2.91	85	S	
HEREFORD & WORCESTER																															
HEREFORD (SEWAGE WORKS) ...	9 9	52	9.4	1.6	5.5	-	17.5	30	-3.6	6	6.2	7.2	29	-	10	10	12	6	3	2	0	0	1	1	9	19	0	3.23	-	-	
[PSLEY (SEWAGE WORKS)] ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LYNSHALL ...	9 9	155	8.5	1.6	5.1	-0.4	15.5	30	-3.2	6	-	-	45	-	9	14	14	8	0	0	0	0	0	0	7	21	0	-	-		
MALVERN ...	9 9	62	9.3	2.4																											

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN. HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIR	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. DEG C	CONCRETE MIN. DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
		MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE	0-2 MM OR MORE	1-0 MM OR MORE													
5 ENGLAND SE & CENTRAL S.																														
GREATER LONDON																														
BROMLEY	9 9	65	10.3	3.0	6.7	+0.4	17.0	30	-2.0	3	-	-	24	9	11	9	9	0	0	0	0	0	0	0	0	0	0	0	0	0
ENFIELD	17	10.4	3.4	6.9	-	-	17.3	25	-2.0	3	6.5	7.4	40	9	13	7	7	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWICH	7	10.2	3.4	6.8	-	-	16.5	25.31	0.0	6	-	-	32	9	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSTEAD	137	9.9	2.7	6.3	-0.2	-	17.1	25.30	-1.5	3	-	-	30	9	11	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPTON	21-9	25	10.2	3.0	6.6	+0.1	17.7	25	-1.9	3	-	-	27	9	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEATHROW AIRPORT	9 9	25	9.9	2.7	6.3	-0.2	17.1	25.30	-1.5	3	-	-	30	9	11	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
KENSINGTON PALACE	9 9	25	9.9	2.7	6.3	-0.2	17.1	25.30	-1.5	3	-	-	30	9	11	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0
KENWORTHY	21-9	6	9.9	2.3	6.1	-	16.8	25.30	-4.8	3	6.4	7.1	30	80	16	9	8	1	0	0	0	0	0	0	0	0	0	0	0	0
PSYCHROMETER	9 9	9.9	2.3	6.1	-	-	16.8	25.30	-4.8	3	6.4	7.1	30	80	16	9	8	1	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WALL SCREEN	9 9	9.9	3.5	6.7	+0.1	-	16.7	25	-0.8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONDON WEATHER CENTRE																														
ST JAMES PARK	9 9	4	10.4	3.8	7.1	+0.1	17.2	30	-0.5	3	6.4	-	35	86	19	9	11	8	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHGATE	9 9	67	10.1	3.2	6.7	+0.4	17.0	25	-1.0	3	6.4	-	33	76	18	9	8	7	0	0	0	0	0	0	0	0	0	0	0	0
WADDON	9 9	59	10.0	2.4	6.2	-0.1	16.5	25	-3.0	3.4	-	-	40	22	9	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0
WEALDSTONE	9 9	59	10.0	2.4	6.2	-0.1	16.5	25	-3.0	3.4	-	-	40	22	9	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0
WILTSHIRE																														
BOSCOMBE DOWN	21-9	126	9.3	2.4	5.9	0.0	16.6	25.30	-2.1	6	-	-	33	69	9	25	14	8	8	1	1	0	0	0	0	0	0	0	0	0
LARCOCK	9 9	49	8.8	1.6	5.2	-	15.0	27	-5.0	6	-	-	31	-	9	14	12	7	2	1	0	0	0	0	0	0	0	0	0	0
LARKHILL	9 9	132	9.3	1.9	5.6	0.0	16.3	25	-3.3	6	-	-	35	70	10	25	12	9	4	1	3	2	1	7	8	15	10	0	0	
LYNEHAM	21-9	145	8.5	2.1	5.3	-0.2	15.1	25	-1.9	6	-	-	20	-	5	9	14	7	6	2	2	2	2	6	8	17	13	0	0	
PORTON	9 9	110	8.5	1.5	5.4	-0.2	16.4	25	-3.0	6	5.4	-	30	57	6	14	13	8	3	1	1	1	4	10	14	12	0	0	0	
UPAVON	21-9	179	8.9	2.2	5.5	-	16.2	30	-1.8	6	-	-	33	-	8	9	14	10	5	1	3	3	1	5	8	18	9	0	0	
BERKSHIRE																														
EASTHAMPESTEAD	9 9	77	9.4	1.1	5.3	-	16.6	30	-4.8	3	6.0	6.5	38	-	11	9	11	9	4	1	1	0	0	0	0	0	0	0	0	0
FENCHAMPSTEAD	9 9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HURLEY	9 9	43	9.6	1.8	5.7	-	17.5	25	-3.1	6	5.7	-	35	-	15	9	13	6	3	1	0	0	0	0	0	0	0	0	0	0
READING	9 9	66	9.5	2.3	5.9	-	16.9	30	-2.6	6	6.2	6.7	30	-	14	9	10	8	3	1	1	1	1	2	7	19	14	1	0	
SHINFIELD	9 9	61	9.6	2.2	5.9	-0.1	16.8	30	-2.1	3	-	-	30	74	14	9	11	9	0	0	0	0	0	0	0	0	0	0	0	0
SURREY																														
MICKLEHAM	9 9	55	9.9	2.1	6.0	-0.3	17.6	30	-2.4	6.31	6.3	6.9	36	-	22	9	10	7	3	1	0	0	0	0	0	0	0	0	0	0
WISLEY	9 9	35	9.9	2.1	6.0	-0.3	17.6	30	-2.4	6.31	6.3	6.9	36	-	22	9	10	7	3	1	0	0	0	0	0	0	0	0	0	0
KENT																														
DOVER	9 9	6	9.6	4.1	6.9	+0.8	15.1	16	-1.3	4	6.9	7.1	43	-	15	9	8	6	0	0	0	0	0	0	0	0	0	0	0	0
DUNGENESS	9 9	3	9.3	3.6	6.5	-	13.2	30	-2.7	4	-	-	37	-	9	1	11	7	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING	9 9	37	9.8	2.6	6.2	+0.3	15.7	25	-2.5	3	5.9	6.3	28	-	13	9	13	4	1	0	0	0	0	0	0	0	0	0	0	0
ELMSTONE	9 9	5	9.7	1.7	5.7	-	15.5	16	-4.4	7	-	-	47	-	23	9	9	6	2	0	0	0	0	0	0	0	0	0	0	0
FAVERSHAM	9 9	48	9.3	2.8	6.1	-	16.1	25	-1.5	3	5.8	6.4	37	-	14	9	11	8	2	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE	9 9	31	9.4	3.1	6.3	-	16.0	25	-3.8	7	-	-	47	106	17	9	8	6	3	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM	9 9	4	9.9	3.3	6.6	-	15.5	29	-1.5	3	-	-	32	-	17	9	11	7	1	0	0	0	0	0	0	0	0	0	0	0
GOUDHURST	9 9	85	9.7	1.9	5.8	+0.1	17.0	25	-4.2	3	-	-	36	63	14	9	11	8	1	0	0	0	0	0	0	0	0	0	0	0
HADLOW COLLEGE	9 9	30	10.0	2.1	6.1	-	16.3	25	-4.3	3	6.3	7.0	27	-	14	9	9	4	3	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY	9 9	31	9.9	2.1	6.0	-0.3	17.6	30	-2.4	6.31	6.3	6.9	36	-	22	9	10	7	3	1	0	0	0	0	0	0	0	0	0	0
MANSTON	21-9	44	9.1	3.3	6.2	-	14.7	16	-2.9	4	-	-	40	-	17	9	9	8	4	0	0	0	0	0	0	0	0	0	0	0
MARGATE	9 9	16	8.7	4.2	6.5	+0.2	13.1	16	1.1	3.4	6.5	7.0	37	-	12	9	11	8	1	0	0	0	0	0	0	0	0	0	0	0
THROWLEY	9 9	150	8.8	2.4	5.6	-	15.9	25	-2.4	4	5.3	6.0	45	-	17	9	10	7	4	0	0	0	0	0	0	0	0	0	0	0
ULCOMBE	21-9	47	9.7	2.8	6.3	-	17.7	25	-2.1	3	-	-	30	-	12	9	11	4	2	0	0	0	0	0	0	0	0	0	0	0
WHITSTABLE	9 9	3	9.9	2.1	6.0	-0.3	17.6	30	-2.4																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(HT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)			WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE						
			MEANS OF		DAILY MEAN (MEAN OF A+B)	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1841-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 0H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	GRASS FROZEN	RUBBER TUBES FROZEN	RUBBER TUBES FROZEN	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)		MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 MM OR MORE														
7A ENGLAND NW & I.O.M.																														
CUMBRIA																														
CARLISLE ...	21-9	26	8.8	2.4	5.6	16.4	31	-4.4	3			11	6	15	12	3	0	0	0	1	0	5	13	7	0	0	3.55			
CARTMEL ...	9 9	34	9.3	1.7	5.5	16.4	30	-4.9	3			14	6	10	8	0	0	0	0	0	1	7				0				
GRIZEDALE ...	9 9	91	9.1	-0.6	4.3	17.5	30	-6.5	3	4.9		31	6	12	9	1	3	3	0	0	0	17	28			0				
HEVERSHAM ...	9 9	30	9.7	2.0	5.9	16.4	30	-3.4	6			12	14	10	8	1	0	0	0	0	1	6	17			0				
MOOR HOUSE ...	9 9	556	4.1	-1.6	1.3	12.6	30	-7.0	3	2.5		152	15	19	16	13	12	0	7	0	11	24	27			2.96				
NEWTON RIGG ...	9 9	171	8.2	1.5	4.9	15.2	31	-2.5	6	4.8		43	14	17	13	8	1	0	0	1	7	20	20			3.31				
SELLAFIELD ...	9 9	13	9.3	2.7	6.0	15.6	31	-0.8	3			43	18	6	12	9	0	0	0	4	4	12				4.07				
LANCASHIRE																														
BAILRIGG ...	9 9	53	9.2	2.6	5.9	15.6	31	-2.2	3			41	6	12	7	2	0	0	2	0	1	5	15			3.93				
HELMSHORE ...	9 9	260	7.5	1.4	4.5	15.5	30	-2.2	3	4.8		75	17	15	15	6	2	0	0	0	7	6	18			0				
KIRKHAM ...	9 9	24	9.5	1.9	5.7	15.8	31	-4.2	3			37	6	9	13	6	1	0	0	0	1	5	15			3.86				
MORECAMBE ...	9 9	7																												
NELSON ...	9 9	165	8.0	1.2	4.6	16.2	30	-3.7	3	4.8	5.7	70	17	14	10	0	1	0	0	0	6	20			0	3.40	120	5		
PRESTON ...	9 9	33	9.3	2.5	5.9	16.1	30	-4.0	3			89	17	13	8	1	0	1	0	1	2	4	14			0				
SLATDBURN ...	9 9	192	8.1	1.1	4.6	16.5	30-31	-3.1	6			86	15	14	9	6	0	0	0	0	0	8	19			0	3.53			
SQUIRES GATE AIRPORT	21-9	10	9.5	2.7	6.1	16.5	31	-2.4	6			8	6	10	6	1	0	0	0	0	0	3	13	9		0	3.85	98		
STONYHURST ...	9 9	115	9.0	1.9	5.5	16.9	30	-3.2	3			97	15	6	13	1	1	0	0	0	4	11			0	3.68	113			
MERSEYSIDE																														
AIGBURTH ...	9 9	12	9.3	3.3	6.3	16.2	30	-0.5	6			48	6	11	6	1	0	0	0	0	1	14			0	3.74				
SOUTHPORT ...	9 9	5	9.3	2.2	5.7	16.2	31	-1.6	3,6	5.6	7.6	38	6	9	8	0	0	0	0	0	3	10			0	3.86	99			
SPEKE AIRPORT ...	21-9	22	9.7	2.7	6.2	17.6	30	-1.3	6			54	16	6	11	8	8	1	1	0	0	3	15	12		0	4.03	114		
WEST KIRBY PARK ...	9 9	8	10.1	2.9	6.5	14.6	30	-1.9	6			85	6	18	12	0	0	0	0	0	2	9			0	3.84	103			
GREATER MANCHESTER																														
BOLTON ...	9 9	107																												
MANCHESTER																														
RINGWAY AIRPORT	21-9	75	9.4	3.0	6.2	17.7	30	-3.6	3			42	17	13	7	5	0	0	1	1	3	6	4	0	0	3.91	111			
WEATHER CENTRE ...	9 9																										3.21			
ROCHDALE ...	9 9	110	9.0	2.0	5.5	17.1	30	-4.3	3			61	17	16	8	0	0	0	0	0	2	11			0	3.04	102			
CHESHIRE																														
KNUTSFORD ...	9 9	65	(9.8)	(2.1)	(5.9)	17.4	30	-3.5	3	(5.5)	(5.7)	49	6	11	9	0	0	0	0	0	4	16			1					
MACCLESFIELD ...	9 9	152																												
NESS GARDENS ...	9 9	55	9.4	2.1	5.7	16.6	30	-2.2	6	5.9		49	6	16	8	0	0	0	0	2	4	22			0	3.62				
WINNINGTON ...	9 9	20	10.2	3.0	6.8	18.0	30	-3.0	3			47	6	10	8	5	0	0	1	0	3	14			0					
ISLE OF MAN																														
DOUGLAS ...	9 9	87	8.1	3.6	5.9	12.6	26	-0.6	6			86	6	12	10	1	0	2	0	0	2	11			2	3.95	101			
POINT OF AYRE ...	21-9	9	8.5	4.1	6.3	12.1	31	-2.4	6			75	6	12	8	0	0	1	0	0	2				1	4.03	102			
RONALDSWAY AIRPORT	21-9	16	8.7	3.5	6.1	12.9	26	-2.2	6			40	6	12	8	3	0	0	6	0	4	12	7		0	3.87	103			
7B WALES N																														
GWYNEDD																														
BALA ...	9 9	163	8.7	0.8	4.7	17.7	30	-5.5	6	5.1	5.4	59	15	17	10	5	0	0	0	1	11	18	13	0	0	3.27				
BARSEY ISLAND ...	21-9	16	8.8	5.1	6.9	12.2	31	1.2	2			46	11	14	8	1	0	1	0	0	3	0	4	2	0	0	3.90			
BOTANNOG ...	9 9	34	9.6	3.4	6.5	16.4	31	-1.0	5	6.7	7.5	49	20	14	12	7	0	0	1	2	3	17			0	3.90				
PEN-Y-FFRIDD ...	9 9	84	9.5	3.2	6.3	18.0	31	-0.9	6			44	14	17	13	11	2	0	1	3	0	1	21			0	3.92			
TRANSFYNYDD ...	9 9	193	9.0	1.6	5.3	18.4	26	-3.5	7			84	19	14	12	1	0	0	0	0	0	13	12	0	0					
VALLEY ...	21-9	10	9.4	3.9	6.7	16.2	26	-0.1	6			35	6	11	9	2	0	0	6	1	1	12	8	0	0	4.06	95			
CLWYD																														
ALWEN ...	9 9	335	7.2	-0.2	3.5	15.3	30	-6.0	21			55	70	13	17	16	13				13	25								
BWLCHGWYN ...	9 9	386																												
COLWYN BAY ...	9 9	24	9.3	3.6	6.5	16.9	31	0.2	5	5.8		49	9	17	13	11	0	0	1	0	0	0			0					
CORMEN ...	9 9	144	8.9	0.5	4.7	17.7	30	-6.2	21			53	15	10	9	5	3	1	0	0	12	19			0					
HAWARDEN BRIDGE ...	9 9	5	(9.8)	(2.5)	(6.2)	(18.0)	30	-2.3	6			59	134	22	6	15	8	6	0	0	2	2				0				
LOGGERHEADS ...	9 9	210	7.9	0.7	4.3	15.2	30	-3.2	3	4.9	5.5	72	17	16	12	9	3	0	3	0	4	10	15		0	3.78				
PRESTATYN ...	9 9	1	9.1	3.2	6.1	-0.4	14.9	31	0.0	6		66	157	23	6	13	10	0	2	0	0	0			0	3.82	104			
RHYL ...	9 9	9	9.7	3.5	6.6	+0.1	17.9	26	-0.6	6		51	127	11	6	12	8	2	0	0	2	1			0	3.26	83			
RUTHIN ...	9 9	76	9.8	2.2	6.0	16.6	30	-2.1	10			66	15	6	15	10	0	0	0	0	3				0	3.35				
WREXHAM ...	9 9	88	9.5	1.9	5.7	16.2	30	-1.5	1.2	5.9		51	12	6	17	8	5	1	0	2	0	6	9		0					
POWYS (NORTH)																														
CEINWS ...	9 9	61	10.4	1.4	5.9	18.5	30	-6.0	3,6			89	24	17	9	9	0	0	0	0	0	8	19		0					
LAKE YRYNAY ...	9 9	303	7.1	0.6	3.9	15.2	30	-4.0	6	4.1		72	16	17	16	10	10	6	0	0	3	11	19		0					
MOEL CYNNEDD ...	9 9	358	6.8	-0.3	3																									

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT (M) OF OBSERVATION	MIN. HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIP- ITATION		SNOW DR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS.ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE						
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 OR MORE																			
NORTHERN IRELAND																																				
LONDONDERRY																																				
AHANLOO ...	9 9	18	9.6	2.2	5.9	-	15.4	31	-2.6	5	-	39	6	6.21	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BANAGHER(CAUGH HILL) ...	9 9	216	8.0	1.8	4.9	-	13.5	30	-1.8	2	-	76	16	6	17	11	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLERAINE UNIVERSITY ...	9 9	23	8.7	1.9	5.3	-	15.0	31	-3.3	2	5.6	39	9	21	13	9	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
COOLKEERAGH ...	9 9	3	9.6	2.4	6.0	-	14.5	31	-1.9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERRYNOYD FOREST ...	9 9	88	8.8	1.0	4.9	-	14.8	30	-2.5	6	-	88	20	16	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GARYAGH FOREST ...	9 9	88	8.5	1.1	4.8	-	14.6	31	-3.1	5	4.8	49	9	14	15	10	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LOUGHMORE FOREST ...	9 9	174	8.7	0.8	4.7	-	15.3	30	-5.4	5	-	51	9	16	14	10	4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
HONEYDIO ...	21-9	34	9.0	1.6	5.3	-0.4	15.5	31	-3.6	2.5	5.5	47	8	14	14	10	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOMERSET FOREST ...	9 9	43	9.4	1.7	5.5	-	15.1	31	-2.5	5	-	43	12	21	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TRADD POINT ...	9 9	16	8.3	2.4	5.3	-	12.8	30	-2.0	2	-	54	11	6	15	7	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																				
ALDERGROVE AIRPORT ...	21-9	68	8.8	2.2	5.5	-0.2	14.8	30	-3.9	2	5.3	44	-	15	6	17	9	6	0	3	0	3	0	2	2	8	14	14	0	0	0	0	0	0	0	
ALTNAHINCH ...	9 9	226	7.4	1.6	4.5	-	14.4	31	-2.5	2.6	-	63	-	11	21	16	11	7	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BALLYLUMFORD ...	9 9	24	9.1	3.1	6.1	-	13.3	17	-2.0	21	-	51	-	11	6	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	7.6	2.0	4.8	-	14.8	31	-2.6	2	-	51	-	10	1	17	9	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENMOUNT ...	9 9	32	9.2	0.4	4.8	-	15.4	30	-5.2	3	5.5	42	-	11	6	12	10	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILROD ...	9 9	22	8.7	2.9	5.8	-	12.7	31	-2.2	6	-	36	-	7	6	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARNE ...	9 9	43	9.1	2.8	5.9	-	12.8	30	-2.2	6	-	60	-	13	6	15	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LISNAFILLAN ...	9 9	38	8.8	0.7	4.7	-	14.7	31	-5.4	6	-	65	-	11	14	13	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONTOWN ...	9 9	271	7.1	1.3	4.2	-	12.2	30	-2.5	2	4.1	87	-	19	6	17	13	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALUSKI(HYDE PARK) ...	9 9	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	6.9	1.1	4.0	-	13.4	30	-3.3	6	4.5	75	-	11	15	14	11	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WOODBURN NORTH ...	9 9	217	7.3	1.2	4.3	-	13.7	31	-3.8	6	-	60	-	76	11	14	17	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BELFAST																																				
MALONE ...	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HILLTOWN ...	9 9	37	9.0	2.2	5.6	-	14.4	30	-3.1	2	-	33	-	9	15	13	9	1	0	0	1	0	2	6	14	14	-	-	-	-	-	-	-	-	-	
NEWTOWNABBEY ...	9 9	32	8.5	3.3	5.9	-	13.7	31	-1.2	2	6.1	50	-	16	6	12	8	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSEBANK ...	9 9	47	9.2	2.3	5.7	-	14.8	29	-1.4	6	-	32	-	8	15	11	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROSETTA ...	9 9	24	9.0	2.3	5.7	-	14.3	30	-1.8	6	-	32	-	10	15	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORMONT CASTLE ...	9 9	56	8.9	2.6	5.7	-	12.6	30	-1.6	2	5.5	64	-	7	15	13	9	3	1	0	1	0	2	3	16	-	-	-	-	-	-	-	-	-	-	
DOWN																																				
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	28	-	7	6	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COMBER CEMETERY ...	9 9	11	8.7	2.3	5.5	-	13.5	16	-3.0	6	-	39	-	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CREIGHTONS GREEN ...	9 9	119	7.7	1.5	4.6	-	12.5	30	-2.5	2	-	43	-	11	16	12	9	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOWNPATRICK ...	9 9	26	9.2	3.0	6.1	-	13.4	30	-1.3	2	-	15	-	6	13	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENS BAY ...	9 9	43	8.6	3.2	5.9	-	13.5	30	-0.8	2	-	32	-	10	6	12	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HILLSBOROUGH ...	9 9	116	8.7	2.0	5.3	-0.0	14.1	30	-2.4	2	5.5	6.3	-	6	15	18	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILKEEL ...	21-9	18	8.3	3.5	5.9	-	12.1	16	-0.3	14	-	32	-	12	6	9	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KILLLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLLOUGH ...	9 9	9	8.9	2.6	5.7	-	12.8	16	-3.1	2	5.2	6.0	-	19	6	15	6	2	0	0	3	0	1	8	14	-	-	-	-	-	-	-	-	-		
NEWRY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																				
ARMAGH ...	9 9	62	9.2	2.1	5.7	-0.6	15.1	31	-3.1	5	6.0	6.6	32	58	9	15	13	7	2	0	2	0	2	5	18	-	-	-	-	-	-	-	-	-		
LOUGHGALL ...	9 9	25	9.1	1.9	5.5	-	15.6	31	-3.3	5	-	33	-	10	15	14	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LURGAN ...	9 9	55	9.1	2.0	5.5	-	15.3	31	-3.3	2	5.6	6.4	33	-																						

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

Table with columns: HEIGHT OF BAROMETER ABOVE MSL (METRES), HOUR OF OBSERVATION (LORT), MEAN PRESSURE, MEAN TEMPERATURE AND HUMIDITY (DRY BULB DEGREES C, DEPRESSION OF WET BULB DEGREES C, VAPOUR PRESSURE (MB), RELATIVE HUMIDITY (%)), CLOUD AMOUNT (OKTAS), VISIBILITY (0-39M, 40-190M, 200-390M, 400-990M, 1000-1900M, 2000-3900M, 4-9KM, 10-19KM, 20-39KM, 40KM AND OVER), WIND SPEED AND DIRECTION (BEAUFORT FORCE, SPEED (KT), DIRECTION). Rows include locations like BA WALES S -CONTO, SOUTH GLAMORGAN, BB ENGLAND SW, SOMERSET, DEVON, CORNWALL, CHANNEL ISLANDS, NORTHERN IRELAND, CO ANTRIM, CO DOWN, CO TYRONE.

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

MARCH 1974

STATION	MAXIMUM °C										MINIMUM °C										STATION	MAXIMUM °C										MINIMUM °C									
	0-0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0	0-0 OR LESS	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0		15.1 TO 20.0	20.1 TO 25.0	25.1 TO 30.0	ABOVE 30.0	-15.0 OR LESS	-14.9 TO -10.0	-9.9 TO -5.0	-4.9 TO 0.0	0.1 TO 5.0	5.1 TO 10.0	10.1 TO 15.0	ABOVE 15.0								
LERWICK (PSYCHROMETER)	0	4	27	0	0	0	0	0	0	0	3	26	2	0	0	EDDABASTON	0	5	15	10	1	0	0	0	0	0	0	0	0	0	0	0	3	25	3	0	0				
LERWICK (SCREEN)	0	4	27	0	0	0	0	0	0	0	4	26	1	0	0	KEW (PSYCHROMETER)	0	1	17	10	3	0	0	0	0	0	0	0	0	0	0	0	8	14	9	0	0				
STORNOWAY	0	0	24	7	0	0	0	0	0	0	5	21	5	0	0	KEW (NORTH-WALL SCREEN)	0	1	17	10	3	0	0	0	0	0	0	0	0	0	0	0	2	20	9	0	0				
CRAIBSTONE	0	7	21	3	0	0	0	0	0	0	6	25	0	0	0	HASTINGS	0	1	17	12	1	0	0	0	0	0	0	0	0	0	0	1	18	12	0	0					
ROTHESAY	0	4	21	6	0	0	0	0	0	0	3	27	1	0	0	SOUTHAMPTON	0	1	15	11	4	0	0	0	0	0	0	0	0	0	0	3	16	12	0	0					
ABBOTSINCH	0	2	21	7	1	0	0	0	0	0	7	21	3	0	0	STONYHURST	0	4	16	9	2	0	0	0	0	0	0	0	0	0	0	4	26	1	0	0					
ESKDALEMUIR (PSYCHROMETER)	0	12	15	4	0	0	0	0	0	0	2	9	19	1	0	0	RHYL	0	2	16	10	3	0	0	0	0	0	0	0	0	0	0	1	23	7	0	0				
ESKDALEMUIR (SCREEN)	0	8	19	2	2	0	0	0	0	0	9	21	1	0	0	VALLEY	0	0	18	11	2	0	0	0	0	0	0	0	0	0	0	2	19	10	0	0					
DOUGLAS	0	2	23	6	0	0	0	0	0	0	2	21	8	0	0	RHOOSE	0	2	16	12	1	0	0	0	0	0	0	0	0	0	0	6	15	10	0	0					
ACKLINGTON	0	5	20	6	0	0	0	0	0	0	7	23	1	0	0	FALMOUTH	0	0	18	13	0	0	0	0	0	0	0	0	0	0	0	1	20	10	0	0					
GORLESTON	0	3	26	2	0	0	0	0	0	0	1	25	5	G	0	ALDERGROVE	0	2	21	8	0	0	0	0	0	0	0	0	0	0	0	8	16	7	0	0					
CAMBRIDGE BOTANIC GARDENS	0	4	14	10	3	0	0	0	0	1	4	24	2	0	0	ARMAGH	0	1	19	10	1	0	0	0	0	0	0	0	0	0	0	5	22	4	0	0					

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MARCH 1974

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED											HIGHEST VALUES							
	ABOVE GND	EFFECTIVE HEIGHT	34 KT OR MORE (GALE FORCE)					22-33 KT		11-21 KT		4-10 KT		LESS THAN 4 KT		HIGHEST HOURLY WIND		HIGHEST GUST			
			DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	MEAN HOURLY WIND SPEED (KT)	SPEED (KT)	DAY	HOUR	SPEED (KT)	DAY AND TIME									
0 SCOTLAND NORTH																					
SKETLAND LERWICK	93	10	10		0	4	37	366	235	106		0	10.9	170	30	1	11	170	47	1	0136
ORKNEY KIRKWALL AIRPORT	41	15	10		0	8	57	396	216	75		0	12.5	150	32	1	00	140	46	1	0142
CAITHNESS DOUNREAY	34	12	9																		
WICK	45	10	10		0	2	2	391	252	99		0	10.3	220	23	18	11	170	38	1	0242
ROSS AND CROMARTY DOURINISH	38	20	17		0	3	20	161	377	186		0	7.7	190	27	11	200	48	17	1624	
STORNOWAY	12	10	10		0	7	55	253	309	127		0	9.9	200	33	7	14	270	46	18	1630
INVERNESS-SHIRE BENBECULA	16	10	10		0	9	62	250	367	65		0	10.5	210	29	17	06	210	50	17	0342
DALCROSS	19	10	10		0	1	1	132	350	255		6	6.5	220	24	17	07	210	37	17	0754
FORT AUGUSTUS	58	16	16		0	0	0	50	351	343		0	4.3	210	16	6	13	220	32	6	1342
1 SCOTLAND EAST																					
MORAYSHIRE KINLOSS	18	13	13		0	0	0	190	432	122		0	7.8	210	20	17	08	210	36	17	0930
LOSSIEMOUTH	17	10			0	2	2	209	358	175		0	7.6	140	24	1	00	230	35	17	0824
ABERDEENSHIRE ABERDEEN																					
DYCE AIRPORT	72	10	10		0	4	13	341	273	117		0	9.7	210	28	17	11	220	47	17	1118
FRASERBURGH	29	13	11		0	3	12	367	259	104		2	10.7	090	25	5	08	150	34	1	0218
BELL ROCK	39	40	38																		
PERTSHIRE RANNOCH	307	17	17	DEFECTIVE RECORD																	
TUMMEL BRIDGE	161	16	16		0	0	0	48	381	315		0	4.7	250	15	17	01	240	35	17	0148
FIFE LEUCHARS	25	13	13		0	2	11	303	334	94		2	10.0	210	26	17	13	250	43	17	0248
MIDLOTHIAN EDINBURGH																					
TURNHOUSE AIRPORT	43	13	10		0	2	3	245	369	127		0	8.5	200	25	17	11	240	48	17	1636
6 SCOTLAND WEST																					
ARGYLLSHIRE DUNSTAFFNAGE	13	10	10																		
MACHRIHANISH	22	12	12																		
TIREE	24	16	12	6 18	0	15	54	375	251	63		1	12.1	160	31	6	15	200	48	17	0942
RENFREWESHIRE ABBOTSINCH AIRPORT	16	10	10		0	3	5	223	395	121		0	8.4	200	26	17	11	200	48	17	1142
GREENOCK PORT	51	49			0	7	34	306	268	135		1	10.3	210	25	17	11	230	46	17	1530
PAISLEY	57	25	9		0	1	1	150	347	235		11	6.4	210	22	17	11	210	45	17	1048
LANARKSHIRE EAST KILBRIDE	194	17	14																		
AYRSHIRE ARROSSAN	24	20			0	3	10	269	389	76		0	9.2	190	28	17	10	190	46	17	1012
PRESTWICK AIRPORT	21	10	10		0	3	8	276	351	109		0	9.3	280	28	16	12	180	44	6	1812
DUMFRIESSHIRE ESKDALEMUIR	259	10	10		0	3	13	217	340	174		0	7.9	180	27	17	13	190	54	17	1412
WIGTOWNSHIRE WEST FREUGH	25	10	10		0	0	0	274	321	149		0	8.4	300	21	16	09	300	37	16	0930
2 ENGLAND EAST AND NORTHEAST																					
TYNE AND WEAR SOUTH SHIELDS	22	17	13		0	5	20	227	363	134		0	9.0	270	24	17	00	270	41	17	0024
DURHAM DURHAM	119	16	10	DEFECTIVE RECORD																	
CLEVELAND MIDDLESBROUGH	22	17	19		0	3	4	285	410	44		1	9.7	240	22	17	03	210	41	17	1400
NORTH YORKSHIRE CHURCH FENTON	18	10	10		0	5	21	237	458	48		0	9.5	260	31	17	04	260	52	17	0400
LEEMING	42	10	10		0	2	11	195	488	50		0	9.2	250	26	17	03	250	47	17	0342
LINCOLNSHIRE BIRNBROOK	118	10	10		0	7	41	395	280	28		0	12.1	260	32	16	11	210	57	19	1406
CONINGSBY	16	10	10		0	4	10	313	380	41		0	10.0	270	25	16	10	180	47	19	1354
CRANWELL	68	13	13		0	6	30	367	325	22		0	11.2	260	32	16	08	230	54	19	1356
MANBY	26	10	10		0	1	2	330	359	53		0	9.9	260	24	16	14	270	36	16	1412
WADDINGTON	80	10	10		0	3	10	306	398	30		0	10.1	190	24	19	13	220	45	19	1356

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869 UDC 551 506 1(41-4)

APRIL**1974**

VOLUME 91

NUMBER 4

Very dry. Sunny in west; dull in east.

An almost stationary high pressure system centred over or to the north of Scotland dominated the weather for most of the month. A trough moved into western areas on the 2nd and another trough moved south across the country from the 10th to 12th. A low pressure area over north France affected the south of England and Wales on the 27th and 28th and a frontal system approached Ireland on the 30th.

Weather

Most of the British Isles had long sunny periods during the first ten days with high temperatures by day and frequent frost at night, but the east coasts were affected by fog and low cloud, which formed overnight and persisted all day in some places. In south-east England there were some isolated showers. It continued dry in north Scotland, but rain was widespread elsewhere for two or three days after which it became mainly dry and sunny again in western areas with some overnight fog. There were showers in the east. Thunderstorms were reported in southern England on a few days during the month.

Wind

Winds were mostly moderate and from an easterly direction throughout the month, but fresh or strong winds were reported mainly in the south and east of England and occasionally in other areas. The high level station at Snaefell (Isle of Man) had a gust of 58 knots on 1st. Northern Ireland had strong winds on 11th and on the north and east coasts of Scotland near gale force winds occurred on the last few days of the month.

Temperature

Mean temperatures over nearly the whole country were within 1.0 degC of average, Northern Ireland, western districts and the south coasts of Great Britain being above average and the other areas below average. North-west Scotland, however, had values of about 1.5 to 2.0 degC above average and the north-east coast of England had values about 2.0 degC below average. During the first two weeks the days were generally very mild especially in west Scotland and at Achnashellach (Ross and Cromarty) a maximum of 22.0°C on the 7th and again on the 8th was the highest temperature recorded there since 1952. However, eastern coasts of Great Britain remained cool. Another mild spell occurred near the end of the month. Frosts occurred frequently at night in Scotland and eastern England throughout the month and in other areas on a few occasions.

Rainfall (including melted snow)

Monthly totals of rainfall were below 50 per cent of average over the whole country except for eastern parts of Northern Ireland and the extreme east of Scotland and northern England where rainfall was between 50 and 85 per cent of average. Parts of north-west England and west Scotland had less than 5 per cent of average rainfall and many places in Scotland, north-west England and East Anglia had the driest April since their records began: Gisla Power Station (Ross and Cromarty) recorded no rainfall. The first three weeks were dry in most areas except during the 11th and 12th when rain was widespread over England and Wales, south Scotland and Northern Ireland. Towards the end of the month there were showers in many areas with hail at times in the east and isolated reports of snow and sleet (snow mixed with rain or drizzle) in the north. Thunder was reported in East Anglia on the 2nd and in southern England on the 12th and on a few days near the end of the month.

Snow

Isolated reports of snow and sleet were made in Northern Ireland and Scotland on the 11th, 28th and 29th and over the Pennines on the 27th. Snow did not lie except on the highest hills.

Sunshine

Considerable variation in sunshine durations for the month occurred over the country. Monthly totals of sunshine hours were less than average

in east England, the Midlands, east Wales and the extreme south-east of Scotland and above average elsewhere, many places achieving a record amount. Values exceeded 150 per cent of average in parts of west Scotland. Prabost (Inverness-shire) recorded 257.5 hours of sunshine, and Fort Augustus (Inverness-shire) with 203.7 hours had the sunniest April since 1886. Along the coast of north-east England, however, values were only 50 per cent of average: Tynemouth (Tyne and Wear) 76.8 hours and Scarborough (North Yorkshire) 94.3 hours had their dullest April since 1937. During the first ten days of the month there were long sunny periods in all areas except along the north-east coasts and most districts had some sunny intervals throughout the rest of the month, especially in the west.

Fog

During the first ten days of the month fog affected the east coasts of Scotland and England and persisted all day in many places. It spread to the Midlands occasionally. Overnight fog formed occasionally in central and western districts during the second part of the month, and patchy fog occurred along the coasts of south west Scotland during the third week. On the 29th fog was widespread over southern England.

Miscellaneous phenomena

The aurora was observed in Scotland on 3 nights

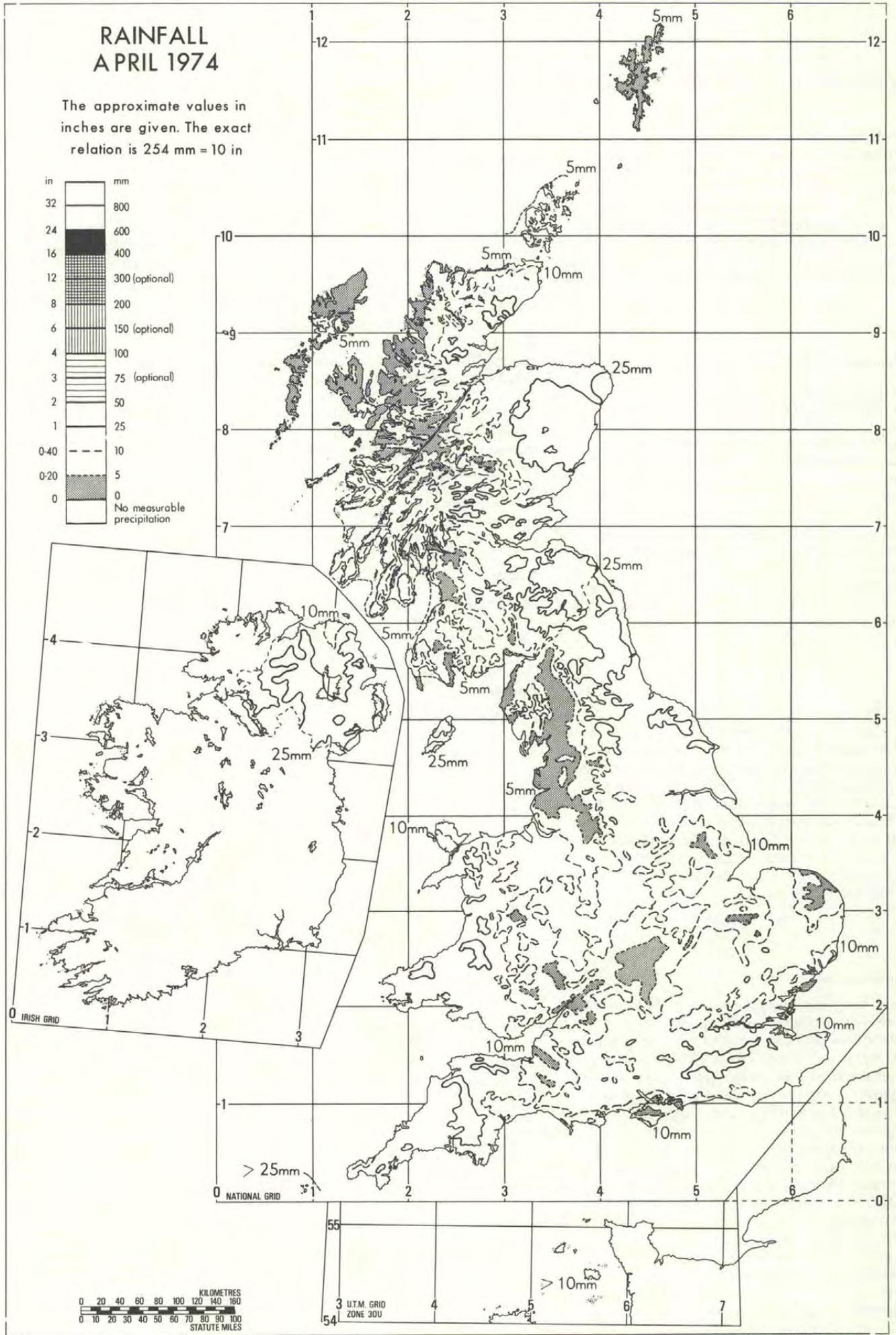
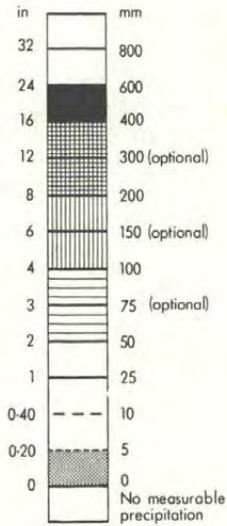
Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
	difference from average						% of average		
0 Scotland N	21.5	-1.5	+1.2	-0.1	+0.6	+1.3	-14	15	123
1 Scotland E	19.4	-1.8	-0.7	-0.7	-0.7	+1.5	-7	43	99
2 England E & NE	16.9	-3.9	-2.5	-0.8	-1.7	+0.5	-8	37	67
3 East Anglia	19.5	-2.1	-0.9	-0.3	-0.7	+0.4	-7	28	96
4 Midland Counties	18.6	-1.5	-0.7	-0.7	-0.7	+0.3	-10	21	87
5 England SE & Central S	20.5	-1.1	+0.2	-0.2	0.0	+0.4	-9	31	104
6 Scotland W	20.5	-5.6	+1.8	-1.1	+0.3	+1.1	-13	13	140
7 England NW & Wales N	20.1	-3.6	+1.4	-0.7	+0.4	+0.6	-11	16	129
8 England SW & Wales S	18.2	-0.1	-0.5	-0.5	-0.5	+0.4	-7	25	96
N Ireland	20.1	-3.2	+1.5	-1.3	+0.1	+0.7	-13	43	138
Scotland	21.5	-5.6	+0.8	-0.6	+0.1	+1.3	-11	24	121
England & Wales	20.5	-3.9	-0.5	-0.5	-0.5	+0.4	-9	26	97

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL APRIL 1974

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



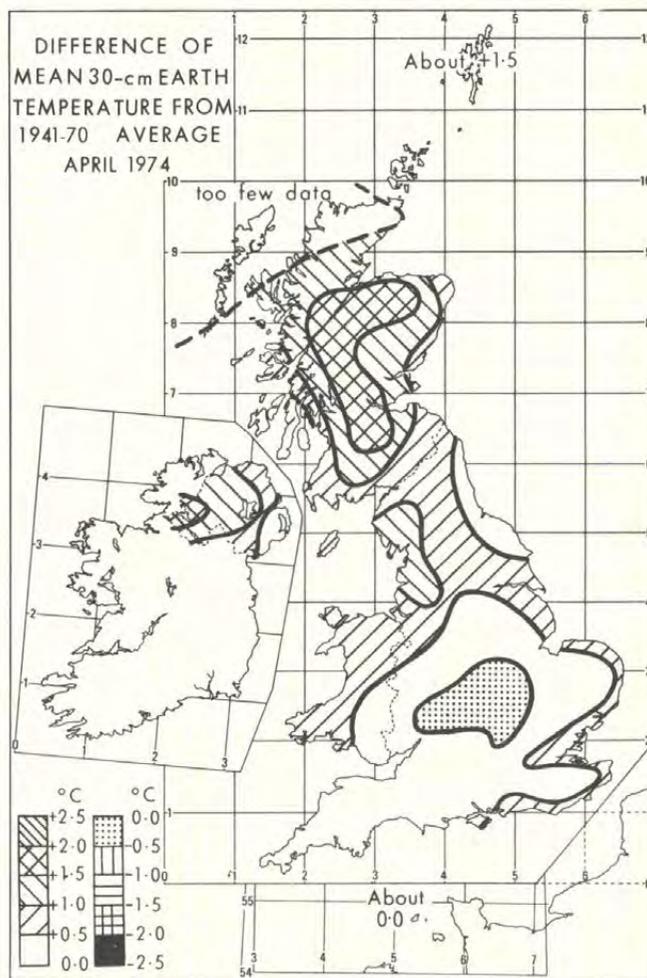
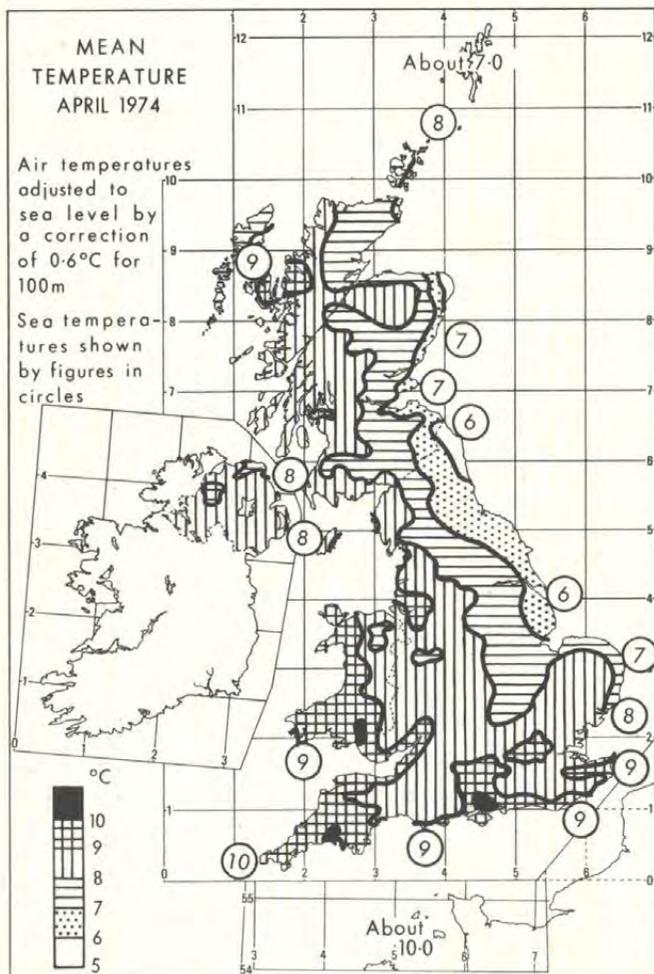
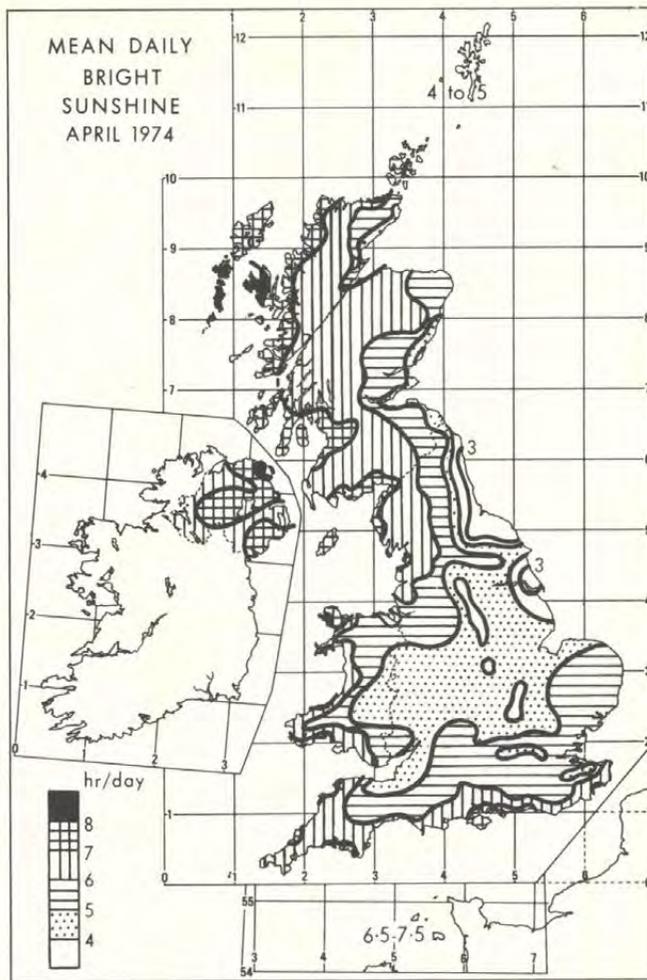
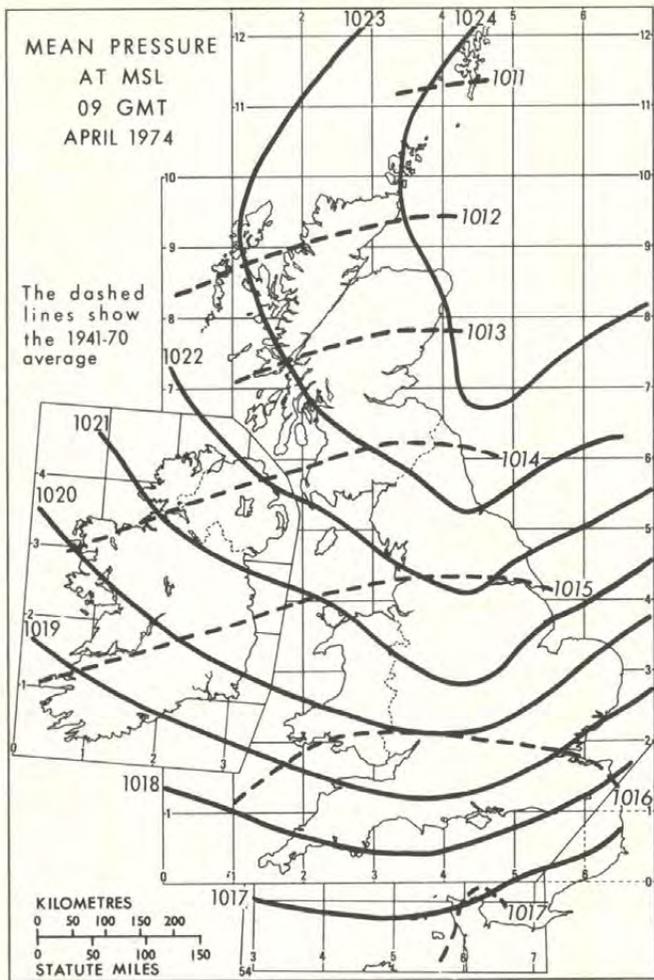


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL HEIGHT OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIPITATION		SNOW OR SLEET	SNOW LYING AT 0H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	WIND CHILL DEG C	WIND CHILL MIN DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE								
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0-2 MM OR MORE	1-0 MM OR MORE																					
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	0-2 MM OR MORE	1-0 MM OR MORE	AMOUNT	DATE	SNOW OR SLEET	SNOW LYING AT 0H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	WIND CHILL DEG C	WIND CHILL MIN DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE													
4 MIDLAND COUNTIES																																						
WEST YORKSHIRE																																						
BRADFORD ...	9 9	134	10.5	3.4	6.9	-0.8	15.0	4	0.6	30	7.6	7.1	13	22	7	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	4.18	92	S				
BRAMHAM ...	9 9	54	11.0	2.9	6.9	-	15.5	4	-1.5	1	-	-	12	-	11	11	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-				
HUDDESFIELD																																						
ORKES ...	21-9	232	10.3	2.9	6.6	-0.8	14.8	4	0.7	27	7.2	6.4	11	15	9	11	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	3.97	92	S				
RAVENSKNOMLE	9 9	99	10.9	3.5	7.2	-0.7	15.5	4	-0.5	14	7.8	7.4	11	19	8	11	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.79	92	S			
ILKLEY ...	9 9	83	11.0	4.0	7.5	-0.3	16.0	10	0.0	1	-	-	9	14	5	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.51	99	S			
PONTEFRACT	9 9	78	11.2	3.6	7.4	-0.7	16.0	4	1.0	14	-	-	12	30	9	11	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-			
WILSDEN ...	9 9	262	9.8	2.1	5.9	-	15.7	10	-1.0	14	-	-	18	-	8	11	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-			
SOUTH YORKSHIRE																																						
FINNINGLEY	21-9	10	12.0	3.6	7.8	-	16.4	30	-0.2	1	-	-	13	-	9	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.48	-	-			
SHEFFIELD ...	9 9	131	11.6	3.6	7.6	-0.7	16.8	10	0.9	27	7.8	7.4	12	23	7	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.02	93	S			
DERBYSHIRE																																						
ASHOVER ...	9 9	186	11.1	3.1	7.1	-	16.0	10	-0.1	15	-	-	16	-	6	11	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.39	-	-		
BUXTON ...	9 9	314	10.7	2.1	6.4	-0.1	16.4	10	-0.7	10	6.9	7.1	11	13	6	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.37	129	S		
DERBY ...	9 9	48	12.0	3.6	7.8	-	16.2	4,30	-0.6	15	-	-	13	-	6	11	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.27	-	-		
MACKWORTH	9 9	89	11.2	3.4	7.3	-	19.9	30	0.1	30	-	-	12	-	6	12	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
MORLEY ...	9 9	107	11.2	3.3	7.3	-	15.3	8	0.0	14,15	-	-	10	-	5	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.59	-	-		
WINGERWORTH	9 9	126	11.2	2.5	6.9	-	16.5	10	-2.3	15	8.4	-	11	-	6	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.83	-	-		
NOTTINGHAMSHIRE																																						
MANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
NEATHORPE	9 9	58	11.6	3.1	7.3	-	15.7	4	-0.3	30	-	-	9	-	4	11	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
NOTTINGHAM	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
SUTTON BONINGTON	9 9	48	12.0	3.3	7.7	-0.6	16.3	30	-0.1	15	7.5	7.5	10	-	5	28	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.39	94	S		
WARSOP ...	9 9	46	11.5	3.0	7.3	-	16.0	4	-1.5	1	-	-	11	-	5	11	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.12	-	-	
WATNALL ...	21-9	117	11.5	3.4	7.5	-0.8	16.0	10	0.2	14	-	-	12	-	6	28	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.87	84	S	
STAFFORDSHIRE																																						
KEELE ...	9 9	179	11.8	3.4	7.6	-	17.3	4	-1.2	14	7.8	7.3	10	-	9	11	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.39	-	-	
OAKEN ...	9 9	125	12.2	2.9	7.5	-0.4	16.9	10	-1.5	27	8.1	-	7	15	5	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
PENKRIDGE	9 9	101	11.2	3.0	7.5	-	15.9	10	-1.5	27	-	-	9	-	4	11	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
STONE ...	9 9	107	11.9	2.4	7.1	-	16.7	4	-1.6	30	-	-	9	-	7	11	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.95	-	-
LEICESTERSHIRE																																						
CALDECOTT	9 9	52	11.6	2.5	7.1	-	17.5	4	-2.8	15	-	-	11	-	5	28	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.22	-	-	
NEWTOWN LINFORD	9 9	119	11.7	2.8	7.3	-	16.3	10	-2.2	15	-	-	12	-	6	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.77	-	-
SALOP																																						
NEWPORT ...	9 9	64	12.6	2.5	7.5	-0.4	17.0	4	-2.4	27	-	-	9	21	5	11	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.50	96	S	
OSNESTRY ...	9 9	174	11.7	3.6	7.7	-0.2	17.0	4	0.0	14	-	-	13	23	10	11	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.31	85	S	
SHAWBURY ...	21-9	72	12.6	2.2	7.4	-0.8	17.6	4	-2.4	14	-	-	11	-	9	11	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.35	87	S
SHREWSBURY	9 9	56	12.5	2.9	7.7	-0.8	17.3	4	-1.4	15	9.1	9.0	9	-	4	11	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.81	98	S
WEST MIDLANDS																																						
BIRMINGHAM																																						
EDGBASTON ...	21-9	163	11.7	4.0	7.9	-0.6	16.8	10	0.3	14	7.5	-	15	29	8	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.48	98	S	
ELMDON AIRPORT	21-9	96	12.1	2.8	7.5	-0.6	16.6	9	-2.2	15	-	-	8	-	3	11	6	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.85	99	S
KING EDWARD SCHOOL	9 9	137	12.1	3.5	7.8	-	16.2	9	0.8	18	-	-	13	-	6	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
WARWICKSHIRE																																						
LUDDINGTON	9 9	56	12.5	3.1	7.8	-	17.2	9	-2.1	15	-	-	4	-	1	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.56	-	-
MORETON MORRELL	9 9	85	12.4	2.4	7.4	-	17.3	10	-2.5	14	-	-	3	-	2	11	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.71	-	-
RUGBY ...	9 9	117	11.9	3.0	7.5	-0.9	17.2	4	-0.6	15,23	8.2	8.4	7	-	3	11	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
SHIPSTON-ON-STOUR	9 9	111	11.9	3.1	7.5	-1.0	17.0	4	-0.1	14,15,29	7.4	-	5	11	3	11	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.51	87	S
STRATFORD-ON-AVON	9																																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CH DEGREES C	100 CH DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE						
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE															0-2 MM OR MORE	1-0 MM OR MORE	0-2 MM OR MORE	1-0 MM OR MORE		
8A WALES S CONTINUED																																				
WEST GLAMORGAN																																				
MUMBLES HEAD	21-9	36	12.4	6.3	9.3	-	16.5	4	3.0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEATH	9.9	62	13.8	5.6	9.7	-	19.3	4.5	0.9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENMAEN	9.9	85	12.8	4.8	8.8	-	18.1	4	-0.2	14	9.5	9.4	12	16	11	10	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PORT TALBOT	9.9	7	14.7	5.1	9.9	-	20.0	4	-1.0	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANSEA	9.9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MID GLAMORGAN																																				
LLWYNON	9.9	242	12.1	2.9	7.5	-	17.0	4	-1.7	30	-	-	-	11	10	4	30	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTRCAL	9.9	6	13.8	-	-	-	19.5	5	-	30	-	-	-	16	10	12	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH GLAMORGAN																																				
CARDIFF	9.9	62	13.3	5.0	9.1	0.0	18.3	4	1.3	14	8.6	8.6	11	17	6	30	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHOSE AIRPORT	21-9	67	13.0	4.3	8.7	-	18.1	4	1.0	14	-	-	-	11	-	6	30	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gwent																																				
CRUMBLAND	9.9	245	11.6	3.3	7.5	-	17.0	4	0.1	14.27	8.0	7.8	8	-	5	28	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWPORT	9.9	23	13.2	4.3	8.7	-	18.7	4	0.0	30	-	-	-	8	-	12	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREDEGAR	9.9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK	9.9	21	13.4	1.8	7.6	-1.1	19.0	4	-4.5	22	9.4	-	-	15	-	11	10	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8B ENGLAND SW																																				
AVON																																				
BATH	9.9	118	12.3	4.1	8.2	-	17.5	4.9	1.2	14.15	9.7	-	-	11	-	4	12	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILTON	21-9	59	13.0	3.9	8.5	-0.4	18.3	4	-0.3	22	-	-	-	9	-	6	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG ASHTON	9.9	51	12.9	4.2	8.5	-0.4	18.2	4	-0.1	22	8.6	-	-	14	26	9	12	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET																																				
CANNINGTON	9.9	23	13.4	3.8	8.6	-0.6	19.5	9	-0.5	22	9.8	-	-	7	13	3	10	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEODAR	9.9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY	9.9	183	12.1	3.5	7.8	-	18.0	9	0.0	22	-	-	-	9	-	5	27	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTON	21-9	336	11.0	3.1	7.1	-	15.7	4.9	-0.5	14	-	-	-	30	-	11	27	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAWKRIDGE	9.9	314	10.6	2.8	6.7	-	15.8	9	-1.4	20	-	-	-	31	-	7	26,27	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE	9.9	96	12.3	2.7	7.5	-	17.8	4	-1.6	13	9.7	-	-	19	-	7	10	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROONEY STOKE	9.9	40	13.0	4.1	8.5	-	18.9	9	-0.2	15	9.0	8.6	-	6	-	2	30	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINCANTON	9.9	114	13.0	3.4	8.2	-	19.0	9	0.0	14,27,30	-	-	-	1	-	4	27	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEOVILTON	21-9	18	13.6	3.5	8.5	-	20.6	9	-2.3	30	-	-	-	9	-	4	12	5	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DORSET																																				
BOURNEMOUTH	21-9	10	14.2	2.9	8.5	-	20.6	4	-1.9	30	-	-	-	10	-	5	27	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HURN AIRPORT	9.9	40	13.5	4.3	8.9	-0.2	20.1	4	0.8	15	9.6	9.3	-	9	18	3	27	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYRICK PARK	9.9	3	13.5	4.1	8.8	-	19.5	4	-0.6	30	-	-	-	7	-	3	27	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRISTCHURCH	9.9	5	14.0	4.0	9.0	-0.3	20.1	4	-1.9	22	10.1	9.9	-	11	-	7	27	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POOLE	9.9	5	14.0	4.0	9.0	-0.3	20.1	4	-1.9	22	10.1	9.9	-	11	-	7	27	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTLAND BILL (COASTGUARD)	21-9	53	12.4	6.1	9.3	+0.6	16.9	8	1.4	14	-	-	-	7	-	2	27	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHAFESBURY	9.9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANAGE	9.9	11	11.9	5.5	8.7	-0.2	14.7	6	1.4	29	10.2	-	-	6	13	2	27	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEYMOUTH	9.9	23	13.9	4.5	9.2	-	19.0	4	0.8	21	-	-	-	9	-	2	28,29	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINFRITH	9.9	26	14.3	3.2	8.7	-	19.4	4	-1.8	29	-	-	-	7	-	5	27	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON																																				
CHELDON BARTON	21-9	164	12.3	3.6	7.9	-	18.4	9	-1.6	30	9.4	-	-	13	-	6	10	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHIVENOR	21-9	6	14.1	4.9	9.5	0.0	19.0	9	0.2	30	-	-	-	21	-	13	10	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXETER AIRPORT	21-9	32	13.3	3.9	8.6	-0.4	19.3	9	-0.9	29	-	-	-	8	-	5	10	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXMOUTH	9.9	59	13.1	4.9	9.0	+0.2	18.5	7	1.4	22	-	-	-	10	-	6	10	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARTLAND POINT	21-9	91	11.7	6.5	9.1	+0.6	17.9	9	4.0	27	-	-	-	22	-	43	13	10	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWTON ABBOT	9.9	83	12.6	4.8	8.7	-0.4	17.1	7	0.6	30	-	-	-	20	-</																					

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1974

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (ORT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																				
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 50M	40 - 150M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3900M	4 - 5KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW					
								0	1-2	3-5	6-7	8	9	10											11-12	13-14	15-16	17-18	19-20									21-22	23-24	25-26	27-28	29-30
								NUMBER OF OBSERVATIONS																	34 OR MORE	22-33	11-21	1-10	0													
0 SCOTLAND N																																										
SHELTAND																																										
LERWICK	03	3	1024.2	-	4.9	0.9	7.5	87	6.1	3	2	3	6	13	3	0	3	0	1	0	3	6	7	8	2	0	0	9	19	2	3	2	4	2	3	4	4	6				
	9	9	1024.4	+13.4	6.9	1.6	7.9	79	8.4	2	2	1	14	7	4	0	2	1	2	0	3	4	7	7	4	0	1	8	18	3	2	7	2	4	2	2	4	4	6			
	15	15	1024.0	-	7.8	1.9	8.1	76	6.0	2	2	3	14	8	1	0	1	0	2	2	1	6	7	6	5	0	0	10	19	1	0	6	2	4	5	3	3	6				
	21	21	1024.2	-	5.4	1.1	7.7	85	6.5	1	3	2	9	11	4	0	3	0	2	2	1	4	6	7	5	0	0	8	18	4	3	3	4	2	5	2	1	6				
ORKNEY																																										
KIRKWALL	26	3	1025.9	-	5.0	0.4	8.2	93	8.5	1	2	4	8	9	6	1	4	1	1	1	2	5	7	8	0	0	0	8	17	5	1	3	2	6	6	2	2	3				
	9	9	1024.1	+12.5	7.3	1.0	8.7	86	8.1	1	5	1	10	9	4	1	2	1	1	2	5	5	11	2	0	0	15	11	0	4	4	4	6	8	5	2	1	2				
	15	15	1023.5	-	9.1	1.8	9.1	79	5.3	0	6	6	11	7	0	0	0	0	3	0	3	6	6	11	1	0	0	17	13	0	0	4	4	7	0	1	3					
	21	21	1023.8	-	5.3	0.5	8.3	92	5.1	3	6	3	7	7	4	1	3	1	0	1	0	7	7	10	0	0	0	9	15	6	0	6	3	8	3	0	4	2				
CAITHNESS																																										
HICK	37	3	1023.7	-	4.5	0.7	7.5	89	5.4	2	4	6	8	6	4	0	5	0	0	0	3	7	6	8	1	0	0	7	21	2	1	2	3	6	5	2	4	7				
	9	9	1023.9	+12.0	7.2	1.4	8.2	81	6.2	2	2	3	14	5	4	0	2	2	1	0	10	2	9	4	0	0	0	11	19	0	0	4	1	4	10	6	0	2				
	15	15	1023.3	-	8.2	1.6	8.5	78	4.9	2	7	2	17	1	1	0	0	3	1	0	1	7	7	6	5	0	0	8	22	0	0	4	4	5	11	7	0	0				
	21	21	1023.6	-	5.9	0.8	8.2	88	5.1	1	9	1	11	4	4	0	4	0	0	0	1	7	8	8	1	0	0	0	22	2	2	0	2	4	10	4	1	3				
SUTHERLAND																																										
CAPE WRATH	113	3	1023.0	-	7.3	1.0	8.8	87	4.1	0	13	5	5	5	2	0	0	2	0	1	0	0	9	13	5	0	1	3	18	8	0	2	8	3	1	6	2	0				
	9	9	1023.3	-	8.0	1.0	9.3	86	4.4	1	9	8	4	8	0	0	0	0	0	0	0	2	13	8	7	0	1	4	18	7	0	1	9	2	2	6	3	0				
	15	15	1022.6	-	9.0	1.1	9.8	85	4.6	2	10	4	4	10	0	0	0	2	0	0	2	8	11	7	0	0	1	7	20	2	0	2	12	3	0	5	4	2				
	21	21	1022.8	-	8.0	1.2	8.9	84	4.7	0	10	6	5	8	1	0	1	1	0	0	0	1	12	8	7	0	2	4	20	4	1	1	13	2	1	5	3	0				
ROSS & CROMARTY																																										
STORMOY	5	3	1022.8	-	5.3	0.8	8.1	91	3.3	10	7	3	1	9	0	0	0	0	0	1	12	7	9	1	0	0	4	9	17	3	1	4	1	2	1	1	0					
	9	9	1023.1	+11.3	8.2	1.1	9.3	85	4.3	3	9	3	5	7	1	0	0	0	0	3	13	4	4	5	0	0	5	16	9	1	6	5	3	2	0	3	1					
	15	15	1022.3	-	10.1	1.8	9.5	77	4.0	5	9	2	9	5	0	0	0	0	0	0	1	10	7	7	0	0	8	20	2	1	13	4	4	5	0	0	1					
	21	21	1022.6	-	7.2	0.9	8.9	87	3.3	8	7	4	8	3	0	0	0	0	1	0	0	1	10	11	5	2	0	5	15	10	1	7	5	0	1	1	2	3				
INVERNESS-SHIRE																																										
BEMBECLA	7	3	1022.6	-	5.8	0.6	8.3	90	3.2	11	5	4	3	8	1	0	1	0	3	0	1	11	5	7	2	0	0	2	20	8	1	7	7	5	1	1	0	0				
	9	9	1022.8	+10.8	9.2	1.5	9.4	80	4.3	6	5	4	9	5	1	0	0	0	1	0	1	10	7	6	5	0	0	8	21	1	0	5	8	7	3	1	2	3				
	15	15	1022.3	-	11.5	2.7	9.3	68	3.3	6	9	7	5	3	0	0	0	0	2	9	7	6	6	6	0	0	0	10	20	0	0	4	4	3	5	2	7	5				
	21	21	1022.4	-	7.3	0.9	9.0	87	3.6	9	4	6	8	2	1	0	0	1	0	0	0	11	6	8	4	0	0	0	24	4	4	7	5	3	3	1	1	2				
1 SCOTLAND E																																										
MORAYSHIRE																																										
KINLOSS	6	3	1023.7	-	3.7	0.7	7.2	89	4.6	4	7	3	7	8	1	0	1	0	2	1	2	12	3	7	2	0	0	2	22	6	0	2	2	2	10	3	3					
	9	9	1023.9	+11.4	7.3	1.5	8.1	79	5.8	3	3	3	11	8	2	0	0	2	0	1	13	7	4	3	0	0	2	25	3	1	3	7	3	0	4	8	1					
	15	15	1022.8	-	10.6	2.6	8.8	69	4.6	4	6	4	13	3	0	0	0	0	2	1	8	10	5	4	0	0	6	24	0	12	9	3	3	0	1	0	2					
	21	21	1023.2	-	6.1	0.9	8.1	86	4.5	2	9	5	7	5	2	0	2	0	1	0	2	8	9	4	4	0	0	0	6	27	2	1	8	7	4	1	4	1				
ABERDEENSHIRE																																										
DYCE	59	3	1023.7	-	3.7	0.5	7.3	91	6.2	4	1	1	9	10	5	0	4	0	2	1	2	10	6	5	0	0	0	1	21	8	2	4	3	1	4	2	0	6				
	9	9	1023.9	+11.1	6.9	1.8	7.7	78	5.6	2	5	3	10	9	1	0	0	1	1	2	2	9	4	10	1	0	0	7	21	2	5	4	9	3	4	0	0	3				
	15	15	1023.0	-	9.8	2.7	8.0	66	5.1	1	5	8	10	6	0	0	0	1	0	3	7	7	7	5	0	0	18	12	0	5	1	10	7	6	0	0	1					
	21	21	1023.5	-	5.4	0.9	7.8	86	5.7	3	5	1	9	7	5	0	3	2	0	1	4	10	2	7	1	0	0	3	27	0	5	2	4	5	8	3	0	3				
FRASERBURGH																																										
ANGUS	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
USAN																																										
35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
FIFE																																										
LEUCHARS	12	3	1023.3	-	3.7	0.6	7.3	90	5.9	3	5	1	3	13	5	0	4	0	2	2	1	8	6	9	0	0	0	5	13	12	2	4	5	1	0	2	4	0				
	9	9	1023.6	+10.4	6.5	1.3	7.8	81	5.9	2	3	4	10	9	2	0	2	0	2	2	3	4	8	7	2	0	0	4	22	4	2	8	7	3	0	2	2	0				
	15	15	1022.6	-	8.6	2.1	8.1																																			

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1974

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 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS							0 - 50M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3900M	4 - 5KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE																											
								0	1-2	3-5	6-7	8	SKY OBSCURED	3+ OR MORE											6-7	4-5	1-3	CALM	N	NE	E	SE	S	SW	W	NW																
		NUMBER OF OBSERVATIONS																																																		
																								0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
3 EAST ANGLIA - CONTO. ESSEX																																																				
SHOEBURYNNESS	5	9	1018.9	+ 2.9	8.9	1.3	9.4	82	5.5	3	3	6	9	8	1	0	1	0	1	2	6	3	11	6	0	0	0	1	13	16	0	10	12	4	1	0	1	1	1	0												
	15	9	1017.9	-	10.5	2.0	9.6	76	5.1	4	3	6	9	8	0	0	0	0	0	1	5	6	6	7	5	0	0	1	13	16	0	4	11	12	1	1	1	0	1	1												
	21	9	1018.5	-	7.1	0.8	8.9	89	3.9	7	6	5	5	7	0	0	0	0	0	1	2	0	1	9	7	3	7	0	0	14	15	1	9	14	2	0	2	0	1	1	0											
STANSTED	102	3	1019.0	-	4.5	0.5	7.8	92	4.6	4	7	5	4	6	4	0	2	1	1	1	8	10	5	2	0	0	0	0	0	29	1	16	8	3	0	0	0	1	1	1	0											
	9	9	1019.3	+ 3.4	7.6	1.3	8.6	82	5.4	3	4	5	6	10	2	0	0	3	2	0	5	9	5	6	6	0	0	0	6	24	0	14	11	5	0	0	0	1	1	0	0											
	15	9	1017.8	-	12.0	3.8	7.9	58	4.6	4	5	7	6	8	0	0	0	0	0	0	2	3	5	13	1	0	0	0	14	16	0	9	5	12	0	0	1	1	1	0	0											
21	9	1019.0	-	7.1	1.6	7.8	77	3.5	7	10	1	5	7	0	0	0	0	0	0	0	3	5	10	9	1	0	0	2	26	2	9	13	3	1	1	1	1	0	0	0												
MALTON-ON-THE-WAZE	8	3	1017.9	-	-	-	-	-	3.8	10	6	1	2	8	3	0	1	2	0	3	1	3	6	15	0	0	0	2	6	16	6	7	14	3	0	0	0	0	0	0	0											
	9	9	1019.0	-	-	-	-	-	5.2	4	4	5	4	11	2	0	0	2	2	0	2	8	0	16	0	0	0	4	12	13	3	5	17	3	0	0	1	1	0	0	0											
	15	9	1018.1	-	-	-	-	-	4.6	5	3	8	6	7	1	0	1	0	1	0	1	3	8	1	16	0	0	0	4	13	10	3	2	16	7	1	1	0	0	0	0											
21	9	1018.8	-	-	-	-	-	5.3	13	3	4	2	7	1	0	0	0	1	2	2	3	6	16	0	0	0	1	13	13	3	4	20	2	0	0	0	0	0	1	0												
4 MIDLAND COUNTIES WEST YORKSHIRE																																																				
HUDDERSFIELD	235	3	1021.8	-	3.5	0.6	7.0	89	7.1	0	1	4	2	20	3	1	2	0	6	2	2	9	7	1	0	0	0	7	23	0	12	9	6	1	0	0	1	1	1	0												
	9	9	1022.2	-	5.3	1.0	7.6	86	7.1	0	1	2	8	17	2	0	5	0	4	0	4	8	7	2	0	0	0	0	9	21	0	6	14	6	1	1	1	0	2	0	0											
	15	9	1020.8	-	9.5	2.7	7.9	66	5.6	2	2	8	10	8	0	0	0	0	0	2	1	7	14	6	0	0	0	0	16	14	0	7	12	7	3	0	0	0	1	0	0											
21	9	1021.5	-	5.3	1.0	7.6	84	4.9	6	2	6	4	12	0	0	0	0	0	0	0	5	4	8	8	5	0	0	0	6	24	0	6	19	3	1	1	0	0	0	0												
MILSDEN	267	3	1022.5	-	3.1	0.6	6.8	89	6.3	3	1	4	2	14	6	0	4	3	1	0	2	12	8	0	0	0	0	0	1	21	8	1	11	7	1	0	0	0	1	1	0											
	9	9	1022.5	-	4.8	0.9	7.4	86	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	11	14	5	3	9	12	0	0	0	0	0	0	0												
	15	9	1020.8	-	8.7	2.5	7.8	68	5.0	5	2	6	6	10	1	0	0	0	1	1	2	12	12	2	0	0	0	0	10	18	2	2	13	10	2	0	0	0	0	0	0											
21	9	1022.0	-	4.6	1.0	7.2	84	5.5	5	4	1	5	14	1	0	1	0	0	0	2	1	16	10	0	0	0	0	0	3	21	6	4	8	9	1	1	0	1	0	0												
SOUTH YORKSHIRE																																																				
FINNINGLEY	15	3	1021.4	-	4.4	0.7	7.5	89	6.4	2	3	2	3	17	3	0	1	2	2	3	3	6	5	5	3	0	0	1	28	1	21	4	1	0	0	0	0	0	0	3												
	9	9	1021.7	+ 6.5	6.7	1.3	7.9	81	6.0	0	0	7	7	15	1	0	1	0	3	1	6	3	8	4	4	0	0	10	19	1	13	12	3	0	0	0	0	0	0	0												
	15	9	1020.4	-	10.8	3.1	8.2	63	5.1	5	2	7	8	8	0	0	0	0	0	0	0	4	4	10	8	4	0	0	13	17	0	0	13	17	0	1	1	0	1	2	0											
21	9	1021.2	-	5.9	1.1	7.8	84	5.4	3	4	6	4	13	0	0	0	0	0	1	2	4	10	3	8	2	0	0	0	27	3	9	9	8	0	1	0	0	0	0													
NOTTINGHAMSHIRE																																																				
WATHALL	119	3	1021.1	-	4.2	0.6	7.5	91	5.9	2	3	4	7	11	3	0	1	2	4	3	3	11	5	1	0	0	0	8	22	0	8	15	3	0	0	0	0	1	5													
	9	9	1021.4	+ 8.1	6.3	1.1	8.0	85	7.2	0	1	2	9	17	1	0	0	2	2	5	5	7	3	0	0	0	0	18	12	0	9	16	3	0	0	0	1	0	1	0												
	15	9	1019.9	-	10.8	3.0	8.3	65	4.8	4	6	5	5	10	0	0	0	0	0	0	1	3	11	5	9	1	0	0	19	10	1	5	21	2	0	0	0	1	0	0												
21	9	1020.9	-	6.0	1.1	7.9	84	5.0	4	6	2	9	9	0	0	0	0	0	1	3	7	10	6	3	0	0	0	15	16	1	2	23	2	0	0	0	1	0	1	0												
SALOP																																																				
SHAWBURY	76	3	1020.8	-	4.0	0.6	7.5	90	5.4	4	3	5	6	11	1	0	1	0	2	4	10	7	4	2	0	0	0	1	19	10	5	5	9	0	0	0	0	0	1													
	9	9	1021.1	+ 5.8	6.8	1.2	8.2	83	6.0	0	6	4	8	12	0	0	0	0	3	4	6	10	3	4	0	0	0	3	25	2	4	6	11	5	0	0	2	0	0													
	15	9	1019.4	-	11.9	2.9	9.3	66	5.2	2	6	6	8	8	0	0	0	0	0	1	5	10	8	5	1	0	0	0	8	22	0	2	7	15	3	1	2	0	0													
21	9	1020.2	-	7.7	1.4	8.5	80	4.5	6	3	7	6	8	0	0	0	0	0	0	0	8	13	6	2	0	0	0	0	28	1	4	4	17	1	0	0	0	0														
WEST MIDLANDS																																																				
EDGBASTON	165	9	1020.9	+ 5.1	6.0	1.2	7.7	83	6.7	1	2	2	11	12	2	0	0	1	6	3	6	7	7	0	0	0	0	6	22	2	4	14	9	1	0	0	0	0														
	15	9	1019.3	-	10.7	3.0	8.2	64	4.9	5	2	8	7	8	0	0	0	0	1	1	4	13	8	3	0	0	0	0	7	22	1	3	11	9	4	0	1	1	0													
	21	9	1020.2	-	8.0	1.9	7.9	73	4.3	6	7	3	6	8	0	0	0	0	2	0	3	15	8	1	1	0	0	0	4	25	1	3	12	13	0	0	1	0	0													
ELMDON	100	3	1020.6	-	3.8	0.7	7.2	89	5.3	4	5	4	2	12	3	1	1	3	1	7	5	9	2	0	0	0	0	3	22	5	10	12	1	2	0	0	0	0														
	9	9	1020.8	+ 5.1	6.5	1.3	7.8	81	6.9	1	1	4	5	18	1	0	0	0	3	5	8	7	2	0	0	0	0	12	18	0	8	17	3	2	0	0	0	0														
	15	9	1019.3	-	11.2	3.2	8.2	62	5.0	2																																										

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

APRIL 1974

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED						HIGHEST VALUES																			
	ABOVE 100'	ABOVE GROUND EFFECTIVE HEIGHT	≥4 KT OR MORE (GALE FORCE)				22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HIGHEST HOURLY WIND			HIGHEST GUST														
			DATES OF OCCURRENCE								MEAN HOURLY WIND SPEED (KT)	VEER FROM NORTH	SPEED (MPH)	DIR	VEER FROM NORTH	SPEED (MPH)	DIR AND TIME											
3 EAST ANGLIA																												
NORFOLK	COLTISHALL	27 10 10					0 0	0 282 381 57	0	9.3	050 19 13 11 060	32 13 1030																
	GORLESTON	16 13 13					0 6	27 458 204 31	0	12.9	040 25 13 20 010	35 23 1324																
	MARHAM	29 10 10					0 0	0 259 413 48	0	9.2	360 19 23 15 070	29 27 0806																
	WEST RAYNHAM	93 16 14					0 1	4 360 338 18	0	10.9	050 24 13 13 050	35 27 1306																
CAMBRIDGESHIRE	WITTERING	83 10 10					0 0	0 315 354 51	0	9.8	030 20 6 15 080	32 27 0948																
SUFFOLK	HONINGTON	60 13 13					0 0	0 229 458 33	0	9.1	080 20 6 13 080	30 6 1300																
	WATTISHAM	105 17 10					0 0	0 226 431 63	0	8.9	340 20 23 15 050	30 5 1430																
BEDFORDSHIRE	BEOFORD	94 13 9					0 2	3 385 291 9	32	11.8	060 22 26 08 060	36 27 0924																
	CARDINGTON	70 41 41					0 0	0 281 396 43	0	9.3	040 20 13 15 040	29 13 2048																
HERTFORDSHIRE	DARSTON	94 15 10					0 0	0 14 578 128	0	5.8	010 14 23 15 070	27 5 1154																
	ROTHAMSTED	141 13 10					0 0	0 131 467 122	0	7.1	070 15 5 13 070	30 5 1342																
ESSEX	SHOEBURNESS	36 32 28					0 11	68 404 238 10	0	13.0	060 30 26 10 060	39 26 0930																
	STANSTED	108 10 10					0 0	0 137 498 85	0	7.3	080 17 4 12 080	27 5 1400																
4 MIDLAND COUNTIES																												
SOUTH YORKSHIRE	FINNINGLEY	19 10 10					0 0	0 115 497 108	0	7.3	090 17 27 13 080	31 27 1148																
	SHEFFIELD	160 25 11					0 0	0 7 300 389	24	3.4	050 12 25 16 020	31 25 1306																
NOTTINGHAMSHIRE	WATNALL	130 13 10					0 0	0 317 353 50	0	9.8	060 20 27 14 060	31 26 1124																
STAFFORDSHIRE	KEELE	215 15 10					0 0	0 28 380 312	0	4.6	080 14 12 11 070	29 27 1400																
LEICESTERSHIRE	COTTESMORE	143 13 13					0 1	1 352 326 41	0	10.4	060 22 27 15 060	32 27 1530																
SALOP	SHAWBURY	84 12 10					0 0	0 66 423 231	0	5.7	050 14 28 14 080	24 27 1236																
WEST MIDLANDS	BIRMINGHAM																											
	EDGBASTON	196 36 22					0 0	0 82 465 173	0	6.6	030 14 25 16 080	29 27 1124																
	ELMDON AIRPORT	104 10 10					0 0	0 154 433 133	0	7.2	050 17 26 11 050	33 26 1124																
HEREFORD & WORCS	PERSHORE	47 10 10					0 0	0 237 374 109	0	8.3	060 19 26 12 070	32 27 1148																
GLOUCESTERSHIRE	FAIRFORD	88 10 10					0 0	0 261 360 84	15	9.0	060 18 26 10 050	31 27 1318																
OXFORDSHIRE	ABINGDON	90 12 12					0 0	0 210 428 82	0	8.2	020 15 13 17 060	27 26 1036																
	BRIZE NORTON	91 13 10					0 0	0 270 389 61	0	9.0	040 19 13 15 060	28 26 1330																
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																												
GREATER LONDON	HAMPTON	42 31 30					0 0	0 170 417 133	0	7.7	070 21 5 11 080	39 4 1318																
	HEATHROW AIRPORT	34 10 10					0 0	0 202 452 66	0	8.5	100 19 4 13 090	29 5 1148																
	KEW	28 23 15					0 0	0 210 405 105	0	8.2	080 20 4 12 040	32 13 2048																
	LONDON WEATHER CENTRE	93 70 38					0 0	0 316 379 25	0	10.4	060 21 4 12 060	35 26 1036																
	POST OFFICE TOWER	174																										
WILTSHIRE	BOSCOMBE DOWN	130 17 17					0 0	0 304 332 84	0	9.4	080 21 4 13 060	29 26 0954																
	LARKHILL	145 13 10					0 3	20 367 264 69	0	10.9	030 25 13 13 070	38 26 1006																
	MIDDLE WALLOP	94 10 10					0 0	0 288 361 71	0	9.3	090 21 4 13 100	32 4 1312																
	PORTON	120 10 10					0 0	0 345 304 71	0	10.0	070 21 4 13 060	32 26 1000																
KENT	DUNGENESS	16 10 10					0 7	55 453 202 10	0	13.2	060 26 14 17 060	39 14 1724																
	ISLE OF GRAIN	15 12 10																										
	MANSTON	62 18 18					0 6	17 471 190 42	0	12.5	060 25 26 11 050	33 13 2142																
HAMPSHIRE	FARNBOROUGH	75 10 10					0 0	0 113 455 121	31	6.9	090 20 4 12 080	31 4 1054																
WEST SUSSEX	GATWICK AIRPORT	69 10 10					0 2	4 180 431 105	0	8.2	060 24 5 13 060	34 5 1312																
	THORNEY ISLAND	16 10 10					0 0	0 274 381 65	0	9.1	040 19 13 09 040	29 13 0924																
7A ENGLAND NORTHWEST AND ISLE OF MAN																												
CUMBRIA	CARLISLE	41 13 9					0 1	4 245 302 169	0	8.1	060 24 11 12 060	39 11 1312																
	GREAT DUN FELL	857 10 10					12 15	138 333 196 41	0	14.9	060 39 27 23 060	45 11 1436																
	MOOR HOUSE	595 13 12					0 0	0 30 134 556	0	2.5	130 17 9 13 060	28 28 0936																
	SELLAFIELD	25 12 11					0 0	0 87 386 214	33	5.8	110 16 11 10 110	28 11 1036																
LANCASHIRE	FLEETWOOD	34 15 9					0 0	0 34 249 437	0	3.8	110 16 1 12 100	31 11 0842																
	SQUIRES GATE AIRPORT	22 12 11					0 0	0 205 451 64	0	8.5	100 21 11 09 090	30 11 1430																
MERSEYSIDE	AIGBURTH	38 23 11					0 0	0 94 465 161	0	6.6	020 14 27 16 020	27 27 1642																
	SOUTHPORT	19 14 11					0 0	0 21 294 405	0	3.7	030 15 28 10 030	26 28 1042																
	SPEKE AIRPORT	30 10 10					0 0	0 180 437 103	0	7.8	060 16 28 10 080	27 27 1748																
GREATER MANCHESTER	MANCHESTER																											
	RINGWAY AIRPORT	80 10 10					0 0	0 189 389 142	0	7.7	060 20 26 12 060	33 27 1354																
	WEATHER CENTRE	82 45 17					0 0	0 231 386 92	11	8.4	060 18 28 10 060	34 28 1030																
ISLE OF MAN	POINT OF AYRE	20 10 10					0 2	8 228 407 77	0	8.8	050 24 11 09 050	39 11 0930																
	RONALDSWAY	25 10 10					0 2	3 213 433 71	0	8.8	080 23 11 13 080	33 11 1318																
7B WALES NORTH																												
GWYNEDD	VALLEY	26 16 12					0 0	0 278 388 54	0	9.4	080 20 13 13 080	30 13 1154																
8A WALES SOUTH																												
DYFED	ABERPORTH	144 10 10					0 1	4 206 427 83	0	8.2	130 23 2 06 130	33 2 0524																
	MILFORD HAVEN	47 10 10					0 0	0 199 479 42	0	8.6	130 20 2 06 120	33 2 0542																
WEST GLAMORGAN	PORT TALBOT	28 12 11					0 1	3 188 335 194	0	7.0	110 25 4 12 110	41 4 1206																
SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10					0 0	0 287 370 63	0	9.3	080 19 9 10 070	29 13 1254																
8B ENGLAND SOUTHWEST																												
DORSET	HURN AIRPORT	23 13 11					0 0	0 254 359 107	0	8.7	030 20 13 10 030	31 26 1300																
	PORTLAND BILL CG	60 13 13					0 2	5 392 289 34	0	11.4	050 23 14 06 050	37 14 0742																
DEVON	CHIVENOR	22 16 13					0 0	0 206 400 114	0	8.2	060 20 3 10 060	37 3 0842																
	MOUNT BATTEN	64 13 13					0 1	1 267 384 68	0	9.3	080 22 9 11 050	38 3 1300																
CORNWALL	LIZARD	96 23 18					1 7	33 461 204 21	0	12.9	120 34 2 21 120	46 3 2118																
	ST MAHCAN	120 13 13					0 2	15 261 410 34	0	9.8	160 31 2 03 170	43 2 0412																
	SCILLY(ST.MARY'S)	70 20 17					0 3	8 294 274 141	3	8.9	150 24 2 02 150	37 2 0148																
CHANNEL ISLANDS	JERSEY AIRPORT	98 18 12					0 2	8 366 329 17	0	10.9	050 24 13 22 050	35 13 2154																
NORTHERN IRELAND													</															

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MAY**1974**

VOLUME 91

NUMBER 5

Changeable but drier in the east than in the west.

