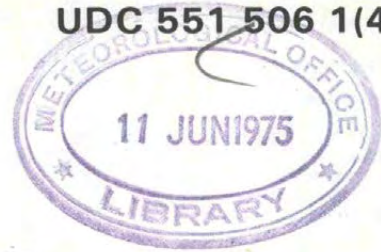


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THE METEOROLOGICAL OFFICE

**MONTHLY  
WEATHER  
REPORT**

VOLUME 91

**1974**

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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.

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



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

## Contents of the Monthly Weather Report

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



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

r = rain days  
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 raingauge stands. In general it may be assumed that observations of other elements, with the occasional exception of sunshine, are made in the immediate vicinity of the raingauge. Notable exceptions occur at Sourhope and Ventnor where all observations other than rainfall are made at 274 metres and 60 metres(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/m<sup>2</sup> (1000 dynes/cm<sup>2</sup>). Barometer readings are corrected for local conditions of gravity, temperature and elevation so as to obtain values of air pressure at MSL. The averages of atmospheric pressure at MSL at 09h used in this table refer to the period 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>Ballywatticoek</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>Carmoney</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>Cwmystadrlllyn</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>Tieveenny</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)
Brynamman	(Dyfed)	Llety-evan-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

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**JANUARY 1974**  
VOLUME 91 NUMBER 1

## 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

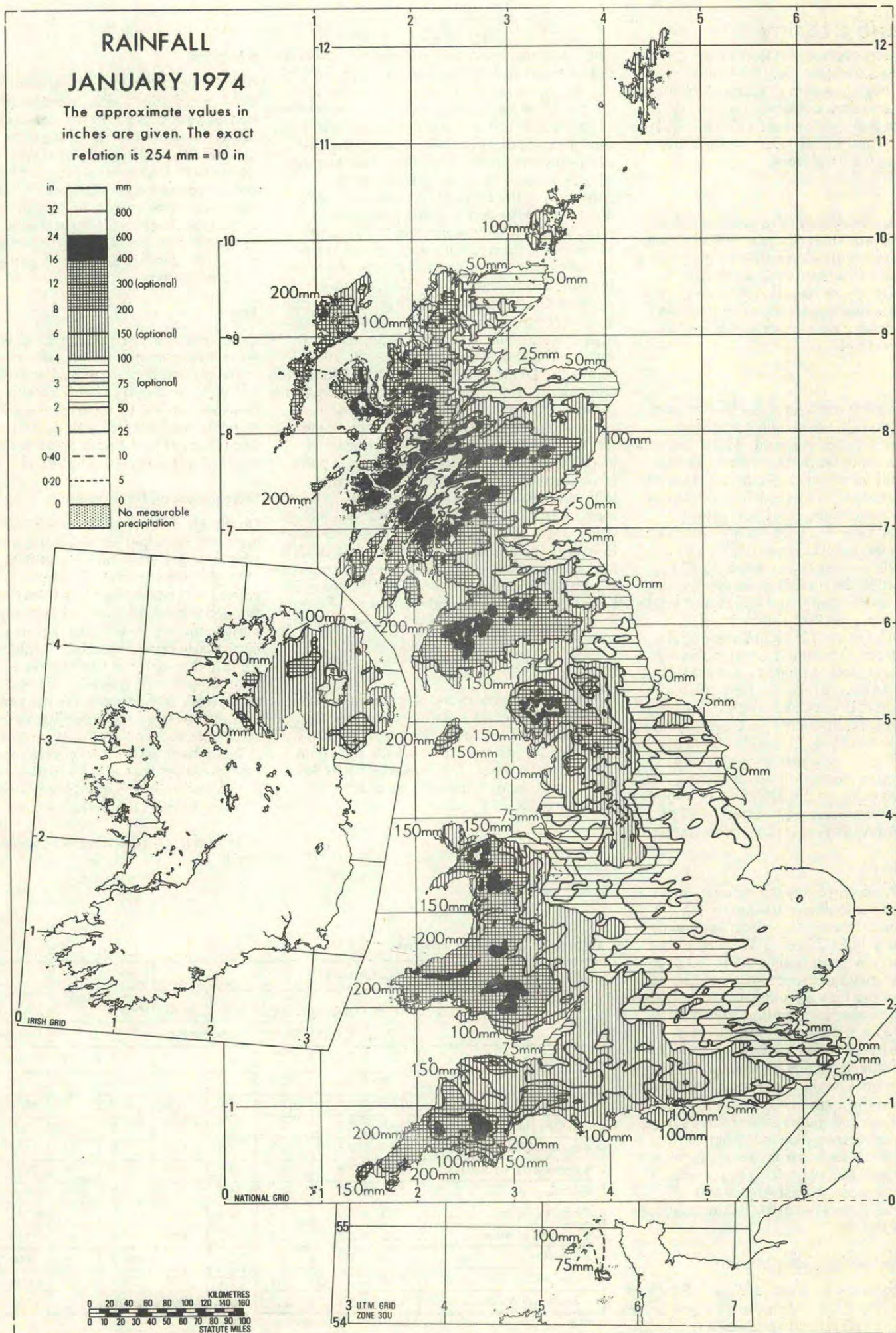
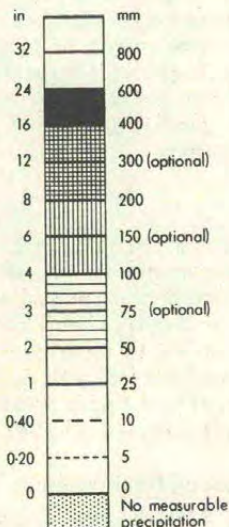
\*Highest maximum and Lowest Minimum of District Value Stations



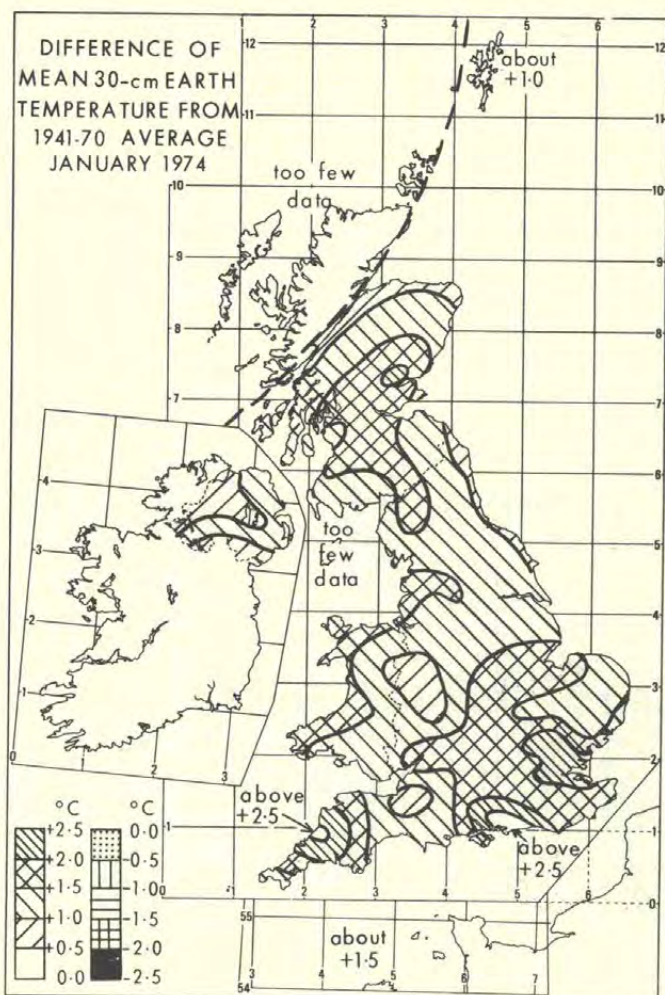
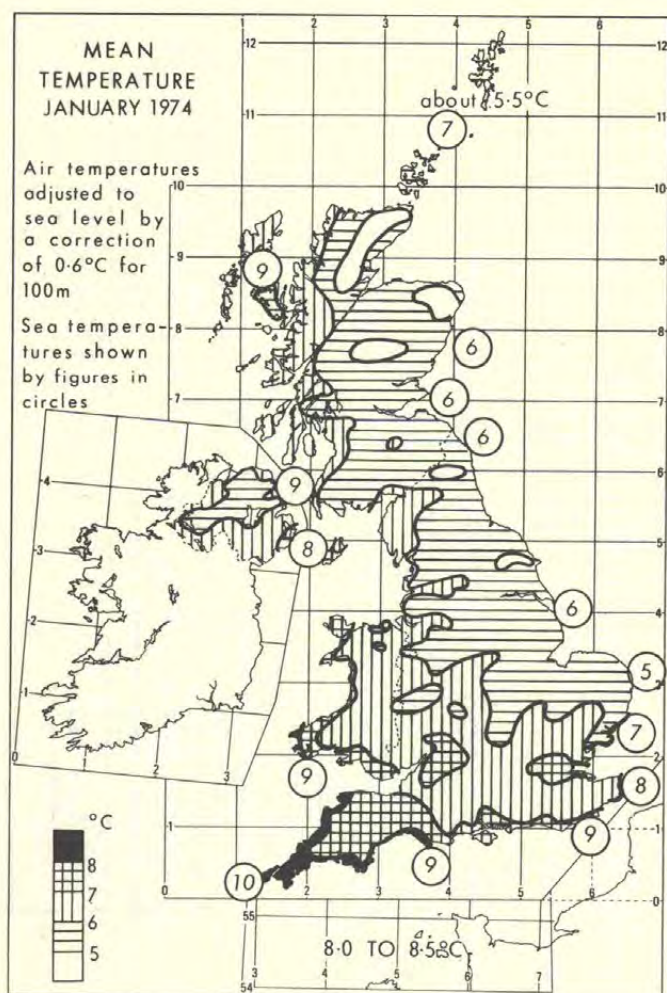
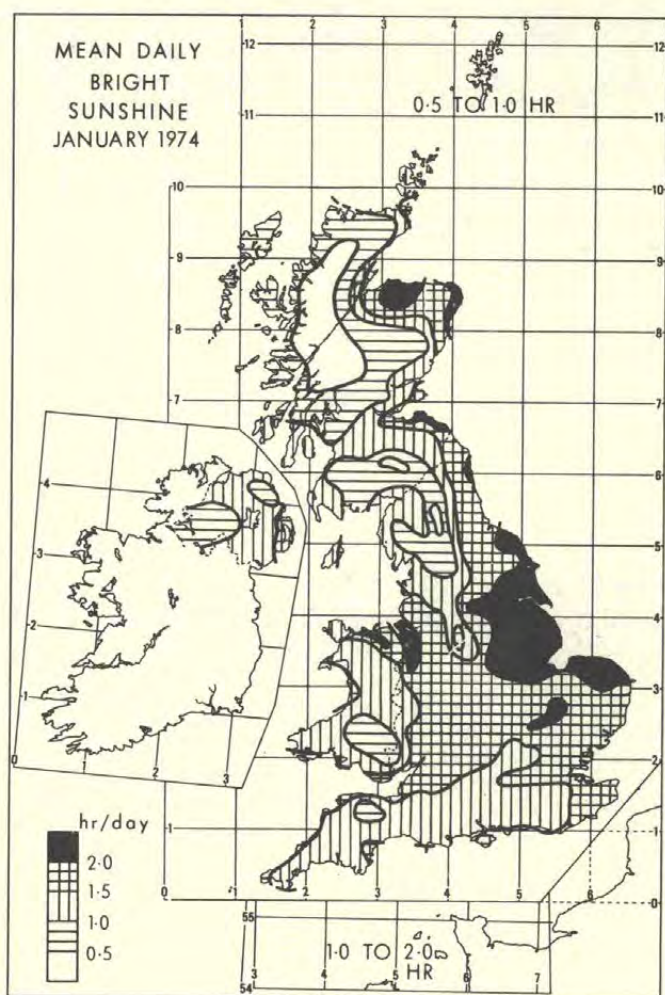
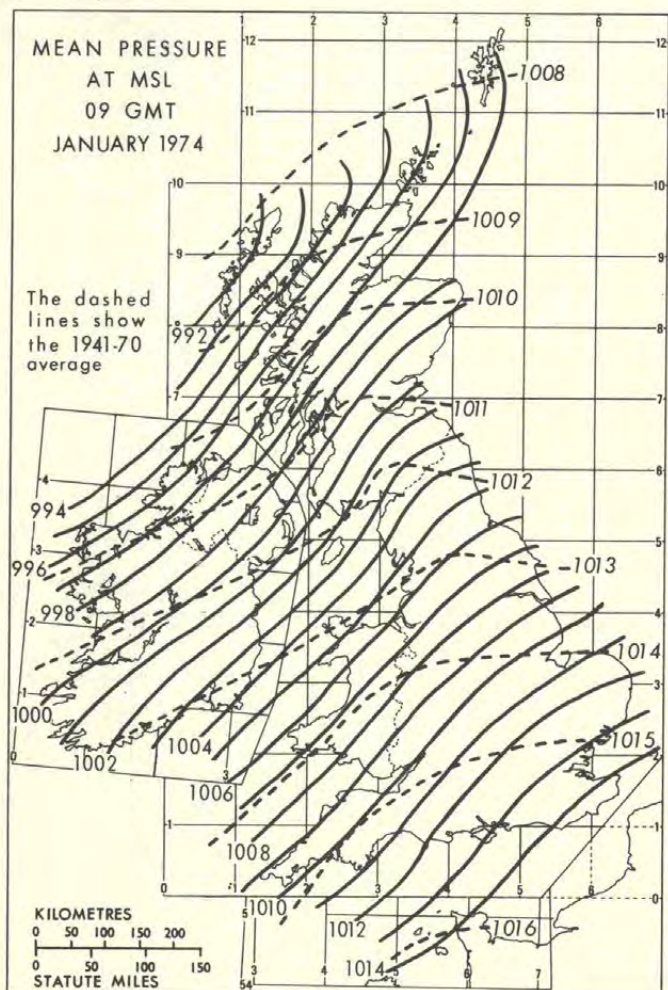
# RAINFALL