Depressions and their associated fronts often approached the United Kingdom during the month but only occasionally crossed the country. High-pressure systems predominated for most of the third week and also affected the weather at other times.

Weather

Spells of mostly dry and sunny weather and periods of frequent rainfall alternated during the month. Thunder and hail were reported and outbreaks of heavy rain, though few, were sometimes accompanied by hill fog especially in the west and north. A little snow or sleet (snow mixed with rain or drizzle) occasionally fell over high ground in Wales and Scotland.

Wind

Although winds blew mostly from an easterly point, westerlies were often reported during the last 10 days. Winds were frequently fresh or strong particularly around coasts but there were few gales and most of these occurred in western districts during the first two weeks. On the 2nd a gust of 62 kt was measured at the exposed station at Gwennap Head (Cornwall). Gusts of 50 kt or more were recorded in western England on the 9th and 10th and at exposed places in eastern Scotland on the 28th.

Temperature

Monthly mean temperatures were within 1 degC of average almost everywhere. They were near or above average in many parts of Scotland and in most of eastern and north-eastern England but other areas were mostly a little colder than normal. Until mid month, temperatures in many places were near or below average and frost occurred frequently at night particularly in England and Scotland. On the 8th a minimum temperature of -5.5°C was recorded at Stratford-upon-Avon, the lowest temperature there in May since records began in 1933. Another noteworthy minimum of -6.9°C occurred at Grizedale (Cumbria) on the 12th. During the second half of the month frosts were much less frequent and there were some warm days in eastern and central districts of Great Britain. On the 18th, East Dereham (Norfolk) had a maximum of 25.2°C and on the 26th the temperature rose to 24.6°C at Dundee (Angus).

Rainfall (including melted snow)

The eastern half of Northern Ireland was mostly wetter than normal and some places had about twice their average rainfall. Parts of northern Scotland, western Wales and south-western England also received more than their average rainfall but remaining districts were drier than average. In eastern England and in the Midlands many places had less than half of their average rainfall and a few were very dry indeed. Cleethorpes (Humberside) and Gorleston (Norfolk) each recorded only 11 mm of rainfall during the month and at Tynemouth, 9 mm was the lowest rainfall total for May for at least 48 years. Rainy periods alternated with drier spells and although thunder and hail occurred at times there were only a few outbreaks of heavy rain, most of which occurred in the west and north. In the 24 hours from 09 GMT on the 1st, 85.7 mm of rain fell at Braich Dinas (Gwynedd) and Heatree (Devon) had 74.0 mm on the following day. Two weeks later during heavy rain in Northern Ireland, a fall of 62.6 mm was measured at Spelga Dam (Co. Down) in the 24 hours from 09 GMT on the 17th.

Snow

Isolated falls of snow or sleet were occasionally reported over high ground in Scotland and Wales. Snow lay for

many days during the month on some of the higher peaks in the central Highlands and in the mountains of north-western England.

Sunshine

Northern Ireland was generally rather dull. In most eastern, central and southern districts of Great Britain sunshine amounts were near or a little above average but elsewhere they were mostly a little less than average. There were no widespread and prolonged sunny spells but days with long periods of unbroken sunshine occurred most frequently around mid month and again during the last week. Squires Gate (Lancashire) had 14.6 hours on the 14th, Lerwick (Shetland) had 15.0 hours on the 16th and Eastbourne had 14.5 hours on the 19th. On the 26th there were 14.2 hours of sunshine at Manston (Kent) and on the 29th, Carlisle (Cumbria) had 15.4 hours of sunshine.

Fog

In England and Wales scattered patches of morning fog occurred frequently but they were rarely reported in Scotland and Northern Ireland. Sea fog occasionally affected coasts bordering the North Sea, the English Channel and the Irish Sea and hill fog accompanied rain at times in some western and northern districts.

Miscellaneous Phenomena

Nil.

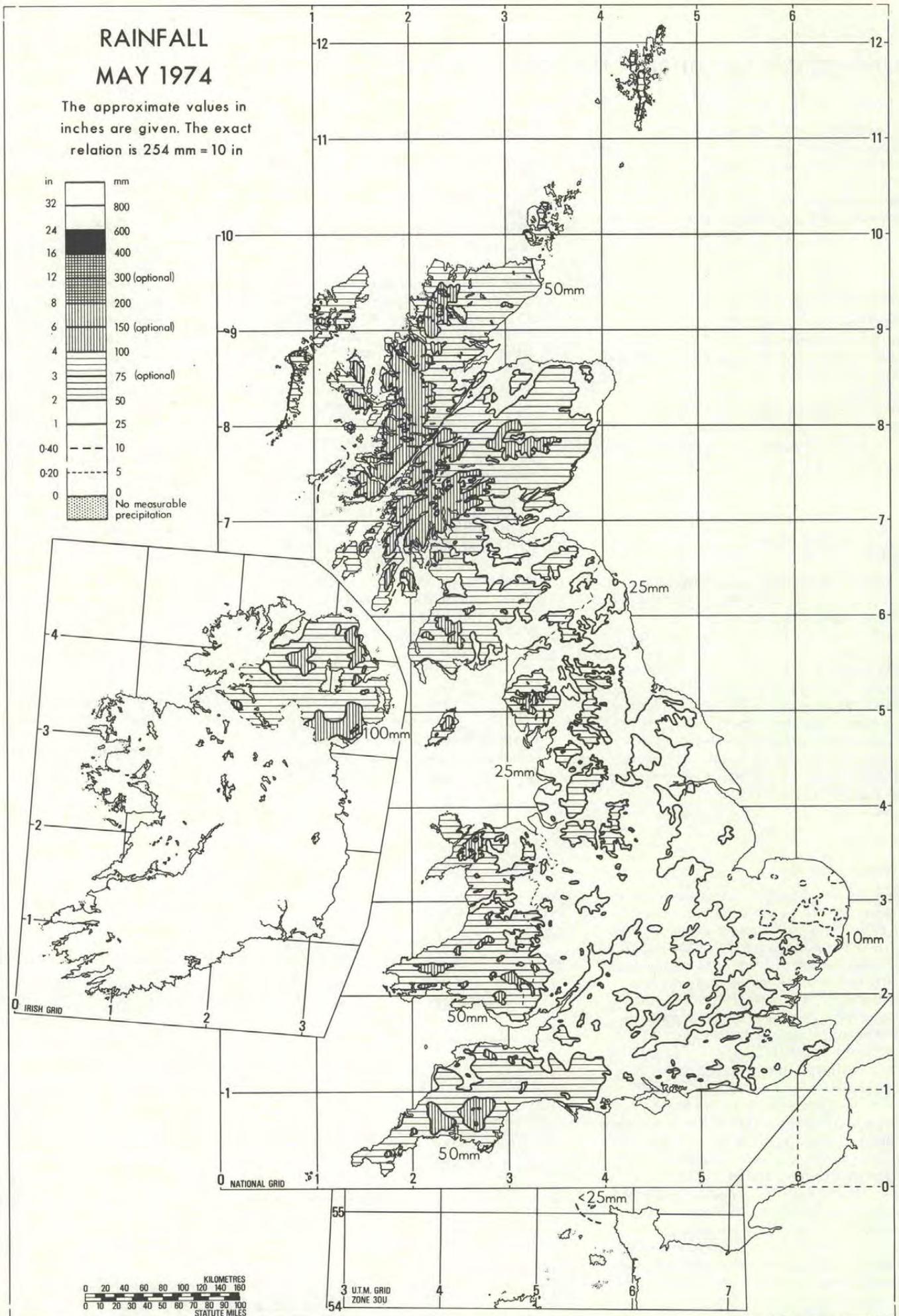
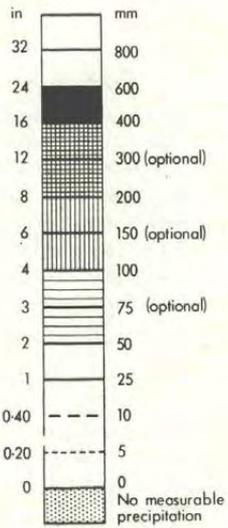
Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
	difference from average								
0 Scotland N	21.0	0.5	+0.3	+0.7	+0.5	+0.1	+1	99	89
1 Scotland E	24.6	-0.4	+0.4	+0.6	+0.5	+0.4	+1	73	97
2 England E & NE	22.8	-2.8	+0.4	-0.3	0.0	+0.3	-5	46	116
3 East Anglia	23-4	-0.9	-0.2	-0.6	-0.4	-0.6	-2	40	106
4 Midland Counties	21.3	-1.1	-0.3	-0.6	-0.5	-0.1	-2	54	104
5 England SE & Central S	24.1	-2.0	-0.3	-0.7	-0.5	-0.2	-3	50	110
6 Scotland W	21.2	-1.9	0.0	+0.3	+0.1	+0.1	+2 *	88	99
7 England NW & Wales N	20.3	-0.5	-0.4	+0.1	-0.1	-0.5	-1	65	97
8 England SW & Wales S	19.6	1.2	-0.9	-0.3	-0.6	0.0	0	88	105
N Ireland	18.3	-1.2	-0.9	+0.2	-0.4	-0.3	+1	118	74
Scotland	24.6	-1.9	+0.2	+0.5	+0.4	+0.2	+1	87	95
England & Wales	24.1	-2.8	-0.3	-0.4	-0.3	-0.2	-2	57	106

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL MAY 1974

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



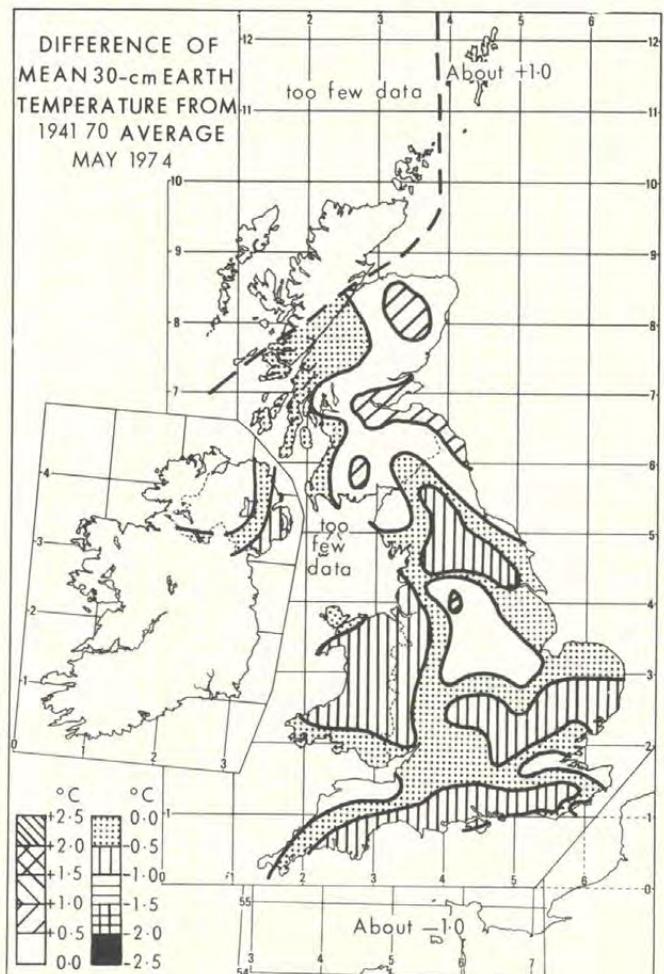
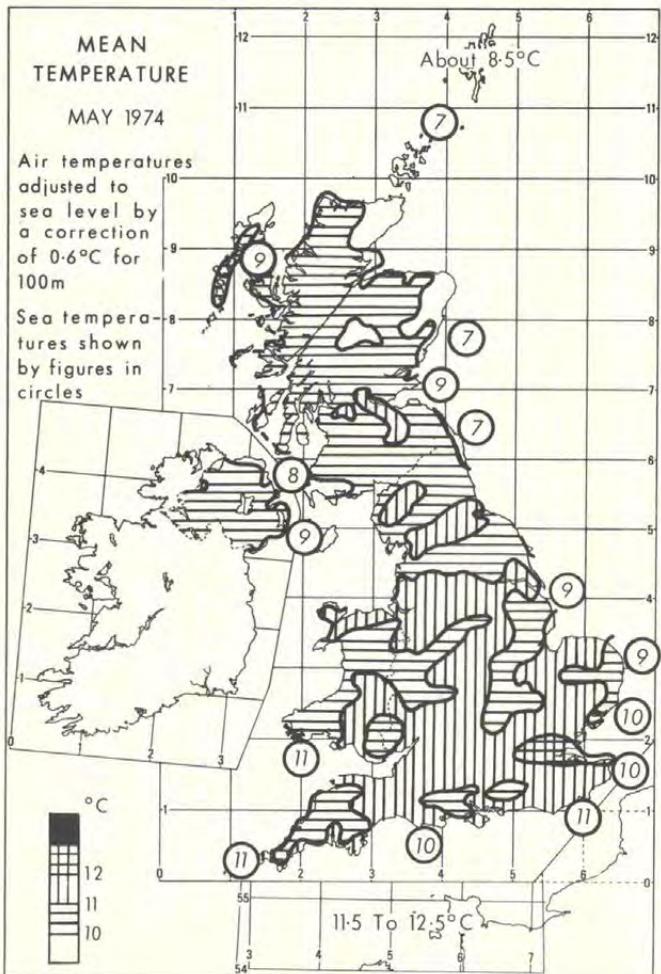
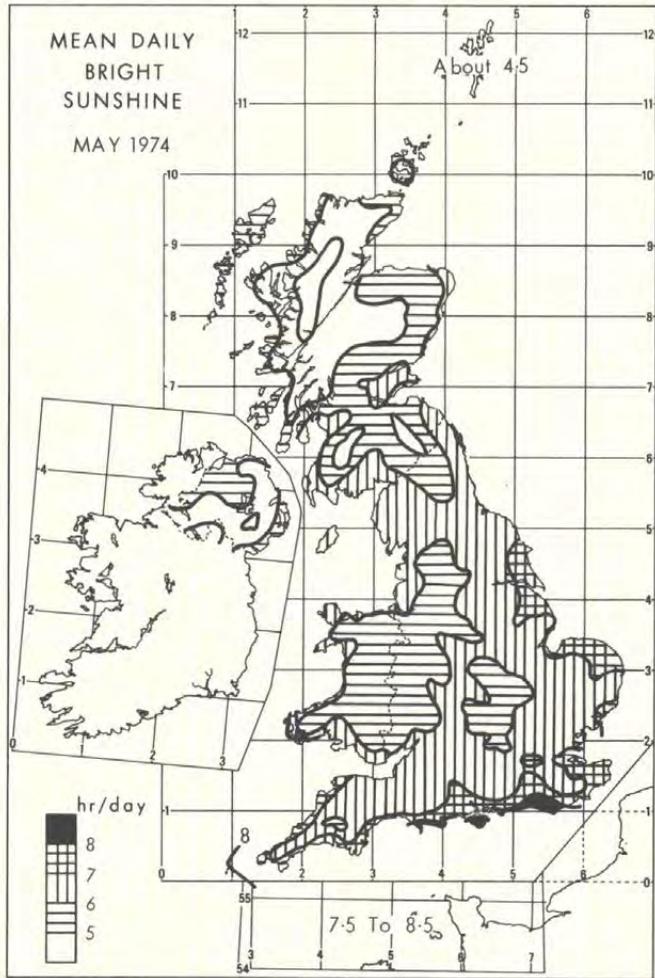
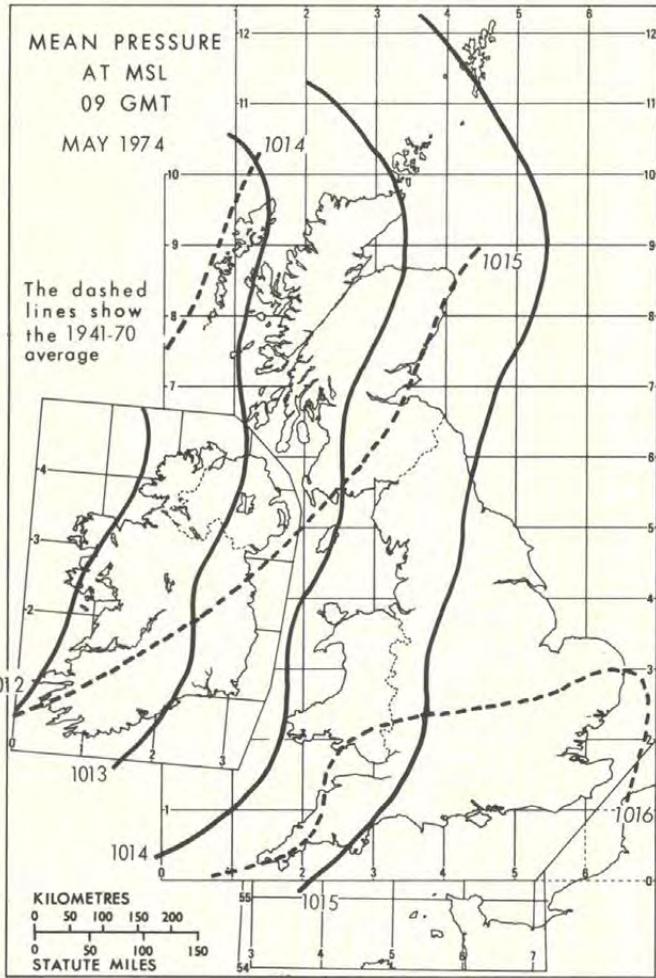


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION (M)	MIN. TERMINAL HEIGHT OF OBSERVATION (M)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL HOURS GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE													
			MEANS OF				HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIPITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIR	ICE PELLETS, ETC.	THUNDER HEARD	FOD AT 9H	AIR FROST	DRASS M12 DEG C	CONCRETE M12 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE								
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE							0-2 MM OR MORE	1-0 MM OR MORE																				
2 ENGLAND E & NE -CONTINUED																																						
DURHAM	9 9	102	15.1	5.7	10.4	+0.3	22.8	26	-0.5	7	10.8	9.3	20	39	7	23	9	4	-	0	-	-	-	-	-	-	-	-	-	-	-	6.09	113	S				
CLEVELAND	9 9	31	15.5	5.2	10.3	-	22.3	26	0.7	7	-	-	-	-	14	4	2	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6.50	-	-			
HARTLEPOOL	9 9	9	14.6	7.4	11.0	+0.5	20.3	18	3.4	7	-	-	-	-	12	4	18	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	6.16	-	-			
MARTON	9 9	46	15.5	6.6	11.1	-	23.1	26	1.0	7	11.1	9.4	25	-	6	2	8	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	6.17	-	-			
NORTH YORKSHIRE																																						
ASKHAM BRYAN	9 9	34	16.0	-	-	-	20.5	19	-	-	-	-	-	-	23	47	4	10	12	8	0	0	0	0	0	0	0	0	0	0	0	0	-	-				
CAMOOD	9 9	6	15.6	5.3	10.5	-	19.5	15	-0.5	7	10.9	10.0	30	-	6	18	12	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.17	-	-		
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
HIGH MOUTHORPE	9 9	175	14.0	5.2	9.6	-	19.3	26	-0.8	7	9.7	-	-	-	18	9	9	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.09	-	-		
LEEMING	21-9	32	15.6	6.1	10.9	-	20.5	26	0.0	7	-	-	-	-	25	13	2	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.44	-	-		
MALHAM TARN	9 9	395	-	-	-	-	-	-	-	-	-	-	-	-	49	7	13	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
PICKERING	9 9	44	15.5	4.9	10.2	-	22.8	26	-1.6	7	-	-	-	-	17	5	9	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
SCARBOROUGH	9 9	53	13.9	7.0	10.5	-	18.8	18	2.9	7	11.2	9.6	16	33	5	9	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.60	111	-		
SILPHO MOOR	9 9	203	13.7	5.7	9.7	-	20.3	26	1.4	7	9.2	-	-	-	25	7	9	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
WHITBY (COASTGUARD)	21-9	60	12.8	6.7	9.7	-	18.3	18	3.3	2.8	-	-	-	-	12	5	9	10	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
YORK (HESLINGTON)	9 9	20	15.8	5.8	10.8	-	20.6	18	0.8	7	11.0	10.0	29	-	9	18	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.87	-	-		
HUMBERSIDE																																						
BRIDLINGTON	9 9	48	12.9	6.1	9.5	-	21.2	26	2.0	8	-	-	-	-	23	9	18	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.33	-	-		
BRIGG	9 9	3	16.2	5.5	10.9	-	21.9	26	-0.8	8	-	-	-	-	24	6	23	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
CLEETHORPES	9 9	7	(15.2)	(6.5)	(10.9)	(-0.1)	22.5	26	1.0	3	-	-	-	-	25	4	9	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
HULL	9 9	2	16.1	7.2	11.7	+0.3	22.5	26	2.4	7	12.5	10.3	14	30	4	9	18	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.20	125	-		
KILNSEA	21-9	12	13.0	7.3	10.1	-	21.0	26	2.3	7	-	-	-	-	14	6	18	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.53	-	-	
LINCOLNSHIRE																																						
BINBROOK	21-9	108	14.7	5.8	10.3	-	20.4	26	-1.1	1	-	-	-	-	19	6	11	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.27	-	-	
CRANWELL	9 9	62	15.8	5.4	10.6	-0.5	20.2	26	-0.1	8	-	-	-	-	10.3	25	6	11	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.80	107	-	
LINCOLN	9 9	7	16.2	5.3	10.7	-0.4	21.6	26	-2.8	7	10.9	9.5	18	-	5	21	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.90	-	-	
SKEDNESS	9 9	5	15.3	7.5	11.4	+0.6	22.0	27	2.5	7	-	-	-	-	16	36	4	21	7	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.95	108	-	
WADDINGTON	21-9	68	15.8	6.0	10.9	-0.2	21.2	26	0.5	6	-	-	-	-	24	5	21	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.14	109	-	
3 EAST ANGLIA																																						
NORFOLK																																						
COLTISHALL	21-9	17	15.6	6.2	10.9	-	22.5	18	-1.1	8	-	-	-	-	15	-	3	11	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-			
COSTESSEY	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CROMER	9 9	54	15.3	6.8	11.1	0.0	22.8	18	1.5	2.12	-	-	-	-	13	29	6	22	6	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.36	114	-	
EAST DEREHAM	9 9	53	17.4	5.5	11.5	-	25.2	18	-2.2	8	-	-	-	-	17	5	22	7	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
GORLESTON	21-9	4	12.9	8.1	10.5	-0.4	20.8	20	4.0	2.7	12.0	10.6	11	28	5	22	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.91	102	-	
MARHAM	21-9	23	16.6	5.7	11.1	-	25.6	18	-0.9	2	-	-	-	-	16	-	4	11	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.83	-	-
MORLEY ST BOTOLPH	9 9	48	15.9	5.5	10.7	-	22.5	18	-0.5	8	12.2	-	-	-	13	-	4	11	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.76	-	-
SANTON DOWNHAM	9 9	24	17.2	3.3	10.3	-	24.3	18	-5.3	8	10.5	9.3	15	-	4	22	8	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.52	-	-		
SCOLE	9 9	27	16.5	5.5	11.0	-	23.9	18	-1.5	8	12.2	11.3	10	-	3	9	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.05	-	-	
TERRINGTON ST CLEMENT	9 9	3	16.4	5.7	11.1	-0.2	22.2	18	-0.2	30	11.1	-	-	-	19	-	7	13	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.85	106	-	
CAMBRIDGESHIRE																																						
BOXWORTH	9 9	44	16.0	5.5	10.7	-	21.4	18	0.0	7	-	-	-	-	26	-	12	23	10	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.92	-	-	
CAMBRIDGE																																						
BOTANIC GARDENS	9 9	12	16.5	5.8	11.1	-0.8	23.4	18	-0.5	8	11.8	10.6	20	45	5	13	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	16.2	6.1	11.1	-	22.5	18	1.0	7.8	-	-	-	-	22	-	7	23	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.29	113	-	
MARCH	9 9	2	16.9	5.6	11.3	-	23.5	19	-0.5	8	-	-	-	-	40	5	23	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
MEPAL	9 9	1	16.4	-	-	-	22.4	18	-	-	11.3	10.0	21	-	8	11	8	6	0	0	0	0																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL HOURS GMT)				WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE			
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION	WIND SPEED	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE												
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE																		
4 MIDLAND COUNTIES																														
WEST YORKSHIRE																														
BRADFORD ...	9 9	134	14.4	6.4	10.4	-0.1	18.7	15	-0.9	7	10.4	9.1	35	55	9	23	13	9	0	0	1	0	2	0	0	8	0	5.67	102	5
BRAMHAM ...	9 9	54	15.4	5.0	10.2		19.2	15.19.20	-0.6	8			22	2	5	9	11	8	0	0	0	1	1	2	11	0				
HUDDESFIELD ...	21-9	232	14.3	5.7	10.0	-0.4	19.8	15	-1.2	7	10.1	8.2	31	43	9	22	13	10	0	0	0	2	3	0	10	3	5.85	112		
ORKES ...	9 9	99	15.3	6.6	10.9	0.0	19.5	15	0.8	7	11.3	9.7	27	44	6	22	11	10	0	0	0	1	1	1	1	5	6.00	121		
RAVENSKNOLLE ...	9 9	83	14.7	5.7	10.2	-0.5	19.5	15	-0.6	7			28	43	5	23	11	10	0	0	0	0	0	0	7	0	5.95	108		
ILKLEY ...	9 9	78	15.1	6.5	10.8	-0.1	19.2	17	2.0	6.7			27	55	8	23	12	8	0	0	0	1	1	0	0	0				
PONTEFRAC T ...	9 9	262	13.7	5.2	9.5		19.0	15	-0.6	7			37		10	1	13	12	0	0	0	0	1	0	1	9	3			
WILSDEN ...	9 9																													
SOUTH YORKSHIRE																														
FINNINGLEY ...	21-9	10	16.6	5.4	11.0		21.6	17	-0.3	8			25		5	9	13	8	0	0	1	0	0	1	1	12	3	6.64		
SHEFFIELD ...	9 9	131	15.7	6.9	11.3	0.0	20.3	15.17	2.9	6.7	11.3	9.5	39	61	16	23	11	8	0	0	1	0	0	0	5	0	6.29	120		
DERBYSHIRE																														
ASHOVER ...	9 9	186	14.9	5.8	10.3		19.9	26	0.5	7			40		8	9	16	15	0	0	0	0	1	0	0	0	6.06			
BUXTON ...	9 9	314	13.1	5.6	9.3	-0.1	17.8	17	0.0	7	10.3	9.7	59	68	17	25	12	11	0	0	0	0	0	0	0	5	0	5.88	111	5
DERBY ...	9 9	48	16.0	6.7	11.3		21.5	17	0.7	8			32		8	22	15	9	0	0	0	0	0	0	4	0	6.12			
MACKWORTH ...	9 9	89	16.2	4.8	10.5		20.2	17	0.3	8			38		15	22	12	10	0	0	0	0	0	0	0	0	0			
MORLEY ...	9 9	107																												
WINGERWORTH ...	9 9	126	14.9	5.0	9.9		19.2	17	-1.6	30	11.4		35		10	23	14	10	0	0	0	1	0	3	10	6	6.15			
NOTTINGHAMSHIRE																														
MANSFIELD ...	9 9	114	15.5	6.3	10.9	-0.2	20.5	26	1.0	6	11.3		35		8	23	14	13	0	0	0	0	0	0	9	0				
NEATHORPE ...	9 9	58	15.7	5.7	10.7		20.2	26	-1.0	8			26		5	11	12	8												
NOTTINGHAM ...	9 9	59																												
SUTTON BONINGTON ...	9 9	48	15.7	6.2	10.9	-0.2	20.7	17	0.3	8.30	10.5	9.4	27		7	22.23	11	6	0	0	0	0	0	0	6	0	6.23	108		
WARSOP ...	9 9	46	16.1	4.4	10.3		20.7	26	-2.4	8			38		14	23	12	8	0	0	0	1	0	6	13	0	6.55			
WATNALL ...	21-9	117	15.6	6.2	10.9	-0.2	21.1	17	1.9	30			31		6	23	13	9	0	0	0	1	2	0	6	0	5.91	105		
STAFFORDSHIRE																														
KEELE ...	9 9	179	14.2	5.9	10.1		19.2	17	2.0	6	10.1	8.7	46		13	23	13	8	0	0	0	1	0	0	5	0	5.96		5	
OAKEN ...	9 9	125	15.2	5.9	10.5	-0.4	20.1	17	-1.0	7	11.3		24	37	5	23	15	6	0	0	0	0	0	1	4	0				
PENKRIDGE ...	9 9	101	15.1	5.8	10.5		20.6	17	0.0	7			24		4	9	15	10	0	0	0	0	0	0	9	0				
STONE ...	9 9	107	(14.7)	(5.5)	(10.1)		19.7	17	-1.4	7			33		9	22	12	7	0	0	1	0	0	2	8	0	(5.96)			
LEICESTERSHIRE																														
CALDECOTT ...	9 9	52	15.9	4.2	10.1		20.9	26	-3.0	8			35		10	23	13	7	0	0	0	1	2	0	3	11	0	5.91		
NEWTOWN LINFORD ...	9 9	119	15.6	5.5	10.5		20.4	17	-0.2	30			32		14	23	12	6	0	0	0	2	0	1	8	0	5.31			
SALOP																														
NEWPORT ...	9 9	64	15.5	5.7	10.6	-0.3	20.0	15	-1.2	7			25	43	6	23	14	9	0	0	2	0	0	2	9	0	5.11	91		
OSMESTRY ...	9 9	174	13.8	6.3	10.1	-0.6	18.5	15.17	2.3	7			29	39	5	23	15	10	0	0	0	0	0	0	12	0	5.43	95	5	
SHAWBURY ...	21-9	72	15.4	5.5	10.5	-0.6	20.7	15	-1.3	7			28		9	23	14	7	0	0	0	0	0	3	10	3	5.45	93		
SHREWSBURY ...	9 9	56																												
WEST MIDLANDS																														
BIRMINGHAM																														
EDGBASTON ...	21-9	163	14.9	7.1	11.0	-0.4	20.0	15	3.1	6.7	9.3		33	48	6	9	11	8	0	0	1	0	0	0	4	0	5.36	98		
ELMDON AIRPORT ...	21-9	96	15.5	5.8	10.7	-0.3	20.7	17	-0.3	7			37		12	23	11	8	0	0	1	0	0	2	8	3	6.30	106		
KING EDWARD SCHOOL ...	9 9	137	15.5	6.7	11.1		20.0	18	1.6	7			71		31	10	11	9	0	0	0	0	0	0	0	0	0			
WARWICKSHIRE																														
LUDDINGTON ...	9 9	56	16.1	5.8	10.9		20.8	17	-0.3	7			19		5	23	11	9	0	0	0	0	1	0	1	5	0	5.77		
MORETON MORRELL ...	9 9	85	15.8	5.7	10.7		21.1	17	0.0	7.8			22		6	23	9	9	0	0	0	0	0	0	0	8	0	6.01		
RUGBY ...	9 9	117	15.7	6.4	11.1	-0.2	21.2	17	-0.2	7	11.6	10.6	25		7	23	9	6	0	0	0	0	0	0	1	2	0			
SHIPSTON-ON-STOUR ...	9 9	111	15.3	6.3	10.8	-0.5	20.1	17.18	0.4	7	9.9		33	56	5	23	12	9	0	0	2	0	0	3	11	0	5.86	97		
STRATFORD-ON-AVON ...	9 9	49	16.1	4.7	10.4	-0.9	20.6	19	-0.5	8	11.6		19		4	23	10	9	0	0	0	1	0	0	3	73	0	5.86	100	
WELLESBOURNE ...	9 9	47	15.9	5.5	10.7		20.6	17	-1.3	8	10.8	9.9	20		9	23	11	7	0	0	0	0	0	4	4	3	6.66			
NORTHAMPTONSHIRE																														
BUGBROOKE MILLS ...	9 9	69	15.9	5.0	10.5		20.3	17.18	-3.3	8	10.7	9.4	29		10	23	10	7	0	0	0	0	0	2	0	0	(6.05)			
RAUNDS ...	9 9	59	16.5	5.1	10.8	-0.7	21.3	18	-1.1	8	12.0	9.4	28	55	7	23	10	8	0	0	0	1	0	2	7	0	5.76	99		
HEREFORD & WORCESTER																														
HEREFORD (SEWAGE WORKS) ...	9 9	52																												
IPSLEY (SEWAGE WORKS) ...	9 9	73	15.9	5.8	10.9		20.2	17	0.0	7.8	11.0	10.5	29		5	10	11	8	0	0	0	1	0	0	7	3	5.56			
LYNSHALL ...	9 9	155	14.8	6.1	10.5	-0.6	19.5	17.19	1.2	7			46		11	9	13	10	0	0	0	0	0	0	8	0				
MALVERN ...	9 9	62	16.2	6.9	11.5		21.3	15	0.8	7	12.0	9.9	38		11	2	14	7	0	0	0	0	0	0	4	0	5.35	89		
PERSHORE ...	9 9																													
COLLEGE OF HORT. ...	9 9	40	16.																											

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

Table with multiple columns: Station Name, Height, Hour, Mean Pressure, Mean Temperature, Cloud Amount (OKTAS), Visibility (0-39M, 40-190M, etc.), Wind Speed and Direction (Beaufort Force, Speed in Kt). Rows include stations like 5 ENGLAND SE 4 CENT., 7A ENGLAND NW 4 I.O.M., 8A WALES S DYFF.

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869 UDC 551 506 1(41-4)
JUNE 1974
 VOLUME 91 NUMBER 6



Changeable; thundery periods and fine spells

DUPLICATE ALSO

Atlantic fronts affected parts of the United Kingdom from time to time during the first three weeks. Between the fronts high-pressure systems were mostly weak but an anticyclone which crossed the country from the 11th to 14th was well developed. After the 20th pressure was usually high in the north although it declined on the last day but central and southern districts were often influenced by troughs from the south.

Weather

Changeable weather with occasional thundery outbreaks and a little hail alternated with drier spells. Thunderstorms were heaviest and most widespread over the Midlands and eastern and southern England, and intense rainfall sometimes led to flooding in a few localities. Snow fell on one or two days in northern Scotland and fog occurred frequently on southern and south-western coasts of England and Wales. Many places were sunny and some became very warm during the drier periods which were more prolonged in the north and north-west later in the month.

Wind

From the 1st to 11th westerly winds were often fresh or strong in western and northern districts and there were a few local gales. On the 6th strong to gale force winds occurred more widely and gusts of 50 kt or more were experienced in eastern districts of England. During the middle part of the month winds were mostly light or moderate and variable in direction but subsequently easterlies predominated and occasionally reached strong to gale force with gusts exceeding 50 kt in exposed places.

Temperature

Although monthly mean temperatures varied from near average to about 1 degC below average there were a few warm spells, chiefly in southern and western Scotland and in southern districts of England and Wales. The end of the second week was very warm in these areas and on the 15th Southampton, Mayflower Park had a maximum of 28.0°C. Warm weather was more widespread between the 20th and 25th and on the 21st temperatures reached 25°C or more in parts of Northern Ireland and in many districts of Great Britain well away from eastern coasts. Among the higher temperatures recorded on that day were: 27.2°C at Corpach (Inverness-shire), 26.2°C at Traad Point (Co. Londonderry) and 27.4°C at Valley (Gwynedd).

Rainfall

In Northern Ireland rainfall was mostly below average but in other areas rainfall

totals varied considerably from place to place. Broadly speaking, rainfall was above average in parts of western, northern and eastern Scotland and in many central, southern and south-eastern districts of England and Wales. A few places in eastern Scotland and also in southern England had about twice their average rainfall for the month. Other districts were rather dry and a few widely-separated places had less than half of their average rainfall. Showers or periods of rain occurred frequently during the first 10 days. Thunder and hail were mainly slight and scattered but on the 9th thunderstorms were widespread over southern and eastern districts of England and heavy in places. It was mostly dry from the 11th to 14th but during the following few days there were outbreaks of heavy rain in many districts and thunderstorms were widespread especially in the Midlands, eastern and southern England. Among the heavier falls was one of 75.3 mm recorded at Houghton Lodge (Hampshire) during the 24-hour period from 09 GMT on the 15th (a 'daily' fall). 'Daily' falls on the 16th included one of 95.7 mm at Ambrosden (Oxfordshire) and one of 62.0 mm at Pen-y-Fron, Trofarth (Clwyd). On the same day floods occurred in parts of the West Country and at Redfield near Bristol the water was reported to have been 4 ft deep for a time. During the last 10 days further thunderstorms with occasional hail affected central and southern districts of England and Wales from time to time while over northern England, Scotland and Northern Ireland rainfall was mostly slight and scattered although it became heavier and more frequent with local thunderstorms towards the end of the month. On the 27th in some coastal districts in south-eastern

England roads and buildings were flooded by sudden downpours. Such a fall occurred in Hastings (East Sussex) where 34 mm of rain were measured in 30 minutes, a fall classified as 'remarkable'. On the same day a 'daily' fall of 64.7 mm was measured at Petworth Park (West Sussex).

Sunshine

Monthly sunshine was mostly within 20 per cent of average but in the sunnier districts of north-western England and southern Scotland sunshine totals were 30 to 40 per cent above average. Sunny days were frequent in most places but the longest sunny period occurred from the 21st to 26th in many parts of Northern Ireland, western Scotland, western Wales and north-western England. Daily sunshine totals of 15 hours or more were measured on 4 successive days at Aldergrove (Co Antrim) and at Benbecula (Ross and Cromarty) there were over 16 hours of sunshine on each of 6 consecutive days.

Fog

Fog occurred infrequently during the first 10 days. Thereafter patches of fog at night were often reported in eastern and southern England and the Midlands. Sea fog also occurred more frequently, particularly along southern and south-western coasts of England and Wales and in the Channel Islands but the fog sometimes encroached on coasts bordering the North Sea. Hill fog occurred frequently in western districts of Great Britain and was widespread at times in heavy rain.

Miscellaneous Phenomena

Nil

Table 1 District values

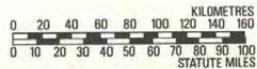
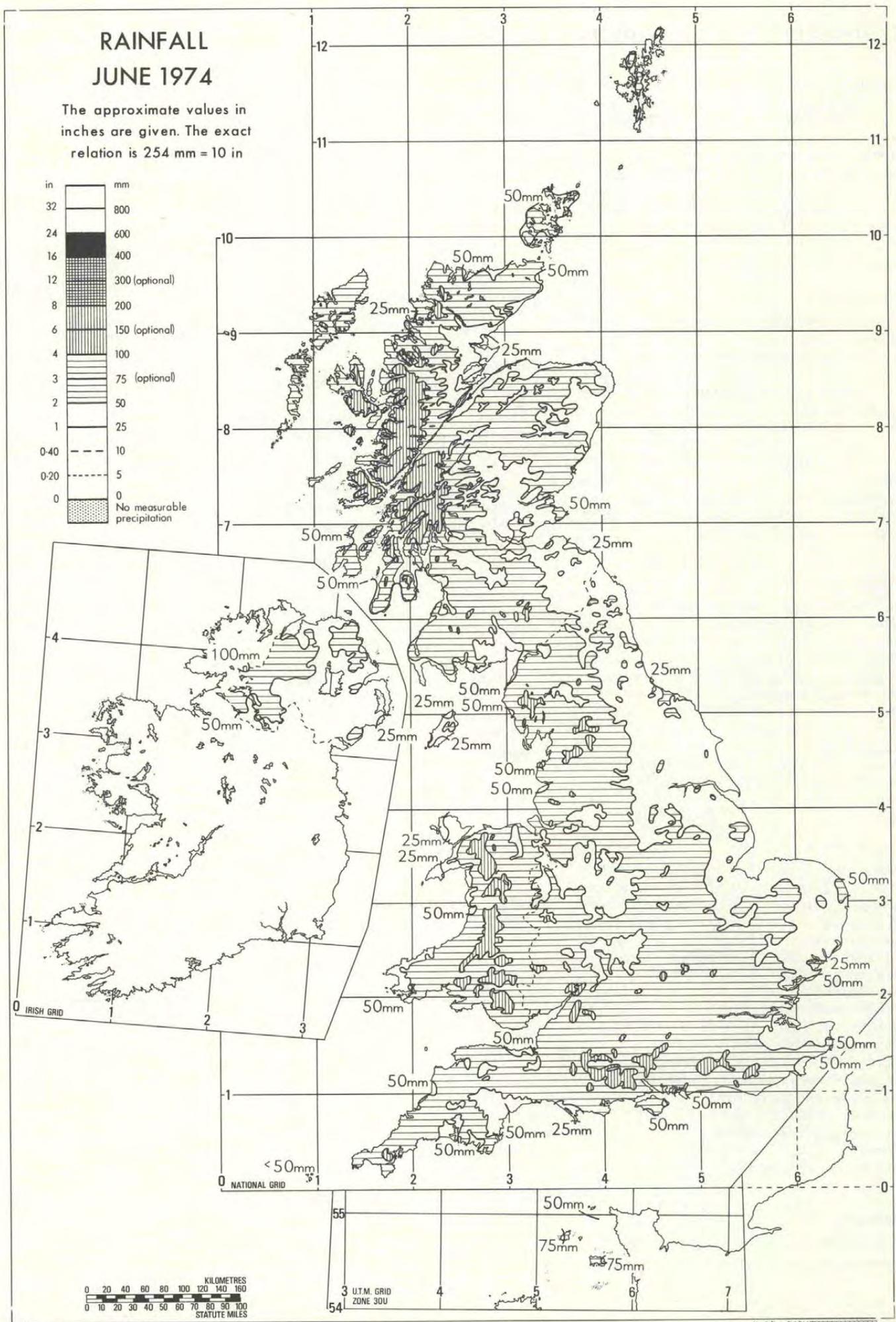
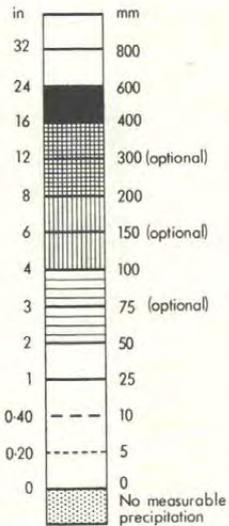
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	24.0	2.5	-0.1	-0.6	-0.3	-0.3	-2	83	107
1 Scotland E	23.1	3.3	-0.3	-0.4	-0.4	0.0	-1	85	102
2 England E & NE	23.7	-0.5	-1.1	-0.5	-0.7	0.0	-1	91	92
3 East Anglia	24.6	2.5	-1.0	-0.4	-0.7	-0.7	+1	103	95
4 Midland Counties	25.4	3.5	-1.1	-0.4	-0.7	-0.2	-1	113	98
5 England SE & Central S	26.1	2.1	-0.5	-0.4	-0.5	-0.2	+2	152	96
6 Scotland W	26.9	-1.2	-0.3	-0.7	-0.5	+0.2	-2	76	121
7 England NW & Wales N	27.4	0.6	-0.3	-0.5	-0.4	-0.8	-4	96	108
8 England SW & Wales S	26.5	3.3	-1.0	-0.6	-0.8	+0.5	+2	103	99
N Ireland	24.6	0.4	-0.6	-1.2	-0.9	-0.3	-2	60	103
Scotland	26.9	-1.2	-0.2	-0.6	-0.4	0.0	-2	81	110
England & Wales	27.4	-0.5	-0.8	-0.5	-0.6	-0.2	0	110	98

*Highest maximum and lowest minimum of District Value Stations.

Handwritten initials: FH 2 A

RAINFALL JUNE 1974

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



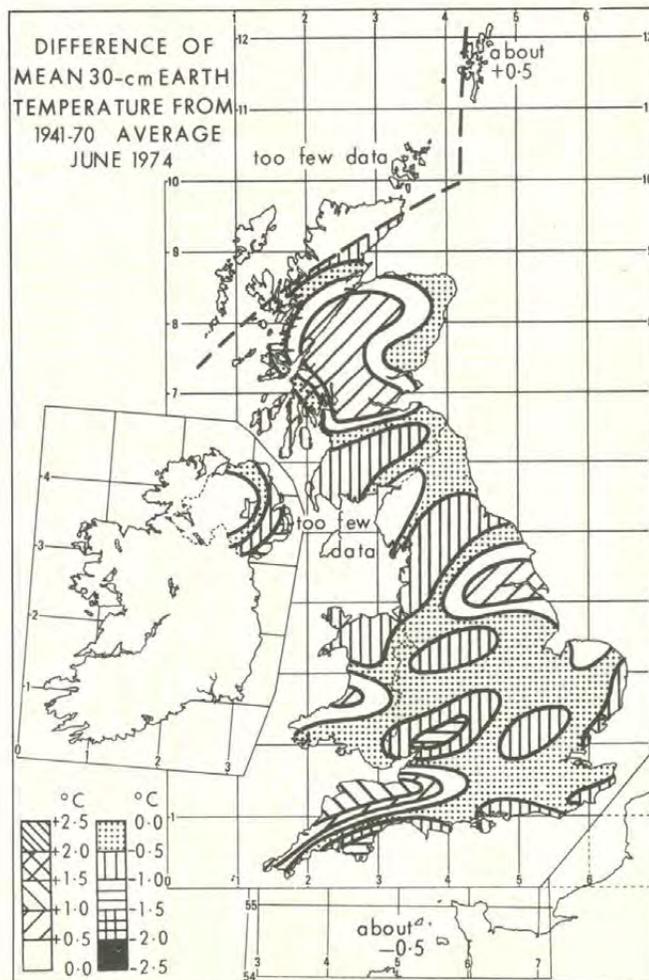
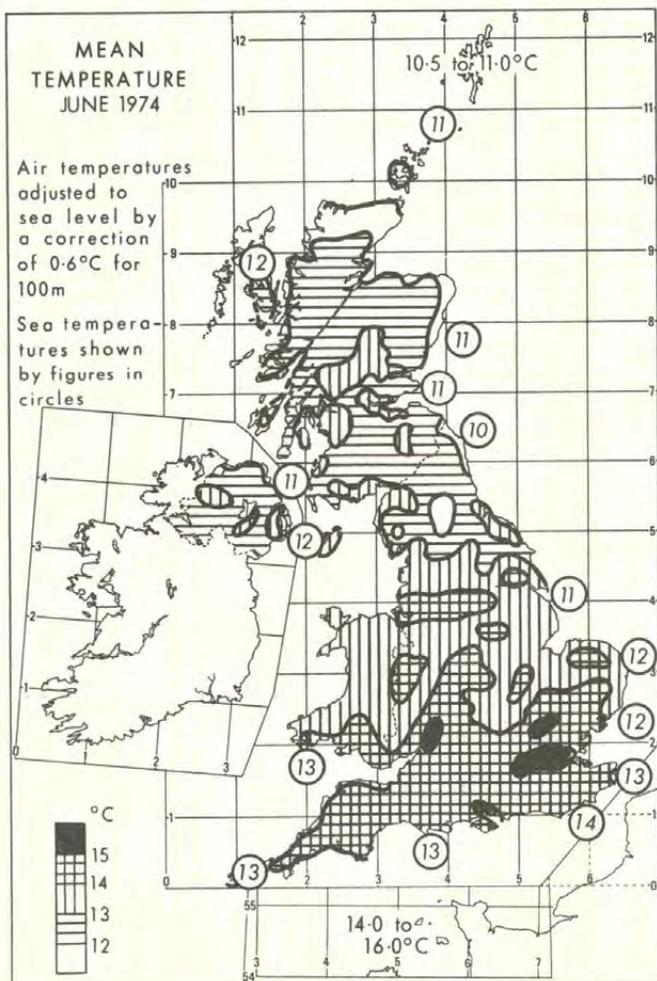
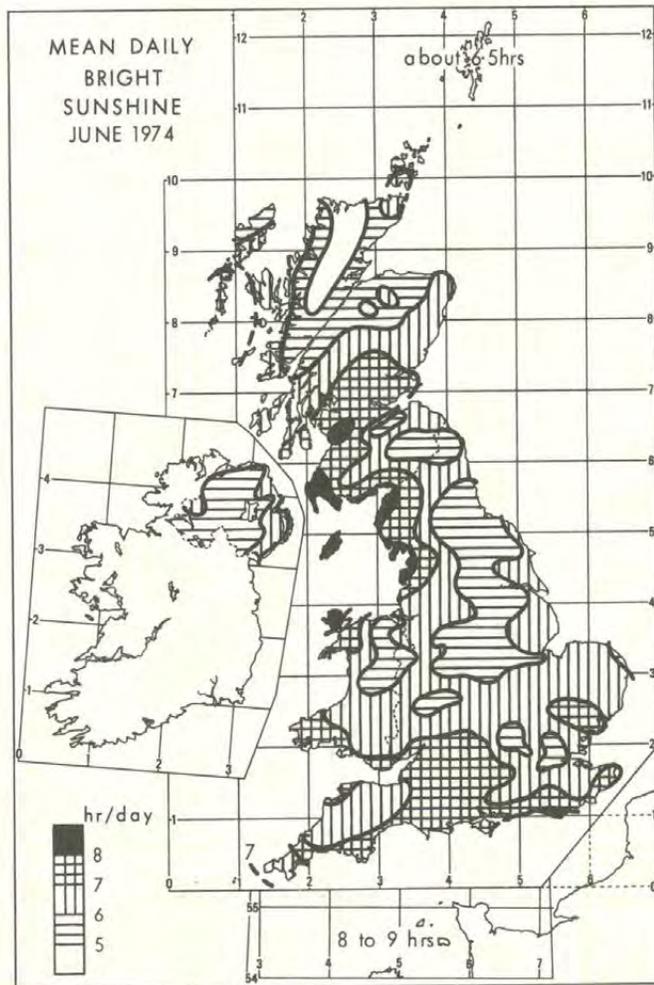
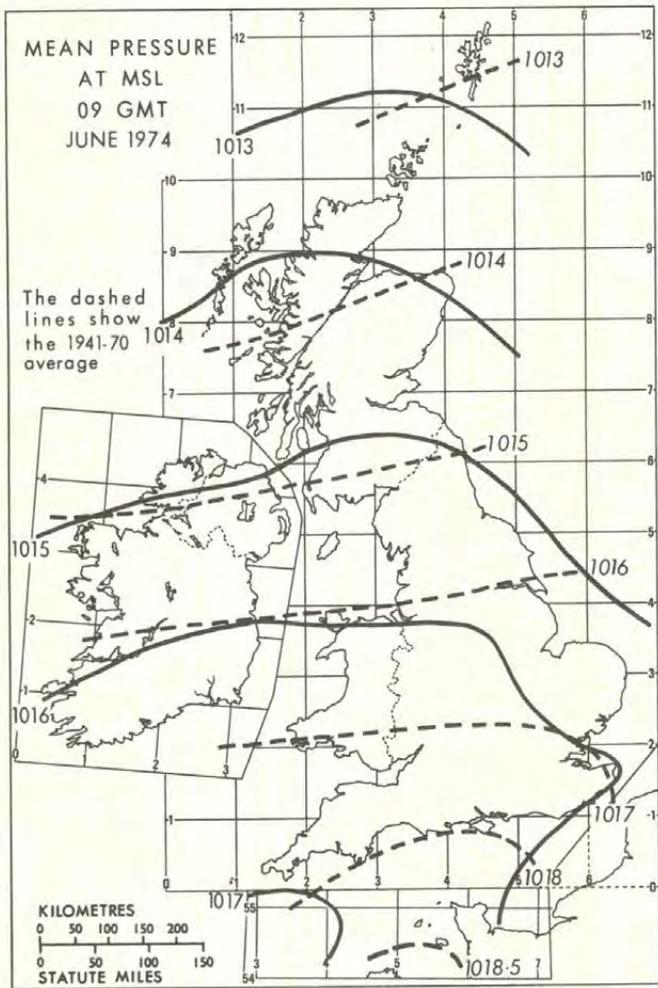


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL (HGMT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE									
			MEANS OF		DAILY MEAN (MEAN OF R-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN BELOW 0 DEG C	CONCRETE MIN BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE			AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE																
													TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE																		
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD	9 9	134	16.7	9.1	12.9	-0.8	23.9	20	5.8	14	13.5	11.9	56	106	12	8	12	8	0	0	0	0	0	0	0	0	0	0	0	5.67	91	5
BRAMHAM	9 9	54	17.4	8.0	12.7	-	23.2	21	2.8	28	-	-	35	-	8	7	12	10	0	0	1	0	0	0	0	0	0	0	0	0	0	0
HUDDERSFIELD																																
DAKES	21-9	232	17.0	8.6	12.8	-0.9	25.8	21	5.1	6	13.3	10.7	68	113	14	8	12	8	0	0	1	0	0	4	0	0	2	0	0	5.55	93	-
RAVENSKNOLLE	9 9	99	17.5	9.5	13.5	-0.6	24.0	20	5.7	14	14.8	12.9	57	117	14	8	11	7	0	0	0	0	3	1	0	0	0	0	0	5.56	96	-
ILKLEY	9 9	83	17.2	8.9	13.1	-0.8	24.0	20-21	3.4	28	-	-	69	125	21	16	13	9	0	0	2	0	0	0	0	0	0	0	0	6.17	103	-
PONTEFRAC	9 9	78	17.4	9.5	13.5	-0.6	23.1	21	5.7	4	-	-	50	106	11	28	12	10	0	0	0	0	2	2	0	0	0	0	-	-	-	-
WILSDEN	9 9	262	15.7	7.9	11.8	-	23.4	21	3.8	28	-	-	52	-	10	8	14	9	0	0	0	0	0	1	4	0	0	0	-	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	18.9	9.2	14.1	-	24.3	21	3.4	9	-	-	56	-	17	17	11	10	0	0	0	0	4	0	0	4	0	0	5.64	-	-	-
SHEFFIELD	9 9	131	17.7	9.8	13.7	-0.8	24.7	20	6.5	5.7	14.4	12.4	49	93	14	16	13	9	0	0	0	0	2	0	0	0	0	0	6.14	100	-	-
DERBYSHIRE																																
ASHOVER	9 9	186	17.2	8.9	13.1	-	23.4	14-21	3.5	4	-	-	48	-	14	16	16	10	0	0	0	0	2	0	0	0	0	0	5.82	-	-	-
BUXTON	9 9	314	15.6	8.3	11.9	-0.6	21.6	14	4.6	7.14	13.8	13.0	92	108	15	7	14	13	0	0	0	0	3	0	0	0	0	0	5.84	99	5	
DERBY	9 9	48	18.3	9.9	14.1	-	24.6	21	5.4	4	-	-	61	-	21	16	16	11	0	0	0	1	1	0	0	0	0	0	5.49	-	-	-
HACKWORTH	9 9	89	18.1	8.9	13.5	-	23.3	21	3.2	7	-	-	57	-	18	16	15	9	0	0	0	0	1	2	0	0	0	0	-	-	-	-
MORLEY	9 9	107	17.5	8.9	13.2	-	23.0	14	4.2	4	-	-	51	-	16	16	14	11	0	0	0	0	0	0	0	4	0	0	6.22	-	-	-
WINGERWORTH	9 9	126	17.2	8.6	12.9	-	23.4	20	2.7	4	14.4	-	48	-	21	16	15	10	0	0	0	0	3	1	0	2	0	0	5.47	-	-	-
NOTTINGHAMSHIRE																																
MANSFIELD	9 9	114	17.7	9.1	13.4	-0.9	23.5	14	5.5	7.14	14.5	-	56	-	15	16	18	12	0	0	0	0	2	0	0	0	0	0	-	-	-	-
NEWHORPE	9 9	58	17.8	9.1	13.5	-	23.5	20	3.8	4	-	-	63	-	30	16	13	8	0	0	0	0	0	0	0	0	0	0	-	-	-	-
NOTTINGHAM	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SUTTON BONINGTON	9 9	48	17.7	9.0	13.3	-0.9	22.9	14	4.7	5	13.4	12.0	70	-	26	16	14	10	0	0	1	0	2	2	0	0	3	0	5.65	91	-	-
WARSOP	9 9	46	18.4	8.6	13.5	-	24.4	20	2.5	1	-	-	43	-	15	16	13	7	0	0	0	2	2	0	0	4	0	0	5.69	-	-	-
WATNALL	21-9	117	17.6	9.2	13.4	-0.9	23.6	20	5.0	9	-	-	67	-	25	16	14	10	0	0	1	0	3	0	0	0	0	0	5.46	88	-	-
STAFFORDSHIRE																																
KEELE	9 9	179	16.7	8.6	12.7	-	23.1	21	3.0	7	13.1	11.0	59	-	13	7	16	13	0	0	0	2	4	0	0	2	0	0	5.84	-	-	-
DAKEN	9 9	125	18.2	8.7	13.5	-0.6	24.5	21	3.4	10	14.6	-	44	84	12	16	15	9	0	0	0	2	0	0	0	3	0	0	-	-	-	-
PENKRIDGE	9 9	101	(17.8)	8.7	(13.3)	-	24.4	21	3.2	6	-	-	38	-	11	16	12	8	0	0	0	1	2	0	0	0	0	0	-	-	-	-
STONE	9 9	107	17.3	8.3	12.8	-	23.7	21	1.8	10	-	-	38	-	10	16	16	10	0	0	1	0	1	0	0	0	0	0	6.19	-	-	-
LEICESTERSHIRE																																
CALDECOTT	9 9	52	18.3	8.4	13.3	-	23.3	20	2.0	1	-	-	54	-	17	16	11	8	0	0	0	0	1	0	0	0	0	0	6.32	-	-	-
NEWTOWN LINFORD	9 9	119	17.9	8.5	13.2	-	23.2	20-21	3.2	7	-	-	76	-	37	16	13	9	0	0	0	0	3	0	0	0	0	0	5.54	-	-	-
SALOP																																
NEWPORT	9 9	64	18.3	8.9	13.6	-0.3	24.6	21	3.1	5	-	-	48	100	23	16	13	8	0	0	0	1	3	0	0	3	0	0	5.87	94	-	-
OSWESTRY	9 9	174	16.8	9.1	12.9	-0.8	24.1	21	5.0	6	-	-	57	101	19	16	12	10	0	0	0	0	2	0	0	2	0	0	5.26	84	-	-
SHAWBURY	21-9	72	18.0	8.7	13.3	-0.8	25.6	21	2.6	9	-	-	39	-	11	16	13	7	0	0	0	1	2	0	0	6	0	0	6.09	94	-	-
SHREWSBURY	9 9	56	18.3	9.6	13.9	-0.8	24.9	21	4.8	5	15.3	14.1	39	-	12	16	11	6	0	0	0	0	2	0	0	0	0	0	6.44	102	-	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9	163	17.6	9.9	13.7	-0.8	23.9	21	5.6	7	11.8	-	42	77	11	26	16	10	0	0	1	0	3	0	0	1	0	0	6.05	98	-	-
ELMDON AIRPORT	21-9	96	18.1	9.0	13.5	-0.6	24.4	21	2.3	4	-	-	52	-	23	16	14	7	0	0	1	0	2	0	0	0	3	0	6.36	98	-	-
KING EDWARD SCHOOL	9 9	137	17.6	9.3	13.5	-	24.0	21	5.5	7	-	-	47	-	11	15	15	12	0	0	0	2	0	0	0	0	0	0	-	-	-	-
WARWICKSHIRE																																
LUDDINGTON	9 9	56	18.9	8.8	13.9	-	24.2	21	3.0	9	-	-	45	-	13	26	13	7	0	0	2	0	2	0	0	0	0	0	6.15	-	-	-
MORETON MORRELL	9 9	85	18.8	8.4	13.6	-	24.3	21	3.9	4	-	-	38	-	13	26	14	7	0	0	1	0	3	0	0	2	0	0	6.53	-	-	-
RUGBY	9 9	117	18.1	9.1	13.6	-1.0	23.2	21	4.7	9	15.1	13.5	73	-	20	16	14	9	0	0	0	0	2	0	0	0	0	0	-	-	-	-
SHIPSTON-ON-STOUR	9 9	111	18.1	9.0	13.5	-0.9	23.5	20	4.9	4.9	13.1	-	46	95	17	26	12	6	0	0	1	1	2	0	0	3	1	6.36	95	-	-	
STRATFORD-ON-AVON	9 9	49	(19.0)	(8.2)	(13.6)	(-0.9)	24.3	21	1.3	4	(15.2)	-	34	-	14	26	11	6	0	0	0	0	0	0	0	5	0	0	(6.26)	(99)	-	-
WELLESBOURNE	9 9	47	18.8	8.5	13.7	-	24.7	21	2.5	4	14.6	13.4	31	-	12	26	8	7	0	0	0	0	0	0	0	0	0	6.53	-	-	-	
NORTHAMPTONSHIRE																																
BUGBROOKE MILLS	9 9	69	(18.6)	(8.1)	(13.3)	-	24.4	15	2.3	1	(14.0)	(12.0)	57	-	20	16	13	10	0	0	0	0	0	0	0	0	0	0	-	-	-	-
RAUNDS	9 9	59	19.0	9.1	14.1	-0.6	24.1	16	3.5	4	15.4	12.2	62	127	22	16	13	10	0	0	1	0	1	0	0	0	0	0	6.27	99	-	-
HEREFORD &																																

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TEMPERATURE (HIGHT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS.ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETTING OF SURF	WETTING OF CONCRETE IN BELLEVUE DEPT C	GALE	DAILY MEAN	PERCENTAGE OF 1941-70 AVERAGE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE	0.2 MM OR MORE	1.0 MM OR MORE												
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	AMOUNT	DATE	0.2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS.ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETTING OF SURF	WETTING OF CONCRETE IN BELLEVUE DEPT C	GALE	DAILY MEAN	PERCENTAGE OF 1941-70 AVERAGE						
8A WALES S CONTINUED																														
WEST GLAMORGAN																														
WEST GLAMORGAN																														
MUMBLES HEAD	21-9	36	16.9	11.2	14.1		23.9	12	6.2	10																				
NEATH	9 9	62	18.0	11.0	14.5		25.3	21	4.4	4			80	96	17	26	15	13	0	0	0	0	0	0	0	0	0	0	0	0
PENMAEN	9 9	85	17.1	10.2	13.7		24.0	21	5.6	4			75	11	7	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0
PORT TALBOT	9 9	7	19.0	11.2	15.1		26.3	21	5.5	5			71	11	7	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0
SWANSEA	9 9	8	18.3	11.4	14.9	-0.3	26.5	21	7.0	4.10			72	102	24	26	15	11	0	0	0	0	0	0	0	0	0	0	0	0
MID GLAMORGAN																														
LLYNYON	9 9	242	16.5	8.5	12.5		23.5	21	2.0	4			89	89	12	26	17	11	0	0	0	0	0	0	0	0	0	0	0	0
PORTHCWL	9 9	6	17.7				25.5	21					82	17	16	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH GLAMORGAN																														
CARDIFF	9 9	62	18.7	10.4	14.5	-0.4	25.3	21	5.6	4	13.7	12.5	72	105	27	26	17	13	0	0	0	0	0	0	0	0	0	0	0	0
RHOOSE AIRPORT	21-9	67	17.8	9.7	13.7		26.7	21	4.2	5			57	13	26	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0
GWENT																														
CRUMLAND	9 9	245	17.0	8.5	12.7		23.3	21	3.8	10	13.5	12.1	65	18	26	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWPORT	9 9	23	18.8	9.1	13.9		25.7	21	3.2	7			77	23	26	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0
TREDEGAR	9 9	313											65																	
USK	9 9	21	18.7	8.6	13.7	-1.0	25.0	15.21	1.5	4	15.9		82	24	26	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0
8B ENGLAND SW																														
AVON																														
BATH	9 9	118	18.2	9.8	14.0		24.6	21	5.0	10	15.0		68	24	26	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0
FILTON	21-9	59	18.6	10.3	14.5	-0.4	25.8	21	5.4	4			80	28	15	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG ASHTON	9 9	51	18.7	9.7	14.2	-0.6	25.9	21	3.3	4	14.9		64	110	23	26	13	11	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET																														
CANNINGTON	9 9	23	18.8	10.1	14.5	-0.4	26.0	21	4.5	4	16.8		61	138	21	26	12	12	0	0	0	0	0	0	0	0	0	0	0	0
CHEDDAR	9 9	11																												
DOWNSIDE ABBEY	9 9	183	17.8	9.4	13.6		26.5	16	5.0	4			79	29	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTON	21-9	336	16.5	8.7	12.6		23.7	21	3.8	9			59	16	26	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0
HAWKRIDGE	9 9	314	16.2	8.6	12.4		22.5	22	2.4	5			56	13	26	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE	9 9	96	17.7	9.1	13.4		25.0	21	3.2	5	16.4		58	18	26	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0
RODNEY STOKE	9 9	40	18.5	9.7	14.1		25.5	21	4.6	5	15.6	13.2	69	26	26	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0
WINCANTON	9 9	114	18.5	8.8	13.7		25.8	15.21	2.9	26			95	30	26	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0
YEDEVILTON	21-9	18	19.2	9.5	14.3		25.8	15	2.9	10			90	31	26	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSET																														
BOURNEMOUTH																														
HURN AIRPORT	21-9	10	19.2	9.5	14.3		25.4	14	3.2	5.10			60	16	27	11	6	0	0	0	0	0	0	0	0	0	0	0	0	
MEYRICK PARK	9 9	40	18.5	10.4	14.5	-0.4	25.1	14	5.4	5	15.5	13.5	54	113	17	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0
CHRISTCHURCH	9 9	3	19.0	10.3	14.7		25.5	15	3.5	5			75	19	25	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0
POOLE	9 9	5	19.1	10.0	14.5	-0.6	25.2	14	4.6	9	16.1	14.7	53	15	26	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTLAND BILL (COASTGUARD)	21-9	53	16.1	11.2	13.7	-0.2	24.2	14	8.3	6			35	15	26	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0
SHAFTESBURY	9 9	207																												
SWANAGE	9 9	11	17.6	11.1	14.3	-0.3	23.1	14	5.8	9		14.5	53	123	13	25	11	11	0	0	0	0	0	0	0	0	0	0	0	0
WEYMOUTH	9 9	23	18.7	10.5	14.6		24.3	14	5.4	10			46	19	26	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0
WINFRIITH	9 9	26	18.5	9.7	14.1		24.5	14	2.5	5			95	46	26	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON																														
CHELDON BARTON	21-9	164	17.5	9.1	13.3		23.4	21	2.7	5	14.8		48	12	26	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0
CHIVENOR	21-9	6	17.9	10.7	14.3	-0.4	26.6	21	4.7	5			61	16	26	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0
EXETER AIRPORT	21-9	32	18.3	10.0	14.1	-0.6	24.9	15	3.4	5			41	9	26	12	3	0	0	0	0	0	0	0	0	0	0	0	0	0
EXMOUTH	9 9	59	18.0	10.8	14.4	+0.1	23.7	12	6.0	5			26	5	28	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0
HARTLAND POINT	21-9	91	15.4	11.3	13.3	-0.3	23.5	21	8.0	5			43	81	11	26	11	9	0	0	0	0	0	0	0	0	0	0	0	0
NEWTON ABBOT	9 9	83	17.8	10.4	14.1	-1.0	23.6	12	4.9	5	15.0		42	82	13	25	15	9	0	0	0	0	0	0	0	0	0	0	0	0
PLYMOUTH																														
MOUNT BRATTEN	21-9	27	17.2	11.1	14.1	-0.2	23.1	14.15	5.2	5			60	112	29	28	13	8	0	0	0	0	0	0	0	0	0	0	0	0
THE HOE	9 9	36																												
PRAWLE POINT	21-9	59																												
SIDMOUTH	9 9	10																												
SLAPTON	9 9	32	17.6	10.8	14.2		23.8	14.15	5.7	5			71	25	16	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0
STARCROSS	9 9	9	18.1	10.1	14.1	-0.3	23.3																							

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HGMT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0-2 MM OR MORE OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 100 DEG C	CONCRETE MIN. BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																		
			NORTHERN IRELAND																															
LONDONDERRY																																		
AGHANLID	9 9	18	17.0	7.9	12.5		24.5	23	3.5	28			37	11	30	13	10																	
BANAGHER (CAUGH HILL)	9 9	216	15.8	7.4	11.6		22.5	21.22	3.0	8			61	17	30	17	13																	
COLERAINE UNIVERSITY	9 9	23	16.3	7.3	11.8		24.7	21	0.6	28	12.9	10.8	39	15	30	14	9													5.95	100			
COOLKEERAGH	9 9	3																																
DERRYNOYD FOREST	9 9	88																																
CARVAGH FOREST	9 9	88	16.5	6.7	11.6		24.3	21	1.3	28	13.7	10.5	44	17	30	15	11																	
LOUGHMORRE FOREST	9 9	174	16.1	6.6	11.3		23.7	21	-1.4	28			65	16	30	18	14																	
MONEYDIG	21-9	34	17.0	6.8	11.9	-1.1	24.6	21	0.4	28	14.3		43	57	19	30	16	10																
SOMERSET FOREST	9 9	43	17.5	7.2	12.5		24.6	21	1.1	28			34	16	30	13	7																	
TRAOD POINT	9 9	16	17.3	7.9	12.6		26.2	21	3.2	11			31	10	30	14	12																	
ANTRIM																																		
ALDERGROVE AIRPORT	21-9	68	17.1	8.4	12.7	-0.6	23.9	21	4.5	10	14.3	11.3	49	17	30	15	11																	
ALTAHINCH	9 9	226	14.9	7.1	11.0		22.5	21	2.5	28			72	20	30	16	13																	
BALLYLUMFORD	9 9	24	16.9	8.4	12.7		21.6	30	5.5	6			45	8	30	10	8																	
BALLYMONEY	9 9	55	17.1				22.1	22					45	15	30	15	11																	
BALLYPATRICK FOREST	9 9	152	15.4	7.0	11.2		21.3	20	1.5	28			53	18	30	18	14																	
GREENMOUNT	9 9	32	17.2	7.0	12.1		23.6	21	1.9	11	14.6		41	14	30	12	11																	
KILROO	9 9	22	16.6	8.3	12.5		21.4	23	4.4	10			35	13	30	14	9																	
LARNE	9 9	43	17.3	8.3	12.8		22.8	21	5.2	10			34	9	30	14	9																	
LISNAFILLAN	9 9	38	16.5	7.5	12.0		23.0	21	4.2	11.16			36	10	30	15	10																	
LOWTOWN	9 9	271	14.4	6.7	10.5		20.8	21	3.3	4.27	11.2		57	17	30	16	13																	
MALUSK (HYDE PARK)	9 9	134	16.1	7.1	11.6		21.5	21	4.0	10.16			44	17	30	13	11																	
PARKMORE FOREST	9 9	235	14.3	6.7	10.5		20.5	21	2.5	28	12.0		77	21	30	15	14																	
WOODBURN NORTH	9 9	217	14.9	6.8	10.9		20.5	21	3.3	28			46	16	30	14	12																	
BELFAST																																		
MALONE	9 9	35																																
MILLTOWN	9 9	37	17.7	8.3	13.0		24.3	21	4.8	6			34	16	30	13	9																	
NEWTOWNABBEY	9 9	32	16.4	9.6	13.0		20.6	30	5.9	6	14.5		39	17	30	13	9																	
ROSEBANK	9 9	47	17.4	8.4	12.9		23.3	21	5.4	6			32	15	30	9	6																	
ROSETTA	9 9	24	17.4	8.6	13.0		23.4	21	4.6	6			34	13	30	13	8																	
STORMONT CASTLE	9 9	56	16.8	8.5	12.7		22.8	21	4.5	6	14.3	12.3	33	13	30	12	7																	
DOWN																																		
BALLYWALTER PARK	9 9	11											52	28	30	13	7																	
COMBER CEMETERY	9 9	11	17.4	7.8	12.6		22.5	23	4.0	14			39	17	30	13	7																	
CREIGHTONS GREEN	9 9	119	15.5	6.8	11.1		23.0	21	3.0	10.18			40	14	30	12	10																	
DOWNPATRICK	9 9	26	17.1	8.6	12.9		23.2	21	4.7	10			41	21	30	13	6																	
HELENS BAY	9 9	43	17.0	8.8	12.9		20.2	30	5.3	6			34	15	30	12	8																	
HILLSBOROUGH	9 9	116	16.3	7.6	11.9	-0.9	23.0	21	4.2	6	12.7	10.5	41	15	30	15	10																	
KILKEEL	21-9	18	15.6	8.8	12.2		22.4	21	5.6	6			24	6	30	10	10																	
KILLOUGH	21-9	15																																
MURLOUGH	9 9	9	16.8	7.9	12.3		23.2	21	3.7	10	13.2	11.8	35	16	30	12	8																	
NEWRY ABBEY	9 9	10																																
ARMAGH																																		
ARMAGH	9 9	62	17.1	8.2	12.7	-1.0	24.6	21	4.4	10	15.6	13.8	50	15	30	14	12																	
LOUGHGALL	9 9	25	16.8	7.9	12.3		24.3	21	4.7	8.10			36	12	30	13	10																	
LURGAN	9 9	55	17.3	8.3	12.8		24.0	21	4.9	10	14.1	12.2	43	17	30	14	8																	
PORTADOWN	9 9	16	17.3	8.4	12.9		25.0	21	4.6	27	14.3	12.7	36	12	30	15	7																	
TANDRAGEE	9 9	43	17.9	7.6	12.7		25.8	21	4.1	27			37	15	30	11	9																	
TYRONE																																		
BARONSCOURT FOREST	9 9	88																																
CARRIGANS	21-9	113	16.8	7.8	12.3		24.8	21	2.5	28			66	21	30	17	11																	
COOKSTOWN	9 9	77	16.8	6.8	11.8		25.7	21	3.4	6.8	13.3		28	8	30	14	12																	
KNOCKMANY FOREST	9 9	73																																
LISLAP FOREST	9 9	209																																
LOUGH BRADAN	9 9	169	15.9	7.0	11.																													

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE 1974

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 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF MET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY						BEAUFORT FORCE					SPEED (KT)												
									0	1-2	3-5	6-7	8	SKY OBSCURED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-39M	10-19M	20-39M	40M AND OVER	0-39M	4-7	8-10	11-16	17-24	25-32	0	N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																						
6 SCOTLAND N -CONTO. DUMFRIESHIRE																																						
ESKDALEHAIR 237	3	1015.7	-	7.2	0.8	9.3	90	5.8	1	2	4	6	6	12	1	0	0	1	2	0	4	8	3	11	1	0	0	6	14	10	8	1	0	0	3	3	5	0
	9	1015.3	+0.4	11.7	2.4	10.3	74	6.1	1	2	2	3	15	8	0	0	0	0	0	0	1	2	5	9	7	0	0	13	15	2	5	1	1	0	3	4	1	
	15	1014.8	-	13.9	3.4	10.7	67	6.0	0	0	3	17	8	6	0	0	0	0	0	0	1	2	5	11	11	0	0	17	10	2	2	1	1	0	3	4	7	1
	21	1015.5	-	9.9	1.6	10.0	81	5.0	0	7	8	12	5	0	0	0	0	0	0	0	1	2	6	14	7	0	0	7	16	7	8	1	0	0	3	4	6	1
2 ENGLAND E & NE NORTHUMBERLAND																																						
ACKLINTON 46	3	1015.0	-	8.7	0.6	10.4	92	5.5	2	5	3	9	11	0	0	0	0	2	1	1	4	7	11	4	0	0	4	19	7	7	0	0	0	1	5	9	1	
	9	1015.2	+0.1	13.0	2.0	11.6	77	6.0	1	3	6	10	10	0	0	0	0	2	1	0	4	2	9	14	0	0	1	10	19	0	8	3	1	4	1	6	8	
	15	1015.1	-	14.6	2.6	12.1	73	5.7	1	4	5	11	9	0	0	0	0	1	0	0	4	4	10	11	0	0	0	12	18	0	6	3	2	7	1	4	7	0
	21	1015.2	-	11.1	1.2	11.4	86	5.6	0	4	8	9	8	1	0	0	1	0	0	2	1	6	10	10	0	0	0	1	25	4	7	0	2	2	2	2	10	1
SEAHOUSES 12	3	1014.4	-	9.6	1.2	10.1	84	6.1	0	5	2	11	11	1	0	0	0	1	0	3	5	6	5	15	0	0	0	6	20	4	7	0	0	0	7	5	6	1
	9	1014.7	-	12.5	2.2	10.8	75	5.8	1	4	3	14	8	0	0	0	0	2	2	4	5	8	16	1	0	0	0	15	17	0	8	2	1	3	4	3	7	2
	15	1014.6	-	13.5	2.3	11.6	75	5.8	1	4	4	13	8	0	0	0	0	2	0	9	3	14	2	0	0	0	1	10	19	0	7	2	2	4	5	1	6	3
	21	1014.7	-	11.7	1.6	11.2	81	5.8	0	1	10	9	9	1	0	1	0	1	2	6	3	17	0	0	0	0	0	7	20	3	8	0	0	1	7	5	6	0
TYNE & NEAR TYNEMOUTH 40	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	1015.4	-0.1	12.2	1.5	11.7	82	5.9	1	2	9	6	12	0	0	0	0	2	2	2	1	13	0	0	0	0	1	13	15	1	9	0	4	3	2	1	9	1
	15	1015.3	-	15.6	1.8	12.4	80	6.2	1	2	7	7	13	0	0	1	0	0	2	5	6	16	0	0	0	0	0	21	8	1	9	0	1	3	4	0	9	0
	21	1015.2	-	12.1	1.3	12.0	85	5.6	1	2	10	9	8	0	0	0	0	1	4	16	9	0	0	0	0	0	0	11	18	1	8	2	1	3	4	2	11	0
NORTH YORKSHIRE LEEMING 33	3	1015.0	-	9.6	1.0	10.5	87	5.8	1	4	5	7	13	0	0	0	0	2	0	3	3	5	8	9	0	0	3	22	5	8	0	0	2	4	3	4	4	
	9	1015.7	-0.1	13.3	2.5	11.0	72	5.7	2	3	12	10	0	0	0	0	1	1	3	7	5	13	0	0	0	0	9	20	1	7	2	2	3	1	4	6	4	
	15	1015.3	-	15.7	3.8	11.1	62	6.0	0	3	8	9	10	0	0	0	0	4	8	6	12	0	0	0	0	0	14	16	0	4	6	2	3	4	2	9	0	
	21	1015.7	-	12.6	2.1	11.2	76	6.1	1	4	2	11	12	0	0	0	0	1	6	5	7	11	0	0	0	0	6	24	0	9	2	0	4	4	2	8	1	
WHITBY C.O. 66	3	1015.1	-	9.8	0.8	10.9	89	6.2	0	3	6	7	14	0	0	0	0	0	0	6	14	9	0	0	0	0	0	9	19	2	5	1	2	0	9	4	5	2
	9	1015.3	-	12.3	1.6	11.7	82	5.9	1	2	7	8	12	0	0	0	0	1	6	12	11	0	0	0	0	0	2	14	12	2	5	2	1	3	3	6	6	
	15	1015.1	-	13.7	2.1	11.9	77	5.7	1	3	7	10	8	1	1	0	0	0	5	8	14	2	0	0	0	0	0	19	10	1	2	5	4	3	2	0	6	7
	21	1015.2	-	12.0	1.5	11.6	82	5.5	0	4	9	6	11	0	0	0	0	1	5	10	12	2	0	0	0	0	0	13	15	2	5	2	0	2	5	5	4	
HUMBERSIDE KILNSER 16	3	1015.2	-	11.0	0.9	11.7	88	6.1	0	3	7	7	13	0	0	0	0	1	0	2	1	26	0	0	0	0	2	11	14	3	6	5	2	1	4	2	5	2
	9	1015.5	-0.7	12.9	1.8	12.0	80	5.9	0	2	10	7	11	0	0	0	0	0	0	6	23	0	0	0	0	0	4	13	8	5	7	5	2	0	1	4	4	2
	15	1015.2	-	14.7	2.5	12.3	74	5.5	1	2	11	11	5	0	0	0	0	2	3	25	0	0	0	0	0	0	2	14	10	4	12	1	2	1	4	3	2	
	21	1015.4	-	12.4	1.2	12.4	86	5.9	1	2	7	10	9	1	0	0	0	1	4	24	0	0	0	0	0	0	1	12	13	4	6	3	2	1	2	1	9	2
LINCOLNSHIRE BINBROOK 112	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HADDINGTON 70	3	1015.4	-	10.0	0.7	11.2	90	5.3	1	9	0	9	11	0	0	0	0	1	3	1	7	9	2	0	0	0	3	27	0	4	6	1	3	2	5	6	3	
	9	1015.7	-0.7	13.5	2.1	12.0	76	6.2	0	2	6	12	10	0	0	0	0	0	0	5	7	16	2	0	0	0	10	20	0	6	4	3	1	0	6	6	4	
	15	1015.2	-	16.4	3.5	12.2	66	5.9	0	4	6	13	7	0	0	0	0	0	3	4	21	2	0	0	0	0	15	15	0	4	7	3	0	1	2	12	1	
	21	1015.7	-	12.3	1.5	11.7	82	5.7	2	3	5	11	9	0	0	0	0	1	5	3	19	2	0	0	0	0	4	24	2	1	7	5	1	0	3	9	2	
3 EAST ANGLIA NORFOLK																																						
COLTISHALL 17	3	1015.1	-	10.5	0.9	11.4	89	5.7	1	7	2	6	13	1	0	1	1	2	1	3	3	11	8	0	0	0	4	22	4	5	7	2	0	1	4	7	0	
	9	1015.5	-	14.4	2.7	11.7	71	6.5	0	2	3	15	10	0	0	0	0	2	3	8	11	6	0	0	0	0	13	17	0	7	4	1	1	4	3	5	5	
	15	1015.0	-	18.5	3.9	11.5	61	6.2	1	1	5	17	6	0	0	0	0	0	1	7	17	5	0	0	0	0	18	14	0	8	7	2	0	1	5	5	2	
	21	1015.3	-	12.4	1.5	12.0	83	5.7	1	4	5	9	11	0	0	0	0	1	2	7	8	10	2	0	0	0	4	23	2	7	5	2	0	3	3	4	4	
GORLESTON 8	3	1015.1	-	11																																		

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED								HIGHEST VALUES													
	ABOVE ASL	ABOVE GROUND EFFECTIVE HEIGHT	34 KT OR MORE (GALE FORCE)				22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HIGHEST HOURLY WIND		HIGHEST GUST											
			DATES OF OCCURRENCE								NUMBER OF HOURS	NUMBER OF RECORDS	YEAR MONTH	HOUR BEGINNING	YEAR MONTH	HOUR BEGINNING	DAY AND TIME							
			NUMBER OF HOURS	NUMBER OF RECORDS	NUMBER OF HOURS	NUMBER OF RECORDS	NUMBER OF HOURS	NUMBER OF RECORDS	NUMBER OF HOURS	NUMBER OF RECORDS														
3 EAST ANGLIA																								
NORFOLK	COLTISHALL	27 10 10								0	1	5 225	393	85	12	8.8	250	25	6 13	270	39	6	1348	
	GORLESTON	16 13 13								0	2	4 362	307	42	5	10.6	040	23	27 04	250	49	6	1454	
	MARHAM	29 10 10								0	1	5 237	408	70	0	8.9	240	25	6 12	250	44	6	1306	
	WEST RAYNHAM	93 16 14								0	1	12 367	306	35	0	10.8	240	27	6 12	250	49	6	1400	
CAMBRIDGESHIRE	WITTERING	83 10 10								0	0	0 263	399	58	0	9.2	270	20	6 15	280	39	6	1442	
SUFFOLK	HONINGTON	60 13 13								0	1	2 189	486	43	0	8.8	260	22	6 12	270	47	6	1554	
	WATTISHAM	105 17 10								0	1	8 216	429	67	0	8.9	240	26	6 14	240	54	6	1400	
BEDFORDSHIRE	BEDFORD	94 13 9								0	3	14 365	310	31	0	10.8	250	29	6 12	280	54	6	1636	
	CARDINGTON	70 41 41								0	1	8 292	372	48	0	9.7	280	29	6 15	260	45	6	1318	
HERTFORDSHIRE	GARSTON	94 15 10								0	0	0 23	556	141	0	5.6	250	17	6 12	260	37	6	1400	
	ROTHAMSTED	141 13 10								0	0	0 10	450	260	0	4.6	270	17	6 13	270	42	6	1312	
ESSEX	SHOEBURYNESSE	36 32 28								0	2	6 451	248	9	6	11.8	250	25	6 14	260	46	6	1454	
	STANSTED	108 10 10								0	0	0 70	490	160	0	6.3	270	20	6 13	280	52	6	1442	
4 MIDLAND COUNTIES																								
SOUTH YORKSHIRE	FINNINGLEY	19 10 10								0	3	7 159	438	116	0	8.0	300	24	6 18	290	37	6	1218	
	SHEFFIELD	160 25 11								0	0	0 37	330	353	0	4.1	300	16	11 10	290	41	6	1412	
NOTTINGHAMSHIRE	WATNALL	130 13 10								0	0	0 250	409	61	0	8.9	240	21	6 07	240	43	6	1224	
STAFFORDSHIRE	KEELE	215 15 10								0	0	0 33	404	283	0	4.7	240	16	6 11	240	37	6	1042	
LEICESTERSHIRE	COTTESMORE	143 13 13								0	3	12 321	342	36	9	10.3	250	28	6 13	260	42	6	1318	
SALOP	SHAMBURY	84 12 10								0	1	4 147	438	128	3	7.6	270	25	6 12	270	40	6	1248	
WEST MIDLANDS	BIRMINGHAM																							
	EDGBASTON	196 36 22								0	0	0 91	458	171	0	6.7	280	20	6 13	280	43	6	1306	
	ELMDON AIRPORT	104 10 10								0	1	8 188	428	96	0	8.4	240	27	6 12	250	44	6	1236	
HEREFORD & WORCS	PERSHORE	47 10 10								0	1	6 221	382	111	0	8.4	280	27	6 13	280	46	6	1312	
GLOUCESTERSHIRE	FAIRFORD	88 10 10								0	1	8 262	369	81	0	9.1	260	30	6 12	250	45	6	1212	
OXFORDSHIRE	ABINGDON	90 12 12								0	1	2 114	483	121	0	7.4	250	24	6 12	250	39	6	1330	
	BRIZE NORTON	91 13 10								0	1	1 198	417	104	0	7.9	260	22	6 14	250	38	6	1230	
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																								
GREATER LONDON	HAMPTON	42 31 30								0	1	8 130	448	134	0	7.4	270	27	6 15	260	44	6	1248	
	HEATHROW AIRPORT	34 10 10								0	0	0 177	497	46	0	8.4	280	21	6 14	290	37	6	1548	
	KEW	28 23 15								0	1	1 177	442	100	0	8.1	250	22	6 13	260	42	6	1554	
	LONDON WEATHER CENTRE	93 70 38								0	1	10 336	355	19	0	10.4	250	28	6 15	250	50	6	1400	
	POST OFFICE TOWER	174																						
WILTSHIRE	BOSCOMBE DOWN	130 17 17								0	1	4 256	376	84	0	8.9	290	26	6 13	280	41	6	1312	
	LARKHILL	145 13 10								0	1	7 292	331	90	0	9.2	260	27	6 13	270	47	6	1636	
	MIDDLE WALLOP	94 10 10								0	1	5 213	419	83	0	8.6	280	26	6 13	280	40	6	1348	
	PORTON	120 10 10								0	1	8 290	359	63	0	9.6	270	27	6 13	280	42	6	1342	
KENT	DUNGENESS	16 10 10								0	5	23 516	160	21	0	13.0	280	28	6 15	290	49	6	1506	
	ISLE OF GRAIN	15 12 10																						
	MANSTON	62 18 18								0	2	8 413	283	16	0	11.1	230	24	6 13	230	37	6	1154	
HAMPSHIRE	FARNBOROUGH	75 10 10								0	0	0 102	497	121	0	6.7	280	21	6 13	290	42	6	1536	
WEST SUSSEX	GATWICK AIRPORT	69 10 10								0	1	5 159	451	105	0	7.8	260	24	6 14	270	40	6	1454	
	THORNEY ISLAND	16 10 10								0	1	1 263	410	46	0	9.3	250	22	6 14	250	40	6	1100	
7A ENGLAND NORTHWEST AND ISLE OF MAN																								
CUMBRIA	CARLISLE	41 13 9								0	0	0 248	358	114	0	8.4	240	21	2 14	240	36	2	0054	
	GREAT DUN FELL	857 10 10	1-3 7 10 11							26	18	184 308	182	20	0	17.0	220	45	1 23	220	60	1	2118	
	MOOR HOUSE	595 13 12								0	4	23 108	176	395	18	5.4	290	29	11 12	290	44	11	0648	
	SELLAFIELD	25 12 11																						
LANCASHIRE	FLEETWOOD	34 15 9								0	3	17 186	259	258	0	7.3	310	26	11 05	300	46	6	1236	
	SQUIRES GATE AIRPORT	22 12 11								0	5	28 317	341	34	0	10.8	240	26	6 08	240	39	6	0842	
MERSEYSIDE	AIGBURTH	38 23 11								0	1	6 173	412	100	29	8.2	280	25	6 15	290	43	6	1336	
	SOUTHPORT	19 14 11								0	2	22 199	299	197	3	8.0	210	25	6 15	200	39	6	0436	
	SPEKE AIRPORT	30 10 10								0	1	5 225	415	75	0	8.9	310	26	6 12	310	42	6	1236	
GREATER MANCHESTER	MANCHESTER																							
	RINGWAY AIRPORT	80 10 10								0	1	1 214	374	131	0	8.1	280	22	6 13	270	36	6	1442	
	WEATHER CENTRE	82 45 17								0	0	0 216	405	99	0	8.3	280	20	6 16	320	40	6	1330	
ISLE OF MAN	POINT OF AYRE	20 10 10								0	7	27 407	254	28	4	12.2	180	28	1 18	180	43	1	1824	
	RONALDSWAY	25 10 10								0	1	3 297	342	78	0	9.3	210	22	1 23	290	36	6	1518	
7B WALES NORTH																								
GWYNEDD	VALLEY	26 16 12								0	9	34 392	271	23	0	12.3	280	29	6 10	280	43	6	1036	
8A WALES SOUTH																								
DYFED	ABERPORTH	144 10 10								0	1	7 255	419	39	0	9.5	260	26	6 10	270	36	6	1036	
	MILFORD HAVEN	47 10 10								0	1	1 227	458	34	0	9.0	260	22	6 00	240	45	6	0030	
WEST GLAMORGAN	PORT TALBOT	28 12 11								0	1	17 248	309	146	0	8.4	270	28	6 10	270	44	6	1054	
SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10								0	1	9 294	345	72	0	9.7	280	26	6 13	280	40	6	1406	
8B ENGLAND SOUTHWEST																								
DORSET	HURN AIRPORT	23 13 11								0	1	1 193	459	67	0	8.5	260	22	6 14	270	39	6	1054	
	PORTLAND BILL CG	60 13 13								0	3	23 423	246	28	0	12.3	290	26	6 10	290	42	6	1054	
DEVON	CHIVENOR	22 16 13								0	1	12 264	324	120	0	8.9	280	26	6 10	280	45	6	0748	
	MOUNT BATTEN	64 13 13								0	4	15 290	339	76	0	9.7	280	25	6 14	280	46	6	1006	
CORNWALL	LIZARD	96 23 18								0	11	91 376	216	37	0	13.5	310	31	6 10	010	48	9	2000	
	ST MARGAN	120 13 13								0	3	34 374	261	51	0	11.6	120	27	21 12	300	45	6	0912	
	SCILLY (ST. MARY'S)	70 20 17								0	7													

MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869 UDC 551 506 1(41-4)

JULY

1974

VOLUME 91

NUMBER 7

Changeable and cool.

Fronts from the Atlantic frequently affected the United Kingdom. Major centres of low pressure remained mostly to the north but smaller depressions which were sometimes associated with frontal waves crossed parts of the country from time to time. The intervening ridges of high pressure were usually only weakly developed.

Weather

During a generally cool month showers or periods of rain occurred frequently and in some districts were occasionally heavy and prolonged. However, there were sunny days as well. Thunder and hail were reported at times and a little snow fell over the Highlands of Scotland. Hill and coast fog were often widespread, especially in western Wales and in south-western England.

Wind

The predominantly westerly winds were often fresh or strong and there were a few local gales, particularly in coastal districts and over high ground. On the 1st a mean hourly wind speed of 66 kt and a gust of 82 kt were recorded at the high-level station at Snaefell (Isle of Man).

Temperature

Over most of the country, monthly mean temperatures were from 0.5 to 1.5 degC below average. There were only two short warm spells. The first of these occurred during part of the second week in the Midlands and in most of eastern and southern England including the Channel Islands. Jersey, St Helier had a maximum temperature of 26.3°C on the 8th. During the period from the 19th to 22nd warm weather prevailed more generally although the higher temperatures occurred in eastern Scotland and in eastern, central and southern districts of England and Wales. On the 20th, the temperature rose to 26.4°C at Littlehampton (West Sussex) and on the 21st, Aldenham School (Hertfordshire) had a maximum of 25.9°C. Temperatures of 25°C or more were again recorded in parts of eastern and southern England on the 22nd.

Rainfall

Monthly rainfall totals were near or above average in the southern half of Northern Ireland, in most of northern Scotland and in parts of southern Scotland. It was also wet in most districts of Wales, in northern England and the Midlands and in one or two localities in southern England and East Anglia. A few places in North Wales and north-western England had about double their normal rainfall. Remaining districts were drier and in small areas of eastern Scotland, East Anglia and south-western England rainfall totals were 50 per cent of average or even less. Showers or outbreaks of rain were sometimes heavy and prolonged particularly in Wales and in some western and northern districts of England and Scotland. Isolated thunderstorms were reported and there were occasional hail showers. During widespread rain on the 2nd falls of 50 mm or more were recorded in the 24 hours from 09 GMT at stations in Wales. Llantrisant (Mid Glamorgan) had 62.0 mm and Neuadd Reservoir (Powys) had 58.0 mm. Two days later there were heavy falls in northern districts of England and Wales and 57.2 mm of rainfall accumulated in a similar period at Revesby Reservoir (Lincolnshire). On the 30th, rain was heavy in places during the passage of a wave depression across central areas of Great Britain and a 24-hour fall of 63.0 mm was recorded at Minafon (Gwynedd).

Sunshine

Sunshine totals for the month were mostly between 70 and 100 per cent of average.

However, parts of northern and eastern Scotland were sunny and in one or two places totals reached 120 to 130 per cent of average. There were other sunny districts in the Midlands and eastern England but some places in South Wales and in south-western England had less than 70 per cent of their normal sunshine. There were no prolonged sunny spells but most places had some sunny days during the month. On the 1st Falmouth (Cornwall) had 15.6 hours of sunshine and on the 17th Ringway (Greater Manchester) and Squires Gate (Lancashire) each recorded 15.0 hours of sunshine.

Fog

A notable feature of the weather during the month was the frequent occurrence of fog on the high ground and on the coasts of Wales and south-western England including the Channel Islands. Sometimes the hill fog was more widespread especially in heavy rain. Fog also affected coastal districts of eastern and northern Scotland on a few days and occasional patches of fog developed at night chiefly in inland areas of Scotland and England but these usually dispersed soon after dawn.

Miscellaneous Phenomena

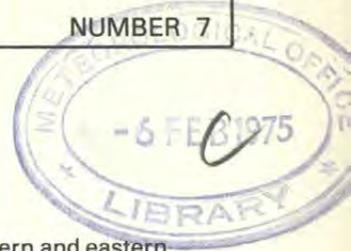
Four waterspouts were observed to the west of Hartland Point (Devon) during the afternoon of the 12th. The aurora was seen on 6 nights by observers in Scotland.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	18.9	4.0	-0.5	-1.0	-0.7	-0.5	+7	106	95
1 Scotland E	23.4	5.2	-0.6	-0.7	-0.7	-0.3	+3	86	101
2 England E & NE	24.8	3.7	-0.8	-0.7	-0.7	-0.7	0	110	87
3 East Anglia	25.9	5.5	-0.9	-0.6	-0.7	-1.1	+1	81	98
4 Midland Counties	24.9	6.0	-1.3	-0.3	-0.8	-0.7	+2	98	97
5 England SE & Central S	25.0	5.2	-1.4	-0.5	-1.0	-0.8	0	86	95
6 Scotland W	20.0	3.3	-1.2	-0.4	-0.8	-0.3	+5	93	97
7 England NW & Wales N	22.1	4.9	-1.4	-0.3	-0.8	-0.9	+2	145	87
8 England SW & Wales S	23.8	6.5	-1.3	-0.5	-0.9	+0.2	+3	93	89
N Ireland	21.6	3.5	-1.0	-0.5	-0.7	+0.1	+4	103	92
Scotland	23.4	3.3	-0.8	-0.7	-0.7	-0.4	+5	95	98
England & Wales	25.9	3.7	-1.2	-0.5	-0.8	-0.7	+1	102	92

*Highest maximum and lowest minimum of District Value Stations.

DUPLICATE ALSO

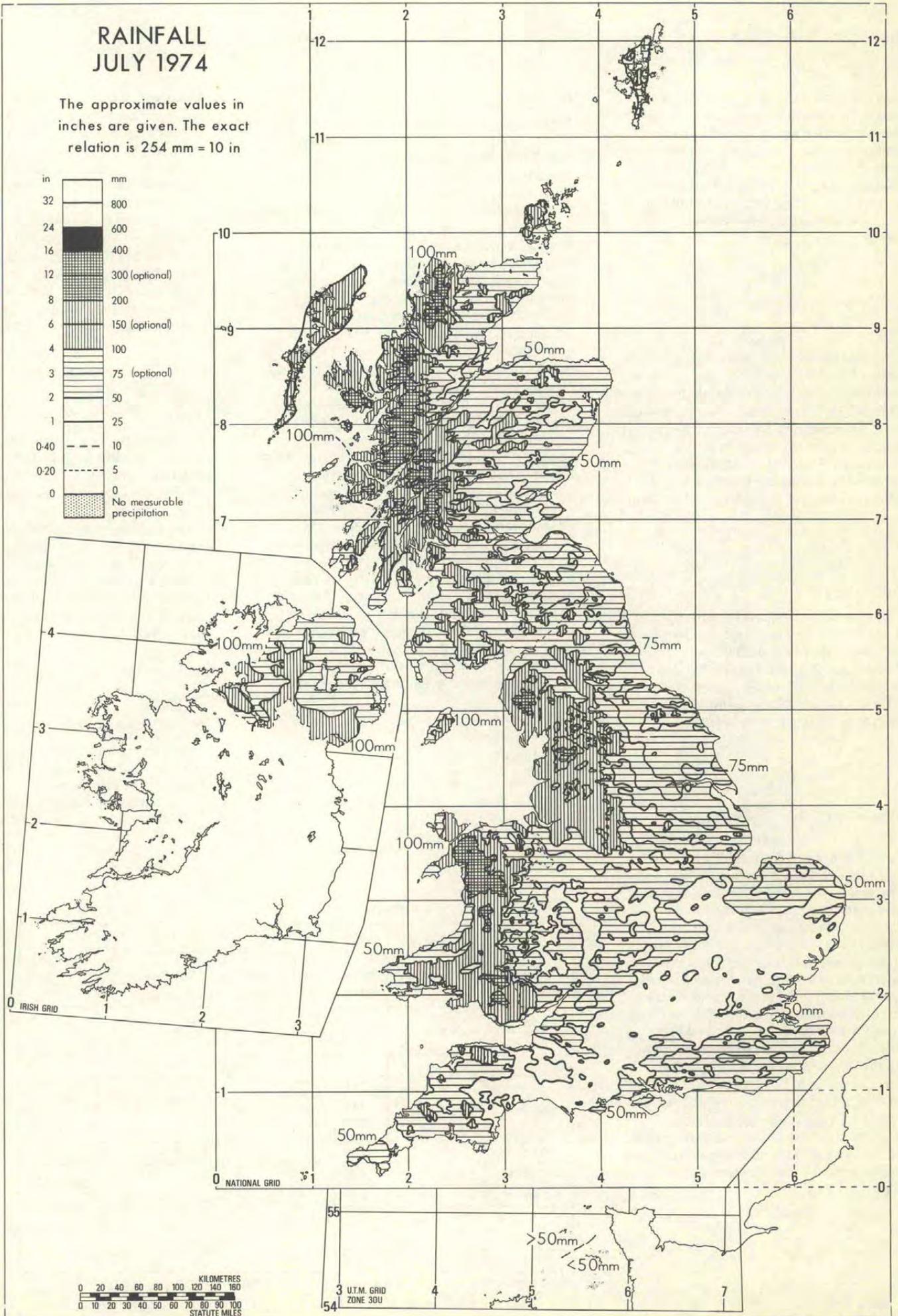
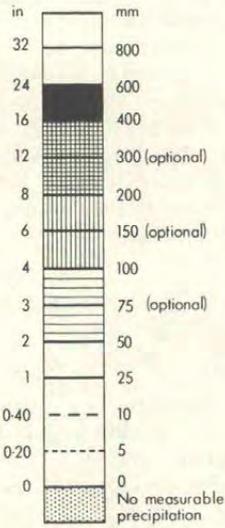


DUPLICATE ALSO

FH 3A

RAINFALL JULY 1974

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



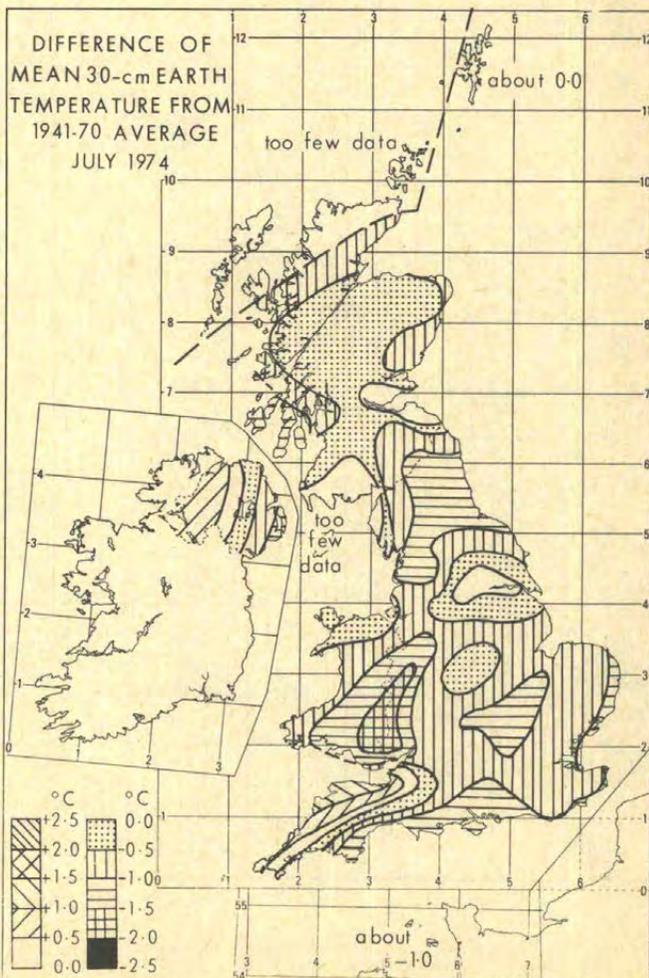
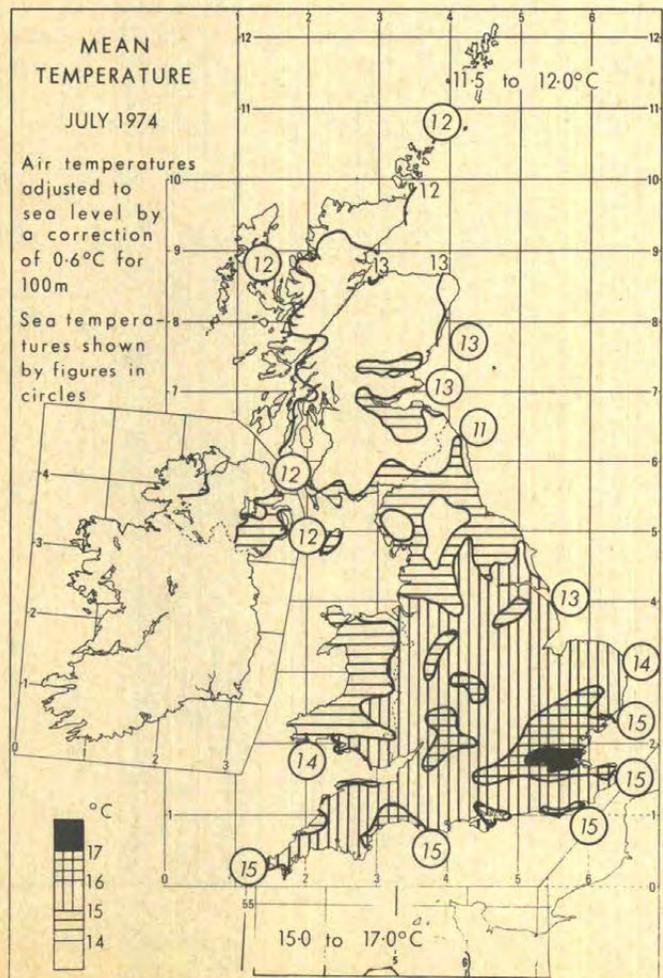
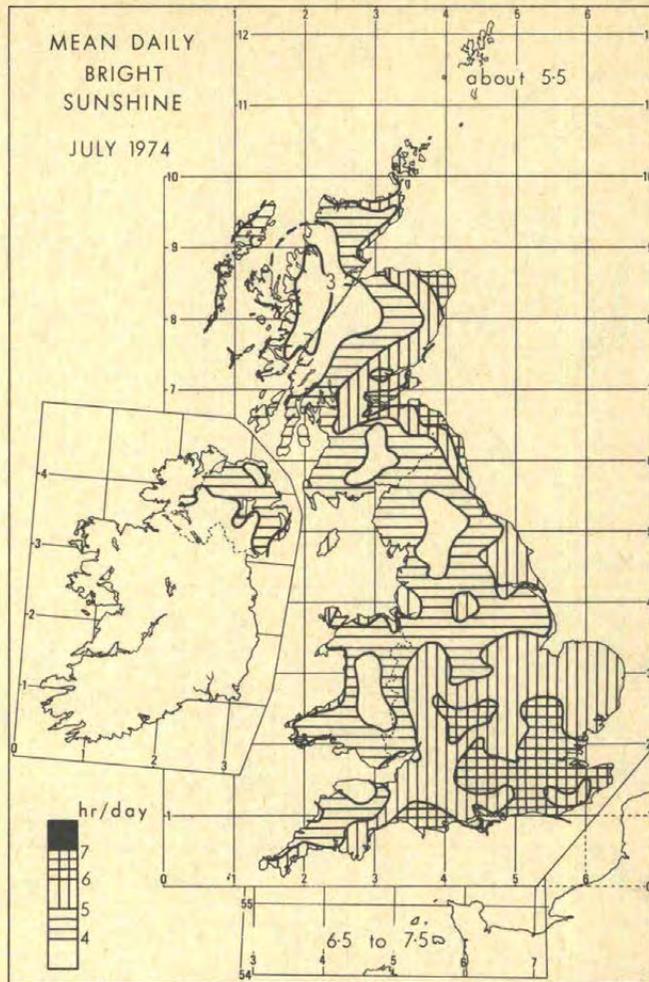
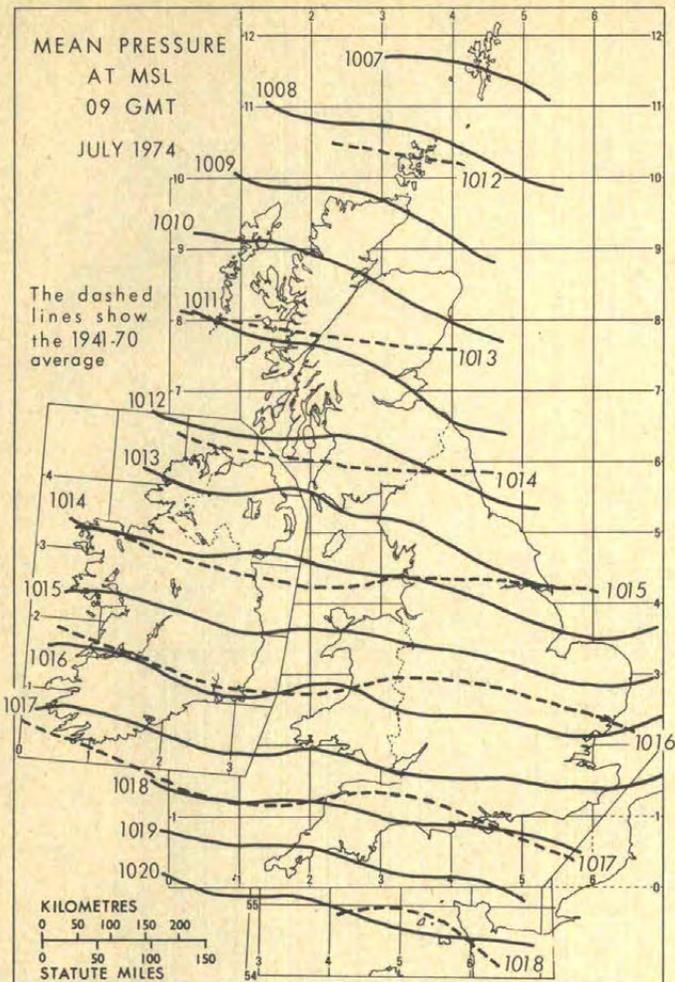


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIPITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETTED GROUND	WETTED CONCRETE	WETTED PAVE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE														0-2 MM OR MORE	1-0 MM OR MORE
			MAX.	MIN.	MAX.	DATE	MIN.	DATE	AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WETTED GROUND	WETTED CONCRETE	WETTED PAVE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE						
6 SCOTLAND W																														
ARGYLL																														
ACHAGLACHGACH ...	9 9	12	16.2	9.6	12.9	-	19.2	7	3.7	24			136	21	5	26	19													
AROS ...	9 9	37	15.8	8.9	12.3	-	17.9	6	3.3	24			182	26	5	30	25													
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	15.9	9.9	12.9	-	18.7	7	6.0	24			168	26	5	27	23													
COLONSAY ...	9 9	30				-																								
DUNSTAFFNAGE ...	9 9	3	15.9	10.2	13.1	-	17.7	8	6.0	4			120	14	22	27	20													
GLENBARNER ...	9 9	24	16.6	8.7	12.7	-	19.0	7	3.1	25			152	20	22	25	21													
KNAPDALE FOREST ...	9 9	40	15.4	9.6	12.5	-	18.6	7	4.0	24			151	20	15	25	21													
MACHRIHANISH ...	21-9	10	15.8	10.8	13.3	-	19.1	21	5.3	24			76	20	4	21	16												4.86	
POLLOCH ...	9 9	10	15.8	9.4	12.6	-	18.3	7	4.8	4			236	34	5	27	27													
PORT ELLEN ...	9 9	18	15.8	9.9	12.9	-	19.1	6	5.4	24			99	15	15	22	17													
RHUYAL ...	21-9	20	15.2	10.3	12.7	-	18.2	19	8.0	4.5			86	12	25	20	18													
TREE ...	21-9	9	15.1	10.2	12.7	-0.7	16.5	9	7.0	4			72	85	9	22	25	18											4.85	
BUTE																														
BRODICK CASTLE ...	9 9	15	16.9	10.0	13.5	-	19.3	21	6.6	24	16.0		95	16	4	26	20													
KILDONAN ...	21-9	18				-																								
ROTHESAY ...	9 9	43	16.5	10.5	13.5	-	19.0	7	7.5	24	13.8	12.5	100	12	22	22	18													
DUNBARTON																														
ARROCHMORE ...	9 9	37	16.6	9.8	13.2	-	18.7	7	5.9	31			94	14	22	24	18												4.97	
CUMBERNAULD ...	9 9	94	16.9	9.0	12.9	-	19.3	7	6.0	24			94	16	16	19	16													
FINNART ...	9 9	15	16.4	10.5	13.5	-	18.0	7	4.0	24			131	21	5	24	22													
HELENSBURGH ...	9 9	89	15.8	9.3	12.5	-1.8	18.0	7	5.5	24			102	16	24	22	19													4.32
SLOY ...	21-9	12	16.3	10.1	13.2	-	19.0	13	5.5	4			169	23	15	26	25													
STIRLING																														
EARLS HILL ...	21-9	335	14.9	7.8	11.3	-	17.5	4	5.0	4																			5.94	
FALKIRK (SEWAGE WORKS)	9 9	3	17.9	10.4	14.1	-	20.4	7	6.9	31			54	16	15	16	12												5.93	
GRANDEMOUTH																														
B.P. REFINERY ...	9 9	2	18.1	10.8	14.5	-	20.5	7	7.5	26			65	35	14	16	9													
MUNICIPAL CHAMBERS ...	9 9	4	17.5	11.0	14.3	-	20.0	7	8.0	31			58	19	15	15	12													
PARKHEAD ...	9 9	107	17.8	9.9	13.9	-	20.1	4	5.5	24	15.9		45	7	15	18	14													
STIRLING (BATTERFLATS)	9 9	38	18.3	9.6	13.9	-	21.2	19	4.4	31	15.4	14.0	48	12	15	20	8													5.67
RENFREW																														
ABBOTSINCH AIRPORT ...	21-9	5	17.2	10.4	13.8	-0.9	19.4	7	5.6	31			68	11	22	19	16												5.38	
BARRHEAD ...	9 9	30	16.9	10.5	13.7	-	20.0	7	6.9	24			81	14	22	18	13													
GREENOCK ...	9 9	61	16.0	10.5	13.3	-1.3	18.8	7	7.4	24			107	98	22	24	19												4.63	
PAISLEY ...	9 9	32	17.2	11.1	14.1	-1.0	19.6	13	8.1	24	15.0	13.8	69	85	13	19	16												5.06	
LANARK																														
CAMPS RESERVOIR ...	9 9	295	14.8	8.4	11.6	-	18.2	7	4.0	17			78	13	15	28	17												3.81	
CARNATH ...	9 9	208	16.1	7.9	12.0	-	18.6	7	0.5	30	13.4		63	11	4	17	15													
CORBRIDGE ...	9 9	78	16.3	9.8	13.1	-	18.0	7	6.0	24			61	10	15	18	16													
CRAWFORD JOHN ...	9 9	274	15.1	8.3	11.7	-	18.5	21	3.4	24	12.8																			4.13
EAST KILBRIDE ...	9 9	178	15.9	9.6	12.7	-	18.6	7	6.4	24			76	12	22	20	16												5.86	
GLASGOW (SPRINGBURN)	9 9	107	16.4	10.2	13.3	-1.2	18.8	13	6.8	24			87	100	9	15	26	19											4.80	
LANARK ...	9 9	152				-																								3.74
LEADHILLS ...	9 9	388	14.3	7.9	11.1	-	17.7	21	3.8	17			119	15	14	25	20													
SALSBURGH ...	9 9	275	15.5	8.4	11.9	-	17.3	7	6.0	2.4																				
AYR																														
BUCHINCUIVE ...	9 9	45	16.4	10.6	13.5	-0.8	20.0	21	5.4	24	14.0	12.8	60	74	11	4	19	13											4.69	
CUMNOCK ...	9 9	99	16.4	8.7	12.5	-	19.8	21	2.9	24			95	15	5	23	19													
GIRVAN ...	9 9	8	16.4	11.5	13.9	-	20.4	16	7.5	24			56	13	22	19	12												4.58	
LARGS ...	9 9	6				-																								4.85
PRESTWICK ...	21-9	16	16.7	10.5	13.6	-	19.8	21	4.2	24			58	11	4	19	12												5.03	
DUMFRIES																														
BUCHEN CASTLE ...	9 9	184				-																								
DUMFRIES ...	9 9	49	17.0	10.2	13.6	-0.9																								

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HIGHT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE HSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIPITATION			SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WINDY TO 100 C	WINDY TO 50 C	WINDY TO 25 C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE											
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0-2 MM OR MORE	1-0 MM OR MORE	PRECIPITATION																									
4 MIDLAND COUNTIES																																											
WEST YORKSHIRE																																											
BRADFORD ...	9 9	134	17.8	11.2	14.5	-0.7	21.6	8.22	7.9	23	14.7	13.5	75	114	13	4	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.68	90	5							
BRAMHAM ...	9 9	54	18.9	10.5	14.7	-	22.8	22	7.2	23	-	-	73	15	13	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0							
HUDDERSFIELD																																											
OAKES ...	21-9	232	17.6	10.2	13.9	-1.2	21.9	22	7.2	23	14.2	12.0	92	118	19	2	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.85	97	-						
RAVENSKNOWLE ...	9 9	99	18.8	11.5	15.1	-0.6	22.6	21	8.8	13.14	-	14.5	71	111	16	2	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.16	106	-					
ILKLEY ...	9 9	83	17.9	11.0	14.5	-0.9	22.2	8	6.5	23	-	-	89	133	17	2	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.29	108	-					
PONTEFRAC T ...	9 9	78	18.4	11.2	14.8	-0.7	22.7	8	8.5	23	-	-	70	125	19	31	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
WILSDEN ...	9 9	262	16.8	9.9	13.3	-	20.7	22	7.4	18	-	-	91	-	16	4	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
SOUTH YORKSHIRE																																											
FINNINGLEY ...	21-9	10	20.0	10.5	15.3	-	24.7	22	5.5	14	-	-	63	-	16	4	16	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.86	-	-				
SHEFFIELD ...	9 9	131	18.7	11.7	15.2	-0.8	23.3	21	8.0	2	15.2	13.8	68	113	18	4	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.29	103	-				
DERBYSHIRE																																											
ASHOVER ...	9 9	186	18.3	10.4	14.3	-	22.9	21	5.7	2	-	-	79	-	17	30	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.46	-	-			
BUXTON ...	9 9	314	16.0	10.1	13.1	-0.8	20.5	8	6.8	13	14.4	14.2	137	133	34	4	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.97	103	5			
DERBY ...	9 9	48	19.6	11.6	15.6	-	24.8	21	7.4	2,13	-	-	62	-	13	2	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.63	-	-			
MACKWORTH ...	9 9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
MORLEY ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
NINGERWORTH ...	9 9	126	18.6	9.9	14.3	-	23.2	21	4.7	2	14.8	-	74	-	15	4	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.29	-	-			
NOTTINGHAMSHIRE																																											
MANSFIELD ...	9 9	114	19.0	11.1	15.1	-0.8	23.5	21	8.0	19	15.7	-	65	-	16	30	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
NEATHORPE ...	9 9	58	19.2	10.9	15.1	-	23.9	21	6.1	2	-	-	73	-	13	31	12	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
NOTTINGHAM ...	9 9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
SUTTON BONINGTON ...	9 9	48	19.3	10.9	15.1	-0.8	23.8	21	5.4	13	14.9	13.6	68	-	15	2	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.37	99	-		
WARSOP ...	9 9	46	20.0	9.8	14.9	-	24.4	21	4.3	19	-	-	68	-	18	4	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.47	-		
WATNALL ...	21-9	117	18.8	10.7	14.7	-1.0	23.8	21	7.2	2	-	-	75	-	13	31	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.36	83	-		
STAFFORDSHIRE																																											
KEELE ...	9 9	179	17.6	10.4	14.0	-	22.4	21	7.3	14	14.1	12.5	89	-	16	3	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.20	-	5	
OAKEN ...	9 9	125	18.7	10.6	14.7	-0.6	23.3	21	7.3	14	15.7	-	54	85	16	2	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.00	-		
PENKRI DGE ...	9 9	101	19.2	10.3	14.7	-	23.8	21	5.5	14	-	-	46	-	13	2	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
STONE ...	9 9	107	18.2	10.0	14.1	-	22.6	21	5.4	18	-	-	69	-	12	2	18	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.82	-		
LEICESTERSHIRE																																											
CALDECOTT ...	9 9	52	19.7	10.3	15.0	-	24.0	21	5.2	2	-	-	38	-	15	2	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.62	-		
NEWTOWN LINFORD ...	9 9	119	19.1	10.0	14.5	-	24.2	21	6.1	2	-	-	62	-	14	2	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.64	-		
SALOP																																											
NEWPORT ...	9 9	64	19.1	10.1	14.6	-0.7	23.5	21	6.1	14	-	-	46	74	13	2	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.13	98	-	
OSMESTRY ...	9 9	174	17.4	10.6	14.0	-1.1	20.8	8	7.4	8	-	-	68	97	12	2	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.52	86	5	
SHAWBURY ...	21-9	72	19.0	10.3	14.7	-1.0	23.0	8	6.0	13	-	-	68	-	15	2	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.01	92	-
SHREWSBURY ...	9 9	56	19.3	11.6	15.5	-0.6	23.5	8	7.0	25	16.3	15.4	51	-	12	2	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.78	108	-	
WEST MIDLANDS																																											
BIRMINGHAM																																											
EDGBASTON ...	21-9	163	18.7	11.7	15.2	-0.8	23.5	21	9.5	14.25	12.8	-	60	91	19	2	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.09	96	-
ELMDON AIRPORT ...	21-9	96	19.6	11.2	15.4	-0.5	24.2	21	5.9	19	-	-	44	-	15	2	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.57	98	-
KING EDWARD SCHOOL ...	9 9	137	19.3	10.2	14.7	-	23.8	20	7.6	25	-	-	48	-	13	31	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
WARWICKSHIRE																																											
LUDDINGTON ...	9 9	56	20.0	10.9	15.5	-	24.5	21	6.3	25	-	-	55	-	33	2	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.92	-	-
MORETON MORRELL ...	9 9	85	19.9	10.9	15.4	-																																					

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HIGHT) OF OBSERVATION	MIN. TERMINAL (HIGHT) OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION	0.2 MM OR MORE OR MORE	0.2 MM OR MORE OR MORE	SNOW DR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW OR FROG C	WETTING INDEX	WIND CHILL INDEX	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT	DATE																					
				MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT	DATE	PRECIP- ITATION	0.2 MM OR MORE OR MORE	0.2 MM OR MORE OR MORE	SNOW DR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW OR FROG C	WETTING INDEX	WIND CHILL INDEX	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
8A WALES S CONTINUED																																						
WEST GLAMORGAN																																						
MUMBLES HEAD ...	21-9	36	16.8	12.4	14.6	-	-	21.0	20	10.0	14.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEATH ...	62	18.1	12.4	15.3	-	-	-	21.3	21	8.0	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENMAEN ...	85	17.6	11.8	14.7	-	-	-	21.0	20	9.0	13.14	16.4	15.6	108	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORT TALBOT ...	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANSEA ...	8	18.2	12.6	15.4	-1.1	-	-	21.8	21	10.0	14	17.5	16.6	117	137	46	2	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MID GLAMORGAN																																						
LLYHYNON ...	9 9	24.2	16.3	10.3	13.3	-	-	20.6	21	4.8	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTHGAL ...	6	17.8	-	-	-	-	-	20.0	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOUTH GLAMORGAN																																						
CARDIFF ...	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHOOSE AIRPORT ...	21-9	67	17.8	11.8	14.8	-	-	21.0	8	7.4	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gwent																																						
CRUMBLAND ...	9 9	24.5	17.5	10.4	13.9	-	-	22.8	21	6.6	25	14.2	13.3	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWPORT ...	23	19.1	10.9	15.0	-	-	-	22.6	21	5.8	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TREDEGAR ...	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK ...	21	(19.5)	(10.7)	(15.1)	(-0.9)	-	-	24.5	21	5.0	19	(16.5)	-	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
8B ENGLAND SW																																						
AVON																																						
BATH ...	9 9	118	(18.5)	(12.0)	(15.3)	-	-	22.0	8	8.9	19	(15.9)	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON ...	21-9	59	18.6	12.3	15.5	-1.0	-	22.8	8	7.6	18	-	-	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONG ASHTON ...	9 9	51	18.5	11.8	15.1	-1.2	-	22.3	8	6.5	19	16.1	-	82	117	30	2	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET																																						
CANNINGTON ...	9 9	23	19.4	12.0	15.7	-1.0	-	24.0	22	8.5	2.19	18.1	-	24	39	9	2	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEDDAR ...	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY ...	9 9	183	18.3	11.3	14.8	-	-	21.8	8	7.9	14.19	-	-	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXTON ...	21-9	336	16.8	10.2	13.5	-	-	20.6	21	6.6	14.25	-	-	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAWKRIDGE ...	9 9	314	16.0	10.2	13.1	-	-	19.6	8	6.6	18	-	-	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NETTLECOMBE ...	9 9	96	18.7	11.0	14.9	-	-	22.0	21	6.1	2	16.9	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ROONEY STOKE ...	9 9	40	10.7	11.5	15.1	-	-	22.0	8	7.8	18	16.8	14.8	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WINCANTON ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
YEovilTON ...	21-9	18	20.0	11.5	15.7	-	-	23.3	21	5.4	25	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DORSET																																						
BOURNEMOUTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HURN AIRPORT ...	21-9	10	19.7	11.7	15.7	-	-	23.9	20	6.1	18	-	-	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MEYRICK PARK ...	9 9	40	19.0	12.1	15.5	-1.1	-	22.6	20	8.5	2	16.6	15.1	44	88	10	12	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
CHRISTCHURCH ...	9 9	3	19.6	12.3	15.9	-	-	24.2	20	7.0	25	-	-	60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
POOLE ...	9 9	5	19.9	11.3	15.6	-1.1	-	23.7	21	6.5	14	17.3	16.3	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PORTLAND BILL (COASTGUARD) ...	21-9	53	17.0	12.9	14.9	-0.8	-	19.6	17	10.9	8	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SHAFESBURY ...	9 9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SWANAGE ...	9 9	11	18.9	12.4	15.7	-0.6	-	24.0	20	8.7	25	-	-	57	115	11	12	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MEYMOUTH ...	9 9	23	19.2	12.6	15.9	-	-	23.7	20	7.5	2	-	-	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WIMFRITH ...	9 9	26	19.2	11.1	15.1	-	-	23.5	20.25	6.8	2	-	-	33	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
DEVON																																						
CHELDON BARTON ...	21-9	164	18.5	10.8	14.7	-	-	22.3	8.21	6.0	25	15.8	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CHIVENOR ...	21-9	6	17.9	12.8	15.3	-0.8	-	23.3	8	9.0	14.18	-	-	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EXETER AIRPORT ...	21-9	32	19.9	12.0	15.9	-0.4	-	24.0	21	7.0	18	-	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
EXMOUTH ...	9 9	59	19.8	12.6	16.2	+0.3	-	23.5	30	9.4	18	-	-	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HARTLAND POINT ...	21-9	91	15.8	12.3	14.1	-1.2	-	18.3	21	9.4	2.3	-	-	51	73	26	2	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
HEWTON ABBOT ...	9 9	83	(19.6)	(11.8)	(15.7)	(-0.4)	-	24.0	21	7.3	2	-	-	31	51	9	2	11	7	0	0	0																

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED							HIGHEST VALUES									
		ABOVE 9.14	ABOVE 4.57	34 KT OR MORE (GALE FORCE)				22-33	11-21	6-10	LESS	HIGHEST HOURLY WIND			HIGHEST GUST					
				KT	KT	KT	KT	KT	KT	KT	KT	PER YEAR	PER MONTH	PER DAY	PER YEAR	PER MONTH	PER DAY	PER DAY AND TIME		
				DATES OF OCCURRENCE																
				NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS			HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)										
3 EAST ANGLIA																				
NORFOLK	COLTISHALL	27	10	0	2	10	294	351	89	0	9.5	270	26	1	11	250	40	1	0836	
	GORLESTON	16	13	0	3	7	263	417	57	0	9.4	270	22	1	11	270	41	1	1118	
	MARHAM	29	10	0	2	13	303	343	85	0	9.8	290	26	1	15	280	42	1	1512	
	WEST RAYNHAM	93	16	0	2	14	387	284	59	0	11.0	270	26	1	10	270	45	1	1124	
CAMBRIDGESHIRE	WITTERING	83	10	0	2	9	306	405	24	0	10.2	290	28	1	12	280	43	1	1130	
SUFFOLK	HONINGTON	60	13	0	2	13	336	340	49	6	10.3	290	30	1	13	290	44	1	1318	
	WATTISHAM	105	17	0	3	13	314	366	51	0	10.1	270	28	1	14	270	45	1	1424	
BEDFORDSHIRE	BEDFORD	94	13	0	5	19	357	335	28	5	10.9	290	26	1	12	290	44	1	1306	
	CARDINGTON	70	41	0	5	22	445	251	26	0	11.7	250	27	22	16	250	39	22	1554	
HERTFORDSHIRE	GARSTON	94	15	0	0	0	64	586	94	0	6.8	310	17	3	10	310	37	3	1054	
	ROTHAMSTED	141	13	0	0	0	27	455	262	0	5.0	320	14	3	11	320	38	3	1136	
ESSEX	SHOEBURYNNESS	36	32	0	9	48	470	217	9	0	13.1	200	29	15	14	280	43	1	1336	
	STANSTED	108	10	0	0	0	220	433	91	0	8.3	270	19	1	08	270	37	1	0906	
4 MIDLAND COUNTIES																				
SOUTH YORKSHIRE	FINNINGLEY	19	10	0	3	14	305	323	102	0	9.7	290	27	1	11	290	45	1	1130	
	SHEFFIELD	160	25	0	0	0	86	431	227	0	5.9	300	18	1	10	310	43	1	1230	
NOTTINGHAMSHIRE	WATNALL	130	13	0	0	0	257	424	63	0	9.0	270	21	1	11	290	37	1	1554	
STAFFORDSHIRE	KEELE	215	15	0	0	0	80	466	198	0	5.8	310	19	1	13	290	43	1	0930	
LEICESTERSHIRE	COTTESMORE	143	13	0	4	16	422	296	10	0	11.6	280	28	1	11	270	46	1	0936	
SALOP	SHAWBURY	84	12	0	2	2	297	395	50	0	9.4	310	22	1	10	250	35	22	1554	
WEST MIDLANDS	BIRMINGHAM																			
	EDGBASTON	196	36	0	0	0	193	468	83	0	8.5	330	20	3	10	320	42	3	1042	
	ELMDON AIRPORT	104	10	0	3	11	337	345	51	0	10.1	250	25	22	17	240	39	22	1706	
HEREFORD & WORCS	PERSHORE	47	10	0	4	11	314	325	94	0	9.9	230	23	28	13	200	36	15	1130	
GLOUCESTERSHIRE	FAIRFORD	88	10	0	0	0	379	293	72	0	10.4	280	21	1	10	280	35	1	1030	
OXFORDSHIRE	ABINGDON	90	12	0	0	0	227	409	108	0	8.5	270	19	28	16	270	29	28	1612	
	BRIZE NORTON	91	13	0	0	0	231	444	69	0	8.6	280	19	1	10	280	33	1	1024	
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																				
GREATER LONDON	HAMPTON	42	31	0	1	1	251	393	99	0	8.7	280	22	1	09	280	37	1	0942	
	HEATHROW AIRPORT	34	10	0	0	0	251	464	29	0	9.2	320	20	3	09	290	32	1	0842	
	KEW	28	23	0	0	0	245	410	89	0	8.7	200	19	15	14	270	39	1	0900	
	LONDON WEATHER CENTRE	93	70	0	2	5	471	248	20	0	11.7	260	22	1	09	270	41	1	0936	
	POST OFFICE TOWER		174																	
WILTSHIRE	BOSCOMBE DOWN	130	17	0	2	2	270	408	64	0	9.5	230	22	31	16	290	37	1	0824	
	LARKHILL	145	13	0	2	5	356	327	56	0	10.4	260	24	1	09	260	41	1	0918	
	MIDDLE WALLOP	94	10	0	0	0	232	430	57	25	8.9	290	21	1	08	280	37	1	0742	
	PORTON	120	10	0	3	8	317	371	48	0	10.1	230	24	31	15	280	35	1	0824	
KENT	DUNGESS	16	10	0	8	42	502	190	10	0	13.6	200	28	15	14	250	44	4	1500	
	ISLE OF GRAIN	15	12	0	6	29	393	236	29	57	11.9	280	26	1	12	280	37	1	1212	
	MANSTON	62	18	0	6	27	388	312	17	0	11.6	200	28	15	15	200	39	15	1518	
HAMPSHIRE	FARNBOROUGH	75	10	0	0	0	167	463	114	0	7.7	320	19	3	11	290	35	1	0854	
WEST SUSSEX	GATWICK AIRPORT	69	10	0	0	0	258	395	91	0	8.8	280	19	1	09	310	40	3	0748	
	THORNEY ISLAND	16	10	0	2	17	392	311	24	0	11.4	210	28	15	13	210	40	15	1306	
7A ENGLAND NORTHWEST AND ISLE OF MAN																				
CUMBRIA	CARLISLE	41	13	0	0	0	259	374	111	0	8.4	230	19	22	12	230	39	22	1224	
	GREAT DUN FELL	857	10	0	48	24	292	303	96	5	20.2	230	45	22	14	230	61	22	1424	
	MOOR HOUSE	595	13	0																
	SELLAFIELD	25	12	0	2	8	338	350	48	0	10.0	310	24	1	08	320	35	1	0900	
LANCASHIRE	FLEETWOOD	34	15	0	5	7	31	314	274	120	0	10.5	37	1	08	310	45	1	0818	
	SQUIRES GATE AIRPORT	22	12	0	0	7	30	512	182	20	0	13.4	290	29	1	08	290	45	1	0818
MERSEYSIDE	ATGURTH	38	23	0	4	11	315	342	76	0	10.0	290	28	1	09	290	49	1	0954	
	SOUTHPORT	19	14	0																
	SPEKE AIRPORT	30	10	0	2	11	368	323	42	0	10.7	280	29	1	10	280	48	1	1012	
GREATER MANCHESTER	MANCHESTER																			
	RINGWAY AIRPORT	80	10	0	1	6	259	415	64	0	9.2	290	25	1	13	290	42	1	1330	
	WEATHER CENTRE	82	45	0	0	0	246	417	81	0	8.8	280	21	1	06	310	43	1	1254	
ISLE OF MAN	POINT OF AYRE	20	10	0	3	6	37	455	221	28	0	12.8	310	36	1	07	300	51	1	0742
	RONALDSWAY	25	10	0	3	10	316	322	96	0	9.6	310	27	1	09	310	42	1	0818	
7B WALES NORTH																				
GWYNEDD	VALLEY	26	16	0	11	61	483	164	36	0	13.8	210	30	29	15	210	43	29	1530	
8A WALES SOUTH																				
DYFED	ABERPORTH	144	10	0	4	11	533	185	15	0	12.9	150	25	2	11	200	34	22	1630	
	MILFORD HAVEN	47	10	0	0	0	405	303	36	0	10.9	220	21	15	06	220	35	15	0606	
WEST GLAMORGAN	PORT TALBOT	28	12	0	1	4	387	255	98	0	10.2	280	25	1	03	280	38	1	0330	
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10	0	1	1	448	246	49	0	11.1	290	22	1	07	290	35	1	0730	
8B ENGLAND SOUTHWEST																				
DORSET	HURN AIRPORT	23	13	0	2	2	275	427	40	0	9.6	200	22	15	11	210	36	15	1354	
	PORTLAND BILL CG	60	13	0	9	53	534	138	19	0	14.3	330	30	3	06	330	42	3	0618	
DEVON	CHIVENOR	22	16	0	3	8	456	230	50	0	11.5	230	24	15	10	230	38	15	1018	
	MOUNT BATTEN	64	13	0	5	17	339	324	64	0	10.5	210	27	15	09	210	39	15	0912	
CORNWALL	LIZARD	96	23	0	9	67	472	186	19	0	13.8	350	30	3	05	330	45	3	0224	
	ST MAWGAN	120	13	0	5	13	511	194	26	0	12.7	320	27	3	04	320	39	3	0400	
	SCILLY (ST. MARY'S)	70	20	0	7	31	427	226	56	4	11.9	310	29	3	02	320	45	3	0324	
CHANNEL ISLANDS	JERSEY AIRPORT	98	18	0	1	9	480	239	16	0	11.7	300								

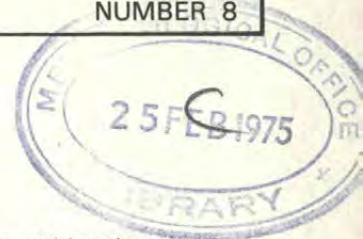
MONTHLY WEATHER REPORT

AUGUST 1974

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 91 NUMBER 8

DUPLICATE ALSO



Cool and changeable but mostly sunny

Depressions and associated fronts and troughs moving from the Atlantic frequently affected the United Kingdom during the month. Between the low-pressure systems ridges of high pressure crossed the country but their influence on the weather was usually short-lived and more evident in England and Wales than in other areas.

Weather

Short spells of mostly dry weather alternated with longer periods during which there were frequent showers or outbreaks of rain. Thunderstorms occurred at times and a little hail was reported. The thunderstorms were most widespread and severe in the southern half of England and Wales. It was a cool month but mostly sunny in spite of the copious rainfall in some districts.

Wind

Winds were usually light or moderate and blew mainly from directions between south and west although there were occasional easterlies. Sometimes the winds were fresh or strong especially in coastal districts and over high ground and there were one or two gales. On the 14th and 15th gusts of 60 kt or over were reported at high-level stations in northern England and the Isle of Man and on the 25th when local gales occurred on the coasts of Northern Ireland, Scotland and northern England a gust of 58 kt was recorded at Stornoway (Ross and Cromarty).

Temperature

Monthly mean temperatures ranged from near average to 1.0 degC below average except in Orkney and Shetland and along the coasts of northern and eastern Scotland where they were a little higher than average. It was also a little warmer than normal in some coastal districts of eastern England. There were short warm spells at times but the higher temperatures usually occurred in the Midlands, eastern and southern England. On the 6th a maximum temperature of 27.0°C was recorded at Stratford-upon-Avon and on the 15th the temperature at East Dereham (Norfolk) also reached 27.0°C. On a few days during the following week maximum temperatures of around 25°C were recorded at a number of stations in south-eastern England.

Rainfall

Rainfall totals were near or above average in the extreme west of Northern Ireland and in western Scotland. Southernmost districts of Wales and most of the Midlands, eastern and southern England were also wet and in small parts of East Anglia and south-west England rainfall was about twice the average.

Other districts were drier, notably in eastern Scotland where some places had less than half of their average rainfall for the month. During most of the first week many districts had scattered showers, some of which were heavy and were occasionally accompanied by thunder and hail. However, on the 4th thunderstorms occurred widely in the Midlands and in southern and eastern districts of England and were severe locally. A man was killed by lightning in Felixstowe (Suffolk) and lightning also damaged houses and disrupted electricity supplies in Cambridgeshire. Following intense rainfall flooding occurred in a number of places. In the 24 hours from 09 GMT on the 4th, 63.9 mm of rain fell at Church Marshes Sewage Works, near Sittingbourne (Kent). From the 7th to 18th showers or longer periods of rain occurred frequently and thunder and a little hail were reported at times. Thunderstorms were most active and widespread in the Midlands, southern and eastern England and South Wales. On the 7th a 24-hour fall of 70.0 mm of rain was measured at Stansted Nurseries (Essex) and there was lightning damage and local flooding on the 9th and 10th and again on the 17th and 18th. The next few days were mostly dry in England and Wales but showers or periods of rain continued in Scotland and Northern Ireland. On the 25th outbreaks of thundery rain in Scotland spread to the Midlands and south-west England and on the following day thunderstorms became widespread over almost the whole of England and Wales. Some hail fell and torrential rain caused flooding for a time in one or two districts. On the 27th and 28th it was generally drier although there were scattered showers but towards the end of the month more prolonged periods of rain occurred in most parts of the country. On the 30th a fall of 78.7 mm was recorded in a 24-hour period at Creech Grange (Dorset).

Sunshine

Most districts had more sunshine than average and at Baltasound (Shetland) the total of 166 hours was the highest recorded in any August since 1947. However, parts of western Scotland were rather dull and Onich (Inverness-shire) with 73 hours had its lowest August total since 1943. Individual sunny days occurred frequently in many places but there were no noteworthy sunny spells.

Fog

Fog often developed at night in the Midlands, eastern and southern England but it was usually patchy and short-lived. In other inland districts fog occurred much less frequently but it was reported in Shetland, on the coasts of southern and south-western England and very occasionally in one or two coastal districts bordering the North Sea and the Irish Sea.

Miscellaneous Phenomena

On the 18th the coastguard at Fairlight (East Sussex) observed 5 small waterspouts south of Peacehaven (East Sussex) at 1030 GMT and at the same time the 'City of Athens' reported a large waterspout at 50° 27'N 01° 18'W (just south of the Isle of Wight) with another developing nearby. On the following day another waterspout was seen in St Margaret's Bay (Kent). During the morning of the 26th a cold front moving slowly eastwards across Woking (Surrey) was accompanied by a small tornado. The track of the tornado was about 600 yd long and in its passage it uprooted a tree and caused considerable damage to a market garden. On the same day waterspouts were reported in the Ribble estuary (Lancashire). The aurora was observed on 14 nights in Scotland.

Table 1 District values

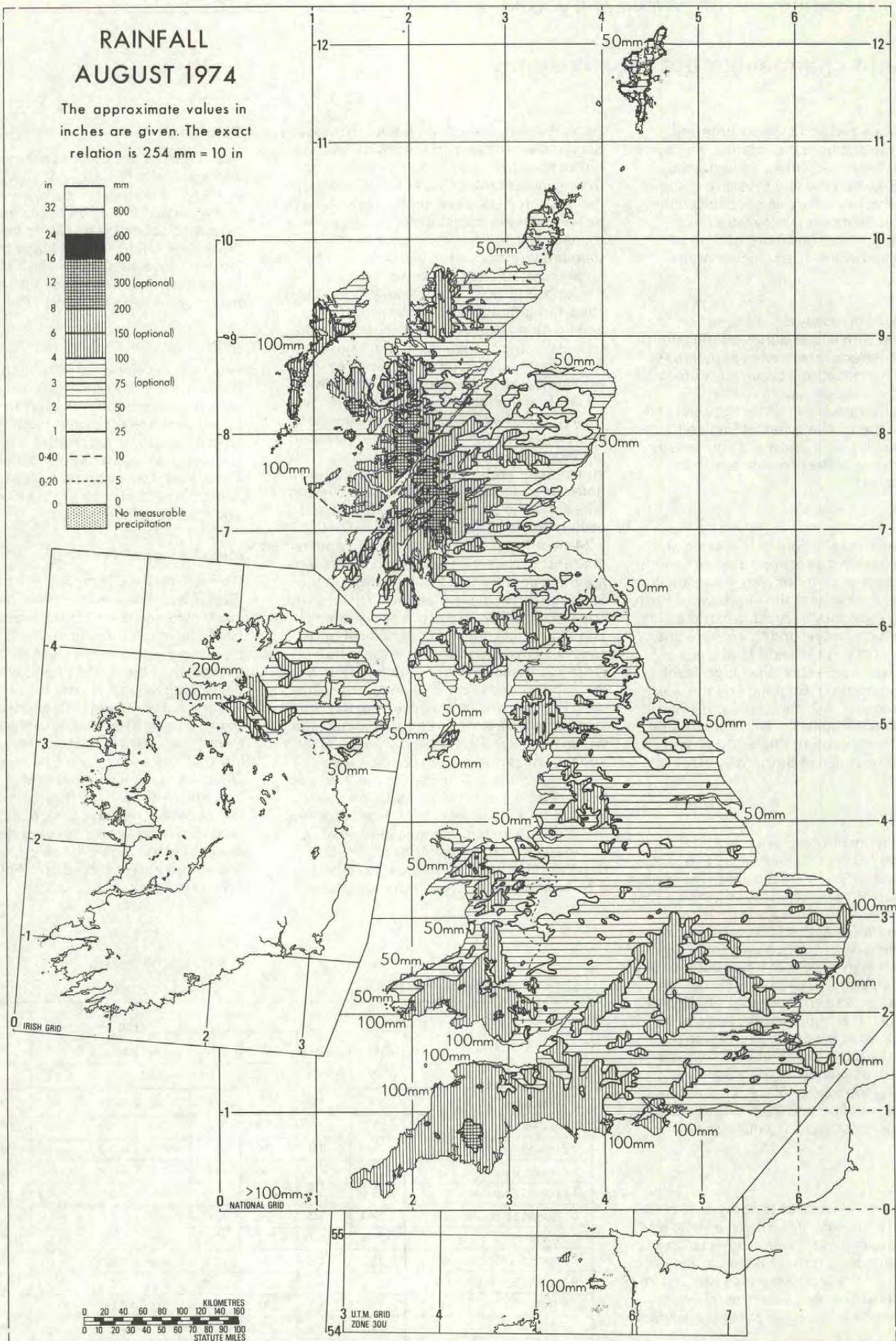
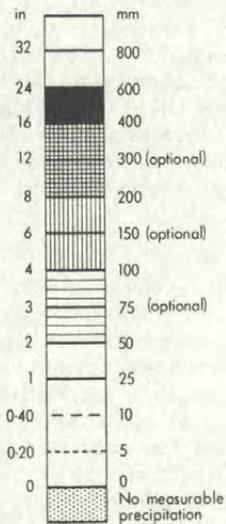
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	20.0	4.0	+0.1	-0.4	-0.1	-0.4	+4	88	97
1 Scotland E	22.2	3.8	+0.4	-0.3	+0.1	-0.2	+3	65	107
2 England E & NE	25.0	3.0	0.0	-0.3	-0.2	-0.3	-3	95	113
3 East Anglia	26.4	4.0	0.0	-0.4	-0.2	-0.3	0	145	114
4 Midland Counties	25.1	3.2	-0.2	-0.8	-0.5	-0.2	0	101	115
5 England SE & Central S	24.4	3.6	-0.4	-0.6	-0.5	-0.2	+1	113	110
6 Scotland W	21.4	2.1	-0.3	-0.3	-0.3	-0.2	+3	88	98
7 England NW & Wales N	23.0	4.6	-0.4	-0.1	-0.3	-0.9	-2	75	104
8 England SW & Wales S	23.5	4.5	-0.7	-1.1	-0.9	-0.1	+2	131	113
N Ireland	22.1	1.9	-0.1	-0.5	-0.2	0.0	+2	73	112
Scotland	22.2	2.1	+0.1	-0.3	-0.1	-0.3	+3	80	101
England & Wales	26.4	3.0	-0.3	-0.5	-0.4	-0.3	0	110	111

*Highest maximum and lowest minimum of District Value Stations.

FX 3A

RAINFALL AUGUST 1974

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



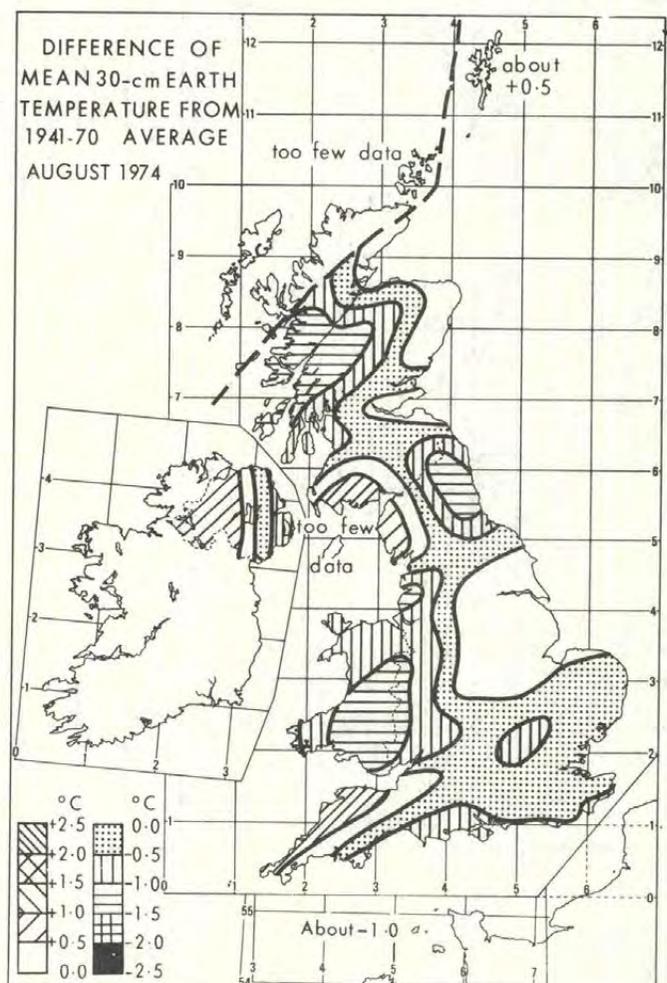
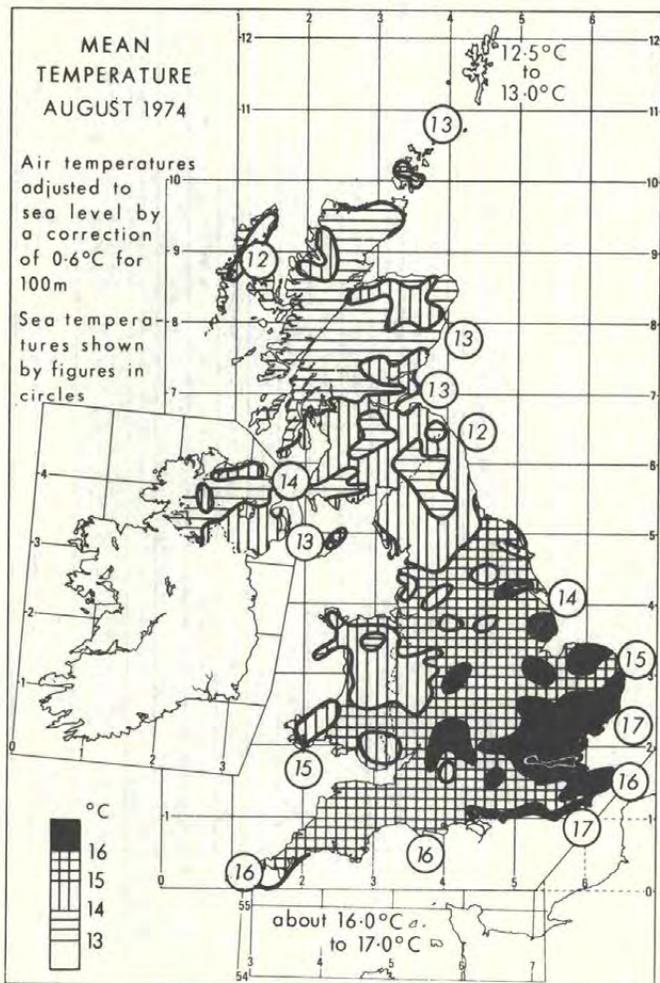
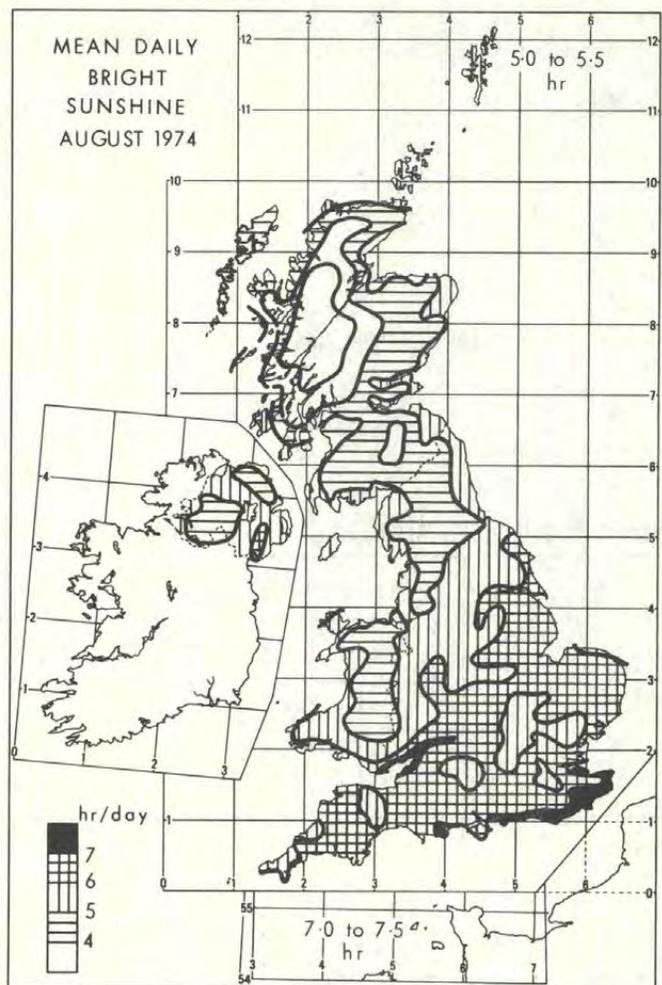
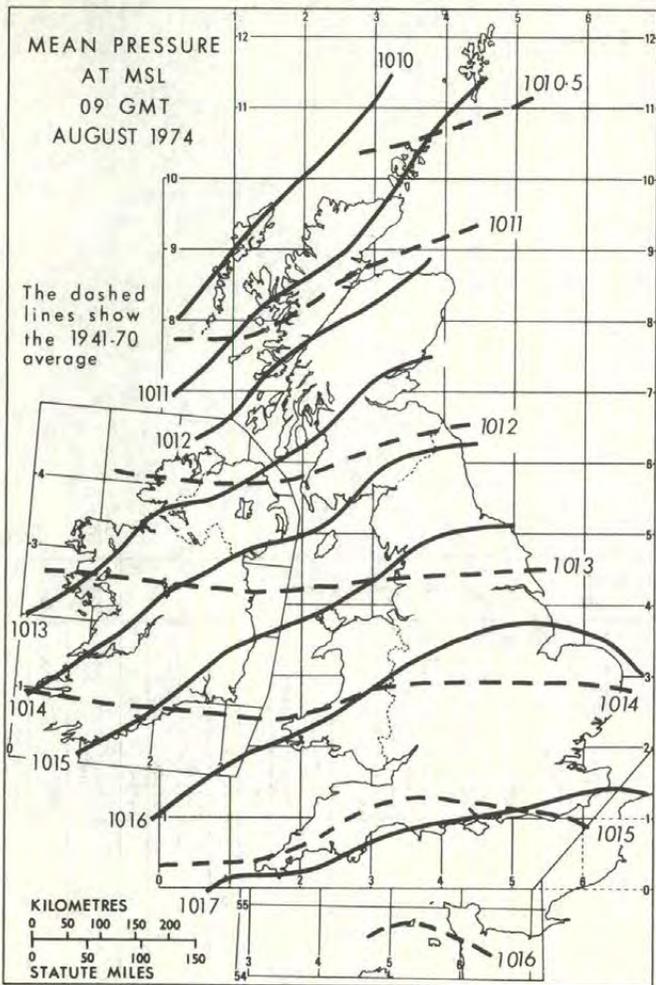


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL TERMINAL H 09 GMT			WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																
			MEANS OF			HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY	PRECIPITATION		SNOW OR BLEET	SNOW LYING AT 9H	MAIL	ICE PELLETS.ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 0°C	WINDSPEED BELOW 0°C	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE													
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A-B)	MAX.	DATE	MIN.	DATE						0-2 MM OR MORE	1-0 MM OR MORE																										
					DIFFERENCE FROM 1941-70 AVERAGE																																					
2 ENGLAND E 4 NE -CONTINUED																																										
DURHAM	9 9	102	10.5	9.8	14.1	-0.5	21.6	6	4.9	4	14.4	13.5	48	65	13	10	13	8	-	0	-	-	-	1	0	0	-	-	-	-	-	-	5.16	112	5				
DURHAM	9 9	31	19.4	9.1	14.3	-	23.0	15	3.1	28	-	-	41	-	8	11	12	9	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	4.75	-	-			
CLEVELAND	9 9	9	18.9	11.5	15.2	-0.0	22.3	6	6.5	28	-	-	30	-	11	10	9	6	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	5.19	-	-			
MARTON GRANGE	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
MARTON	9 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
NORTH YORKSHIRE																																										
ASKHAM BRYAN	9 9	34	19.7	9.8	14.7	-	22.9	6	4.8	28	-	-	68	92	17	26	12	11	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	5.27	113	-		
CAWOOD	9 9	6	19.7	9.9	14.8	-	23.5	15	4.7	28	15.8	15.3	64	-	11	11	11	10	0	0	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	5.22	-		
FILEY	9 9	37	18.6	10.5	14.5	-	23.1	16	5.0	28	-	-	63	-	11	27	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.72	-	
HIGH WORTHORPE	9 9	175	18.2	10.4	14.3	-	22.5	15	6.9	18	14.3	-	65	-	12	11	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.88	-	
LEEMING	21-9	32	19.3	10.4	14.9	-	22.6	6	4.4	28	-	-	54	-	13	26	13	11	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	5.18	-	
MALHAM TARN	9 9	395	(15.7)	(9.1)	(12.4)	(-0.3)	18.4	6	4.5	27	(11.5)	-	(172)	-	16	11	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.64	133		
PICKERING	9 9	44	19.6	8.9	14.3	-	23.6	6	2.2	28	-	-	64	-	13	11	16	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5.18	-	
SCARBOROUGH	9 9	53	18.6	11.4	15.0	-	23.0	15	7.3	4	15.7	14.5	64	97	9	11	15	11	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6.64	133		
SILPHO MOOR	9 9	203	18.2	9.8	14.0	-	22.5	6	3.2	28	13.9	-	69	-	10	8	17	12	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6.31	-	
WHITBY (COASTGUARD)	21-9	60	18.4	11.1	14.7	-	22.5	15	5.6	28	-	-	30	-	9	11	13	9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5.60	-		
YORK (HESLINGTON)	9 9	20	19.5	10.2	14.9	-	23.1	6	4.5	28	15.8	15.1	58	-	15	11	13	9	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	5.60	-		
NUMBERSIDE																																										
BRIDLINGTON	9 9	48	18.6	9.8	14.2	-	23.4	15	4.0	28	-	-	67	-	15	26	14	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6.76	-		
BRIGG	9 9	3	20.5	10.0	15.3	-	24.0	15	3.6	28	-	-	65	-	15	26	13	10	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5.50	102	
CLEETHORPES	9 9	7	19.7	11.7	15.7	-0.2	25.0	15	7.5	28	-	-	57	92	12	25	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.50	102		
CLEETHORPES	9 9	2	20.5	12.0	16.3	+0.2	25.0	15	7.5	27	16.8	15.3	95	132	25	26	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.05	119		
HULL	21-9	12	18.4	12.2	15.3	-	22.5	15	8.0	18.19	-	-	73	-	15	25	11	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6.58	-		
KILNSEA	21-9		
LINCOLNSHIRE																																										
BINBROOK	21-9	108	18.9	10.5	14.7	-	23.0	15	6.4	28	-	-	71	-	15	25	14	9	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6.47	-		
CRAWNELL	9 9	62	19.9	10.6	15.3	-0.4	23.7	15	6.3	28	17.1	16.8	70	110	18	25	13	11	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	6.46	121		
LINCOLN	9 9	7	20.5	10.4	15.5	-0.2	24.1	15	3.0	18	16.3	15.0	83	-	21	25	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.55	-	
SKEDNESS	9 9	5	20.1	12.3	16.2	+0.5	25.0	15	8.0	3.28	-	-	86	130	21	25	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.31	(112)		
WADDINGTON	21-9	68	19.8	11.0	15.4	-0.3	23.6	15	7.4	28	-	-	81	-	19	25	13	12	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	6.36	117		
3 EAST ANGLIA																																										
NORFOLK																																										
COLTISHALL	21-9	17	20.2	10.7	15.5	-	26.5	15	4.0	28	-	-	80	-	17	7	16	13	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	7.35	131	
COSTESSEY	9 9	20	21.1	10.7	15.9	-	26.3	15	4.1	28	-	-	81	-	20	26	15	14	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.35	131
CROMER	9 9	54	19.9	12.2	16.1	+0.2	25.7	15	8.8	28	-	-	89	138	16	7	14	10	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.35	131	
EAST DEREHAM	9 9	53	21.9	10.1	16.0	-	27.0	15	3.0	28	-	-	77	-	16	11	16	13	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	6.89	115	
GORLESTON	21-9	4	18.7	13.6	16.1	-0.1	25.1	15	9.9	3.27	16.7	15.3	102	165	27	12	13	12	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6.89	115	
MARHAM	21-9	23	20.7	11.1	15.9	-	26.2	15	5.4	28	-	-	67	-	17	11	14	11	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6.52	-	
MORLEY ST BOTOLPH	9 9	48	20.9	10.3	15.6	-	26.5	15	5.2	28	16.5	-	87	-	14	11	15	13	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	6.20	-	
SANTON DOWNHAM	9 9	24	20.9	8.6	14.7	-	26.2	15	0.3	28	15.6	14.5	79	-	15	17	15	12	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6.00	-		
SCOLE	9 9	27	21.2	10.6	15.9	-	26.1	15	4.0	28	16.9	16.6	73	-	17	26	13	11	0	0	0	0	3	0	0														

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (H:OBT) MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL H 09 GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE												
			MEANS OF		HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE								
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE					MIN.	DATE	AMOUNT	DATE														0.2 MM OR MORE	1.0 MM OR MORE						
8A WALES S CONTINUED																																					
WEST GLAMORGAN																																					
MUMBLES HEAD	21-9	36	17.7	12.5	15.1	21.0	20	9.5	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEATH	9-9	62	18.8	11.7	15.3	21.9	6	7.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PENMAEN	9-9	7	18.3	11.5	14.9	21.1	3	8.3	3	16.8	16.4	150	123	35	7	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PORT TALBOT	9-9	7	19.7	11.8	15.7	23.3	3	7.2	3.19	109	103	111	113	11	13	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWANSEA	9-9	8	19.1	12.5	15.8	-0.7	21.8	20	10.0	107	102	107	102	27	13	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MID GLAMORGAN																																					
LLAYTON	9-9	242	17.3	8.9	13.1	20.5	20	4.2	28	108	76	24	13	18	14	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTHKHAL	9-9	6	18.8	11.9	15.3	21.5	3	8.5	19	-	-	101	14	3	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH GLAMORGAN																																					
CARDIFF	9-9	62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHOOSE AIRPORT	21-9	67	18.9	10.7	14.8	22.8	15	5.7	28	95	13	9	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gwent																																					
CRUMLAND	9-9	245	18.3	10.3	14.3	21.5	15	7.6	28	14.8	14.1	81	18	13	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWPORT	9-9	23	19.8	9.4	14.6	23.1	15	4.3	28	86	17	13	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREDEGAR	9-9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK	9-9	21	20.4	8.9	14.7	-0.9	24.0	15	3.0	83	24	13	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8B ENGLAND SW																																					
AVON																																					
BATH	9-9	118	19.1	11.4	15.3	21.8	3.21	7.4	28	16.4	-	79	18	25	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILTON	21-9	59	19.6	11.1	15.3	-0.8	23.2	15	4.8	93	19	25	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG ASHTON	9-9	51	19.5	10.7	15.1	-0.9	22.6	15	6.0	105	112	19	3	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET																																					
CANNINGTON	9-9	23	19.8	11.0	15.4	-1.0	24.0	15	5.5	107	147	37	3	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEODAR	9-9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY	9-9	183	18.7	10.8	14.7	22.0	20	6.5	28	116	25	25	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTON	21-9	336	17.9	9.7	13.8	21.8	15	5.4	28	120	17	3	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAWKRIIDGE	9-9	314	17.0	9.5	13.3	20.4	20	4.8	28	129	20	8	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE	9-9	96	19.1	9.9	14.5	22.5	15	3.3	28	86	20	3	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RODNEY STOKE	9-9	40	19.5	10.4	14.9	22.5	20	6.3	28	109	23	18	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINCANTON	9-9	114	19.7	10.5	15.1	23.0	21	3.5	28	116	21	3	16	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEOWILTON	21-9	18	19.8	10.1	14.9	23.5	3	4.2	28	101	27	3	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
DORSET																																					
BOURNEMOUTH	21-9	10	20.1	10.4	15.3	22.6	21	3.0	28	84	22	30	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HURN AIRPORT	9-9	40	19.5	11.6	15.5	-1.0	21.7	22	5.3	88	134	20	25	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRISTCHURCH	9-9	3	20.0	(10.4)	(15.2)	22.0	20	3.5	28	87	27	30	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POOLE	9-9	5	20.3	11.1	15.7	-0.9	22.6	21	4.5	105	29	30	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTLAND BILL (COASTGUARD)	21-9	53	18.1	13.1	15.6	-0.5	20.2	3.19	10.6	134	34	25	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHAFESBURY	9-9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHANAGE	9-9	11	18.7	12.5	15.6	-0.9	21.0	21	6.6	98	151	30	30	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYMOUTH	9-9	23	19.4	12.1	15.7	22.0	19	7.1	28	132	34	3	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
WIMFRITH	9-9	26	19.6	10.5	15.1	22.1	21	3.1	28	113	34	30	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON																																					
CHELDON BARTON	21-9	164	18.9	9.9	14.4	22.4	21	4.8	28	110	17	25	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHIVENOR	21-9	6	19.2	12.0	15.6	-0.6	22.6	3	7.5	116	26	31	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXETER AIRPORT	21-9	32	19.7	11.0	15.3	-0.7	22.5	16	4.6	110	30	3	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXMOUTH	9-9	59	19.3	11.9	15.6	-0.3	22.5	16	6.5	171	44	3	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HARTLAND POINT	21-9	91	17.3	12.8	15.1	-0.4	19.8	9.4	28	100	121</																										

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HIGHT) OF OBSERVATION	MIN. HEGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		90 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT BH	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT BH	AIR FROST	WIND CHILL DEG C	WIND CHILL DEG F	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE						
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							0-2 MM OR MORE	1-0 MM OR MORE																	
NORTHERN IRELAND																																			
LONDONDERRY																																			
AGHANLOO	9 9	18	18.0	10.0	14.0	-	20.5	24.25	5.0	4	-	-	50	7	28	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BANAGHER (CAUGH HILL) ...	9 9	216	16.7	8.2	12.5	-	19.0	5	3.0	14.19	-	-	75	15	28	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLERAINE UNIVERSITY ...	9 9	23	17.6	9.5	13.5	-	20.5	15	4.5	14	-	-	57	7	5	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COOLKEERAH	9 9	3	18.6	10.0	14.3	-	21.7	4	5.2	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNOYD FOREST	9 9	88	17.2	8.4	12.8	-	20.1	5	3.5	14	-	-	62	11	28	23	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GARYVAGH FOREST	9 9	88	17.4	8.6	13.0	-	21.0	15	3.1	13	-	-	74	12	28	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGHMORE FOREST	9 9	174	17.0	8.1	12.5	-	20.1	5	0.2	19	-	-	73	7	20	27	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MONEYDIG	21-9	34	18.1	9.1	13.6	-0.4	20.9	15	1.9	19	-	-	65	69	10	28	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET FOREST	9 9	43	18.3	9.7	14.0	-	23.5	16	5.2	13	-	-	71	9	9	19	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TRADD POINT	9 9	16	18.6	8.9	13.7	-	20.6	15	0.5	18	-	-	68	10	3	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ANTRIM																																			
ALDERGROVE AIRPORT	21-9	68	18.3	10.2	14.3	-0.0	21.4	15	3.8	19	-	-	56	18	9	20	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALTNAMINCH	9 9	226	16.5	8.9	12.7	-	19.0	5	3.2	19	-	-	75	10	3	24	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYLUMFORD	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYMONEY	9 9	55	18.6	9.2	13.9	-	20.6	6	4.3	13	-	-	76	9	5	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST	9 9	152	17.1	9.2	13.1	-	19.5	5.15	3.5	19	-	-	59	7	9	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GREENMOUNT	9 9	32	18.4	8.7	13.5	-	21.6	5	0.6	19	-	-	67	28	9	19	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILROOT	9 9	22	17.8	10.6	14.2	-	20.6	15	5.8	19	-	-	70	23	9	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LARNE	9 9	43	18.9	10.2	14.5	-	22.0	15	5.0	19	-	-	80	24	9	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISNAFILLAN	9 9	38	17.7	8.8	13.3	-	20.0	5.15	1.0	19	-	-	66	9	9	22	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LDMTOWN	9 9	271	15.7	8.5	12.1	-	18.4	15	3.9	27	-	-	111	22	9	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MALUSKI (HYDE PARK)	9 9	134	17.7	9.7	13.7	-	20.0	15.23	3.5	19	-	-	61	17	9	15	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST	9 9	235	15.9	8.5	12.2	-	18.5	5	3.3	19	-	-	90	14	17	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WOODBURN NORTH	9 9	217	16.3	9.2	12.7	-	19.5	15	4.1	19	-	-	93	78	25	9	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BELFAST																																			
MALONE	9 9	35	18.5	10.0	14.3	-	21.3	15	4.4	19	-	-	55	17	9	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTONABBAY	9 9	32	18.2	11.7	14.9	-	21.2	15	6.5	19	-	-	61	19	9	15	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSEBANK	9 9	47	18.6	10.7	14.7	-	21.3	15	5.5	19	-	-	57	18	9	22	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROSETTA	9 9	24	18.2	10.7	14.5	-	21.2	15	5.8	19	-	-	52	17	9	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STORMONT CASTLE	9 9	56	18.0	10.7	14.3	-	21.0	15	6.0	19	-	-	56	21	9	19	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWN																																			
BALLYWALTER PARK	-	11	-	-	-	-	-	-	-	-	-	-	57	31	9	18	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMBER CEMETERY	9 9	11	18.5	10.2	14.3	-	21.5	15	4.5	19	-	-	66	32	9	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CREIGHTONS GREEN	9 9	119	17.0	-	-	-	20.0	15	-	-	-	-	79	24	9	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNPATRICK	9 9	26	18.3	10.6	14.5	-	20.2	8	5.5	13	-	-	64	21	9	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HELLENS BAY	9 9	43	18.7	11.0	14.9	-	21.3	15	7.0	19	-	-	67	23	9	21	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HILLSBOROUGH	9 9	116	17.4	9.9	13.7	-0.2	20.4	15	4.1	19	-	-	66	13	9	23	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILKEEL	21-9	18	16.7	11.1	13.9	-0.8	20.0	17	6.0	19	-	-	35	11	9	15	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KILLOUGH	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLOUGH	9 9	9	18.1	10.3	14.2	-	21.4	23	2.7	19	-	-	14.7	13.7	59	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWRY ABBEY	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARMAGH																																			
ARMAGH	9 9	62	18.7	10.2	14.5	-0.2	22.1	15	4.5	19	-	-	17.1	15.9	58	66	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUGHGALL	9 9	25	18.2	9.9	14.1	-	20.9	15	3.7	19	-	-	75	13	9	24	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LURGAN	9 9	55	18.6	10.3	14.5	-	21.2	15	3.5	19	-	-	15.7	14.6	68	13	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PORTADOWN	9 9	16	18.6	10.3	14.5	-	21.6	15	3.6	19	-	-	15.6	14.7	70	17	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TANDRAOEE	9 9	43	19.2	9.7	14.5	-	21.4	15	2.0	19	-	-	50	15	9	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TYRONE																																			
BARONSCOURT FOREST	9 9	88	-																																

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1974

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 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW		
								0	1-2	3-5	6-7	8											SKY OBTAINED	34 OR MORE	22-33	11-21	1-10									CALM	
		NUMBER OF OBSERVATIONS																																			
6 SCOTLAND W - CONTO. DUMFRIESSHIRE																																					
237	3	1014.7	-	9.3	0.6	11.1	93	5.1	3	6	4	7	11	0	0	0	0	0	4	3	0	5	6	5	0	1	4	14	12	2	1	0	3	5	5	3	0
	9	1014.4	+2.3	13.0	1.7	12.3	82	6.5	0	1	6	14	10	0	0	0	0	0	3	1	10	11	6	6	0	1	9	16	5	0	3	2	2	9	7	3	0
	15	1014.0	-	14.9	2.4	12.9	76	6.5	0	0	5	22	4	0	0	0	0	0	2	2	5	13	9	0	0	0	14	16	1	2	2	1	4	12	7	2	0
	21	1014.9	-	11.2	0.9	12.0	89	6.0	0	3	8	11	9	0	0	0	0	1	4	2	8	9	7	0	0	1	4	16	10	1	0	1	1	9	4	4	1
2 ENGLAND E & NE NORTHUMBURLAND																																					
ACKLINGTON	3	1014.4	-	10.4	0.5	12.0	94	4.4	3	11	1	7	8	1	0	1	0	0	0	2	6	2	7	13	0	0	1	25	5	0	1	1	2	2	4	16	0
	9	1014.5	+2.3	15.1	2.0	13.6	79	5.5	0	4	10	9	8	0	0	0	1	1	4	5	2	2	16	0	1	6	23	1	1	4	1	3	8	4	8	1	
	15	1014.2	-	16.6	2.6	14.0	75	6.2	0	2	4	19	5	1	0	1	0	2	0	1	4	0	8	15	0	2	11	17	1	4	1	3	4	5	6	7	0
	21	1014.7	-	12.9	0.9	13.3	89	5.4	0	7	4	15	4	1	0	1	0	0	2	2	3	2	11	10	0	0	1	27	3	1	1	1	2	6	9	5	3
SEARHOUSES	3	1013.7	-	11.6	1.2	11.8	85	4.6	1	8	10	5	6	1	0	1	0	0	0	0	5	6	17	2	0	1	3	25	2	0	0	1	0	11	6	11	0
	9	1013.9	-	14.6	2.2	12.6	76	5.6	0	5	7	12	6	1	0	0	1	1	6	4	10	8	0	0	1	10	20	0	2	2	3	4	5	6	8	2	
	15	1013.6	-	16.5	3.2	12.7	69	6.3	0	1	7	17	5	1	1	0	0	0	1	2	4	3	9	11	0	1	12	17	1	5	2	2	2	6	6	6	1
	21	1014.0	-	13.6	1.6	12.8	82	5.3	0	5	9	13	3	1	0	0	1	0	1	2	4	2	16	5	0	0	3	25	3	1	2	0	1	9	9	5	1
TYNE & WEAR TYNEMOUTH																																					
40	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	1014.7	+2.2	14.5	2.0	12.9	78	5.6	0	2	12	8	8	1	0	1	0	0	2	0	5	13	10	0	0	0	13	17	1	5	1	2	1	5	6	9	1
	15	1014.5	-	16.3	3.2	12.7	70	6.1	0	1	11	12	5	2	0	2	0	0	2	0	3	8	16	0	0	2	19	10	0	3	2	3	4	5	5	9	0
	21	1014.9	-	14.6	2.0	13.1	78	5.7	0	2	9	14	5	2	0	1	0	0	1	3	17	9	0	0	0	0	10	20	1	2	2	0	2	12	3	9	0
NORTH YORKSHIRE																																					
LEEMING	3	1015.1	-	11.5	0.6	12.6	92	4.5	2	7	8	8	5	1	0	1	0	0	2	3	10	2	8	5	0	3	23	5	3	0	1	6	10	1	3	2	
	9	1015.2	+2.3	14.9	1.9	13.5	80	5.9	0	4	5	14	7	1	0	0	0	2	1	2	4	6	8	8	0	0	7	22	2	5	1	4	7	3	6	2	
	15	1014.8	-	18.1	4.0	13.0	63	6.5	0	0	6	19	6	0	0	0	0	0	1	3	7	3	17	0	0	0	15	16	0	2	2	1	3	4	8	10	1
	21	1015.5	-	14.3	1.7	13.5	82	5.6	0	6	5	13	7	0	0	0	0	0	1	1	6	9	14	0	0	0	3	27	1	0	2	0	7	6	6	3	
WHITBY C.O.	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	1015.0	-	14.9	1.9	13.6	80	5.5	0	3	11	10	5	2	1	1	0	0	1	0	6	10	4	0	0	10	20	1	3	1	1	2	9	5	5	4	
	15	1014.8	-	17.1	2.9	13.9	72	6.0	0	1	8	15	7	0	0	0	0	0	2	4	8	11	6	0	0	1	12	17	1	1	5	3	5	5	6	4	
	21	1015.3	-	14.1	1.4	13.6	84	5.7	0	2	11	8	9	1	1	0	0	0	1	6	12	10	1	0	0	1	9	19	2	1	0	1	3	15	6	1	2
HUMBERSIDE																																					
MILNSEA	3	1015.4	-	13.5	0.9	14.0	90	4.1	5	9	5	3	9	0	0	0	0	0	1	1	3	26	0	0	0	1	11	15	4	1	2	1	2	11	2	7	1
	9	1015.7	+2.4	15.5	1.6	14.6	83	5.4	0	3	11	11	6	0	0	0	0	0	2	3	25	1	0	0	0	0	14	15	2	3	2	3	0	8	4	8	1
	15	1015.5	-	17.3	2.9	14.2	73	5.6	0	1	16	5	9	0	0	0	0	0	2	2	25	2	0	0	0	1	19	9	2	0	6	2	4	4	6	7	0
	21	1015.8	-	15.1	1.5	14.4	84	5.0	1	5	11	6	8	0	0	0	0	0	1	0	3	26	1	0	0	1	12	18	0	2	0	6	6	5	5	6	1
LINCOLNSHIRE																																					
BIMBROOK	3	1015.5	-	11.4	0.6	12.6	93	4.7	5	6	3	6	10	1	0	1	0	2	1	2	9	9	7	0	0	6	23	2	3	2	0	1	10	7	2	4	
	9	1015.7	-	15.2	1.9	13.8	80	5.9	0	4	5	16	6	0	0	0	0	0	2	7	9	13	0	0	0	1	14	15	1	2	2	2	1	6	9	5	3
	15	1015.4	-	17.7	3.9	12.7	63	5.9	0	3	8	14	6	0	0	0	0	0	3	6	20	2	0	0	0	1	20	10	0	0	2	6	1	6	6	8	2
	21	1016.0	-	13.2	1.2	13.2	86	5.0	0	8	8	9	6	0	0	0	0	0	3	6	6	16	0	0	0	0	4	25	2	0	1	1	3	7	2	7	1
WADDINGTON	3	1015.5	-	12.1	0.7	13.1	92	4.7	4	5	9	2	11	0	0	0	0	1	1	4	11	10	4	0	0	0	1	30	0	2	2	1	4	5	11	3	3
	9	1016.0	+2.4	15.4	1.7	14.4	82	5.5	0	6	7	12	6	0	0	0	0	0	2	9	8	11	1	0	0	12	19	0	1	2	2	5	3	7	8	3	
	15	1015.4	-	18.8	4.2	13.4	62	6.0	0	1	9	14	7	0	0	0	0	0	1	7	18	4	0	0	0	14	17	0	1	2	4	2	4	5	12	1	
	21	1016.0	-	14.3	1.5	13.7	83	5.2	2	6	3	13	7	0	0	0	0	0	1	1	3	11	13	2	0	0	3	28	0	1	2	5	6	4	8	4	1
3 EAST ANGLIA NORFOLK																																					
COLTISHALL	3	1015.8	-	12.1	0.6	13.4	94	5.1	3	7	2	10	8	1	0	1	3	1	3	2	7	8	6	0	0	0	3	17	11	2	1	1	1	3	4	6	2
	9	1016.2	-	16.4	2.2	14.6	78	5.7	0	5	6	11	9	0	0	0	0	0	3	6	6	13	3	0	0	11	18	2	1	3	1	3	3	5	9	4	
	15	1015.9	-	19.0	4.2	13.5	62	6.1	0	4	3	17	7	0	0	0	0	0	4	3	18	6	0	0	0	15	15	1	2	4	2	5	3	4	7	3	
	21	1016.4	-	14.0	1.1	14.0	88	5.1	1	6	7	11	6	0	0	0	0	0	4	5	8	14	0	0	0	2	23	6	1	2	6	4	4	4	4	0	
GORLESTON	3	1015.7	-	1																																	

MONTHLY WEATHER REPORT

SEPTEMBER 1974

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 91

NUMBER 9

Changeable and mostly cold.