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

JANUARY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HOURS) 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	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 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 SCOTLAND N																																	
ZETLAND																																	
BALASOUND ...	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	-	-	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	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	2	2	0	0	0	7	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	13	0	0	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	-	-	-	-
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	4	11	5	2	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	0	1	0	0	0	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	2	2	8	0.83	-	-	-	-
LAIRD ...			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	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	4	4	0.97	96	-	-	-
ROSS & CROMARTY																																	
ACHNASHELLACH ...	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	3	-	-	3	-	-	-	-	-
BALMACARA ...	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	2	-	-	-	-	-
CONTINICRAIG(DARRACH) ...	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	16	21	-	1	-	-	-	-	
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	-	-	-	-	-
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	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	1	16	9	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	9	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	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	11	28	-	0	-	-	-	-	-
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	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	-	-	-	-	-
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	12	18	-	4	0.52	-	-	-	-
GLENMORE 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	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	-	-	-	-	-
LAGGANLIE ...	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	7	17	-	8	-	-	-	-	-
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	-	-	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	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	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	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	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	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	23	-	2	1.89	-	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL 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 (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION SPEED	WIND GUST	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													
I SCOTLAND E -CONTINUED																															
ABERDEEN																															
ABERDEEN																															
DYCE AIRPORT ...	21-9	58	7.2	2.1	4.7	+2.4	13.8	18	-2.6	22	-	-	125	-	23	16	19	14	1	1	0	2	0	0	8	18	15	6	2.01	125	-
MANNOFIELD ...	9-9	52	7.4	2.3	4.9	+2.4	13.8	18	-1.0	9	-	-	125	170	20	16	19	14	1	1	0	0	0	0	1	11	11	0	1.99	122	-
BALMORAL ...	9-9	283	6.5	0.9	3.7	+3.2	11.7	18	-3.2	22	-	-	255	332	39	11	22	19	5	3	0	0	0	0	11	23	0	0	0	-	-
BRAEMAR ...	9-9	339	-	1.0	-	-	-	-	-5.5	3	-	-	285	347	44	11	25	24	3	3	0	0	0	0	7	19	-	0.66	84	-	
CRAIBSTONE ...	9-9	91	7.2	1.8	4.5	+2.1	13.6	18	-2.8	28	3.7	4.5	105	131	19	16	17	15	3	1	0	0	0	1	6	22	1	1.91	114	-	
DINNET ...	9-9	177	6.9	1.3	4.1	-	12.1	18	-2.2	22	3.1	-	140	-	21	11	21	14	-	-	0	0	0	0	11	21	-	-	-	-	
FRASERBURGH ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FYVIE CASTLE ...	9-9	66	7.5	0.5	4.0	-	13.0	18	-4.0	1	-	-	106	130	19	16	20	17	2	2	0	0	0	0	15	23	-	-	-	-	
GARTLY ...	9-9	146	7.1	1.5	4.3	-	12.7	18	-1.8	10	-	-	87	-	25	16	17	12	-	-	-	-	-	6	20	-	-	-	-	-	
INVERURIE SEWAGE WORKS ...	9-9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINCARDINE																															
BANCHORY ...	8-8	77	7.3	2.4	4.9	-	13.5	18	-1.7	20	-	-	190	-	28	10	20	15	5	1	0	2	1	0	4	15	12	5	1.73	-	-
FETTERCAIRN ...	9-9	171	-	1.2	-	-	-	-	-4.5	12	-	-	153	-	25	29	22	19	2	2	0	0	0	1	10	28	-	2	0.92	56	-
STONEHAVEN ...	9-9	4	7.8	-	-	-	13.5	18	-	-	-	-	121	-	20	16	15	15	1	0	0	0	0	0	-	-	-	0	1.68	104	-
ANGUS																															
ARBROATH ...	9-9	28	7.5	3.2	5.3	-	13.7	18	0.11	30	-	-	59	-	11	29	18	12	1	0	0	0	0	0	0	5	-	1	1.30	74	-
BUDDON NESS ...	9-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNDEE ...	9-9	45	7.8	2.6	5.2	+2.6	11.7	18	-1.1	3	3.4	-	92	144	16	29	22	15	2	1	0	0	1	1	0	2	18	3	1.38	83	-
MONTROSE ...	9-9	57	7.3	2.4	4.9	-	13.0	18	0.0	1.9	-	-	93	143	21	29	19	14	1	0	0	0	0	0	0	0	23	7	-	-	
MYLNEFIELD ...	9-9	30	8.0	2.5	5.3	-	12.7	19	-1.2	3	4.2	5.6	98	-	14	9	23	16	1	1	0	1	0	0	3	20	-	1	1.27	-	-
USAN ...	21-9	30	7.2	3.6	5.4	-	12.6	18	0.5	9	-	-	72	-	12	29	17	15	1	0	0	0	0	1	0	7	8	1	1.48	-	-
WHITEHILLOCKS ...	9-9	258	6.2	1.1	3.7	-	12.0	18	-2.5	22	-	-	424	-	56	10	25	23	5	2	0	0	0	4	12	17	-	-	-	-	-
PERTH																															
ABERFOYLE ...	9-9	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARDTALNAT ...	9-9	130	7.2	2.6	4.9	-	10.9	18	-2.0	3	-	-	448	-	58	4	28	26	3	2	0	0	0	1	1	18	-	2	0.43	-	-
ASHINTULLY CASTLE ...	9-9	341	5.0	0.1	2.5	-	10.5	18	-3.5	3	-	-	250	-	31	29	26	24	9	6	0	0	0	4	16	23	-	-	-	-	
BLAIRGOWRIE ...	9-9	70	7.4	1.9	4.7	-	13.4	18	-1.8	3	3.1	-	145	-	29	27	19	3	16	0	0	0	0	0	7	20	-	1	0.92	-	-
CALLANDER ...	9-9	107	6.9	1.9	4.4	-	11.0	17	-2.0	3	-	-	342	-	39	17	27	26	7	4	0	0	0	0	3	15	-	-	-	-	
DALL ...	9-9	232	6.5	0.6	3.5	-	10.2	18	-2.5	3	-	-	438	-	43	4	29	25	14	6	0	0	0	16	19	-	6	-	-	-	
DRUMMOND CASTLE ...	9-9	113	7.5	1.2	4.3	-	12.5	18	-4.71	3	4.1	-	259	-	38	29	27	24	3	1	0	0	1	9	19	-	1	0.66	-	-	
DUNBLANE ...	9-9	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FASKALLY ...	9-9	94	7.1	1.2	4.1	-	12.2	18	-1.3	15	3.2	4.5	236	-	23	29	29	24	7	1	0	0	0	1	11	21	-	0	-	-	
GLENGARIES ...	9-9	152	7.7	1.5	4.6	-	10.8	4	-4.3	3	-	-	212	-	43	29	26	24	3	2	0	1	0	8	16	-	6	0.78	-	-	
KINDROGAN ...	9-9	259	5.5	0.0	2.7	-	11.0	18	-3.0	10	-	-	268	-	29	4	28	23	12	11	0	2	1	1	16	23	-	0	-	-	
PERTH ...	9-9	23	8.6	2.8	5.7	+3.5	13.7	5	-3.0	3	-	-	134	191	18	29	23	21	1	0	0	0	0	1	3	20	-	0	0.92	72	-
PITLOCHRY ...	9-9	144	6.9	1.4	4.1	-	11.6	18	-1.6	3	-	-	225	-	22	29	29	24	4	2	0	0	0	0	10	24	-	0	0.85	-	-
STRATHALLAN ...	9-9	41	8.2	2.5	5.3	-	12.2	4	-4.0	3	-	-	143	-	27	29	24	19	5	1	0	1	0	0	3	20	-	3	-	-	-
KINROSS																															
KINROSS ...	9-9	116	8.0	1.9	4.9	-	11.8	17	-2.4	2	4.3	-	109	-	19	29	25	21	-	0	-	-	-	6	19	-	-	0.99	-	-	
FIFE																															
BELLISTON ...	9-9	82	7.6	2.6	5.1	-	11.8	18	-3.0	3	-	-	37	-	10	16	15	12	1	0	0	0	0	1	2	14	-	1	-	-	
GLENROTHES (GLENWOOD) ...	9-9	117	7.7	2.1	4.9	-	11.1	4	-2.1	3	-	-	68	-	11	16	23	17	-	-	-	-	-	5	21	-	-	1.16	-	-	
KIRKCALDY ...	9-9	32	8.6	2.8	5.7	+3.0	12.0	30	-0.5	8	-	-	49	-	11	14	20	15	1	0	0	0	0	0	2	17	-	2	1.53	109	-
LEUCHARS ...	21-9	10	7.8	3.2	5.5	+2.6	13.5	18	-1.4	3	-	-	87	152	15	29	21	14	4	0	1	2	0	0	6	13	12	4	1.63	93	-
PITREAVIE ...	21-9	40	8.0	3.8	5.9	-	12.0	4	-2.3	3	-	-	46	-	7	5	22	15	1	0	0	0	0	0	1	12	11	6	-	-	-
ST ANDREWS ...	9-9	18	8.0	3.3	5.7	-	12.6	18	-1.4	3	4.0	5.4	74	122	14	29	18	11	4	0	0	2	0	0	1	16	-	1	1.53	-	-
WEST LOTHIAN																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 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 CH DEGREES C	100 CH 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	GROSS MIN. C BELOW 0 DEG C	GROSS MAX. C BELOW 0 DEG C	ORAL	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													
6A SCOTLAND W																															
ARGYLL																															
ACHAGLACHGACH ...	9 9	12	8.6	3.4	6.0	-	10.7	5	-0.6	3	-	-	293	-	27	31	26	30	26	-	1	-	-	-	0	2	15	-	-	-	-
AROS ...	9 9	37	8.8	3.5	6.1	-	12.0	4	-0.5	16	-	-	426	-	39	26	29	27	2	1	0	-	-	0	0	1	12	-	-	-	-
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	8.3	3.2	5.7	-	11.3	18	-0.7	10	-	-	457	-	73	17	30	26	4	1	2	4	0	0	4	18	-	4	-	-	-
COLONSAY ...	9 9	30																													
DUNSTAFFNAGE ...	9 9	3	8.7	3.8	6.3	-	11.7	4	0.0	28	-	-	321	-	42	17	31	27	3	0	1	4	0	0	0	10	-	3	-	-	-
GLENBRANTER ...	9 9	24	8.3	1.8	5.1	-	11.5	18	-1.2	1	-	-	494	-	63	17	31	28	8	0	1	4	0	0	7	15	-	6	-	-	-
KNOXDALE FOREST ...	9 9	40	8.3	3.2	5.7	-	11.0	4	0.2	17	-	-	268	-	29	4	27	27	1	0	0	0	0	0	0	16	-	1	-	-	-
MACHRIHANISH ...	21-9	10	8.3	4.6	6.5	-	10.6	4.18	0.5	10	-	-	190	-	17	6	26	25	1	0	0	5	0	0	0	8	5	12	1.1E	-	-
POLLOCH ...	9 9	10		3.3	-	-			-0.2	28	-	-	447	-	39	4	29	29	2	0	0	2	1	1	1	14	-	1	-	-	-
PORT ELLEN ...	9 9	18	8.9	3.7	6.3	-	(10.5)	5	0.7	17	-	-	162	-	15	16	28	25	-	0	-	-	-	0	0	0	-	-	-	-	-
RHUVAR ...	21-9	20	8.5	4.0	6.3	-	11.1	18.19	0.3	9.16	-	-	323	-	27	29	27	2	0	0	2	1	1	0	4	1	14	-	-	-	-
TREE ...	21-9	9	8.2	5.1	6.7	+1.6	10.6	18	0.0	16	-	-	230	200	22	11	29	27	1	0	1	14	4	0	0	3	3	16	0.66	49	-
BUTE																															
BRODICK CASTLE ...	9 9	15	8.7	4.3	6.5	-	10.8	4	1.3	4	5.7	-	293	-	41	29	30	29	2	0	0	2	0	0	0	10	-	10	-	-	-
KILDONAN ...	21-9	18																													
ROTHESAY ...	9 9	43	8.2	3.6	5.9	-	10.0	4.11.18	0.0	3.17	4.9	5.6	226	-	27	17	27	27	1	1	0	1	0	0	0	9	-	1	1.02	-	-
DUNBARTON																															
ARROCHMORE ...	9 9	37	8.1	3.0	5.5	-	11.4	18	-1.5	3	-	-	299	-	57	17	29	27	-	0	-	-	-	0	2	15	-	-	0.75	-	-
CUMBERNAULD ...	9 9	94	7.5	2.1	4.8	-	10.5	4.5	-4.5	3	-	-	176	-	43	17	26	25	4	0	0	0	0	0	4	8	-	-	-	-	-
FINNART ...	9 9	15				-					-	-	431	-	93	17	30	27	1	0	0	0	0	0	1	-	-	-	-	-	-
HELENSBURGH ...	9 9	89	7.6	2.9	5.3	+2.6	10.5	4	-1.5	3	-	-	265	-	45	17	29	26	4	1	5	1	2	0	3	-	23	0.83	-	-	-
SLOY ...	21-9	12	7.6	4.1	5.9	-	11.8	18	-0.2	3	-	-	680	-	138	17	31	27	5	-	1	0	0	0	0	1	-	-	-	-	-
STIRLING																															
EARLS HILL ...	21-9	335	5.4	0.9	3.1	-	8.6	4.18	-5.0	3	-	-	-	-	-	-	-	-	9	-	0	2	0	3	11	17	17	0.55	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	8.8	2.7	5.7	-	12.0	4	-3.7	3	-	-	103	-	22	29	24	21	1	0	0	0	0	0	4	-	1	1.34	-	-	-
GRANGEMOUTH																															
B.P. REFINERY ...	9 9	2	9.0	3.3	6.1	-	12.5	4.5	-2.3	3	-	-	81	-	15	29	24	22	-	-	-	-	-	1	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9 9	4		3.2	-	-			-2.5	3	-	-	98	-	17	29	22	20	-	14	-	-	-	0	1	10	-	-	-	-	-
PARKHEAD ...	9 9	107		2.4	-	-			-2.8	3	3.7	-	150	-	29	29	26	25	-	0	-	-	-	1	4	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	8.2	2.9	5.5	-	11.6	4	-4.4	3	4.4	5.2	176	-	37	29	27	23	5	0	0	2	0	0	4	15	-	1	0.95	-	-
RENFREW																															
ABBOTSLINCH AIRPORT ...	21-9	5	8.0	4.1	6.1	+3.0	11.4	4.11	-2.0	3	-	-	179	-	35	29	26	24	8	0	3	0	0	0	3	6	7	6	0.89	77	-
BARRHEAD ...	9 9	30	8.5	3.1	5.8	-	11.0	4.11.18	-2.5	3	-	-	271	248	70	17	26	25	5	0	0	5	0	0	2	11	-	7	-	-	-
GREENOCK ...	9 9	61	7.8	3.5	5.7	+2.0	10.7	4	-1.0	3	-	-	356	223	55	17	27	27	1	0	0	0	1	0	1	4	-	3	0.72	84	5
PAISLEY ...	9 9	32	8.3	3.7	6.0	+2.6	11.0	4.11	-0.8	3	4.7	6.2	219	203	37	29	26	25	3	0	0	2	0	0	1	7	-	5	0.80	75	-
LANARK																															
CAMPS RESERVOIR ...	9 9	295	6.1	1.0	3.5	-	9.3	18	-4.8	3	-	-	291	-	39	4	27	26	11	4	0	2	0	1	12	-	12	0.49	-	5	-
CARNWATH ...	9 9	208	6.9	1.3	4.1	-	9.6	18	-4.9	3	3.9	-	87	-	9	11.29	26	21	7	3	1	0	0	0	1	9	16	15	13	-	-
COATBRIDGE ...	9 9	78	7.9	2.8	5.3	-	13.2	18	-2.2	3	-	-	139	-	40	17	24	24	5	2	0	0	0	0	1	-	-	-	-	-	-
CRAWFORDJOHN ...	9 9	274	6.4	1.2	3.8	-	9.5	4.5	-4.0	3	3.9	-	-	-	-	-	-	-	6	3	0	1	0	0	10	14	12	9	1.25	-	-
EAST KILBRIDE ...	9 9	178	7.2	2.2	4.7	-	10.0	4	-2.3	3	-	-	220	-	55	17	25	24	4	2	0	0	0	0	7	-	2	1.33	-	-	-
GLASGOW (SPRINGBURN)	9 9	107	7.4	3.0	5.2	+2.9	10.4	4	-2.0	3	-	-	154	166	26	17	27	24	5	0	2	0	0	0	2	15	-	2	1.15	108	-
LANARK ...	9 9	152				-					-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEADHILLS ...	9 9	388	5.5	0.8	3.1	-	8.6	18	-4.7	3	-	-	481	-	69	29	30	26	12	5	0	1	0	2	13	15	11	-	-	-	-
SALSBURGH ...	9 9	275																													
AYR																															
AUCHINCRAIG ...	9 9	45	8.4	3.3	5.9	+2.5	11.0	11	-0.2	3	5.5	6.5	183	220	36	17	29	24	2	1	0	1	0	0	1	11	-	3	1.21	80	-
CUMNOCK ...	9 9	99	8.1	2.3	5.2	-	10.5	11	-5.8	9	-	-	232	-	33	17	28	25	1	1	0	1	0	0	4	13	-	5	-	-	-
GIRVAN ...	9 9	8	8.7	4.2	6.5	-	10.7	11	1.0	3	-	-	226	-	42	29	27	25	1	0	0	0	0	0	0	3	-	13	0.98	-	-
LARGS ...	9 9																														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1974