For most of the month the weather over the United Kingdom was dominated by a succession of depressions and fronts which moved rapidly from the Atlantic. One or two of the intervening ridges of high pressure were moderately intense as they crossed the country but most were weak and their influence on the weather was usually short lived.

Weather

The month was wet, windy and mostly cold. There were frequent periods of rainy weather and the intervening finer spells were often showery. Rainfall was heavy in places and was sometimes accompanied by hail and thunder. Towards the end of the month a few showers of snow or sleet were reported in Scotland and over the mountains of North Wales.

Wind

Winds were often fresh or strong and blew mostly from a southerly or westerly point. There were gales at times in parts of Scotland and Northern Ireland but they occurred most frequently in England and Wales, especially during the first week. On the 2nd gales were severe in southern districts and a gust of 62 kt was measured at Plymouth, Mount Batten. On the 7th severe gales were more widespread and gusts of 60 kt or more occurred in many places. In the Midlands two men were reported to have been killed by falling trees and another man was struck and killed by an advertising sign which was blown down at Margate (Kent). Crops and fruit trees were extensively damaged and in parts of East Anglia and south-eastern England electricity supplies were disrupted when power lines were broken by falling branches. A tree uprooted during the gales derailed a train at Liphook (Hampshire) but, fortunately, there were no serious casualties. Further notable gales occurred in England and Wales from time to time during the last 10 days and on the 23rd gusts of around 70 kt were reported at several coastal stations in south-western England.

Temperature

Monthly mean temperatures ranged from about 1.5 degC below average in northern and eastern districts to about 2.0 degC below average in the west and south. However, in Shetland mean temperatures were close to average whereas in one or two places in Wales and south-western England they were as much as 2.5 degC below average. The first few days were warm in parts of Northern Ireland and northern Scotland but warm weather occurred more generally around mid month. The warmest districts were in the Midlands and in southern and eastern England and on the 16th a maximum temperature of 25.0 degC was recorded at East Dereham

(Norfolk). During the last two weeks it was very cold at times and air frosts occurred frequently in Scotland. During the night of 27th/28th the temperature fell to -6.0 degC at Braemar (Aberdeenshire) the lowest temperature recorded there in September since 1942. Air frost was also reported in some inland areas of England, Wales and Northern Ireland during the last few days.

Rainfall

In parts of northern, central and eastern Scotland and in a few small areas in eastern England monthly rainfall ranged from 50 to 100 per cent of average. Elsewhere monthly rainfall totals were above average and in most of southern England well over double the normal amount of rain fell during the month. Hartley Reservoir, Plymouth had 216.8 mm of rain, the highest monthly total for September since records began there in 1909. Showers or outbreaks of rain often occurred and at times the rainfall was very heavy. Some of the showers were of hail and later in the month a little snow or sleet fell in Scotland and North Wales. Thunderstorms were reported most frequently over England and Wales. During the first week falls of 50 mm or more in a period of 24 hours from 09 GMT (a 'rainfall day') were reported from a number of widely-separated stations. On the 2nd Foffany Reservoir (Co Down) had 80.0 mm, on the 4th 73.0 mm fell at Woking, Monument Way (Surrey) and on the 7th a fall of 86.6 mm was measured at Dinas Mawddwy (Gwynedd). In southern England many acres of farmland and several roads were flooded for a time. Rainfall was a little less frequent during the following two weeks and there were one or two dry days but heavy rain still fell at times. On the 12th thunderstorms occurred widely in England and Wales and southern Scotland. Lightning damage was reported and there were heavy downpours in several

localities. At Oxford 20 mm of rain fell in 15 minutes and in the 'rainfall day' 76.1 mm was recorded at Cally Market Gardens (Kirkcudbrightshire). Occurrences of heavy rain became more frequent after the 20th. During the 'rainfall day' of the 23rd Bhlaraith (Inverness-shire) had 67.5 mm of rain and at Winstitchen (Somerset) 64.7 mm fell in a 17-hour period from 18 GMT on the 26th. Further floods occurred in southern England and on the 28th, 19 cows were reported to have been saved by helicopter from drowning when they were caught in flood water at Sturminster Marshall (Dorset).

Sunshine

Despite the frequent rainfall there were sunny periods in many places and in Northern Ireland and most of England monthly sunshine totals were near or above average. In Shetland and the Outer Hebrides sunshine was around 140 per cent of average. By contrast, parts of Wales and western England had only 70 to 90 per cent of their normal sunshine.

Fog

In parts of Scotland and Northern Ireland early morning fog occurred on the first few days. The fog was reported more widely after the 10th especially in eastern and southern Scotland, the Midlands and eastern England. Coastal fog occurred mostly during the first two weeks, the districts chiefly affected being south-western England, eastern Scotland, and Shetland. Patches of fog occasionally enshrouded high ground especially during heavy rain.

Miscellaneous Phenomena

On the 23rd a whirlwind occurred at Folkestone (Kent). The aurora was seen on 13 nights in Scotland.

Table 1 District values

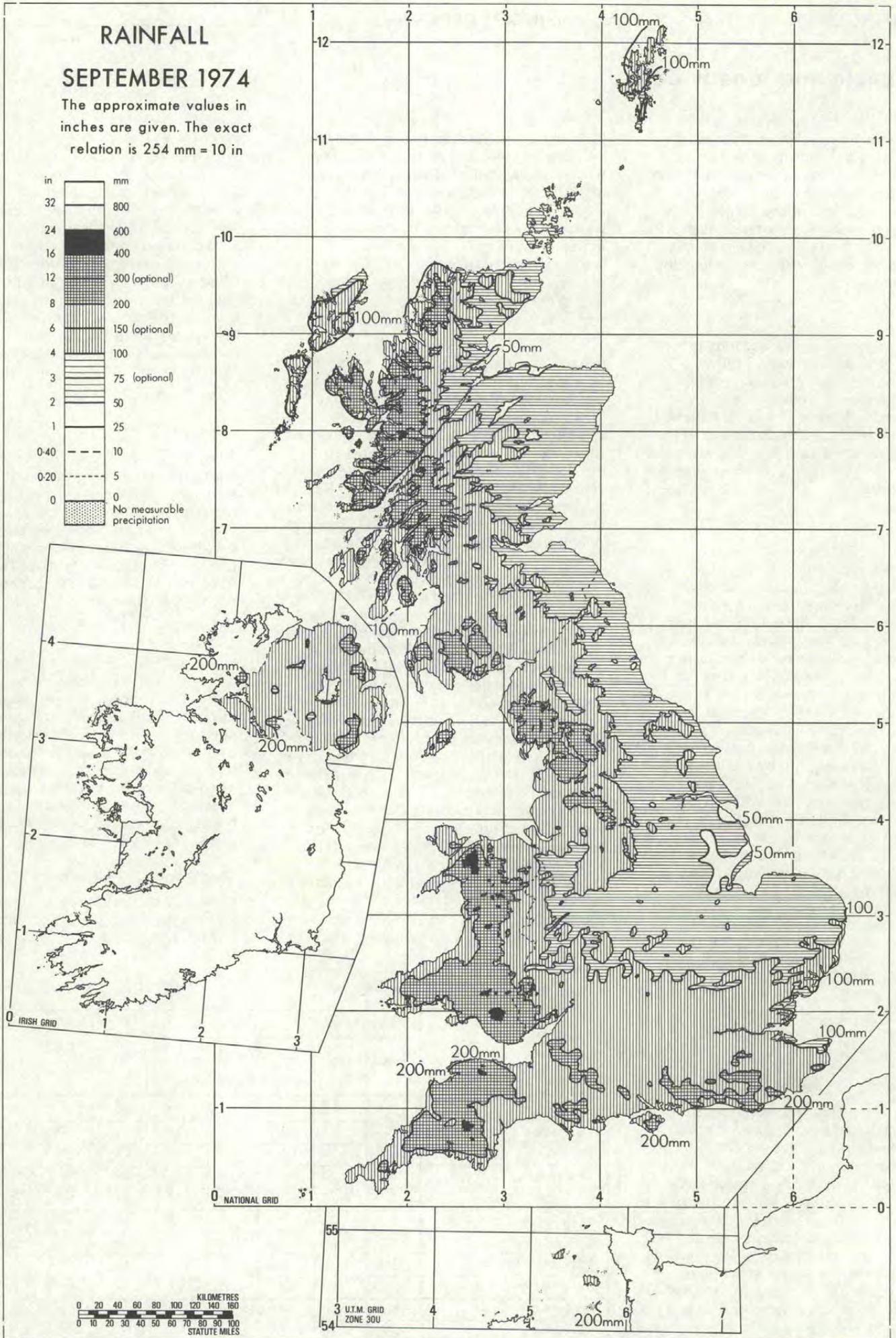
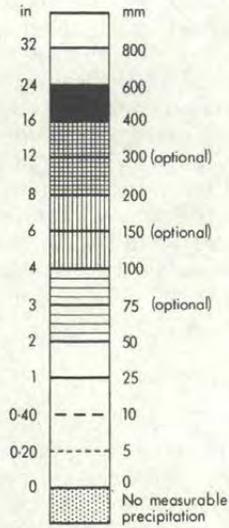
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	19.0	-2.0	-0.9	-1.7	-1.3	-0.5	+6	99	114
1 Scotland E	20.2	-0.3	-1.5	-1.7	-1.6	-0.9	+2	97	103
2 England E & NE	21.5	-1.5	-1.8	-1.4	-1.6	-0.8	+4	131	99
3 East Anglia	22.9	0.6	-1.8	-1.4	-1.6	-0.9	+7	175	111
4 Midland Counties	22.1	0.3	-1.7	-1.4	-1.5	-0.8	+7	171	111
5 England SE & Central S	21.6	0.8	-1.9	-1.6	-1.7	-0.9	+6	246	110
6 Scotland W	17.6	-4.0	-2.0	-1.5	-1.7	-0.7	+5	113	105
7 England NW & Wales N	21.6	-0.4	-2.0	-1.1	-1.6	-1.1	+7	155	96
8 England SW & Wales S	20.6	1.3	-2.4	-1.7	-2.0	-0.9	+8	198	107
N Ireland	18.4	-1.4	-2.0	-2.0	-2.1	-0.7	+5	148	103
Scotland	20.2	-4.0	-1.5	-1.6	-1.5	-0.7	+4	103	107
England & Wales	22.9	-1.5	-1.9	-1.4	-1.7	-0.9	+7	179	106

*Highest maximum and lowest minimum of District Value Stations.

RAINFALL

SEPTEMBER 1974

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



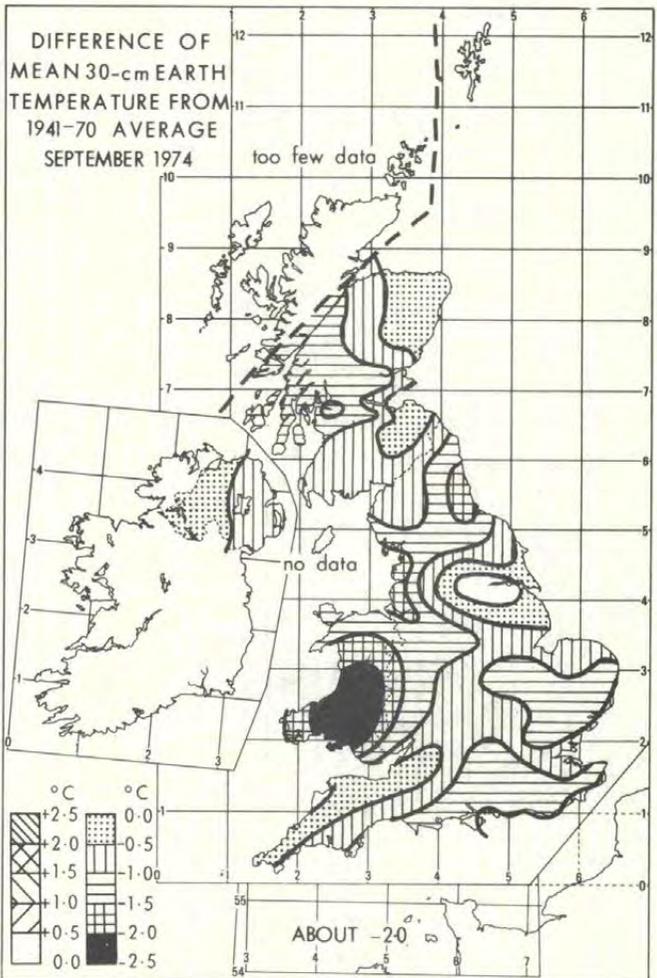
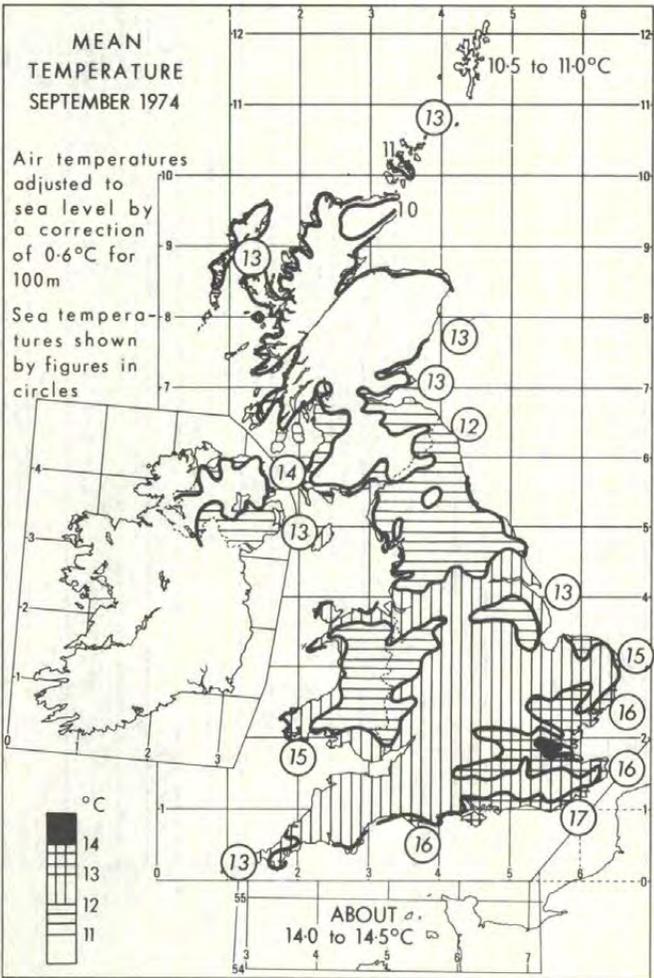
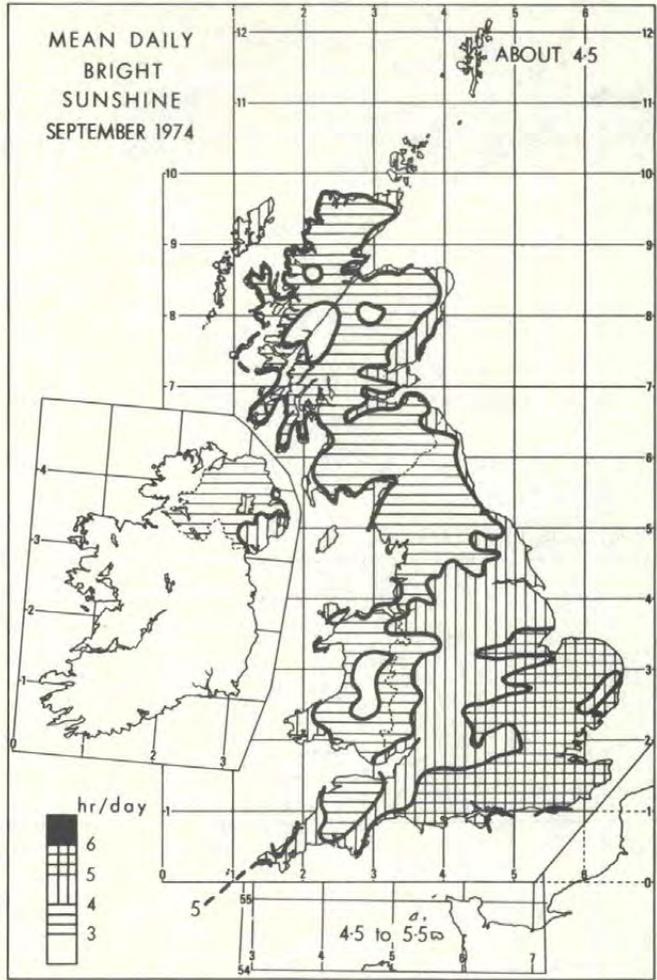
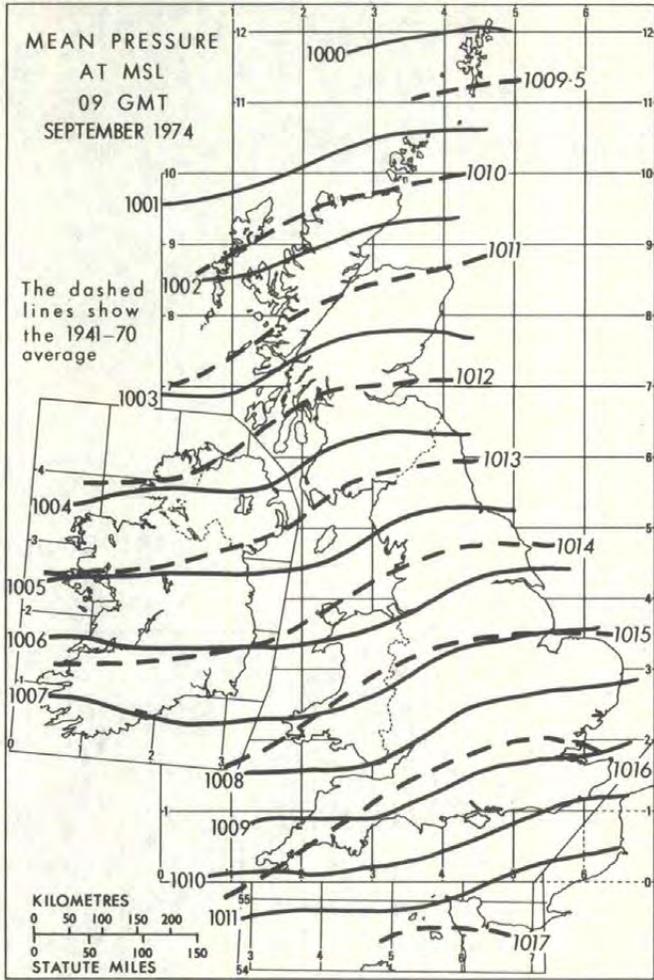


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	TERMINAL HEIGHT (METERS)		AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL HOURS)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE														
	MAX.	MIN.	MEANS OF		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREE C	100 CM DEGREE C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 0 DEG C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE							
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					0.2 MM OR MORE	1.0 MM OR MORE	0.2 MM OR MORE	1.0 MM OR MORE																			
	HEIGHT OF STATION ABOVE MSL (METRES)																																				
2 ENGLAND E & W - CONTINUED																																					
DURHAM	9	9	102	15.0	7.3	11.1	-1.7	20.7	13	0.7	29	12.0	12.9	65	111	15	2	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	3.83	94			
DURHAM ...	9	9	31	15.7	7.1	11.4	-	20.8	13	-1.7	29	-	-	69	-	15	2	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	3.27	-			
CLEVELAND	9	9	9	15.8	8.9	12.3	-1.5	20.8	13	1.3	29	-	-	64	-	12	2	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	4.17	-			
HARTBURN GRANGE	9	9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
HARTON	9	9	34	15.7	7.4	11.5	-	21.2	16	-0.5	29	-	-	90	159	18	2	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	4.14	109			
NORTH YORKSHIRE	9	9	6	15.8	7.7	11.7	-	21.0	16	-1.0	29	13.3	14.0	71	-	2	2	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	4.10	-			
ASKHAM BRYAN	9	9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
CAWOOD	9	9	175	14.0	7.6	10.8	-	19.5	16	1.1	29	12.0	-	102	-	2	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.13	-			
FILEY	21	9	32	15.5	8.2	11.9	-	20.0	15	0.4	29	-	-	77	-	23	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.04	-			
HIGH MOUTHORPE	9	9	395	11.8	6.4	9.1	-1.8	16.5	16	0.2	29	11.7	-	247	-	7	25	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
LEEMING	9	9	44	15.3	6.4	10.9	-	20.4	13	-2.6	29	-	-	79	-	2	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
PICKERING	9	9	53	15.3	8.7	12.0	-	20.6	16	2.0	29	13.1	13.7	74	142	18	23	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.74	108		
SCARBOROUGH	9	9	203	14.1	7.5	10.8	-	19.2	16	1.0	29	11.5	-	113	-	34	23	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
SILPHO MOOR	21	9	60	15.1	8.4	11.7	-	21.0	13	0.7	29	-	-	73	-	21	23	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
WHITBY (COASTGUARD)	9	9	20	15.5	7.9	11.7	-	21.1	16	-0.6	29	13.4	13.8	66	-	15	2	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.42	-		
YORK (HESLINGTON)	9	9	48	15.0	7.7	11.3	-	20.7	16	0.8	29	-	-	82	-	9	25	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.49	-		
HUMBERSIDE	9	9	3	16.3	7.9	12.1	-	21.5	13	-1.2	29	-	-	67	-	9	6	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
BRIDLINGTON	9	9	7	16.3	9.1	12.7	-1.6	21.5	13.16	3.0	29	-	-	33	66	9	17	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.85	83		
BRIGG	9	9	12	15.6	9.2	12.9	-1.4	21.5	16	1.0	29	14.3	14.8	87	162	13	6	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.68	109		
CLEETHORPES	21	9	12	16.3	9.3	12.3	-	20.0	13	3.5	29	-	-	58	-	9	17	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.52	-		
HULL	9	9	2	15.6	9.2	12.9	-1.4	21.5	16	1.0	29	14.3	14.8	87	162	13	6	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.68	109		
KILNSEA	21	9	12	16.3	9.3	12.3	-	20.0	13	3.5	29	-	-	58	-	9	17	20	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.52	-	
LINCOLNSHIRE	21	9	108	15.0	7.8	11.4	-	20.2	13	2.1	29	-	-	59	-	8	17	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.67	-		
BINBROOK	9	9	62	15.9	7.6	11.7	-2.1	20.2	13	2.1	29	13.9	15.2	56	114	8	2	22	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.02	110		
CRANWELL	9	9	7	16.1	7.6	11.9	-1.8	21.0	13	-1.5	29	14.1	14.1	56	-	11	2	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.67	-		
LINCOLN	9	9	5	16.4	9.1	12.7	-1.4	22.0	14	2.0	29	-	-	59	116	9	6	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.87	101	
SKEGNESS	21	9	68	15.8	8.3	12.1	-1.7	20.3	13	2.6	29	-	-	57	-	13	1	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.81	108	
WADDINGTON	9	9	5	16.4	9.1	12.7	-1.4	22.0	14	2.0	29	-	-	59	116	9	6	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.87	101	
3 EAST ANGLIA																																					
NORFOLK	21	9	17	16.9	8.3	12.6	-	23.1	16	1.5	29	-	-	66	-	9	23	18	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
COLTISHALL	9	9	20	17.3	8.2	12.7	-	23.8	16	2.0	29	-	-	67	-	12	4	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
COSTESSEY	9	9	54	16.7	9.1	12.9	-1.6	21.8	13-15	3.3	30	-	-	59	110	7	4,25	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.67	114	
CROMER	9	9	53	17.9	8.0	12.9	-	25.0	16	2.1	29	-	-	61	-	11	4	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAST DEREHAM	21	9	4	16.1	10.3	13.2	-1.5	21.2	13-14	4.3	30	14.4	14.7	109	210	24	23	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.35	107	
GORLESTON	21	9	23	16.9	8.1	12.5	-	23.0	16	2.7	29	-	-	66	-	11	4	15	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.05	-
MARHAM	9	9	48	16.8	8.0	12.4	-	23.0	16	2.3	30	13.5	-	69	-	15	4	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.51	-
MORLEY ST BOTOLPH	9	9	24	17.0	6.5	11.7	-	23.0	16	-3.1	30	13.4	13.7	76	-	15	4	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.12	-
SANTON DOWNHAM	9	9	27	17.1	8.2	12.7	-	23.0	16	1.8	30	13.7	14.6	88	-	21	4	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.20	-
SCOLE	9	9	3	17.1	7.8	12.5	-1.6	22.9	16	0.6	29	13.6	-	57	-	13	4	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.00	109
TERRINGTON ST CLEMENT	9	9	44	16.6	8.5	12.5	-	21.4	16	1.8	30	-	-	68	-	16	4	19	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.28	-
CAMBRIDGESHIRE	9	9	12	16.9	8.9	12.9	-1.5	21.2	14	2.0	29.30	13.9	14.6	89	194	19	5	19	17	0	0	0	0	0													

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

SEPTEMBER 1974

Table with columns for STATION, MAXIMUM °C, and MINIMUM °C. Rows list various stations like LERWICK (PSYCHROMETER), STORNOWAY, and CAMBRIDGE BOTANIC GARDENS, with corresponding temperature range counts.

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

SEPTEMBER 1974

Table with columns for DISTRICT COUNTY AND PLACE, HEIGHT OF VANE IN METRES, DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED, and HIGHEST VALUES. Rows are categorized by region (Scotland North, East, West; England East and Northeast; East Anglia) and list specific locations with wind speed distribution data.

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED							HIGHEST VALUES										
		ABOVE MSL	ABOVE GROUND EFFECTIVE	34 KT OR MORE (GALE FORCE)				22-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURLY WIND			DUST						
				NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS		HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	WIND DIRECTION	SPEED-KT	DAY	WIND BEGINNING	WIND FINISH	SPEED-KT	DAY	TIME				
CONTINUATION OF DISTRICT 3 EAST ANGLIA																					
HERTFORDSHIRE	GARSTON	94	15 10			0	0	0	71	481	168	0	6.1	220	19	7	09	220	51	7	1242
	ROTHAMSTED	141	13 10			0	1	1	61	325	333	0	4.9	230	22	7	11	230	47	7	1054
ESSEX	SHOEBURYNNESS	36	32 28	2	3 7 23	23	13	89	384	216	8	0	15.2	220	38	7	12	230	60	7	1718
	STANSTED	108	10 10			0	2	12	185	447	76	0	8.3	230	26	7	14	220	50	7	1100
4 MIDLAND COUNTIES																					
SOUTH YORKSHIRE	FINNINGLEY	19	10 10			0	3	18	231	381	90	0	9.3	220	32	7	14	220	51	7	1342
	SHEFFIELD	160	25 11			0	0	0	52	321	347	0	4.5	250	18	7	16	250	53	7	1642
NOTTINGHAMSHIRE	WATNALL	130	13 10			0	2	19	231	389	81	0	9.0	240	31	7	16	240	61	7	1724
STAFFORDSHIRE	KEELE	215	15 10			0	1	1	53	404	262	0	5.2	240	22	7	14	240	47	7	1342
LEICESTERSHIRE	COTTESMORE	143	13 13	7		1	6	37	318	327	37	0	11.3	230	34	7	16	230	55	7	1630
SALOP	SHAWBURY	84	12 10			0	3	14	191	404	111	0	8.4	250	31	7	13	250	52	7	1342
WEST MIDLANDS	BIRMINGHAM																				
	EDGBASTON	196	36 22			0	1	9	136	401	174	0	7.3	240	27	7	13	240	47	7	1454
	ELMDON AIRPORT	104	10 10			0	4	26	244	338	112	0	9.5	230	31	7	14	230	54	7	1406
HEREFORD & WORCS	PERSHORE	47	10 10	7		2	6	31	278	307	102	0	9.9	210	34	7	10	210	55	7	1106
DOLOUSTERSHIRE	FAIRFORD	88	10 10	7		1	4	29	257	365	68	0	10.0	230	34	7	14	230	55	7	1442
OXFORDSHIRE	ABINGDON	90	12 12			0	1	10	178	383	149	0	8.0	230	30	7	11	220	48	7	1330
	BRIZE NORTON	91	13 10			0	2	11	197	428	79	5	8.7	240	28	7	15	240	48	7	1448
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																					
GREATER LONDON	HAMPTON	42	31 30			0	3	16	208	336	152	8	8.6	230	33	7	13	230	54	7	1418
	HEATHROW AIRPORT	34	10 10			0	2	10	213	471	26	0	9.3	210	25	7	07	200	45	7	0718
	KEW	28	23 15			0	1	9	199	368	144	0	8.2	220	28	7	13	210	57	7	1330
	LONDON WEATHER CENTRE	93	70 38			0	2	19	278	399	24	0	10.3	230	28	7	13	230	55	7	1336
	POST OFFICE TOWER		174																		
WILTSHIRE	BOSCOMBE DOWN	130	17 17			0	4	35	295	313	77	0	10.5	230	32	7	09	240	47	7	1106
	LARKHILL	145	13 10			0	5	37	280	312	91	0	10.3	220	32	7	12	220	60	7	1230
	MIDDLE WALLOP	94	10 10			0	3	23	256	372	66	3	9.6	200	26	2	16	210	49	7	0618
	PORTON	120	10 10			0	8	47	273	312	88	0	10.6	220	33	7	09	230	58	7	1030
KENT	DUNGESS	16	10 10	2	3 5 7 23	20	14	160	321	192	27	0	15.8	200	37	7	08	220	59	3	0100
	ISLE OF GRAIN	15	12 10	7		6	11	66	324	228	56	40	12.5	230	36	7	14	220	52	7	1054
	MANSTON	62	18 18	7		8	12	97	280	306	29	0	12.8	210	37	7	09	210	63	7	0930
HAMPSHIRE	FARNBOROUGH	75	10 10			0	1	6	210	355	149	0	8.2	230	24	7	12	230	48	7	0936
WEST SUSSEX	GATWICK AIRPORT	69	10 10			0	1	13	232	337	138	0	8.9	230	31	7	12	240	49	7	1512
	THORNEY ISLAND	16	10 10	2	7	6	10	78	261	293	82	0	11.6	240	37	7	13	230	56	7	1154
7A ENGLAND NORTHWEST AND ISLE OF MAN																					
CUMBRIA	CARLISLE	41	13 9			0	0	0	165	391	164	0	7.2	270	18	8	10	220	36	21	1524
	GREAT DUN FELL	857	10 10	2-4	7 8 10 16 17 19-21 23 24	59	24	252	326	82	1	0	20.9	040	45	23	20	250	60	4	1706
	MOOR HOUSE	595	13 12	10	16 17 20	6	15	88	377	225	21	3	13.8	220	36	16	22	230	52	20	1854
LANCASHIRE	SELLAFIELD	25	12 11			0	2	13	349	325	33	0	11.0	240	26	4	15	240	38	4	1554
	FLEETWOOD	34	15 9	7		3	7	31	233	275	178	0	9.1	280	37	7	16	280	58	7	1554
	SQUIRES GATE AIRPORT	22	12 11	7		4	8	71	381	243	21	0	13.2	250	40	7	15	260	54	7	1618
MERSEYSIDE	RIGBIRTH	38	23 11			0	4	15	244	368	93	0	9.2	250	30	7	15	260	47	7	1618
	SOUTHPORT	19	14 11																		
	SPEKE AIRPORT	30	10 10			0	4	22	318	352	28	0	10.7	270	33	7	15	270	49	7	1548
GREATER MANCHESTER	MANCHESTER																				
	RINGWAY AIRPORT	80	10 10			0	2	16	208	379	117	0	8.5	240	29	7	13	210	47	7	1042
	WEATHER CENTRE	82	45 17			0	2	2	184	419	115	0	8.1	250	23	3	06	220	48	7	1442
ISLE OF MAN	POINT OF AYRE	20	10 10			0	12	75	419	205	14	7	13.7	310	31	7	15	160	47	7	0512
	RONALDSWAY	25	10 10			0	6	31	399	246	44	0	12.0	180	32	7	07	170	45	7	0648
7B WALES NORTH																					
DMYNEDD	VALLEY	26	16 12	7		11	16	153	364	170	22	0	15.7	190	42	7	06	180	64	7	0506
8A WALES SOUTH																					
DYFED	ABERPORTH	144	10 10	7 23		11	9	60	441	172	36	0	13.9	230	38	7	10	230	58	7	1048
	MILFORD HAVEN	47	10 10	7		9	9	78	409	201	23	0	13.7	240	45	7	08	240	68	7	0824
WEST GLAMORGAN	PORT TALBOT	28	12 11	7		8	8	57	332	208	115	0	11.5	250	37	7	09	250	59	7	0954
SOUTH GLAMORGAN	RHOOSE AIRPORT	74	10 10	7		4	7	39	325	286	66	0	11.6	260	36	7	11	260	58	7	1130
8B ENGLAND SOUTHWEST																					
DORSET	HURN AIRPORT	23	13 11			0	8	57	247	314	102	0	10.5	210	32	2	18	190	53	2	1354
	PORTLAND BILL CG	60	13 13	2	3 7 24 25	28	17	244	276	138	18	16	18.1	250	40	7	12	250	60	7	1442
DEVON	CHIVENOR	22	16 13																		
	MOUNT BATTEN	64	13 13	2 7 23		22	15	93	318	195	92	0	13.6	250	43	7	03	180	62	2	1136
CORNWALL	LIZARD	96	23 18	1 2 6 7 23-25 27		77	20	202	316	96	27	2	19.4	230	47	2	10	69	23	1499	
	ST MAWGAN	120	13 13	2 7 23-25		27	16	136	378	141	38	0	16.0	240	37	7	08	240	60	7	0836
	SCILLY (ST. MARY'S)	70	20 17	2 7 23 25		48	13	130	347	119	76	0	16.7	280	50	23	13	280	71	23	1336
CHANNEL ISLANDS																					
	JERSEY AIRPORT	98	18 12	23-25		19	16	125	383	166	27	0	16.1	310	43	24	01	240	57	23	1542
NORTHERN IRELAND																					
LONDONDERRY	COLERAINE UNIVERSITY	33	10 10			0	0	0	132	453	135	0	7.2	360	18	23	18	260	35	21	1048
ANTRIM	ALDERGROVE	80	10 10			0	1	1	301	373	45	0	9.7	340	22	7	11	100	40	7	0412
	BALLYPATRICK FOREST	166	13 13			0	4	18	416	228	29	29	12.1	110	30	7	04	100	45	7	0500
	BELFAST HARBOUR	21	18 18			0	4	18	300	335	65	2	9.8								

MONTHLY WEATHER REPORT

OCTOBER 1974

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 91

NUMBER 10



DUPLICATE ALSO

DUPLICATE

Changeable and cold

During the first 10 days and again from the 19th until the end of the month, depressions and fronts over or near the United Kingdom moved from directions between north-west and north-east. In the interim, a ridge of high pressure over England and Wales persisted for a few days and was followed by frontal systems which moved eastwards across the country from time to time.

Weather

It was cold generally and rather windy, especially on coasts and over high ground and although showers predominated there were more prolonged periods of rain at times. Some of the heavier showers were accompanied by hail and thunder. Showers of snow or sleet (snow mixed with rain or drizzle) occurred mostly over high ground in Scotland and northern England but occasionally they were reported farther south.

Wind

Winds blew mostly from directions between north-east and north-west and were frequently fresh or strong with gales at times especially around coasts and over high ground. Gales were occasionally widespread and severe and on the 27th gusts of 60 kt or more were reported at a number of stations in Scotland and northern England. The high-level station at Snaefell (Isle of Man) had a mean hourly wind speed of 81 kt and a gust of 96 kt.

Temperature

Monthly mean temperatures ranged from 1.5 to 2.0 degC below average in the north of Scotland to 2.5 to 3.0 degC below average in the south. In Northern Ireland, Wales and western England monthly mean temperatures were mostly 2.0 to 3.0 degC below average and in remaining districts they were 3.0 to 4.0 degC below average. This was probably the coldest October in Northern Ireland this century, in England and Wales as a whole since 1917 and in Scotland since 1926. Except for a few mild days temperatures were consistently below normal throughout the month and air frosts occurred in inland areas at times.

Rainfall (including melted snow)

Rainfall totals were near or below average in Northern Ireland and in most of Scotland

where some central and south-western districts had less than half of their normal amount of rain. By contrast, rainfall in parts of north-eastern and south-eastern Scotland was well above average. It was also wetter than average in parts of the Midlands and in eastern England where some places had nearly three times their normal rainfall. Most of the remaining districts were drier than average but more rain than usual fell in northern and western Wales and in almost the whole of Cornwall. Showers occurred frequently but at times there were more prolonged periods of rain as fronts crossed the country. The heavier showers were sometimes accompanied by hail, and thunder was often reported in England and Wales. On the 3rd lightning damaged a church tower in Derby. The 7th was a wet day, particularly in England and Wales, and at Barnetby-le-Wold (Humberside) 55.7mm were recorded during the 24 hours from 09 GMT. In a similar period on the 18th/19th, 59.4mm of rain fell at Honister House, Borrowdale (Cumbria). Although there were no completely dry days, rainfall was mostly slight and well scattered during the latter half of the second week and again on a few days during the fourth week.

Snow

Throughout the month showers of snow or sleet occurred mainly in northern districts and especially over high ground. However, on the 7th and again during the last week sleet or snow fell in a few places in East Anglia and south-eastern England but snow did not lie for any length of time. Towards the end of the month a few centimetres of snow accumulated in places on the slopes of the Grampians

and on the 28th following severe gales snow drifts nearly 1 metre deep were reported on some mountain roads in Scotland.

Sunshine

Monthly sunshine totals were above average in most of Northern Ireland, the Isle of Man, Shetland and also in western Scotland where some places around the Firth of Clyde had their sunniest October for 35 years. By contrast, sunshine was mostly below average in northern and eastern Scotland and at Nairn the total of 34 hours sunshine (38 per cent of average) was the lowest recorded there in any October since 1906. Over England and Wales sunshine was mostly near or below average with the dullest districts in the extreme north of England and in northern and south-western Wales.

Fog

For most of the month there were occasional, widely scattered fog patches but from the 12th to 18th fog occurred frequently at night in the Midlands, East Anglia and southern England and less often in parts of central and southern Scotland. During the same period hill fog was widespread and fog also affected coasts of northern Scotland and southern Wales at times. On a few days late in the month coastal fog patches were reported in northern Scotland, western and southern Wales, south-western England and the Channel Islands.

Miscellaneous Phenomena

The aurora was observed in Scotland on 14 nights.

Table 1 District values

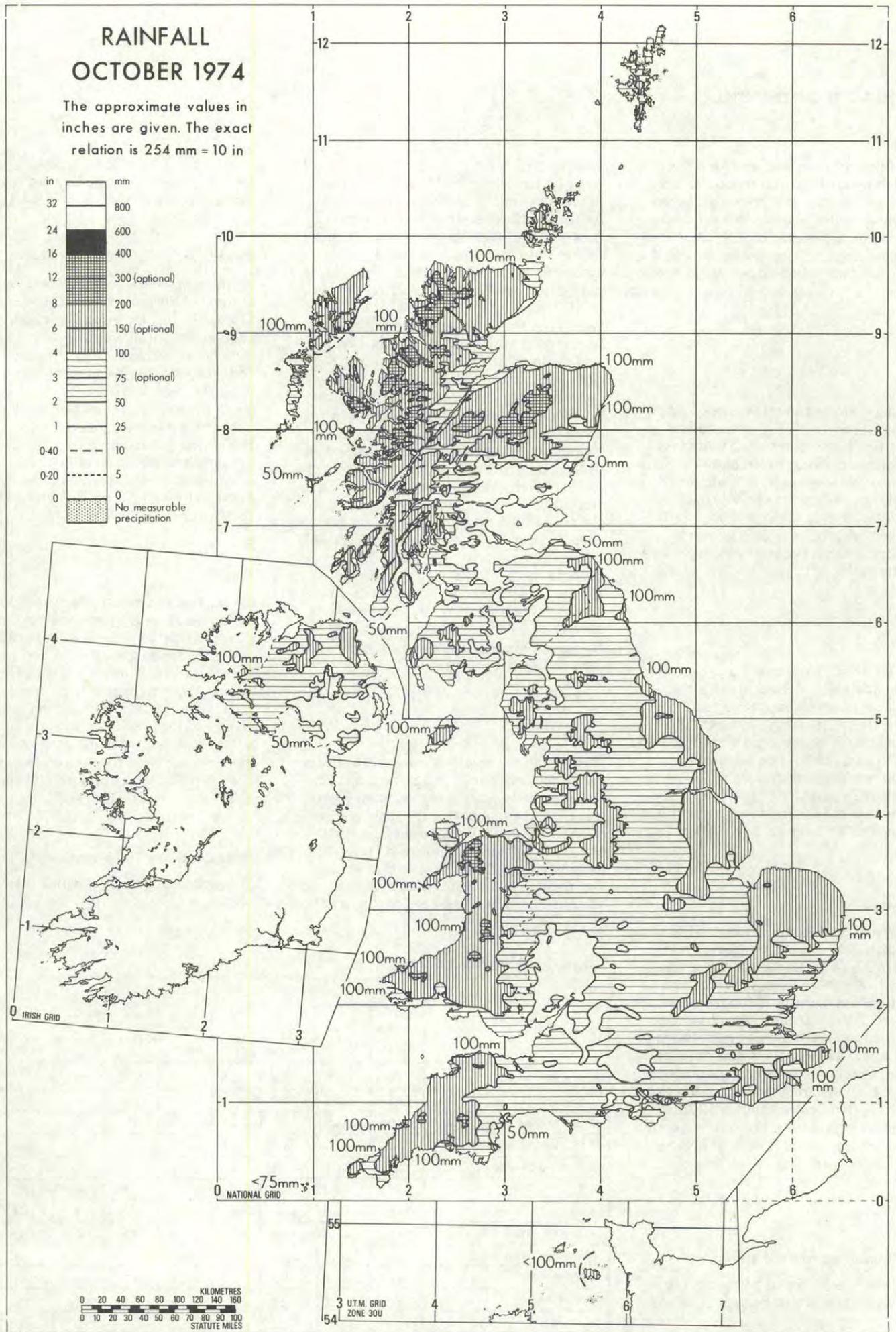
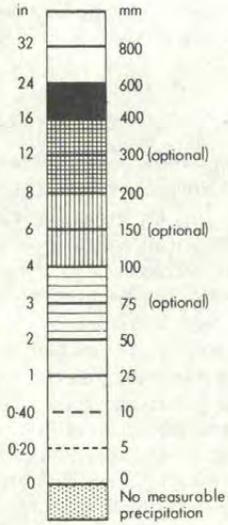
District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	14.0	-1.0	-1.7	-2.3	-2.0	-1.3	+5	77	90
1 Scotland E	14.2	-0.5	-2.7	-1.5	-2.1	-1.6	+4	98	69
2 England E & NE	13.9	-4.1	-3.5	-2.1	-2.8	-1.9	+5	191	84
3 East Anglia	14.0	-1.5	-4.1	-2.6	-3.4	-2.1	+7	188	85
4 Midland Counties	14.7	-1.4	-3.3	-2.1	-2.7	-2.2	+4	115	98
5 England SE & Central S	14.1	-2.4	-4.0	-3.0	-3.5	-2.5	+4	94	89
6 Scotland W	14.3	-3.0	-2.2	-2.6	-2.4	-1.9	-2	47	119
7 England NW & Wales N	13.9	-1.6	-3.2	-2.1	-2.6	-1.9	+4	103	76
8 England SW & Wales S	15.4	-0.2	-3.1	-2.3	-2.8	-2.1	+3	87	100
N Ireland	14.0	-0.5	-2.4	-2.4	-2.5	-1.7	+4	62	111
Scotland	14.3	-3.0	-2.2	-2.1	-2.2	-1.6	+2	74	93
England & Wales	15.4	-4.1	-3.5	-2.4	-3.0	-2.1	+5	130	89

*Highest maximum and lowest minimum of District Value Stations.

FH 3A

RAINFALL OCTOBER 1974

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



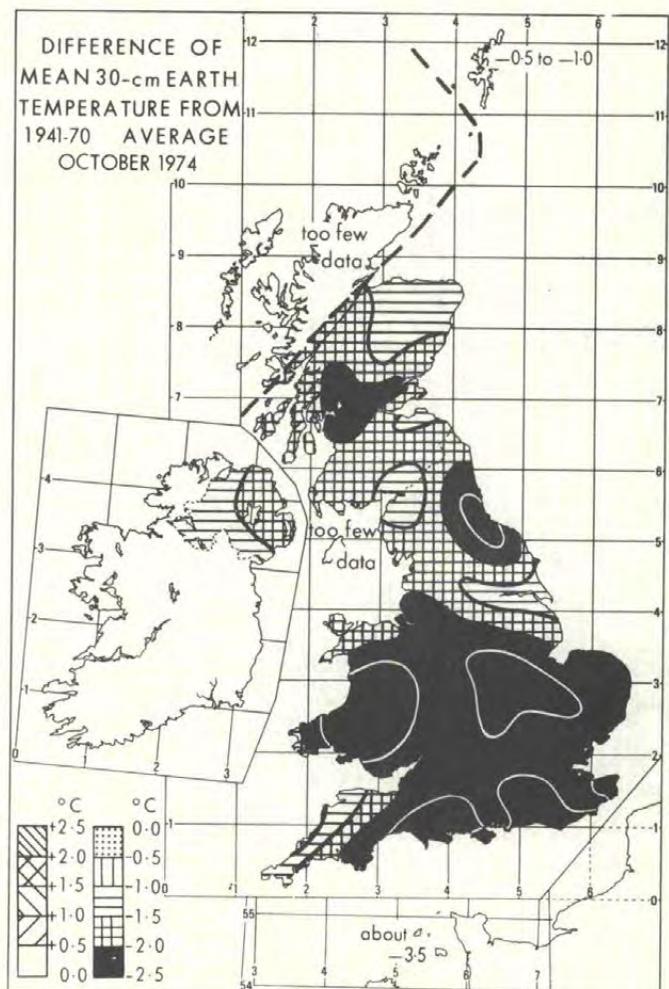
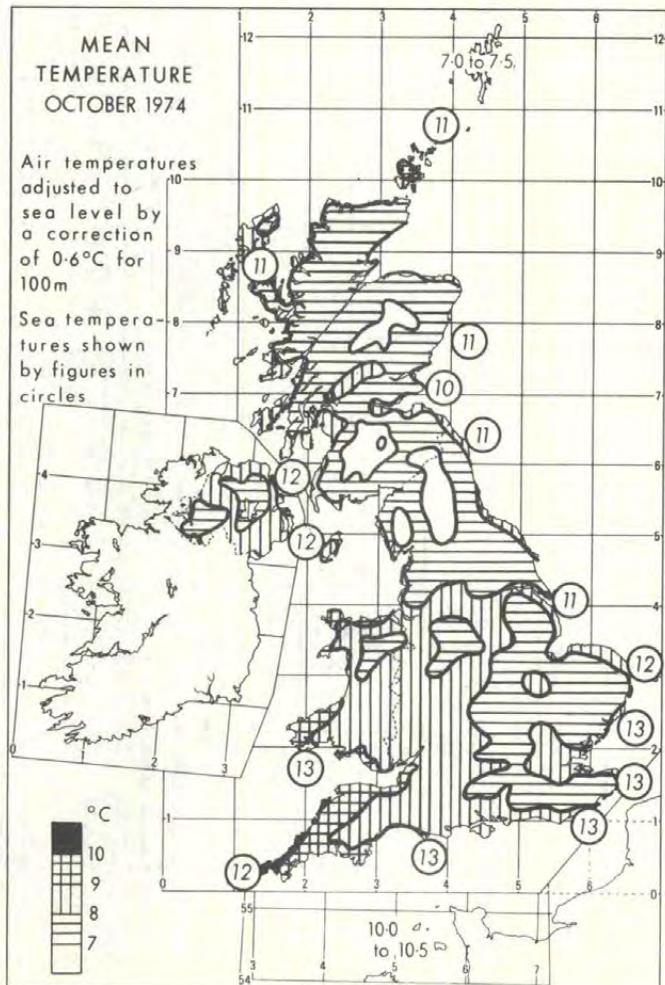
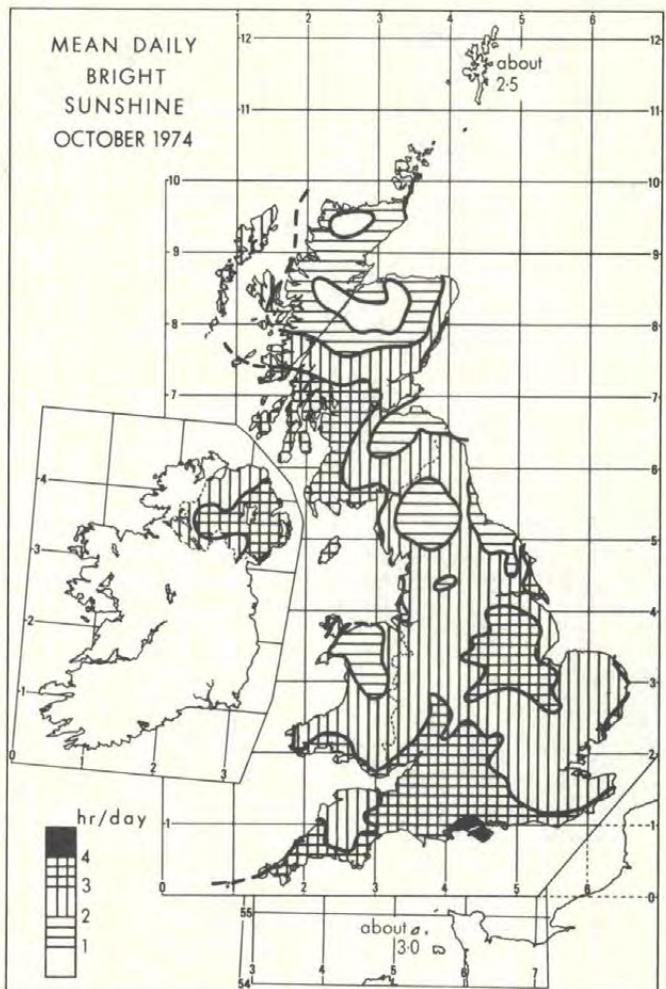
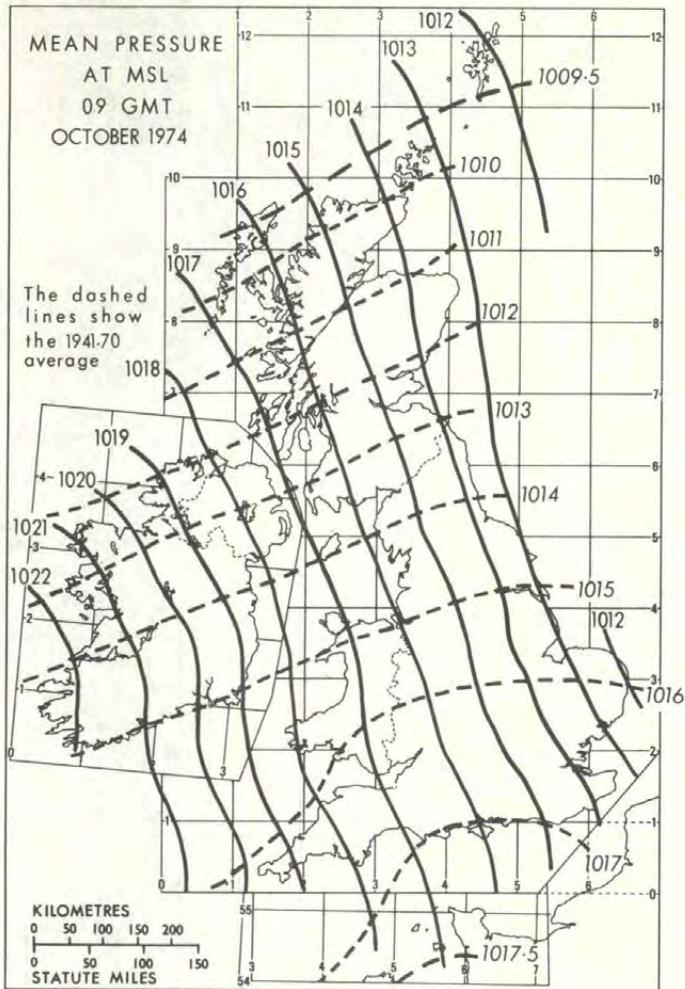


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF OBSERVATION	AIR TEMPERATURE IN DEGREES 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 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION	WIND SPEED	WIND GUSTS	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0-2 HR OR MORE	3-6 HR OR MORE														
			HEIGHT OF STATION ABOVE MSL (METRES)	MAX. (A)	MIN. (B)	OR DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1941-70 AVERAGE	MAX.	DATE	MIN.	DATE	30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	0-2 HR OR MORE	3-6 HR OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION	WIND SPEED	WIND GUSTS	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9	9	102	10.0	4.4	7.2	-2.6	12.8	26	0.4	31	8.2	10.4	76	144	10	3	20	16	-	0	-	-	-	1	0	13	-	-	2.05	67	
CLEVELAND	9	9	31	10.3	4.1	7.2	-	13.0	26	0.2	31	-	-	70	-	13	3	20	14	1	0	3	2	0	1	0	8	-	1.77	-		
HARTBURN GRANGE	9	9	9	10.8	5.6	8.2	-2.5	13.9	26	2.1	30.31	-	-	92	-	15	3	20	16	0	0	1	1	0	0	0	0	2	1.90	-		
MARTON	9	9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
NORTH YORKSHIRE																																
ASKHAM BRYAN	9	9	34	10.3	3.8	7.1	-	12.9	26.27	0.2	7.31	-	-	68	136	12	15	19	15	0	0	0	0	0	0	0	0	0	0	2.71	97	
CANOOD	9	9	6	10.4	4.3	7.3	-	13.2	26	-0.5	31	9.0	10.6	65	-	12	1	18	13	1	0	0	0	2	1	12	-	2.30	-			
FILEY	9	9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
HIGH MOUTHORPE	9	9	175	9.2	4.1	6.7	-	11.4	16	0.1	31	7.7	-	101	-	11	21	21	19	0	0	0	0	1	0	4	0	1.90	-			
LEEMING	21	9	32	10.5	4.7	7.6	-	13.7	26	-1.5	31	-	-	73	-	13	21	18	12	2	0	0	0	0	0	2	11	0	2.42	-		
MALHAM TARN	9	9	395	10.3	4.0	7.1	-	12.0	13	-1.7	30	7.9	-	95	-	12	18	24	17	1	0	0	0	1	3	13	-	0	-			
PICKERING	9	9	44	10.3	4.0	7.1	-	12.5	19	-0.9	31	-	-	115	-	16	28	21	15	0	0	1	0	0	0	0	0	0	0	0		
SCARBOROUGH	9	9	53	10.7	5.3	8.0	-	12.9	14	-1.2	31	8.7	10.6	130	245	18	28	22	17	0	0	2	0	0	0	0	3	1	3.07	94		
SILPHO MOOR	9	9	203	9.4	4.0	6.7	-	11.5	26	0.3	31	7.5	-	185	-	24	3	24	20	0	0	0	0	0	0	0	0	0	0	0		
WHITBY (COASTGUARD)	21	9	60	10.0	5.7	7.9	-	12.6	26	-0.5	28	-	-	55	-	6	6	22	18	0	0	1	0	1	1	1	0	14	-			
YORK (HESLINGTON)	9	9	20	10.5	4.5	7.5	-	13.5	26	-1.2	31	9.2	10.5	56	-	10	15	17	14	0	0	0	0	1	1	1	0	0	2.72	-		
HUMBERSIDE																																
BRIDLINGTON	9	9	48	10.5	4.4	7.5	-	12.7	3	0.8	2	-	-	132	-	18	28	19	18	0	0	1	0	2	0	1	4	3.01	-			
BRIGG	9	9	3	10.8	4.3	7.5	-	13.4	1	-0.7	31	-	-	132	-	32	7	18	16	1	0	0	0	1	2	16	-	0	-			
CLEETHROPES	9	9	7	-	-	-	-	-	-	-	-	-	-	123	273	21	6	16	16	0	0	0	0	0	0	0	0	0	2.42	72		
HULL	9	9	2	11.2	5.5	8.3	-2.7	13.9	14	0.7	31	9.8	12.0	129	269	27	7	19	16	0	0	0	0	0	0	1	0	3.06	1100			
KILNSEA	21	9	12	10.4	5.4	7.9	-	12.3	14	1.7	31	-	-	118	-	28	3	20	18	0	0	2	0	0	0	0	0	6	3.31	-		
LINCOLNSHIRE																																
BINBROOK	21	9	108	9.8	4.4	7.1	-	12.2	9.14	0.1	31	-	-	151	-	35	7	20	15	3	0	3	0	0	0	4	1	0	2.86	-		
CRAWNELL	9	9	62	10.2	4.6	7.4	-3.0	12.6	8	0.4	31	8.9	10.6	118	263	35	7	21	15	0	0	0	2	0	1	0	6	3	3.30	95		
LINCOLN	9	9	7	10.5	3.7	7.1	-3.2	13.0	8.9.26	0.1	31	9.7	10.7	103	-	36	7	21	13	0	0	0	0	0	0	0	0	0	3.06	-		
SKEDNESS	9	9	5	10.8	5.5	8.1	-2.9	13.0	74	1.5	31	-	-	115	239	16	28	16	16	0	0	0	0	0	0	0	0	0	2.78	82		
WADDINGTON	21	9	68	10.3	4.9	7.6	-2.9	13.0	8	0.2	31	-	-	103	-	29	7	23	14	1	0	1	0	0	0	4	1	0	3.23	98		
3 EAST ANGLIA																																
NORFOLK																																
COLTISHALL	21	9	17	10.9	5.1	8.0	-	13.0	1.3.4	0.6	17	-	-	138	-	15	7	24	18	0	0	3	0	1	1	0	5	2	0	-		
COSTESSEY	9	9	20	11.1	4.5	7.8	-	15.2	14	-0.1	31	-	-	143	-	19	3	25	19	1	0	0	2	1	1	1	12	3	-			
CROMER	9	9	54	10.7	6.1	8.4	-2.9	13.1	17	2.9	11	-	-	134	239	18	2.7	25	19	0	0	0	1	2	2	0	0	4	2.78	79		
EAST DEREHAM	9	9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GARLESTON	21	9	4	10.5	5.8	8.1	-3.6	12.4	2	3.2	21	10.1	11.6	89	146	9	28	23	21	0	0	1	1	1	0	2	1	0	3.05	83		
MARHAM	21	9	23	10.5	4.6	7.5	-	12.7	9	-0.3	1	-	-	129	-	10	3	21	18	1	0	1	2	1	1	7	1	0	2.82	-		
MORLEY ST BOTOLPH	9	9	48	10.3	4.5	7.4	-	13.0	1	0.5	31	8.8	-	115	-	14	28	22	16	0	0	1	0	0	1	0	9	0	2.76	-		
SANTON DOWNHAM	9	9	24	10.7	2.9	6.8	-	13.7	1	-2.6	18	9.0	10.6	120	-	16	3	21	16	0	0	0	0	7	7	17	-	2.47	-			
SCOLE	9	9	27	10.6	4.4	7.5	-	14.3	9	-0.5	18	8.4	10.2	118	-	15	6	18	14	2	0	0	0	0	1	1	6	0	2.58	-		
TERRINGTON ST CLEMENT	9	9	3	10.6	4.4	7.5	-3.2	13.1	1	0.2	31	9.3	-	103	-	15	6	18	15	0	0	0	0	1	0	0	7	0	3.05	91		
CAMBRIDGESHIRE																																
BOXWORTH	9	9	44	10.3	4.2	7.3	-	12.8	1.12	-1.7	31	-	-	83	-	16	6	18	16	0	0	0	0	2	1	8	-	2.84	-			
CAMBRIDGE																																
BOTANIC GARDENS	9	9	12	11.1	4.6	7.9	-3.0	14.0	1	-1.5	31	9.1	11.1	92	196	17	7	17	12	0	0	0	0	0	2	-	0	-	-			
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9	9	26	10.7	4.7	7.7	-	13.2	18	-0.1	31	-	-	85	-	16	6	16	14	0	0	0	0	0	0	1	4	0	3.12	89		
MARCH	9	9	2	10.9	4.8	7.9	-	13.5	9	0.0	31	-	-	90	204	12	3	21	16	0	0	0	0	1	2	0	0	0	0			
MEPAL	9	9	1	10.7	4.1	7.4	-	13.2	9	-0.8	1	9.8	12.0	94	-	20	4	21	15	0	0	1	0	0	1	3	10	-	2.87	-		
MONKS WOOD	9	9	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
WITTERING	9	9	73	10.5	5.0	7.7	-	13.3	9	0.4	31	-	-	97	-	18	7	22	13	1	0	0	0	1	0	5	1	0	3.13	-		
WYTON	21	9	40	10.5	5.1	7.8	-	13.3	14	-0.3	31	-	-	73	-	11	3	19	15	0	0	1	0	0	0	1	5	2	0	-		
SUFFOLK																																
ALDEBURGH	9	9	75	9.9	4.3	7.1	-	12.6	1	-0.1	31	8.3	10.4	107	-	19	6	19	15	2	0	1	0	1	2	1	2	0	3.33	-		
BROOMS BARN	9	9	4	11.0	4.3	7.7	-	14.3	1	-0.9	18	-	-	35	-	16	7	18	15	0	0	0	0	1	1	13	-	0	-			
EAST BERGHOLT	9	9	7	10.3	4.5	7.4	-	13.3	9	-0.5	31	-	-	96	-	15	6	18	14	3	0</											

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																							
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 39M	40 - 190M	200 - 350M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE					SPEED (KT)													
								0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
		NUMBER OF OBSERVATIONS																																							
0 SCOTLAND N																																									
SHETLAND																																									
LERWICK	03	3	1012.3	-	5.9	0.9	8.1	87	5.8	0	5	6	11	9	0	0	0	0	0	0	0	2	5	20	4	0	4	10	15	2	16	1	2	0	1	2	2	5			
	9	9	1012.6	+ 3.1	6.6	1.2	8.3	84	6.4	0	2	4	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	3	12	13	3	11	2	1	0	4	2	1	7		
	15	15	1012.0	-	7.4	1.4	8.6	82	6.2	0	1	8	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	4	14	11	1	12	5	2	0	2	1	5	3		
	21	21	1012.7	-	6.2	1.1	8.2	85	5.6	0	4	7	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	4	9	15	3	11	6	0	0	2	2	3	4		
ORKNEY																																									
HIRKWALL	26	3	1013.4	-	6.7	1.0	8.5	85	5.1	0	9	5	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	5	12	12	2	12	0	0	1	3	3	7	3		
	9	9	1013.3	+ 3.4	7.7	1.1	9.0	85	6.7	0	1	22	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	13	10	2	9	0	2	2	4	0	0		
	15	15	1013.2	-	8.6	1.5	9.0	80	6.1	0	2	7	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	15	8	2	10	3	2	1	1	1	6	5	
	21	21	1013.8	-	6.9	1.0	8.6	86	5.9	0	3	6	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	12	13	1	9	1	1	3	2	3	5	5	
CAITHNESS																																									
WICK	37	3	1013.9	-	6.3	0.9	8.4	87	5.5	0	5	7	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	3	14	14	0	12	1	0	0	3	2	10	3		
	9	9	1013.7	+ 3.5	7.4	1.0	8.9	86	6.5	0	2	3	21	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	13	11	0	3	13	15	0	11	1	1	5	2
	15	15	1013.5	-	8.6	1.4	9.1	80	6.5	0	0	8	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	13	13	1	4	14	12	0	11	4	0	2	0
	21	21	1014.2	-	6.6	1.1	8.3	84	5.7	0	4	7	15	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	12	15	0	4	14	12	1	9	2	0	2	0
SUTHERLAND																																									
CAPE WRATH	113	3	1014.1	-	7.7	0.8	9.4	89	5.7	0	0	14	8	9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	17	8	1	4	7	18	1	4	8	0	0	
	9	9	1014.1	-	8.0	0.8	9.7	89	6.9	0	0	4	15	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7	19	3	1	3	8	18	1	9	8	0	0	
	15	15	1014.1	-	8.2	0.7	9.6	90	6.6	0	0	7	13	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5	16	9	2	3	12	13	1	6	8	0	0	
	21	21	1014.5	-	7.7	0.8	9.4	89	6.2	0	1	8	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	18	9	1	3	11	16	0	5	8	0	0	
ROSS & CROMARTY																																									
STORNOWAY	5	3	1015.6	-	7.0	0.6	9.1	91	5.7	0	5	5	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	3	7	19	2	0	4	14	10	3	10	0	0		
	9	9	1015.7	+ 6.1	7.7	0.7	9.5	89	5.7	0	3	8	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	7	14	5	0	3	14	10	4	10	0	0	
	15	15	1015.5	-	9.2	1.4	9.5	81	5.9	0	2	7	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	18	6	1	1	20	8	1	10	1	1	
	21	21	1016.0	-	7.3	0.8	9.2	89	5.5	0	5	7	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	20	2	0	3	13	13	2	9	1	0		
INVERNESS-SHIRE																																									
BENBECULA	7	3	1016.3	-	7.6	0.9	9.1	87	5.4	1	7	2	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	16	9	1	1	14	13	2	12	3	0	0	
	9	9	1016.5	+ 6.6	8.4	1.2	9.3	84	5.5	0	5	9	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	15	12	1	1	15	14	0	9	5	0	
	15	15	1016.2	-	9.5	1.5	9.5	80	5.7	0	3	6	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	11	16	1	4	18	7	1	13	2	1
	21	21	1016.5	-	8.0	1.0	9.2	86	5.1	0	10	2	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	17	10	1	4	13	12	1	13	2	0
1 SCOTLAND E																																									
MORAYSHIRE																																									
KINLOSS	6	3	1014.5	-	6.8	1.0	8.5	85	6.5	0	2	3	18	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	18	9	0	3	14	13	1	6	0	0	
	9	9	1014.5	+ 3.6	7.5	1.1	8.8	85	6.7	0	1	2	21	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	13	13	0	3	15	12	1	6	0	0	
	15	15	1014.0	-	9.0	1.4	9.3	81	6.7	0	0	4	20	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16	8	0	6	9	17	0	7	2	1	
	21	21	1014.8	-	7.3	1.0	8.7	85	5.6	0	6	4	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	9	14	0	3	14	12	2	3	2	0
ABERDEENSHIRE																																									
DYCE	59	3	1013.5	-	5.5	0.7	8.1	90	5.7	1	2	9	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	13	10	0	2	12	6	2	0	0		
	9	9	1013.5	+ 1.8	6.9	0.8	8.8	88	6.4	0	2	4	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	9	9	8	0	4	12	12	3	1	0	
	15	15	1013.0	-	9.0	1.6	9.1	79	6.2	0	3	4	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	21	21	1013.7	-	6.5	0.7	8.7	89	6.2	0	3	4	16	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	1	16	8	0	3	14	13	1	4	0
FRASERBURGH																																									
FRASERBURGH	22	3	1013.3	-	8.2	0.7	9.8	90	6.0	0	2	10	8	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	9	0	4	8	11	0	7	1	1		
	9	9	1013.3	+ 2.1	8.5	0.8	9.9	89	6.2	0	1	8	15	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	15	15	1013.0	-	9.5	1.0	10.3	87	6.3	0	0	8	18	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
	21	21	1013.4	-	8.5	0.7	10.0	90	5.6	0	5	8	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANGUS																																									
USAN																																									
FIFE	15	15	1014.3	-	7.4	0.9	9.0	86	4.9	2																															

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																			
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-SKY	10-19KM	20-39KM	40KM AND OVER	BEAUFORT FORCE						N	NE	E	SE	S	SW	W	NW		
								0	1-2	3-5	6-7	8	SKY OBSCURED											34 OR MORE	22-33	11-21	1-10	0	CALM										
3 EAST ANGLIA -CONTD. ESSEX																																							
SHOEBURNESS	5	1013.6	-3.1	7.9	1.0	9.2	86	5.5	0	6	4	13	8	0	0	0	0	0	2	9	7	13	0	0	0	1	16	12	2	6	0	0	1	1	3	6	12		
	15	1013.1	-	9.8	1.8	9.3	77	6.4	0	2	5	15	9	0	0	0	0	0	1	3	10	11	6	0	0	0	1	16	14	0	6	0	1	2	4	1	6	11	
	21	1013.2	-	7.5	0.9	9.0	87	5.9	2	2	6	12	10	0	0	0	0	0	0	0	4	10	14	9	0	0	0	15	16	7	2	0	1	1	2	3	7	15	
STANSTED	102	1013.0	-	5.9	0.6	8.5	91	6.2	0	3	6	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	17	3	7	1	0	0	0	2	1	10	7
	9	1013.8	-2.7	6.6	0.8	8.7	88	5.6	0	4	7	13	7	0	0	0	0	0	1	3	4	8	6	7	2	2	0	14	13	4	4	0	0	0	0	3	5	10	10
	15	1013.2	-	9.0	2.0	9.5	74	6.4	0	0	6	17	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	13	0	0	0	1	1	1	1	1	7
WALTON-ON-THE-NAZE	8	1013.3	-	6.6	0.7	8.7	89	6.3	1	3	3	11	13	0	0	0	0	0	1	1	13	10	5	1	0	0	0	10	17	4	3	0	1	1	1	2	9	10	
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 MIDLAND COUNTIES WEST YORKSHIRE																																							
HUDDERSFIELD	235	1014.5	-	4.6	0.7	7.5	88	6.4	1	1	6	5	18	0	0	0	0	1	1	5	9	14	0	0	0	1	4	13	13	0	7	2	0	0	0	1	11	10	
	9	1014.9	-	8.5	1.1	8.1	83	5.2	4	2	7	7	11	0	0	0	0	0	0	0	2	12	13	0	0	0	0	4	15	12	0	9	2	0	1	0	1	7	11
	15	1014.3	-	7.9	1.4	8.7	80	7.3	0	0	1	12	18	0	0	0	0	0	0	2	3	12	13	0	0	0	1	3	15	11	1	11	1	2	1	0	3	7	5
WILSDEN	267	1014.7	-	6.0	0.8	8.3	88	5.8	0	4	9	6	12	0	0	0	0	0	1	2	2	8	18	0	0	0	1	3	11	13	0	6	2	0	0	0	4	9	10
	3	1014.9	-	5.1	0.9	7.0	85	5.9	1	7	2	4	17	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	20	3	3	2	1	0	2	14	6		
	9	1015.0	-	5.6	1.0	7.7	84	5.2	1	8	4	7	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	16	9	6	8	0	0	2	0	7	8	
SOUTH YORKSHIRE	15	1014.4	-	7.5	1.5	8.3	79	7.0	0	3	6	6	13	1	0	0	0	0	1	0	0	10	13	7	0	0	0	14	12	4	7	3	0	0	0	2	10	5	
	9	1015.0	-	5.8	1.0	7.9	85	6.5	0	4	4	7	16	7	0	0	0	0	0	0	0	0	0	0	0	0	2	5	19	3	6	1	0	1	0	14	6		
	21	1013.7	-	7.4	1.0	8.9	86	6.6	2	2	5	9	13	3	0	0	0	0	1	3	0	9	13	5	0	0	0	1	13	14	3	2	0	0	2	0	11	11	
NOTTINGHAMSHIRE	119	1014.2	-	6.1	0.8	8.4	89	5.7	3	4	2	9	13	0	0	0	0	1	1	7	7	10	5	0	0	0	0	7	23	1	8	0	1	0	0	2	11	8	
	9	1014.8	-0.8	7.2	1.1	8.6	84	5.5	2	5	3	14	7	0	0	0	0	2	4	0	10	12	2	1	0	0	0	11	20	0	6	3	0	0	2	1	7	12	
	15	1013.8	-	9.2	1.8	8.9	76	7.0	0	0	3	17	11	0	0	0	0	0	0	1	2	6	12	10	0	0	0	0	13	16	2	13	0	0	0	0	2	6	8
SALOP	76	1015.6	-	6.2	0.7	8.6	90	5.6	2	3	7	8	11	0	0	0	0	0	1	1	3	9	14	2	0	0	0	7	22	2	6	0	1	0	1	3	12	6	
	9	1015.9	+0.4	7.6	0.9	9.1	86	5.7	0	5	7	13	5	1	0	0	0	2	1	4	9	14	0	0	0	0	1	15	16	1	9	0	0	2	3	0	7	9	
	15	1015.2	-	9.7	1.7	9.5	78	6.7	0	0	3	20	8	0	0	0	0	0	0	1	2	8	19	1	0	0	2	12	17	0	13	1	1	0	2	2	10	8	
WEST MIDLANDS	165	1015.7	-0.3	6.7	0.9	8.6	86	6.1	0	3	7	8	13	0	0	0	0	0	2	2	17	8	2	0	0	0	0	12	18	1	11	1	0	0	1	4	12		
	15	1014.8	-	9.2	1.9	8.7	75	6.8	0	1	4	15	11	0	0	0	0	0	0	0	3	7	16	5	0	0	2	9	17	3	15	0	0	0	0	3	7		
	21	1015.3	-	7.4	0.9	9.0	86	6.2	1	2	3	17	8	0	0	0	0	0	1	1	16	10	3	0	0	0	1	8	20	2	12	2	0	0	0	2	6	7	
ELMDON	100	1015.0	-	5.8	0.8	8.2	88	5.6	2	6	1	11	11	0	0	0	0	1	0	2	10	11	6	1	0	0	0	9	19	3	4	0	0	0	1	2	7	14	
	9	1015.4	-0.6	7.1	1.1	8.5	84	5.6	1	6	3	10	11	0	0	0	0	0	0	1	17	11	2	0	0	0	1	12	16	2	8	0	0	1	2	1	5	12	
	15	1014.5	-	9.5	2.2	8.6	72	6.6	0	0	2	17	9	0	0	0	0	0	1	0	6	18	6	0	0	0	2	14	14	1	8	1	0	1	0	2	4	14	
HEREFORD & WORCESTER	36	1015.2	-	7.4	1.2	8.7	83	6.3	1	3	2	14	11	0	0	0	0	0	1	1	10	13	6	0	0	0	1	10	19	1	7	0	2	0	1	3	6	11	
	9	1015.7	-	7.3	1.1	8.7	84	5.9	1	5	3	12	10	0	0	0	0	0	2	7	10	8	3	0	0	0	0	13	15	3	5	0	0	0	3	1	10	9	
	15	1014.8	-	10.4	2.2	9.1	72	6.7	0	0	4	20	7	0	0	0	0	0	0	1	4	10	13	3	0	0	3	12	16	0	5	0	0	0	2	4	4	16	
GLOUCESTERSHIRE	24	1015.5	-	6.2	0.7	8.5	89	5.8	1	7	0	10	12	1	0	0	0	0	1	4	7	9	6	3	0	0	0	8	16	7	5	0	0	0	2	3	7	7	
	9	1016.2	-0.1	7.8	1.1	8.9	84	6.0	0	3	5	16	6	1	0	0	0	0	2	7	8	7	5	0	0	0	1	12	12	10	3	0	0	1	8	5	3		
	15	1015.2	-	10.8	2.2	9.4	72	6.6	0	0	5	19	7	0	0	0	0	0	0	1	2	14	11	3	0	0	1	15	14	1	8	0	0	0	5	7	9		
LITTLE RISSINGTON	229	1015.1	-	8.1	1.1	9.3	85	6.4	1	0	6	14	10	0	0	0	0	0	1	2	12	9	4	0	0	0	1	5	18	7	5	0	0	0	1	7	5		
	9	1015.6	-0.7	5.8	0.8	8.1	87	5.8	2	3	4	12	9	1	0	0	0	1	1	8	8	8	4	0	0	0	0	12	19	0	5	1	1	0	0	3	8		
	15	1014.7	-	6.4	1.1	8.1	84	5.8	0	7	2	13	9	0	0	0	0	0	0	0	14	7	5	5	0	0	0	13	17	1	9	0	7	1	1	0	2	10	
OXFORDSHIRE	73	1015.3	-	9.0	2.2	8.2																																	

MONTHLY WEATHER REPORT

NOVEMBER 1974

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 91

NUMBER 11



Wet and often very windy

Active depressions and their associated fronts affected the United Kingdom frequently throughout the month. High-pressure systems were much less in evidence and their influence on the weather over the country was very short lived.

Weather

Wet and very windy weather predominated and outbreaks of heavy rain were sometimes accompanied by hail and thunder. Falls of snow or sleet (snow mixed with rain or drizzle) were mostly confined to high ground in the north and north-west. Hill and coastal fog was widespread at times, usually in heavy rain, and some fog also occurred at night in inland areas.

Wind

Winds blew predominantly from a southerly or westerly point and were often fresh or strong with gales at times, particularly during the second and fourth weeks. On the 11th gales were severe in Scotland where an hourly mean wind speed of 52 kt and a gust of 80 kt were recorded at Tiree (Argyll) but as far south as Dorset two vehicles were reported to have been overturned by strong gusts. A few days later gales swept western and southern coasts of England and Wales and Lizard (Cornwall) had a gust of 77 kt on the 13th. The following day was very squally and there were reports of structural damage in several places in England. The 24th and 25th were very windy in many districts and gales were severe in exposed places in Northern Ireland, Scotland and northern England. On the 26th winds moderated a little but gales were renewed on the following two days. Among noteworthy gusts recorded during the last week was one of 65 kt at Ballypatrick Forest (Co. Antrim) on the 24th and one of 71 kt at Coningsby (Lincolnshire) on the 27th.

Temperature

Monthly mean temperatures were above average in north-eastern Scotland and over most of the Midlands, East Anglia and southern England and below average in all other districts; but departures from normal were less than 1 degC almost everywhere. Generally, the mildest weather occurred during the first half of the month and maxima of 14°C or more were recorded at several places on one or two days. On the 9th the temperature rose to 14.4°C at Elgin (Moray) and on the same day Cannington (Somerset) had a maximum of 15.8°C. During the third week it was particularly cold in central and southern Scotland and northern England; frosts occurred frequently and were severe at times. Maximum temperatures were very low in several places, for example, at Abbotsinch (Renfrewshire) on the 20th the temperature did not rise above 0°C all day.

Rainfall (including melted snow)

Rainfall totals varied from 70 to 100 per cent of average in the extreme east of Scotland, in parts of north-eastern and eastern England and also in a small area of western Wales. It was generally wetter than average elsewhere, indeed, in East Anglia and south-eastern England some places had more than twice their usual rainfall. Showers or outbreaks of rain occurred repeatedly in all districts and the rainfall was often heavy after the first week with hail and thunder at times. During the 24 hours from 09 GMT on the 10th (the 'rainfall day' of the 10th), 111.5 mm of rain fell at Achnagart (Ross and Cromarty) and on the 11th many roads were flooded in the West Country. Between the 19th and 23rd widespread flooding was reported in East Anglia, the Midlands and southern England, and in Scotland a fall of 93.2 mm was recorded at Forest Lodge (Perthshire) during the 'rainfall day' of the 22nd.

Snow

Showers of snow or sleet, mostly over high ground, occurred in Scotland, northern England and North Wales during the second and third weeks and again towards the end of the month when snow showers were also reported in Northern Ireland. On the 19th snowfall was prolonged in places and undrifted depths of 5 to 8 cm were measured in parts of south-western Scotland and in the northern Midlands

but the snow did not lie for more than a few hours. Two days later 12 to 18 cm of snow accumulated on the higher slopes of the mountains of North Wales and some of this snow persisted for two or three days.

Sunshine

It was rather dull in the south-eastern half of England and also in north-western England except the Isle of Man. Sunshine was also a little below average in a few places in northern and western Scotland, western Wales and south-western England but in all other districts sunshine totals ranged from 100 to 140 per cent of average and in parts of Northern Ireland it was the sunniest November this century.

Fog

Most of the fog patches which developed at night in inland areas were reported during the first and third weeks. England and Wales were chiefly affected but fog also occurred at times in Scotland and Northern Ireland. The fog was sometimes freezing and occasionally widespread and persistent particularly in parts of central and southern Scotland and northern England. Widespread hill and coastal fog occurred on a number of days, especially in heavy rain.

Miscellaneous Phenomena

On the 14th a whirlwind was reported at Thorpe (Norfolk). The aurora was observed in Scotland on 10 nights.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	12.0	-1.6	-0.3	-0.2	-0.2	-0.6	+4	146	91
1 Scotland E	12.9	-1.5	-0.2	0.0	-0.1	-0.4	+3	124	110
2 England E & NE	13.6	-3.6	-0.3	-0.3	-0.3	-0.6	+1	101	104
3 East Anglia	14.4	-2.5	0.0	+0.3	+0.1	-0.3	+6	175	81
4 Midland Counties	14.1	-3.6	+0.2	+0.1	+0.1	-0.5	+4	124	101
5 England SE & Central S	14.0	-1.0	+0.3	+0.4	+0.4	-0.3	+8	169	79
6 Scotland W	12.7	-5.8	-0.4	-0.2	-0.3	-0.8	+4	162	100
7 England NW & Wales N	14.8	-5.8	-0.5	-0.2	-0.3	-0.6	+3	121	92
8 England SW & Wales S	14.8	-1.2	0.0	+0.3	+0.1	-0.6	+6	122	99
N Ireland	12.1	-5.4	-0.6	-1.3	-0.1	-1.0	+2	107	129
Scotland	12.9	-5.8	-0.3	-0.1	-0.2	-0.6	+4	144	100
England & Wales	14.8	-5.8	-0.1	+0.1	0.0	-0.5	+5	135	93

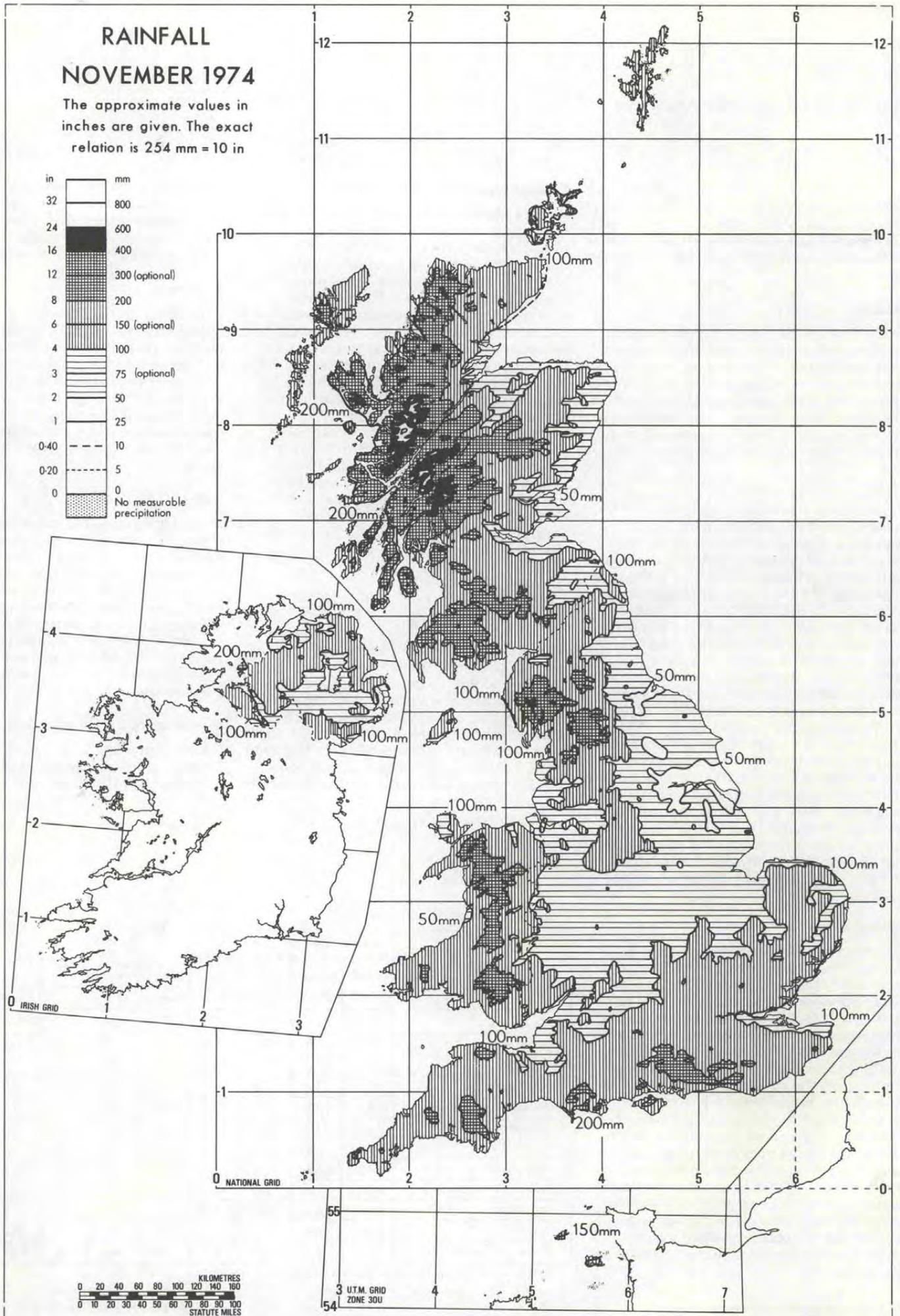
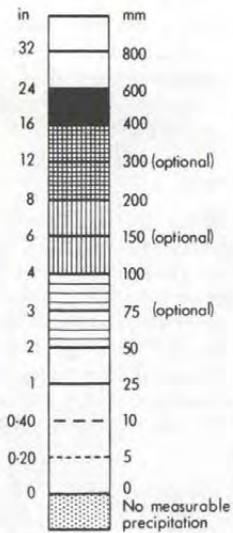
*Highest maximum and lowest minimum of District Value Stations.

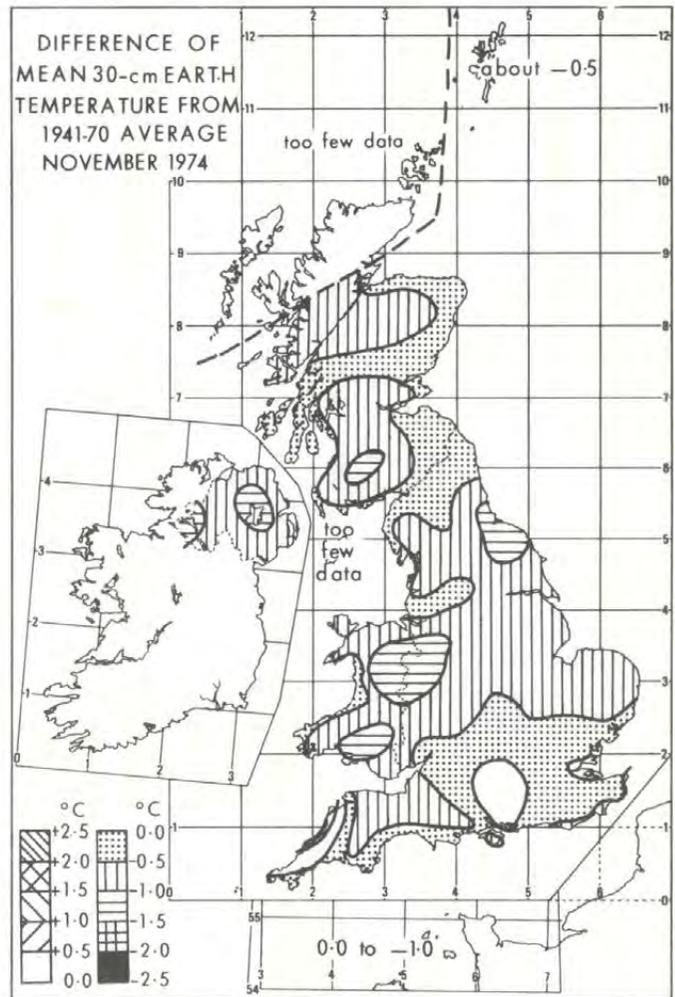
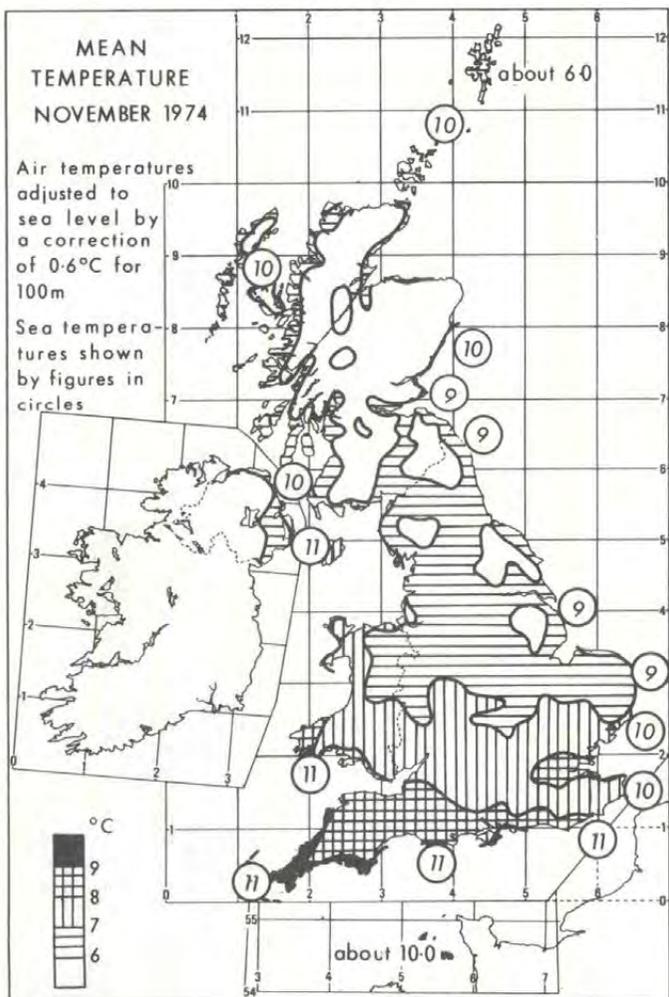
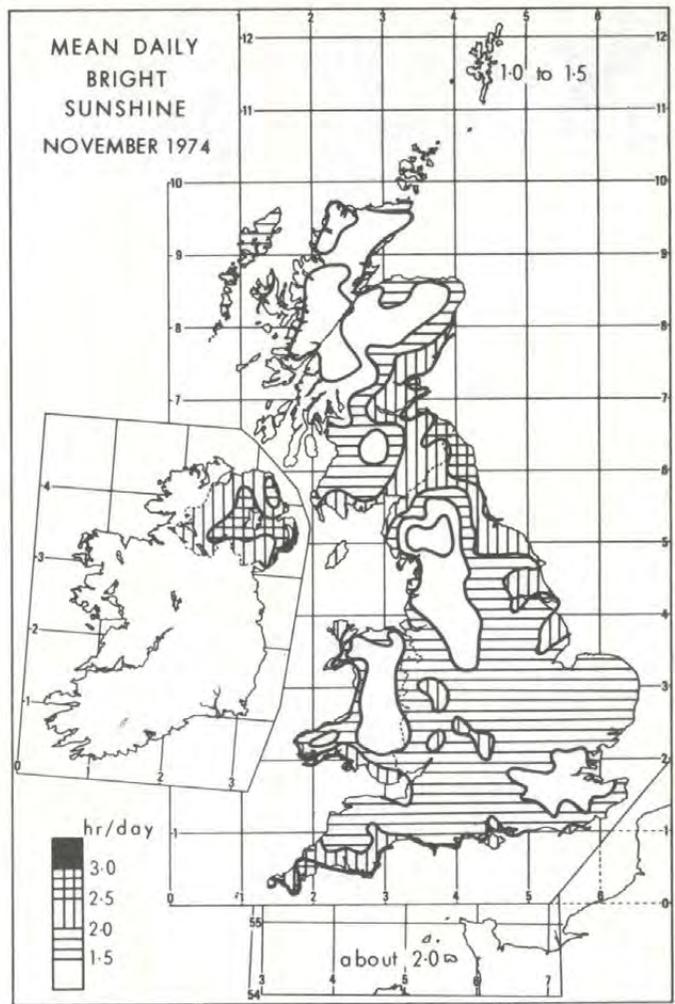
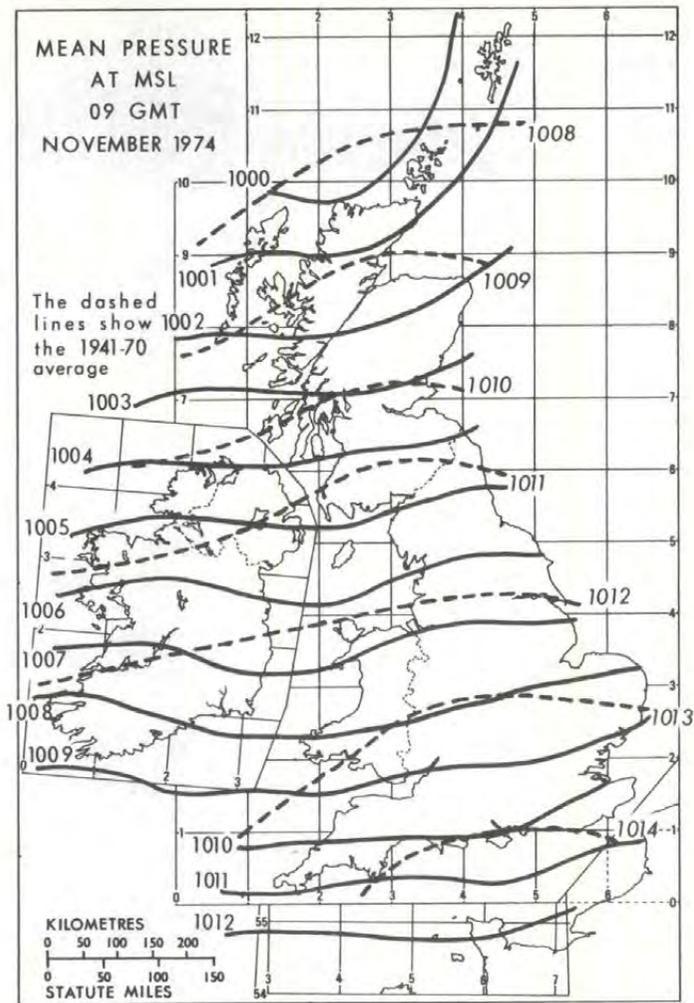
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RAINFALL

NOVEMBER 1974

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





DISTRICT COUNTY AND PLACE	MAX. TERMINAL H (GMT) MIN. OF OBSERVATION		HEIGHT OF STATION ABOVE MSL (METRES)		AIR TEMPERATURE IN DEGREES C						MEAN EARTH TEMPERATURE		RAINFALL TERMINAL H 09 GMT		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE																																								
	MAX.	MIN.	MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	AMOUNT (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 0H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	DRASS MIN. BELOW 0 DEG C	WIND CHILL BELOW 0 DEG C	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																		
							MAX.	DATE	MIN.	DATE							0-2 MM OR MORE	1-0 MM OR MORE																																															
																																	0-2 MM OR MORE	1-0 MM OR MORE																															
																																0-2 MM OR MORE	1-0 MM OR MORE																																
4 MIDLAND COUNTIES																																																																	
WEST YORKSHIRE																																																																	
BRADFORD ...	9 9	134	8.4	3.2	5.8	-0.1	12.4	9	-3.6	20	6.4	8.4	105	116	19	24	24	19	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.55	110	S																										
BRAMHAM ...	9 9	54	8.6	2.9	5.7	-	13.6	9	-3.6	20	-	-	65	12	21	21	12	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0																										
HUDDERSFIELD																																																																	
DAKES ...	21-9	232	7.5	3.2	5.3	-0.4	11.5	9	-1.5	20	5.8	7.2	123	119	26	24	24	20	2	0	2	0	2	5	2	13	10	9	1.74	107	-	-	-	-	-	-																													
RAYVENSKNOLLE ...	9 9	99	8.5	3.6	6.1	0.0	13.4	9	-1.9	20	6.0	8.1	110	126	24	24	21	15	0	0	0	0	5	2	10	4	4	0	1.60	120	-	-	-	-	-	-																													
ILKLEY ...	9 9	83	-	3.1	-	-	-	-	-4.5	20	-	-	115	123	19	24	23	19	1	0	0	3	0	4	4	9	-	0	1.41	85	-	-	-	-	-	-																													
PONTEFRACT ...	9 9	78	8.7	3.4	6.1	-0.2	13.9	9	-2.9	20	-	-	51	82	11	21	19	11	1	0	0	0	2	1	1	-	-	-	-	-	-	-	-	-	-	-																													
WILSDEN ...	9 9	262	7.5	2.1	4.8	-	11.3	10	-5.0	20	-	-	129	-	24	24	22	19	3	1	0	0	1	4	3	12	12	2	-	-	-	-	-	-	-	-																													
SOUTH YORKSHIRE																																																																	
FINNINGLEY ...	21-9	10	9.1	3.2	6.1	-	13.5	9	-3.2	20	-	-	51	-	12	21	18	12	1	0	0	0	4	6	13	11	0	1.87	-	-	-	-	-	-	-	-																													
SHEFFIELD ...	9 9	131	8.7	3.7	6.2	-0.4	12.6	9	-1.3	20	6.6	8.9	121	138	22	24	25	17	0	0	1	0	-	-	1	11	-	1.50	109	S	-	-	-	-	-																														
DERBYSHIRE																																																																	
ASHOVER ...	9 9	186	8.1	3.0	5.5	-	11.9	9	-1.5	20	-	-	123	-	27	20	21	14	2	0	2	0	6	6	3	8	-	1.46	-	-	-	-	-	-	-	-																													
BUXTON ...	9 9	314	7.5	2.5	5.0	0.0	10.9	9	-2.5	20	-	-	158	123	28	13	25	19	2	0	0	0	6	6	3	11	-	1.58	-	-	-	-	-	-	-	-																													
DERBY ...	9 9	48	9.2	3.5	6.3	-	13.0	8	-2.3	17	5.0	6.1	69	-	21	20	19	12	1	0	0	0	2	3	13	-	1.58	-	-	-	-	-	-	-	-																														
MACKWORTH ...	9 9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
MORLEY ...	9 9	107	8.7	3.2	5.9	-	11.6	9.15	-0.6	20	-	-	74	-	22	20	23	12	1	0	0	0	2	2	13	-	1.6P	-	-	-	-	-	-	-	-	-																													
NINGERWORTH ...	9 9	126	8.4	2.7	5.5	-	12.6	9	-1.8	16	6.2	-	106	-	22	13	24	14	0	0	0	2	0	7	6	16	10	2	1.51	-	-	-	-	-	-	-																													
NOTTINGHAMSHIRE																																																																	
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																													
WENTHORPE ...	9 9	58	8.9	2.7	5.8	-	12.3	9	-3.5	17	-	-	77	-	24	20	19	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																												
NOTTINGHAM ...	9 9	59	9.3	3.7	6.5	-0.2	13.2	9	0.5	17.20	6.0	7.9	74	125	23	20	20	14	0	0	0	0	0	0	0	0	0	1.51	100	-	-	-	-	-	-	-																													
SUTTON BONINGTON ...	9 9	48	9.1	3.3	6.2	0.0	13.6	9	-2.2	20	7.2	8.7	66	-	23	20	17	11	0	0	0	0	4	4	10	-	1.70	100	-	-	-	-	-	-	-	-																													
WARSOP ...	9 9	46	8.9	2.8	5.9	-	13.0	9	-2.4	17	-	-	72	-	22	20	19	9	0	0	0	1	0	6	6	17	-	1.69	-	-	-	-	-	-	-	-																													
WATFALL ...	21-9	117	8.4	3.5	5.9	-0.4	12.4	9	-1.3	17	-	-	78	-	22	20	22	13	2	0	0	2	0	3	2	8	7	0	1.39	85	-	-	-	-	-	-																													
STAFFORDSHIRE																																																																	
KEELE ...	9 9	179	8.3	3.0	5.7	-	11.5	9	-0.5	17	5.9	8.3	105	-	29	20	26	18	2	0	1	0	4	2	16	-	1.70	-	-	-	-	-	-	-	-																														
OAKEN ...	9 9	125	8.9	3.5	6.2	+0.3	12.6	9	-0.6	5	7.0	-	71	101	18	20	21	16	0	0	0	0	4	4	13	-	-	-	-	-	-	-	-	-	-	-																													
PENKRIIDGE ...	9 9	101	9.2	3.0	6.1	-	12.5	9.30	-2.2	20	-	-	62	-	13	20	24	16	1	0	0	0	3	5	13	-	-	-	-	-	-	-	-	-	-	-																													
STONE ...	9 9	107	8.8	2.3	5.5	-	12.4	8	-2.6	16	-	-	78	-	15	20	24	14	1	0	2	0	5	6	14	-	1.56	-	-	-	-	-	-	-	-	-																													
LEICESTERSHIRE																																																																	
CALDECOTT ...	9 9	52	9.1	3.0	6.1	-	13.8	9	-3.5	20	-	-	77	-	18	20	18	15	0	0	0	1	2	4	4	9	-	1.67	-	-	-	-	-	-	-	-																													
NEWTOWN LINFORD ...	9 9	119	8.7	2.7	5.7	-	12.9	9	-2.6	20	-	-	79	-	24	20	21	13	0	0	0	0	2	4	4	13	-	1.38	-	-	-	-	-	-	-	-																													
SALOP																																																																	
NEWPORT ...	9 9	64	9.5	2.9	6.2	+0.3	13.0	8	-1.6	16	-	-	73	115	20	20	22	15	0	0	0	1	3	5	14	-	1.74	109	S	-	-	-	-	-	-																														
OSNESTRY ...	9 9	174	8.6	3.2	5.9	-0.4	12.0	1	0.0	21	-	-	131	142	35	20	22	19	3	2	1	1	1	3	0	14	-	1.71	91	-	-	-	-	-	-																														
SHAWBURY ...	21-9	72	9.2	3.2	6.2	-0.1	13.2	8	-3.8	17	-	-	67	-	18	20	20	16	3	0	0	1	2	6	12	10	0	1.75	102	-	-	-	-	-	-	-																													
SHREWSBURY ...	9 9	56	9.7	3.3	6.5	0.0	13.5	8	-2.0	20	7.0	9.1	75	-	23	20	23	16	1	0	0	0	3	5	12	-	1.75	107	-	-	-	-	-	-	-																														
WEST MIDLANDS																																																																	
BIRMINGHAM																																																																	
EDGEBASTON ...	21-9	163	8.6	4.4	6.5	0.0	12.5	9	1.6	5.20	7.2	-	79	100	19	20	23	18	0	0	0	0	3	0	8	5	0	1.75	109	-	-	-	-	-	-	-																													
ELMDON AIRPORT ...	21-9	96	9.1	3.4	6.3	0.0	13.3	9	-3.2	17.20	-	-	61	-	17	20	19	12	1	0	1	0	1	5	12	7	1	1.72	102	-	-	-	-	-	-	-																													
KING EDWARD SCHOOL ...	9 9	137	9.0	3.8	6.4	-	12.4	9	0.0	17	-	-	80	-	19	20	24	19	0	0	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-																													
WARWICKSHIRE																																																																	
LUDDINGTON ...	9 9	56	9.5	3.3	6.4	-	13.5	9	-0.5	17	-	-	63	-	15	20	20	12	0	0	0	0	3	3	8	-	1.79	-	-	-	-	-	-	-	-																														
MORETON MORRELL ...	9 9	85	9.5	3.6	6.5	-	13.8	9	-0.2	5	-	-	61	-	15	20	21	11	0	0	0	0	4	1	9	-	1.59	-	-	-	-	-	-	-	-																														
RUGBY ...	9 9	117	8.9	3.5	6.2	+0.1	13.3	9	0.4	27	6.3	8.6	83	-	15	20	19	17	0	0	0	0	2	0	9	31	0	-	-	-	-	-	-	-	-																														
SHIPSTON-ON-STOUR ...	9 9	111	9.4	3.7	6.5	+0.2	13.8	9	-0.4	20	7.6	-	91	134	18	13	26	13	0	0	0	0	4	1	14	-	2.01	103	-	-	-	-	-	-	-																														
STRATFORD-ON-AVON ...	9 9	49	9.8	3.1	6.5	+0.2	13.7	9	-2.2	17	8.2	-	62	-	14	20	18	13	0	0	0	0	3	4	16	-	1.79	101	-	-	-	-	-	-	-																														
MELLESBOURNE ...	9 9	47	9.7	3.6	6.7	-	14.0	9	-0.8	27	6.9	8.																																																					

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOURS OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																															
		AT MSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0-30M	40-100M	200-300M	400-500M	1000-1500M	2000-3000M	4-OKT	10-10M	20-30M	40KM AND OVER	BEAUFORT FORCE					SPEED (KT)																					
								0	1-2	3-5	6-7	8											SKY OBTSCURED	0-30M	40-100M	200-300M	400-500M	1000-1500M	2000-3000M	4-OKT	10-10M	20-30M	40KM AND OVER	0 OR MORE	3-7	8-10	11-15	16-20	21-24	25-33	0	N	NE	E	SE	S	SW	W	NW
								NUMBER OF OBSERVATIONS															0 OR MORE	3-7	8-10	11-15	16-20	21-24	25-33	0	N	NE	E	SE	S	SW	W	NW											
5 ENGLAND SE & CENT. WILTSHIRE		-CONTD.																																															
BOSCOMBE DOWN	120	3	1009.3	-	6.0	0.4	8.8	93	8.1	0	7	1	5	17	0	0	0	1	3	1	1	11	3	10	0	0	0	2	10	17	1	3	0	0	2	2	9	6	5	2									
		9	1009.3	-4.7	6.7	0.5	9.2	93	8.3	0	0	1	2	11	0	0	0	0	3	3	3	5	5	10	0	0	0	0	4	11	14	1	3	0	0	2	2	8	6	1									
		15	1009.3	-	6.8	1.2	9.6	84	6.6	0	0	0	0	17	0	0	0	0	0	0	1	4	7	15	2	0	0	0	3	12	15	0	1	0	0	1	1	5	8	10	4								
		21	1010.6	-	6.5	0.6	8.9	91	6.0	2	0	0	0	9	12	0	0	0	0	1	2	8	10	10	0	0	0	0	2	9	17	2	1	1	2	1	1	7	7	9	0								
LYNEHAM	140	3	1009.2	-	6.0	0.6	8.8	91	6.3	1	5	2	4	18	0	0	2	1	0	7	7	9	2	0	7	9	2	0	7	22	1	3	0	2	1	10	9	3	1										
		9	1009.2	-4.6	6.0	0.6	9.0	91	6.7	0	1	5	12	12	0	0	3	1	1	1	5	8	10	1	0	0	0	0	15	14	1	2	1	1	0	7	9	7	2										
		15	1009.2	-	6.4	1.3	9.2	83	6.7	0	1	3	17	9	0	0	1	0	0	3	5	3	18	2	0	0	0	0	16	14	0	1	1	2	1	5	9	10	1										
		21	1010.4	-	6.2	0.7	8.7	90	5.3	0	9	4	6	11	0	0	0	0	0	2	2	7	6	11	0	0	0	0	9	21	0	0	3	1	2	9	9	6	0										
UPAVON	183	3	1009.1	-	6.1	0.3	9.0	95	6.3	0	2	5	10	13	0	0	3	1	2	1	9	8	5	1	0	2	9	17	2	3	0	2	1	7	4	9	2	2											
		9	1009.3	-	6.3	0.9	9.6	87	6.7	0	2	2	18	10	0	0	0	0	0	3	6	7	12	2	0	0	0	2	12	15	1	2	0	1	8	8	9	2											
		15	1009.3	-	6.3	0.9	9.6	87	6.7	0	2	2	18	10	0	0	0	0	0	3	6	7	12	2	0	0	0	2	12	15	1	2	0	1	8	8	9	2											
		21	1010.6	-	5.9	0.4	8.8	93	5.7	3	4	2	10	11	0	0	0	0	0	2	1	8	11	10	0	0	0	1	8	18	5	1	1	1	6	5	10	0											
KENT																																																	
DUNGOESS	7	3	1010.4	-	-	-	-	-	5.8	2	4	6	0	17	1	0	1	0	0	0	0	4	7	17	1	0	5	15	9	1	1	0	0	2	7	6	9	4											
		9	1010.3	-	6.0	0.9	10.1	80	6.6	0	3	3	6	10	0	0	0	0	0	2	5	9	14	0	1	7	13	6	2	0	0	0	0	0	7	10	10	1											
		15	1010.1	-	-	-	-	-	6.3	0	1	9	8	12	0	0	0	0	0	0	0	2	9	19	0	1	4	19	6	0	1	0	1	0	6	7	13	2											
		21	1011.3	-	-	-	-	-	5.8	1	3	8	8	12	0	0	0	0	0	0	0	3	4	22	1	1	1	19	8	1	0	1	0	1	8	4	14	1											
HANSTON	45	3	1010.3	-	6.2	0.6	8.7	91	6.4	3	4	4	7	12	0	0	0	0	0	1	8	10	10	1	0	3	6	21	3	0	1	0	3	9	11	8	0												
		9	1010.0	-	7.5	0.6	9.5	91	6.4	0	3	4	10	13	0	0	0	0	0	0	2	9	7	8	3	0	3	13	13	1	1	0	0	2	9	11	5	1											
		15	1009.8	-	9.0	1.2	9.7	84	6.4	0	1	8	11	10	0	0	0	0	0	1	5	10	10	4	0	2	17	11	0	1	0	0	1	8	7	11	2												
		21	1011.1	-	7.1	0.8	9.1	89	5.8	0	4	5	15	6	0	0	0	0	0	1	8	10	9	2	0	1	16	13	0	1	1	0	1	7	10	10	0												
WEST SUSSEX																																																	
ORTHICK	80	3	1010.1	-	5.9	0.4	8.9	91	6.4	1	4	1	7	17	0	0	0	0	0	3	2	10	7	5	0	0	3	5	19	3	1	1	3	5	6	5	2												
		9	1009.8	-4.1	7.7	0.6	9.7	91	7.0	0	2	1	12	15	0	0	1	0	2	4	12	4	6	1	0	0	0	9	20	1	2	0	2	4	12	6	1												
		15	1009.8	-	9.1	1.3	9.6	83	6.5	0	1	6	13	10	0	0	0	0	0	2	10	6	11	1	0	1	14	15	0	1	0	1	1	5	9	9	4												
		21	1011.1	-	6.8	0.6	9.2	91	5.7	2	5	2	9	12	0	0	0	0	0	1	6	9	5	9	0	0	1	6	21	2	0	2	1	1	5	10	9	0											
THORNEY ISLAND	5	3	1010.0	-	7.9	0.6	9.8	91	6.5	1	3	3	5	17	1	0	2	2	2	6	5	11	1	0	2	7	20	1	2	0	1	2	9	7	8	0													
		9	1010.0	-3.9	8.7	0.7	10.3	90	6.5	0	3	1	15	11	0	0	0	0	0	1	3	5	10	7	4	0	3	11	15	1	3	1	2	1	6	6	10	0											
		15	1010.2	-	9.6	1.3	10.0	83	6.4	0	2	4	15	9	0	0	0	0	0	1	7	6	10	6	0	2	15	13	0	1	0	1	0	6	8	9	4												
		21	1011.3	-	6.0	0.7	9.8	90	5.5	3	5	3	8	13	0	0	0	0	0	1	10	5	14	0	0	1	14	14	1	1	1	2	0	6	4	14	1												
EAST SUSSEX																																																	
EASTBOURNE C.O.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-											
7A ENGLAND NW & I.O.M. CUMBRIA																																																	
CARLISLE	28	3	1004.8	-	5.5	0.7	8.2	90	6.5	0	4	3	7	15	1	0	0	1	0	0	0	10	10	8	1	0	0	10	19	1	1	0	4	8	4	6	0												
		9	1005.0	-6.4	5.8	0.7	8.3	90	6.4	0	4	1	17	6	2	0	0	1	1	0	2	6	8	12	0	0	2	8	19	1	1	1	5	3	7	4	7	1											
		15	1004.4	-	7.8	1.2	8.7	83	6.7	0	0	4	19	6	1	0	1	0	0	0	4	9	15	1	0	1	9	19	1	0	3	4	2	1	11	8	0												
		21	1004.9	-	5.7	0.7	8.3	90	6.1	0	6	2	9	13	0	0	0	0	1	0	1	10	12	8	0	0	3	7	15	6	0	1	2	4	3	8	6	1											
LANCASHIRE																																																	
SQUIRES GATE	11	3	1006.2	-	5.8	0.5	8.6	92	6.4	0	3	5	9	11	2	1	0	0	3	2	2	7	5	8	2	0	4	8	18	0	1	3	6	7	5	3	4	1											
		9	1006.4	-5.4	6.3	0.6	8.8	91	6.2	1	3	3	14	9	0	1	0	0	0	2	8	4	9	0	0	0	2	16	11	1	3	2	4	7	2	4	5	2											
		15	1006.2	-	6.3	1.0	9.5	88	6.3	0	1	7	16	7	0	0	0	0	1	4	5	8	10	2	0	4	11	13	2	1	2	0	4	3	8	9	1												
		21	1006.9	-	6.4</																																												

TABLE 5 NUMBER OF DAYS WITH MAXIMUM AND MINIMUM TEMPERATURES BETWEEN GIVEN LIMITS

NOVEMBER 1974

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	2	28	0	0	0	0	0	0	0	0	1	17	12	0	0	EDGBASTON	0	2	21	7	0	0	0	0	0	0	0	0	21	9	0	0								
LERWICK (SCREEN)	0	3	27	0	0	0	0	0	0	0	0	1	13	16	0	0	KEN (PSYCHROMETER)	0	0	12	18	0	0	0	0	0	0	0	2	12	16	0	0								
STORNOWAY	0	1	24	5	0	0	0	0	0	0	0	2	21	7	0	0	KEN (NORTH-WALL SCREEN)	0	0	11	19	0	0	0	0	0	0	0	0	12	18	0	0								
CRAIBSTONE	0	2	25	3	0	0	0	0	0	0	0	3	24	3	0	0	HASTINGS	0	0	12	18	0	0	0	0	0	0	0	10	20	0	0									
ROTHESAY	0	0	24	6	0	0	0	0	0	0	0	2	19	9	0	0	SOUTHAMPTON	0	0	4	26	0	0	0	0	0	0	6	24	0	0										
ABBOTSINCH	0	2	23	5	0	0	0	0	0	0	0	8	11	11	0	0	STONYHURST	0	2	23	5	0	0	0	0	0	1	3	18	8	0	0									
ESKDALEMUIR (PSYCHROMETER)	0	2	27	1	0	0	0	0	0	0	1	6	20	3	0	0	RHYL	0	0	16	14	0	0	0	0	0	0	15	15	0	0										
ESKDALEMUIR (SCREEN)	0	2	25	3	0	0	0	0	0	0	1	6	20	3	0	0	VALLEY	0	0	15	15	0	0	0	0	0	1	10	19	0	0										
DOUGLAS	0	0	21	9	0	0	0	0	0	0	0	0	16	14	0	0	RHOOSE	0	0	15	15	0	0	0	0	0	1	12	17	0	0										
ACKLINGTON	0	0	26	4	0	0	0	0	0	0	0	4	16	10	0	0	FALMOUTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
GORLESTON	0	0	22	8	0	0	0	0	0	0	0	0	16	14	0	0	WALDERROVE	0	0	24	6	0	0	0	0	0	4	21	5	0	0										
CAMBRIDGE BOTANIC GARDENS	0	0	18	12	0	0	0	0	0	0	0	2	17	11	0	0	ARRAGH	0	0	23	7	0	0	0	0	0	5	23	2	0	0										

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

NOVEMBER 1974

DISTRICT COUNTY AND PLACE	HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED							HIGHEST VALUES												
	ABOVE MSL	ABOVE GROUND EFFECTIVE	34 KT OR MORE (GALE FORCE)				22-33 KT			11-21 KT		4-10 KT		LESS THAN 4 KT		HOURLY WIND			GUST			
			DATES OF OCCURRENCE							NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	VEER FROM N	SPEED-KT	DAY	VEER FROM N	SPEED-KT	DAY	TIME
0 SCOTLAND NORTH																						
SHETLAND	LERWICK	93 10 10	10	2	10	39	391	245	43	0	12.3	290	34	10	07	290	54	10	0642			
ORKNEY	KIRKWALL AIRPORT	41 15 10		0	10	43	483	177	17	0	13.6	290	32	10	03	290	51	10	0318			
CAITHNESS	DOUNREAY	34 12 9	10 27	8	12	51	355	262	44	0	12.5	300	38	10	02	300	58	10	0299			
	WICK	45 10 10		0	5	36	399	248	37	0	12.2	320	31	10	01	310	50	10	0236			
ROSS AND CROMARTY	QUIRINISH	38 20 17	11	7	7	26	233	315	137	2	9.7	210	40	11	04	180	64	11	0124			
	STORNOWAY	12 10 10		0	3	44	274	323	79	0	10.4	330	29	9	21	290	47	27	1142			
INVERNESS-SHIRE	BENBECULA	16 10 10	11	3	11	74	319	263	61	0	12.3	270	38	11	07	280	53	11	0748			
	DALCROSS	19 10 10	11	5	6	19	290	315	91	0	10.3	220	39	11	07	220	58	11	0718			
	FORT AUGUSTUS	58 16 16		0	1	8	79	268	334	31	4.7	230	30	11	05	230	58	11	0236			
1 SCOTLAND EAST																						
MORAYSHIRE	KINLOSS	18 13 13	11	5	5	29	327	293	66	0	11.0	220	39	11	08	230	60	11	0900			
	LOSSIEMOUTH	17 10 11		4	8	32	336	274	74	0	11.1	230	41	11	08	220	63	11	0730			
ABERDEENSHIRE	ABERDEEN																					
	DYCE AIRPORT	72 10 10																				
	FRASERBURGH	29 13 11	10 11 25 27	22	14	127	367	193	11	0	15.8	290	45	10	01	240	63	11	1042			
ANGUS	BELL ROCK	39 40 38	9 11 27	21	23	273	305	88	33	0	19.0	180	49	11	10	180	69	11	1000			
PERTSHIRE	RANNOCH	307 17 17																				
	TUMMEL BRIDGE	161 16 16		0	1	5	71	333	306	5	5.4	250	25	11	06	250	58	11	0600			
FIFE	LEUCHARS	25 13 13	11	1	7	46	313	272	88	0	11.1	250	34	11	11	230	56	9	1924			
MIDLOTHIAN	EDINBURGH																					
	TURNHOUSE AIRPORT	43 13 10		0	5	36	287	232	165	0	10.0	230	31	9	18	240	51	11	1318			
6 SCOTLAND WEST																						
ARG. LLSHIRE	DUNSTAFFNAGE	13 10 10	9 11	7	5	40	277	234	143	19	10.6	210	36	11	05	200	59	11	0212			
	MACHRIHANISH	22 12 12	9 11 24 25 27	37	14	133	285	181	84	0	15.3	270	47	9	17	280	66	9	1730			
	TIREE	24 16 12	9-11 27	24	20	216	295	177	8	0	17.4	230	54	11	01	230	80	11	0054			
RENFREWSHIRE	ABBOTSINCH AIRPORT	16 10 10		0	9	63	231	238	166	2	9.8	220	33	11	02	230	61	11	0548			
	GREENOCK PORT	51 49		0	11	76	289	268	87	0	11.9	240	32	9	16	250	60	11	0630			
	PAISLEY	57 25 9		0	5	10	173	291	224	22	7.3	240	23	11	12	240	60	11	0135			
LAMARSHIRE	EAST KILBRIDE	194 17 14																				
AYRSHIRE	ARDROSSAN	24 20	9-11 24 25 27 28	29	15	129	315	191	52	4	15.2	270	43	9	21	270	57	27	0942			
	PRESTWICK AIRPORT	21 10 10	9	3	9	74	265	204	174	0	10.9	270	35	9	19	260	61	9	1900			
DUMFRIESHIRE	ESKDALEMUIR	259 10 10	9 27	3	9	89	213	230	185	0	10.3	250	35	9	22	250	59	9	2154			
WIDTOWNSHIRE	WEST FREUGH	25 10 10	24 25	2	9	74	274	271	99	0	11.1	310	34	24	21	310	59	24	2112			
2 ENGLAND EAST AND NORTHEAST																						
TYNE AND WEAR	SOUTH SHIELDS	22 17 13		0	7	37	266	323	94	0	9.9	250	25	9	23	220	41	9	2030			
DURHAM	DURHAM	119 16 10		0	9	53	258	292	97	20	10.6	290	28	28	00	290	57	25	1200			
CLEVELAND	MIDDLESBROUGH	22 17 19																				
NORTH YORKSHIRE	CHURCH FENTON	18 10 10		0	8	49	198	322	127	24	9.7	250	31	25	00	270	54	27	2048			
	LEEMING	42 10 10		0	7	31	230	352	107	0	9.6	240	26	24	23	240	45	24	2318			
LINCOLNSHIRE	BINBROOK	118 10 10		0	11	97	325	239	59	0	13.1	270	33	25	04	270	51	27	1348			
	CONINGSBY	16 10 10		0	7	46	237	332	103	2	9.9	250	30	25	03	260	71	27	1412			
	CRANWELL	68 13 13	25	1	10	68	317	276	58	0	12.1	250	34	25	01	300	53	27	1412			
	MARBY	26 10 10	RECORDS DISCONTINUED																			
	WADDINGTON	80 10 10		0	7	27	265	364	64	0	10.1	250	28	25	01	300	50	27	1400			
3 EAST ANGLIA																						
NORFOLK	COLTISHALL	27 10 10		0	7	55	263	282	120	0	10.3	290	29	28	07	240	61	14	1148			
	GORLESTON	16 13 13		0	8	62	355	254	22	27	12.5	180	33	13	22	260	52	28	0330			
	MARHAM	29 10 10		0	6	56	264	292	108	0	10.6	260	27	25	08	290	55	27	1506			
	WEST RAYNHAM	93 16 14		0	9	85	327	270	38	0	12.8	210	31	11	03	300	51	27	1500			
CAMBRIDGESHIRE	WITTERING	83 10 10		0	8	50	279	328	63	0	10.7	270	28	28	02	300	56	27	1448			
SUFFOLK	HONINGTON	60 13 13		0	6	42	264	312	102	0	10.4	280	30	2								

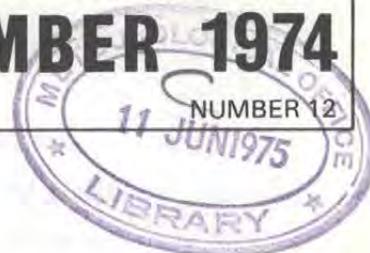
MONTHLY WEATHER REPORT

DECEMBER 1974

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

VOLUME 91

NUMBER 12



Windy and very mild.

Throughout the month fronts repeatedly crossed the United Kingdom from the Atlantic. However, for most of the first three weeks and again during the last few days, pressure was unusually high immediately to the south or south-west of the country and frontal activity was sometimes very weak, especially in southern and eastern districts.

Weather

Exceptionally mild, windy weather predominated. Showers or periods of rain occurred frequently and there were scattered outbreaks of hail and thunder but amounts of rainfall were often small in eastern and southern districts. Snow or sleet (snow mixed with rain or drizzle) fell at times, chiefly in Scotland and over high ground in northern England and North Wales. Fog often enshrouded coastal districts and high ground in the west but it was too windy for fog to occur inland on lower ground on more than one or two nights.

Wind

Frequent fresh or strong winds blew mostly from a southerly or westerly point. Gales were often reported and occurred widely at times but Northern Ireland, western and northern Scotland and northern and western districts of England and Wales were the most affected. On the morning of the 11th, thundery squalls accompanied the rapid passage of a shallow wave depression across England and Wales and there were gusts of 60 kt or more in a number of places; a gust of 78 kt at Kew (Greater London) was probably the highest wind speed recorded there since records began in 1871. On the same day reports in the Press spoke of an incident at London/Heathrow Airport in which one large aircraft was lifted by a particularly fierce gust and was blown into another which was parked nearby. Gales on the 17th were severe on coasts and over high ground and strong cross-winds made driving hazardous on the more exposed sections of motorways. Several roads in East Anglia were blocked by fallen trees. Among noteworthy gusts of 70 kt or more recorded during the last week was one of 74 kt at the Lizard (Cornwall) on the 27th and one of 83 kt at South Gare near Middlesbrough (Cleveland) on the 28th; the mean hourly wind speed at the time of the latter gust was 56 kt. On the 29th Eskdalemuir (Dumfriesshire) had a gust of 83 kt.

Temperature

Monthly mean temperatures were as much as 2 to 4 degC above average in most districts, but in parts of northern and western Scotland, south-western Wales and south-western England they ranged from 0 to 2 degC above average. The warmth of December 1974 contrasted strikingly with the cold of October 1974 so much so that over England and Wales as a whole the mean temperatures for the two months were almost the same. Taking England, Wales and Northern Ireland together, this was probably the mildest December since 1934;

plant growth hardly ever ceased and in many places roses were still blooming over Christmas. Generally, the mildest weather of the month was experienced during the first week and again from the 20th to 31st. During the latter period a number of widely separated stations had maxima of 15°C or more. On the 23rd the temperature reached 15.8°C at Inverpolly (Ross and Cromarty) and on the 28th Elmstone (Kent) had a maximum of 16.2°C. On the same day the temperature rose to 15.2°C at Edgbaston, Birmingham, the highest December temperature measured there since records began in 1885. The middle part of the month was a little colder and frosts occurred widely in Scotland.

Rainfall (including melted snow)

Monthly rainfall totals were above average in parts of north-western and south-western England and in most of Northern Ireland, Wales and Scotland. In the north-western Highlands some stations had more than twice their normal rainfall for the month. Elsewhere it was drier than average and in small areas of eastern Scotland, eastern and southern England and the Midlands rainfall was less than half of average. Showers or periods of rain occurred frequently throughout the month but amounts of rain were often small in eastern and southern districts. Some of the showers were of hail and there were scattered thunderstorms on a few days. On the 11th three people were reported to have been injured when the roof of a house in Ramsgate (Kent) collapsed after being struck by lightning. Parts of northern Scotland had heavy rainfall towards the end of the first week but the wettest periods in Scotland as a whole and, indeed, in most of the other districts of the United Kingdom, occurred during the second half of the month. Among the larger falls recorded in a 'rainfall day' (the 24-hour period from 09 GMT on the date stated) were: 74.4 mm at Camusory (Inverness-shire) on the 6th, 83.8 mm at Lluest Wen Filters (Mid Glamorgan) on the 21st, 77.1 mm at The Nook, Thirlmere (Cumbria) on Christmas Day and 92.1 mm at Honister House, Borrowdale (Cumbria) on the 28th.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest	Lowest	max.	min.	mean				
	Max *	Min. *	difference from average						
0 Scotland N	14.0	-4.6	+1.3	+0.8	+1.1	+0.5	+5	209	69
1 Scotland E	14.0	-2.6	+2.2	+2.1	+2.2	+1.4	+2	122	129
2 England E & NE	14.2	-2.5	+3.3	+3.1	+3.2	+1.3	-1	81	128
3 East Anglia	15.8	-0.7	+3.2	+3.6	+3.4	+1.7	-4	59	105
4 Midland Counties	15.7	-1.9	+3.6	+3.7	+3.7	+1.6	-1	74	125
5 England SE & Central S	15.5	-1.5	+2.7	+3.4	+3.1	+1.7	-3	67	107
6 Scotland W	12.9	-3.2	+2.1	+2.8	+2.5	+1.1	+9	154	82
7 England NW & Wales N	14.2	-2.5	+2.6	+3.3	+3.0	+1.6	+6	111	73
8 England SW & Wales S	14.8	0.7	+2.4	+3.4	+2.9	+1.5	+2	88	83
N Ireland	13.6	-0.6	+2.3	+2.4	+2.4	+0.7	+5	97	80
Scotland	14.0	-4.6	+1.9	+1.9	+1.9	+1.0	+5	162	93
England & Wales	15.8	-2.5	+3.0	+3.4	+3.2	+1.6	0	80	103

*Highest maximum and lowest minimum of District Value Stations.

Snow

Falls of snow or sleet were mostly confined to northern Scotland and to high ground in central and southern Scotland, northern England and North Wales. The snow did not lie for long except at times during the second and third weeks when there were some prolonged falls. Depths of 5 to 10 cm of undrifted snow were measured at places on lower ground and 10 to 20 cm or more accumulated on some of the higher slopes and persisted for a few days. On the 11th an undrifted depth of 27 cm was recorded at Leadhills (Lanarkshire) (387 m). Strong or gale-force winds caused drifting at times and there were reports in the Press of snowdrifts sufficiently deep to block several mountain roads in Scotland on the 17th.

Sunshine

In Northern Ireland and in most western districts of Great Britain sunshine totals ranged from 60 to 80 per cent of average. However, a few stations in the Scottish Highlands, in central Wales and also in south-western England had 50 per cent or less of average. By contrast, eastern and central districts of England and Scotland were sunnier than normal particularly in a small area in the Midlands and also at a few stations on eastern coasts where sunshine totals were 150 per cent or more of average. Stonehaven (Kincardineshire) had 78 hours of sunshine which represents 176 per cent of average and it is likely that this total was the highest recorded at Stonehaven in any December since 1931.

Fog

Short-lived patches of fog developed inland on lower ground on one or two nights, but hill fog and coastal fog occurred much more often, especially in western districts of Scotland, Wales and England. The hill fog was occasionally more widespread in heavier precipitation.

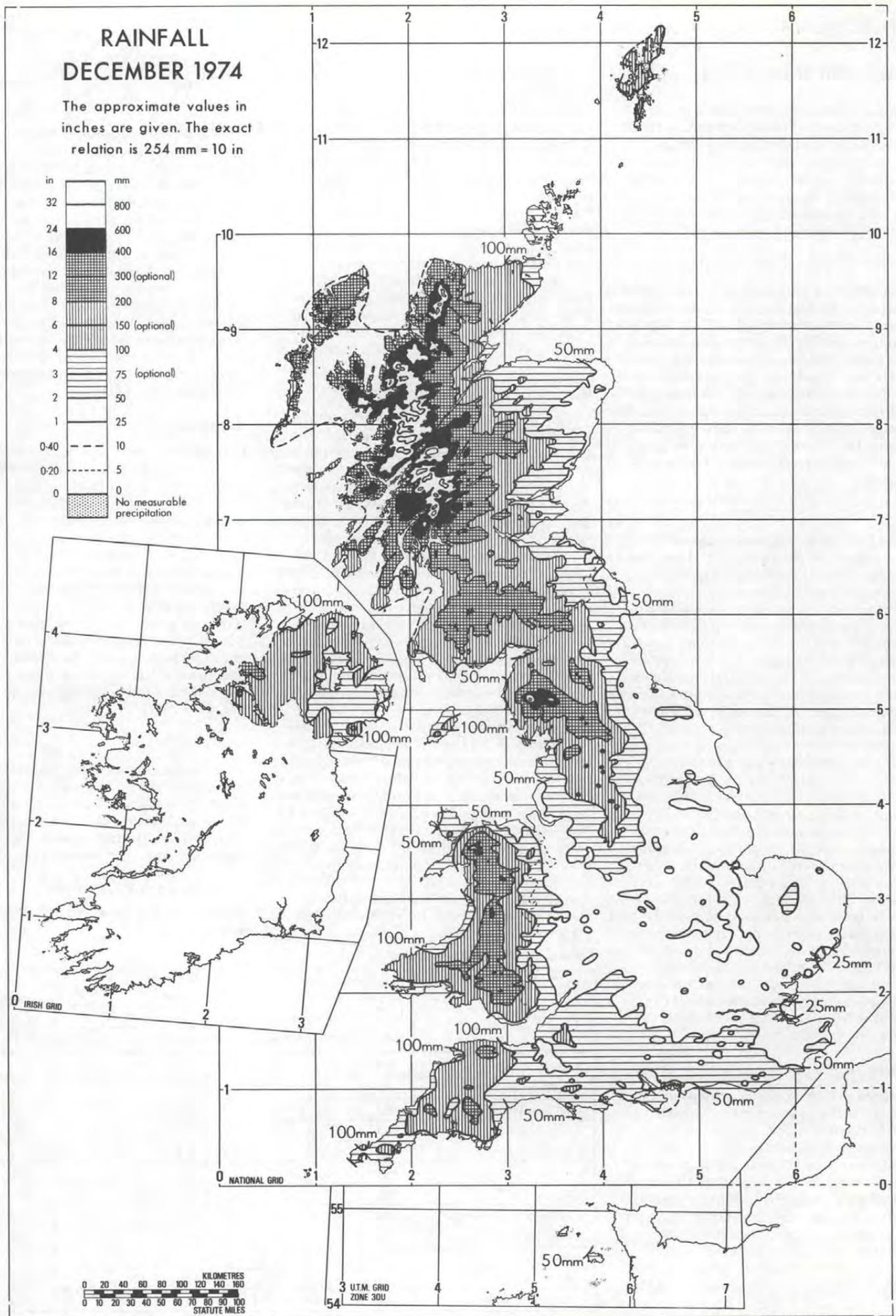
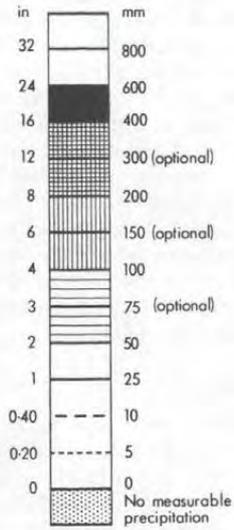
Miscellaneous Phenomena

The Aurora was observed in Scotland on 11 nights.

FH3A

RAINFALL DECEMBER 1974

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



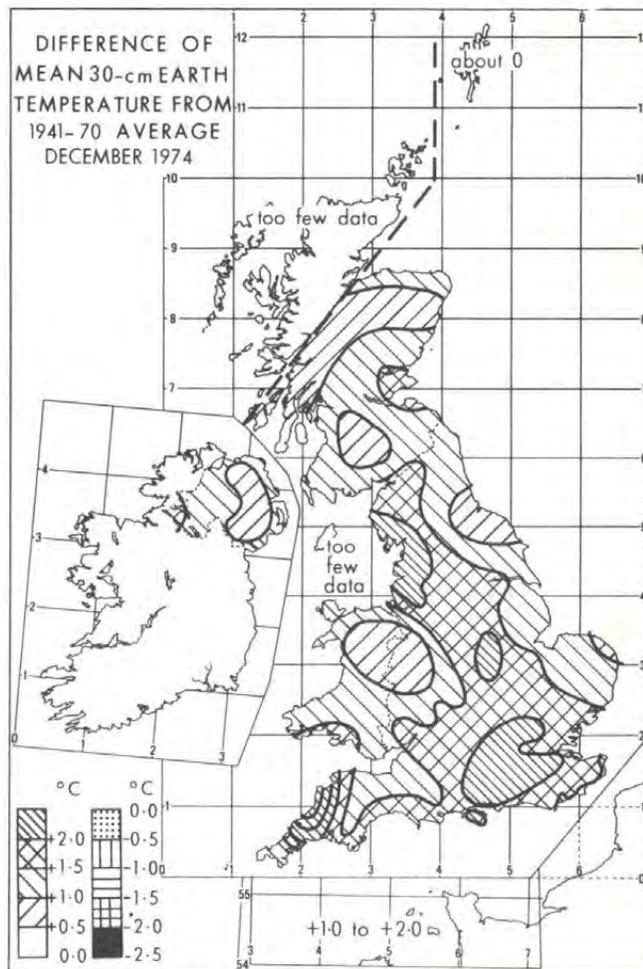
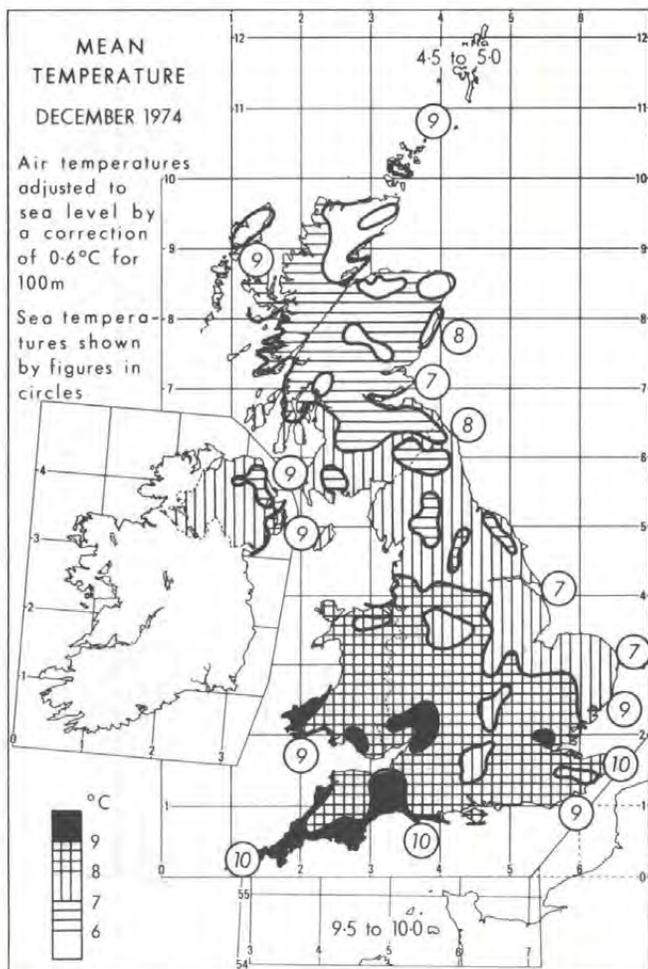
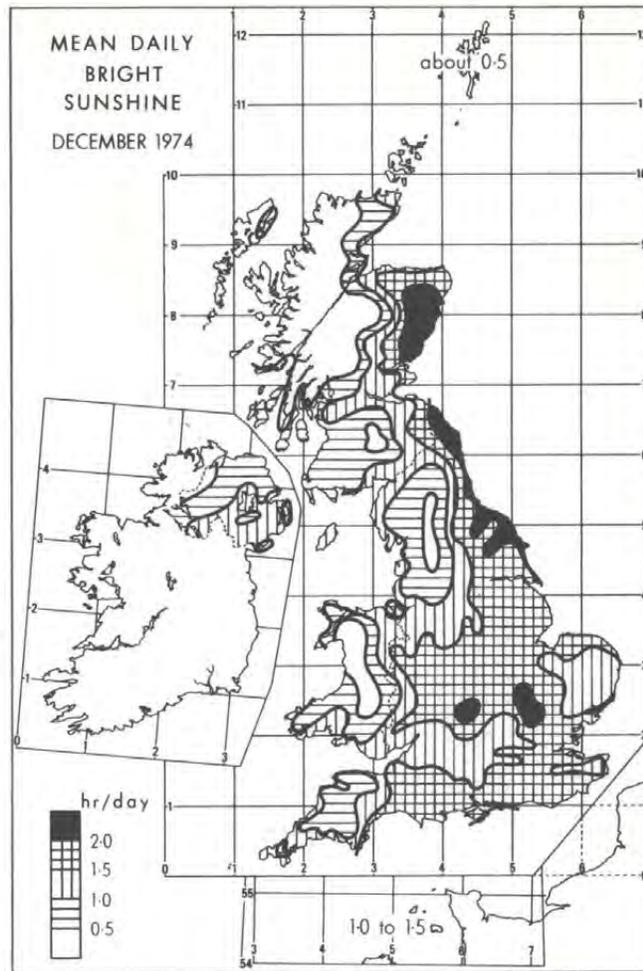
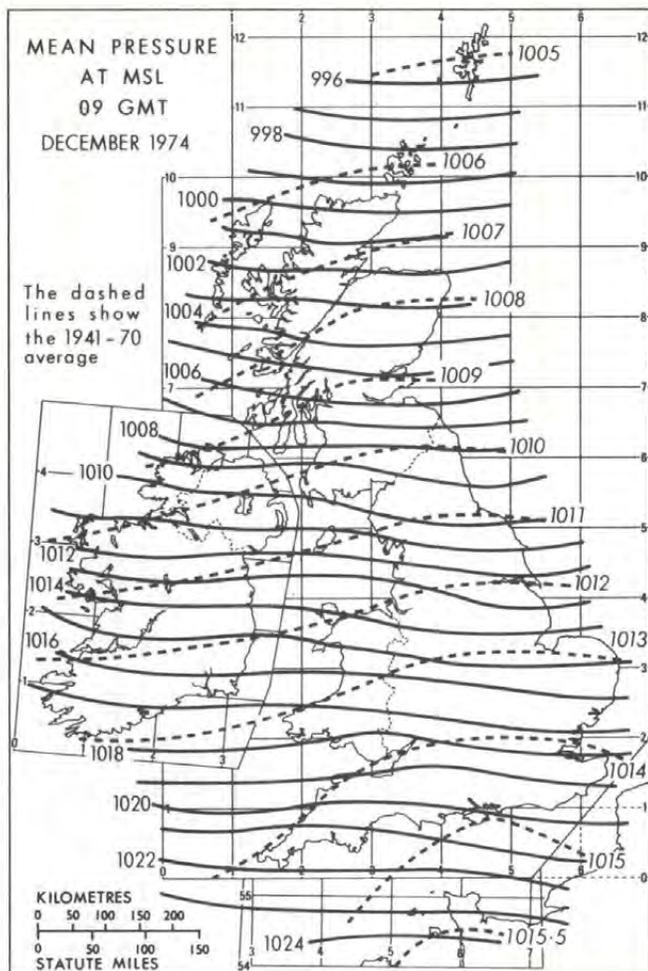


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT (METERS)	AIR TEMPERATURE IN DEGREES 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 1841-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		90 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1841-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	BELCH 0 DEG C	CONCRETE MIN. BELCH 0 DEG C	DRLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE	
			MAX.	MIN.			MAX.	DATE	MIN.	DATE					AMOUNT	DATE	0-2 MM OR MORE	1.0 MM OR MORE														SNOW OR SLEET	SNOW LYING AT 9H
			(A)	(B)	MAX.	DATE	MIN.	DATE	AMOUNT	DATE	0-2 MM OR MORE	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H																		
2 ENGLAND E & NE -CONTINUED																																
DURHAM	9 9	102	9.6	3.6	6.6	+2.9	12.9	28	-2.5	13	5.2	6.8	36	67	11	25	10	9	-	1	-	-	-	1	4	17	-	-	1.98	132	-	
CLEVELAND	9 9	31	9.9	3.9	6.9	-	13.5	27	-1.8	13	-	-	29	4	5	18	13	3	0	0	0	0	0	4	13	-	3	1.99	-	-		
HARTBURN GRANGE	9 9	9	10.3	5.2	7.7	+3.0	13.8	27	-0.7	13	-	-	39	7	25	17	13	3	2	0	0	0	0	1	-	-	2	2.02	-	-		
HARTLEPOOL	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARTON	9 9	34	10.2	4.0	7.1	-	13.8	2	-1.7	12	-	-	46	96	10	10	20	13	1	0	0	0	0	1	5	14	-	1	1.73	137	5	
NORTH YORKSHIRE	9 9	6	10.2	4.6	7.4	-	14.3	28	-1.5	13	6.1	6.9	46	15	15	17	13	1	0	0	0	0	0	2	11	-	3	1.71	-	-		
ASKHAM BRYAN	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CAMOOD	9 9	175	8.5	(3.4)	(5.9)	-	12.5	28	-1.3	13	5.0	-	30	7	7	10	16	11	3	2	1	1	0	0	4	12	-	1	(1.75)	-	-	
FILEY	21-9	32	10.0	5.9	7.9	-	14.2	27	-1.6	13	-	-	37	7	25	17	10	4	0	0	0	0	0	1	8	6	2	2.11	-	-		
HIGH MOWTHORPE	9 9	395	6.5	2.9	4.7	+2.6	10.1	27-28	-1.7	13,14	4.9	-	191	20	25	29	27	4	4	4	1	1	4	6	12	-	0	-	-	-		
LEEMING	9 9	44	9.4	3.4	6.4	-	13.3	27	-1.7	13	-	-	41	6	10	21	11	3	3	0	0	0	1	0	8	13	-	0	-	-		
MALHAM TARN	9 9	53	9.8	4.6	7.2	-	13.7	27	0.0	13	5.3	6.6	37	62	13	10	17	10	3	0	0	0	1	1	4	0	4	9	2.00	168	-	
PICKERING	9 9	203	8.6	3.2	5.9	-	12.5	27	-2.3	13	4.7	-	50	9	25	18	14	3	3	0	0	0	1	0	4	16	-	0	-	-		
SCARBOROUGH	21-9	60	9.3	5.0	7.1	-	14.3	27	0.0	12,13	-	-	27	8	10	11	8	3	0	0	0	0	0	0	2	2	12	0	2.04	-	-	
SILPHO MOOR	9 9	20	10.3	4.5	7.4	-	14.1	27	-0.6	13	6.3	7.0	41	10	10	15	11	0	0	0	0	0	0	2	9	-	0	2.04	-	-		
WHITBY(COASTGUARD)	9 9	48	10.8	(3.6)	(7.2)	-	14.6	1	-2.1	30	-	-	41	-	14	10	15	12	2	2	0	1	1	1	6	11	-	1	(1.96)	-	-	
YORK(MESLINGTON)	9 9	3	10.3	4.5	7.4	-	14.2	27	-0.4	13	-	-	33	8	10	14	9	2	1	0	0	0	1	1	12	-	3	-	-			
HUMBERSIDE	9 9	3	10.2	4.8	7.5	+3.0	14.0	8,27-28	-1.0	12	-	-	25	49	6	10	12	8	0	0	0	0	0	1	1	-	-	1.93	130	-		
BRIDLINGTON	9 9	2	10.3	4.9	7.6	+3.1	14.2	27	0.1	14	6.0	7.9	40	74	13	10	18	10	2	0	0	0	0	0	14	-	0	-	-			
CLEETHORPES	9 9	12	8.9	5.3	7.1	-	13.3	28	0.0	11	-	-	28	7	11	13	8	4	1	1	0	0	1	1	10	-	10	2.08	-	-		
HULL	21-9	108	8.6	4.5	6.5	-	13.1	27-28	-0.6	12,13	-	-	27	-	4	10	14	11	6	2	0	1	1	1	3	9	8	3	1.70	-	-	
KILNSEA	9 9	62	10.0	4.5	7.3	+3.4	14.2	28	-1.1	13	6.0	6.3	38	84	6	16	17	10	3	0	0	0	0	1	2	6	2	2	1.88	111	-	
LINCOLNSHIRE	9 9	7	10.2	4.8	7.5	+3.8	14.1	27	-1.7	13	6.4	7.1	33	7	10	17	11	2	0	0	0	1	0	0	4	13	-	0	1.70	-	5	
BINBROOK	9 9	5	10.0	4.8	7.4	+3.0	14.5	27-28	-0.5	11	-	-	31	60	7	10	14	8	2	0	0	0	0	0	2	9	-	0	1.93	127	-	
CRANWELL	9 9	68	9.6	5.5	7.5	+3.6	14.3	28	-0.8	13	-	-	34	8	10	16	12	4	0	0	0	0	0	1	7	6	0	1.84	122	-		
SKEGNESS	21-9	108	8.6	4.5	6.5	-	13.1	27-28	-0.6	12,13	-	-	27	-	4	10	14	11	6	2	0	1	1	1	3	9	8	3	1.70	-	-	
WADDINGTON	9 9	62	10.0	4.5	7.3	+3.4	14.2	28	-1.1	13	6.0	6.3	38	84	6	16	17	10	3	0	0	0	0	1	2	6	2	2	1.88	111	-	
LINCOLN	9 9	7	10.2	4.8	7.5	+3.8	14.1	27	-1.7	13	6.4	7.1	33	7	10	17	11	2	0	0	0	1	0	0	4	13	-	0	1.70	-	5	
SKEGNESS	9 9	5	10.0	4.8	7.4	+3.0	14.5	27-28	-0.5	11	-	-	31	60	7	10	14	8	2	0	0	0	0	0	2	9	-	0	1.93	127	-	
WADDINGTON	21-9	68	9.6	5.5	7.5	+3.6	14.3	28	-0.8	13	-	-	34	8	10	16	12	4	0	0	0	0	0	1	7	6	0	1.84	122	-		
3 EAST ANGLIA																																
NORFOLK																																
COLTISHALL	21-9	17	10.0	5.6	7.8	-	15.7	28	0.4	12	-	-	38	-	7	10	15	5	3	0	1	2	1	0	0	3	1	2	-	-	-	
COSTESSEY	9 9	20	10.1	5.2	7.7	-	15.4	28	0.0	12	-	-	43	-	7	26	18	10	2	0	0	0	0	0	0	12	-	3	-	-		
CROMER	9 9	54	10.5	4.8	7.7	+3.0	14.9	28	-0.3	13	-	-	27	46	6	16	15	5	1	0	1	0	0	1	1	-	-	1	1.84	114	-	
EAST DEREHAM	9 9	53	9.8	4.6	7.2	-	15.4	28	-0.4	12	-	-	47	-	9	10	15	10	2	1	0	1	0	0	0	7	-	0	-	-		
GORLESTON	21-9	4	9.8	5.9	7.9	+2.8	15.5	28	-0.6	12	6.8	8.1	26	46	6	27	9	8	1	0	0	0	0	0	0	6	8	5	0	1.49	93	-
MARHAM	21-9	23	9.9	5.5	7.7	-	16.0	28	-0.2	11,12	-	-	34	-	7	26	17	8	5	0	0	0	0	0	6	5	5	0	1.53	-	-	
MORLEY ST BOTOLPH	9 9	48	9.8	4.8	7.3	-	15.0	28	-0.1	12	6.2	-	46	-	9	16	16	10	2	0	0	0	0	0	1	10	-	0	1.34	-	-	
SANTON DOWNHAM	9 9	24	10.2	4.7	7.5	-	15.8	28	-3.0	30	6.3	7.2	39	-	9	10	15	10	-	0	0	0	0	0	4	12	-	0	1.18	-	-	
SCOLE	9 9	27	10.1	5.0	7.5	-	15.8	28	0.0	12	5.8	6.7	38	-	9	10	16	9	3	0	0	0	2	0	0	8	-	0	1.28	-	-	
TERRINGTON ST CLEMENT	9 9	3	10.0	4.9	7.5	+3.3	14.9	28	-0.1	12	6.6	-	27	-	6	10	14	8	2	0	0	0	0	1	8	-	0	1.53	108	-		
CAMBRIDGESHIRE																																
BOXWORTH	9 9	44	10.4	4.9	7.7	-	15.8	28	-0.5	13	-	-	22	-	8	26	12	7	1	0	1	0	1	0	2	10	-	0	1.83	-	-	
CAMBRIDGE																																
BOTANIC GARDENS	9 9	12	11.0	5.6	8.3	+4.1	15.8	28	0.5	13,30	6.7	7.6	25	54	7	26	11	7	2	0	1	0	0	0	6	-	1	-	-	-		
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	10.6	5.7	8.1	-	15.9	28	0.2	13	-	-	28	-	9	26	12	9	2	0	0	0	0	0	0	7	-	0	1.68	108	-	
MARCH	9 9	2	(10.6)	(4.8)	(7.7)	-	15.6	29	0.0	10	-	-	31	67	8	16	11	8	-	0	0	0	0	0	0	0	-	0	-	-		
MEPAL	9 9	1	(10.6)	(4.9)	(7.7)	-	15.8	28	-0.2	13,14	7.4	9.2	31	-	6	25	15	8	2	0	0	0	0	0	2	8	-	0	1.69	-	-	
MONKS WOOD	9 9	40	10.5	5.1	7.8	-																										

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION MIN.	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN DEGREES C								MEAN EARTH TEMPERATURE		RAINFALL (TERMINAL HOURS GMT)		WEATHER (NUMBER OF DAYS)										BRIGHT SUNSHINE								
			MEANS OF		DAILY MEAN (MEAN OF A-B)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE AMOUNT	MOST IN A DAY	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 0H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	WIND DIRECTION SPEED IN MILES PER HOUR	WIND DIRECTION SPEED IN KILOMETRES PER HOUR	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0-2 MM OR MORE	1-10 MM OR MORE																
5 ENGLAND SE & CENTRAL S.																																	
GREATER LONDON																																	
BROMLEY ...	9-9	65	10.8	5.9	8.3	+3.6	15.0	27.28	1.0	12.13.30	-	-	41	9	26	13	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ENFIELD ...	9-9	17	11.3	6.8	9.1	-	15.6	28	1.7	13	7.8	9.2	36	8	26	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GREENWICH ...	9-9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HAMPSTEAD ...	9-9	137	(10.11)	(4.6)	(7.3)	(3.0)	14.1	28	-0.6	14	-	-	39	65	11	25	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPTON ...	9-9	12	10.6	6.0	8.3	+3.4	14.6	28	0.5	13	-	-	35	-	11	25	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEATHROW AIRPORT ...	21-9	25	10.7	6.4	8.5	+3.7	14.7	28	0.7	10	-	-	34	30	8	25	15	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENSINGTON PALACE ...	9-9	25	11.2	6.4	8.8	+3.5	15.3	28	1.2	13	7.8	8.8	40	73	11	25	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KEN	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PSYCHROMETER ...	9-9	10.6	6.7	8.7	-	-	15.2	28	0.8	10.15	7.9	8.8	35	67	9	25	12	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
NORTH WALL SCREEN ...	9-9	10.6	7.1	8.9	+3.6	15.0	28	1.4	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON WEATHER CENTRE																																	
ST JAMES PARK ...	9-9	4	11.1	(6.2)	(8.7)	(3.2)	15.4	28	1.4	12	-	-	39	75	11	25	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTHGATE ...	9-9	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WADDON ...	9-9	59	10.9	6.0	8.5	+3.6	15.0	28	1.0	(7.13.30)	-	-	47	-	11	26	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WEALDSTONE ...	9-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILTSHIRE																																	
BOSCOMBE DOWN ...	21-9	126	9.7	5.7	7.7	+3.2	14.3	28	-0.1	13	-	-	51	67	14	26	13	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	
LACOCK ...	9-9	49	11.1	5.4	8.3	-	13.8	4	-0.6	30	-	-	68	-	15	26	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LARKHILL ...	9-9	132	10.1	5.1	7.6	+3.4	14.2	28	-1.1	13	-	-	65	83	17	26	13	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
LYNEHAM ...	21-9	145	9.4	5.6	7.5	+3.2	12.4	22.28	-0.5	30	-	-	62	-	16	25	16	9	3	0	2	0	0	0	0	0	0	0	0	0	0	0	
PORTRON ...	9-9	110	9.9	4.6	7.3	+3.2	14.2	28	-1.5	30	7.1	-	53	67	15	26	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
UPAVON ...	21-9	179	9.2	5.2	7.2	-	12.8	28	-0.6	10	-	-	53	-	13	25	16	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
BERKSHIRE																																	
EASTHAMPSHIRE ...	9-9	77	10.3	5.4	7.9	-	14.4	28	-1.0	14	7.3	8.0	36	-	10	25	14	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
FINCHAMPSHIRE ...	9-9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HURLEY ...	9-9	43	(10.6)	5.5	(8.1)	-	14.1	27	-0.3	14	7.1	-	33	-	10	26	13	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
READING ...	9-9	66	10.4	5.6	8.0	-	14.0	27.28	-0.4	10	(7.7)	(8.4)	31	-	8	26	15	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
SHINFIELD ...	9-9	61	10.4	5.3	7.9	+3.4	14.5	28	-0.5	10	-	-	31	53	9	26	15	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
SURREY																																	
MICKLEHAM ...	9-9	55	10.7	5.0	7.9	+3.8	14.7	28	-1.5	30	7.0	8.0	52	-	12	27	12	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
WISLEY ...	9-9	35	10.5	5.7	8.1	+3.6	14.6	28	-0.2	13	7.4	8.4	43	-	12	25	13	10	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENT																																	
DOVER ...	9-9	6	10.6	6.4	8.5	+3.0	14.8	28	1.2	12	8.0	8.8	55	-	15	25	16	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
DUNGENESS ...	9-9	3	10.1	6.5	8.3	-	12.4	29	0.6	12	-	-	54	-	13	25	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EAST MALLING ...	9-9	37	10.6	5.9	8.3	+3.8	15.5	28	0.9	10	6.9	7.8	41	-	11	25	14	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
ELMSTONE ...	9-9	5	11.1	5.6	8.3	-	16.2	28	-0.4	14	-	-	28	-	11	26	11	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
FAVERSHAM ...	9-9	48	10.5	5.7	8.1	-	15.6	28	-0.2	13	7.1	8.1	36	-	12	25	11	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
FOLKESTONE ...	9-9	31	10.1	5.5	7.8	-	14.6	28	-0.6	10	-	-	53	75	14	25	13	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
GILLINGHAM ...	9-9	4	11.1	6.4	8.7	-	15.9	28	1.3	11	-	-	35	-	9	25	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-		
GOODHURST ...	9-9	85	10.0	5.5	7.7	+3.6	14.7	28	0.2	25	-	-	49	57	18	25	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HADLOW COLLEGE ...	9-9	30	10.7	5.6	8.1	-	15.2	27	-0.4	25	7.6	8.8	41	-	11	25	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HERNE BAY ...	9-9	31	10.5	5.8	8.1	-	15.5	28	1.0	10.12.14	7.9	-	27	-	7	26	10	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARGATE ...	21-9	44	10.2	5.8	8.0	-	15.9	28	-0.3	13	-	-	23	-	5	26	10	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	
MARGATE ...	9-9	16	10.7	6.5	8.6	+2.9	16.1	28	2.0	12.14	7.3	8.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
THORNLEY ...	9-9	150	9.5	5.2	7.3	-	14.2	27.28																									

DUPLICATE ALSO

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UDC 551 506 1 (41-4)

THE METEOROLOGICAL OFFICE

MONTHLY WEATHER REPORT

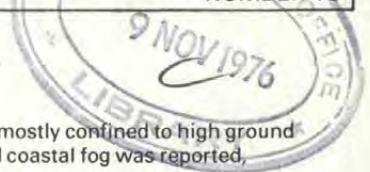
COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Met. 0 869

SUMMARY 1974

VOLUME 91

NUMBER 13



Mild and windy winter months: cool changeable summer: dry spring and wet autumn.

The first six weeks of the year were mild, wet and very windy, with frequent strong winds or gales. The latter half of February was drier, much less windy and more foggy and March was also quiet, though there were intervals of changeable weather. Snow or sleet (snow mixed with rain or drizzle), which had fallen chiefly over high ground in the north during the previous two months, occurred farther south in March. April was a very dry month and many places had long sunny periods with high temperatures by day and frosts at night. Monthly mean temperatures from March to May were generally within 1 degC of average, but June was a little cooler and July and August were cool, although there were some warm days. Throughout the summer months showers and outbreaks of rain alternated with drier periods and sunny spells. September was wet, windy and rather cold, but in spite of the frequent rain most places had sunny periods. The unsettled weather continued into October, which was unusually cold in all districts. Snow or sleet showers fell throughout the month, mostly in Scotland and northern England. November was less cold, but was wet, and the last two months of the year were often very windy. Although showers or periods of rain also occurred frequently in December, rainfall amounts were often small in southern and eastern districts of the United Kingdom. December was, however, remarkable for its exceptionally mild weather, which contrasted so strikingly with the cold of October that the mean temperatures for the two months over England and Wales as a whole were almost the same. Hail and thunder were reported in all months and storms sometimes caused flooding. The year was not exceptionally foggy, but hill or coastal fog occurred in most months, particularly in heavy rain, and was a notable feature of the weather in July. Snow or sleet fell mainly on high ground in northern areas and did not lie for long, except on the higher slopes of mountains.

WEATHER

January - The month was very mild generally and many districts were wet. Heavy rain caused flooding in widely separated places, and thunderstorms occurred in England and Wales in the second week. Snow or sleet fell mostly on high ground in northern areas. It was also very windy and gales were widespread and severe on several days.

February - The first two weeks were wet and windy with gales at times, especially in the southern half of England and Wales. The rest of the month was drier and less windy, with overnight fog in some districts. Snow or sleet fell mainly in northern areas and it was generally mild, becoming colder at the end of the month.

March - Rather cold weather during the first half of the month gave way to milder conditions later. Wintry showers occurred during the first three weeks and heavy rain, with occasional thunder, fell in the third week. Fog affected some areas, mostly during the latter half of the month.

April - The first 10 days were generally sunny with warm days and cold nights, except along eastern coasts of England and Scotland, which were affected by fog. Apart from a few wet days in the second week and a showery period towards the end of the month, almost all areas were very dry.

May - Dry and sunny weather alternated with rainy periods, although some places in eastern England were very dry. Thunder and hail occurred at times.

June - There were a few warm, sunny spells, but the weather was generally changeable. Thunderstorms and intense rainfall caused flooding, especially in the southern half of England.

July - The month was generally cool with sunny periods and showers or outbreaks of rain, which were sometimes thundery. Hill and coast fog were often reported, particularly in western districts of England and Wales.

August - Showers or longer periods of rain occurred frequently and thunderstorms were reported. In spite of the rainfall, which led to flooding in some places, it was mostly sunny, though cool.

September - Although there were sunny periods in many districts, the month was generally cold and often wet. Heavy rain and thunderstorms occurred in widely separated areas and led to flooding. It was also windy and gales were reported, particularly in England and Wales during the first week.

October - Showery weather predominated and thunder was often reported in England and Wales, but there were also longer periods of rain. Snow or sleet showers fell at times, mainly in northern districts, throughout the month and it was generally cold and rather windy.

November - Showers or outbreaks of rain occurred in all districts and it was often very windy with gales at times, especially during the second and

fourth weeks. Falls of snow or sleet were mostly confined to high ground in northern areas and widespread hill and coastal fog was reported, usually during heavy rain.

December - The month was exceptionally mild in many areas and although showers or periods of rain often occurred, amounts were very variable. Snow or sleet fell in Scotland, northern England and North Wales: it was also windy and the frequent gales caused snowdrifts at times in Scotland.

WIND

The number of days on which gales occurred was generally above average, particularly in coastal districts. January and the first two weeks of February were very windy with frequent strong winds or gales and gusts often exceeded 60 kt. On 12 January, during severe gales in northern and western districts, a gust of 114 kt was reported from the high-level station at Great Dun Fell (Cumbria). On the same day Kilkeel (Co. Down) had a mean hourly wind speed of 54 kt and a gust of 108 kt; these were the highest wind speeds so far recorded in Northern Ireland. Several people were killed during the winter gales and road and rail communications were disrupted by fallen trees and floods. In the second week of February onshore gales drove the sea over low-lying areas along the south coast of England and on 11 February part of the sea-front railway station at Dawlish (Devon) was demolished by heavy seas. After 15 February gales were much less frequent and winds were mostly light or moderate during March. Strong winds were occasionally reported in April and nearly reached gale force round the north and east coasts of Scotland at the end of the month. From May to July strong winds were reported more often, particularly in coastal districts, and there were a few gales, although a quieter period occurred around the middle of June. Light or moderate winds prevailed during August, but local gales occurred on the coasts of Northern Ireland, Scotland and northern England on the 25th. September was windier with gales at times: England and Wales were most frequently affected, especially during the first week and the last 10 days. During gales on 7 September two men were killed by falling trees in the Midlands and another man died after an advertising sign in Margate (Kent) had blown down and struck him. On the same day an uprooted tree derailed a train at Liphook (Hampshire), but there were no serious casualties. Gusts of around 70 kt were reported at several coastal stations in south-west England on 23 September. Rather windy weather continued through October, and gales were occasionally widespread and severe. On the 27th the high-level station of Snaefell (Isle of Man) recorded a mean hourly wind speed of 81 kt and a gust of 96 kt. November was often very windy, particularly during the second and fourth weeks. Severe gales affected Scotland on the 11th and a gust of 80 kt was recorded at Tiree (Argyllshire). A few days later gales swept western and southern coasts of England and Wales and the Lizard (Cornwall) had a gust of 77 kt on the 13th. Many places reported gusts exceeding 50 kt in the last week of November and Coningsby (Lincolnshire) had a gust of 71 kt on the 27th. The rough weather continued throughout December and gales were often reported. A gust of 78 kt at Kew (Greater London) on the 11th was probably the highest wind speed recorded there since records began in 1871. On the same day a particularly fierce gust lifted a large aircraft at London/Heathrow Airport and blew it into another which was parked nearby. Gales on 17 December were severe on coasts and over high ground and there were several very windy days in the last week. A gust of 74 kt was recorded at the Lizard on the 27th and at South Gare near Middlesbrough (Cleveland) the wind gusted to 83 kt on at least two occasions on the 28th; this gust speed was also reached at Eskdalemuir (Dumfriesshire) on the 29th.

TEMPERATURE

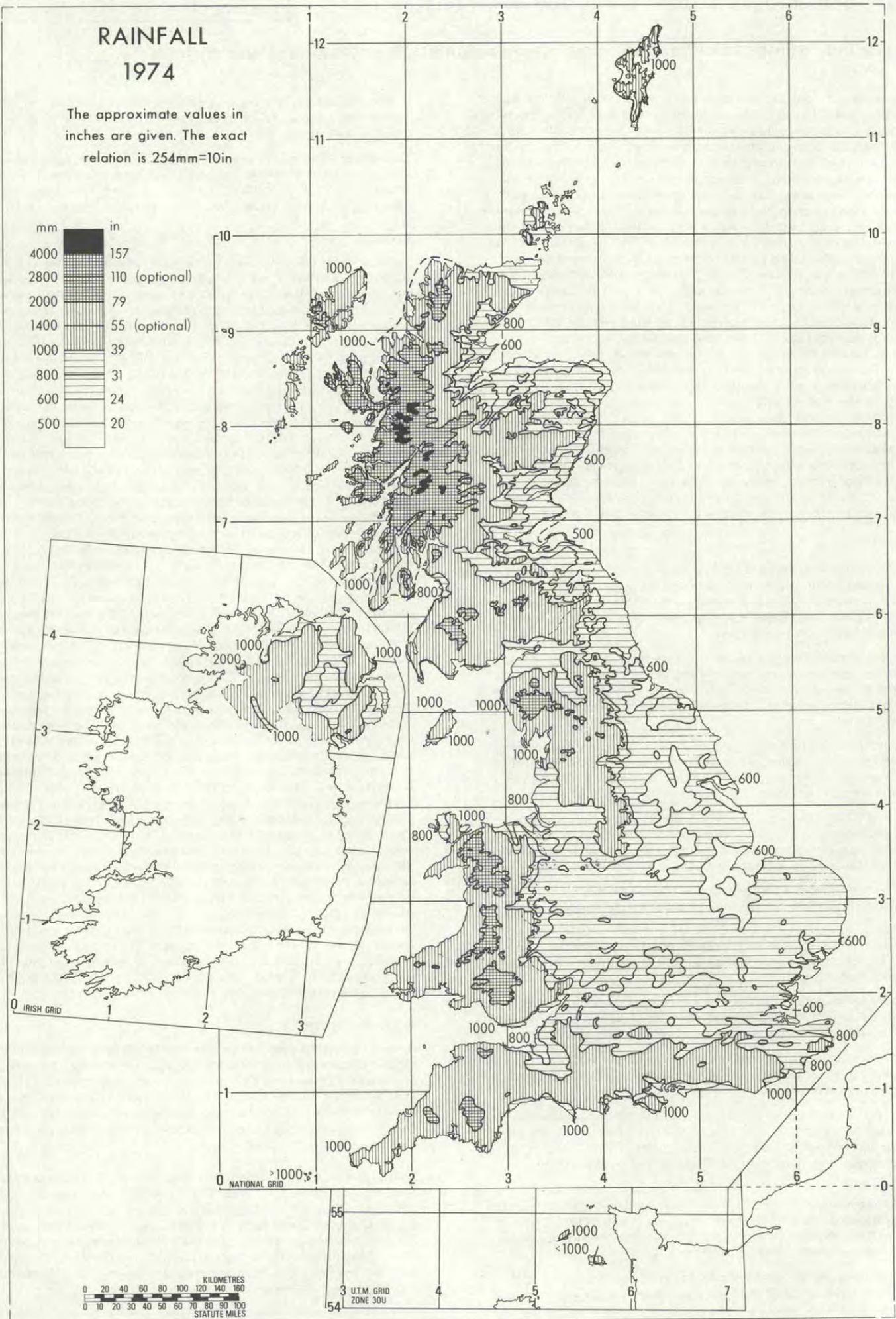
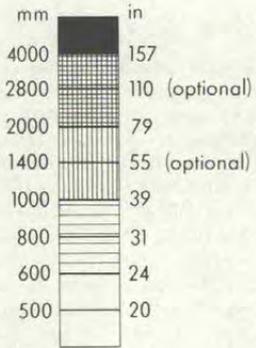
Annual mean temperatures were within 0.4 degC of average almost everywhere. Most districts were slightly above average, but Northern Ireland, parts of Wales, south-west England and East Anglia, and a few places in Scotland were a little below normal. January and February were mild in all districts, but the summer months of June, July and August were rather cool and September and October were cold. December was very mild, so the year ended much as it had begun.