DISTRICT COUNTY AND PLACE		MAX. MIN. TERMINAL 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	AMOUNT (MM)	DATE	PRECIP- ITATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
							MAX.	DATE	MIN.	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	GRASS OR REEDS IN FLOW	CONCRETE BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			MAX. (A)	MIN. (B)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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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	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	WIND DIRECTION DURING C	WIND SPEED DURING C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
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	-	-	2	0	1.40	133	1.5	
BRAMHAM ...	9 9	54	8.1	2.1	5.1	-	12.2	14	-3.8	1	-	-	75	-	10	8	16	14	1	0	0	0	1	0	4	20	0	-	-	-	-	-	
HUDDERSFIELD																																	
OAKES ...	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	3	1	3	1	5	16	12	14	1.75	132	1.5		
RAVENSKNOLLE	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	1	4	17	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	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	1	2	2	4	8	15	0	0	-	-	
WILSON ...	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	0	15	16	0	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	0	1	8	17	14	0	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	0	3	19	-	0	1.59	129	5	-		
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	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	5	-		
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	-	-		
HACKWORTH	9 9	89	9.4	1.9	5.7	-	13.5	2	-4.1	2	-	-	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	0	3	5	11	0	0	1.53	-	5	-	
WINDERWORTH	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	5	17	14	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	4	9	-	0	-	-	-	-		
NEWHORPE	9 9	58	8.4	1.6	5.0	-	12.7	14	-4.6	1	-	-	60	-	12	10	17	14	-	-	-	-	4	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	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	0	4	16	-	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	6	4	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	-	-		
OKEN ...	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	-	-	5	-		
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	-	-	5	-		
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	5	12	-	0	1.78	-	-	-		
NEWTOWN LINCOLN	9 9	119	8.1	1.9	5.0	-	12.0	14	-5.7	2	-	-	54	-	12	10	19	11	0	0	0	0	0	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	5	-	
OSWESTRY	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	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	0	2	0	4	14	-	9	2.03	128	-	-	
WEST MIDLANDS																																	
BIRMINGHAM																																	
EDGBASTON	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	-	-	
ELMDON AIRPORT	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	1	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	-	-	-	
RUGBY	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	1	1	1	1	4	14	-	9	1.79	107	5	-	
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	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	-	-	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	0	1	5	15	-	3	1.66	111	5	-	
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	-	-	-	
LYONSALL	9 9	155	8.1	2.2	5.1	+2.0	11.8	14	-5.0	2	-	-	137	-	18	10	24	18	0	0	0	0	0	0	6	21	-	0	-	-	-	-	
MALVERN	9 9	62	9.0	3.2	6.1	-	13.2	14	-5.4	1	4.9	6.5	123	-	17	4	22	18	1	0	0	1	2	1	3	9	-	5	1.44	89	5	-	
PERSHORE																																	
COLLEGE OF HORT.	9 9	40	9.3	3.0	6.1	-	12.8	11	-5.7	1	-	-	80	-	11	4	22	16	0	0	0	2	1	0	3	9	-	10	1.75	-	-	-	
ROYAL RADAR EST.	21-9	35	9.0	3.7	6.3	-	13.1	14	-6.4	1	-	-	68	-	10	4	18	16	0	0	1	0	1	0	4	9	9	5	1.83	-	-	-	
PRESTON WYNN	9 9	84	9.0	2.3	5.7	-	13.0	14	-5.3	1	-	-	132	-	16	4	24	18	2	0	1	3	5	1	7	20	-	0	1.55	-	-	-	
ROSS-ON-WYE	21-9	68	8.8	4.5	6.7	+2.7	12.7	14	-5.1	1	5.7	7.0	147	222	27	4	21	18	1	0	0	2	4	3	11	7	0	0	1.99	93	-	-	
GLOUCESTERSHIRE																																	
CHELTENHAM	9 9	65	9.2	4.2	6.7	+3.1	12.1	14	-3.5	1	-	-	103																				