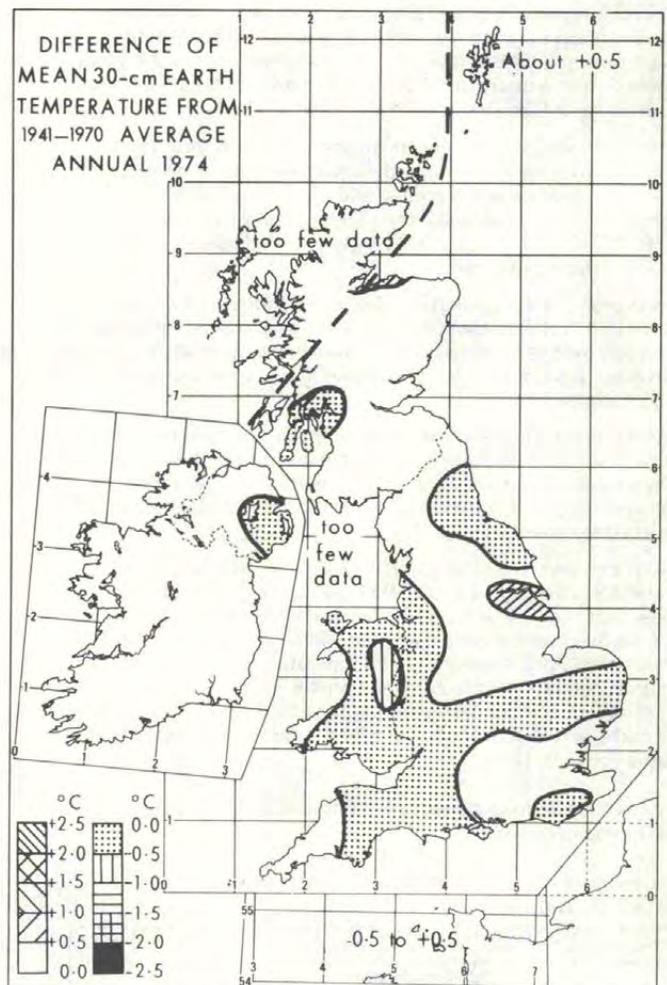
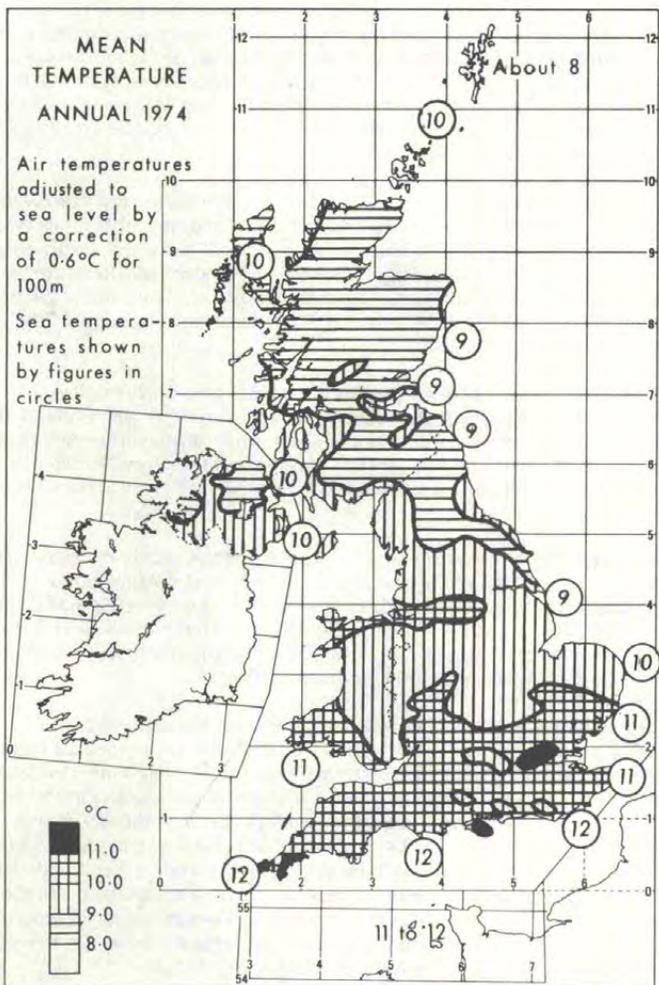
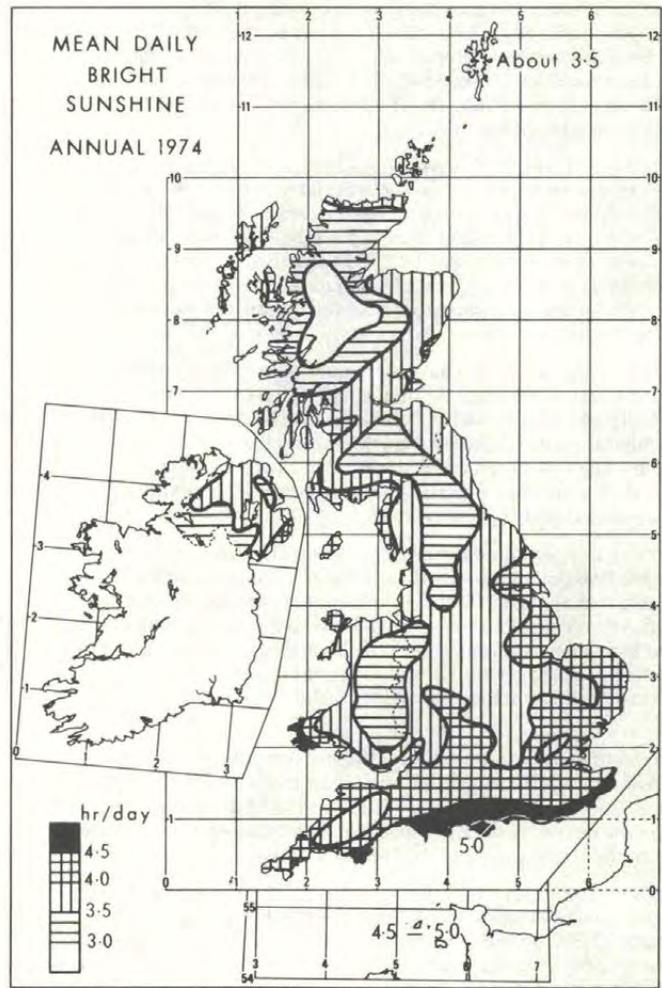
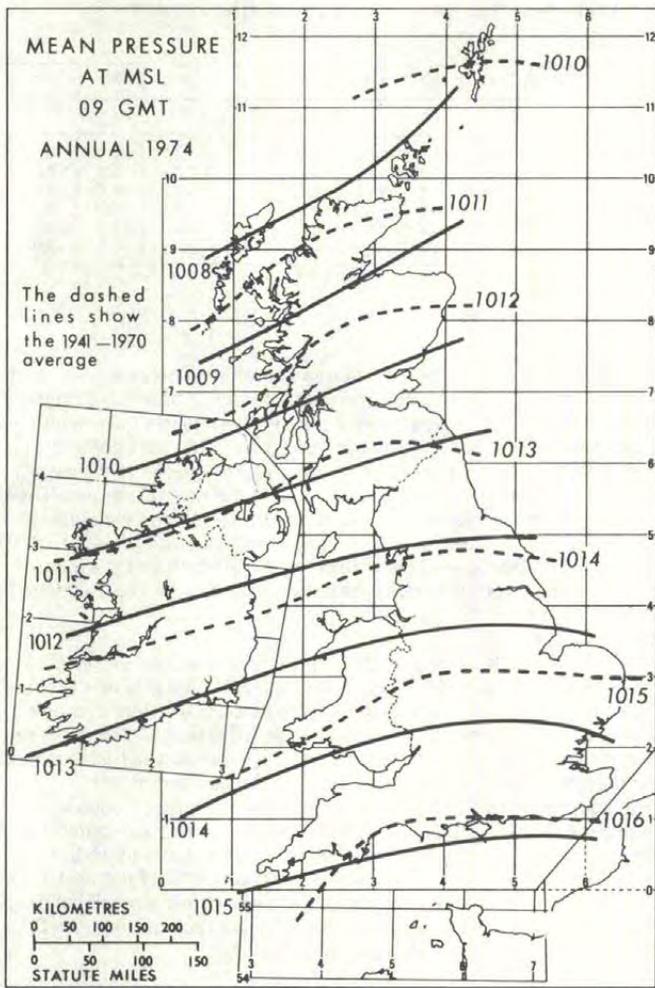
January - This was probably the mildest January in England, Wales and Scotland as a whole for at least 30 years and in most parts of Northern Ireland for 20 years. Monthly mean temperatures were generally 1.5 to 3.0 degC above normal and in parts of eastern Scotland they were 3.0 to 3.5 degC higher than average. On the 17th the temperature reached 15.3°C at Winnington (Cheshire), the highest January temperature reached there since records began in 1947. Frost occurred on many nights in Scotland, but was less frequent elsewhere.

E43A

RAINFALL 1974

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





February - Except for a few rather cold days, mostly during the first two weeks, the month was generally mild. A maximum temperature of 17.5°C was recorded at Banchory (Kincardineshire) on the 21st, which was the highest February temperature recorded in Scotland since 1897, although a similar temperature occurred at Stonehaven, also in Kincardineshire, in 1943. Many areas had frequent slight frosts.

March - Monthly mean temperatures were generally near average, although the first two weeks were mostly rather cold, particularly from the 9th to 11th in parts of the Midlands and southern England, where temperatures reached only 3°C at a number of places. During the milder second half of the month the maximum temperature of 19.8°C recorded at Kinlochewe (Ross and Cromarty) on the 31st was the highest March temperature recorded in Scotland since 1965. Frosts occurred throughout the month, but were less widespread during the last two weeks.

April - During the first two weeks the days were generally mild, especially in north-eastern and western Scotland. Glenlivet (Banffshire) recorded a temperature of 22.4°C on the 8th and at Achnashellach (Ross and Cromarty) the maximum temperature of 22.0°C on the 7th and again on the 8th was the highest April temperature recorded there since 1952. However, eastern coasts of Great Britain were cool and over much of England the monthly mean temperature was slightly below average.

May - Monthly mean temperatures were within 1 degC of average almost everywhere, but the first half of the month, when night frosts occurred frequently, was colder than the second. A minimum temperature of -5.5°C at Stratford-upon-Avon (Warwickshire) on the 8th was the lowest temperature recorded there in May since records began in 1933 and at Grizedale (Cumbria) the temperature fell to -6.9°C on the 12th. During the warmer latter part of the month the temperature at East Dereham (Norfolk) reached 25.2°C on the 18th.

June - Although monthly mean temperatures varied from near average to about 1 degC below average, there were a few warm spells. At Southampton, Mayflower Park, the temperature reached 28.0°C on the 15th, and on the 21st, during a spell when warm weather was fairly widespread, temperatures reached 25°C or more in many parts of the United Kingdom.

July - Monthly mean temperatures ranged from 0.5 to 1.5 degC below average and there were only two brief warm spells. At Jersey, St Helier the temperature rose to 26.3°C on the 8th, and on the 20th, during a few days when warm weather prevailed more generally, Littlehampton (West Sussex) recorded a maximum temperature of 26.4°C.

August - Except in Orkney and Shetland and in some eastern and northern coastal districts, which were slightly warmer than normal, monthly mean temperatures were near or a little below average. There were some short warm spells and a maximum temperature of 27.0°C was recorded at Stratford-upon-Avon on the 6th and also at East Dereham (Norfolk) on the 15th.

September - The month was mostly cold and in one or two places in Wales and south-west England monthly mean temperatures were as much as 2.5 degC below average. A warm spell occurred around mid month, but during the last two weeks it was very cold at times and during the night of 27th/28th the temperature fell to -6.0°C at Braemar (Aberdeenshire), the lowest September temperature recorded there since 1942.

October - This was probably the coldest October in Northern Ireland this century, in England and Wales as a whole since 1917 and in Scotland since 1926. Except for a few mild days, temperatures were below normal throughout the month and in many areas monthly mean temperatures were as much as 3.0 to 4.0 degC below average.

November - Monthly mean temperatures were near average almost everywhere and the mildest weather occurred mostly during the first half of the month, but during the third week it was particularly cold in central and southern Scotland and Northern England. At Abbotsinch (Renfrewshire) on the 20th the temperature did not rise above 0°C all day.

December - Taking England, Wales and Northern Ireland together, this was probably the mildest December since 1934, contrasting so strikingly with the cold of October that over England and Wales as a whole the mean monthly temperatures for the two months were almost the same. During a particularly mild period towards the end of the month the temperature reached 15.8°C at Inverpolly (Ross and Cromarty) on the 23rd and on the 28th Elmstone (Kent) had a maximum of 16.2°C. On the same day Edgbaston, Birmingham, recorded a temperature of 15.2°C, which was the highest December temperature measured there since records began in 1885.

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

Departures of the monthly and annual mean temperatures from the corresponding 1941-70 averages

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Degrees Celsius													
(a)	+2.5	+1.9	0.0	-0.5	-0.3	-0.6	-0.8	-0.4	-1.7	-3.0	0.0	+3.2	0.0
(b)	+2.4	+1.7	0.0	+0.1	+0.4	-0.4	-0.7	-0.1	-1.5	-2.2	-0.2	+1.9	+0.1
(c)	+2.2	+1.3	-0.4	+0.1	-0.4	-0.9	-0.7	-0.2	-2.1	-2.5	-0.1	+2.4	-0.2

The highest and lowest temperatures recorded in each month

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Degrees Celsius												
(a) Max	15.3	15.1	18.9	21.7	25.2	28.0	26.4	27.0	25.0	16.1	15.8	16.2
Min	-8.9	-7.5	-7.2	-6.3	-6.9	-4.8	1.3	0.1	-3.1	-5.0	-5.9	-6.6
(b) Max	14.0	17.5	19.8	22.4	24.6	27.2	24.0	23.3	20.8	16.0	14.4	15.8
Min	-6.5	-10.2	-8.2	-6.9	-7.0	-1.8	-0.8	-2.1	-6.0	-5.3	-8.7	-6.0
(c) Max	12.8	12.8	15.6	20.4	18.7	26.2	22.7	22.2	19.4	16.3	13.9	14.8
Min	-4.1	-5.2	-5.9	-4.4	-2.5	-1.4	1.5	0.2	-3.0	-2.6	-6.2	-1.3

RAINFALL

Annual rainfall totals (which include melted snow) were between 100 and 120 per cent of average over Wales, much of Scotland and most of England, though the south and south-west were a little wetter. Rainfall was about average in Northern Ireland. Northern and eastern coastal districts of Scotland, south-east Scotland, north-east England and parts of the Midlands were generally drier, with around 85 to 100 per cent of the normal amount. The most notable feature of the rainfall in 1974 was the dry spring and wet autumn. This was particularly marked in England and Wales as a whole, where the combined April and May period was the driest since 1896 and the autumn (September, October and November) was the wettest since 1960 and the fifth wettest this century.

January - This was probably the wettest January in Scotland since 1928, in Northern Ireland since 1948 and in England and Wales as a whole since 1960. Parts of central Scotland had more than three times their average rainfall, but some northern, eastern and southern districts of Great Britain were drier than average and in eastern Scotland a few places had less than half their normal rainfall. Heavy rain on the 8th caused extensive flooding in some southern coastal areas and there were also floods in western and southern Scotland when heavy rainfall was accompanied by high tides and strong winds. Further floods occurred in parts of western Scotland on the 17th and 18th. In the 24 hours from 09 GMT on the 17th a fall of 238.4 mm was measured at Loch Sloy, Main Adit (Dunbartonshire). This was the greatest amount of rain in a 'rainfall day' (the 24-hour period from 09 GMT on the date stated) ever recorded in Scotland.

February - In most of southern England monthly rainfall was more than double the average and in many other districts totals ranged from 100 to 200 per cent of average, but parts of north-eastern England and central and northern Scotland were drier than normal. The first half of the month was the wettest with showers or periods of rain, often heavy and sometimes thundery. There were also hail showers at times. Among the larger falls recorded in a 'rainfall day' were 78.2 mm at Honister Hawse (Cumbria) on the 2nd and 82.5 mm at Venford Down (Devon) on the 14th.

March - Although there were some heavy falls, mostly during the third week of the month, rainfall was mainly slight and in many places monthly totals were well below average. The wettest areas were in eastern Scotland, north-east England and North Wales. In the drier districts Cape Wrath (Sutherland) had a monthly total of only 12 mm, but a 'daily' fall (the rainfall during the 24-hour period from 09 GMT on the date stated) of 70.1 mm occurred on the 17th at Loch Thom (Renfrewshire).

April - The month was very dry and monthly rainfall totals were below 50 per cent of average over most of the country. Parts of north-west England and west Scotland had less than 5 per cent of the normal rainfall and many places in Scotland, north-west England and East Anglia had the driest April since their records began. No rain at all was recorded at Gisla Power Station (Ross and Cromarty).

May - Rainy periods alternated with drier spells and the wetter districts were on the western side of the country. 'Daily' rainfall totals included 85.7 mm at Braich Dinas (Gwynedd) on the 1st and 62.6 mm at Spelga Dam (Co. Down) on the 17th. In eastern England Cleethorpes (Humberside) and Gorleston (Norfolk) each recorded only 11 mm of rainfall and Tynemouth (Tyne and Wear) with 9 mm had its lowest May total for at least 48 years.

June - Rainfall was generally below average in Northern Ireland, but in other areas monthly rainfall totals were very variable and changeable weather alternated with drier spells. Thunderstorms were heaviest and most widespread over the Midlands and eastern and southern England, particularly in the latter half of the month, and intense rain led to flooding in some places. Among the heavier 'daily' falls were 75.3 mm at Houghton Lodge (Hampshire) on the 15th and 95.7 mm at Ambrosden (Oxfordshire) on the 16th, when flood water at Redfield, near Bristol, was reported to have been over a metre deep. On the 27th roads and buildings in some coastal districts of south-eastern England were flooded by sudden downpours and at Hastings (East Sussex) 34 mm of rain were measured in 30 minutes, a fall classified as 'remarkable'.

July - Showers or periods of rain occurred frequently, and a few places in North Wales and north-western England had almost double their normal rainfall. During widespread rain on the 2nd falls of 50 mm or more were reported in the

24 hours from 09 GMT at stations in Wales and on the 30th a 'daily' fall of 63.0 mm was recorded at Minafon (Gwynedd). Isolated thunderstorms occurred and there were occasional hail showers. In small areas in eastern Scotland, East Anglia and south-west England rainfall totals were 50 per cent of average or less.

August - Monthly rainfall totals were near or above average in the extreme west of Northern Ireland and in western Scotland. Southernmost districts of Wales, most of the Midlands and eastern and southern England were also wet, and in small areas in East Anglia and south-west England rainfall was about twice the average. Other districts were drier, particularly in eastern Scotland. Thunderstorms were most active in the Midlands, southern and eastern England and South Wales, but also occurred in other areas. Torrential rain caused flooding in some districts. 'Daily' falls included 70.0 mm of rain at Stansted Nurseries (Essex) on the 7th and 78.7 mm at Creech Grange (Dorset) on the 30th.

September - Although in parts of northern, central and eastern Scotland and in a few small areas in eastern England monthly rainfall ranged from 50 to 100 per cent of average, monthly totals were above average elsewhere. Most of southern England had well over double the normal amount of rain and Hartley Reservoir, Plymouth, with 216.8 mm, had the highest September total there since records began in 1909. There were frequent showers or outbreaks of rain, heavy in places and causing flooding in southern England. On 28th 19 cows were reported to have been saved by helicopter from drowning in floods at Sturminster Marshall (Dorset). Some of the showers were of hail, and thunderstorms, which were reported at times during the month, occurred widely over southern Scotland, England and Wales on the 12th, when 20 mm of rain fell in 15 minutes at Oxford. Large 'daily' falls included 80.0 mm at Foffany Reservoir (Co Down) on the 2nd and 86.6 mm at Dinas Mawddwy (Gwynedd) on the 7th. At Winstitchen (Somerset) 64.7 mm fell in a 17-hour period from 18 GMT on the 26th.

October - Rainfall was near or below average in Northern Ireland and in most of Scotland, except in parts of the north-east and south-east where monthly totals were well above average. It was also wetter than usual in parts of the Midlands, northern and western Wales, Cornwall and eastern England, where some places had nearly three times their normal rainfall. Showers, sometimes accompanied by hail, occurred frequently and there were also more prolonged periods of rain. Thunder was often reported in England and Wales. On the 7th a 'daily' total of 55.7 mm was recorded at Barnetby-le-Wold (Humberside) and on the 18th 59.4 mm fell at Honister Hawse, Borrowdale (Cumbria).

November - Except in the extreme east of Scotland, parts of north-east and eastern England and a small area of west Wales, it was generally wetter than normal. Showers or outbreaks of rain, often heavy and with hail and thunder at times, occurred in all districts, and some places in East Anglia and south-eastern England had more than twice their usual amount of rain. Many roads were flooded in south-western England on the 11th and between the 19th and 23rd there was widespread flooding in southern England, the Midlands and East Anglia. Large 'daily' falls included two in Scotland: 111.5 mm of rain fell at Achnagart (Ross and Cromarty) on the 10th and on the 22nd Forest Lodge (Perthshire) recorded 93.2 mm.

December - Showers or periods of rain occurred throughout the month, but over much of England monthly rainfall totals were below average and amounts were often small in eastern and southern districts. Parts of north-west England and most of Northern Ireland, Wales and Scotland had above average rainfall and in the north-western Highlands some stations had twice their normal rainfall for the month. There were scattered thunderstorms on a few days and some hail showers. Among the larger 'daily' falls were 83.8 mm at Lluest Wen Filters (Mid Glamorgan) on the 21st and 77.1 mm at The Nook, Thirlmere (Cumbria) on Christmas Day.

The following table gives monthly and annual general rainfall amounts expressed as percentages of the 1941-70 average for (a) England and Wales, (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	per cent												
(a)	131	162	80	26	57	110	102	110	179	130	135	80	112
(b)	165	112	84	24	87	81	95	80	103	74	144	162	106
(c)	140	129	68	43	118	60	103	73	148	62	107	97	99

THUNDER

Thunder was reported intermittently in all months and thunderstorms, occasionally widespread and accompanied by heavy rain and hail, occurred at times throughout the year, particularly in southern England, the Midlands and South Wales. Towards the end of June, local thunderstorms also affected northern England, Scotland and Northern Ireland. In August thunderstorms, which were severe locally in the Midlands and in southern and eastern England, occurred at intervals throughout the month and flooding followed torrential rain.

There were reports of damage by lightning and on 4 August a man was killed by lightning at Felixstowe (Suffolk). On 12 September thunderstorms occurred widely in England, Wales and southern Scotland. Lightning damage was again reported and there were heavy downpours in several places. Lightning struck a church tower in Derby on 3 October, and on 11 December three people were reported to have been injured when the roof of a house in Ramsgate (Kent) collapsed after being struck by lightning.

SNOW OR SLEET (Snow mixed with rain or drizzle)

January, February and April were less snowy than usual in most districts, but in March snow fell on about the average number of days. Occasional falls of snow or sleet occurred over high ground in Scotland, Wales and Northern England in May and there were isolated falls in Scotland in June. Large patches of snow were observed on the upper slopes of the Scottish mountains in July and August. A few snow or sleet showers were reported in Scotland and North Wales in September and in Scotland and Northern England in October, occasionally occurring farther south. In November showers of snow or sleet fell in Scotland, northern England and North Wales and there was a fall in the north Midlands, but south of these districts reports of snow were minimal. Falls of snow or sleet in December occurred mostly on high ground in Scotland, northern England and North Wales, but as in November the number of occasions when snow fell decreased towards the south.

January - Snow or sleet fell at times, but significant accumulations of snow were confined to high ground in Scotland and northern England where undrifted depths of 10 to 23 cm were measured around mid month and during the last week.

February - Between the 6th and 8th undrifted snow depths of 8 to 15 cm occurred in North Wales, northern England and Scotland. In the north-west Highlands 15 to 20 cm were measured, but the snow did not lie for long except on the higher slopes of the Scottish mountains.

March - Falls of snow or sleet, occasionally heavy, occurred during the first three weeks. On the 1st central and eastern Scotland and parts of northern England had 10 to 20 cm of snow and an undrifted depth of 23 cm was measured at Ashintully Castle (Perthshire). Snow falling in the southern half of England and Wales between the 9th and the 12th accumulated to depths of 8 to 16 cm for a short time at some places on high ground.

April - Isolated falls of snow or sleet were observed on a few occasions in Northern Ireland, Scotland and over the Pennines. Snow lay only on the highest hills.

May - Snow or sleet fell occasionally over high ground in Scotland and Wales and snow lay for many days at high levels in Scotland and north-west England.

June - Snow fell in northern Scotland on one or two days and lay on the upper slopes of mountains.

July and August - Large patches of snow were observed above 900 m in the eastern Grampians.

September - Snow or sleet showers were reported in Scotland and over the mountains of North Wales towards the end of the month, but the snow did not lie, except on the higher slopes of the Scottish mountains.

October - Showers of snow or sleet fell in Scotland and northern England and also in south and east England on one or two occasions. On the 28th snowdrifts nearly 1 metre deep were reported on some mountain roads in Scotland.

November - Snow or sleet showers occurred in Scotland, northern England and North Wales and Northern Ireland. Undrifted depths of 5 to 8 cm were measured in parts of south-western Scotland and in the north Midlands after snowfall on the 19th, but the snow did not lie.

December - Falls of snow or sleet occurred in Scotland, northern England and North Wales and there were some prolonged falls of snow during the second and third weeks. Undrifted depths of 5 to 10 cm were measured at some places and on the 11th an undrifted depth of 27 cm was recorded at Leadhills (Lanarkshire) (387 m).

SUNSHINE

Annual sunshine totals were mostly within 10% of normal. Central southern England, the Midlands, the Isle of Man, Northern Ireland and Scotland generally were a little sunnier than average, but eastern districts of East Anglia and south-east England and some places in south-west England and Wales had a little less sunshine than normal. Monthly sunshine totals were rather variable: April was sunny in Scotland, but February was dull, particularly in the north. Similarly, April and November were sunny months in Northern Ireland, but January and May were about 25 per cent below average. Over England and Wales as a whole, however, monthly totals were all within about 10 per cent of average.

January - Most places in western Scotland, Northern Ireland and the south and west of England had less sunshine than normal, but eastern districts of England and Scotland and northern and central England were sunnier than average.

February - Except for south-west England and coastal districts of south-eastern Scotland and of eastern and southern England, which were a little sunnier than average, most other areas were less sunny than normal. Parts of northern Scotland had only about half the average sunshine for the month.

March - Northern Scotland was sunnier than normal and Baltasound (Shetland), with a total of nearly 121 hours, had its sunniest March since records began in 1907, although this total was equalled in March 1937. Sunshine totals were generally near or a little above average in Northern Ireland and in some western and southern districts of England and Wales and below normal in other areas.

April - Sunshine durations were very variable, although many places had long sunny periods during the first ten days. At Fort Augustus (Inverness-shire) it was the sunniest April since 1886, but Tynemouth (Tyne and Wear) and Scarborough (North Yorkshire) had their dullest April since 1937.

May - Northern Ireland was generally rather dull, but elsewhere monthly sunshine amounts were mostly near average.

June - North-west England, the Isle of Man, parts of Northern Ireland and much of Scotland were the sunniest areas generally, and at Benbecula (Ross and Cromarty) there were over 16 hours of sunshine on each of six consecutive days.

July - Except in parts of northern and eastern Scotland and some districts in the Midlands and eastern England, sunshine totals were mostly below average.

August - Although parts of western Scotland were rather dull, most districts were sunnier than normal. In contrast with Onich (Inverness-shire) which had only 73 hours, the lowest August total there since 1943, Baltasound (Shetland) recorded 166 hours, its highest August total since 1947.

September - Many places had sunny periods, but Shetland and the Outer Hebrides, with around 140 per cent of average, had the most sunshine. The least sunny districts were in Wales and south-west England.

October - In England, Wales and northern and eastern Scotland monthly sunshine was mostly near or below average. Nairn, with only 34 hours of sunshine, had its lowest October total since 1906, but Northern Ireland, the Isle of Man, Shetland and western Scotland were generally sunnier than normal and some places around the Firth of Clyde had their sunniest October for 35 years.

November - Southern, eastern and north-western England were rather dull and sunshine was also a little below average in parts of western Scotland, west Wales and south-west England. Other areas were sunnier than normal and in some parts of Northern Ireland it was the sunniest November this century.

December - Sunshine amounts were variable. Some places in the Scottish Highlands and central Wales were dull, but eastern and central districts of England and Scotland were sunnier than normal and Stonehaven (Kincardineshire), with 78 hours of sunshine, had its highest recorded December total since 1931.

The following table gives monthly and annual general values of sunshine expressed as percentages of the 1941-70 average for (a) England and Wales (b) Scotland and (c) Northern Ireland.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
	per cent												
(a)	109	96	93	97	106	98	92	111	106	89	93	103	100
(b)	81	71	97	121	95	110	98	101	107	93	100	93	104
(c)	78	85	100	138	74	103	92	112	103	111	129	80	102

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

Station	Hours	Station	Hours
Shanklin	1912.4	Jersey (St Helier)	1834.7
Sandown	1904.6	Worthing	1822.3
Eastbourne	1886.7	Ventnor	1809.2
Bognor Regis	1873.2	Bournemouth (Meyrick Park)	1798.5
Guernsey (L'Ancrese)	1854.9	Brighton	1776.5

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

Northern Ireland		Scotland		Wales	
Station	Hours	Station	Hours	Station	Hours
Murlough	1501.0	Girdstingwood	1550.8	Tenby	1705.9
Kilkeel	1469.2	East Kilbride	1527.3	Valley	1643.7
Ballywalter Park	1447.5	Prestwick	1500.2	Rhoose	1583.8

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

Month	Station	Hours
January	Cleethorpes	72.6
February	Jersey, St Helier (Exmouth)	95.4 (95.0)
March	Bognor Regis	150.7
April	Prabost	257.5
May	Shanklin	280.5
June	Guernsey, L'Ancrese (Valley)	269.4 (267.5)
July	Guernsey, L'Ancrese (Shanklin)	239.7 (231.9)
August	Eastbourne	255.1
September	Eastbourne	183.6
October	Everton	135.3
November	Murlough	91.2
December	Stonehaven	78.5

FOG

Overnight or early morning fog developed at times throughout the year, although the windy weather of January and December did not favour the formation of fog on lower ground. Fog was sometimes persistent and occasionally freezing during the winter months. Coast or hill fog occurred in most months, especially in heavy rain and notably during July.

January - Fog occurred infrequently at night, but on the 1st freezing fog in a few places in East Anglia did not disperse until late afternoon.

February - Patches of fog, occasionally freezing and persistent, occurred chiefly in the Midlands and eastern and southern England, mostly during the second half of the month. Sea fog sometimes affected North Sea and English Channel coasts.

March - Overnight fog affected eastern and southern districts of Great Britain, mostly towards the end of the month. There were occasional patches of freezing fog and in some places dense fog persisted throughout the daytime. Hill fog occurred on a few days in the west and north.

April - From the 1st to the 10th fog affected the east coasts of Scotland and England persisting all day in places and occasionally spreading to the Midlands. Overnight fog occurred occasionally in some districts during the rest of the month and on the 29th fog was widespread over southern England.

May - Scattered patches of morning fog occurred frequently in England and Wales. Sea fog occasionally affected North Sea, English Channel and Irish Sea coasts.

June - After the first 10 days patches of night fog were often reported in eastern and southern England and the Midlands. Sea fog occurred frequently on southern and south-western coasts of England and Wales and in the Channel Islands; hill fog was often reported in western districts of Great Britain.

July - A noteworthy feature of the weather this month was the frequent occurrence of fog on high ground and on the coasts of Wales and south-western England, including the Channel Islands.

August - Patchy fog often developed at night in the Midlands and in eastern and southern England and was also reported in Shetland and on the coasts of southern and south-western England.

September - Early morning fog became more frequent after the first ten days, particularly in eastern and southern Scotland, the Midlands and eastern England. Coastal fog, chiefly affecting south-west England, eastern Scotland and Shetland, occurred mostly during the first two weeks.

October - Occasional scattered fog patches were reported, but from the 12th to the 18th night fog occurred frequently in some districts, particularly in the Midlands, East Anglia and southern England. During the same period hill fog was widespread and coastal fog patches occurred on a few days late in the month.

November - Night fog patches developed in the first and second weeks in England and Wales and at times in Scotland and Northern Ireland. In parts of central and southern Scotland and northern England the fog was sometimes freezing and occasionally widespread and persistent.

Table 1 District values

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max†	Lowest Min†	max	min	mean				
	difference from average					% of average			
0 Scotland N	24.0	-4.6	+0.2	0.0	+0.1	+0.3	+17	112	102
1 Scotland E	24.6	-3.0	+0.1	+0.1	+0.1	+0.3	+15	100	104*
2 England E & NE	25.0	-8.9	-0.1	+0.1	0.0	+0.1	-9	101	99*
3 East Anglia	26.4	-5.7	-0.1	+0.2	0.0	0.0	+10	111	100
4 Midland Counties	25.4	-6.2	-0.1	+0.2	+0.1	+0.1	+10	104	104
5 England SE & Central S	26.1	-3.5	0.0	+0.2	0.0	+0.1	+15	124	100
6 Scotland W	26.9	-6.0	+0.1	+0.1	+0.1	+0.1	+24	106	105
7 England NW & Wales N	27.4	-5.8	0.0	+0.3	+0.1	-0.1	+13	113	101
8 England SW & Wales S	25.9	-5.0	-0.3	+0.1	-0.1	+0.1	+29	120	98*
N Ireland	24.6	-5.4	0.0	-0.3	-0.2	0.0	+12	99	102
Scotland	26.9	-6.0	+0.1	+0.1	+0.1	+0.2	+19	106	104
England & Wales	27.4	-8.9	-0.1	+0.2	0.0	+0.1	+11	112	100

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

* Due to incomplete data at some of the nominated stations, values from other stations have been used

Table 3 (continued)

District Region/County and Place	max. min.	terminal h (GMT) of observation	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)			weather (number of days)										bright sunshine						
			means of		daily mean (mean of a + b)	difference from 1941-70 average	highest max. lowest min.		30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation	snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1941-70 average	exposure		
			max. (a)	min. (b)			max.	min.					amount (mm)	date															0.2 mm or more	1.0 mm or more
			max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.	max.	min.
1 SCOTLAND E—continued																														
Aberdeen																														
Aberdeen	21-9	58	11.4	4.7	8.1	+0.4	22.7	-4.3	-	-	811	-	27	14 Feb	199	146	27	5	2	17	2	5	52	122	81	10	3.85	105	-	
Dyce Airport	99	52	11.1	4.7	7.9	0.0	22.8	-3.6	-	-	780	97	24	14 Feb	199	141	14	4	0	1	3	5	34	96	-	1	4.02	108	-	
Mannofield	99	283	10.6	2.5	6.5	0.0	22.1	-8.5	-	-	969	116	39	11 Jan	223	161	37	27	0	1	1	-	90	190	-	1	-	-	-	
Balmoral	99	339	-	2.9	-	-	23.3	-9.6	-	-	1022	116	44	11 Jan	230	173	-	25	-	-	-	-	80	119	-	-	3.15	103	S	
Braemar	99	91	11.0	4.6	7.8	+0.1	21.9	-2.8	8.1	8.2	678	80	19	16 Jan	197	146	17	7	0	0	0	29	30	117	-	4	4.02	107	-	
Craibstone	99	177	-	3.1	-	-	-	(-6.5)	7.8	-	764	-	23	22 Nov	188	140	-	4	-	-	-	6	83	154	-	-	3.76	-	-	
Dinnet	99	66	11.4	-	-	-	24.0	-	-	-	898	103	26	30 Jun	246	168	7	-	0	2	3	-	-	139	-	20	-	-	-	
Fyvie Castle	99	146	11.2	4.1	7.7	-	21.8	-4.5	-	-	914	-	25	16 Jan	214	157	-	-	-	-	-	-	45	113	-	-	-	-	-	-
Gartly	99	77	11.8	4.3	8.1	-	23.0	-4.5	-	-	890	-	28	10 Jan	202	136	35	11	1	18	8	7	49	113	81	8	3.66	-	-	
Banchory	99	4	11.5	-	-	-	23.8	-	-	-	739	-	26	14 Feb	154	142	-	-	-	-	-	-	-	-	-	-	3.86	106	-	
Stonehaven	99	28	11.1	5.7	8.4	-	22.7	(-3.6)	-	-	588	-	17	16 Jun	189	132	3	1	0	1	0	16	9	39	-	4	3.79	93	-	
Arbroath	99	45	12.0	5.3	8.7	+0.2	24.6	-2.1	8.9	-	690	92	24	22 Nov	192	138	13	5	0	1	3	6	20	115	-	4	3.85	105	-	
Dundee	99	57	11.2	4.9	8.1	-	23.0	-3.3	-	-	671	92	21	29 Jan	200	132	14	3	5	5	9	24	123	-	13	-	-	-	-	
Montrose	99	30	11.8	4.9	8.3	-	23.4	-4.1	8.6	8.7	625	-	25	22 Nov	187	130	8	6	0	3	3	18	30	131	-	1	4.01	-	-	-
Mylnefield	21-9	30	11.0	5.6	8.3	-	23.2	-2.5	-	-	587	-	18	15 Jul	168	134	9	1	0	1	3	11	11	53	-	19	4.07	-	-	
Usan	99	258	10.8	3.1	6.9	-	23.5	-6.6	-	-	1430	-	56	10 Jan	214	155	21	21	0	0	0	24	77	118	-	2	-	-	-	S
Whitehilllocks	99	27	-	-	-	-	-	-7.5	-	-	1677	-	40	10 Nov	243	206	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aberfoyle	99	130	11.8	4.7	8.3	-	25.0	-3.5	-	-	1512	-	58	4 Jan	238	181	22	7	0	1	7	5	27	111	-	4	3.26	-	-	-
Ardtalnaig	99	341	10.3	2.7	6.5	-	22.4	-7.2	-	-	1037	-	61	22 Nov	206	154	43	43	1	0	3	29	85	145	-	2	-	-	-	-
Ashintully Castle	99	70	-	4.3	-	-	(22.9)	-5.9	8.4	-	801	-	75	16 Jun	199	137	-	-	-	-	-	-	50	110	-	-	3.60	-	-	-
Blairgowrie	99	107	11.7	4.0	7.9	-	24.5	-5.0	-	-	1721	-	39	17 Jan	238	192	31	15	0	0	1	7	45	112	-	4	-	-	-	-
Callander	99	232	-	2.4	-	-	26.4	-8.2	-	-	1524	-	44	10 Feb	242	185	-	31	-	-	-	-	125	-	-	-	-	-	-	-
Dall	99	113	11.7	3.9	7.8	-	23.0	-7.0	8.9	-	1225	-	38	29 Jan	215	162	15	8	0	0	5	-	49	171	-	5	3.73	-	-	S
Drummond Castle	99	94	11.9	4.0	7.9	-	23.5	-6.0	8.6	8.9	953	-	36	22 Nov	220	156	29	13	0	2	2	9	71	143	-	0	-	-	-	-
Faskally	99	152	11.7	3.0	7.3	-	22.4	-6.6	-	-	1063	-	43	29 Jan	233	174	26	-	4	8	3	15	73	153	-	10	3.73	-	-	-
Gleneagles	99	259	10.5	2.4	6.5	-	22.5	-7.9	-	-	1095	-	52	22 Nov	220	157	48	47	1	10	4	8	93	176	-	4	-	-	-	-
Kindrogan	99	23	12.5	5.1	8.8	+0.4	23.3	-5.7	-	-	724	93	36	21 Nov	171	129	2	0	0	0	0	13	33	116	-	2	3.84	108	-	
Perth	99	144	11.4	3.8	7.6	-	22.8	-5.8	-	-	918	-	39	22 Nov	232	160	16	13	0	0	3	2	62	159	-	0	3.33	-	-	-
Pitlochry	99	41	12.3	4.9	8.6	-	23.1	-4.6	-	-	800	-	35	21 Nov	194	139	21	9	5	5	3	9	34	-	-	10	-	-	-	-
Strathallan	99	116	-	3.7	-	-	21.6	-4.5	8.7	-	874	-	37	21 Nov	208	158	-	0	-	-	-	-	52	-	-	-	3.77	-	-	-
Kinross	99	82	11.3	5.3	8.3	-	21.7	-3.9	-	-	617	-	18	28 Apr	183	126	7	2	0	4	4	20	15	96	-	4	-	-	-	-
Kinross	99	117	-	-	-	-	-	-3.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Belliston	99	32	-	-	-	-	-	(-2.0)	-	-	683	-	23	5 Sep	201	160	18	0	0	1	2	7	-	-	-	4	3.98	110	-	-
Glenrothes (Glenwood)	21-9	10	11.8	5.0	8.4	-0.1	23.7	-3.9	-	-	632	96	19	22 Nov	188	125	20	4	2	9	5	8	40	94	72	8	4.07	100	-	-
Kirkcaldy	21-9	40	11.9	5.7	8.8	-	22.6	-2.6	-	-	673	-	21	4 Sep	206	146	17	2	9	4	7	13	16	83	66	14	-	-	-	-
Leuchars	99	18	11.7	5.6	8.7	-	23.6	(-3.3)	9.1	9.1	611	90	19	22 Nov	182	127	9	3	1	8	5	5	20	-	-	2	3.99	-	-	-
Pitreavie	99	125	11.7	4.0	7.9	-	23.0	-5.6	-	-	770	-	32	8 Aug	221	164	14	4	0	4	1	16	60	-	-	6	-	-	-	-
St Andrews	99	184	11.0	4.5	7.7	-	21.2	-3.8	8.3	8.4	765	-	22	16 Dec	216	159	23	10	3	2	2	11	49	120	-	4	3.33	-	-	-
West Lothian	99	134	11.7	5.1	8.4	-0.2	22.3	-3.0	-	-	528	93	21	4 Sep	206	142	19	5	1	8	6	20	16	67	-	3	3.44	92	-	-
Bush House	99	61	12.1	5.3	8.7	-	22.6	-3.4	9.0	-	601	-	26	16 Jun	193	143	13	1	10	1	5	12	24	137	-	3	3.87	-	-	-
Edinburgh	99	26	12.3	5.6	8.9	+0.2	22.4	-3.0	9.2	-	555	84	21	16 Dec	189	131	11	1	0	1	2	11	22	133	-	3	3.72	102	-	-
Blackford Hill	21-9	35	12.2	5.5	8.9	+0.4	23.0	-4.1	-	-	622	-	28	8 Aug	202	146	20	1	5	11	6	10	27	121	76	11	3.55	100	-	-
East Craigs	99	189	11.3	4.2	7.7	0.0	22.6	-4.6	8.5	-	809	-	24	16 Dec	227	170	21	11	1	5	3	12	53	123	-	12	-	-	-	-
Royal Botanic Garden	99	152	11.3	4.6	7.9	-	21.7	-3.0	-	-	695	-	19	4 Sep	195	153	12	9	0	0	0	20	33	115	-	1	3.71	-	-	-
Turnhouse Airport	99	23	11.8	5.9	8.9	+0.2	22.0	-2.7	-	-	502	-	33	21 Nov	182	110	7	1	0	3	3	9	14	56	-	4	3.97	96	-	-
Penicuik	99	49	12.3	4.9	8.6	-	22.7	-4.4	-	-	564	-	21	6 Oct	177	121	12	1	1	7	6	8	37	75	-	5	3.62	-	-	-
Roslin	99	195	10.9	4.5	7.7	-	21.8	-4.6	-	-	789	-	36	28 Apr	206	145	21	2	1	9	6	10								

Table 3 (continued)

District Region/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 1941-70 average	highest max. lowest min.		30 cm (°C)	100cm(°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precipitation		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 1941-70 average	exposure		
			max. (a)	min. (b)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more															
6 SCOTLAND W—continued																															
Argyll																															
Achaglachgach	99	12	12.2	5.2	8.7	-	25.3	-7.5	-	-	1834	-	27	31 Jan, 21 Sep	246	218	-	-	-	-	-	-	-	-	-	32	125	-	-	-	-
Aros	99	37	12.4	5.1	8.7	-	26.0	-4.0	-	-	2136	-	39	26 Jan	274	248	8	2	0	20	4	3	29	137	-	4	-	-	-	-	
Benmore (Younger Botanic Garden)	99	12	11.9	5.2	8.5	-	25.5	-4.3	-	-	2469	-	73	17 Jan	267	232	20	6	7	17	2	9	28	133	-	11	-	-	-	-	
Dunstaffnage	99	3	-	6.0	-	-	-	-3.8	-	-	1687	-	42	17 Jan	259	221	12	0	3	19	3	2	9	106	-	13	-	-	-	-	
Glenbranter	99	24	12.3	4.3	8.3	-	25.8	-5.2	-	-	2420	-	63	17 Jan	265	234	24	4	6	10	4	7	59	142	-	12	-	-	-	-	
Knapdale Forest	99	40	11.9	5.1	8.5	-	25.4	-3.5	-	-	1783	-	32	13 Nov	262	229	5	0	2	2	3	1	32	-	4	-	-	-	-	-	
Machrihanish	21-9	10	11.9	6.6	9.3	-	22.5	-3.1	-	-	1178	-	21	17 May, 14 Sep	231	193	13	1	4	29	2	2	8	85	37	39	3.96	-	-	-	
Polloch	99	10	-	-	-	-	-	-3.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rhuvaal	21-9	20	11.6	6.7	9.1	-	20.7	0.0	-	-	1530	-	31	28 Feb	253	209	4	0	0	10	2	3	0	22	9	44	-	-	-	-	
Tiree	21-9	9	11.3	6.8	9.1	0.0	21.9	-1.5	-	-	1223	108	29	10 Sep	260	195	13	0	2	58	8	1	4	51	38	45	3.83	99	-	-	
Bute																															
Brodick Castle	99	15	12.6	5.8	9.2	-	(25.6)	-2.7	10.2	-	1977	-	41	29 Jan	258	222	3	1	10	6	5	0	11	110	-	22	-	-	-	-	
Rothsay	99	43	12.1	6.2	9.1	-	25.5	-0.5	8.8	8.9	1471	-	27	17 Jan	249	215	10	2	3	3	1	1	4	79	-	1	-	-	-	-	
Dunbarton																															
Arrochmore	99	37	12.1	5.2	8.7	-	25.3	-3.3	-	-	1589	-	57	17 Jan	249	203	-	3	-	-	-	6	27	133	-	-	3.56	-	-	-	-
Cumbernauld	99	94	11.6	-	-	-	23.5	-5.7	-	-	1101	-	43	17 Jan	228	194	13	6	0	0	0	18	-	-	-	2	-	-	-	-	-
Finnart	99	15	-	-	-	-	25.5	-	-	-	2084	-	93	17 Jan	239	217	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Helensburgh	99	89	11.3	5.0	8.1	-0.2	(25.1)	-4.0	-	-	1560	-	45	17 Jan	247	218	20	8	7	9	3	9	24	-	-	-	3.51	-	-	-	-
Sloy	21-9	12	12.1	5.7	8.9	-	25.0	-3.6	-	-	3017	-	138	17 Jan	257	227	25	-	1	8	1	1	22	-	-	2	-	-	-	-	-
Stirling																															
Earls Hill	21-9	335	9.7	3.5	6.6	-	22.5	-5.0	-	-	-	-	-	-	-	-	46	-	1	7	9	48	51	119	94	62	3.70	-	-	-	
Falkirk (Sewage Works)	99	3	12.4	5.4	8.9	-	23.0	-4.3	-	-	758	-	22	29 Jan	194	156	-	-	-	-	-	-	25	-	-	-	-	3.75	-	-	-
Grangemouth	99	2	12.7	5.9	9.3	-	23.0	-3.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	
B.P. Refinery	99	107	-	-	-	-	24.8	-3.9	9.1	-	863	-	29	29 Jan	198	159	-	5	-	-	-	-	12	-	-	-	-	-	-	-	-
Parkhead	99	38	12.7	4.7	8.7	-	24.9	-4.9	9.3	9.3	992	-	37	29 Jan	211	147	15	10	2	4	2	5	43	-	-	1	3.69	-	-	-	-
Renfrew																															
Abbotsinch Airport	21-9	5	12.4	5.5	8.9	0.0	25.8	-4.1	-	-	925	-	35	29 Jan	225	175	34	2	16	3	6	8	37	101	73	14	3.73	108	-	-	-
Barrhead	99	30	12.3	5.3	8.8	-	25.5	-4.0	-	-	1135	101	70	17 Jan	220	179	17	2	0	11	4	4	29	104	-	16	-	-	-	-	-
Greenock	99	61	-	6.1	-	-	24.6	-2.9	-	-	1603	106	55	17 Jan	237	202	10	5	0	5	1	5	9	28	-	3	3.55	106	-	-	-
Paisley	99	32	12.6	6.2	9.4	+0.2	26.0	-2.3	9.3	9.7	1054	96	37	29 Jan	226	181	10	1	2	4	1	4	11	58	-	10	3.58	107	-	-	-
Lanark																															
Camps Reservoir	99	295	10.2	3.1	6.7	-	23.5	-7.0	-	-	1284	-	39	4 Jan	246	193	50	19	0	4	5	19	90	-	32	3.33	-	-	-	-	-
Carnwath	99	208	11.1	2.9	7.0	-	24.2	-8.1	8.1	-	838	-	21	9 Dec	230	172	40	13	16	4	5	6	90	184	118	35	-	-	-	-	-
Coatbridge	99	78	11.5	-	-	-	24.0	-	-	-	867	-	40	17 Jan	214	176	16	6	0	8	4	6	-	-	-	1	-	-	-	-	-
Crawfordjohn	99	274	10.5	3.1	6.8	-	24.0	-8.5	8.0	-	-	-	-	-	-	-	13	-	-	-	-	10	85	133	108	-	3.41	-	-	-	
East Kilbride	99	178	11.2	4.7	7.9	-	24.0	-4.8	-	-	1148	-	55	17 Jan	230	182	16	11	0	8	2	-	39	-	-	7	4.18	-	-	-	-
Glasgow (Springburn)	99	107	11.7	5.1	8.4	0.0	25.0	-5.0	-	-	975	93	26	17 Jan	244	189	20	4	6	6	2	12	23	132	-	8	3.64	112	-	-	-
Lanark	99	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leadhills	99	388	9.7	2.8	6.3	-	23.2	-7.3	-	-	1937	-	69	29 Jan	260	211	58	31	6	11	4	20	88	156	-	28	-	-	-	-	-
Salsburgh	99	275	-	-	-	-	22.9	-4.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ayr																															
Auchincruive	99	45	12.2	5.6	8.9	+0.1	26.9	-3.1	9.2	9.3	929	101	36	17 Jan	228	178	10	2	2	8	4	0	17	95	-	5	3.99	109	-	-	-
Cumnock	99	99	12.0	4.2	8.1	-	26.4	-5.8	-	-	1184	-	33	17 Jan	234	186	14	3	1	3	4	1	50	117	-	11	-	-	-	-	-
Girvan	99	8	12.4	6.7	9.5	-	24.5	-1.9	-	-	1026	-	42	29 Jan	222	169	4	0	0	5	1	1	4	30	-	37	3.91	-	-	-	-
Largs	99	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Prestwick	21-9	16	12.3	5.6	8.9	-	26.7	-4.9	-	-	884	-	31	17 Jan	230	172	10	0	1	6	4	0	29	80	67	9	4.11	-	-	-	-
Dumfries																															
Dumfries	99	49	12.2	5.3	8.7	+0.2	25.7	-5.8	9.4	9.4	1090	-	27	10 Jan	218	170	9	-	0	4	5	4	27	129	-	5	4.02	113	-	-	-
Eskdalemuir	21-9	242	-	-	-	-	23.4	-6.3	8.7	8.8	1548	103	35	10 Nov	237	192	57	16	13	23	13	6	74	129	105	22	3.15	95	-	-	-
Psychrometer Screen			10.4	3.6	7.0	-	23.4	-6.3	8.7	8.8	1548	103	35	10 Nov	237	192	57	16	13	23	13	6	74	129	105	22	3.15	95	-	-	-
			10.9	3.8	7.3	+0.1	24.4	-6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-	-	-	-
Kirkcudbright																															
Bargrennan	99	110	12.0	4.0	8.0	-	25.8	-5.4	-	-	1599	-	50	29 Jan	243	193	12	8	5	3	3	5	68	184	-	0	-	-	-	-	-
Clatteringshaws	99	178	11.1	4.2	7.7	-	24.3	-4.7	-	-	2175	-	73	29 Jan	234	204	32	8	5	11	7	4	51	-	-	37	3.38	-	-	-	-
Dundeugh	99	119	11.9	3.5	7.7	-	25.4	-6.9	8.5	-	1619	-	54	29 Jan</																	

Table 3 (continued)

District Region/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 1941-70 average	highest max. lowest min.		30 cm (°C)	100cm(°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precipitation		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 1941-70 average	exposure		
			max. (a)	min. (b)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more															
2 ENGLAND E & NE—continued																															
Durham																															
Durham	99	102	12.0	5.0	8.5	0.0	23.0	-3.6	8.7	9.2	588	90	23	2 Jul	180	130	-	4	-	-	-	-	-	23	32	127	-	-	3.40	93	-
Cleveland																															
Hartburn Grange	99	31	12.3	4.7	8.5	-	23.8	-3.3	-	-	515	-	22	2 Jul	174	120	12	1	4	6	6	17	35	100	-	-	13	3.24	-	-	
Hartlepool	99	9	12.3	6.4	9.3	0.1	22.3	-3.4	-	-	544	-	21	2 Jul	151	119	5	2	4	1	5	8	9	-	-	-	5	3.45	-	-	
North Yorkshire																															
Askham Bryan	99	34	-	-	-	-	25.2	-	-	-	(629)	(101)	18	2 Sep	181	133	4	3	0	1	3	31	-	-	-	-	-	1	-	-	-
Cawood	99	6	12.8	5.2	9.0	-	23.5	-4.5	9.5	9.7	602	-	20	2 Sep	175	131	5	1	1	0	8	12	26	101	-	-	5	3.55	-	-	
High Mowthorpe	99	175	11.1	(4.8)	(7.9)	-	22.5	-3.7	8.3	-	709	-	17	16 Jan,	181	132	15	8	2	2	4	25	27	103	-	-	2	(3.73)	-	-	
Leeming	21-9	32	12.4	5.8	9.1	-	24.4	-4.0	-	-	649	-	20	23 Sep	183	127	19	4	3	2	8	21	28	77	54	2	3.57	-	-		
Malham Tarn	99	395	-	-	-	-	23.5	-4.8	-	-	(1578)	-	40	24 Nov	232	186	26	24	7	8	5	18	-	-	-	-	-	1	-	-	
Pickering	99	44	12.5	4.4	8.5	-	23.8	-5.0	-	-	660	-	16	28 Oct	188	132	13	6	6	2	8	8	54	118	-	-	0	-	-	-	
Scarborough	99	53	11.9	6.0	8.9	-	23.0	-2.6	9.2	9.4	689	108	24	17 Jun	173	117	10	2	5	3	12	10	10	80	41	38	3.93	103	-	-	
Silpho Moor	99	203	11.3	4.7	8.0	-	22.5	-4.0	7.9	-	891	-	34	23 Sep	213	144	9	8	1	0	5	22	31	116	-	-	0	-	-	-	
Whitby (Coastguard)	21-9	60	11.3	6.1	8.7	-	22.5	-2.7	-	-	499	-	21	23 Sep	172	119	6	0	0	1	6	17	12	26	23	62	-	-	-	-	
York (Heslington)	99	20	12.9	5.4	9.1	-	23.9	-3.2	9.7	9.8	563	-	15	11 Aug,	164	120	7	2	0	0	2	12	23	-	-	-	0	4.02	-	-	
Humberide																															
Bridlington	99	48	11.7	(5.1)	(8.4)	-	23.4	-6.0	-	-	677	-	19	11 Apr	168	133	6	2	1	4	8	20	16	70	-	-	11	4.22	-	-	
Brigg	99	3	13.1	5.3	9.2	-	24.0	-4.5	-	-	608	-	32	7 Oct	171	119	11	4	3	1	13	12	31	113	-	-	5	-	-	-	
Cleethorpes	99	7	-	-	-	-	25.0	-4.0	-	-	509	85	21	6 Oct	132	101	-	-	-	-	4	-	-	-	-	-	-	-	-	-	
Hull	99	2	13.3	6.4	9.9	+0.2	25.0	-2.3	10.2	10.4	651	101	27	7 Oct	172	122	9	1	1	1	1	1	11	77	-	-	1	-	-	-	
Kilnsea	21-9	12	11.5	6.7	9.1	-	24.0	-2.6	-	-	568	-	28	3 Oct	160	116	10	1	1	3	11	15	5	-	-	-	41	4.15	-	-	
Lincolnshire																															
Binbrook	21-9	108	11.7	5.4	8.5	-	23.5	-5.5	-	-	636	-	35	7 Oct	175	116	24	3	0	12	13	17	25	83	58	16	3.87	-	-		
Cranwell	99	62	12.8	5.2	9.0	-0.2	23.7	-6.4	9.9	10.0	626	106	35	7 Oct	179	120	12	2	2	6	12	14	28	79	55	11	4.15	102	-	-	
Lincoln	99	7	13.1	5.1	9.1	-0.1	24.1	-8.9	9.8	9.6	636	-	36	7 Oct	168	119	7	1	1	0	7	5	47	113	-	-	0	3.88	-	-	
Skegness	99	5	-	-	-	-	25.0	-2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Waddington	21-9	68	12.6	5.9	9.3	0.0	23.7	-6.0	-	-	650	-	39	4 Jul	182	122	15	1	5	3	14	18	17	77	43	1	4.09	100	-	-	
3 EAST ANGLIA																															
Norfolk																															
Coltishall	21-9	17	13.1	6.2	9.7	-	26.5	-6.6	-	-	677	-	22	4 Jul	186	132	10	0	9	5	18	9	19	74	33	4	-	-	-	-	
Costessey	99	20	13.9	5.7	9.8	-	26.3	-5.9	-	-	709	-	20	4 Jul,	189	131	9	0	4	4	17	9	21	103	-	-	16	-	-	-	
Cromer	99	54	-	-	-	-	25.0	-2.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
East Dereham	99	53	14.0	5.4	9.7	-	27.0	-6.3	-	-	716	-	23	18 Nov	179	128	7	2	2	2	16	34	23	80	-	-	3	-	-		
Gorleston	21-9	4	11.9	7.3	9.6	-0.2	25.1	-5.3	10.4	10.5	661	109	24	26 Jun,	159	123	1	0	0	3	12	12	4	43	22	5	4.14	95	-	-	
Marham	21-9	23	13.4	5.9	9.7	-	26.2	-5.7	-	-	659	-	23	17 Jun	178	117	13	1	0	5	16	6	26	64	48	3	4.13	-	-		
Morley St Botolph	99	48	13.1	5.5	9.3	-	26.5	-4.9	10.0	-	676	-	15	4 Jul,	174	127	6	0	3	0	6	19	18	94	-	-	9	4.14	-	-	
Santon Downham	99	24	13.9	4.3	9.1	-	26.2	-8.4	9.5	9.5	709	-	22	18 Nov	170	132	-	0	-	-	-	-	71	147	-	-	3.93	-	-		
Scole	99	27	13.7	5.7	9.7	-	26.1	-5.5	10.1	10.4	647	-	22	21 Nov	166	119	9	0	0	5	12	10	23	83	-	-	5	4.05	-	-	
Terrington St Clement	99	3	13.3	5.6	9.5	0.0	26.4	-3.6	9.9	-	592	-	21	11 Aug	160	112	4	1	0	0	5	12	15	82	-	-	0	4.00	99	-	
Cambridgeshire																															
Boxworth	99	44	13.4	5.7	9.5	-	25.3	-5.8	-	-	641	-	50	4 Aug	166	127	5	1	3	2	10	25	22	87	-	-	9	4.18	-	-	
Cambridge																															
Botanic Gardens	99	12	(13.9)	(5.7)	(9.8)	(0.0)	25.4	-5.7	10.3	-	621	112	27	18 Nov	164	122	6	0	2	0	4	3	24	-	-	2	-	-	-		
National Institute of Agricultural Botany	99	26	-	6.0	-	-	25.3	-5.0	-	-	623	-	26	4 Aug	159	117	4	0	0	0	6	12	16	78	-	-	0	4.45	106	-	
March	99	2	(13.9)	(5.6)	(9.7)	-	25.8	-4.1	-	-	611	106	35	4 Aug	168	123	-	-	-	-	-	-	19	-	-	-	-	-	-	-	
Mepal	99	1	(13.7)	-	-	-	25.6	-5.7	10.4	-	578	-	21	4 Aug	164	120	6	1	1	0	6	13	-	108	-	-	1	4.04	-	-	
Monks Wood	99	40	13.4	5.5	9.5	-	25.0	-5.8	10.0	10.2	804	-	26	8 Aug	164	120	3	1	1	1	6	13	26	91	-	-	7	3.98	-	-	
Wittering	99	73	12.9	5.9	9.4	-	24.3	-5.2	-	-	624	-	46	16 Jun	184	115	15	1	5	6	17	18	18	82	51	3	3.96	-	-		
Wyton	21-9	40	13.4	6.4	9.9	-	25.5	-5.1	-	-	579	-	29	4 Aug	158	114	9	1	2	4	16	13	12	69	40	3	-	-	-		
Suffolk																															
Aldeburgh																															
Brooms Barn	99	75	13.3	6.0	9.7	-	25.2	-4.0	9.8	10.0	652	-	21	4 Sep	183	125	10	0	7	2	20	14	14	44	-	-	6	4.12	-	-	
East Bergholt	99	4	-	5.6	-	-	26.5	-4.2	-	-	606	-	41	21 Nov	167	127	5	0	1	1	12	6	25	122	-	-	4	-	-		
Honington	21-9	50	13.4	6.2	9.8	-	25.4	-5.5	-	-	594	-	22	26 Jun	165	112	13	1	9	8	19	10	18	69	43	4	3.97	-	-		
Lowestoft	99	25	12.6	6.5	9.5	-0.2	25.9	-3.7	10.2	10.3	668	111	41	23 Sep	167	126	4	0	12	1	11	8	10	22	-	-	8	4.07	94	S	
Wattisham	21-9	89	13.0	5.9	9.5	-	24.9	-2.8	-	-	627	-	28	21 Nov	169	123	13	0	4	8	16	14	16	73	51	2	(4.00)	-	-		
Bedfordshire																															
Cardington	21-9	29	13.7	5.7																											

Table 3 (continued)

District Region/County and Place	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 1941-70 average	highest max. lowest min.		30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precipitation		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 1941-70 average	exposure	
			max (a)	min (b)			max	min					amount (mm)	date	0.2 mm or more	1.0 mm or more														
			max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min	max	min
5 ENGLAND SE & CENTRAL 5																														
Greater London																														
Bromley	99	65	14.3	6.8	10.5	+0.2	25.0	-2.0	-	-	843	-	29	10 Feb	177	129	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enfield	99	17	14.5	7.5	11.0	-	25.6	-2.5	10.9	10.9	761	-	34	21 Nov	185	132	2	1	0	4	18	0	4	-	-	-	0	-	-	
Greenwich	99	7	-	-	-	-	25.4	-3.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hampstead	99	137	(13.6)	-	-	-	25.4	-1.7	-	-	762	113	35	21 Nov	161	135	2	1	0	0	2	4	-	-	-	1	(3.93)	(96)		
Hampton	99	12	13.9	7.0	10.5	0.0	24.9	-3.5	-	-	757	-	35	21 Nov	170	131	4	1	7	2	17	6	9	81	-	6	4.19	100		
Heathrow Airport	21-9	25	14.3	7.1	10.7	+0.3	25.6	-1.9	-	-	729	-	31	4 Sep	172	129	12	1	3	0	17	4	9	73	33	0	4.07	-		
Kensington Palace	99	25	14.5	7.4	10.9	0.0	25.8	-1.7	11.3	11.2	719	112	32	4 Sep, 21 Nov	183	127	3	1	1	1	10	4	4	87	-	5	-	-		
Kew																														
Psychrometer	21-9	6	-	-	-	-	25.0	-4.8	10.6	10.6	714	119	31	4 Sep	169	128	6	1	1	9	23	1	29	97	52	0	4.39	105		
North Wall Screen	-	-	13.9	6.5	10.2	-	26.1	-2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London Weather Centre	-	-	14.1	7.5	10.8	+0.2	26.1	-2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
St James Park	99	4	(14.4)	-	-	-	25.5	-0.5	-	-	704	115	34	21 Nov	169	125	-	-	-	-	-	-	-	-	-	-	-	4.19	109	
Southgate	99	67	(14.1)	(7.2)	(10.7)	(+0.5)	25.3	-2.6	(10.7)	-	770	118	33	21 Nov	158	129	2	1	0	3	11	2	5	-	-	0	-	-		
Waddon	99	59	14.0	6.6	10.3	+0.1	25.0	-3.5	-	-	898	-	31	10 Feb, 13 Nov	169	130	-	-	-	-	-	-	8	-	-	-	-	-	-	
Wiltshire																														
Boscombe Down	21-9	126	13.2	6.0	9.6	0.0	24.9	-2.1	-	-	936	129	44	13 Nov	195	141	15	2	8	2	13	13	20	110	62	6	4.49	106		
Lacock	99	49	-	-	-	-	25.5	-5.6	-	-	809	-	41	26 Sep	180	136	2	1	0	0	2	10	-	95	-	4	-	-		
Larkhill	99	132	13.3	5.6	9.5	+0.2	25.1	-3.3	-	-	1017	136	49	13 Nov	188	143	7	1	9	2	9	16	26	93	43	8	-	-		
Lyneham	21-9	145	12.6	5.9	9.3	0.0	24.6	-4.5	-	-	774	-	25	26 Jun, 26 Sep	189	136	14	3	12	4	10	17	26	94	67	3	4.07	-		
Porton																														
Upavon	99	110	13.4	5.0	9.2	-0.1	25.0	-3.0	9.8	-	941	124	43	13 Nov	180	128	-	0	-	-	-	11	37	115	75	-	4.33	100		
21-9	179	12.9	5.8	9.3	-	-	25.2	-2.7	-	-	1014	-	43	13 Nov	202	151	8	2	11	10	10	19	25	101	39	6	-	-		
Berkshire																														
Easthampstead																														
99	77	13.6	5.2	9.4	-	-	25.2	5.7	10.1	10.2	830	-	31	4 Sep, 13 Nov	180	129	9	2	6	0	21	9	50	100	61	0	(4.20)	-		
Hurley	99	43	(13.7)	(5.8)	(9.7)	-	24.8	-6.7	(10.3)	-	841	-	39	16 Jun	183	130	6	2	3	2	13	19	28	100	-	5	(3.72)	-		
Reading	99	66	13.6	6.2	9.9	-	25.0	-3.3	(10.3)	(10.4)	797	-	30	17 Nov	181	134	7	2	7	5	23	6	19	128	68	12	4.38	-		
Shinfield	99	61	(13.8)	(6.0)	(9.9)	(0.0)	25.8	-4.2	-	-	749	117	28	4 Sep	172	125	-	1	-	-	-	6	17	101	-	-	-	-		
Surrey																														
Mickleham	99	55	-	(5.1)	-	-	24.3	-5.6	-	-	988	-	38	13 Nov	180	136	8	2	1	1	14	22	53	(118)	-	0	-	-		
Wisley	99	35	14.1	6.0	10.1	+0.1	25.4	-5.2	10.6	10.8	814	-	34	4 Sep	176	137	7	2	5	3	13	32	23	92	-	20	4.15	102		
Kent																														
Dover																														
Dungeness	99	3	13.1	7.9	10.5	-	25.1	-2.7	-	-	854	-	29	21 Nov	178	128	1	0	5	3	23	10	6	-	-	24	-	-		
East Malling	99	37	13.8	6.3	10.1	+0.4	24.1	-3.5	10.3	10.4	783	-	28	10 Feb	173	120	5	1	2	2	19	8	16	77	-	10	4.17	97		
Elmstone	99	5	13.9	5.9	9.9	-	25.9	-4.4	-	-	734	-	32	10 Feb	169	129	6	1	1	3	12	5	29	56	-	5	-	-		
Faversham	99	48	13.6	6.4	10.0	-	25.4	-3.3	(10.5)	10.8	790	-	25	10 Feb, 13 Nov	166	129	5	1	2	1	15	12	8	(82)	-	0	(4.17)	-		
Folkestone																														
Gillingham	99	31	13.1	6.7	9.9	-	24.8	-3.8	-	-	911	127	30	21 Nov	173	134	6	0	1	1	17	2	17	-	-	47	4.74	99		
Goudhurst	99	85	13.3	5.9	9.6	+0.3	24.1	-4.2	-	-	1040	124	49	10 Feb	190	141	3	0	4	3	10	3	23	107	-	3	-	-		
Hadlow College	99	30	13.9	5.8	9.9	-	24.1	-4.3	10.7	10.9	792	-	34	10 Feb	159	128	5	1	0	1	13	6	33	95	-	3	3.87	-		
Herne Bay	99	31	13.3	6.7	10.0	-	24.0	-2.0	11.2	-	730	-	31	4 Aug	162	128	0	0	0	3	6	6	60	-	0	4.42	100			
Manstone	21-9	44	13.4	7.1	10.3	-	24.8	-2.9	-	-	613	-	21	7 Oct	162	125	12	1	8	4	20	7	10	52	26	12	4.61	-		
Margate	99	16	13.2	-	-	-	25.0	-	10.9	11.0	-	-	-	-	-	-	3	0	0	0	8	1	-	15	-	18	-	-		
Throwley	99	150	-	-	-	-	23.1	-2.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Ulcombe	21-9	47	13.6	6.0	9.8	-	24.1	-3.3	-	-	769	-	28	10 Feb	171	122	7	0	5	0	21	6	26	105	60	0	4.43	-		
Wye	99	56	13.3	6.2	9.7	0.0	23.8	-3.2	10.5	10.6	907	123	27	10 Feb	164	133	6	1	2	2	19	20	18	115	-	2	4.30	97		
Hampshire																														
Alice Holt Lodge	99	115	13.3	5.6	9.5	+0.1	24.5	-4.1	-	-	1057	-	43	13 Nov	192	147	3	1	3	3	17	11	29	98	-	3	4.20	-		
Everton	99	16	13.6	6.9	10.3	-	25.3	-2.9	-	-	1004	-	48	4 Sep	173	126	4	0	3	3	12	4	11	70	-	20	4.62	-		
Hayling Island	99	4	13.8	8.0	10.9	-	25.1	-0.2	-	-	843	-	37	4 Sep	168	120	2	0	2	0	15	0	3	-	-	11	-	-		
Leckford	99	117	-	-	-	-	25.0	-2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Long Sutton	99	145	13.2	5.9	9.5	-	24.2	-3.1	10.7	-	1060	-	37	4 Sep	175	138	6	2	6	1	11	23	23	83	49	11	4.05	98		
Martyr Worthy	99	84	13.6	(5.5)	(9.5)	-	25.4	-2.7	-	-	1042	-	44	4 Sep	179	134	5	0	3	1	10	14	32	98	-	0	4.27	-		
Southampton (Mayflower Park)	99	3	14.5	7.4	10.9	+0.2	28.0	-1.1	11.7	12.4	988	-	43	4 Sep	169	129	3	0	5	8	14	2	4	68	23	0	4.58	103		
South Farnborough	99	69	13.8	6.1	9.9	0.0	25.5	-5.1	-	-	885	132	38	21 Nov	176	132	11	0	9	0	19	9	25	105	57	2	4.22	102		
Southsea	99	2	14.0	8.2	11.1	+0.2	25.6	0.2	11.8	11.9	883	126	37	4 Sep	172	123	0	0	1	3	7	2	0	60	-	6	4.79	100		
Ile of Wight																														
Ryde	99	4	13.7	7.4	10.5	-0.4	23.9	-0.8	-	-	964	123	48	4																

Table 3 (continued)

District Region/County and Place	max. min. terminal h (GMT) of observation	air temperature in °C						mean earth temperature		rainfall (terminal h 09 GMT)				weather (number of days)										bright sunshine							
		means of		daily mean (mean of a + b)	difference from 1941-70 average	highest max. lowest min.		30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precipitation 0.2 mm or more	1.0 mm 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 1941-70 average	exposure			
		max (a)	min (b)			max	min					amount (mm)	date																		
7a ENGLAND NW & I.O.M.																															
Cumbria																															
Carlisle	21-9	26	12.4	5.8	9.1	-	26.4	-4.4	-	-	838	-	31	5 Sep	209	159	17	1	11	1	7	6	22	108	49	2	3.86	-	-		
Cartmel	99	34	12.5	5.1	8.8	-	24.7	-4.9	-	-	1199	-	26	24 Sep	210	174	1	0	0	0	4	8	36	-	-	1	-	-	-		
Grizedale	99	91	-	-	-	-	24.8	-6.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Heversham	99	30	(12.9)	5.5	(9.2)	-	25.5	-5.4	-	-	1191	-	41	23 Sep	220	170	12	1	14	7	12	2	29	-	-	17	-	-	-		
Moor House	99	556	8.1	2.0	5.1	-	20.4	-7.0	-	-	2230	-	69	24 Nov	254	213	84	44	23	14	6	42	116	194	49	3.05	-	-	-		
Newton Rigg	99	171	11.9	4.7	8.3	+0.1	25.2	-5.8	9.1	-	1114	-	32	24 Nov	211	162	9	5	3	1	3	4	43	141	4	3.61	101	S	-		
Sellafield	99	13	-	-	-	-	24.0	-	-	-	(1029)	-	31	24 Sep	208	168	0	0	-	-	-	24	-	-	-	-	(4.11)	-	-		
Lancashire																															
Bailrigg	99	53	(12.3)	(6.1)	(9.2)	-	24.8	-3.6	-	-	(1120)	-	36	1 May	203	161	-	0	-	-	-	2	16	105	-	-	-	-	-	-	
Helmshore	99	260	10.9	5.1	8.0	-	22.9	-2.9	-	-	1561	-	38	7 Sep	225	193	20	6	6	0	4	24	28	105	-	7	-	-	-	S	
Kirkham	99	24	12.6	5.8	9.2	-	25.2	-4.2	-	-	959	-	25	19 Oct	200	155	3	0	2	9	7	10	24	-	-	1	3.97	-	-	-	
Morecambe	99	7	12.9	7.1	10.0	+0.5	26.2	-2.4	-	-	1032	105	27	2 Jul	214	167	4	0	13	1	1	2	6	-	-	2	3.91	100	-	-	
Nelson	99	165	11.6	-	-	-	22.6	-5.0	8.9	9.1	1250	-	33	7 Sep	221	179	3	4	-	-	-	13	-	-	-	-	(3.15)	(101)	S	-	
Preston	99	33	12.7	(6.2)	(9.5)	-	25.1	-4.0	-	-	999	99	21	18 Oct	204	159	1	0	3	5	8	16	18	94	-	11	-	-	-	-	
Slaidburn	99	192	(11.3)	(4.8)	(8.1)	-	23.0	-5.9	-	-	1619	106	53	7 Sep	233	180	30	5	1	3	0	2	39	108	-	0	3.46	-	-	-	
Squires Gate Airport	21-9	10	12.7	6.6	9.7	+0.2	26.8	-3.2	-	-	871	-	24	30 Jul	204	148	7	0	4	9	13	6	20	73	46	9	4.04	95	-	-	
Stonyhurst	99	115	(12.2)	(5.5)	(8.9)	(0.0)	25.5	-3.5	-	-	(1264)	(104)	32	7 Sep	(212)	(176)	-	4	-	-	-	8	(20)	-	-	-	(3.56)	(101)	-	-	
Merseyside																															
Aigburth	99	12	13.0	7.1	10.1	-	25.6	-1.8	-	-	788	-	33	20 Nov	196	145	5	0	11	0	9	6	4	-	-	9	-	-	-	-	
Southport	99	5	12.7	6.2	9.5	0.0	26.0	-2.5	9.7	10.0	829	-	25	30 Jul	182	145	-	-	-	-	-	19	66	-	-	-	3.98	96	-	-	
Speke Airport	21-9	22	13.2	6.6	9.9	-0.1	25.4	-2.1	-	-	828	-	23	20 Nov	203	146	21	0	22	3	15	7	11	65	49	9	3.94	106	-	-	
West Kirby Park	99	8	13.4	(7.0)	(10.2)	(+0.3)	25.6	-1.9	-	-	738	-	25	20 Nov	215	139	1	0	7	0	3	-	6	42	-	0	(3.82)	(95)	-	-	
Greater Manchester																															
Bolton	99	107	12.3	5.5	8.9	-	24.9	-4.0	9.1	9.2	1116	-	45	24 Sep	205	170	3	2	5	2	3	22	25	(77)	-	11	3.33	97	-	-	
Manchester	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ringway Airport	21-9	75	12.7	6.7	9.7	+0.3	25.3	-3.6	-	-	831	-	25	1 May	197	149	17	1	6	4	10	8	9	41	30	1	3.73	102	-	-	
Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.45	-	-	-	
Cheshire																															
Knutsford	99	65	(13.2)	(5.6)	(9.4)	-	25.2	-3.8	(9.5)	(9.8)	900	-	25	4 Jul	190	162	2	1	0	0	6	4	23	89	-	11	-	-	-	-	
Macclesfield	99	152	12.3	5.8	9.1	+0.2	23.9	-2.5	-	-	954	-	24	2 Sep	225	162	13	5	11	0	13	4	14	-	-	0	-	-	-	-	
Ness Gardens	99	55	13.1	6.0	9.5	-	25.7	-3.5	10.0	-	722	-	34	20 Nov	194	144	4	0	4	6	6	10	15	101	-	21	(3.45)	-	-	-	
Winnington	99	20	13.7	6.4	10.1	0.0	25.5	-3.0	-	-	824	-	22	8 Aug	198	152	10	0	6	9	17	9	11	59	-	20	-	-	-	-	
Isle of Man																															
Douglas	99	87	11.7	7.0	9.3	0.0	23.8	-0.6	-	-	1133	100	34	12 Sep	194	152	4	0	14	1	4	5	2	47	-	54	(4.50)	(104)	-	-	
Point of Ayre	21-9	9	12.4	7.3	9.9	0.0	22.4	-2.4	-	-	977	117	41	30 Jan	199	148	4	0	5	0	5	4	4	-	-	47	(4.53)	(105)	-	-	
Ronaldsway Airport	21-9	16	12.2	7.0	9.6	+0.1	24.4	-2.2	-	-	836	-	27	12 Sep	192	146	11	0	2	20	9	3	11	53	20	18	4.37	103	-	-	
7b WALES N																															
Gwynedd																															
Bala	99	163	12.1	4.9	8.5	-	24.4	-6.4	9.6	(9.8)	1541	-	45	7 Sep	235	185	15	2	4	6	8	10	47	(109)	-	1	3.32	-	-	-	
Bardsey Island	21-9	16	12.1	6.6	10.3	-	24.6	1.2	-	-	886	-	31	13 Nov	193	151	1	0	1	0	2	6	0	9	3	82	-	-	-	-	
Botwnnog	99	34	12.8	7.1	9.9	-	25.8	-1.0	10.9	11.0	1098	-	32	13 Nov	204	161	4	0	6	0	6	3	3	-	-	26	4.09	-	-	-	
Pan-y-Ffridd	99	84	12.8	6.5	9.7	-	27.2	-0.9	-	-	1248	-	31	4 Jan	221	183	2	0	4	18	5	0	2	109	-	21	3.65	-	-	-	
Trawsfynydd	99	193	(12.0)	(5.3)	(8.7)	-	25.0	(-5.0)	-	-	2022	-	46	30 Jul	239	215	2	-	3	0	0	10	(15)	(68)	(49)	1	-	-	-	-	
Valley	21-9	10	12.8	7.8	10.3	+0.2	27.4	-0.4	-	-	869	-	28	12 Sep	202	157	2	0	0	29	7	2	2	43	19	38	4.50	102	-	-	
Clwyd																															
Aiwen	99	335	10.5	3.5	7.0	-	23.0	-6.2	-	-	1529	122	33	7 Sep	240	196	-	-	-	-	-	77	164	-	-	-	-	-	-	-	
Bwlchgwyn	99	386	-	-	-	-	-	-5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colwyn Bay	99	24	(13.0)	(7.3)	(10.1)	-	25.4	-0.5	-	-	-	-	51	16 Jun	205	149	2	0	5	1	4	0	1	-	-	0	-	-	-	-	-
Corwen	99	144	12.5	4.4	8.5	-	25.4	-6.5	-	-	1024	-	44	7 Sep	230	180	16	6	8	0	5	7	51	114	-	1	-	-	-	-	
Hawarden Bridge	99	5	-	-	-	-	-	(-3.3)	-	-	(790)	(112)	28	20 Nov	(152)	(10)	0	8	0	5	7	-	-	-	-	12	-	-	-	-	
Loggerheads	99	210	11.6	4.6	8.1	-	23.6	-4.1	8.8	9.1	970	-	44	20 Nov	219	167	21	8	6	5	5	15	45	91	-	0	3.63	-	S	-	
Prestatyn	99	1	-	-	-	-	26.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rhyl	99	9	-	-	-	-	25.8	-1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Ruthin	99	76	-	(5.4)	-	-	-	-3.7	-	-	853	-	35	20 Nov	210	149	0	0	1	0	1	5	21	-	-	1	-	-	-	-	-
Powys (North)																															
Ceinws	99	61	(13.2)	4.9	(9.1)	-	26.5	-6.0	-	-	2410	-	68	7 Sep	224	214	0	-	0	0	0	3	43	131	-	0	-	-	-	-	
Lake Vyrnwy	99	303	10.6	4.5	7.7	-0.4	22.4	-5.5	8.1	-</																					

Table 3 (continued)

District Region/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 1941-70 average	highest max. lowest min.	30 cm (°C)	100cm (°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precip- itation		snow or sleet	snow lying at 9h	hail	ice pellets, etc.	thunder heard	fog at 9h	air frost	grass min. below 0°C	concrete min. below 0°C	gale	daily mean (hours)	percentage of 1941-70 average	exposure
				max. (a)	min. (b)								amount (mm)	date	0.2 mm or more	1.0 mm or more													
Ba WALES S—continued																													
West Glamorgan																													
Mumbles Head	21-9	36	-	7.9	-	23.9	-0.6	-	-	-	-	1510	116	43	2 Jul	228	186	6	0	10	2	10	3	2	19	2	49	-	-
Neath	99	62	13.3	7.3	10.3	-	25.3	-1.8	-	-	-	-	-	-	-	-	1	0	2	2	3	2	8	44	2	-	-	-	
Penmaen	99	85	12.8	7.0	9.9	-	24.0	-1.5	10.8	11.1	1377	-	41	2 Jul	219	187	6	0	10	9	10	8	4	72	44	21	4.24	-	
Port Talbot	99	7	13.9	7.4	10.7	-	26.3	-3.5	-	-	1245	-	35	2 Jul	215	175	2	0	14	0	7	2	11	45	-	4	3.91	-	
Swansea	99	8	-	-	-	-	26.5	0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Mid Glamorgan																													
Llwynon	99	242	11.6	4.8	8.2	-	23.5	-4.5	-	-	2090	124	58	4 Jan	235	199	19	0	7	0	4	60	43	-	-	2	3.35	-	
Porthcawl	99	6	13.3	-	-	-	25.5	-	-	-	1129	-	39	2 Jul	210	173	-	-	-	-	-	-	-	-	-	-	-	4.21	-
South Glamorgan																													
Cardiff	99	62	-	-	-	-	25.3	-1.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rhose Airport	21-9	67	12.9	6.8	9.9	-	26.7	-2.4	-	-	979	-	44	26 Sep	216	159	12	1	16	6	9	3	11	83	52	3	4.33	-	
Gwent																													
Crumbland	99	245	11.9	5.5	8.7	-	23.3	-2.5	9.3	9.5	1091	-	42	14 Feb	199	144	6	7	0	1	7	29	17	89	-	14	4.06	-	
Newport	99	23	13.6	(6.0)	(9.8)	-	25.7	-2.2	-	-	1086	-	41	2 Jul	192	154	4	0	6	0	8	8	(14)	-	-	18	-	-	
Usk	99	21	(13.6)	-	-	-	25.0	-6.0	(10.8)	-	1180	-	48	27 Sep	173	142	3	0	0	0	3	32	-	103	-	4	(3.36)	(90)	
ENGLAND SW																													
Avon																													
Bath	99	118	(12.9)	(6.5)	(9.7)	-	24.6	-2.4	(10.7)	-	888	-	43	26 Sep	185	145	7	2	3	0	7	15	10	-	-	5	-	-	
Filton	21-9	59	13.3	6.8	10.1	+0.1	25.8	-4.0	-	-	886	-	29	2 Jul	190	143	9	2	7	7	16	9	13	79	47	4	3.91	99	
Long Ashton	99	51	13.4	6.4	9.9	-0.1	25.9	-2.4	10.4	-	1014	116	36	26 Sep	199	158	4	0	5	3	11	7	15	(92)	-	-	(4.19)	(102)	
Somerset																													
Cannington	99	23	-	-	-	-	26.0	-	-	-	830	113	37	3 Aug	199	150	2	-	3	0	9	8	-	-	-	8	-	-	
Downside Abbey	99	183	12.6	5.9	9.3	-	26.5	-3.0	-	-	1267	-	40	8 Feb	190	160	3	-	0	0	3	10	18	-	-	0	-	-	
Exton	21-9	336	11.4	5.4	8.4	-	23.7	-2.0	-	-	1570	-	42	26 Sep	249	200	29	8	35	1	11	27	26	111	49	0	-	-	
Hawkrigde	99	314	11.3	5.2	8.3	-	22.5	-2.7	-	-	1697	-	55	8 Feb	257	209	13	7	13	7	6	21	26	108	-	0	(3.36)	-	
Nettlecombe	99	96	(13.2)	(6.0)	(9.6)	-	25.0	-3.2	10.9	-	1193	-	31	4 Jan,	209	163	2	0	7	0	7	10	18	-	-	9	-	-	
Rodney Stoke	99	40	(13.3)	(6.3)	(9.8)	-	25.5	-3.2	10.9	10.8	949	-	44	8 Feb	191	158	2	0	0	0	0	7	13	67	-	0	-	-	
Wincanton	99	114	(13.4)	(5.9)	(9.7)	-	25.0	-3.0	-	-	1069	-	30	26 Jun	193	159	7	1	6	0	9	18	20	80	-	16	-	-	
Yeovilton	21-9	18	13.9	6.3	10.1	-	25.8	-5.5	-	-	891	-	31	26 Jun	189	141	5	0	2	2	9	9	27	69	52	28	-	-	
Dorset																													
Bournemouth																													
Hurn Airport	21-9	10	14.1	6.3	10.2	-	25.4	-4.2	-	-	934	-	45	4 Sep	174	135	4	0	4	14	16	4	31	78	48	5	4.59	-	
Meyrick Park	99	40	13.6	6.9	10.3	0.0	25.1	-1.9	10.8	10.9	952	119	45	4 Sep	190	144	3	0	2	4	10	5	13	45	-	36	4.92	103	
Christchurch	99	3	14.0	(6.8)	(10.4)	-	25.5	-4.0	-	-	975	-	47	4 Sep	175	136	1	0	1	5	8	5	16	83	-	12	-	-	
Poole	99	5	14.2	6.3	10.3	-0.1	25.2	-2.6	11.6	11.7	955	-	47	4 Sep	159	139	2	0	5	4	6	2	22	59	-	7	4.71	100	
Portland Bill (Coastguard)	21-9	53	-	8.5	-	-	24.2	-1.2	-	-	935	-	43	4 Sep	167	132	1	0	1	0	8	7	2	15	4	33	4.70	-	
Swanage	99	11	13.4	7.7	10.5	0.0	24.0	-0.6	-	11.9	987	126	51	4 Sep	172	141	2	-	6	2	13	1	3	20	-	14	4.75	97	
Weymouth	99	23	14.0	7.5	10.7	-	24.3	-1.4	-	-	992	-	44	4 Sep	183	147	0	0	2	0	1	0	5	-	-	8	4.81	98	
Winfrith	99	26	14.0	6.1	10.1	-	24.5	-4.0	-	-	1137	-	46	26 Jun	182	147	1	0	2	0	7	2	26	106	-	0	-	-	
Devon																													
Cheldon Barton	21-9	164	12.9	6.0	9.5	-	23.4	-2.6	10.7	-	1131	-	32	26 Sep	234	173	11	0	18	4	6	8	17	101	-	3	3.75	-	
Exeter Airport	21-9	32	13.8	6.9	10.3	0.0	24.9	-2.7	-	-	976	-	45	4 Jan	190	149	6	0	7	6	9	3	16	105	33	5	3.79	89	
Exmouth	99	59	-	-	-	-	23.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hartland Point	21-9	91	12.0	8.4	10.2	-0.1	23.5	0.4	-	-	1002	116	37	26 Sep	209	166	2	0	9	15	3	7	0	3	2	60	4.25	95	
Newton Abbot	99	83	-	-	-	-	24.0	-	-	-	1265	126	47	10 Feb	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Plymouth																													
Mount Batten	21-9	27	13.2	7.9	10.5	-0.2	23.1	-1.9	-	-	1252	126	38	4 Sep	212	165	5	0	1	19	10	2	7	47	28	39	4.46	97	
The Hoe	99	36	13.5	7.9	10.7	-0.2	23.5	-1.3	11.5	11.4	1128	116	38	3 Aug,	203	165	3	0	2	1	0	-	5	55	-	21	4.42	97	
Prawle Point																													
Slapton	99	32	13.9	7.7	10.8	-	23.8	-0.5	-	-	1249	-	44	4 Sep	199	161	3	1	2	8	4	5	1	16	-	6	-	-	
Starcross	99	9	13.9	6.8	10.3	0.0	23.4	-2.2	10.8	-	1054	-	37	3 Aug	195	145	4	0	7	5	8	14	10	84	-	49	4.57	100	
Tavistock	99	139	-	-	-	-	25.2	-2.7	-	10.8	1697	-	38	4 Jan,	245	208	6	-	1	12	8	-	-	-	-	-	10	-	
Teignmouth																													
Torbay (Torquay)	99	8	14.0	7.8	10.9	0.0	24.2	-0.6	-	12.0	1159	129	38	14 Feb,	196	147	2	0	3	0	6	5	3	21	-	20	4.77	99	
Cornwall																													
Bastreet	99	232	12.1	5.3	8.7	-	22.7	-6.0	-	-	2247	-	56	4 Jan	255	221	5	1	15	1	11	24	43	-	9	3.89	-		
Bude	99	15	13.4	7.5	10.5	0.0	24.5	-2.8	-	-	1096	-	29	26 Sep	230	178	1	0	13	0	4	6	11	-	-	35	(4.13)	(93)	
Culdrose	99	81	12.8	7.4	10.1	-	21.9	-2.3	-	-	1285	-	38	4 Sep	237	175	4	0	12	10	7	20	3	37	-	2	(4.21)	-	
Ellbridge	99	69	13.6	6.7	10.1	-	24.1	-3.2	-	-	1395	121	48	3 Aug	231	183	3	0	7	4	10	4	15	93	-	22	3.97	89	
Falmouth	99	51	-	-	-	-	-	-1.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Fowey	99	75	13.2	7.4	10.3	-0.6	22.4	-1.6	-	-	1147	-	36	3 Aug	225	177	2	0	2	18	7	6	5	-	-	25	-	-	
Gwennap Head	21-9	66	12.5	8.8	10.7	-	20.2	1.0	-	-	854	-	28	30 Aug	204	143	1	0	8	0	4								

Table 3 (continued)

District Region/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 1941-70 average	highest max. lowest min.		30 cm (°C)	100cm(°C)	total fall (mm)	percentage of 1941-70 average	most in a day		precipitation 0.2 mm or more 1.0 mm 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 1941-70 average	exposure						
			max. (a)	min. (b)			max.	min.					amount (mm)	date																			
NORTHERN IRELAND																																	
Londonderry																																	
Aghanloo	99	18	-	-	-	24.5	-	-	-	849	-	17	10 Dec	212	183	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Banagher (Caugh Hill)	99	216	11.4	4.5	7.9	22.5	-3.1	-	-	1355	-	30	14 Feb	268	210	20	-	2	0	1	8	28	92	-	28	-	-	-	-	-			
Coleraine University	99	23	12.2	5.0	8.6	24.7	-4.3	9.3	9.3	900	-	19	14 Jul	238	175	16	0	8	2	0	9	31	109	-	5	3.63	98	-	-	-			
Coolkeeragh	99	3	-	-	-	25.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Derryinoyd Forest	99	88	12.2	4.4	8.3	24.0	-3.4	-	-	1324	-	33	14 Feb	253	206	4	-	1	0	-	4	43	-	-	-	-	-	-	-	-	-		
Garvagh Forest	99	88	12.0	4.3	8.1	24.3	-3.9	9.1	8.9	1257	-	27	24 Nov	256	206	13	2	8	0	1	1	51	148	-	-	-	-	-	-	-	-		
Loughmore Forest	99	174	11.6	3.9	7.7	23.7	-5.4	-	-	1161	-	22	6 Sep	272	220	31	10	4	10	2	11	64	132	-	36	-	-	-	-	-	-		
Moneydig	21-9	34	12.4	4.7	8.5	24.6	-5.4	10.1	-	1057	102	23	24 Nov	247	197	19	1	11	9	3	6	47	116	76	10	-	-	-	-	-	-		
Somerset Forest	99	43	12.9	4.9	8.9	24.6	-3.6	-	-	1012	-	20	28 Feb	242	189	1	-	8	0	2	0	23	75	-	-	-	-	-	-	-	-		
Traad Point	99	16	12.5	5.0	8.7	26.2	-2.8	-	-	820	-	19	4 Jul	248	166	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-		
Antrim																																	
Aldergrove Airport	21-9	68	12.2	5.5	8.9	0.0	23.9	-3.9	9.6	9.7	836	-	23	16 Sep	240	162	-	-	-	-	-	25	92	65	-	3.75	107	-	-	-	-		
Altnahinch	99	226	10.8	4.3	7.5	22.5	-3.0	-	-	1389	-	27	6 Jan	265	214	24	8	12	0	4	14	41	112	-	17	3.43	-	-	-	-	-		
Ballylumford	99	24	12.4	6.3	9.3	21.6	-2.0	-	-	996	-	-	-	-	-	-	-	-	-	-	5	65	-	-	-	-	-	-	-	-	-	-	
Ballypatrick Forest	99	152	-	-	-	-	-4.3	-	-	1264	-	30	6 Sep	250	208	-	-	-	-	-	-	-	-	-	24	3.73	-	-	-	-	-		
Greenmount	99	32	12.7	4.1	8.4	23.6	-5.2	9.8	-	859	-	28	9 Aug	210	166	6	-	1	0	1	-	60	93	-	-	-	-	-	-	-	-	-	
Kilroot	99	22	-	-	-	21.6	-2.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Larne	99	43	12.8	5.7	9.3	22.8	-2.2	-	-	1149	-	30	29 Jan	241	182	8	1	4	1	2	0	14	-	-	-	-	-	-	-	-	-	-	
Lisnafillan	99	38	12.3	4.5	8.4	23.0	-5.4	-	-	953	-	28	6 Sep	236	175	3	1	1	0	0	2	54	119	-	-	3.81	-	-	-	-	-	-	
Lowtown	99	271	10.2	4.2	7.2	20.8	-3.5	7.9	-	1468	-	33	6 Sep	266	212	12	6	2	0	0	26	37	150	-	18	3.39	-	-	-	-	-	-	
Malusk (Hyde Park)	99	134	-	-	-	21.5	-2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Parkmore Forest	99	235	10.4	4.0	7.2	20.5	-3.6	8.3	-	1773	-	49	24 Nov	260	223	15	7	5	0	3	14	46	159	-	28	-	-	-	-	-	-	-	
Woodburn North	99	217	10.7	4.4	7.5	20.5	-3.8	-	-	1253	104	31	23 Sep	257	201	7	3	0	0	0	47	32	107	-	-	-	-	-	-	-	-	-	
Belfast																																	
Milltown	99	37	12.8	5.5	9.1	24.3	-3.1	-	-	937	-	28	29 Jan	221	165	11	0	3	6	7	7	22	88	-	26	-	-	-	-	-	-	-	
Newtownabbey	99	32	12.3	6.7	9.5	21.6	-1.2	10.1	-	1019	-	34	29 Jan	215	163	12	0	15	0	3	1	7	94	34	13	3.77	-	-	-	-	-	-	-
Rosebank	99	47	-	-	-	23.3	-1.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rosetta	99	24	12.5	5.7	9.1	23.4	-2.6	-	-	983	-	30	29 Jan	211	162	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-
Stormont Castle	99	56	12.5	5.8	9.1	22.8	-1.6	9.6	9.9	964	-	29	29 Jan	226	158	10	2	2	6	1	21	7	103	-	-	3.76	-	-	-	-	-	-	-
Down																																	
Ballywalter Park	-	11	-	-	-	-	-	-	-	883	-	31	9 Aug	223	152	-	-	-	-	-	-	-	-	-	-	-	3.96	-	-	-	-	-	
Comber Cemetery	99	11	-	-	-	22.5	-3.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Creightons Green	99	119	11.4	-	-	23.0	-2.5	-	-	995	-	31	29 Jan	201	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Downpatrick	99	26	12.8	6.1	9.5	23.2	-2.8	-	-	897	-	31	17 May	210	146	-	-	-	-	-	15	9	74	-	-	-	-	-	-	-	-	-	
Helens Bay	99	43	12.5	6.3	9.4	21.7	-0.8	-	-	937	-	30	29 Jan	211	157	6	0	0	6	4	2	5	96	-	18	3.90	-	-	-	-	-	-	
Hillsborough	99	116	11.9	5.2	8.5	23.0	-2.4	9.2	9.1	907	-	32	29 Jan	234	160	1	0	1	0	0	10	22	-	-	13	3.92	113	-	-	-	-	-	
Kilkeel	21-9	18	12.0	6.5	9.3	22.4	-1.0	-	-	801	-	33	2 Sep	176	134	-	-	-	-	-	3	33	-	-	-	-	4.03	-	-	-	-	-	
Murlough	99	9	12.7	-	-	23.2	-4.6	9.2	9.3	1011	-	46	29 Jan	205	134	2	-	1	6	4	7	-	-	-	28	4.11	-	-	-	-	-	-	
Armagh																																	
Armagh	99	62	12.5	5.4	8.9	-0.4	24.6	-3.1	10.4	845	98	26	9 May	233	168	6	2	8	0	1	9	25	114	-	26	3.39	98	-	-	-	-	-	
Loughgall	99	25	12.5	5.2	8.9	24.3	-3.3	-	-	788	-	19	25 Dec	239	158	5	1	1	3	2	6	31	155	-	7	3.77	-	-	-	-	-	-	
Lurgan	99	55	12.0	5.5	9.1	24.0	-3.3	9.7	10.0	790	-	20	30 Apr	232	151	0	-	0	0	0	-	25	105	-	-	3.39	-	-	-	-	-	-	
Portadown	99	16	12.7	5.6	9.1	25.0	-3.2	10.1	10.3	824	-	21	6 Sep	231	154	0	-	0	0	0	-	23	105	-	-	-	-	-	-	-	-	-	
Tandragee	99	43	-	-	-	25.8	-3.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tyrone																																	
Carrigans	21-9	113	12.1	5.0	8.5	24.8	-4.2	-	-	1182	-	23	4 Jul, 10 Nov	267	212	17	3	15	7	3	13	38	134	53	4	3.46	-	-	-	-	-	-	
Cookstown	99	77	12.2	-	-	25.7	-5.0	9.2	-	948	-	23	6 Sep	248	180	9	-	0	0	0	4	-	129	-	-	3.37	-	-	-	-	-	-	-
Knockmany Forest	99	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lislap Forest	99	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lough Bradan	99	169	11.6	4.1	7.9	23.9	-4.0	-	-	1591	-	30	10 Nov	279	227	-	4	-	-	-	5	38	130	-	-	3.70	-	-	-	-	-	-	-
Pomeroy Forest	99	165	11.4	4.6	8.0	22.5	-2.5	9.5	-	1088	-	-	-	-	-	-	10	10	0	1	10	35	120	-	-	-	-	-	-	-	-	-	
Strabane Convent	99	44	12.9	5.6	9.3	25.6	-3.6	-	-	1031	-	17	4 Jul, 																				

Table 4 Summary of Observations at Fixed Hours

Height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount							visibility						wind speed and direction																	
		at MSL (mb)	difference from 1941-70 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	Relative humidity (%)	oktas							visibility						beaufort force																	
								number of observations							visibility						speed (kt)																	
								0	1,2	3-5	6,7	8	sky obscured	0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9Km	10-19Km	20-39Km	40Km and over	18 or more	6,7	4,5	1-3	calm	N	NE	E	SE	S	SW	W	NW		
0 SCOTLAND N																																						
Shetland, Lerwick																																						
83	3	1008.1	-	6.5	-	-	-	6.0	11	45	52	124	123	10	0	5	3	6	3	16	56	83	145	48	4	46	131	165	19	35	14	20	39	73	55	70	40	
	9	1008.2	+6.0	-	-	-	-	6.2	5	33	50	175	95	7	0	4	2	4	2	20	59	80	133	61	4	41	169	141	10	31	26	14	50	74	63	61	36	
	15	1008.2	-	-	-	-	-	6.2	2	32	59	173	95	4	0	2	1	5	5	13	58	66	142	73	4	54	175	125	7	28	22	22	46	83	48	72	37	
	21	1008.6	-	6.8	-	-	-	6.0	7	43	62	128	116	9	0	6	2	3	5	12	64	68	148	57	6	42	139	159	19	26	25	16	37	81	55	61	45	
Orkney, Kirkwall																																						
26	3	1008.2	-	6.9	0.6	9.3	91	5.7	5	62	57	117	116	8	1	4	2	4	2	11	47	75	168	51	2	38	177	128	20	28	9	22	60	77	60	68	21	
	9	1008.3	+5.8	8.3	1.0	9.6	87	6.2	1	31	51	191	84	7	1	2	2	2	2	9	41	78	151	77	7	46	203	98	11	32	10	34	64	68	48	70	28	
	15	1008.3	-	9.3	1.4	9.7	82	6.0	1	41	58	182	81	2	0	1	4	1	4	1	6	43	71	141	98	2	56	207	95	5	34	11	41	69	59	41	80	25
	21	1008.7	-	7.3	0.7	9.4	90	5.7	5	51	74	123	106	6	1	4	2	1	4	6	44	78	162	63	2	44	161	134	24	20	12	29	60	76	40	80	24	
Caithness, Wick																																						
37	3	1008.5	-	6.6	0.8	8.9	88	5.6	7	64	59	152	74	9	0	7	1	4	12	40	50	134	113	0	16	151	186	12	22	12	13	50	85	62	78	31		
	9	1008.6	+5.6	8.1	1.2	9.2	83	6.3	2	28	45	220	63	7	0	2	5	2	1	7	44	51	116	137	0	17	189	158	1	31	11	18	61	89	41	67	46	
	15	1008.5	-	9.3	1.6	9.4	79	6.2	3	29	47	246	38	2	0	5	1	5	7	42	55	115	135	1	30	194	139	1	26	18	17	85	81	27	48	62		
	21	1009.0	-	7.3	0.9	9.1	87	5.6	3	61	61	173	60	7	0	4	2	2	4	10	41	50	128	124	1	16	138	196	14	24	12	21	60	79	53	65	37	
Sutherland, Cape Wrath																																						
113	3	1007.2	-	7.9	0.7	9.8	90	5.6	2	48	98	86	120	11	0	3	8	0	2	1	6	41	160	144	7	34	106	194	24	11	28	39	35	35	114	53	26	
	9	1007.0	-	8.3	0.7	10.1	90	6.1	1	27	83	131	114	9	0	5	4	0	0	1	8	57	159	131	7	42	103	190	23	19	17	44	46	37	96	54	29	
	15	1007.4	-	9.0	0.8	10.4	89	6.1	2	23	83	142	105	10	0	4	6	2	0	1	7	58	140	147	7	43	116	181	18	12	27	51	31	19	109	69	29	
	21	1007.6	-	8.2	0.7	10.0	90	5.9	0	36	95	107	112	15	0	5	11	0	1	7	49	64	154	135	8	36	111	191	19	17	23	44	35	29	112	66	30	
Ross & Cromarty, Stornoway																																						
5	3	1007.9	-	7.3	0.7	9.4	90	5.4	19	68	51	100	127	0	0	0	0	0	1	2	49	88	178	47	0	35	122	160	48	28	13	23	28	82	73	51	19	
	9	1008.0	+6.0	8.5	1.0	9.7	86	5.9	7	38	73	137	109	1	0	1	0	0	2	10	58	65	145	84	3	30	174	129	29	25	19	28	34	79	54	61	36	
	15	1008.0	-	9.8	1.5	9.9	81	5.8	6	37	80	162	80	0	0	0	0	0	6	42	74	155	88	4	33	191	126	11	23	42	27	27	84	56	66	29		
	21	1008.3	-	7.9	0.9	9.6	88	5.3	11	74	70	107	103	0	0	0	2	0	0	4	50	79	168	62	2	32	128	168	35	20	25	28	15	83	65	60	34	
Inverness-shire, Benbecula																																						
7	3	1008.1	-	7.9	0.8	9.6	89	5.3	22	58	64	121	99	1	0	1	0	4	3	10	41	56	140	110	1	40	157	143	24	35	26	20	45	74	51	63	27	
	9	1008.2	+5.9	9.1	1.2	9.9	85	5.7	9	46	68	159	81	2	0	0	0	1	2	5	39	73	136	109	7	42	178	133	5	26	29	28	46	74	48	73	36	
	15	1008.3	-	10.3	1.6	10.1	80	5.5	8	56	72	148	81	0	0	0	0	1	0	12	43	68	113	128	5	47	207	101	5	34	19	25	25	69	71	78	39	
	21	1008.6	-	8.4	0.9	9.8	87	5.5	14	56	61	141	92	1	0	0	1	1	7	49	62	137	107	3	48	151	144	19	44	23	26	38	75	46	66	28		
1 SCOTLAND E																																						
Morayshire, Kinloss																																						
6	3	1008.8	-	6.8	1.1	8.5	84	5.5	10	65	53	156	78	3	0	2	0	3	2	10	29	55	113	151	0	12	105	226	22	13	15	26	21	67	149	36	16	
	9	1009.1	+5.5	8.7	1.7	9.0	78	6.0	3	41	54	204	60	3	0	0	1	2	1	6	44	44	97	170	1	18	149	188	9	22	12	35	29	57	100	85	16	
	15	1008.8	-	10.8	2.5	9.3	71	6.0	5	23	73	224	39	1	0	0	0	3	4	38	47	119	154	1	25	186	148	5	47	39	28	34	33	75	68	36		
	21	1009.5	-	8.2	1.4	9.0	81	5.6	4	62	57	178	62	2	0	2	0	1	1	6	42	50	99	164	0	12	123	221	9	15	24	48	25	68	113	40	23	
Aberdeenshire, Dyce																																						
59	3	1009.6	-	6.2	0.8	8.6	89	5.7	15	62	44	124	108	12	0	7	4	8	12	16	60	38	89	131	1	18	106	188	52	19	13	17	23	69	48	74	50	
	9	1009.7	+5.1	8.3	1.5	9.0	80	5.9	3	53	46	169	91	3	0	1	1	3	7	19	67	46	83	138	2	21	177	143	22	29	12	26	30	78	52	57	59	
	15	1009.4	-	10.2	2.2	9.3	74	6.1	1	34	61	187	82	0	0	0	2	3	15	61	51	96	137	2	34	200	125	4	35	6	40	44	95	37	84	40		
	21	1010.0	-	7.4	1.1	9.0	85	5.7	8	63	49	135	103	7	0	3	2	3	12	16	80	34	102	113	0	16	141	182	26	28	9	16	32	79	59	81	35	
Fife, Leuchars																																						
12	3	1010.0	-	6.6	0.8	8.8	88	5.4	12	70	62	114	98	9	0	5	2	9	2	15	48	79	139	66	0	19	110	179	57	18	16	31	18	16	110	86	13	
	9	1010.1	+4.8	8.5	1.5	9.1	81	5.8	3	53	56	166	82	5	0	3	1	5	5	16	38	92	106	99	1	19	151	172	22	26	21	49	26	23	106	75	17	
	15	1009.7	-	10.5	2.2	9.4	74	6.1	2	32	68	186	74	3	0	1	2	3	1	11	32	88	132	95	2	25	212	119	7	18	29	28	34	33	87	77	11	
	21	1010.4	-	7.8	1.1	9.1	84	5.5	5	75	56	131	87	11	0	5	2	4	3	14	50	70	122	95	0	15	125	194	31	16	30	46	26	15	102	82	17	
Midlothian, Turnhouse																																						
44	3	1010.4	-	6.9	1.0	8.7	86	5.5	17	67	42	124	107	8	0	7	3	3	2	6	48	92	166	38	0	13	114	186	52	14	34	39	7	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 1941-70 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	0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km and over	speed (kt)			N	NE	E	SE	S	SW	W	NW		
																									34 or more	6-7	4-5										
2 ENGLAND E & NE																																					
Northumberland, Acklington																																					
46	3	1011.2	-	6.5	0.6	9.1	91	5.3	33	64	41	88	127	12	1	8	4	4	7	23	67	39	115	97	1	17	76	228	43	31	12	14	21	51	44	116	33
	9	1011.3	+4.0	8.7	1.3	9.7	84	5.8	1	54	69	134	101	6	1	4	4	6	9	30	68	46	78	119	1	22	124	200	18	41	20	21	28	57	52	94	34
	15	1011.0	-	10.3	1.8	10.0	78	5.9	2	38	73	161	89	2	0	1	3	8	10	27	54	55	101	106	2	26	144	186	7	41	32	39	50	38	57	85	16
	21	1011.7	-	7.7	0.8	9.5	88	5.3	18	73	55	101	108	10	0	7	4	5	7	29	57	50	115	91	1	15	89	225	35	37	12	18	27	47	63	102	24
Northumberland, Seahouses																																					
12	21	1011.0	-	8.5	1.3	9.3	82	5.3	13	70	76	89	105	12	4	5	6	2	6	16	79	48	183	16	6	28	106	204	21	47	15	15	15	88	69	81	14
Tyne & Wear, Tynemouth																																					
40	9	1011.6	+4.0	8.7	1.2	9.7	84	6.1	4	31	74	131	115	10	2	7	0	4	13	33	58	176	71	1	6	38	178	133	10	56	4	28	19	70	37	126	15
	15	1011.3	-	10.1	1.7	10.1	80	6.2	3	18	90	133	111	10	3	8	0	5	6	28	70	143	96	6	6	41	205	106	7	58	13	44	35	55	24	117	12
North Yorkshire, Leeming																																					
33	3	1012.1	-	7.1	0.8	9.1	88	5.7	35	39	55	85	135	16	1	8	7	11	21	28	61	49	93	86	1	11	76	241	36	56	7	5	58	73	38	58	34
	9	1012.2	+3.6	8.8	1.5	9.5	82	6.0	4	46	51	137	116	11	0	5	5	11	19	25	57	67	79	97	1	10	129	213	12	67	16	12	67	43	38	75	35
	15	1011.7	-	11.4	2.6	9.6	71	6.1	2	41	62	155	105	0	0	0	0	3	10	19	63	70	83	117	0	11	189	162	3	56	26	16	40	63	44	92	25
	21	1012.6	-	8.7	1.3	9.6	83	5.6	26	54	44	110	126	5	0	1	5	6	20	23	52	58	94	106	0	10	89	247	19	54	13	9	59	52	44	85	30
North Yorkshire, Whitby C.G.																																					
66	9	1011.7	-	8.7	1.2	9.7	85	6.0	7	35	75	100	133	15	12	2	0	2	5	15	82	118	103	26	10	39	158	142	16	31	16	20	20	88	66	57	51
Humberside, Kilnsea																																					
16	3	1012.4	-	8.0	0.8	9.9	89	5.5	28	49	72	53	151	12	4	6	2	3	3	10	45	287	3	2	9	54	168	102	32	36	20	24	12	74	63	83	21
	9	1012.6	+3.2	8.9	1.1	10.1	86	6.0	2	23	102	124	104	10	6	1	3	0	20	72	255	2	0	6	65	175	87	32	46	18	27	12	73	59	75	23	
	15	1012.2	-	10.6	1.7	10.4	-	5.9	4	14	129	108	105	5	1	3	2	1	2	21	78	252	4	1	9	61	194	67	34	64	18	31	26	51	56	74	11
	21	1012.9	-	9.0	1.0	10.1	86	5.4	21	48	99	70	117	10	4	7	1	1	12	55	282	2	0	4	50	172	105	34	41	14	31	22	66	56	82	19	
Lincolnshire, Waddington																																					
70	3	1012.9	-	7.0	0.7	9.3	90	5.5	45	45	40	89	136	10	0	8	5	11	20	39	84	95	91	12	0	10	95	255	5	40	25	14	27	51	104	68	31
	9	1013.1	+3.2	8.9	1.2	9.9	84	6.2	5	38	46	158	109	9	0	4	7	7	6	34	89	74	133	11	0	12	167	183	3	35	27	25	30	41	86	77	41
	15	1012.5	-	11.6	2.4	10.1	73	5.9	6	36	74	148	101	0	0	0	0	1	6	21	57	64	197	19	0	12	206	145	2	32	34	26	19	43	71	109	29
	21	1013.3	-	8.5	1.1	9.8	86	5.5	28	44	56	122	114	1	0	1	0	7	15	41	70	95	124	12	0	5	126	224	10	18	38	32	24	43	90	81	29
3 EAST ANGLIA																																					
Norfolk, Coltishall																																					
17	3	1013.0	-	7.6	0.8	9.5	89	5.6	29	60	30	104	132	10	0	9	9	11	23	34	82	106	87	4	0	9	100	206	50	31	26	19	12	53	76	75	23
	9	1013.2	-	9.8	1.6	10.0	81	6.3	3	33	45	169	112	3	0	4	1	4	11	33	71	98	114	29	0	13	173	164	15	39	24	24	21	64	66	73	39
	15	1012.8	-	11.9	2.7	9.9	70	6.1	6	37	53	172	97	0	0	1	0	2	1	13	62	90	158	38	0	16	209	131	9	46	39	28	18	52	66	75	32
	21	1013.5	-	8.8	1.1	9.9	85	5.0	17	55	58	121	112	2	0	2	2	8	11	38	78	100	108	18	0	8	117	207	33	38	34	22	22	56	76	58	20
Norfolk, Gorleston																																					
8	9	1013.4	+3.0	9.7	1.3	10.4	84	6.1	25	15	73	77	171	4	1	5	2	3	10	26	118	199	0	1	4	40	166	133	22	50	26	16	20	71	55	75	30
	21	1013.6	-	9.9	1.2	10.6	84	5.0	87	19	52	47	156	4	2	2	0	5	12	88	252	1	1	3	30	134	176	22	46	27	17	15	86	65	63	24	
Norfolk, Marham																																					
24	3	1013.3	-	7.2	0.5	9.8	93	5.5	42	50	40	79	149	5	0	5	3	11	9	31	97	98	97	14	0	13	112	236	4	42	30	29	39	84	60	51	26
	9	1013.4	+3.1	9.5	1.2	10.3	85	6.1	9	38	47	147	121	3	1	2	1	2	10	22	98	73	114	42	0	13	184	167	1	37	31	27	25	71	76	56	41
	15	1012.9	-	12.2	2.5	10.4	73	5.9	6	44	68	144	103	0	0	0	0	1	11	57	70	135	90	1	12	234	118	0	43	37	24	19	55	72	82	33	
	21	1013.7	-	8.8	0.9	10.2	87	5.3	34	62	43	101	124	1	0	1	0	0	7	20	87	94	122	34	0	6	116	240	3	39	36	22	42	70	69	57	27
Cambridgeshire, Wittering																																					
76	3	1013.3	-	7.0	0.8	9.2	88	5.2	39	55	60	83	120	8	0	6	9	6	16	40	86	88	93	16	0	14	105	241	5	55	22	13	15	57	77	90	31
	9	1013.5	+3.1	9.0	1.5	9.6	81	6.1	5	38	62	138	118	4	0	6	3	9	15	30	56	82	106	58	0	11	191	162	1	46	41	17	23	57	73	74	33
	15	1012.8	-	11.8	3.0	9.4	67	5.9	6	37	77	155	90	0	0	2	0	2	2	17	53	72	112	105	1	15	208	137	4	39	40	17	16	43	83	84	39
	21	1013.7	-	8.7	1.3	9.5	83	5.3	28	58	56	110	112	1	0	3	2	6	6	32	63	97	127	29	0	8	125	225	7	42	40	18	16	47	89	78	28
Cambridgeshire, Wyton																																					
43	3	1013.4	-	7.5	0.7	9.6	90	5.5	40	48	44	90	132	11	0	11	3	13	13	46	69	94	109	7	0	12	111	226	16	53	16	13	17	64	90	67	29
	9	1013.6	-	9.4	1.0	10.0	83	6.2	4	38	52	142	123	6	0	5	2	6	11	37	79	86	122	17	0	10	186	163	6	49	32	10	24	66	83		

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 1941-70 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	Relative humidity (%)	oktas					0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km 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)												
									0	1-2	3-5	6-7											8		0	1-3									4-5	6-7	8 or more
5 ENGLAND SE & CENS - continued																																					
West Sussex, Gatwick																																					
60	3	1014.5	-	7.3	0.5	9.8	92	5.6	35	50	37	95	141	7	0	13	7	12	17	55	108	106	47	0	0	11	67	241	46	34	35	25	13	40	80	63	29
	9	1014.7	+2.9	9.9	1.3	10.5	84	6.1	2	46	53	126	134	4	0	3	4	6	14	34	125	73	88	18	0	8	127	222	8	44	35	42	7	45	86	61	39
	15	1014.1	-	12.6	2.8	10.3	70	6.0	7	30	74	163	91	0	0	0	0	2	17	80	100	126	40	0	14	180	169	2	40	28	12	38	96	82	39		
	21	1015.0	-	9.0	1.1	10.2	86	5.3	24	68	52	112	109	0	0	1	0	3	4	28	129	112	84	4	0	3	84	259	19	26	43	20	6	47	102	74	28
West Sussex, Thorney Island																																					
5	3	1014.4	-	8.7	0.9	10.3	88	5.3	47	51	50	64	151	2	0	0	1	4	12	23	77	104	136	8	1	14	110	232	8	52	48	17	9	46	52	97	36
	9	1014.7	+2.8	10.5	1.4	10.8	83	5.8	6	53	59	136	111	0	0	0	0	4	26	75	89	119	51	2	18	158	183	4	40	49	29	16	45	52	99	31	
	15	1014.3	-	12.8	2.6	10.7	71	5.8	3	44	78	163	77	0	0	0	1	0	9	50	82	142	81	2	23	190	148	2	33	35	17	12	77	81	84	24	
	21	1015.1	-	10.1	1.2	10.7	84	5.3	25	66	46	111	116	1	0	1	0	0	4	13	78	109	145	15	0	10	124	223	8	43	37	24	7	42	66	103	35
7a ENGLAND NW & I.O.M.																																					
Cumbria, Carlisle																																					
28	3	1011.2	-	7.1	0.7	9.3	90	5.6	18	57	57	109	122	2	0	1	2	4	0	15	86	122	117	18	0	6	92	230	37	14	31	51	52	31	66	74	9
	9	1011.4	+4.1	8.9	1.3	9.7	83	6.2	8	26	56	186	88	3	0	0	3	1	21	60	96	139	42	1	8	134	201	21	13	28	58	47	42	61	82	13	
	15	1010.9	-	11.4	2.4	9.9	73	6.2	3	27	61	188	85	1	0	1	0	0	1	6	44	102	135	76	0	11	189	153	12	21	27	40	38	20	82	109	16
	21	1011.4	-	8.5	1.1	9.7	85	5.5	8	69	50	136	102	0	0	0	1	3	12	76	116	129	28	0	10	109	207	39	14	25	51	28	36	85	66	21	
Lancashire, Squires Gate																																					
11	3	1012.2	-	8.0	0.9	9.7	87	5.9	17	42	63	113	126	4	2	2	0	4	5	29	79	80	138	26	0	28	165	170	2	23	27	74	59	32	52	69	27
	9	1012.5	+3.5	9.6	1.4	10.1	82	6.1	6	45	46	173	93	2	2	0	2	2	5	30	82	125	24	1	23	196	143	2	20	25	62	66	30	57	72	31	
	19	1012.2	-	11.6	2.2	10.4	75	5.9	6	42	63	171	83	0	0	0	0	0	1	15	63	94	132	60	3	25	213	121	3	14	10	39	40	30	69	103	57
	21	1012.8	-	9.3	1.2	10.1	84	5.6	15	64	56	138	101	1	0	1	0	1	10	21	73	103	139	17	0	27	159	175	4	32	23	61	37	34	72	67	35
Merseyside, Speke																																					
24	3	1012.2	-	8.1	0.8	9.7	88	5.7	13	49	65	144	94	0	0	1	6	6	25	85	97	119	26	0	17	120	213	15	27	32	37	46	77	34	58	39	
	9	1012.4	+3.5	9.6	1.3	10.2	84	5.9	7	40	47	199	71	1	0	1	5	7	46	77	98	84	46	0	16	165	177	7	26	17	35	62	30	52	80	37	
	15	1012.1	-	12.1	2.4	10.5	73	5.9	8	33	67	193	64	0	0	0	0	4	16	71	97	112	65	1	22	194	146	2	17	13	27	40	54	39	100	73	
	21	1012.7	-	9.4	1.2	10.2	85	5.2	16	66	61	149	73	0	0	0	2	5	22	96	105	104	31	0	12	135	202	16	36	19	44	20	54	41	83	52	
Greater Manchester, Ringway																																					
84	3	1012.6	-	7.9	1.1	9.1	84	5.7	18	46	68	116	115	2	0	0	3	0	7	27	113	89	123	3	0	11	76	236	42	16	37	21	29	111	42	45	22
	9	1012.8	+3.3	9.4	1.8	9.3	77	6.1	4	44	47	171	95	4	0	1	2	5	10	32	96	134	84	1	0	9	135	200	21	18	27	25	24	111	46	60	33
	15	1012.3	-	11.9	2.9	9.3	67	6.2	7	20	67	187	84	0	0	0	0	1	23	86	124	121	10	0	17	179	157	12	23	22	28	20	61	57	104	38	
	21	1013.1	-	9.5	1.7	9.5	78	5.6	13	61	55	126	110	0	0	0	1	3	7	31	117	102	104	0	0	10	103	220	32	19	24	40	22	87	52	55	34
Isle of Man, Point of Ayre																																					
9	9	1011.4	+4.0	9.7	1.2	10.4	85	5.6	14	32	99	120	97	3	1	0	1	2	2	0	39	74	142	104	4	61	192	96	12	30	32	26	46	49	56	80	34
	15	1011.3	-	11.3	1.8	10.7	79	5.4	15	34	116	128	72	0	0	0	0	2	0	42	74	153	94	2	60	199	96	8	23	31	24	40	34	67	89	49	
	21	1011.7	-	9.3	1.0	10.3	86	5.0	23	59	102	86	95	0	0	0	1	0	0	29	64	142	129	6	51	166	127	15	18	30	28	26	52	66	82	48	
Isle of Man, Ronaldsway																																					
21	3	1011.4	-	8.5	1.2	9.5	84	5.5	17	63	58	95	129	3	0	0	0	3	2	10	65	77	106	102	2	35	153	163	12	46	30	28	23	58	55	82	31
	9	1011.7	+3.9	9.8	1.6	9.9	80	6.0	3	48	51	165	97	1	0	0	1	2	1	51	101	79	109	*1	39	190	128	7	29	15	55	35	47	64	85	28	
	15	1011.6	-	11.0	2.1	9.9	74	5.7	7	46	69	162	81	0	0	0	2	2	13	54	92	94	108	1	37	184	142	1	28	15	51	26	58	86	63	37	
	21	1012.0	-	9.2	1.4	9.7	81	5.5	13	59	71	110	111	1	0	0	1	0	1	11	61	92	102	97	2	37	144	166	16	57	31	31	24	47	53	77	29
7b WALES N																																					
Gwynedd, Bardsey Island																																					
19	3	1012.6	-	9.8	0.5	11.5	94	5.4	51	23	82	46	158	5	2	2	0	1	0	3	32	240	80	5	36	64	101	143	21	71	19	21	16	50	82	61	24
	9	1012.8	-	10.3	0.6	11.8	92	6.5	7	11	63	120	159	5	2	3	1	0	0	0	30	206	108	15	45	66	107	140	7	48	20	46	28	65	48	76	27
	15	1013.1	-	11.3	0.8	12.3	90	6.3	8	15	72	120	144	6	2	5	1	1	0	0	17	177	133	29	29	68	115	144	9	67	9	34	22	52	70	72	30
	21	1013.2	-	10.3	0.5	11.8	93	5.8	22	28	85	63	166	1	1	1	1	0	0	21	221	107	13	27	65	113	146	14	72	21	20	24	48	77	70	19	
Gwynedd, Valley																																					
11	3	1012.1	-	8.9	1.4	9.5	81	5.3	32	58	60	92	121	2	0	1	2	4	20	81	90	139	27	7	71	135	137	15	29	42	32	21	73	55	64	34	
	9	1012.4	+3.8	10.3	2.0	9.6	75	6.1	8	30	52	176	98	1	0	0	1	2	1	23	57	90	150	41	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 1941-70 average	dry bulb (°C)	depression of wet bulb (°C)	vapour pressure (mb)	Relative humidity (%)		oktas							visibility					beaufort force																	
							mean	number of observations	0	1, 2	3, 5	6, 7	8	sky obscured	0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9km	10-19km	20-39km	40km and over	8 or more	6, 7	4, 5	1-3	calm	N	NE	E	SE	S	SW	W	NW	
									speed (kt)	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW																		
Bb ENGLAND SW - continued																																						
Dorset, Hurn 11	3	1014.4	-	7.9	0.6	10.1	91	5.1	52	54	49	71	137	2	0	0	3	3	7	11	28	104	91	118	0	0	14	70	238	43	57	29	10	9	43	66	72	36
	9	1014.7	-	10.3	1.5	10.5	82	5.8	14	49	53	149	100	0	0	0	1	3	8	37	91	79	133	13	0	11	145	201	8	55	43	22	15	40	64	74	44	
	15	1014.3	-	13.0	2.9	10.4	69	5.9	4	33	85	155	88	0	0	0	0	0	1	10	76	98	160	20	0	22	180	163	0	38	28	19	11	65	93	74	37	
	21	1015.1	-	9.7	1.2	10.5	85	5.2	37	54	71	92	110	1	0	2	0	1	5	14	128	98	115	2	0	9	82	255	19	32	43	16	12	44	68	96	35	
Dorset, Portland Bill C.G. 54	3	1014.4	-	9.8	0.5	11.5	93	4.9	64	57	45	46	149	4	1	5	1	2	8	10	105	167	58	8	9	64	186	101	5	36	44	41	11	32	49	95	52	
	9	1014.8	-	10.6	0.8	11.7	89	5.8	10	42	69	126	113	5	0	2	1	4	13	19	109	104	99	14	9	72	181	97	6	28	38	52	14	32	45	98	52	
	15	1014.6	-	11.9	1.2	12.1	85	5.7	16	32	88	114	111	4	0	1	3	2	16	16	98	89	132	8	9	74	171	108	3	22	13	42	21	36	62	127	39	
Devon, Exeter 38	3	1014.4	-	8.3	0.7	10.3	91	5.5	29	58	48	84	140	6	0	9	4	4	5	18	76	104	114	31	0	9	79	252	25	40	56	20	18	74	38	49	45	
	9	1014.7	+3.1	10.2	1.2	10.8	85	6.0	8	43	46	176	91	1	0	3	0	0	6	19	74	80	118	65	0	15	144	199	7	38	50	11	25	64	38	70	62	
	15	1014.3	-	12.8	2.3	11.2	75	6.2	4	28	62	183	88	0	0	0	0	1	8	44	93	112	107	0	19	204	141	1	21	34	15	27	77	38	92	60		
	21	1015.1	-	9.8	1.0	10.8	87	5.2	13	84	48	115	104	1	0	1	0	1	16	61	89	138	58	1	7	82	262	13	21	38	15	29	79	47	67	56		
Devon, Hartland Point 93	9	1013.8	-	10.2	1.2	10.8	84	6.3	12	11	61	185	92	4	0	3	1	3	6	11	50	139	85	67	20	81	153	102	9	30	51	34	13	34	28	128	38	
Devon, Mount Batten 28	3	1014.5	-	9.5	0.9	10.7	88	5.4	38	42	58	92	132	3	0	3	1	1	2	23	82	140	104	9	7	37	112	169	40	35	28	50	15	32	50	76	39	
	9	1014.9	+3.2	10.8	1.4	10.9	82	6.0	13	32	51	169	91	1	0	1	0	4	32	79	121	100	27	6	38	139	162	20	35	27	46	21	39	66	66	45		
	15	1014.7	-	12.4	2.1	11.0	76	6.2	6	30	52	171	106	0	0	0	0	7	23	56	110	113	56	5	40	196	123	1	32	11	38	14	59	83	76	51		
	21	1015.3	-	10.5	1.2	10.9	84	5.3	25	62	57	108	113	0	0	0	0	2	3	22	81	130	104	23	4	29	117	195	20	42	17	44	10	45	50	93	44	
Devon, Prawle Point 3	-	-	-	-	-	-	-	-	5.0	75	34	48	50	154	4	0	4	2	6	10	9	89	160	83	2	31	86	167	69	12	32	35	49	7	17	26	130	57
	9	-	-	-	-	-	-	-	5.8	12	36	73	109	133	2	1	3	4	3	8	11	89	158	87	1	46	78	139	87	15	21	35	52	11	21	28	127	55
	15	-	-	-	-	-	-	-	5.7	18	33	82	100	131	1	1	5	2	5	10	8	101	141	86	6	37	98	142	79	9	9	13	66	15	15	34	161	43
	21	-	-	-	-	-	-	-	5.0	59	42	60	66	135	3	1	6	0	7	9	5	87	159	90	1	32	85	154	83	11	43	24	46	9	12	37	124	59
Cornwall, Gwennap Head 70	3	1013.9	-	10.1	0.7	11.4	91	5.3	41	53	57	61	140	13	0	4	5	5	2	6	75	104	147	17	24	76	169	87	9	50	38	34	15	22	107	57	33	
	9	1014.3	-	10.7	0.7	11.8	88	5.8	13	39	75	113	110	15	1	7	2	7	4	10	97	115	95	27	20	79	162	94	10	50	23	41	15	26	89	59	52	
	21	1014.8	-	10.5	0.8	11.5	89	5.2	29	66	61	67	130	12	0	5	1	7	6	7	78	123	118	20	14	73	185	81	12	50	33	33	9	20	102	67	39	
Cornwall, St Mawgan 107	3	1014.4	-	9.3	0.7	10.9	90	5.7	28	35	68	88	143	3	0	1	6	5	5	24	89	90	119	26	5	43	148	149	20	27	18	45	22	68	56	64	45	
	9	1014.8	+3.3	10.4	1.1	11.1	86	6.2	10	21	59	173	99	3	0	3	4	7	5	14	110	66	109	47	2	64	173	116	10	32	28	28	34	50	54	79	50	
	15	1014.7	-	12.0	1.8	11.2	79	6.2	2	25	76	161	100	1	0	1	2	2	3	16	80	79	106	76	4	52	230	78	1	49	10	15	26	45	49	115	55	
	21	1015.3	-	9.9	0.9	11.1	89	5.8	9	48	69	114	122	3	0	2	2	4	7	18	91	77	128	36	2	38	155	159	11	40	24	32	23	67	49	72	47	
Cornwall, Scilly 61	3	1014.7	-	10.6	0.8	11.6	89	5.5	23	47	80	78	128	9	0	5	5	0	6	12	53	72	106	106	5	57	155	112	36	39	24	20	17	51	57	71	50	
	9	1015.1	+3.4	11.2	1.1	11.8	87	5.9	9	27	90	131	101	7	0	3	2	2	11	19	75	88	101	64	4	58	155	118	30	43	31	27	10	43	57	77	47	
	15	1015.3	-	12.1	1.4	11.9	83	5.7	8	35	89	118	108	7	0	1	2	5	8	14	78	100	103	54	4	49	185	113	14	43	21	25	14	42	69	87	50	
	21	1015.6	-	10.6	0.9	11.6	89	5.4	16	54	93	76	115	11	0	6	3	3	2	13	58	94	108	78	4	43	163	125	30	46	19	23	17	43	67	75	45	
CHANNEL ISLANDS																																						
Guernsey, Airport 105	3	1015.3	-	9.7	0.8	11.1	90	5.6	24	48	62	83	143	5	1	7	2	8	8	19	66	79	125	50	1	38	165	151	10	28	40	24	20	54	58	83	48	
	9	1015.7	-	10.6	1.1	11.3	86	6.0	3	37	67	165	91	2	1	5	2	4	8	19	53	70	123	80	1	41	207	109	7	31	43	26	18	54	63	76	47	
	15	1015.6	-	11.7	1.6	11.3	81	5.6	8	51	69	157	79	1	0	3	0	2	7	11	55	83	124	80	2	38	211	109	5	31	47	17	12	50	58	105	40	
	21	1016.1	-	10.1	0.9	11.1	88	5.3	20	69	59	106	110	1	0	1	0	2	14	17	73	91	113	54	3	34	169	141	18	33	33	30	8	51	48	94	50	
NORTHERN IRELAND																																						
Co Londonderry, Moneydig 35	9	1010.4	-	8.5	0.9	10.0	88	5.5	12	56	75	134	84	4	0	0	3	3	6	19	45	67	222	0	2	13	119	226	5	39	15	25	19	113	47	77	25	
	15	1010.2	-	11.3	1.8	10.7	79	5.8	8	36	79	166	76	0	0	0	0	0	9	29	64	263	0	0	18	181	164	2	51	12								

Table 5 Number of days with maximum and minimum temperatures between given limits during 1974

Station	maximum °C										Station	maximum °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	27	196	130	12	0	0	0	0	0	0	12	153	167	33	0	Egdbaston	1	16	116	114	93	25	0	0	0	0	0	0	0	0	11	132	140	79	3
Lerwick (screen)	0	25	191	128	21	0	0	0	0	0	0	15	146	173	31	0	Kew (psychrometer)	0	4	84	131	82	64	0	0	0	0	0	0	0	0	27	102	154	74	8
Stornoway	0	11	139	160	55	0	0	0	0	0	0	14	143	172	36	0	Kew (North-wall screen)	0	4	85	130	78	67	1	0	0	0	0	0	0	0	4	103	155	93	10
Craibstone	0	26	149	106	77	7	0	0	0	0	0	34	170	132	29	0	Hastings	0	5	96	124	118	22	0	0	0	0	0	0	0	2	97	159	93	14	
Rothsay	0	10	127	130	91	6	1	0	0	0	0	9	162	136	58	0	Southampton	0	4	54	153	94	57	3	0	0	0	0	0	0	4	100	166	88	7	
Abbotsinch	0	13	109	116	113	13	1	0	0	0	0	38	138	128	60	1	Stonyhurst	0	15	119	122	93	15	1	0	0	0	0	0	0	20	163	126	56	0	
Eskdalemuir (psychrometer)	1	46	138	101	76	3	0	0	0	0	0	7	65	164	106	23	0	Rhyl	0	0	98	151	106	9	1	0	0	0	0	0	0	3	79	177	104	2
Eskdalemuir (screen)	0	34	137	99	89	6	0	0	0	0	0	4	61	166	110	24	0	Falmouth	0	0	98	151	106	9	1	0	0	0	0	0	0	3	79	177	104	2
Douglas	0	4	136	139	85	1	0	0	0	0	0	2	115	167	81	0	Aldergrove	0	10	124	120	103	8	0	0	0	0	0	0	0	26	144	144	51	0	
Acklington	1	17	147	99	83	18	0	0	0	0	0	36	156	135	37	1	Armagh	0	6	118	123	107	11	0	0	0	0	0	0	0	26	159	136	44	0	
Gorleston	0	9	154	99	81	21	1	0	0	0	0	1	3	128	133	89	11																			
Cambridge (Botanic Garden)	0	9	88	120	84	63	1	0	0	0	0	2	24	147	127	60	5																			

Table 6 Summary of autographic records of wind for 1974

District Region/county and place	height of vane in metres			distribution of hourly mean values of wind speed										highest values							
	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	hours of no record	mean hourly wind speed (kt)	hourly wind			gust			
				number of days	number of hours	number of days	number of hours	number of hours	number of hours	veer from N	speed-kt	date			hour beginning	veer from N	speed-kt	date	time		
0 SCOTLAND NORTH																					
Shetland	Lerwick	93	10	10	17	77	115	1054	3836	3190	603	0	12.7	220	56	12 Jan	15	220	86	12 Jan	1506
Orkney	Kirkwall Airport	41	15	10	17	91	136	1080	4540	2498	551	0	13.7	220	48	14 Jan	21	130	66	10 Jan	1500
Caithness	Dounreay	34	12	9	22	137	128	857	3862	2680	1041	183	12.4	130	50	12 Jan	05	130	68	12 Jan	0548
	Wick	45	10	10	3	8	83	528	4026	3336	862	0	11.3	210	44	12 Jan	12	220	66	12 Jan	1300
Ross and Cromarty	Duirinish	38	20	17	18	52	104	682	2921	3258	1461	386	10.7	180	40	11 Jan	08	150	64	28 Jan	0518
Inverness-shire	Stornoway	12	10	10	23	95	123	968	3662	2888	1145	2	12.1	180	44	10 Jan	23	240	66	12 Jan	1330
	Benbecula	16	10	10	16	78	135	1082	4321	2800	479	0	13.3	290	45	17 Dec	06	140	70	10 Jan	1030
	Dalcross	19	10	10	4	10	59	282	3128	3816	1451	73	9.5	230	45	12 Jan	11	230	72	12 Jan	1124
	Fort Augustus	58	16	16	0	0	17	45	1664	3647	3122	282	6.1	230	32	12 Jan	10	230	65	12 Jan	1048
1 SCOTLAND EAST																					
Morayshire	Kinloss	18	13	13	4	14	75	404	3487	3933	922	0	10.4	230	44	12 Jan	12	220	68	12 Jan	1200
Aberdeenshire	Lossiemouth	17	10		5	23	79	411	3390	3469	1456	11	10.1	210	45	12 Jan	11	220	68	12 Jan	1206
	Aberdeen																				
	Dyce Airport	72	10	10	DEFECTIVE RECORD									160	43	10 Jan	13	220	67	12 Jan	1106
	Fraserburgh	29	13	11	22	167	119	777	3819	3320	618	59	12.5	310	46	27 Oct	15	300	70	27 Oct	1354
Angus	Bell Rock	39	40	38	37	167	190	1796	3966	1816	1012	3	14.9	220	55	12 Jan	09	200	87	12 Jan	0648
Perthshire	Rannoch	307	17	17	DEFECTIVE RECORD																
	Tummel Bridge	161	16	16	0	0	7	17	1097	4306	3316	24	5.6	230	30	12 Jan	10	230	64	12 Jan	1012
Fife	Leuchars	25	13	13	4	11	71	437	3648	3604	1056	4	10.7	220	46	12 Jan	10	220	70	12 Jan	0954
Midlothian	Edinburgh																				
	Turnhouse Airport	43	13	10	4	14	58	347	3467	3737	1195	0	10.1	190	38	12 Jan	07	190	69	12 Jan	0542
6 SCOTLAND WEST																					
Argyllshire	Dunstaffnage	13	10	10	5	14	43	238	3268	3885	1293	62	9.7	210	36	11 Nov	05	210	70	12 Jan	0930
	Machrihanish	22	12	12	32	175	155	1253	4257	2451	615	9	14.1	270	47	9 Nov	17	230	69	12 Jan	0754
	Tiree	24	16	12	37	233	197	1833	4300	2111	283	0	15.9	190	55	28 Jan	04	230	80	11 Nov	0054
Renfrewshire	Abbotsinch Airport	16	10	10	3	8	71	356	3209	3914	1271	2	9.8	210	42	12 Jan	08	210	70	12 Jan	0836
	Greenock Port	51	49	7		31	104	560	4004	3060	987	118	11.5	180	44	12 Jan	06	180	76	12 Jan	0618
Lanarkshire	Paisley	57	25	9	1	3	36	128	1950	3954	2231	494	7.4	190	41	12 Jan	06	190	70	12 Jan	0736
	East Kilbride	194	17	14	1	1	15	48	1997	4742	1815	157	7.4	220	34	12 Jan	08	230	71	12 Jan	0848
Ayrshire	Ardrossan	24	20	19		105	128	807	4424	2875	522	27	12.9	200	46	12 Jan	08	200	72	12 Jan	0818
	Prestwick Airport	21	10	10	8	29	71	446	3698	3339	1248	0	10.6	200	42	12 Jan	06	160	69	10 Jan	1148
Dumfriesshire	Eskdalemuir	259	10	10	14	51	103	625	3021	3282	1781	0	10.1	180	48	12 Jan	07	180	84	12 Jan	0736
Wigtownshire	West Freugh	25	10	10	3	7	59	362	3408	3508	1315	160	10.1	210	40	12 Jan	07	210	63	12 Jan	0706
2 ENGLAND EAST AND NORTHEAST																					
Tyne and Wear	South Shields	22	17	13	4	8	60	337	3344	3867	1201	3	9.8	260	38	28 Dec	12	260	60	28 Dec	1318
Durham	Durham	119	16	10	2	4	60	276	2746	3842	1633	259	9.0	270	36	28 Dec	13	270	72	28 Dec	1324
Cleveland	Middlesbrough	22	17	19	DEFECTIVE RECORD																
North Yorkshire	Church Fenton	18	10	10	DEFECTIVE RECORD																
	Leeming	42	10	10	2	13	45	206	3108	4241	1192	0	9.5	250	39	28 Dec	10	250	67	28 Dec	1024
Lincolnshire	Binbrook	118	10	10	7	19	110	848	4490	2993	410	0	12.9	270	42	28 Dec	12	270	73	28 Dec	1312
	Coningsby	16	10	10	0	0	56	273	3632	4036	752	67	10.4	280	33	8 Jan	19	260	71	27 Nov	1412
														200	33	7 Sep	12				
														230	39	7 Sep	16	230	61	7 Sep	1612
														190	33	12 Jan	05	240	56	7 Sep	1700
3 EAST ANGLIA																					
Norfolk	Coltishall	27	10	10	1	1	44	266	3568	3821	1091	13	9.9	230	34	7 Sep	18	240	61	14 Nov	1148
	Gorleston	16	13	13	5	24	89	515	4168	3339	458	256	11.9	170	42	11 Feb	15	170	65	11 Feb	1612
	Marham	29	10	10</																	

Table 6 (continued)

District Region/country and place	height of vane in metres			distribution of hourly mean values of wind speed										highest values						
	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	hours of no record	mean hourly wind speed (kt)	hourly wind		gust		
				number of days	number of hours	number of days	number of hours			veer from N	speed-kt	date	hour beginning			veer from N	speed-kt	date	time	
							number of hours	number of hours	number of hours											
3 EAST ANGLIA - continued																				
Hertfordshire	Garston	94	15	10	0	0	4	7	991	6043	1719	0	6.5	280	27	16 Jan	19	280	56	16 Jan 1912
	Rothamsted	141	13	10	0	0	5	10	1125	4688	2913	24	5.8	230	26	8 Jan	17	270	55	16 Jan 1900
Essex	Shoeburyness	36	32	28	24	123	132	977	5163	2283	191	23	14.3	210	47	11 Feb	18	270	77	16 Jan 1948
	Stansted	108	10	10	0	0	17	79	2587	4935	1159	0	8.4	260	29	16 Jan	19	280	52	6 Jun 1442
4 MIDLAND COUNTIES																				
South Yorkshire	Finningley	19	10	10	2	0	53	261	3182	4268	1041	0	9.8	270	40	28 Dec	09	270	65	17 Dec 1636
	Sheffield	160	25	11	0	0	8	31	1133	4054	3441	101	5.5	280	30	28 Dec	12	270	69	28 Dec 1242
Nottinghamshire	Watnall	130	13	10	0	0	30	149	3469	4241	901	0	9.7	240	31	7 Sep	16	180	63	7 Jan 1118
														260	31	28 Dec	12	250	63	28 Dec 1218
Staffordshire	Keele	215	15	10	0	0	8	23	1130	4651	2956	0	5.8	310	28	16 Jan	21	310	57	16 Jan 1754
Leicestershire	Cottesmore	143	13	13	5	9	74	445	4389	3424	374	119	11.8	260	38	8 Jan	18	280	62	17 Dec 1912
Salop	Shawbury	84	12	10	0	0	38	130	2587	4440	1600	3	8.5	250	31	7 Sep	13	250	52	7 Sep 1342
														260	31	29 Dec	02			
West Midlands	Birmingham					0	32	103	2316	4554	1787	0	8.2	310	33	8 Jan	17	320	61	8 Jan 1724
	Edgbaston	196	36	22	0	4	53	315	3189	4110	1142	0	9.7	290	36	8 Jan	17	290	65	8 Jan 1730
	Elmdon Airport	104	10	10	2	5	70	348	3450	3644	1313	0	9.9	280	36	8 Jan	16	290	61	8 Jan 1648
Hereford & Worcs	Pershore	47	10	10	4	6	51	255	3494	3786	1178	41	10.0	220	36	8 Jan	15	270	70	11 Jan 0054
Gloucestershire	Fairford	88	10	10	4	0	21	108	2742	4511	1395	4	8.7	230	33	8 Jan	16	260	53	16 Jan 1812
Oxfordshire	Abingdon	90	12	12	0	0	24	95	2830	4537	1293	5	8.7	240	32	8 Jan	16	280	53	26 Dec 0736
	Brize Norton	91	13	10	0	0	24	95	2830	4537	1293	5	8.7	240	32	8 Jan	16	280	53	16 Jan 1806
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																				
Greater London	Hampton	42	31	30	1	2	34	170	2525	4281	1774	8	8.4	260	34	16 Jan	19	210	58	11 Jan 0224
						0	21	79	2663	5275	743	0	9.0	210	31	11 Feb	09	200	58	11 Feb 0930
	Heathrow Airport	34	10	10	0	0	12	68	2618	4622	1452	0	8.4	220	28	7 Sep	13	320	78	11 Dec 0448
	Kew	28	23	15	0	3	46	245	4241	3879	392	0	11.0	170	35	11 Feb	10	260	61	16 Jan 1848
	London Weather Centre	93	70	38	1	35	67	428	3682	3757	858	0	10.8	280	41	16 Jan	17	280	65	16 Jan 1712
Wiltshire	Boscombe Down	130	17	17	5	3	56	299	3665	3716	1077	0	10.1	260	34	16 Jan	17	260	72	16 Jan 1706
	Larkhill	145	13	10	3	19	66	413	3576	3845	907	0	10.6	210	40	16 Jan	15	200	61	11 Feb 0512
Kent	Porton	120	10	10	3	63	128	1150	5046	2221	280	0	14.3	220	45	16 Jan	16	240	66	16 Jan 1754
	Dungeness	16	10	10	17									210	45	11 Feb	17			
	Isle of Grain	15	12	10	DEFECTIVE RECORD	48	95	680	4640	3013	379	0	12.5	210	47	11 Feb	17	210	71	11 Feb 1748
Hampshire	Manston	62	18	18	8	0	18	82	2194	4898	1545	41	8.0	220	32	16 Jan	15	240	61	16 Jan 1642
	Farnborough	75	10	10	0	7	44	234	3243	4221	961	94	9.7	200	35	11 Feb	03	190	56	11 Feb 1100
West Sussex	Middle Wallop	94	10	10	2	2	35	183	2818	4287	1470	0	9.0	240	35	16 Jan	17	260	60	16 Jan 1818
	Gatwick Airport	69	10	10	1	13	60	369	3681	3863	834	0	10.5	240	37	7 Sep	13	230	56	7 Sep 1154
	Thorney Island	16	10	10	4															
7A ENGLAND NORTHWEST AND ISLE OF MAN																				
Cumbria	Carlisle	41	13	9	1	4	45	193	3386	3787	1390	0	9.2	200	44	12 Jan	07	190	70	12 Jan 0812
	Great Dun Fell	857	10	10	146	1346	268	2868	3111	1163	179	93	22.0	220	92	12 Jan	07	220	14	12 Jan 0636
	Moor House	595	13	12	37	127	143	1177	2965	2111	2287	93	11.4	250	48	20 Dec	08	-	72	12 Jan 0742
	Sellafield	25	12	11	2	7	58	393	3276	3918	1029	137	10.0	-	40	12 Jan	07	-	59	12 Jan 0530
Lancashire	Fleetwood	34	15	9	13	69	69	393	2700	3105	2493	0	8.9	270	46	24 Nov	23	260	71	24 Nov 2318
	Squires Gate Airport	22	12	11	6	17	92	656	4342	3206	489	50	12.2	250	40	7 Sep	15	200	59	12 Jan 0548
Merseyside	Aigburth	38	23	11	9	12	64	408	2964	3991	1127	258	10.1	220	39	28 Jan	11	-	62	12 Jan 0512
	Speke Airport	30	10	10	4	8	64	410	3657	3871	814	0	10.6	270	35	17 Dec	12	290	55	25 Nov 0124
																		280	55	17 Dec 1700
Greater Manchester	Manchester					3	50	245	3054	4066	1392	0	9.3	200	40	12 Jan	04	200	72	12 Jan 0430
	Ringway Airport	80	10	10	1	0	25	84	3002	4477	1180	17	9.0	190	28	12 Jan	04	200	63	12 Jan 0448
	Weather Centre	82	45	17	0									280	28	25 Nov	00			
														-	28	29 Dec	04			
Isle of Man	Point of Ayre	20	10	10	18	77	155	1192	4706	2436	298	51	14.2	190	44	12 Jan	04	-	79	12 Jan -
	Ronaldsway	25	10	10	12	40	116	952	3983	3017	768	0	12.4	190	48	12 Jan	05	190	67	12 Jan 0518
7B WALES NORTH																				
Gwynedd	Valley	26	16	12	35	187	165	1595	4076	2421	481	0	14.9	220	53	12 Jan	06	200	77	12 Jan 0430
8A WALES SOUTH																				
Dyfed	Aberporth	144	10	10	15	61	112	1030	4409	2814	446	0	13.4	200	41	12 Jan	02	310	63	16 Jan 1524
	Milford Haven	47	10	10	3	12	68	488	4151	3617	485	7	11.5	240	45	7 Sep	08	240	68	7 Sep 0824
West Glamorgan	Port Talbot	28	12	11	4	18	67	412	3283	3339	1692	16	9.6	300	48	8 Jan	14	300	79	8 Jan 1406
South Glamorgan	Rhoose Airport	74	10	10	3	6	52	314	3783	3779	876	2	10.5	270	40	8 Jan	14	270	72	8 Jan 1424
8B ENGLAND SOUTHWEST																				
Dorset	Hurn Airport	23	13	11	2	14	65	384	3128	4085	1147	2	9.9	180	37	11 Feb	03	180	57	11 Feb 0436
	Portland Bill CG	60	13	13	24	137	143	1453	4737	2105	242	86	15.3	290	48	16 Jan	16	290	69	16 Jan 1618
Devon	Chivenor	22	16	13	DEFECTIVE RECORD															
	Mount Batten	64	13	13	27	146	111	855	3594	3249	916	0	12.1	200	52	16 Jan	11	200	74	16 Jan 1118
Cornwall	Lizard	96	23	18	59	407	188	2017	4344	1718	251	23	17.1	280	52	16 Jan	14	280	77	13 Nov 2312
	St Mawgan	120	13	13	20	105	123	1174	4342	2751	388	0	13.7	290	46	8 Jan	12	250	71	26 Dec 2254
	Scilly (St Mary's)	70	20	17	35	184	136	1406	4029	2077	1042	22	13.9	280	50	23 Sep	13	290	82	16 Jan 1554
CHANNEL ISLANDS																				
	Jersey Airport	98	18	12	10	44	82	635	4775	2892	414	0	12.7	300	43	16 Jan	21	280	71	16 Jan 1848
														310	43	24 Sep	01			
NORTHERN IRELAND																				
Londonderry	Coleraine University	33	10	10	DEFECTIVE RECORD															
Antrim	Aldergrove	80	10	10	4	9	47	258</												

Table 7 (continued)

District and Station	number of hours exceeding 33 knots												number of hours exceeding 47 knots													
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN - <i>continued</i>																										
Kent Dungeness	196	145	29	20	8	20	44	26	194	51	107	201	1041	20	19	0	0	0	1	0	0	37	5	18	15	115
Isle of Grain	-	-	-	-	2	-	11	4	58	29	73	93	-	-	-	-	0	-	0	0	8	0	3	3	-	
Manston	102	107	6	0	3	8	17	3	87	64	71	76	544	18	27	0	0	0	0	0	9	0	8	0	62	
Hampshire Farnborough	-	63	4	0	2	6	2	0	38	2	41	50	-	11	14	0	0	0	0	0	1	0	1	0	27	
Middle Wallop	81	69	8	0	2	8	3	1	-	4	62	74	-	11	20	0	0	0	0	0	1	0	2	0	34	
West Sussex Gatwick Airport	82	71	2	1	0	5	2	1	26	0	51	47	288	12	16	0	0	0	0	0	2	0	0	1	31	
Thorney Island	49	51	0	0	1	3	12	2	77	14	70	77	356	8	3	0	0	0	0	0	14	0	2	2	29	
7A ENGLAND NORTHWEST AND ISLE OF MAN																										
Cumbria Carlisle	127	41	21	7	4	7	6	8	2	12	73	237	545	15	1	1	0	0	0	0	0	0	9	12	38	
Great Dun Fell	532	268	-	56	188	145	220	149	227	-	256	609	-	277	98	-	0	11	12	23	46	31	-	109	301	
Moor House	-	68	23	0	12	34	-	73	89	136	-	-	-	-	2	1	0	0	0	2	4	7	25	-	-	
Sellafield	-	23	1	-	3	0	2	0	8	-	65	68	-	-	0	0	-	0	0	0	0	0	2	5	-	
Lancashire Fleetwood	129	48	15	1	8	14	27	1	42	65	115	184	649	19	2	0	0	0	2	0	5	17	29	41	115	
Squires Gate Airport	138	45	16	0	7	15	19	3	50	-	106	150	-	14	0	0	0	0	0	0	6	-	8	10	-	
Merseyside Aigburth	-	33	22	0	9	6	20	0	19	44	83	-	-	-	1	0	0	0	0	1	0	0	5	23	-	
Speke Airport	107	32	21	0	13	9	17	1	26	47	72	163	508	6	0	0	0	0	0	1	0	1	6	12	19	
Greater Manchester Manchester Ringway Airport	87	31	21	0	8	5	9	0	23	19	58	84	345	4	1	1	0	0	0	0	0	1	10	5	22	
Weather Centre	121	30	31	1	2	6	15	0	21	25	59	101	412	9	0	0	0	0	0	0	1	0	7	5	22	
Isle of Man Point of Ayre	-	121	37	4	25	22	28	11	42	99	150	278	-	-	14	2	0	0	0	3	0	0	22	28	26	
Ronaldsway	211	64	29	0	9	2	10	5	28	57	152	215	782	27	0	0	0	0	0	0	0	1	23	5	56	
7B WALES NORTH																										
Gwynedd Valley	321	119	51	0	36	18	31	34	91	106	154	306	1267	97	8	0	0	0	0	0	0	12	2	53	38	
8A WALES SOUTH																										
Dyfed Aberporth	297	138	30	0	25	2	1	5	64	78	92	156	888	67	0	0	0	0	0	0	15	0	6	4	92	
Milford Haven	228	92	8	0	37	4	3	2	93	42	-	167	-	43	0	0	0	0	0	0	16	0	12	5	76	
West Glamorgan Port Talbot	126	37	7	12	19	16	7	3	70	54	93	112	556	17	1	0	0	0	0	0	13	0	7	13	51	
South Glamorgan Rhosue Airport	90	31	16	0	1	11	3	1	53	17	65	133	421	11	0	0	0	0	0	0	8	0	1	5	25	
8B ENGLAND SOUTHWEST																										
Dorset Hurn Airport	86	64	6	0	0	3	4	0	84	23	73	82	425	10	14	0	0	0	0	0	15	0	4	3	46	
Portland Bill CG	209	-	18	2	20	14	20	-	107	168	209	-	39	-	0	0	0	0	0	0	35	3	34	41	-	
Devon Chivenor	170	80	11	3	16	12	7	2	-	-	-	-	-	33	5	0	0	0	0	0	-	-	-	-	-	
Mount Batten	266	155	23	7	41	32	12	7	123	65	122	189	1042	75	40	0	0	0	0	0	24	3	26	20		
Cornwall Lizard	329	-	75	13	100	63	28	33	209	163	227	300	-	63	4	0	3	1	0	0	-	21	65	63		
St Mawgan	219	131	12	5	46	20	7	2	115	90	91	202	940	69	21	0	0	0	0	0	18	0	2	20		
Scilly (St Mary's)	294	211	30	9	61	58	17	31	179	187	183	254	1514	98	50	0	0	3	0	0	65	12	41	42		
CHANNEL ISLANDS																										
Jersey Airport	91	83	11	5	5	2	5	14	130	112	102	108	668	17	13	0	0	0	0	0	22	4	10	9		
NORTHERN IRELAND																										
Londonderry Coleraine University	-	-	10	-	-	1	2	-	2	45	-	-	-	-	-	-	-	0	0	0	0	2	-	-	-	
Antrim Aldergrove	127	26	6	0	21	4	5	1	6	33	72	98	399	27	0	0	0	0	0	0	0	2	8	9		
Ballypatrick Forest	311	93	-	21	-	11	-	-	-	77	143	-	-	69	8	-	0	-	0	1	0	19	28	-		
Belfast Harbour	172	45	24	1	-	6	12	-	15	-	-	-	-	34	0	0	0	0	0	0	-	6	-	-		
Down Kilkeel	-	83	-	4	-	-	12	-	21	59	-	-	-	-	6	-	0	-	0	0	1	5	-	-		
Armagh Portadown	-	-	-	-	-	-	1	0	-	-	-	-	-	-	-	-	-	0	0	0	-	-	-	-		
Tyrone Carrigans	131	38	12	0	-	2	3	0	5	26	66	-	-	29	0	0	0	-	0	0	0	3	12	-		
Fermanagh Castle Archdale Forest	-	-	-	-	-	0	0	-	1	8	44	-	-	-	-	-	-	-	0	0	-	0	2	-		

Table 8 Dates on which gusts exceeded 47 knots during 1974

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

District and Station	Dates	District and Station	Dates
0 SCOTLAND N			
Lerwick	Jan 5 7-10 12-15 21 28 29; Feb 21 22 28; Sep 17; Oct 24 28; Nov 10 Dec 1-4 8 9 13 20 21 25;	Honington	Jan 8 16; Feb 9 11; Sep 7; Nov 27; Dec 11 17 29
Kirkwall Airport	Jan 4 5 8 10 12 14 15 18 19 28; Feb 21 28; Oct 24-29; Nov 10; Dec 1 2 4 8 9 20 21 28;	Wattisham	Jan 8 16 17; Feb 9 11; Jun 6; Sep 7; Nov 27 28; Dec 11 17 29;
Dounreay	Jan 4 5 8 10 12 14 19 28; Feb 15 28; Oct 24-28; Nov 10 27; Dec 1 4 5 10-13 17 18 20 27 29; (Defective Dec)	Bedford	Jan 8 11 12 16 17; Feb 9 11; Jun 6; Sep 7; Nov 27; Dec 11 17 26 28
Wick	Jan 4 5 10 12 14; Oct 25-28; Nov 10; Dec 5 12 18 20;	Cardington	Jan 8 11 16 17; Feb 10 11; Mar 19; Sep 7; Dec 17 26 28 29;
Duirinish	Jan 4 5 8 10-12 14 15 18 23 28; Feb 10 11 21; Mar 17; Oct 27; Nov 9-11 27; Dec 1-3 9 16 17 19-23 27 28; (Defective most months)	Garston	Jan 16 17; Mar 19; Sep 7;
Stornoway	Jan 1 2 4 5 8 10-12 14 15 28; Feb 5 10 11 28; Aug 24 25; Sep 17; Oct 17 18 26-28; Dec 2 3 5 8 17-19 21 23 28; (Defective Feb)	Rothamsted	Jan 8 16; Feb 10; Nov 14;
Benbecula	Jan 4 5 7 8 10-12 14 15 23 28; Feb 28; Mar 17; Jul 5; Oct 26 27; Nov 9-11 27; Dec 2-4 8 9 16-19 21-23 27 28;	Shoeburyness	Jan 8 11 13 16 17 27 28; Feb 9-11; Sep 2 3 7 27; Nov 11 13 14 28; Dec 17 21 26 28; (Defective Mar, Oct)
Dalcross	Jan 10 12 28; Jul 21; Oct 27; Nov 11; Dec 1 12 19 21 23; (Defective Dec)	Stansted	Jan 16; Jun 6; Sep 7; Dec 26 29;
Fort Augustus (Hydro- Electric Board)	Jan 8 10-12 28; Nov 11; (Defective Jan)	4 MIDLAND COUNTIES	
1 SCOTLAND E			
Kinloss	Jan 10 12 23 28; Jul 21; Oct 27; Nov 11; Dec 5 12 18 24;	Finningley	Sep 7; Oct 27; Nov 25 27 28; Dec 10 17 28 29;
Lossiemouth	Jan 4 10 12 23 28; Jul 21; Oct 27 28; Nov 11; Dec 3-5 12 18 24; (Defective Jan)	Sheffield	Jan 11 12 19; Sep 7; Oct 27; Nov 25 27 28; Dec 17 20 26 28 29;
Dyce Airport	Jan 4 5 8 10 12 28 30; May 28; Oct 27-29; Nov 11; Dec 12 21; (Defective Sep)	Watnall	Jan 7 8; Feb 2; Sep 7; Dec 17 26 28 29;
Fraserburgh	Jan 5 10 12 15; May 28; Oct 24-29; Nov 10 11 27; Dec 4 5 10-12 17 18 28 29 31; (Defective Jan)	Keele	Jan 5 8 12 16; Oct 27; Nov 27; Dec 12 17 29;
Bell Rock	Jan 4 5 10-12 15 27-29; Feb 14; Jul 21; Oct 27-29; Nov 9 11; Dec 2-4 8 10 12 17 18 20 24 28;	Cottesmore	Jan 8 11 15 16; Feb 11; Sep 7; Nov 25 27 28; Dec 11 16 17 26; (Defective Dec)
Rannoch	Jan 5 12 28; Nov 11; Dec 20; (Defective most months)	Shawbury	Jan 16; Sep 7; Nov 14; Dec 26 29;
Tummel Bridge	Jan 11 12; Nov 11; Dec 20; (Defective Feb)	Edgbaston	Jan 7 8 12 16; Dec 11 12
Leuchars	Jan 10-12 15 28; Nov 9 11; Dec 19 20 28;	Eldon	Jan 8 11 15 16; Sep 3 7; Oct 27 28; Nov 27 28; Dec 10-12 17 28 29;
Turnhouse Airport	Jan 5 10 12 15 18 19 28 30; Mar 17; Oct 27; Nov 9 11; Dec 3 10 16 20 28;	Pershore	Jan 5 8 11 12 16 27; Feb 10 11; Mar 19; Sep 7; Dec 26 29;
6 SCOTLAND W			
Dunstaffnage	Jan 4 10 12 15 27 28; Sep 21; Oct 27; Nov 9 11 27; Dec 4 17 28; (Defective Feb, Dec)	Fairford	Jan 8 11 16 27; Feb 10 11; Mar 19; Sep 7; Nov 14 27 28; Dec 26 29;
Machrihanish	Jan 4 5 7 8 10-12 15 27-29; Feb 11 12 14; Mar 17; May 10; Sep 7; Oct 26-28; Nov 9-11 24 25 27 28; Dec 4 5 10-12 16-18 23 28 29;	Abingdon	Jan 8 16; Sep 7; Dec 11 26 29; (Defective Dec)
Tiree	Jan 3-5 8 10-12 14 15 18 23 26-29; Feb 10 14 28; Mar 6 16-18; Jul 5; Oct 27 28; Nov 9-11 27; Dec 2-5 8 10 14 16-21 23 26 28;	Brize Norton	Jan 8 16; Sep 7; Dec 26;
Abbotsinch Airport	Jan 5 12 15 18 19 28; Mar 17; Jun 2; Oct 27; Nov 9-11 27; Dec 17 19 20 23 24 28 29;	5 ENGLAND SE & CENTRAL S	
Greenock Port	Jan 10-12 15 19 27 28 30; Feb 10; Jun 2; Oct 27 28; Nov 9 11 27; Dec 3-5 10 17 19 23 24 27-29; (Defective Aug; Dec)	Hampton	Jan 11 16 17; Feb 10 11; Sep 7; Nov 14 27 28; Dec 11 17 26 28;
Paisley	Jan 5 10 12 15 18 19 26 28; Feb 10 11; Nov 10 11; Dec 3-5 7 10 13 16 17 19 20 23 24 27-29; (Defective Oct; Dec)	Heathrow Airport	Jan 16; Feb 9 10; Dec 11;
East Kilbride	Jan 10 12 15 28; Nov 9; Dec 17; (Defective Dec)	Kew	Jan 8 11 12 16; Feb 10 11; Sep 7; Nov 13 14; Dec 11 28;
Ardrossan	Jan 5 12 15 18 19 28; Oct 27 28; Nov 9-11 24 25 27 28; Dec 4 5 10 17 18 20 24 28 29 31; (Defective Dec)	London Weather Centre	Jan 7 8 11 16 17 27; Feb 1 9 11; Jun 6; Sep 7; Oct 28; Nov 11 13 14; Dec 11 17 26-28;
Prestwick Airport	Jan 4 5 10 12 15 27-29; Feb 10; Oct 27; Nov 9 11; Dec 3 4 10 12 16-18 28 29;	Boscombe Down	Jan 8 12 16 27; Feb 6 10 11; Dec 11 17 28;
Eskdalemuir	Jan 5 10-12 15 16 18 28 30; Feb 2 3 10 12; Mar 17; Jul 6; Oct 26-28; Nov 9-11 14 25 27 28; Dec 2-5 10 12 13 17-20 22-24 27-29;	Larkhill	Jan 8 12 15 16 27 28; Feb 2 6 9-12 15; Sep 2 7 25; Nov 11 13 14 27 28; Dec 11 16 17 26-28;
West Freugh	Jan 10 12 27 28; Oct 27; Nov 24 25 28; Dec 17; (Defective Jan)	Porton	Jan 8 12 16 27; Feb 10 11; Sep 7; Nov 13;
2 ENGLAND E & NE			
South Shields	Oct 29; Dec 17 28 29;	Dungeness	Jan 8 11 16 17 28; Feb 9-11; Jun 6; Sep 2 3 5 7 23 27; Oct 18; Nov 11-14 28; Dec 11 26 27 29;
Durham	Jan 12 15 16 18 27 28; Mar 16; Oct 27; Nov 9 25 27 28; Dec 4 10 16 17 19 20 22 28 29 31; (Defective Jan)	Isle of Grain	Jan 16 17; Feb 9-11; Sep 7; Nov 14 27; Dec 11 26; (Defective Jan-Apr, Jul)
Middlesbrough	Jan 4 5 10 12 28 30; Oct 29; (Nov, Dec missing)	Manston	Jan 13 16 17; Feb 9-11; Sep 2 7; Nov 11 13 14;
Church Fenton	Jan 12 15 16 19 28; Mar 17; Sep 7; Nov 25 27 28; (Defective Feb, Dec missing)	Farnborough	Jan 7 8 11 16; Feb 10 11; Sep 7; Nov 14;
Leeming	Jan 12 15 19 28; Dec 17 28 29 31;	Middle Wallop	Jan 8 12 16; Feb 10 11 22; Sep 7; Nov 13 14;
Binbrook	Jan 5 8 12 15-17 26-28; Feb 2 14; Mar 19; Jun 6; Sep 7; Nov 13 25 27; Dec 17 28 29;	Gatwick Airport	Jan 13 16 28; Feb 9-11; Sep 7; Dec 26;
Coningsby	Jan 8 15 16; Jun 6; Sep 7; Nov 27; Dec 10 17 29;	Thorney Island	Jan 11 13 16; Feb 11; Sep 2 7 23; Nov 11 13; Dec 26;
Cranwell	Jan 8 12 16; Feb 2 11; Mar 19; Jun 6; Sep 7; Nov 11 25 27; Dec 17 28;	7A ENGLAND NW & IOM	
Manby	(Jun - Dec missing)	Carlisle	Jan 10 12 15 28; Feb 10; Mar 17; Nov 9-11 27; Dec 17 19-21 28;
Waddington	Jan 8 10 12; Feb 11; Sep 7; Nov 27; Dec 29;	Great Dun Fell	Jan 4-8 10-19 22-30; Feb 1-3 6 8-12 14 15 21 22 28; Mar 1 11 15-17 19 23; May 3 9 10 24 28; Jun 1 2 6 7 11; Jul 6 10 11 20-22; Aug 14 15 24 25; Sep 2 4 7 16 19-21 23 24; Oct 2-4 7 8 18 22-24 28 29; Nov 8-11 13 14 24 25 27 30; Dec 1-10 12-14 16 17 19-29 31; (De- fective Mar, Oct)
3 EAST ANGLIA			
Coltishall	Jan 8 11 16; Feb 11; Sep 7; Nov 14 28; Dec 11 17 28 29;	Moor House	Jan 5 10-12 15 18 19 28; Feb 12; Mar 17; Jul 6 21; Aug 15 24 25; Sep 16 17 20; Oct 26 27; Nov 9-11 14 24 25 27; Dec 1-6 8 12 16-23 26-31; (Defective Jan, Nov, Dec)
Gorleston	Jan 8 11 16 17 28 30; Feb 11; Jun 6; Sep 3 7; Oct 28; Nov 14 28; Dec 17; (Defective Nov, Dec)	Sellafield	Jan 5 10 12; Nov 24; Dec 17; (Defective Jan, Apr)
Marham	Jan 8 16; Feb 10 11; Sep 7; Oct 29; Nov 27; Dec 11 17;	Fleetwood	Jan 5 10 12 13 15 16 28; Feb 10 11 12; Jul 1; Sep 7; Oct 27 28; Nov 10 24 25 27 28; Dec 4 10-12 16-18 29;
West Raynham	Jan 8 11 16 17 28; Feb 10 11; Jun 6; Sep 7; Nov 14 25 27; Dec 17;	Squires Gate Airport	Jan 12 15 16 28; Sep 7; Nov 11 24 25 28; Dec 11 17; (Defective Oct)
Wittering	Jan 8 11 12 16; Feb 10 11; Sep 7; Oct 27; Nov 25 27 28; Dec 17 28;	Aigburth	Jan 5 12 15 16 28; Feb 2; Jul 1; Oct 27; Nov 10 24 25 27 28; Dec 4 11 12 17-19; (Defective Dec)
		Speke Airport	Jan 5 12 16 28; Jul 1; Sep 7; Oct 27; Nov 24 25 27 28; Dec 11 12 17 19 29;
		Ringway Airport	Jan 5 12; Feb 10; Mar 19; Oct 27; Nov 25 27 28; Dec 11 17 29;
		Manchester Weather Centre	Jan 5 12 15 16; Sep 7; Nov 11 25 27 28; Dec 11 17 28 29;
		Point of Ayre	Jan 3 5 10-12 15 16 27-30; Feb 1 2 10 11 14; Mar 16 17; Jul 1; Oct 27 28; Nov 9 10 14 24 25 27 28; Dec 10 11 17 18 20;
		Ronaldsway	Jan 5 12 15 16 27-29 Oct 27; Nov 10 11 14 24 25 27 28; Dec 17;
		7B WALES N	
		Valley	Jan 4 5 10-12 15 16 26-30; Feb 10 14 28; Sep 7; Oct 28; Nov 10 11 13 14 24 25 27 28; Dec 10 11 16 17 20 23 25 26 29;
		8A WALES S	
		Aberporth	Jan 4 5 8 10-12 14 16 26-30; Sep 7 23; Nov 13 27 28; Dec 11 25 26 29

Table 8 (continued)

District and Station	Dates	District and Station	Dates
8A WALES S - continued			
Milford Haven	Jan 4 5 7 10-12 16 27-30; Sep 6 7; Nov 10 11 13 14; Dec 26 27;	CHANNEL ISLANDS	
Port Talbot	Jan 7 8 12 16; Feb 6; Sep 2 7; Nov 11 27 28; Dec 10-12 17 26 27;	Jersey Airport	Jan 7 8 11 13 16; Feb 6 11; Sep 23-25 28; Oct 19 20; Nov 12 27 28;
Rhoose Airport	Jan 8 11 16; Sep 7; Nov 27; Dec 16 17 26 28		Dec 11 17 27;
8B ENGLAND SW		NORTHERN IRELAND	
Hurn Airport	Jan 8 16 27; Feb 11; Sep 2 7; Nov 13 14; Dec 11 25 27;	Coleraine University	Jan 11 12 27 28; Oct 27; Nov 9 11 24 27; Dec 17; (Defective Jan, Feb, Apr, May, Aug, Nov, Dec)
Portland Bill CG	Jan 4 7 8 11 16 17 26-28; Feb 1 6 9 11 14; Sep 2 3 7 23 25; Oct 20; Nov 3 11 13 14 25 28; Dec 11 17 26 27;	Aldergrove	Jan 4 5 10-12 15 16 27-29; Oct 27; Nov 24 27 28; Dec 16 17 28;
Chivenor	Jan 5 7 8 10-12 16 27 30; Feb 6 10 11; (Sep to Dec missing)	Ballypatrick Forest	Jan 3-5 8 10-12 15 27-29; Feb 10 11 14; Mar 24; Aug 25; Oct 27 28; Nov 9 10 24 25 27 28; Dec 2 3 10-12 17 19 23 28; (Defective Mar, May, Dec)
Mount Batten	Jan 4 5 7 8 10-13 16 26-30; Feb 1 2 6 10 11 14 15; Sep 2 7 23; Oct 18 28; Nov 10 11 13 14 27; Dec 11 17 22 23 25-27;	Belfast Harbour	Jan 4 5 8 10 12 15 27-29; Oct 27; Nov 24 25; Dec 12; (Defective Oct, Dec)
Lizard	Jan 4 5 7 8 10-12 16 26-31; Feb 1 2 5 6 9-12 15; Mar 1 19; May 9 10 23; Jun 9; Sep 2 6 7 22-25; Oct 6 7 18-20 27 28; Nov 3 10-14 23-25 27 28; Dec 10-12 17 21-23 25-27;	Kilkeel	Jan 4 5 8 10-12 15 16 26-30; Feb 10 14; Mar 17; May 10; Sep 7; Oct 27 28; Nov 14; Dec 11 12 17 23 27 28; (Defective Jan, Mar, May, Nov, Dec)
St Mawgan	Jan 4 5 7 8 11 12 16 26-31; Feb 5 6 10 11; Sep 2 7 23 24; Nov 28; Dec 11 17 25-27;	Portadown	Jan 5 10 12; (Defective Jan-May, Sep; Oct-Dec missing)
Scilly (St Mary's)	Jan 3-5 7 8 10-13 16 27-31; Feb 1 2 5 6 9-11 15; May 9 10; Sep 2 7 23-25; Oct 7 18 20 28; Nov 10-14 25 27 28; Dec 11 12 17 23 25-27;	Carrigans	Jan 5 8 10-12 15 27 28; Oct 27; Nov 9 10 24 27; Dec 17 23 28; (Defective May, Dec)
		Castle Archdale Forest	Jan 27 28; Nov 27; Dec 16 17; (Defective Jan-May, Dec)

Table 9 Occasions on which the maximum hourly mean wind was 41 knots or more (strong gale) during 1974