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 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 02.00 C	SHRUBS MIN 06.00 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	
5 ENGLAND SE & CENTRAL S. GREATER LONDON																																	
BROMLEY ...	9 9	65	9.8	3.9	6.9	+3.2	14.0	15	-2.0	1	-	-	87	13	10	17	14	0	0	0	0	0	0	2	-	-	0	-	-	-	-		
ENFIELD ...	9 9	17	10.0	4.3	7.1	-	14.5	15	-2.5	1	6.1	7.8	67	12	10	20	14	0	0	0	0	0	2	9	-	-	0	-	-	-	-		
GREENWICH ...	9 9	7	9.9	4.3	7.1	-	14.2	15	-3.2	1	-	-	42	6	10	19	12	0	0	0	0	0	2	8	-	-	1.54	-	-	-	-		
HAMPSTEAD ...	9 9	137																															
HAMPTON ...	9 9	12	9.3	3.9	6.6	+2.7	13.7	15	-3.5	1	-	-	58	9	10	18	14	0	0	0	0	3	2	8	-	2	1.62	105	-	-	-		
HEATHROW AIRPORT ...	21-9	25	9.3	4.4	6.9	+3.2	13.9	15	-1.5	1	-	-	53	9	10	17	14	0	0	0	0	2	7	6	-	0	1.48	-	-	-	-		
KENSINGTON PALACE ...	9 9	25	9.7	4.4	7.1	+3.0	14.1	15	-0.8	1	6.3	7.4	55	11	10	20	13	0	0	0	0	2	14	-	-	-	-	-	-	-	-		
KEN	21-9	6																															
PSYCHROMETER ...			9.3	4.4	6.9	-	14.1	15	-4.8	1	5.9	7.1	61	125	8	10	17	15	0	0	0	3	2	0	4	11	8	0	1.53	99	-	-	
NORTH WALL SCREEN ...			9.2	5.0	7.1	-	14.0	15	-2.8	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON WEATHER CENTRE																																	
ST JAMES PARK ...	9 9	4																															
SOUTHGATE ...	9 9	67	9.5	4.0	6.7	+3.2	13.5	15	-2.6	1	6.3	-	58	107	10	19	13	0	0	0	0	1	0	2	12	-	0	1.80	142	-	-	-	
WADDON ...	9 9	59	9.3	3.9	6.6	+2.9	14.0	-	-3.5	1	-	-	100	-	-	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WEALSTONE ...																																	
WILTSHIRE																																	
BOSCOMBE DOWN ...	21-9	126	8.6	3.7	6.1	+2.8	12.5	15	-1.9	1	-	-	129	278	4	23	18	0	0	1	0	2	1	3	12	9	4	1.29	75	-	-	-	
LACOCK ...	9 9	49	9.9	2.9	6.4	-	12.6	14	-5.6	2	-	-	90	-	12	20	14	0	0	0	0	1	0	5	10	-	1	-	-	-	-		
LARKHILL ...	9 9	132	9.0	3.1	6.1	+3.0	12.7	15	-2.5	1	-	-	153	215	35	4	24	17	0	0	4	0	2	1	2	14	6	1	-	-	-	-	
LYNEHAM ...	21-9	145	8.3	3.8	6.1	+3.0	12.0	14.15	-4.5	1	-	-	102	-	16	4	22	18	1	0	4	0	3	0	4	13	10	2	1.58	-	-	-	
PORTON ...	9 9	110	9.0	2.4	5.7	+2.6	12.5	15	-3.0	1	5.5	-	155	209	35	4	24	17	-	-	-	-	1	3	16	14	5	1.25	70	-	-	-	
UPAVON ...	21-9	179	8.1	3.4	5.7	-	11.5	15	-2.7	1	-	-	141	-	4	25	18	0	0	1	3	2	2	4	10	7	2	-	-	-	-	-	
BERKSHIRE																																	
EASTHAMPTON ...	9 9	77	9.0	3.3	6.1	-	13.6	15	-5.7	1	5.7	6.6	81	-	11	22	13	0	0	0	0	1	1	4	11	8	0	1.48	-	-	-	-	
FINCHAMPTON ...	9 9	65																															
HURLEY ...	9 9	43																															
READING ...	9 9	66	9.1	3.3	6.2	-	13.0	15	-3.3	1	6.0	6.9	84	-	13	22	14	0	0	2	0	3	1	3	17	10	4	1.56	-	-	-	-	
SHINFIELD ...	9 9	61	9.1	3.2	6.1	+2.7	13.1	15	-4.2	1	-	-	82	147	13	20	13	0	0	1	0	1	1	2	12	-	0	1.41	-	-	-	-	
SURREY																																	
MICKLEHAM ...	9 9	55	9.0	2.5	5.7	+2.8	13.4	15	-5.6	1	5.5	6.4	119	-	19	27	20	14	0	0	0	0	1	1	7	17	-	0	-	-	-	-	
WISLEY ...	9 9	35	9.6	3.5	6.5	+3.0	14.0	15	-5.2	1	5.8	6.8	81	-	9	13	19	16	0	0	0	1	1	2	8	-	5	1.44	97	-	-	-	
KENT																																	
DOVER ...	9 9	6	9.1	5.0	7.1	+3.0	11.3	19	-0.1	2	6.5	7.4	85	-	19	22	16	0	0	1	0	1	0	1	-	-	4	-	-	-	-		
DUNGENESS ...	9 9	3	9.1	5.7	7.4	-	11.0	11	-2.2	10	-	-	85	-	21	10	22	17	0	0	2	3	0	1	-	-	6	-	-	-	-	-	
EAST MALLING ...	9 9	37	9.2	3.5	6.3	+3.0	13.5	15	-3.5	1	5.7	6.5	63	-	11	10	19	14	0	0	0	0	1	1	3	9	-	2	1.60	103	-	-	
ELMSTONE ...	9 9	5	9.6	3.4	6.5	-	13.8	15	-3.7	1	-	-	61	-	12	10	19	12	0	0	0	0	1	0	4	5	-	2	-	-	-	-	
FAVERHAM ...	9 9	48	9.0	3.8	6.4	-	13.4	15	-3.3	1	5.9	6.8	69	-	13	10	21	15	0	0	0	0	0	2	8	-	0	1.60	-	-	-	-	
FOLKESTONE ...	9 9	31	8.8	3.7	6.3	-	11.7	15	-2.3	10	-	-	72	112	17	22	15	0	0	1	0	2	2	10	-	11	1.70	88	-	-	-	-	
GILLINGHAM ...	9 9	4	9.6	4.1	6.9	-	14.0	15	-2.0	1	-	-	55	-	12	10	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GOUDHURST ...	9 9	85	8.4	3.3	5.9	+3.0	11.6	15	-3.0	1	-	-	103	126	23	23	18	0	0	1	0	1	0	3	11	-	1	-	-	-	-	-	
HADLOW COLLEGE ...	9 9	30	9.4	2.7	6.1	-	13.3	15	-2.2	1	6.3	7.5	80	-	11	10	18	16	0	0	0	0	1	2	6	14	-	0	1.34	-	-	-	
HERNE BAY ...	9 9	31	9.1	3.6	6.3	-	13.5	15	-2.0	1	6.8	-	48	-	12	10	19	11	0	0	0	0	0	2	10	-	0	1.76	109	-	-	-	
MANSTON ...	21-9	44	8.9	4.3	6.6	-	13.6	15	-0.8	2	-	-	38	-	10	10	18	12	2	0	0	0	1	1	2	8	6	5	1.73	-	-	-	
MARGATE ...	9 9	16	9.3	4.7	7.0	+2.7	13.6	15	-0.5	2	6.2	7.1	37	-	8	10	18	10	0	0	0	0	0	1	2	-	13	1.60	95	-	-	-	
THROWLEY ...	9 9	150	8.0	3.1	5.5	-	11.6	15	-2.9	2	5.2	6.5	79	-	14	10	22	16	1	0	0	0	1	2	4	13	-	10	1.26	-	-	-	
ULCOMBE ...	21-9	47	8.8	3.7	6.3	-	13.1	15	-3.3	1	-	-	68	-	11	10	21	16	0	0	0	0	1	1	4	13	12	0	1.58	-	-	-	-
WHITSTABLE ...	9 9	3	9.7	3.9	6.8	+2.7	14.1	15	-3.4	1	-	-	46	-	9	10	18	13	0	0	0	0	0	3	-	-	11	1.72	104	-	-	-	
WYE ...	9 9	56	8.8	3.4	6.1	+2.8	12.5	15	-3.2</																								

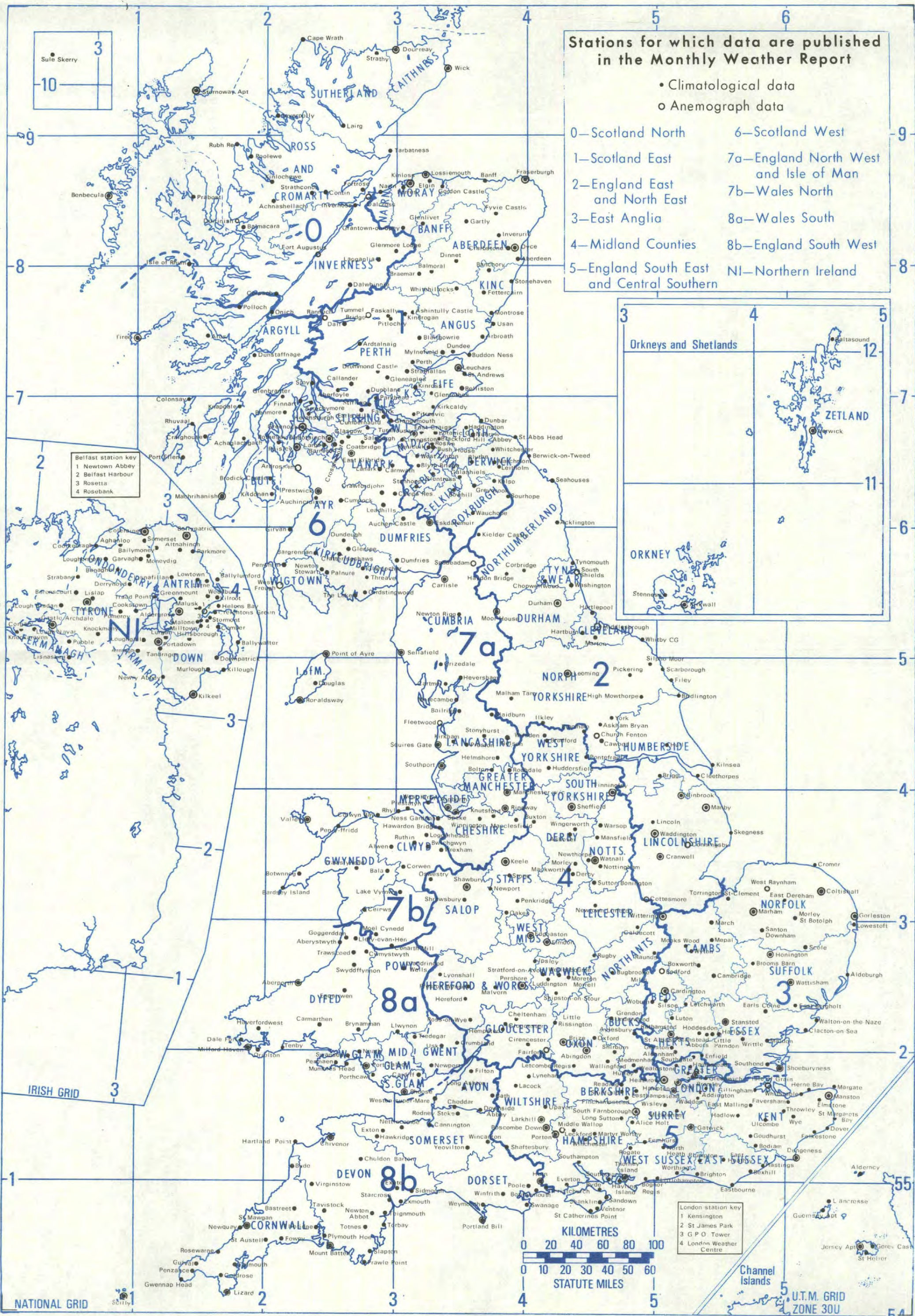


TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1974

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 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	1-10 MM OR MORE	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	ORLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE				
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																									
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	4	1	0	0	0	2	11	-	1	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	3	-	0	-	-	-	-		
GRIZEDALE ...	9-9	91	-	1.9	-	-	-	-	-4.7	1	5.0	-	204	-	20	14	25	23	2	1	4	0	0	0	0	0	7	20	-	-	-	-	-		
HEVERSHAM ...	9-9	30	8.4	2.9	5.7	-	12.1	11	-5.4	1	-	-	142	-	15	14	25	22	2	1	3	1	1	1	0	3	10	5	-	-	-	-	-		
MOOR HOUSE ...	9-9	556	4.1	-0.3	1.9	-	7.6	11	-6.0	3	2.6	-	365	-	31	17	26	26	20	9	1	0	0	0	0	3	14	21	4	0.45	-	-	-		
NEWTON RIGG ...	9-9	171	7.3	2.4	4.9	+2.6	10.6	11.18	-3.3	3	4.0	-	209	-	20	26	25	24	2	2	2	1	0	0	0	4	13	4	1.18	-	-	89	-		
SELLAFIELD ...	9-9	13	-	-	-	-	-	-	-	-	-	-	183	-	20	29	24	23	0	0	0	0	0	0	2	51	-	-	1.23	-	-	-	-		
LANCASHIRE																																			
BAILRIGG ...	9-9	53	8.3	3.3	5.8	-	12.1	11	-0.8	1	-	-	131	-	15	14	22	19	4	0	0	6	0	0	0	2	13	9	1.33	-	-	-	-		
HELMESHORE ...	9-9	260	6.5	1.7	4.1	-	10.5	14	2.9	1	4.4	-	170	-	26	14	24	20	4	1	1	1	1	1	7	13	3	-	-	-	-	5	-		
KIRKHAM ...	9-9	24	8.3	3.0	5.7	-	12.3	11	-2.4	1	-	-	107	-	15	8	21	18	0	1	2	2	1	3	12	-	1	1.47	-	-	-	-	-		
MORECAMBE ...	9-9	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NELSON ...	9-9	165	7.9	2.5	5.2	+2.7	11.3	11	-3.7	1	4.4	5.8	159	-	20	14	24	21	0	0	0	0	0	0	4	12	-	0	1.27	157	5	-	-		
PRESTON ...	9-9	33	8.5	3.5	6.0	-	12.4	11	-3.0	1	-	-	105	121	18	14	21	17	0	0	1	1	1	1	2	11	-	4	-	-	-	-	-		
SLAIDBURN ...	9-9	192	7.2	1.9	4.5	-	10.6	11	-3.7	3	-	-	200	131	27	7	26	20	1	0	1	1	0	0	5	15	-	0	0.93	-	-	-	-		
SQUIRES GATE AIRPORT	21-9	10	8.0	4.0	6.0	+2.4	11.5	11	-3.0	1	-	-	94	-	15	8	22	16	1	0	1	0	2	1	3	8	5	3	1.59	101	-	-	-		
STONYHURST ...	9-9	115	7.8	2.6	5.2	(2.4)	11.4	11	(-2.8)	1	-	-	141	125	26	14	22	20	0	0	1	0	0	0	3	151	-	1	1.34	102	-	-	-		
MERSEYSIDE																																			
ALBURNTH ...	9-9	14	8.9	3.9	6.4	-	12.9	14	-1.8	1	-	-	66	-	15	8	20	13	1	0	1	0	1	0	3	9	7	2	1.99	-	-	-	-		
SOUTHPORT ...	9-9	5	8.4	3.1	5.7	+2.2	11.6	5	-2.3	1	5.3	7.9	73	-	14	10	14	11	0	0	0	0	0	3	3	9	-	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	4	0	1	1	3	11	8	1	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	1	0	2	0	3	9	-	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	1	0	2	7	12	-	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	2	0	1	0	2	7	1	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	1	0	7	13	-	1	-	-	-	-	-	-	
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	3	13	-	1	-	-	-	-	-	-	
MACCLESFIELD ...	9-9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NESS GARDENS ...	9-9	55	9.3	2.3	5.8	-	13.9	14	-3.5	1.2	5.2	-	70	-	14	8	18	12	0	0	0	0	0	0	5	15	-	7	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	3	2	0	5	10	-	4	-	-	-	-	-	-	
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	6	0	1	0	0	7	-	20	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	1	0	1	-	-	15	1.59	95	-	-	-	-	
RONALDSWY 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	5	2	0	1	2	1	10	1.37	78	-	-	-	-	-
7B WALES N																																			
GWYNEDD																																			
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	2	3	0	5	13	10	1	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	19	-	-	-	-	-	-	
BOTWNOG ...	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	3	0	2	0	0	9	-	9	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	3	2	0	0	12	-	9	1.41	-	-	-	-	-	
TRAFSGFYNOO ...	9-9	193	8.4	(2.9)	(5.7)	-	12.0	4.10	(-5.0)	1	-	-	302	-	37	4	26	25	0	0	1	0	0	0	3	11	71	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	7	2	0	0	3	2	13	1.65	90	-	-	-	-	-
CLYDD																																			
ALWEN ...	9-9	335	6.5	1.0	3.7	-	10.0	11.14	-6.2	1	-	-	250	191	29	14	24	20	-	-	-	-	-	-	-	12	18	-	-	-	-	-	-	-	
BWLCHWYN ...	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	2	0	0	0	-	-	0	2.20	147	5	-	-	-	
CORNW ...	9-9	144	8.8	2.2	5.5	-	12.2	14	-6.5	1	-	-	288	-	35	29	26	22	2	0	1	0	3	-	6	15	-	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	1	0	3	-	-	-	3	-	-	-	-	-	-	
LOGGERHEADS ...	9-9	210	8.4	1.9	5.1	-	11.5	12	-1.7	10	4.8	5.6	109	-	16	8	24	18	5	1	0	0	1	0	4	10	-	0	1.91	-	-	-	-	-	
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	1	0	1	0	1	-	-	0	1.93	138	-	-	-	-	
RHYL ...	9-9	9	9.6	4.0	6.8	+2.2	12.5	14	-1.2	1	-	-	84	139	14	8	20	16	0	0	0	0	1	0	2	-	2	1.57	105	-	-	-	-	-	
RUTHIN ...	9-9	76	8.7	2.8	5.7	-	12.5	11	-3.6	1	-	-	105	-	18	7	21	16	0	0	1	0	0	0	4	-	0	2.08	-	-	-	-	-	-	
WREXHAM ...	9-9	88	9.4	1.7	5.5	+2.0	13.7	14	-5.5	1	-	-	6-1	113	-	16	16	22	16	1	0	0	0	0	9	101	-	0	-	-	-	-	-	-	
PONYS (NORTH)																																			
CEINNS ...	9-9	61	8.9	2.7	5.8	-	12.0	4.11	-6.0	1	-	-	255	-	45	14	24	23	0	-	0	0	0	0	8	18	-	0	-	-	-	-	-	-	
LAKE VYRNNY ...	9-9	303	7.0	1.6	4.3	+2.0	10.5	14	-5.5	1	4.4	-	258	-	53	14	26	23	4	1	13	2	3	1	10	13	-	11	-	-	-	-	-	-	
MOEL CYNNEDD ...	9-9	358	6.8	1.6	4.2	-	10.3	11.14	-6.0	1	-	-	372	-	74	14	27	25	6	1</															