District and Station	date	maximum hourly mean wind of 41 Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour beginning	direction	speed	time	direction	speed	
0 SCOTLAND NORTH								
Lerwick	10 Jan	20	160	41	1954	150	62	14-21
	12 Jan	15	220	56	1506	220	86	6-8 10-23
	14 Jan	23	230	53	2300	220	79	20-23
	15 Jan	00	260	50	0036	270	72	0 1
	21 Dec	18	220	45	1812	230	66	16-21
Kirkwall Airport	10 Jan	15	130	46	1500	130	66	11-18
	14 Jan	21	220	48	2012	230	62	20-23
	19 Jan	07	250	42	0748	250	64	1-8 10-12 15 22 23
Dounreay	10 Jan	15	140	48	1300	140	64	10-17
	12 Jan	05	130	50	0548	130	68	2-10 12-14
	27 Oct	12	300	44	1248	300	63	24-23
Wick	12 Jan	12	210	44	1300	220	66	11-14
Stornoway	10 Jan	23	180	44	2212	190	62	13-16 20-23
	21 Dec	12	210	41	1312	230	61	8 10-15
Benbecula	10 Jan	10	140	43	1030	140	70	8-14
	12 Jan	10	240	41	1100	250	65	10-13
	17 Dec	06	290	45	0630	300	67	0 3 5-23
Dalcross	12 Jan	11	230	45	1124	230	72	10-12
1 SCOTLAND EAST								
Kinloss	12 Jan	12	230	44	1200	220	68	11-13 15
Lossiemouth	12 Jan	11	210	45	1206	220	68	10-13
	11 Nov	08	230	41*	0730	220	63	6-9
Dyce Airport	10 Jan	13	160	43	1500	170	66	11-15 17
	12 Jan	10	210	42	1106	220	67	2-13
Fraserburgh	27 Oct	15	310	46	1354	300	70	07-23
	28 Oct	09	340	42	0000	360	59	0-11 15-23
	10 Nov	01	290	45	0130	290	60	0-6
	27 Nov	18	280	42	1354	280	63	13-20
	5 Dec	04	290	41	0130	290	58	0-7 9-13
	12 Dec	16	340	46	1654	320	62	16-21
	18 Dec	13	280	43	1130	290	57	0-18
Bell Rock	5 Jan	06	160	43	0554	150	56	4-8
	10 Jan	14	160	48	1442	160	70	9-17
	12 Jan	09	220	55	0648	200	87	2-15
	28 Jan	01	160	45	0124	160	65	0-2 16-21 23
	29 Oct	04	340	43	0306	330	59	0-9 11 12
	9 Nov	17	230	46	1730	230	63	15-20
	11 Nov	10	240	49	1000	240	69	3-16
	2 Dec	04	250	44	0518	240	61	3-7
	20 Dec	02	220	42	0236	220	56	0-4 8
Rannoch	12 Jan	09	220	42	0948	230	72	5 8-10 12 (Defective most months)
Leuchars	12 Jan	10	220	46	0954	220	70	6-12
6 SCOTLAND WEST								
Machrihanish	10 Jan	09	150	42	0942	150	60	7-12
	12 Jan	08	240	43	0754	230	69	0-11
	27 Jan	22	130	43	2300	130	64	20-23
	28 Jan	02	190	41	0242	200	64	0-5 14-18
	9 Nov	17	270	47	1730	280	66	14-23
	24 Nov	19	280	41	1918	280	57	15 17-21
	17 Dec	05	280	43	0524	290	66	0-23
Tiree	8 Jan	10	160	43	1048	160	60	4-10
	10 Jan	09	150	49	0912	150	70	6-13 16 19-22
	12 Jan	09	240	52	0924	240	76	0-13
	15 Jan	14	300	47	1506	310	76	14 15
	27 Jan	23	110	47	2330	110	67	21-23
	28 Jan	04	190	55	0430	190	79	0-12
	28 Feb	11	150	42	1124	150	57	3-17
	6 Mar	13	150	41	1354	150	56	11-16
	10 Nov	23	210	47	2306	210	67	21-23
	11 Nov	01	230	54	0054	230	80	0-10
	17 Dec	13	300	42	0242	270	64	0-22
Abbotsinch Airport	12 Jan	08	210	42	0836	210	70	6-10
Greenock Port	12 Jan	06	180	44	0618	180	76	4-10
	15 Jan	16	290	44	1624	300	68	15 16
	27 Jan	22	100	41	2206	100	50	22
	28 Jan	02	160	44	0218	160	70	1-4
Paisley	12 Jan	06	190	41	0736	190	70	5-7
Ardrrossan	12 Jan	08	200	46	0818	200	72	4-11
	27 Oct	11	270	42	1806	270	63	3-23
	28 Oct	03	280	43	0430	290	57	0-5
	9 Nov	21	270	43	1824	230	56	14 18-23
	17 Dec	09	270	41	0918	270	65	5-23
Prestwick Airport	10 Jan	12	160	41	1148	160	69	10-12
	12 Jan	06	200	42	0454	190	68	24-10
Eskdalemuir	12 Jan	07	180	48	0736	180	84	5-11
	27 Oct	12	290	42	1242	290	71	9-15 17-19
	20 Dec	08	250	46	0806	240	78	36-10

Table 9 (continued)

District and Station	date	maximum hourly mean wind of 41 Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour beginning	direction	speed	time	direction	speed	
2 ENGLAND EAST AND NORTHEAST Binbrook	28 Dec	12	270	42	1312	270	73	10-14
3 EAST ANGLIA Gorleston	11 Feb	15	170	42	1612	170	65	5 7 8 10-19
West Raynham	8 Jan	19	230	42	1836	200	63	15 16 18-20
Bedford	8 Jan	17	230	41	1636	200	61	16-18
	16 Jan	19	290	41	1930	290	65	19-23
Cardington	8 Jan	17	240	45	1742	250	65	17 18
Shoeburyness	8 Jan	15	150	41	1506	150	62	13-16
	16 Jan	14	210	44	1948	270	77	9 10 13-20 22 23
	27 Jan	23	170	43	2318	170	55	22 23
	9 Feb	11	230	41	1142	250	62	9-11
	10 Feb	15	190	41	1200	200	56	9-16 23
	11 Feb	18	210	47	1524	190	68	0-19
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN Boscombe Down	16 Jan	17	280	41	1712	280	65	12-22
Dungeness	16 Jan	16	220	45	1754	240	66	11 14-19
	11 Feb	17	210	45	1748	220	64	0 1 5 6 15-18
Manston	9 Feb	11	220	44	1118	210	61	9-11
	11 Feb	17	210	47	1748	210	71	0 1 6 7 9 10 16-19
7a ENGLAND NORTHWEST & ISLE OF MAN Carlisle	12 Jan	07	200	44	0812	190	70	5-8
Great Dun Fell	4 Jan	18	180	44	1900	180	65	7-11 13-23
	5 Jan	04	180	54	0442	170	82	0-14
	6 Jan	15	210	42	1518	210	58	11-18
	10 Jan	17	210	62	1718	210	78	4-23
	11 Jan	12	200	55	0042	190	78	0-7 9-14 16-23
	12 Jan	07	220	92	0636	220	114	0-16
	14 Jan	11	210	44	1136	210	58	8-18
	15 Jan	15	250	63	1442	250	77	1 2 5-20
	17 Jan	20	250	53	2042	250	67	11-23
	18 Jan	09	260	55	0942	260	70	0-23
	19 Jan	11	250	45	1154	260	62	0 1 3-18
	23 Jan	04	220	43	0506	220	55	0-5 12-23
	25 Jan	11	220	44	1142	220	57	4-23
	26 Jan	10	200	45	0942	200	65	0-19
	27 Jan	23	180	45	2348	180	67	21 23
	28 Jan	00	190	50	0154	200	71	0-21
	29 Jan	21	190	44	2148	190	58	18-23
	30 Jan	01	200	46	0054	200	69	0-20
	2 Feb	22	250	47	0524	180	63	1-3 5-7 11-23
	3 Feb	01	250	50	0054	250	61	0-8
	8 Feb	18	240	42	1906	250	55	16-22
	9 Feb	23	240	41	2336	240	54	5 15 16 19-23
	10 Feb	16	220	65	1536	220	82	0-23
	12 Feb	05	260	42	0048	260	58	0 1 4 5
	14 Feb	17	150	43	1748	150	57	15 17-20
	21 Feb	21	240	41	2348	240	67	18-23
	22 Feb	00	240	46	0518	270	57	0-6 11 12 16
	11 Mar	09	060	46	0948	060	56	2-10 12 13
	16 Mar	23	250	44	2206	250	59	7-16 22 23
	17 Mar	04	230	44	0342	230	58	0-4
	23 Mar	19	060	48	1930	060	60	13-23
	24 May	12	040	43	1242	040	52	7-16 19 20
	1 Jun	23	220	45	2118	220	60	20-23
	2 Jun	01	220	41	0124	220	57	0-3 5 10-13
	10 Jul	22	260	45	2300	270	57	16 19-23
	11 Jul	01	270	45	0106	270	57	0-7 13 14
	22 Jul	14	230	45	1424	230	61	9-19 21 23
	14 Aug	23	220	41	1742	210	57	16-23
	15 Aug	04	220	45	0918	220	64	0-19
	24 Aug	21	220	45	2142	220	57	16-23
	25 Aug	10	220	44	1100	230	60	0 1 3-11
	4 Sep	16	230	41	1708	250	60	14-17 19
	7 Sep	21	260	42	1700	290	55	7-9 12 13 17-23
	20 Sep	23	230	43	2248	230	55	15-18 20-23
	21 Sep	00	220	42	0000	230	53	0-2 13 14
	23 Sep	20	040	45	2018	040	58	17-23
	3 Oct	22	020	41	1936	020	53	8 10-12 15-23
	4 Oct	01	020	41	0648	030	53	0-7 13
	8 Oct	10	040	51	1100	050	61	1-17
	23 Oct	05	040	46	0724	040	57	0-10
	24 Oct	14	270	41	1442	270	54	12-16
	9 Nov	20	260	49	1954	270	61	2-23
	10 Nov	23	240	61	2330	240	72	0-23
	11 Nov	00	250	62	0100	260	75	0-15
	14 Nov	18	240	57	1806	240	72	4-23
	24 Nov	23	290	45	2306	280	61	14-18 20-23
	25 Nov	00	300	42	0048	300	59	0-2 7 13
	27 Nov	11	280	48	1142	290	72	8-16

Table 9 (continued)

District and Station	date	maximum hourly mean wind of 41 Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour beginning	direction	speed	time	direction	speed	
7a ENGLAND NORTHWEST & ISLE OF MAN — continued								
Great Dun Fell	30 Nov	12	280	44	1206	280	58	11-13
	1 Dec	10	280	45	1100	280	60	4-13 19-23
	2 Dec	12	270	48	1124	270	65	0-4 6-15 18
	3 Dec	21	240	58	2106	250	76	15-23
	4 Dec	00	240	54	0018	240	70	0-9 11-23
	5 Dec	20	280	42	0042	290	53	0 1 10-14 17-23
	6 Dec	01	280	41	2348	280	55	0-9 17-23
	7 Dec	00	280	43	0012	280	57	0 1 3 7 9 12-18
	8 Dec	21	270	45	2148	270	57	11 13-23
	10 Dec	09	280	42	0948	290	63	0 2 4-10 12
	13 Dec	18	260	41	2348	250	51	1 16-23
	16 Dec	04	230	45	0742	270	59	3-14 17 20 23
	17 Dec	08	270	55	1106	280	70	0-15 18 20 22 23
	19 Dec	19	240	59	1948	240	72	6 7 9 11 15-23
	20 Dec	08	260	66	0842	270	82	0-23
	21 Dec	01	240	57	0136	240	70	0-17 21-23
	22 Dec	04	240	55	0406	240	70	0-6 11-23
	23 Dec	06	220	51	1218	210	74	0-23
	24 Dec	00	230	46	0024	220	65	0-3
	25 Dec	23	240	45	2306	240	60	3-5 12-16 18-23
	26 Dec	00	230	50	0024	230	65	0-12 22
	27 Dec	14	280	45	1424	270	57	2 3 13-23
	28 Dec	09	260	56	0954	260	75	0-19 22 23
	29 Dec	00	250	53	0900	280	69	0-11 14-19
	31 Dec	03	260	47	0330	260	58	0-3 11-20 (Defective Mar, Oct)
Moor House	10 Nov	01	270	43	0106	270	69	0-3
	2 Dec	09	260	42	0924	260	57	8-12
	19 Dec	20	220	42	2024	220	58	19-21
	20 Dec	08	250	48	0818	250	69	3-9
	28 Dec	15	260	43	1312	250	59	10-17
Fleetwood	27 Oct	16	310	42	1442	310	59	10 12-22
	24 Nov	23	270	46	2318	260	71	22 23
	25 Nov	00	280	45	0000	270	63	0-4 7 8
Point of Ayre	12 Jan	04	190	44	—	—	79	0 1 4 8
	27 Oct	17	310	43	1654	310	63	6-23
	24 Nov	23	300	44	2312	300	63	19-23
	25 Nov	00	300	41	0048	300	64	0-3 (Defective Jan)
Ronaldsway	12 Jan	05	190	48	0518	190	67	1-8
7b WALES NORTH Valley								
	4 Jan	17	150	43	1718	160	63	12-18 22 23
	5 Jan	02	160	46	0148	160	66	0-4 8 11
	10 Jan	11	160	44	1130	160	62	8-12 23
	11 Jan	23	170	45	2354	170	64	20 22 23
	12 Jan	06	220	53	0430	200	77	0-10
	27 Jan	21	170	45	2030	160	68	20-23
	29 Jan	20	170	42	1918	170	58	17-23
	7 Sep	06	190	42	0506	180	64	3-8 10-14
	10 Nov	23	220	42	2306	220	57	17-23
	11 Nov	00	220	41	0036	220	58	0
	28 Nov	00	290	41	0042	290	57	0-2
	17 Dec	11	280	41	1206	290	61	0-2 4-17
	23 Dec	08	180	41	1030	170	58	7-10 13-15
8a WALES SOUTH								
Aberporth	12 Jan	02	200	41	0154	190	63	0-5
	16 Jan	18	320	41	1524	310	63	4 15-21
Milford Haven	7 Sep	08	240	45	0824	240	68	4-12
Port Talbot	8 Jan	14	300	48	1406	300	79	14
8b ENGLAND SOUTHWEST								
Portland Bill CG	8 Jan	11	160	41	1600	300	60	9-16
	16 Jan	16	290	48	1618	290	69	11-23
	11 Feb	06	190	42	0648	190	60	0-13 15-17
Chivenor	8 Jan	13	280	43	1330	280	65	13 14
	16 Jan	14	250	41	1430	260	68	10-16 19
Mount Batten	4 Jan	15	180	41	1600	180	59	12-18
	12 Jan	01	190	41	0100	190	63	0-5
	16 Jan	11	200	52	1118	200	74	4-19
	27 Jan	19	170	42	1930	180	64	18-21
	10 Feb	09	190	41	0948	190	60	6-9
	11 Feb	03	190	45	0724	180	60	0-5 7-14
	7 Sep	03	250	43	0906	240	59	1-3 5-11
Lizard	4 Jan	23	170	47	2330	170	65	9-23
	5 Jan	00	180	50	0042	180	71	0 1 5
	8 Jan	11	280	47	1118	280	67	8-15
	11 Jan	23	190	43	2124	180	64	5-8 20-23
	12 Jan	01	200	45	0200	200	62	0-4
	16 Jan	14	280	52	1806	300	74	4 7-19
	27 Jan	18	190	48	1818	190	64	15-20
	30 Jan	01	190	42	0154	190	58	0-12

Table 9 (continued)

District and Station	date	maximum hourly mean wind of 41 Kt or more			maximum speed in a gust during the day			hours for which the mean speed exceeded 33Kt on the date in the second column
		hour beginning	direction	speed	time	direction	speed	
8b ENGLAND SOUTHWEST — continued								
Lizard	1 Feb	18	220	42	1818	220	66	0 15-23
	6 Feb	02	290	44	0724	320	75	0-4 6-17
	10 Feb	06	210	42	0654	210	56	4-8
	11 Feb	13	280	47	1306	270	64	0-8 11-14
	15 Feb	09	200	41	0906	190	61	5-10
	2 Sep	10	230	47	0924	220	65	2-4 6-23
	7 Sep	02	250	42	0236	260	62	0-2 4-13
	23 Sep	10	290	45	—	—	69	1-11 14-23
	20 Oct	16	350	41	1636	350	54	16
	11 Nov	03	270	41	0536	270	57	0-7 23
	13 Nov	10	230	44	2312	280	77	3-14 20-23
	25 Dec	23	230	41	2306	220	54	7 9 10 14 15 17-23
	26 Dec	03	250	43	2248	240	61	0-9 20-22
	27 Dec	05	260	46	0500	270	74	0-12 18
St Mawgan	5 Jan	00	180	45	0042	180	67	0-3
	8 Jan	12	290	46	1136	280	68	8-14
	16 Jan	17	300	46	1724	300	65	9-20
Scilly (St. Mary's)	4 Jan	23	180	42	2248	170	64	21-23
	5 Jan	00	180	42	0000	180	64	0 1
	16 Jan	15	280	49	1554	290	82	8-18
	6 Feb	06	300	45	1224	270	77	0-17
	11 Feb	11	270	43	1130	260	61	11 12
	7 Sep	08	260	41	0630	250	65	2-11
	23 Sep	13	280	50	1336	280	71	4 6-23
27 Dec	05	260	42	0448	270	67	12 4-8	
CHANNEL ISLANDS								
Jersey Airport	16 Jan	21	300	43	1848	280	71	15-23
	24 Sep	01	310	43	0000	290	57	0-6
NORTHERN IRELAND								
Ballypatrick Forest	12 Jan	07	230	41	0724	230	71	4-9
	28 Jan	14	240	43	0142	200	70	0-4 13-16 (Defective Mar, May, Dec)
Belfast Harbour	12 Jan	06	210	41	0436	180	72	0 1 3-8 (Defective Oct, Dec)
Kilkeel	10 Jan	10	130	42	1030	130	65	7-10
	12 Jan	05	160	54	0536	170	108	0-8
	27 Jan	23	200	43	2342	200	63	19-23
	28 Jan	01	210	47	0042	200	63	0-3
	29 Jan	18	170	41	1800	170	63	15-22
	14 Nov	05	—	41	0454	—	53	4-6 (Defective Jan, Mar, May, Nov, Dec)
Carrigans	27 Jan	23	170	41	2312	160	71	23
	28 Jan	00	200	44	0024	200	76	0-2
Castle Archdale Forest	27 Jan	23	160	43	2348	160	73	22 23 (Defective Jan-May, Dec)
	28 Jan	00	180	48	0036	180	87	0 1

Table 10 Highest and lowest maximum and minimum temperatures during 1974 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
SCOTLAND N					SCOTLAND E				
Balzasod	June 14 19.0	Aug 10 12.4	Dec 11 0.4	Dec 13 -4.1	Nairn	Aug 7 21.6	Aug 8 13.0	Feb 13 2.3	Feb 14 -6.7
Lerwick	June 21 16.5	Sept 1 13.0	Dec 11 1.2	Dec 12 -3.9	Elgin	June 14,21,July 21 22.5	Aug 10 14.0	Feb 13 2.7	Feb 14 -3.0
Psychrometer Screen	June 21 16.8	Sept 1 12.9	Dec 11 1.4	Dec 12 -4.6	Forres	June 13 23.0	Aug 8 14.2	Dec 11 1.5	Mar 2 -3.0
Kirkwall Airport	Aug 15 19.0	July 9, Aug 8, Sept 1 12.5	Dec 11 2.2	Dec 11 -2.0	Gordon Castle	July 21 22.9	Aug 8 13.5	Dec 10 2.2	Dec 11 -1.5
Stenness	July 8 21.2	Aug 8 12.7	—	—	Grantown-on-Spey	June 21 24.6	Aug 8 13.1	Dec 11 0.0	Feb 14 -9.1
Douneary	Aug 7 21.0	July 19 13.0	Feb 7 2.0	Dec 13 -4.0	Kinloss	June 21 23.6	Aug 8 14.4	Dec 10,11 2.4	Feb 14 -4.7
Keiss	Aug 15 20.3	Aug 8 12.7	Dec 12 2.4	Feb 8 -3.5	Banff	July 21 22.0	July 22 16.3	Feb 13 3.0	Dec 12 -1.6
Wick	Aug 15 19.7	Aug 7 13.0	—	Feb 6,14 -3.3	Glenlivet	—	—	Dec 11 0.4	Feb 14 -6.6
Cape Wrath	Aug 8 19.9	Aug 8 14.6	Feb 8, Dec 11 3.0	Dec 12 -2.0	Aberdeen	—	—	—	—
Laig	June 21 22.4	Aug 7 12.9	Dec 11 0.6	Feb 14 -6.9	Dyce Airport	July 19 22.7	Aug 25 14.8	Dec 11 1.9	Oct 31 -4.3
Strathly	June 13 21.9	Aug 8 13.0	Dec 11 2.8	Feb 14 -5.2	Mannofield	July 19 22.8	—	—	—
Achnashellach	June 21 26.1	Aug 7 13.4	Nov 19 2.0	Nov 20 -4.1	Balmoral	June 14 22.1	Aug 21 12.9	Feb 13 -0.8	Feb 14 -8.5
Balmacara	June 21 21.8	Aug 8 14.9	—	—	Braemar	June 12,14 23.3	July 22, Aug 24 12.1	—	—
Contin (Craigdarroch)	June 21 23.5	Aug 7 14.1	Dec 11 1.0	Feb 14 -6.4	Crabstone	July 19 21.9	July 22 13.8	Dec 11 1.2	Jan 28 -2.8
Fortrose	June 14,20 21.0	July 19, Aug 8, 15 13.5	Feb 13, Dec 11 2.5	Dec 12 -1.5	Dunnet	—	Aug 25 15.5	Dec 11 0.6	Apr 14 (-8.5)
Inverpolly	May 16 21.9	Aug 8 14.8	—	—	Fyvie Castle	July 21 24.0	July 22, Aug 25 14.5	Feb 13 1.0	—
Kinlochewe	June 21 23.6	Aug 7 14.1	Nov 19 0.0	Nov 20 -5.5	Gartly	July 21 21.8	Aug 25 14.4	Dec 11 0.9	Feb 14 -4.5
Poolwee	May 16, June 21 22.3	July 8, Aug 8 13.9	Nov 20 3.6	Nov 20 -3.5	Banchory	July 19 23.0	Aug 25 15.4	Feb 13 1.1	Feb 8 -4.5
Rubh Re	May 19 20.5	Aug 8 14.4	Feb 28 4.2	Mar 5, Dec 12 0.0	Stonehaven	July 19 23.8	—	Feb 13 2.5	—
Stornoway	Sept 1 18.5	Aug 8 12.9	Dec 11 2.0	Dec 11 -2.1	Arbroath	July 19 22.7	Aug 25 14.4	Feb 28 3.9	Dec 13 -3.6
Strathconon	June 21 23.1	July 19 13.5	Dec 11 0.5	Feb 14 -7.2	Dundee	May 26 24.6	Aug 25 15.2	Feb 13 2.6	Feb 14 -2.1
Tarbatness	June 21 20.6	Aug 8 13.1	Feb 13 2.5	Feb 14 -3.0	Monroese	July 19 23.0	Aug 25 14.5	Feb 13 2.4	Feb 14 -3.3
Benbecula	June 21 21.0	July 8, Aug 8 13.4	Dec 11 4.0	Feb 13 -2.8	Mynefield	July 19 23.4	Aug 25 15.1	Feb 13 2.1	Dec 13 -4.1
Corrach	June 21 27.2	Aug 8 13.6	Nov 19 0.9	—	Usan	July 19 23.2	July 22, Aug 25 14.0	Feb 13, Dec 10 3.1	Feb 8 -2.5
Dalwhinnie	June 21 24.0	Aug 8 11.7	Dec 11 -0.5	Feb 14 -9.5	Whitehilllocks	July 14 23.5	Aug 25 13.3	Feb 13 1.0	Nov 20 -7.6
Glenmore Lodge	June 21 24.6	Aug 7 12.6	Dec 11 0.7	Feb 14 -8.6	Aberfoyle	—	—	—	—
Inverness	May 16, June 13 21.5	Aug 7, 29 14.3	Feb 13 2.3	Feb 14 -2.4	Ardaraig	June 21, 22 26.0	July 20 13.0	Feb 28 1.6	Feb 14, Nov 20 -3.5
Isle of Rhum	June 21 23.6	Aug 8 14.1	Feb 28 3.5	Nov 20 -2.6	Ashniffully Castle	June 12 22.4	Aug 31 12.0	Dec 11 -0.4	Feb 14 -7.2
Lagganla	June 21 25.6	Aug 8 13.6	Dec 10 0.0	Feb 14 -10.2	Blaigownie	Aug 5 22.9	Aug 31 13.5	—	Dec 13 -6.9
Ornich	June 21, 25 24.0	Aug 8, 31, Sept 13 13.0	Dec 11 2.0	Mar 2, 3, 21, Sept 28 -2.0	Callander	June 21 24.5	Aug 31 13.5	Feb 13 2.0	Mar 2 -6.0
Prabost	June 21 23.1	Aug 8 13.9	Feb 28 3.1	Feb 13 -2.2	Dall	June 25 26.4	—	—	Feb 14, Nov 20 -8.2
1 SCOTLAND E					2 ENGLAND E & NE				
Elgin	June 14, 21, July 21 22.5	Aug 8 14.0	Feb 13 2.7	Feb 14 -3.0	Adkington	May 26 22.4	Aug 25 15.7	Jan 2 -1.1	Jan 1 -4.4
Forres	June 13 23.0	Aug 8 14.2	Dec 11 1.5	Mar 2 -3.0	Corbridge	June 20 24.1	Aug 25 15.4	Jan 2 0.8	Apr 14 -5.5
Gordon Castle	July 21 22.9	Aug 8 13.5	Dec 10 2.2	Dec 11 -1.5	Haydon Bridge	June 21 24.6	Aug 25 15.4	Nov 19 2.1	Apr 14 -4.5
Grantown-on-Spey	June 21 24.6	Aug 8 13.1	Dec 11 0.0	Feb 14 -9.1	Kielder Castle	June 21 23.5	July 22, Aug 25 13.5	Feb 28 1.1	Mar 3 -7.0
Kinloss	June 21 23.6	Aug 8 14.4	Dec 10,11 2.4	Feb 14 -4.7	Seahouses	Aug 20 22.0	July 22 15.3	Jan 2 -0.4	Jan 1 -2.9
Banff	July 21 22.0	July 22 16.3	Feb 13 3.0	Dec 12 -1.6	Chopwellwood	June 21 22.0	Aug 25 15.5	Jan 2 0.0	Jan 1, Dec 13 -3.6
Glenlivet	—	—	Dec 11 0.4	Feb 14 -6.6	Tynemouth	May 26 22.2	Aug 25 16.0	Jan 2 -0.7	Jan 1 -3.2
Aberdeen	—	—	—	—	Washington	May 26 22.5	July 22 15.5	Jan 1 0.8	Jan 1 -3.2
Dyce Airport	July 19 22.7	Aug 25 14.8	Dec 11 1.9	Oct 31 -4.3	Durham	June 20 23.0	Aug 25 14.3	Jan 1 0.1	Jan 1 -3.6
Mannofield	July 19 22.8	—	—	—	Hartburn	—	—	—	—
Balmoral	June 14 22.1	Aug 21 12.9	Feb 13 -0.8	Feb 14 -8.5	Grange	June 20 23.8	July 22 14.6	Jan 1 1.0	Jan 1 -3.3
Braemar	June 12,14 23.3	July 22, Aug 24 12.1	—	—	Hartlepool	Aug 6 22.3	July 20 15.5	Jan 2 2.0	Jan 1 -3.4
Crabstone	July 19 21.9	July 22 13.8	Dec 11 1.2	Jan 28 -2.8	Ashham Bryan	June 20 26.2	—	—	—
Dunnet	—	Aug 25 15.5	Dec 11 0.6	Apr 14 (-8.5)	Cawood	June 21, Aug 15 23.5	June 2, July 20, 22 15.0	Jan 1 0.0	Nov 20 -4.5
Fyvie Castle	July 21 24.0	July 22, Aug 25 14.5	Feb 13 1.0	—	High Mowthorpe	Aug 15 22.5	Aug 15 14.6	Jan 2 -0.4	Jan 3 -3.7
Gartly	July 21 21.8	Aug 25 14.4	Dec 11 0.9	Feb 14 -4.5	Leeming	June 20 24.4	July 20, 22 15.6	Jan 2 -0.4	Nov 20 -4.0
Banchory	July 19 23.0	Aug 25 15.4	Feb 13 1.1	Feb 8 -4.5	Matham Tarn	—	—	—	Nov 20 -4.8
Stonehaven	July 19 23.8	—	Feb 13 2.5	—	Pickering	July 22 23.8	Aug 30 14.7	Jan 1 0.1	Jan 1 -5.0
Arbroath	July 19 22.7	Aug 25 14.4	Feb 28 3.9	Dec 13 -3.6	Scarborough	Aug 15 23.0	July 22, Aug 15 14.8	Jan 1 1.0	Jan 2 -2.6
Dundee	May 26 24.6	Aug 25 15.2	Feb 13 2.6	Feb 14 -2.1	Silpho Moor	Aug 8 22.5	Sept 13 16.4	Jan 1 0.1	Jan 2 -4.0
Monroese	July 19 23.0	Aug 25 14.5	Feb 13 2.4	Feb 14 -3.3	Whisby	—	—	—	—
Mynefield	July 19 23.4	Aug 25 15.1	Feb 13 2.1	Dec 13 -4.1	(Coastguard)	Aug 15 22.5	July 20 16.0	Jan 2 -0.6	Jan 2 -2.7
Usan	July 19 23.2	July 22, Aug 25 14.0	Feb 13, Dec 10 3.1	Feb 8 -2.5	York (Hestington)	Aug 15 23.9	July 22 14.8	Jan 1 -0.5	Jan 1 -3.2
Whitehilllocks	July 14 23.5	Aug 25 13.3	Feb 13 1.0	Nov 20 -7.6	Bridlington	July 22, Aug 15 23.4	Aug 15, 16 14.0	Jan 1 -0.5	Jan 2 -6.0
Aberfoyle	—	—	—	—	Brigg	July 22, Aug 15 24.0	July 28, Aug 15 16.5	Jan 1 -0.6	Jan 2 -4.5
Ardaraig	June 21, 22 26.0	July 20 13.0	Feb 28 1.6	Feb 14, Nov 20 -3.5	Cleethorpes	Aug 15 25.0	—	—	Jan 1 -4.0
Ashniffully Castle	June 12 22.4	Aug 31 12.0	Dec 11 -0.4	Feb 14 -7.2	Hull	Aug 15 25.0	Aug 16 16.1	Jan 1 1.5	Jan 1, 2 -2.3
Blaigownie	Aug 5 22.9	Aug 31 13.5	—	Dec 13 -6.9	Kilnsea	July 22 24.0	Aug 16 15.7	Jan 1 0.5	Jan 2 -2.6
Callander	June 21 24.5	Aug 31 13.5	Feb 13 2.0	Mar 2 -6.0	Binbrook	July 22 23.5	Sept 13 15.2	Jan 1 -0.7	Jan 1 -5.5
Dall	June 25 26.4	—	—	Feb 14, Nov 20 -8.2	Cranwell	Aug 15 23.7	Aug 16 15.1	Jan 1 -1.1	Jan 2 -6.4
Drummond Castle	June 21 23.0	Aug 21, 25 12.8	Feb 13 1.1	Feb 14 -7.0	Lincoln	July 22, Aug 15 24.1	Aug 15 15.8	Jan 1 -0.2	Jan 1 -8.9
Faskally	June 14 23.5	July 22 13.5	Feb 13 1.5	Mar 2 -6.0	Skegness	—	—	Jan 1 0.0	Mar 3 -2.8
Glennegles	June 22 22.4	Aug 21 12.2	Feb 13 1.5	Mar 2 -6.6	Waddington	July 21, 22 23.7	Aug 15 15.6	Jan 1 -0.9	Jan 1 -6.0
Kindrogan	June 14 22.5	Aug 31 13.1	Feb 28, Dec 11 0.4	Mar 2 -7.9	3 EAST ANGLIA				
Perth	June 12 23.3	Aug 25 15.3	Feb 13 1.5	Feb 14 -5.7	Coltishall	Aug 15 26.5	Aug 15 17.6	Jan 1 0.2	Jan 1 -6.6
Pitlochry	June 21 22.8	July 22 12.9	Feb 13 1.1	Mar 2 -5.8	Cotesay	Aug 15 26.3	Aug 15 17.0	Jan 1 0.0	Jan 1 -5.9
Strathallan	June 21 23.1	Aug 16 14.0	Feb 13 1.0	Feb 14 -4.6	Cromer	—	—	Jan 2 1.6	Jan 2 -2.3
Kinross	June 15, 20, 21 21.6	Aug 8 13.0	—	Feb 15 -4.5	East Dereham	Aug 15 27.0	Aug 15 16.7	Mar 2 1.0	Jan 2 -6.3
Belliston	June 14 21.7	Aug 25 14.6	Feb 13, Dec 10 2.8	Dec 13 -3.9	Garleston	Aug 15 25.1	Aug 15 17.4	Feb 27 3.5	Jan 1 -6.3
Glenrothes (Glenwood)	—	—	—	—	Marham	Aug 15 26.2	Aug 15 16.4	Jan 1 0.0	Jan 1 -6.7
Kirkcaldy	—	—	Feb 13 2.1	Feb 14 -3.3	Morley St	—	—	—	—
Leuchers	May 26 23.7	Aug 25 15.0	Jan 3 2.6	Feb 14 -3.9	Botolph	Aug 15 26.5	Aug 15 16.4	Jan 1 0.1	Jan 1 -4.9
Pitreevie	June 20 22.6	Aug 25 15.7	Jan 16 3.0	Nov 20 -2.6	Santon Downham	Aug 15 26.2	Aug 16 17.0	Jan 1 0.1	Jan 1 -8.4
St Andrews	June 14 23.6	Aug 25 15.7	Feb 13, Dec 11 3.1	Feb 15 -3.3	Scle	Aug 15 26.1	Aug 15 17.0	Jan 1 0.6	Jan 1 -5.5
Livingston	June 14 23.0	Aug 25 14.2	Dec 11 2.0	Nov 20 -5.6	Terrington	—	—	—	—
Bush House	June 13, 20 21.2	Aug 25 14.6	Dec 11 1.8	Nov 20 -3.8	St Clement	Aug 15 26.4	Aug 15 16.2	Jan 1 -0.3	Jan 1 -3.6
Edinburgh	—	—	—	—	Boxworth	Aug 15 25.3	Jul 20 16.0	Jan 1 -0.2	Jan 1 -5.8
Blackford Hill	June 14 22.3	Aug 26 14.2	Dec 10 2.4	Jan 3 -3.0	Cambridge	—	—	—	—
East Craigs	June 14 22.6	Aug 15, 21 13.6	Dec 10 3.2	Nov 20 -3.4	Botanic Gardens	Aug 15 25.4	July 26 16.5	Jan 1 0.6	Jan 1 -6.7
Royal Botanic Garden	June 14 22.4	Aug 21 14.5	Dec 11 2.5	Mar 21 -3.0	N.I.A.B.	Aug 15 25.3	July 8 15.8	—	Jan 1 -5.0
Turnhouse	—	—	—	—	March	Aug 15 25.8	Aug 15 15.9	Jan 1 -0.2	Jan 1 -4.1
Airport	June 20, Aug 5 23.0	Aug 26 16.1	Jan 16 3.2	Nov 20 -4.1	Mepal	Aug 15 25.6	—	Jan 1 -0.3	Jan 1 -5.7
Penicuik	June 21 22.6	July 22 13.0	Dec 11 1.3	Nov 20 -4.6	Morka Wood	Aug 15 25.0	July 8 16.0	Jan 1 -0.1	Jan 1 -5.8
Roslin	Aug 5 21.7	Aug 24 13.5	Dec 11 1.9	Nov 20 -3.0	SCOTLAND W				
Dunbar	Aug 6 22.0	Aug 25 16.0	Dec 10 3.7	Dec 13 -2.7	Achlaglachach	June 21 25.3	Sept 13 13.9	Feb 13 3.4	Mar 3 -7.5
Haddington	June 14 22.7	Aug 25 16.3	Dec 10 3.2	Jan 11 -4.4	Aros	June 21 26.0	Aug 8 14.1	Dec 10 2.9	Nov 20 -4.0
Nunraw Abbey	June 21 21.8	Aug 25 13.4	Dec 11 2.0	Dec 13 -4.8	Benmore (Younger Botanic Gardens)	June 21 25.5	Aug 31 14.1	Feb 13 2.0	Nov 20 -4.3
Blythe	June 21 22.5	July 22, Aug 25 13.5	Feb 28 1.1	Jan 3 -6.4	Dunstaffnage	—	—	—	—
Lerthom	June 20 22.3	Aug 25 15.3	Feb 4 2.3	Jan 3 -5.1					
St Abbs Head	Aug 14 21.3	July 22 15.3	Jan 2 3.0	Jan 3 -5.4					
Whitcheater	June 30 21.9	Aug 25 13.7	Dec 11 0.3	Jan 3 -6.2					
Blyth Bridge	June 21 22.4	Aug 25 13.8	Nov 19 1.7	Nov 20					

Table 10 (continued)

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	
3 EAST ANGLIA - continued										
Wittering	24.3 July 20	18.2 Jan 1	-0.2 Jan 1	-5.2 Jan 1	Kew	June 20	25.0 Aug 15	17.0 Jan 1	1.2 Jan 1, Mar 3	-4.8
Wyton	25.5 July 8	16.8 Jan 1	0.0 Jan 1	-5.1 Jan 1	Petochrometer North Wall	June 20	25.0 Aug 15	17.0 Jan 1	1.2 Jan 1, Mar 3	-4.8
Brooks Barn	25.2 July 8	16.5 Jan 1	0.2 Jan 1	-4.0 Jan 1	Screen	June 20	28.1 Aug 15	17.1 Jan 1	1.7 Jan 1	-2.8
East Bergholt	26.5 Aug 15	17.0 Jan 1	— Jan 1, Mar 3	-4.2 Jan 1	St James Park	June 15, 20	25.5 —	— Jan 1	1.2 Mar 3	-0.5
Honington	25.4 Aug 15	18.8 Jan 1	0.2 Jan 1	-5.5 Jan 1	Southgate	July 8, 21	25.3 Aug 15	17.1 Jan 1	0.4 Jan 1	-2.8
Lowestoft	25.9 Aug 15	16.7 Jan 2	3.4 Jan 1	-3.7 Jan 1	Waddon	June 20, July 20, 21	25.0 Aug 15	17.0 Jan 1	1.0 Jan 1	-3.5
Wattisham	24.9 Aug 15	18.2 Jan 1	0.5 Jan 1	-2.8 Jan 1	Boscombe Down	June 15	24.9 Aug 15	15.5 Jan 1	1.2 Mar 6	-2.1
Cardington	25.8 Aug 15	16.6 Jan 1	0.9 Jan 1	-4.5 Jan 1	Lacock	June 16	—	—	— Jan 2	-5.6
Luton	25.5 Aug 15	15.5 Jan 1	0.9 Jan 1	-4.5 Jan 1	Larkhill	June 16	25.1 Aug 15	15.4 Jan 1	1.5 Mar 6	-3.3
Silsoe	24.6 July 8	16.1 Jan 1	0.6 Jan 1	-5.3 Jan 1	Lynnham	June 21	24.6 Aug 25	15.0 Jan 2	1.3 Jan 1	-4.5
Woburn	24.1 July 8	15.4 Jan 1	0.6 Jan 1	-5.5 Jan 1	Porton	June 21	25.0 July 20	14.8 Jan 1	1.0 Jan 1, Mar 6	-3.0
Aldenham School	25.9 July 20	16.2 Jan 1	0.1 Jan 1	-5.5 Jan 1	Upwot	June 21	25.2 Aug 24	15.3 Jan 1	0.7 Jan 1	-2.7
Garston	24.5 July 8	16.5 Jan 1	0.7 Jan 1	-3.4 Jan 1	Easthamstead	June 16	25.2 Aug 15	15.6 Jan 1	0.8 Jan 1	-5.7
Hoddesdon	25.0 July 8	17.0 Jan 1	0.9 Jan 1	-3.3 Jan 1	Hurley	June 16	24.8 July 20	16.3 Jan 2	2.6 Jan 1	-6.7
Rothamsted	24.3 July 8	15.4 Jan 1	-0.1 Jan 1	-3.6 Jan 1	Reading	June 16	25.0 July 20, Aug 15	15.9 Jan 1	1.2 Jan 1	-3.3
St Albans	24.1 July 20	16.1 Jan 1	1.5 Jan 1	-3.6 Jan 1	Shinfield	June 16	25.8 July 20, Aug 15	16.0 Jan 1	0.8 Jan 1	-4.2
Stanstead	—	—	—	—	Mickleham	July 21	24.3 Aug 15	17.0 Jan 1	—	-5.6
Abbotte	26.0 July 8	17.5 Jan 1	— Mar 3	-3.5 Jan 1	Witley	June 15	25.4 Aug 15	17.0 Jan 2	2.5 Jan 1	-5.2
Clacton-on-Sea	24.4 Aug 16	17.0 Feb 27	3.4 Mar 3	-0.9 Jan 1	Dover	—	—	— Jan 1	1.5 Mar 4	-1.3
Earls Colne	24.8 July 8	16.6 Jan 1	-0.2 Jan 1	-3.8 Jan 1	Dunegness	July 20	25.1 Aug 15	16.9 Jan 1	1.9 Mar 4	-2.7
Harlow	25.1 July 8	17.0 Jan 1	0.4 Jan 1	-4.2 Jan 1	East Malling	May 18	24.1 Aug 15	17.2 Jan 1	0.6 Jan 1	-3.5
Little Parndon	24.7 July 8	17.2 Jan 1	0.5 Jan 1	-3.5 Jan 1	Elmstone	Aug 16	25.9 July 20	15.8 Jan 1	1.2 Mar 7	-4.4
Maldon	25.6 Aug 1	16.7 Jan 1	1.3 Jan 1	-2.1 Jan 1	Faversham	June 14	25.4 Aug 15	16.7 Jan 1	0.5 Jan 1	-3.3
Shoeburyness	24.2 Aug 15	17.7 Jan 1, 2	2.4 Jan 1, 10	-1.7 Jan 1	Folkestone	July 20	24.8 Aug 15	16.1 Jan 1	1.2 Mar 7	-3.8
Southend	24.1 —	—	—	—	Gillingham	—	—	— Jan 1	1.0 Jan 1	-2.0
Stansted	24.7 July 8	16.3 Jan 1	-0.1 Jan 1	-4.8 Jan 1	Goudhurst	July 20	24.1 Aug 15	17.0 Jan 1	0.4 Mar 3	-4.2
Writtle	25.0 Aug 15	16.8 Jan 1	0.7 Mar 3	-6.3 Jan 1	Hadlow College	June 14	24.1 Aug 15	17.7 Jan 1	1.0 Mar 3	-4.3
4 MIDLAND COUNTIES										
Bradford	23.9 Aug 25	15.1 Jan 2	0.7 Jan 1	-6.2 Jan 1	Heine Bay	Aug 15, 16	24.0 Aug 15, 16	16.5 Jan 1	1.0 Jan 1	-2.0
Bramham	25.4 July 22	15.0 Jan 2	0.3 Jan 1	-3.8 Jan 1	Manston	Aug 16	24.8 Aug 16	16.3 Jan 1	1.5 Mar 4	-2.9
Huddersfield	—	—	—	—	Margate	Aug 16	25.0 —	— Jan 1	1.8 —	—
Oakes	23.8 Sept 13	14.0 Jan 2	-1.2 Jan 2	-5.7 Jan 2	Throwley	Aug 23	23.1 Aug 15	15.7 Jan 1	-0.2 Jan 2	-2.9
Ravensknowle	24.0 Aug 25	15.3 Jan 2	1.3 Jan 1	-6.0 Jan 1	Uxcomb	Aug 22	24.1 Aug 15	16.0 Jan 1	0.7 Jan 1	-3.3
Ilkley	24.0 July 20, 21	14.5 —	— Jan 2, Nov 20	-4.5 Jan 2	Wye	Aug 16	23.8 Aug 15	15.9 Jan 1	0.7 Jan 1	-3.2
Pontefract	23.5 July 22	15.2 Jan 1, 2	0.6 Jan 1	-4.4 Jan 1	Alice Holt Lodge	June 16	24.5 Aug 15	16.5 Jan 1	0.6 Jan 1	-4.1
Wilden	23.4 Aug 25	13.2 Jan 2	-0.6 Jan 2	-5.1 Jan 2	Everton	June 14	25.3 Aug 15	16.8 Jan 2	3.4 Jan 17	-2.9
Finningley	24.9 Aug 15	16.1 Jan 1	-0.4 Jan 2	-5.5 Jan 1	Hayling Island	June 14	25.1 Aug 15	17.5 Jan 1	3.5 Mar 5, 6, 7	-0.2
Sheffield	24.7 July 20, Aug 15	15.4 Jan 2	0.9 Jan 1	-3.0 Jan 1	Lackford	—	—	—	— Jan 1, Mar 3	-2.0
Aahover	23.4 Aug 15	15.1 Jan 2	0.0 Jan 1	-3.6 Jan 1	Long Sutton	June 16	24.2 Aug 15	16.4 Jan 2	1.7 Mar 3	-3.1
Buxton	21.6 Aug 25	13.6 Jan 2	0.8 Jan 1	-4.9 Jan 1	Merry Worthy	June 21	25.4 Aug 15	16.3 Mar 9	2.5 Oct 14	-2.7
Derby	24.8 July 8, Aug 15	15.7 Jan 2	1.5 Jan 2	-4.3 Jan 2	Southampton (Mayflower Park)	June 15	28.0 Aug 15	17.2 Jan 1	3.3 Mar 6	-1.1
Mackworth	24.0 —	—	— Mar 6	-4.3 Jan 1	South	—	—	—	—	—
Morley	23.5 —	—	— Mar 6	-3.4 Jan 1	Farnborough	June 16	25.5 Aug 15	16.6 Jan 1	1.0 Jan 1	-5.1
Wingerworth	23.4 July 22, Aug 25	14.5 Jan 1	-0.3 Jan 1	-5.7 Jan 1	Southsea	June 14	25.6 Aug 15	17.7 Jan 1, 2	4.0 Mar 5	0.2
Marfield	23.6 July 20, Aug 15	15.5 —	—	-5.7 Jan 1	Winchester	—	—	—	—	—
Newthorpe	23.9 Aug 15	15.5 Jan 1	0.8 Jan 1	-4.6 Jan 1	Ryde	June 15	23.9 Aug 15	16.5 Jan 2	3.8 Mar 5	-0.8
Nottingham	24.5 —	— Jan 1	0.6 Jan 1	-4.6 Jan 1	St Catharines	—	—	—	—	—
Sutton Bonington	23.8 July 20	15.7 Jan 1	-0.3 Jan 1	-5.7 Jan 1	Point	June 14	25.0 Aug 15	16.5 Jan 2	4.2 Jan 9	-0.7
Warsop	24.4 Aug 15	15.5 Jan 1	0.7 Jan 2	-5.6 Jan 1	Sandown	July 20	26.2 Aug 15	17.6 Jan 2, Mar 4	4.9 Mar 5	-0.1
Wetnall	23.8 July 20	15.7 Jan 2	-0.3 Jan 2	-4.9 Jan 2	Shanklin	June 14, July 20	24.1 Aug 15	17.1 Jan 2	3.9 Mar 5	-2.3
Keele	23.1 Aug 25, Sept 13	14.8 Jan 1	-0.6 Jan 2	-4.0 Jan 1	Ventnor	July 20	24.6 Aug 15	18.4 Jan 2	3.6 Mar 5	-0.6
Oaken	24.5 Sept 13	15.0 Jan 1	0.0 Jan 1	-6.0 Jan 1	Bognor Regis	July 20	25.4 Aug 16	17.0 Jan 1	3.5 Mar 5	-0.4
Penkridge	24.4 Aug 25	15.0 Jan 1	2.0 Jan 1	-4.5 Jan 1	Getwick Airport	June 15	24.3 Aug 15	17.3 Jan 1	1.2 Jan 1	-4.2
Stone	23.7 Sept 13	15.0 Jan 1	-0.3 Jan 1	-4.4 Jan 1	Littlehampton	July 20	26.4 Aug 15	17.0 Jan 1	3.0 Mar 6	-1.2
Caldecott	24.3 July 20	16.0 Jan 1	-0.5 Jan 1	-5.2 Jan 1	North Heath	June 15	25.2 —	—	—	—
Newtown Linford	24.2 Aug 15	14.5 Jan 1	-1.0 Jan 2	-5.7 Jan 1	Rogate	June 21	24.8 Aug 15	15.0 Jan 1	1.8 Jan 1	(-3.7)
Newport	24.6 Sept 13	15.5 Jan 1	1.0 Jan 1	-3.8 Jan 1	Thorney Island	June 14	25.3 Aug 15	17.4 Jan 2	2.8 Mar 6	-2.7
Oswestry	24.1 July 20	15.0 Jan 2	1.3 Jan 1	-4.0 Jan 1	Worthing	June 14	25.7 Aug 15	16.9 Jan 1	2.9 Mar 6	-2.4
Shawbury	25.6 Sept 13	15.7 Jan 1	1.0 Jan 1	-6.5 Jan 1	Bexhill	July 20	26.0 Aug 15	17.5 Jan 1	2.4 Feb 8	-1.5
Shrewsbury	24.9 Aug 15	16.0 Jan 1	1.3 Jan 1	-5.5 Jan 1	Bodiam	July 20	26.0 Aug 15	17.2 Jan 1	2.9 Mar 7	-4.1
Birmingham	—	—	—	—	Brighton	July 20	25.4 Aug 15, 16	17.3 Jan 1	2.5 Mar 6	-0.8
Edgbaston	23.9 July 20	15.8 Jan 1	-1.0 Jan 2	-3.5 Jan 2	Eastbourne	—	—	—	—	—
Elmdon	—	—	—	—	Wilmington Square	June 14	25.5 Aug 15	17.4 Jan 1	2.7 Mar 4	-0.6
Airport	24.4 July 20	16.2 Jan 1	-0.8 Jan 1	-5.6 Jan 1	East Hoathly	June 14, July 20	24.9 Aug 15	17.0 Jan 1	1.6 Jan 1	-4.2
King Edward	—	—	—	—	Hastings	July 20	24.8 Aug 15	17.4 Jan 1	2.0 Feb 8	-1.5
School	24.0 —	— Mar 9	2.5 Jan 2	-4.5 Jan 2	Plumpton	July 20, 21	24.6 —	—	— Jan 1	-6.0
Luddington	24.5 July 20, Aug 15	15.5 Jan 1	0.2 Jan 1	-4.8 Jan 1	7A ENGLAND NW & I.O.M.					
Moreton	—	—	—	—	Carlisle	June 21	26.4 Aug 15	15.6 Nov 19	1.6 Mar 3	-4.4
Morrell	24.7 July 20	15.6 Jan 1	0.3 Jan 1	-6.6 Jan 1	Carmel	June 21	24.7 Sept 13	14.0 Jan 2	1.9 Mar 3	-4.8
Rugby	24.3 July 8	15.7 Jan 1	-0.4 Jan 1	-5.8 Jan 1	Grizedale	June 21	26.8 —	—	— May 12	-6.9
Stigston-on-Sloar	23.6 July 20	15.6 Jan 1	0.0 Jan 1	-4.0 Jan 1	Haversham	June 21	25.5 Aug 25	15.3 Feb 28	1.1 Jan 1	-5.4
Stratford-on-Avon	27.0 —	— Jan 1	0.5 May 8	-5.5 Jan 1	Moor House	June 21	20.4 Aug 25	11.4 Jan 2	-2.3 Mar 3	-7.0
Wellesbourne	24.4 July 20, Sept 13	16.0 Jan 2	2.0 Jan 1, 2	-5.8 Jan 1	Newtion Rigg	June 21	25.2 July 22, Aug 25	14.5 Feb 28	1.4 Nov 20	-5.8
Bugbrooke Mills	24.7 —	—	— Jan 2	-6.0 Jan 1	Saillfield	June 21	24.0 Aug 15	15.4 —	—	—
Reunds	25.1 July 8	16.5 Jan 1	0.3 Jan 1	-5.1 Jan 1	Bairrig	June 21	24.8 June 21	15.3 Jan 2	1.9 Nov 20	-3.6
Ipsley (Svege Wa)	24.3 —	—	— Jan 2	-7.1 Jan 1	Helmsbore	June 21	22.9 Sept 13	13.7 Jan 1, 2	-0.1 Jan 1	-2.9
Lyonshall	24.0 July 31	14.5 Jan 1	-0.8 Jan 2	-5.0 Jan 1	Kirkham	June 21	25.2 Aug 15	15.5 Jan 1	1.4 Mar 3	-4.2
Malvern	25.7 July 31	16.2 Jan 1	-0.4 Jan 1	-5.4 Jan 1	Morescombe	June 21	26.2 Aug 15	15.6 Jan 2, Nov 19	2.2 Nov 20	-2.4
Pershore	—	—	—	—	Nelson	June 20	22.6 —	— Dec 10	1.4 Nov 20	-5.0
College of Hort	25.0 Aug 15	15.8 Jan 1	1.7 Jan 1	-5.7 Jan 1	Preston	June 21	25.1 Aug 16	15.2 Jan 2	1.8 Mar 3	-4.0
Royal Radar Est	25.3 Aug 14	16.1 Jan 2	1.5 Jan 1	-6.4 Jan 1	Sleighburn	June 21	23.0 July 21	14.8 Jan 2	0.4 Nov 20	-5.9
Preston Wynne	25.1 July 31, Aug 15	15.2 Jan 2	1.5 Jan 1	-5.3 Jan 1	Squire Gate	—	—	—	—	—
Ross-on-Wye	25.4 July 20	16.2 Jan 1	1.5 Jan 1	-5.1 Jan 1	Airport	June 21	26.8 Aug 15	16.0 Jan 2	1.2 Nov 18	-3.2
Cheltenham	25.0 Aug 15	16.1 —	— Jan 1	-3.5 Jan 1	Stonyhurst	June 21	25.5 Aug 30	14.3 Jan 2	1.2 Nov 20	-3.5
Gloucester	25.8 Aug 15	17.1 Jan 2	2.5 Jan 1	-5.7 Jan 1	Aighburth	June 21	25.6 Aug 15	15.6 Jan 1	2.3 Jan 1	-1.8
Hempsted	25.4 Aug 15	16.1 —	— Jan 1	-7.0 Jan 1	Southport	June 21	26.0 Aug 25	15.0 Jan 1	1.6 Nov 18	-2.5
Little	—	—	—	—	Speke Airport	June 21	25.4 Aug 25	15.5 Jan 1	1.6 Jan 1, 20	-2.1
Rissington	23.5 July 20	15.1 Jan 1	-0.9 Jan 2	-3.7 Jan 2	West Kirby Park	June 21	25.6 Aug 25	17.8 Jan 2	1.8 Mar 6	-1.9
Abingdon	25.3 Aug 14	15.9 —	— Jan 1	-4.8 Jan 1	Bolton	June 21	24.9 Aug 30	14.8 Jan 1	1.3 Jan 1	-4.0
Brize Norton	25.0 July 20	16.0 Jan 1	0.4 Mar 6	-4.5 Jan 1	Manchester	—	—	—	—	—
Latcombe Regis	25.5 Sept 13	15.0 Jan 1	0.6 Jan 1	-5.0 Jan 1	Ringway	—	—	—	—	—
Oxford	25.0 July 20	16.1 Jan 1	1.1 Jan 1	-5.1 Jan 1	Airport	June 21	25.3 Sept 13	15.5 Jan 2	0.7 Mar 3	-3.6
Shirburn	—	—	—	—	Rochdale	—	—	—	—	—
Model Farm	25.4 July 20	15.5 Jan 1	0.6 Jan 1	-3.4 Jan 1	Knutsford	June 21	25.2 Sept 13	14.9 Jan 1	1.1 Jan 1	-3.8
Wallingford	24.8 Aug 16	15.6 Jan 1	1.3 Jan 1	-5.1 Jan 1	Macclesfield	June 21	23.9 Sept 13	14.8 Jan 2	1.1 Mar 3	-2.5
Aylesbury	24.4 July 8	15.6 Jan 1	0.7 Feb 24	-7.5 Jan 1	Nass Gardens	June 21				

Table 10 (continued)

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
78 WALES N - continued				
Corson	June 21 25.4	July 20 14.2	Jan 2, Nov 21 2.2	Jan 1 -8.5
Howarden Bridge	—	—	Jan 2 1.7	Jan 1 (-3.3)
Loggerheads	June 21 23.6	Aug 25 16.4	Feb 28 2.2	Nov 20 -4.1
Prestryn	June 21 26.4	Aug 25 16.5	—	—
Rhyd	June 21 25.9	July 22 16.0	—	Jan 1 -1.2
Ruthin	—	Sept 12 15.1	Jan 2 3.5	Feb 5 -3.7
Cairns	June 21 28.5	July 8, 20, 31, Aug 15, 24, Sept 13 14.0	Jan 2 3.0	Jan 1, Mar 3, 6 -6.0
Lake Yrnywy	June 21 22.4	July 20 13.5	Jan 2 0.1	Jan 1 -5.5
Moel Cynnedd	June 21 23.1	Aug 15 13.4	Jan 2, Nov 21 0.5	Jan 1 -6.0
8A WALES S				
Aberporth	June 21 28.2	Aug 15 15.0	Jan 2 2.5	Mar 5 -1.2
Brynmaman	June 15, 21 24.5	Aug 14 15.5	Jan 2 1.6	Mar 5 -3.3
Carmarthen	—	—	Jan 2, Mar 9, 10 4.5	Mar 5 -4.5
Comysteyth	June 21 22.5	July 31, Aug 15 13.3	Jan 2 1.3	Mar 5 -4.2
Dale Fort	June 21 23.3	Aug 25 15.6	Mar 10 3.9	Mar 21 0.2
Egrynwen-Uchaf	June 21 22.8	—	—	—
Gogerddan	June 21 26.0	Aug 15 15.4	Feb 28 4.6	Jan 1 -3.0
Llany-Evan-Hen	June 21 22.9	Aug 15 13.6	Jan 2 2.5	Mar 5 -2.6
Millford Haven	—	—	—	—
(Conservancy Board)	June 21 22.9	Aug 15 15.5	Mar 10 3.9	Mar 5 -1.2
Orielton	June 21 23.4	July 31 15.1	Mar 9 4.7	Mar 5 -2.5
Travincod	June 21, 22 25.0	Aug 15 15.1	Jan 2 3.9	Jan 1, Mar 5 -4.0
Cenarth Mill	—	—	Jan 2 0.0	Mar 3 -6.0
Mumbles Head	June 12 23.9	July 31, Aug 14 16.0	—	Mar 5 -0.6
Neeth	June 21 25.3	Aug 15 15.9	Jan 2 4.2	Mar 5 -1.8
Penmaen	June 21 24.0	Aug 15 15.6	Jan 2 4.0	Mar 5 -1.5
Port Talbot	June 21 26.3	June 21 16.8	Jan 2 4.2	Mar 5 -3.5
Swansea	June 21 26.5	—	—	Mar 5 0.5
Llynon	June 21 23.5	Aug 15 14.4	Jan 1 1.7	Jan 1, Mar 6 -4.5
Porthcawl	June 21 25.5	—	Mar 10 4.0	—
Cardiff	June 21 25.3	—	—	Jan 1 -1.5
Rhosea	June 21 26.7	Aug 14 16.1	Jan 2 2.7	Mar 5 -2.4
Crumbland	June 21 23.3	Aug 15 14.2	Jan 2 0.6	Jan 1 -2.5
Newport	June 21 25.7	July 6 16.4	Jan 2 3.5	Jan 1 -2.2
Tradegar	—	—	—	Jan 1 -4.0
Usk	June 15, 21 25.0	—	Jan 1 2.0	Jan 1, Feb 26, Mar 3, 6 -6.0
8B ENGLAND SW				
Bath	June 21 24.8	Aug 15 15.5	Jan 2 2.0	Jan 1 -2.4
Filton	June 21 25.8	Aug 14 16.0	Jan 2 1.9	Jan 1 -4.0
Long Ashton	June 21 25.9	Aug 15 15.7	Jan 2 2.7	Jan 1 -2.4
Cannington	June 21 26.0	July 31 16.0	—	—
Downside Abbey	June 16 26.5	July 20 14.9	Jan 2 1.9	Mar 5 -3.0
Exton	June 21 23.7	Aug 14 14.9	Jan 2 0.7	Mar 6 -2.0
Hawkridge	June 22 22.5	Aug 25 13.6	Mar 10 1.0	Mar 6 -2.7
Hettlecombe	June 21 25.0	July 31 15.6	Mar 10 3.0	Mar 6 -3.2
Rodney Stoke	June 21 25.5	July 31 15.4	Jan 2 3.2	Feb 25 -3.2
Wincanton	June 15, 21 25.0	July 20 15.5	Jan 1, 2 3.0	Jan 2 -3.0
Yeovilton	June 15 25.8	Aug 14 16.3	Jan 2 2.2	Mar 5 -5.5
Bournemouth	—	—	—	—
Hurn Airport	June 14 25.4	July 20, Aug 14, 15 16.5	Jan 2 2.8	Jan 1 -4.2
Meyrick Park	June 14 25.1	Aug 15 16.4	Jan 1 4.2	Mar 6 -1.9
Christchurch	June 15 25.5	July 20 16.7	Feb 27 4.2	Mar 7 -4.0
Poole	June 14 25.2	July 20, Aug 15 16.4	Jan 1 3.9	Feb 25 -2.6
Portland Bill	—	—	—	—
(Coastguard)	June 14 24.2	Aug 14 15.7	—	Mar 3 -1.2
Swanage	July 20 24.0	Aug 15 16.4	Feb 27 4.4	Mar 5 -0.6
Weymouth	June 14 24.3	Aug 25 16.0	Jan 2 4.5	Mar 5 -1.4
Winfrith	June 14 24.5	Aug 15 16.1	Feb 27 4.5	Jan 1 -4.0
Chetdon Barton	June 21 23.4	Aug 14 16.1	Mar 10 2.9	Mar 5 -2.6
Exeter Airport	June 15 24.9	Aug 14 16.4	Mar 10 4.6	Mar 6 -2.7
Exmouth	June 12 23.7	—	—	—
Hactland Point	June 21 23.5	Aug 14 16.0	Mar 10 3.6	Jan 1 0.4
Newton Abbot	July 21 24.0	—	—	Jan 29 0.2
Plymouth	—	—	—	—
Mount Batten	June 14, 15 23.1	Aug 25 16.1	Feb 27 5.5	Mar 5 -1.9
The Hoe	June 15 23.5	Aug 25 16.2	Feb 27 5.1	Mar 5 -1.3
Slapton	June 14, 15 23.8	Aug 15, 25 16.2	Mar 9 4.6	Mar 2 -0.6
Starcross	July 30 23.4	July 20 16.2	Feb 27, Mar 9 5.2	Mar 6 -2.2
Tavistock	June 15 25.2	—	—	Jan 1 4.8
Teignmouth	June 14, July 21 23.8	—	—	Feb 27 5.3
Torbay	—	—	—	—
(Torquey)	July 21 24.2	Aug 15, 25 16.5	Mar 9 5.5	Mar 2 -0.6
Bestrest	June 15 22.7	Aug 25 14.6	Mar 10 3.5	Mar 5 -6.0
Bude	Jan 21 24.5	Aug 15 16.0	Mar 10 4.6	Mar 5 -2.8
Culdrose	June 15 21.9	Aug 25 15.7	Mar 10 5.2	Mar 5 -2.3
Elbridge	June 12 24.1	Aug 25 15.6	Feb 27 5.3	Mar 5 -3.2
CHANNEL ISLES				
Falmouth	—	—	—	Mar 10 5.8
Fowey	June 21 22.4	Aug 25 15.9	Mar 10 5.4	Mar 5 -1.6
Gwynnag Head	June 15 20.2	Aug 25 16.8	Mar 10 5.5	Mar 5 1.0
Lizard	June 12 21.7	Aug 25 16.1	Mar 9 6.1	Mar 5 0.7
Haywards	—	—	—	Mar 10 5.9
Panzance	June 21 21.7	Aug 25 16.6	Mar 10 6.0	Jan 1 -1.2
Rosawene	June 21, Aug 6 21.5	Aug 25 16.1	Mar 9 5.8	Mar 5 -1.7
St Austell	June 16 22.2	Aug 25 15.9	Mar 9 5.5	Mar 5 -0.7
St Mawgan	June 21 23.6	Aug 14 15.6	Mar 10 6.6	Mar 5 -1.8
Scilly	—	—	—	—
(St Marys)	Aug 20 21.5	Aug 25 16.0	Mar 10 6.2	Mar 4 2.4
NORTHERN IRELAND				
Aghaloo	June 23 24.5	Aug 6 14.0	—	—
Banagher	—	—	—	—
(Caugh Hill)	June 21, 22 22.5	July 8 13.5	Feb 5 2.6	Nov 20 -3.1
Coleraine	—	—	—	—
University	June 21 24.7	July 8 14.8	Feb 5 4.2	Nov 20 -4.3
Colleenree	June 22 25.4	—	—	—
Derrybeg Forest	June 21 24.0	July 8 14.3	Feb 5 3.1	Nov 20 -3.4
Garvagh Forest	June 21 24.3	July 8 14.3	Feb 28 3.6	Nov 20 -3.9
Loughmore Forest	June 21 23.7	July 8 14.0	Feb 5 3.2	Mar 5 -5.4
Monawly	June 21 24.6	July 8 14.7	Feb 5 2.9	Nov 20 -5.4
Somersal Forest	June 21 24.6	July 21 13.7	Feb 5 4.1	Nov 20 -3.6
Tread Point	June 21 26.2	Aug 8 14.4	Feb 5 4.0	Sept 28 -2.8
Aldergrove	—	—	—	—
Airport	June 21 23.9	July 8 14.4	Dec 11 3.3	Mar 2 -3.9
Altnahinch	June 21 22.6	July 8 13.0	Feb 5, 28, Dec 10 2.5	Jan 10 -3.0
Ballylumford	June 30 21.6	—	Feb 5, 28, Dec 9 4.5	Jan 27, Mar 21 -2.0
Ballypatrick Forest	—	—	—	Feb 28 3.1
Greenmount	June 21 23.8	July 8 13.3	Feb 5 4.2	Mar 3 -5.2
Kilroot	July 21 21.6	—	Feb 13 4.5	Mar 6 -2.2
Larne	June 21 22.8	July 8 14.6	Dec 9 4.3	Mar 6 -2.2
Lisnafellan	June 21 23.0	July 8 14.8	Feb 5 4.0	Mar 6 -5.4
Lowtown	June 21 20.8	July 8, Aug 31 12.8	Feb 5, Dec 9 2.0	Feb 14 -3.5
Malah	—	—	—	—
(Hyde Park)	June 21 21.5	—	—	Mar 6, Nov 16 -2.5
Parkmore	—	—	—	—
Forest	June 21 20.5	July 8 13.4	Feb 13 2.1	Feb 14 -3.6
Woodburn	—	—	—	—
North	June 21 20.5	Aug 24 13.6	Mar 1 2.0	Mar 6 -3.9
Milltown	June 21 24.3	July 22 14.8	Feb 5 4.4	Mar 2 -3.1
Newtownabbey	July 21 21.6	July 22 14.8	Mar 9 4.6	Mar 2 -1.2
Rosebank	June 21 23.3	—	—	Mar 9 4.4
Rosetta	June 21 23.4	Aug 31 14.0	Feb 28 4.5	Feb 14 -2.6
Stormont Castle	June 21 22.8	Aug 31 13.8	Mar 1 4.5	Mar 2 -1.6
Comber Cemetery	June 23 22.5	July 22 14.5	—	Feb 14, Mar 6 -3.0
Creighton	—	—	—	—
Green	June 21 23.0	—	Feb 13 3.0	Mar 2 -2.5
Downpatrick	June 21 23.2	—	Mar 1 6.0	Nov 20 -2.8
Helena Bay	June 21 21.7	July 22 14.4	Mar 1 4.3	Mar 2 -0.8
Hillborough	June 21 23.0	Aug 31 13.6	Feb 6 3.8	Mar 2 -2.4
Kilkeel	June 21 22.4	—	—	Feb 13, 14 -1.0
Murlough	June 21 23.2	—	—	Feb 6 5.0
Armagh	June 21 24.6	July 8 14.1	Feb 5 3.2	Mar 5 -3.1
Loughgall	June 21 24.3	July 8 14.6	Feb 5 4.1	Mar 5 -3.3
Lurgan	June 21 24.0	July 8 14.4	Feb 5 3.7	Mar 2 -3.3
Portadown	June 21 25.0	July 8 14.7	Feb 5 4.0	Nov 21 -3.2
Tandragee	June 21 25.8	—	—	Mar 5 -3.8
Carrigan	June 21 24.8	June 22 14.0	Feb 5 3.1	Mar 14 -4.2
Cookstown	June 21 25.7	—	—	Mar 2 -6.0
Lough Bradan	June 21 23.9	July 8 13.2	Feb 5 2.0	Mar 5, 14 -4.0
Powersoy Forest	June 21 22.5	July 8, Aug 31 13.2	Feb 5 2.3	Feb 14, Mar 2 -2.5
Strabane Convent	June 21 25.6	June 22 14.9	Feb 5 3.9	Nov 21 -3.6
Castle Archdale	—	—	—	—
Forest	June 21 23.2	July 8 14.0	Feb 5 3.5	Nov 19 -4.7
Corgery	June 21 24.0	June 22 13.2	Feb 5 4.0	Mar 5 -2.0
Knoakstown	June 21 25.7	July 8 14.2	Feb 18 4.2	Mar 4 -3.8
Lisrillakea	June 23, 24 24.0	June 22 14.3	Feb 5 3.5	Mar 4 -5.9
Lough Navar	—	—	—	—
Forest	June 21 23.9	July 8 13.4	Mar 9, Dec 9 3.8	Mar 5, 14 -4.0
Pubble Forest	June 21 24.1	—	—	—

Table 11 Number of days on which the duration of sunshine was between given limits in each month of 1974

Station	January					February					March					April					May					June				
	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr
Lerwick	20	9	2	0	0	14	8	4	2	0	9	7	3	8	4	9	7	4	6	4	6	11	4	3	7	4	4	7	7	8
Stornoway	16	13	2	0	0	7	15	5	1	0	1	10	7	12	1	3	4	5	6	12	4	7	5	11	4	0	9	8	7	6
Craibstone	14	7	8	2	0	9	9	5	5	0	8	11	5	3	4	6	5	6	5	8	3	6	6	7	9	4	3	6	7	10
Rothesay	17	9	4	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	9	5	9	7	-	-	-	-	-	-
Abbotsinch	13	15	2	1	0	10	11	5	2	0	8	10	9	3	1	2	3	10	7	8	3	10	5	4	9	0	7	4	8	11
Eskdalemuir	25	3	3	0	0	15	6	4	3	0	8	11	7	2	3	2	9	3	3	13	1	10	7	6	7	2	6	8	7	7
Douglas	14	9	8	0	0	12	6	5	5	0	4	12	5	8	2	2	3	5	5	15	5	5	4	8	9	2	4	2	6	16
Acklington	10	12	7	2	0	11	8	3	6	0	7	11	7	5	1	11	10	3	3	3	1	3	8	11	8	1	9	3	7	10
Gorleston	12	10	7	2	0	9	11	3	5	0	9	6	8	6	2	4	6	8	5	7	3	2	8	8	10	4	8	3	5	10
Cambridge (N.I.A.B.)	8	14	7	2	0	8	9	5	6	0	11	6	7	4	3	6	9	1	5	9	2	5	3	9	12	2	5	7	4	12
Edgbaston	12	12	5	2	0	8	13	6	1	0	10	10	2	7	2	4	11	2	9	4	1	9	10	4	7	4	9	3	4	10
Kew	10	15	4	2	0	10	9	3	5	1	9	5	8	5	4	1	12	3	7	7	1	6	6	6	12	3	7	3	3	14
Hastings	13	10	6	2	0	8	11	5	3	1	6	6	7	7	5	1	6	5	8	10	1	5	5	6	14	1	6	5	7	11
Southampton	11	13	5	2	0	4	16	4	3	1	8	6	7	8	2	2	5	5	7	11	1	5	5	8	12	2	6	4	7	11
Stonyhurst	13	13	4	1	0	11	12	3	2	0	3	12	8	5	3	3	6	6	5	10	1	7	11	6	6	0	10	6	3	11
Rhyl	8	16	6	1	0	6	15	3	3	1	6	12	6	4	3	4	9	7	6	4	2	6	12	3	8	0	13	4	5	8
Valley	8	17	6	0	0	6	11	7	3	1	4	9	7	9	2	1	3	4	5	17	3	5	9	4	10	1	3	5	6	15
Falmouth	10	17	4	0	0	10	4	9	5	0	7	10	5	6	3	3	4	7	6	10	3	4	8	4	12	4	8	1	5	12
Aldergrove	7	21	3	0	0	10	9	6	3	0	6	11	8	4	2	1	7	2	5	15	4	10	4	8	5	0	10	5	7	8
Armagh	7	21	3	0	0	4	15	7	2	0	5	11	9	6	0	2	4	7	6	11	4	8	9	8	2	0	14	5	5	6

Station	July					August					September					October					November					December				
	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr	sunless	0.1-3.0hr	3.1-6.0hr	6.1-9.0hr	> 9.0hr
Lerwick	4	7	6	8	6	4	10	5	4	8	2	8	11	7	2	6	13	8	4	0	9	16	5	0	0	16	14	1	0	0
Stornoway	0	15	7	4	5	2	9	7	7	6	2	6	11	9	2	5	12	10	4	0	4	22	3	1	0	15	16	0	0	0
Craibstone	1	8	8	6	8	1	11	7	6	6	4	9	7	6	4	7	12	7	5	0	6	17	6	1	0	8	9	14	0	0
Rothesay	4	9	7	6	5	4	11	7	4	5	6	7	6	9	2	6	8	10	6	1	5	19	3	3	0	12	18	1	0	0
Abbotsinch	3	7	6	9	6	3	11	5	8	4	5	9	6	9	1	5	12	6	7	1	10	14	5	1	0	10	17	4	0	0
Eskdalemuir	0	15	7	7	2	4	12	10	1	4	4	13	7	5	1	8	13	6	4	0	10	13	6	1	0	19	10	2	0	0
Douglas	5	7	5	5	9	1	8	8	6	8	7	5	5	10	3	9	5	9	6	2	12	8	6	4	0	10	14	7	0	0
Acklington	1	8	5	11	6	4	3	8	8	8	3	10	6	9	2	7	10	11	3	0	7	10	8	5	0	4	13	14	0	0
Gorleston	3	6	11	4	7	2	4	6	9	10	2	6	11	5	5	13	9	4	0	9	13	7	1	0	11	13	7	0	0	
Cambridge (N.I.A.B.)	2	3	8	8	10	2	3	8	10	8	2	4	9	10	5	6	12	5	7	1	9	12	8	1	0	9	14	8	0	0
Edgbaston	1	10	8	6	6	3	9	4	6	9	3	8	9	9	1	6	11	10	4	0	9	14	6	1	0	7	17	7	0	0
Kew	1	6	8	5	11	1	6	8	5	11	2	5	7	11	5	6	13	5	7	0	10	14	6	0	0	8	15	7	1	0
Hastings	2	8	6	8	7	0	7	3	10	11	1	7	7	10	5	5	10	8	8	0	8	15	4	3	0	11	12	8	0	0
Southampton	2	6	12	3	8	1	9	5	6	10	3	6	7	12	2	6	10	6	8	1	7	13	10	0	0	10	12	9	0	0
Stonyhurst	6	9	6	8	2	2	13	3	6	7	4	12	8	6	0	6	14	9	2	0	8	16	5	1	0	17	11	3	0	0
Rhyl	1	10	10	7	3	3	9	7	7	5	3	11	9	5	2	4	19	5	3	0	8	14	6	2	0	-	-	-	-	-
Valley	4	7	7	5	8	1	10	5	8	7	1	11	9	8	1	6	8	14	3	0	6	16	5	3	0	10	18	3	0	0
Falmouth	2	11	6	3	9	4	8	3	5	11	1	10	10	7	2	5	10	11	5	0	12	6	8	4	0	14	12	4	1	0
Aldergrove	3	11	7	7	3	2	10	6	9	4	6	10	6	5	3	5	10	8	6	2	5	13	10	2	0	12	17	2	0	0
Armagh	2	13	9	4	3	0	9	8	10	4	6	9	10	4	1	5	15	6	5	0	5	11	12	2	0	9	19	3	0	0

Table 1 Corrections

Year, Month and District	air temperature °C					mean 30-cm earth temp °C	rain-days	rainfall	sun-shine
	Highest Max.†	Lowest Min.†	max.	min.	mean				
	difference from average								
1973									
May 1 Scotland E				+0.1					
Nov. 3 England E					-1.3				
1974									
Jan. 2 England E & NE							-2		
5 England SE & Cen.S									85
6 Scotland W									61
Scotland									81
England & Wales									109

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

Correction: Table 1 Annual 1973:
Insert — (Minus) in front of data for rain-days

Correction: January 1974 Text:
Miscellaneous Phenomena, Para 1, Last sentence: Correct 'At Hurley' to read 'In the outskirts of Reading'.

Table 2 Additions

Year, month and 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
1974 January																		
Lerwick	54	29	1	3	21.0	31	37	27,29	1	3,6	16.8	31	60	29	2	3,6	24.0	31
Eskdalemuir	84	27	3	10	30.5	31	58	31	4	10	26.5	31	97	27	5	10	35.0	31
Cardington	179	29	15	2	76.4	31	39	28	17	2	51.3	31	—	—	—	—	—	—
London W/Cen.	159	29	11	2	63.0	31	88	31	9	2	43.9	31	167	29	15	2	74.0	31
Kew	163	29	10	2	65.1	31	81	28	10	2	46.6	31	191	29	13	2	72.0	31
Easthampstead	182	29	26	10,21	71.0	31	76	27	22	10	48.3	31	162	30	30	5	81.0	31
Aberporth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport	221	29	16	2	87.8	31	97	28	16	2	61.8	31	243	29	19	2	103.3	31
February																		
Lerwick	214	26	7	15	65.0	28	112	25	7	15	43.5	28	253	26	8	15	76.1	28
Eskdalemuir	254	23	14	1	87.6	28	101	19	14	1	60.3	28	296	23	17	1	98.4	28
Cardington	299	24	32	17	115.4	28	133	20	32	17	74.6	28	—	—	—	—	—	—
London W/Cen.	281	24	25	8	112.3	28	134	28	25	8,11	67.4	28	307	24	36	8	130.3	28
Kew	295	24	31	11	123.2	28	151	28	31	11	73.3	28	358	24	41	11,18	143.1	28
Easthampstead	313	24	35	11	121.8	28	137	28	33	10,11	76.7	28	343	24	42	11	137.0	28
Aberporth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport	322	26	55	19	166.7	28	151	20	53	10	102.4	28	351	26	70	10	195.7	28
March																		
Lerwick	432	31	19	16	199.8	31	225	24	19	16	104.6	31	493	31	16	23	230.5	31
Eskdalemuir	454	29	27	25	179.6	31	194	23	27	25	117.6	31	500	29	34	25	199.4	31
Cardington	452	31	33	24	206.7	31	207	25	32	24	132.7	31	—	—	—	—	—	—
London W/Cen.	487	31	35	24	191.5	31	195	20	26	24	115.1	31	576	31	47	24	201.3	31
Kew	473	31	28	24	216.9	31	215	20	28	24	128.1	31	549	31	39	24	253.8	31
Easthampstead	500	31	40	24	221.7	31	205	20	38	24	133.4	31	542	31	49	24	253.1	31
Aberporth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport	472	19	29	15	246.3	31	257	24	29	15	139.4	31	532	19	41	15	283.2	31
April																		
Lerwick	530	29	116	14	304.0	30	308	30	115	14	202.7	30	618	29	147	14	358.1	30
Eskdalemuir	582	14,19	57	11	390.0	30	300	20,22	58	11	197.1	30	676	14	72	11	440.9	30
Cardington	606	30	104	17	325.1	30	332	22	103	17	209.1	30	—	—	—	—	—	—
London W/Cen.	596	14	77	17	328.1	30	298	29	73	17	196.3	30	724	14	107	17	398.3	30
Kew	570	16	76	17	344.7	30	329	20	76	17	204.6	30	737	14	99	17	408.8	30
Easthampstead	629	14	107	17	386.5	30	294	29	103	17	217.7	30	768	16	145	17	470.4	30
Aberporth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport	702	24	290	22	482.7	30	288	28	156	14	234.2	30	800	24	337	22	527.2	30
May																		
Lerwick	756	16	60	14	378.7	31	394	31	60	14	241.6	31	874	16	85	14	449.1	31
Eskdalemuir	713	26	121	9	424.1	31	383	30	120	9	259.3	31	905	26	149	9	498.6	31
Cardington	797	30	103	4	485.5	31	407	31	103	4	285.3	31	—	—	—	—	—	—
London W/Cen.	765	30	75	4	446.9	31	356	25	74	4	247.6	31	886	29	109	4	537.4	31
Kew	802	29	67	4	484.1	31	363	27	67	4	265.3	31	969	29	90	4	589.9	31
Easthampstead	784	29	81	4	480.9	31	368	12	79	4	268.3	31	947	29	108	4	591.5	31
Aberporth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport	758	17	146	4	539.8	31	391	28	123	15	250.3	31	909	17	179	4	648.7	31

Table 1: Addition and subtraction

Addition		Subtraction	
Problem	Answer	Problem	Answer
12 + 5 =	17	17 - 5 =	12
23 + 4 =	27	27 - 4 =	23
34 + 6 =	40	40 - 6 =	34
45 + 7 =	52	52 - 7 =	45
56 + 8 =	64	64 - 8 =	56
67 + 9 =	76	76 - 9 =	67
78 + 10 =	88	88 - 10 =	78
89 + 11 =	100	100 - 11 =	89

Table 2: Addition and subtraction

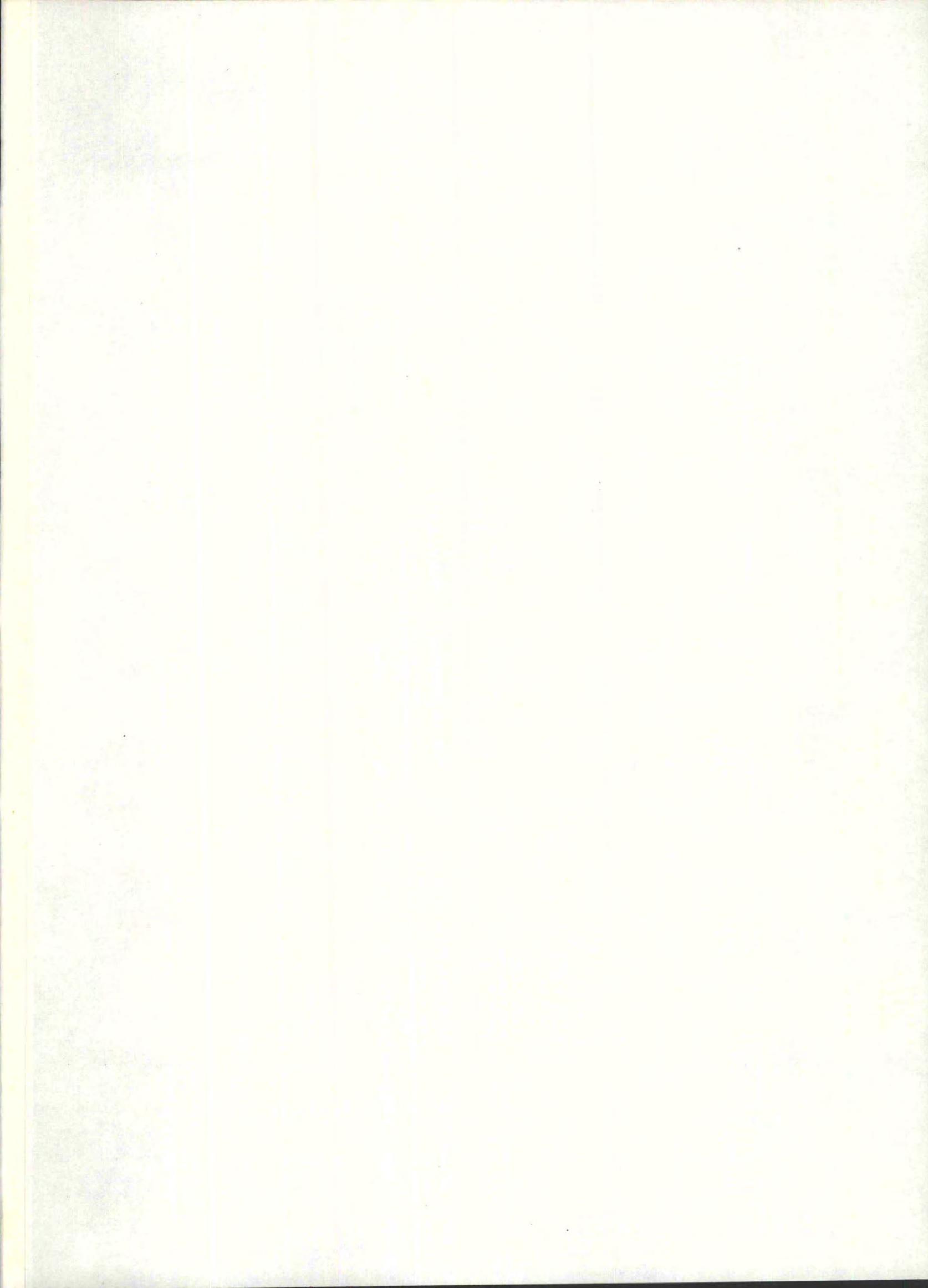
Addition		Subtraction	
Problem	Answer	Problem	Answer
100 + 10 =	110	110 - 10 =	100
200 + 20 =	220	220 - 20 =	200
300 + 30 =	330	330 - 30 =	300
400 + 40 =	440	440 - 40 =	400
500 + 50 =	550	550 - 50 =	500
600 + 60 =	660	660 - 60 =	600
700 + 70 =	770	770 - 70 =	700
800 + 80 =	880	880 - 80 =	800
900 + 90 =	990	990 - 90 =	900

Table 3: Addition and subtraction

Addition		Subtraction	
Problem	Answer	Problem	Answer
1000 + 100 =	1100	1100 - 100 =	1000
2000 + 200 =	2200	2200 - 200 =	2000
3000 + 300 =	3300	3300 - 300 =	3000
4000 + 400 =	4400	4400 - 400 =	4000
5000 + 500 =	5500	5500 - 500 =	5000
6000 + 600 =	6600	6600 - 600 =	6000
7000 + 700 =	7700	7700 - 700 =	7000
8000 + 800 =	8800	8800 - 800 =	8000
9000 + 900 =	9900	9900 - 900 =	9000

Table 4: Addition and subtraction

Addition		Subtraction	
Problem	Answer	Problem	Answer
10000 + 1000 =	11000	11000 - 1000 =	10000
20000 + 2000 =	22000	22000 - 2000 =	20000
30000 + 3000 =	33000	33000 - 3000 =	30000
40000 + 4000 =	44000	44000 - 4000 =	40000
50000 + 5000 =	55000	55000 - 5000 =	50000
60000 + 6000 =	66000	66000 - 6000 =	60000
70000 + 7000 =	77000	77000 - 7000 =	70000
80000 + 8000 =	88000	88000 - 8000 =	80000
90000 + 9000 =	99000	99000 - 9000 =	90000



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