**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





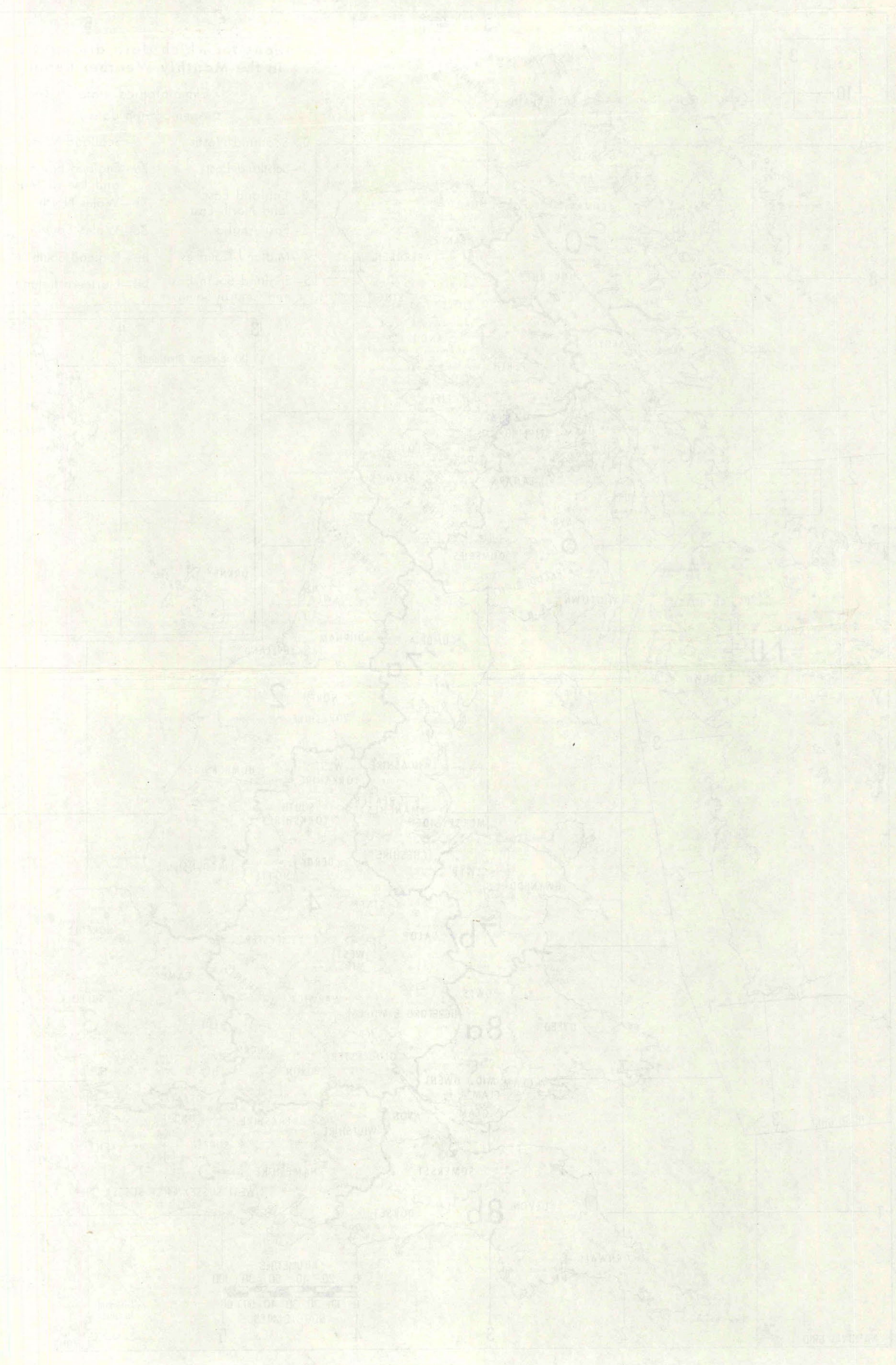




TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 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 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 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																
8A WALES S CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD ...	21-9	36	8.9	5.6	7.3	-	11.3	4.11	1.9	11	-	-	-	166	27	10	26	24	0	0	0	0	0	0	0	1	6	0	-	-	-	
NEATH ...	9-9	62	9.4	4.7	7.1	-	11.9	18	-0.4	1	-	-	208	-	10	10	26	24	0	0	0	0	0	0	0	1	6	0	-	-	-	
PENMAEN ...	9-9	85	9.1	4.9	7.0	-	11.1	10	-1.0	29	6.6	7.4	196	-	18	10	25	25	2	0	0	0	0	0	0	0	0	0	1.37	-	-	
PORT TALBOT ...	9-9	7	9.8	5.0	7.4	-	12.6	11	0.0	29	-	-	165	-	17	12	25	23	0	0	0	0	0	0	0	0	0	0	1.42	-	-	
SWANSEA ...	9-9	8																														
MID GLAMORGAN																																
LLWYNON ...	9-9	24.2	7.5	1.8	4.7	-	10.5	11.14	-4.5	1	-	-	436	242	58	4	26	25	4	0	3	0	0	11	11	-	2	0.60	-	-		
PORTHCAWL ...	9-9	6	10.0	4.9	7.5	-	12.8	11	-0.2	1	-	-	129	-	15	10	23	19	-	-	-	-	-	-	-	-	-	1.78	-	-		
SOUTH GLAMORGAN																																
CARDOFF ...	9-9	62	(9.3)	(4.0)	(6.7)	(2.6)	12.2	11	-1.5	1	(6.5)	(7.5)	90	84	12	12	22	17	0	0	0	0	0	2	-	-	0	1.35	84	5		
RHOOSE AIRPORT ...	21-9	67	8.9	5.1	7.0	-	11.8	11	-1.3	1	-	-	87	-	12	10	25	21	3	0	3	3	4	0	1	8	6	2	1.67	-	-	
GWENT																																
CRUMBLAND ...	9-9	24.5	7.6	2.5	5.1	-	10.6	14	-2.5	1	5.2	6.2	188	-	27	10	25	21	1	1	0	0	1	2	4	11	-	5	1.55	-	-	
NEWPORT ...	9-9	23	9.5	3.7	6.6	-	12.2	11	-2.2	1	-	-	126	-	25	10	24	23	0	0	0	0	3	3	16	-	8	1.18	-	-		
TRICEGAR ...	9-9	31.3	7.1	2.1	4.6	+2.0	10.6	14	-4.0	1	-	-	405	-	47	4	27	25	2	1	4	0	3	3	6	15	4	0.70	-	-		
USK ...	9-9	21	9.4	3.3	6.3	+2.6	13.0	14	-6.0	1	6.1	-	183	-	32	10	24	22	1	0	0	0	1	6	6	13	1	1.17	80	-	-	
8B ENGLAND SW																																
AVON																																
BATH ...	9-9	118	8.8	3.6	6.2	-	12.9	14	-2.4	1	6.3	-	102	-	19	4	22	18	0	0	0	0	0	0	4	-	3	-	-	-		
FILTON ...	21-9	59	9.1	4.5	6.8	+2.9	12.6	10	-4.0	1	-	-	92	-	11	10	24	20	0	0	0	1	3	1	0	3	8	7	1.46	101	-	
LONG ASHTON ...	9-9	51	9.7	3.9	6.8	+2.7	12.8	14.15	-2.4	1	6.0	-	119	151	17	4	24	20	0	0	1	0	1	0	3	13	-	1.64	106	-		
SOMERSET																																
CANNINGTON ...	9-9	23	10.2	4.0	7.1	+2.5	13.3	11	-3.0	1	6.7	-	99	141	13	10	21	19	0	0	0	0	1	0	2	11	-	2	1.63	96	-	
CHEODAR ...	9-9	11				-							100	-	11	4.8	18	15	0	0	0	0	0	0	4	-	-	2	-	-		
DOWNSIDE ABBEY ...	9-9	183	8.5	3.1	5.8	-	11.6	14	-2.9	1	-	-	163	-	23	6	22	22	0	0	0	0	0	0	4	-	-	0	-	-		
EXTON ...	21-9	336	7.3	3.0	5.1	-	10.7	10	-1.6	2	-	-	206	-	25	4	27	24	4	1	10	0	1	1	4	16	10	0	-	-		
HAWKRIIDGE ...	9-9	314	7.8	2.5	5.1	-	11.2	10	-0.6	2,229.30	-	-	200	-	18	4	26	25	3	1	4	0	2	0	4	14	-	0.83	-	-		
NETTLECOMBE ...	9-9	96	9.7	4.0	6.9	-	13.1	10	-2.6	1	6.1	-	183	-	31	4	24	21	1	0	3	0	0	0	1	13	-	8	-	-		
RODNEY STONE ...	9-9	40	(9.4)	(3.6)	(6.5)	-	12.3	14	-2.3	1	6.4	7.5	105	-	14	4	23	19	0	0	0	0	0	2	10	-	4	-	-	-		
WINCANTON ...	9-9	114	9.4	3.1	6.3	-	12.3	15.16	-3.0	2	-	-	143	-	21	4	24	20	0	0	1	0	2	0	4	11	-	4	-	-		
YEOVILTON ...	21-9	18	9.8	4.3	7.1	-	13.0	15	-4.4	1	-	-	123	-	21	4	22	19	0	0	0	0	1	0	3	9	8	12	-	-		
DORSET																																
BOURNEMOUTH																																
HURN AIRPORT ...	21-9	10	9.7	4.8	7.3	-	13.5	15	-4.2	1	-	-	121	-	21	4	24	19	0	0	2	3	3	0	3	8	6	1	1.36	-	-	
MEYRICK PARK ...	9-9	40	9.8	4.6	7.2	+2.9	12.7	15.16	-1.1	1	6.5	7.4	119	138	18	4	25	18	0	0	1	1	2	0	2	7	-	1.44	73	-		
CHRISTCHURCH ...	9-9	3	9.7	4.8	7.3	-	12.0	15	-2.5	1	-	-	106	-	19	4	25	17	0	0	0	2	1	0	2	10	-	6	-	-		
POOLE ...	9-9	5	10.1	3.6	6.9	+2.6	13.4	15	-1.4	29	6.9	7.8	116	-	17	10	24	18	0	0	4	1	2	0	5	11	-	3	1.28	85	-	
PORTLAND BILL (COASTGUARD) ...	21-9	53	-	6.4	-	-	-	-	1.0	2	-	-	84	-	15	10	23	16	0	0	0	0	1	0	0	1	0	9	1.63	-	-	
SHAFESBURY ...	9-9	207	8.9	2.3	5.6	+2.5	11.2	15	-2.6	1	-	-	134	167	19	6	23	20	0	0	0	0	2	0	4	-	-	3	-	-		
SWANAGE ...	9-9	11	10.0	5.6	7.8	+2.7	12.1	15	-1.1	10	-	-	109	132	13	10	23	20	0	0	1	0	3	0	0	3	-	3	1.16	61	-	
WYTHMOUTH ...	9-9	23	10.3	5.8	8.1	-	12.2	15	-0.6	1	-	-	109	-	17	10	24	21	0	0	0	0	0	0	1	-	0	1.39	68	-		
WIMFRITH ...	9-9	26	10.3	3.9	7.1	-	12.5	11.15.21	-4.0	1.2	-	-	135	-	17	10	25	22	0	0	0	0	1	0	4	16	-	0	-	-		
DEVON																																
CHELDON BARTON ...	21-9	164	8.9	4.3	6.6	-	12.2	10	-1.1	1	6.6	-	125	-	15	10	27	22	1	0	5	0	3	0	1	11	-	0	1.38	-	-	
CHIVENOR ...	21-9	6	10.2	6.0	8.1	+2.4	13.7	10	-1.2	1	-	-	125	-	12	10	25	23	0	0	3	4	3	0	1	3	1	6	1.62	92	-	
EXETER AIRPORT ...	21-9	32	9.9	5.2	7.5	+2.6	13.2	15	-1.9	1	-	-	205	-	45	4	25	22	0	0	2	2	4	0	3	13	5	2	1.31	75	-	
EXMOUTH ...	9-9	59	10.3	5.4	7.9	+3.0	13.3	10	-1.0	1	-	-	160	-	27	4	24	20	0	0	0	1	4	0	1	-	7	1.92	96	-		
HARTLAND POINT ...	21-9	91	9.3	6.1	7.7	+1.9	12.4	12	0.4	1	-	-	147	182	16	26	26	24	0	0	1	5	2	0	0	1	15	1.40	79	-		
NEWTON ABBOT ...	9-9	83	9.8	4.8	7.3	+2.3	12.3	10.15	0.2	29	-	-	238	204	39	4	26	24	0	0	2	0	2	0	0	11	-	3	1.65	87	-	
PLYMOUTH																																
MOUNT BATTEN ...	21-9	27	10.1	6.6	8.3	+2.4	12.4	11	0.7	1	-	-	167	155	19	4	26	24	0	0	0	4	4	0								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JANUARY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	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	0-2 MM OR MORE	2-5 MM OR MORE	5-10 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS 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																		
NORTHERN IRELAND																																		
LONDONDERRY																																		
ADAMLOO ...	9 9	18	-	3.3	-	-	-	-1.6	28	-	-	117	-	15	27	23	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BANAGHER (CAUGH HILL) ...	9 9	216	7.7	1.6	4.7	-	10.5	4	-2.8	10	-	-	258	-	27	4	29	25	3	1	0	0	0	0	1	9	15	-	-	18	-	-		
COLERAINE UNIVERSITY ...	9 9	23	8.7	2.4	5.5	-	11.9	4	-1.8	30	5.6	6.8	136	-	16	11	25	23	3	0	0	0	0	0	0	3	20	-	-	1	1.32	87	-	
COOLKEERAGH ...	9 9	3	9.3	6.3	-	-	12.0	4.11.18	-1.0	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERRYNOYD FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GARVAGH FOREST ...	9 9	88	8.1	2.5	5.3	-	11.2	4	-1.5	10	4.6	6.2	196	-	21	4	28	24	2	0	0	0	0	0	0	6	16	-	-	-	-	-	-	
LOUGHMORE FOREST ...	9 9	174	7.6	2.4	5.0	-	10.7	4	-1.8	10	-	-	152	-	14	11	29	25	7	2	1	3	0	0	0	6	13	-	-	17	6	-	-	
MONEYDUG ...	21-9	34	8.0	3.2	5.6	+2.1	11.9	5	-2.1	9	5.6	-	150	147	19	11	27	25	4	0	1	0	0	0	0	5	12	-	-	11	6	-	-	
SOMERSET FOREST ...	9 9	43	8.6	2.6	5.6	-	11.2	4.19	-1.4	10	-	-	152	-	14	6.11	29	25	0	-	3	0	0	0	0	3	12	-	-	-	-	-	-	
TRAAD POINT ...	9 9	16	8.3	3.2	5.7	-	11.5	18	-0.9	29	-	-	90	-	10	6	24	21	1	-	-	-	-	-	-	2	-	-	-	-	-	-	-	
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	8.0	3.6	5.8	+2.3	11.4	4	-2.2	29	5.1	7.0	121	-	16	6	26	19	3	0	1	1	1	0	0	3	11	-	-	9	5	1.17	82	-
ALTNAHINCH ...	9 9	226	7.5	1.6	4.5	-	10.2	4	-3.0	10	-	-	196	-	27	6	25	23	3	0	0	0	0	0	1	8	16	-	-	10	0.60	-	-	
BALLYLUMFORD ...	9 9	24	8.9	3.9	6.4	-	11.2	6	-2.0	27	-	-	171	-	33	29	25	22	-	-	-	-	-	-	-	1	9	-	-	-	-	-	-	
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	8.1	2.5	5.3	-	11.1	4	-2.2	28	-	-	202	-	20	6	26	25	2	0	0	0	0	0	0	5	9	-	-	10	1.28	-	-	
GREENMOUNT ...	9 9	32	9.5	2.0	5.7	-	11.9	6	-3.4	9	5.4	-	115	-	15	6	24	20	0	0	0	0	0	0	0	8	12	-	-	-	-	-	-	
KILROOT ...	9 9	22	9.1	3.8	6.5	-	11.5	11	-0.5	9.10	-	-	157	-	35	29	23	22	0	0	0	0	0	0	0	2	8	-	-	-	-	-	-	
LARNE ...	9 9	45	8.9	2.7	5.8	-	11.4	4	-1.2	29	-	-	195	-	30	29	26	24	1	0	0	0	0	1	0	7	-	-	1	-	-	-	-	
LISNAFILLAN ...	9 9	38	9.2	2.6	5.9	-	12.0	4	-2.5	10	-	-	120	-	17	6	25	22	0	0	0	0	0	0	0	8	14	-	-	-	1.05	-	-	
LONTOWN ...	9 9	271	7.0	1.0	4.0	-	9.5	4	-2.2	28.29	4.4	-	173	-	19	6	27	21	1	0	0	0	0	0	1	11	22	-	-	8	0.83	-	-	
MALUSK (HYDE PARK) ...	9 9	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PARKMORE FOREST ...	9 9	235	7.4	1.3	4.3	-	10.3	4	-2.5	29	4.4	-	190	-	21	6	27	24	3	0	0	0	0	0	0	10	10	-	-	14	-	-	-	
WOODBURN NORTH ...	9 9	217	7.5	2.2	4.9	-	9.5	4	-1.9	29	-	-	164	143	29	29	28	23	3	0	0	0	0	0	2	8	-	-	-	-	-	-	-	
BELFAST																																		
MALONE ...	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN ...	9 9	37	9.0	3.3	6.1	-	11.5	4	-1.1	30	-	-	172	-	28	29	25	19	4	0	0	1	1	0	0	5	15	-	-	13	-	-	-	
NEWTOWNABBEY ...	9 9	32	9.1	3.7	6.4	-	11.8	4	-0.5	29	5.8	-	163	-	34	29	25	21	3	0	3	0	0	0	0	3	17	10	6	1.28	-	5	-	
ROSEBANK ...	9 9	47	9.0	2.8	5.9	-	11.1	18	-1.8	10	-	-	185	-	30	29	24	21	-	0	-	-	-	-	-	3	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	9.1	3.2	6.1	-	11.3	18	-1.6	9	-	-	189	-	30	29	23	22	0	0	1	0	0	0	0	4	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	9.2	2.8	6.0	-	11.1	19	-1.0	1	5.0	6.5	187	-	29	29	25	22	1	0	1	0	0	0	1	2	26	-	-	-	1.58	-	-	
DOWN																																		
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	161	-	25	29	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.54	-	-	
COMBER CEMETERY ...	9 9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CREIGHTONS GREEN ...	9 9	119	8.3	3.0	5.7	-	10.5	4	0.2	1	-	-	191	-	31	29	24	22	-	0	-	-	-	0	0	11	-	-	-	-	-	-	-	
DOWNPATRICK ...	9 9	26	9.9	4.4	7.1	-	12.8	12	-0.4	29	-	-	151	-	23	29	24	19	-	-	-	-	-	0	0	0	8	-	-	-	-	-	-	
HELENS BAY ...	9 9	43	8.7	3.5	6.1	-	11.2	18	-0.5	29	-	-	190	-	30	29	24	21	2	0	0	0	1	0	0	3	15	-	7	1.64	-	-		
HILLSBOROUGH ...	9 9	116	9.3	2.8	6.1	+2.4	11.4	4.6	-1.5	31	5.6	7.0	154	-	32	29	24	19	0	0	0	0	0	1	7	17	-	2	15	1.32	90	-		
KILKEEL ...	21-9	18	9.2	4.3	6.7	-	11.2	12	0.2	29	-	-	117	-	24	29	21	19	1	0	0	0	0	0	0	0	2	-	-	15	1.39	-	-	
KILLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MURLOUGH ...	9 9	9	9.4	4.5	6.9	-	12.5	18	-2.4	1	5.6	6.4	195	-	46	29	24	21	0	0	1	2	0	0	0	2	12	-	-	16	1.78	-	-	
NEWRY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARMAGH																																		
ARMAGH ...	9 9	62	8.7	3.4	6.1	+2.2	11.9	4	-0.9	29	5.3	6.7	117	150	12	29	26	20	0	0	0	0	0	0	3	16	-	8	1.18	78	-	-		
LOUGHGALL ...	9 9	25	9.0	3.4	6.2	-	12.3	4	-2.6	1	-	-	103	-	13	8	26	19	1	0	0	1	0	0	0	4	14	-	5	1.42	-	-		
LURGAN ...	9 9	55	8.8	3.5	6.1	-	11.7	4.11	-1.0	29	5.3	6.8	111	-	19	29	26	18	0	-	0	0	0	0	0	2	11	-	-	-	1.11	-	-	
PORTADOWN ...	9 9	16	9.1	3.5	6.3	-	11.7	4	-0.7	29	5.8	7.2	115	-	17	29	27	18	0	-	0	0	0	0	-	2	13	-	-	-	-	-	-	
TANDORREE ...	9 9	43	9.3	3.4	6.3	-	12.0	4	-1.2	29	-	-	147	-	25	29	25	21	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	
TYRONE																																		
BARONSCOURT FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CARRIGANS ...	21-9	113	7.6	3.1	5.3	-	10.7	4.18	-2.0	29	-	-	161	-	17	4	29	26	5	0	2	0	0	0	0	7	15	-	10	3	0.79	-	-	
COOKSTOWN ...	9 9	77	8.5	0.8	4.7	-	11.9	4	-4.1	10	4.9	-	115	-	12	8	27	21	2	-	0	0	0	0	0	16	18	-	-	-	-	0.96	-	
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUGH BRADAN ...	9 9	169	7.7	1.9	4.8	-	10.6	4	-2.0	10	-	-	187	-	21	4	28	26	-	0	-	-	-	-	0	7	13	-	-	-	0.82	-		
POMEROY FOREST ...	9 9	165	7.9	2.1	5.0	-	11.0	4	-2.2	28	5.0	-	129	-	14	8	27	23	2	2	0	0	1	0	0	9	16	-	7	-	-	-		
STRABANE CONVENT ...	9 9	44	8.9	3.5	6.2	-	12.0	4	0.0	29	-	-	148	-	16	4	25	25	0															



[illegible]



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 - 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 OBTAINED	SPEED (KT)																	
																									34 OR MORE	22-33	11-21									1-10	0					
																																						8 OR MORE	6-7	4-5	1-3	CALM
NUMBER OF OBSERVATIONS																																										
6 SCOTLAND W -CONTO. DUMFRIESHIRE																																										
ESKDALEHUR 237	3	1004.2	-	5.8	0.6	7.4	91	6.5	2	2	2	5	20	0	0	0	0	0	2	6	10	8	5	0	1	3	10	13	4	0	0	0	7	9	10	1	0					
	9	1003.1	-9.1	5.5	0.6	7.3	91	7.1	0	2	1	11	17	0	0	0	0	2	1	10	13	5	0	0	1	4	18	6	2	0	0	1	6	19	3	0	0					
	15	1002.3	-	4.7	0.8	7.6	88	7.2	0	1	0	14	16	0	0	0	0	0	3	11	11	6	0	0	0	8	16	4	3	0	0	0	5	17	4	2	0					
	21	1003.9	-	3.9	0.7	7.4	90	6.2	2	3	3	5	18	0	0	0	0	1	9	7	8	5	0	0	1	4	15	10	1	0	0	0	7	10	11	1	0					
2 ENGLAND E & NE NORTHUMBESIA																																										
ACKLINTON 46	3	1005.2	-	4.2	0.6	7.6	90	5.0	6	3	4	4	14	0	0	0	0	0	3	7	4	12	5	0	0	6	9	16	0	0	0	3	14	3	9	2	0					
	9	1004.2	-7.6	4.5	0.7	7.5	88	5.4	0	6	7	10	8	0	0	0	0	2	4	8	6	8	1	0	1	3	19	8	0	0	1	0	1	12	9	8	0					
	15	1003.2	-	6.3	1.2	8.0	83	5.8	0	3	8	11	9	0	0	0	0	2	4	5	6	11	3	0	0	8	16	7	0	1	0	0	1	11	9	9	0					
	21	1004.6	-	5.1	0.8	7.8	88	4.9	3	9	2	4	13	0	0	0	0	1	4	5	6	12	3	0	0	6	12	13	0	1	0	0	2	12	6	10	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	1	9	8	13	0	0	0	7	14	9	1	0	0	0	0	13	14	2	1					
	9	1003.1	-	5.0	1.1	7.3	82	5.9	0	4	6	12	9	0	0	0	0	2	3	5	6	13	2	0	0	7	12	11	1	0	0	0	1	17	10	2	0					
	15	1002.2	-	6.6	1.5	7.7	78	5.8	0	3	8	13	7	0	0	0	0	0	4	6	5	10	5	0	0	7	15	8	1	0	1	0	0	16	7	6	0					
	21	1003.6	-	5.6	1.2	7.5	81	5.3	1	8	4	4	14	0	0	0	0	0	4	7	3	16	1	1	8	10	11	1	0	0	0	0	14	8	8	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	1	0	2	7	10	6	3	1	6	13	10	1	0	0	0	1	14	6	9	0					
	9	1004.9	-7.4	5.4	1.2	7.4	81	6.1	0	3	6	11	11	0	0	0	0	1	6	7	13	4	0	0	3	6	13	9	0	0	0	0	3	17	4	7	0					
	15	1004.1	-	6.9	1.7	7.6	76	6.0	0	2	9	10	10	0	0	0	0	1	5	11	9	4	1	2	7	17	5	-	-	-	-	-	0	13	5	13	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	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	4	11	4	0	0	4	13	14	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	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	2	4	1	5	8	6	0	2	20	8	1	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	1	18	8	4	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	1	11	14	4	0	0	1	9	16	5	0	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	14	7	10	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	18	11	2	0	1	9	14	7	0	0	0	1	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	2	1	4	23	0	0	1	6	22	2	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	9	21	0	0	1	11	15	3	1	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	2	9	20	0	0	2	11	14	2	2	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	1	5	25	0	0	0	10	18	2	1	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	0	1	1	4	12	9	2	1	0	8	17	6	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	1	2	11	9	8	0	0	10	18	3	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	1	2	6	10	12	0	0	0	10	18	3	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	1	3	15	9	2	0	1	6	20	4	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	1	2	3	3	4	8	10	0	0	4	13	14	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	6	0	0	0	1	0	0	5	8	3	4	0	0	5	17	9	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	1	4	4	14	0	0	0	5	19	7	0	0	0	1	3	10	10	7	0						
	21	1009.3	-	5.0	0.7	7.9	89	5.7	2	4	4	8	13	0	0	0	0	0	2	5	4	10	10	0	0	2	20	9	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	5	15	2	0	1	1	1	1	3	6	9	8	1	0	2	11	15	3	0	0	0	2	13	10	3	0					
	9	1011.6	-	5.2	0.8	7.9	87	6.4	0	4	2	16	8	1	0	2	0	0	0	3	7	7	12	0	0	0	18	12	1	0	0	0	3	15	7	5	0					
	15	1010.6	-	7.4	1.6	8.0	78	6.2	0	4	5	12	10	0	0	1	0	1	0	3	2	10	12	2	0	2	18	10	1	0	0	1	3	12	10	4	0					
	21	1011.0	-	5.8	0.9	8.0	86	6.5	0	1	6	11	13	0	0	0	0	1	3	5	14	4	3	0	2	14	14	1	0	0	1	3	14	7	5	0						
DORLESTON 8	3	1012.4	-	5.7	0.9	8.1	87	5.6	8	0	2	2	18	1	1	0	0	0	0	0	17	13	0	0	0	5	12	13	1	0	0	1	1	15	7	6	0					
	9	1012.3	-2.0	5.8	0.9	8.1	87	5.9	4	1	6	3	17	0	0	0	0	1	2	19	8	0	0	0	6	16	9	0	0	0	0	2	17	7	5	0						
	15	1011.4	-	7.4	1.5	8.2	80	6.3	2	1	7	2	19	0	0	0	0	0	2	18	11	0	0	0	7	19	5	0	0	0	1	2	18	5	5	0						
	21	1011.7	-	6.3	0.9	8.3	86	5.8	5	2	4	0	20	0	0	0	0	0	0	0	17	14	0	0	0	6	12	11	2	0	0	1	19	5	4	0						
HARHAM 24	3	1011.7	-	4.7	0.5	8.1	93	6.1	4	3	2	1	19																													



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 - 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 OBSERVED	SPEED (KT:)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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SHOEBURNESS	5	9	1013.3	- 1.9	6.5	0.7	8.8	89	6.3	0	3	4	14	10	0	0	0	0	0	2	7	12	10	0	0	0	7	17	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0















JANUARY 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
			34 KT OR MORE (GALE FORCE)	22-33 KT		11-21 KT	6-10 KT	LESS THAN 6 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)				HIGHEST HOURLY WIND				HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				DATES OF OCCURRENCE	NUMBER OF HOURS					NUMBER OF DAYS	NUMBER OF HOURS	YEAR NORTH	WINDS (FEET)	DAY	HOURLY BEGINNING	YEAR NORTH	WINDS (FEET)	DAY AND TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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# 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**

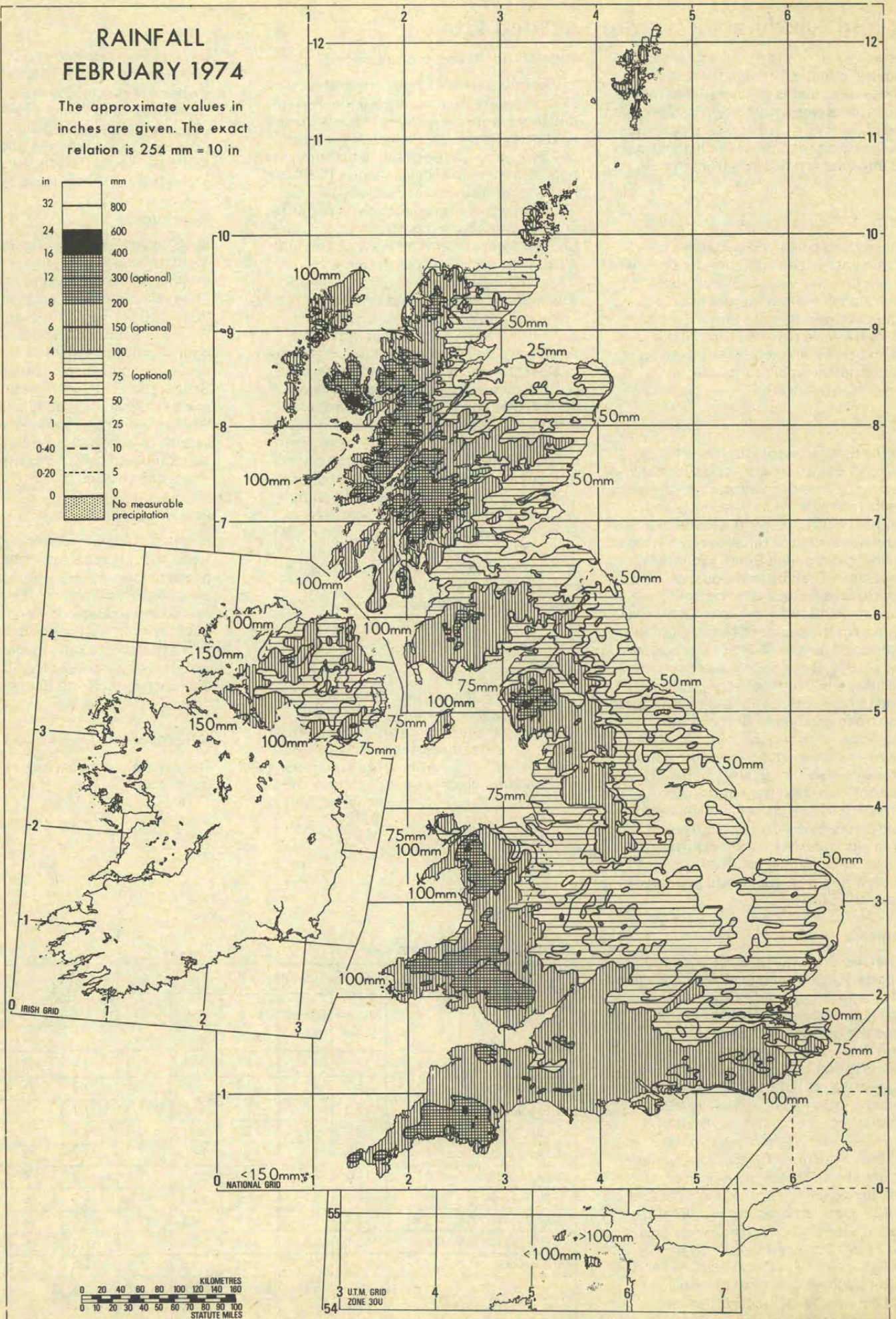
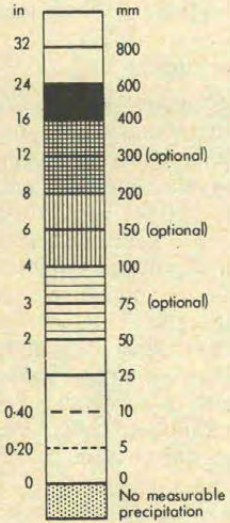
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	13.0	-3.3	+1.3	+1.5	+1.4	+1.2	+2	105	61
1 Scotland E	16.1	-2.5	+1.6	+2.1	+1.8	+1.7	+1	101	77
2 England E & NE	13.3	-4.3	+1.9	+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





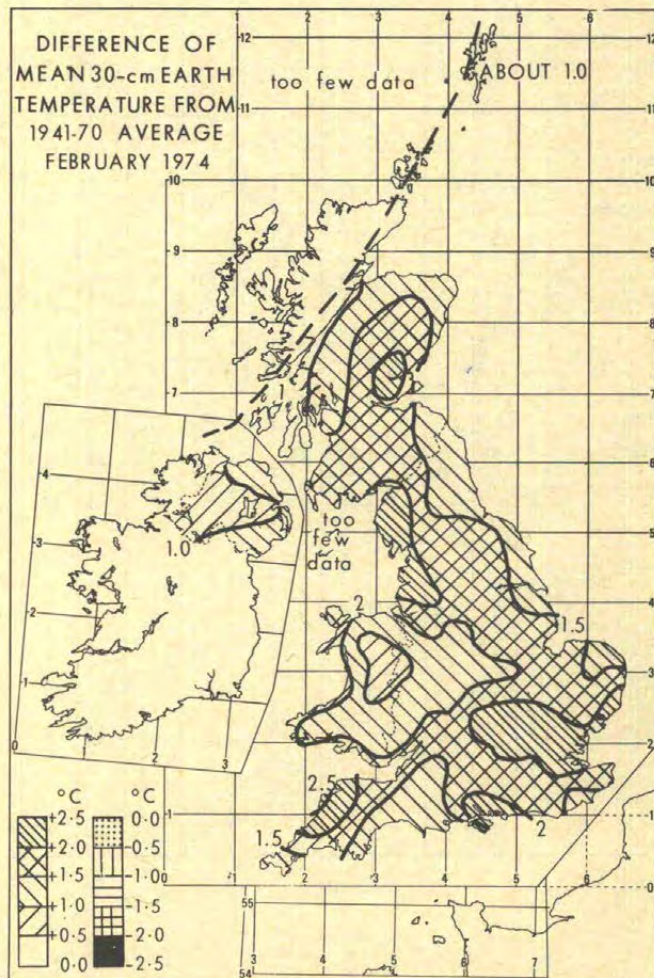
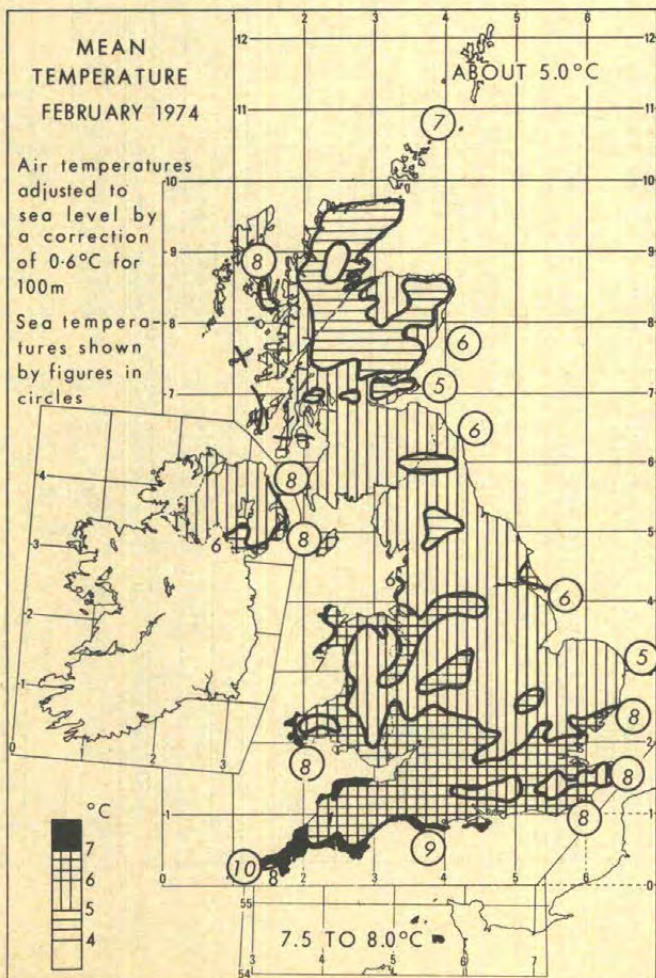
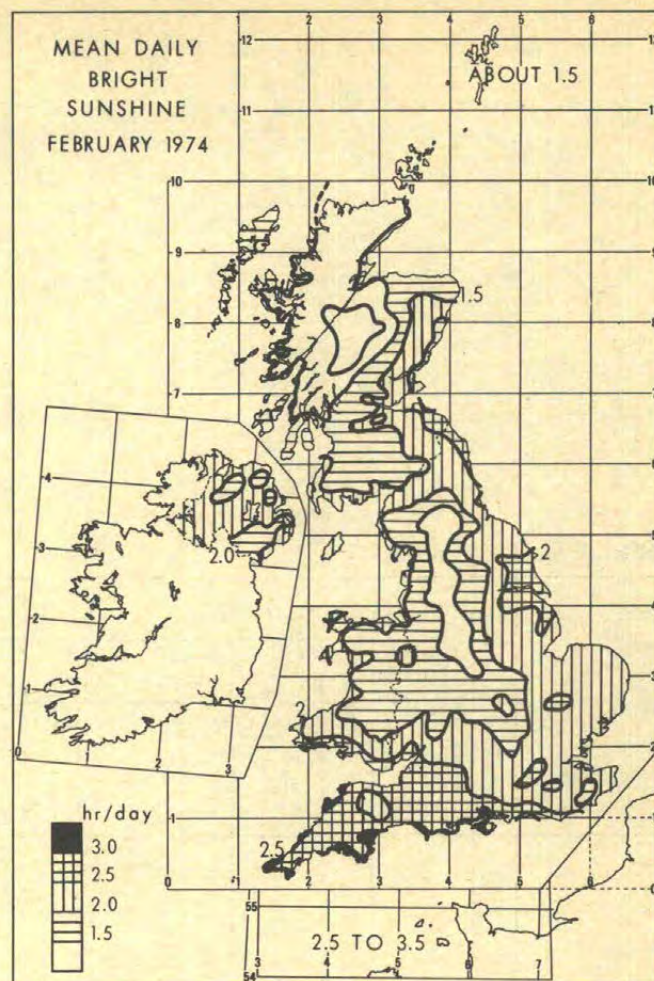
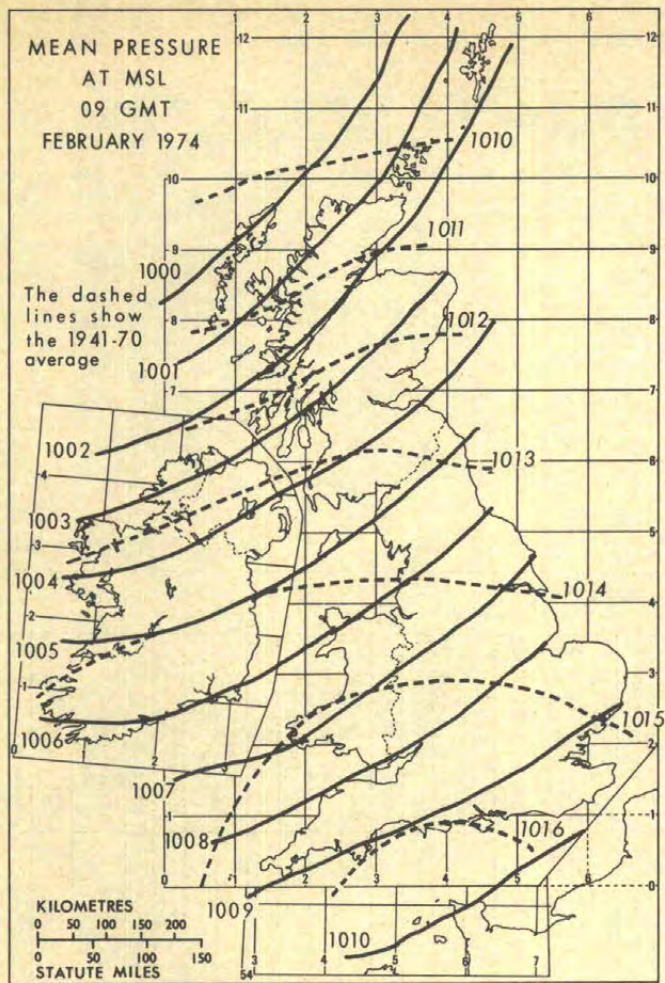




TABLE 2 SOLAR RADIATION AND ILLUMINATION

SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	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 AMOUNT (MM)	DATE	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														
0 SCOTLAND N																																
ZETLAND																																
BALASOUND ...	9 9	24	6.7	2.5	4.6	+1.5	8.9	21	-2.4	14	4.8	-	95	96	14	19	25	20	4	2	3	0	0	0	3	-	-	2	1.19	76	-	-
LERWICK	21 9	82																														
PSYCHROMETER ...			6.0	3.1	4.5	-	8.9	21	-2.3	8	-	-	93	-	12	5	21	20	4	1	0	3	0	0	4	11	8	2	1.59	83	-	-
SCREEN ...			6.2	3.1	4.7	+1.9	9.0	21	-2.4	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ORKNEY																																
KIRKWALL AIRPORT ...	21-9	26	6.7	3.2	4.9	+1.5	11.0	21	-0.8	8	-	-	88	-	15	8	20	14	3	0	0	4	0	0	3	8	8	2	1.33	59	-	-
STENNESS ...	9 9	23	7.1	3.0	5.1	-	11.2	21	-3.6	14	4.5	5.4	98	-	19	8	22	15	1	0	0	0	1	0	2	12	-	-	1.33	-	-	-
SULE SKERRY ...	21-9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAITHNESS																																
DOUNREAY ...	9 9	21																														
KEISS ...	9 9	30	7.0	1.7	4.3	-	12.4	21	-3.5	8	4.0	4.8	77	-	18	8	15	13	2	-	0	0	1	0	0	8	15	-	1	1.57	-	-
WICK ...	21-9	36	7.0	2.7	4.9	+1.6	12.0	21	-3.3	6.14	-	-	69	115	16	8	16	13	6	0	0	3	1	0	5	11	13	0	1.36	52	-	-
SUTHERLAND																																
CAPE WRATH ...	21-9	112	6.6	3.5	5.1	+1.2	10.4	26	-1.5	8	-	-	84	100	10	8	19	16	7	0	0	4	0	1	1	7	7	2	1.40	-	-	-
LAIRD ...			6.5	0.2	3.3	-	11.4	21	-6.9	14	3.1	4.4	74	-	25	8	21	15	9	2	0	1	0	3	12	15	-	0	1.32	-	-	
STRATHY ...	9 9	37	7.2	1.1	4.1	+1.6	12.3	21	-5.2	14	-	-	92	-	36	8	18	13	7	1	0	2	0	0	9	-	-	0	1.13	54	S	
ROSS & CROMARTY																																
ACHNASHELLACH ...	9 9	67	7.4	1.3	4.3	+1.6	12.6	26	-3.6	8	-	-	238	137	42	8	23	21	7	2	0	2	0	0	9	-	-	0	-	-	-	-
BALMACARA ...	9 9	4	8.2	3.2	5.7	-	11.3	26	-1.1	14	-	-	125	-	20	8	24	23	2	0	0	0	0	0	3	-	-	0	-	-	-	-
CONT IN CRAIGDARROCH)	9 9	38	7.5	-0.1	3.7	-	12.0	26	-6.4	14	-	-	67	-	25	8	18	12	7	4	0	0	0	0	1	11	20	-	0	-	-	-
FORTROSE ...	9 9	5	7.3	2.5	4.9	+1.1	(13.0)	21	-1.0	14	-	-	30	71	12	8	15	8	1	0	0	0	0	1	3	-	-	0	1.55	61	-	-
INVERPOLLY ...	9 9	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINLOCHENE ...	9 9	23	7.5	1.3	4.4	-	12.2	26	-3.7	8.14	4.3	-	227	-	35	8	21	20	2	2	0	0	0	0	8	18	-	0	0.98	-	-	-
POOLEWE ...	9 9	6	8.0	2.9	5.5	-	11.9	26	-1.5	6	-	-	176	-	28	8	23	19	2	1	0	0	0	0	5	19	-	0	1.42	-	-	-
RUBH RE ...	21-9	16	7.4	4.1	5.7	-	9.4	26	0.6	8	-	-	173	-	43	10	23	21	3	0	0	0	0	0	0	1	1	4	-	-	-	-
STORMOWAY ...	21-9	3	7.4	3.1	5.3	+1.2	11.1	21	-1.4	13	-	-	138	-	30	10	24	18	5	0	0	5	0	0	4	8	10	3	1.60	69	-	-
STRATHCONON ...	9 9	107	7.0	0.2	3.6	-	11.2	20	-7.2	14	-	-	91	-	31	8	21	16	6	1	0	0	0	-	13	23	-	0	-	-	-	-
TARBATNESS ...	21-9	18	6.8	3.0	4.9	+1.4	11.8	21	-3.0	14	-	-	35	-	11	8	14	9	2	0	0	0	0	0	4	-	-	0	-	-	-	-
INVERNESS																																
BENBECULA ...	21-9	6	7.8	3.3	5.5	+1.0	9.9	25	-2.8	13	-	-	146	-	20	4	24	20	4	0	1	4	0	0	2	8	8	1	1.57	59	-	-
CORRACH ...	9 9	8	7.9	-	-	-	11.7	26	-	-	-	-	198	-	31	9	25	23	2	1	0	0	0	-	13	-	-	0	-	-	-	-
DALWHINNIE ...	9 9	351	5.0	-0.4	2.3	-	10.0	26	-9.5	14	-	-	85	-	18	10	18	13	11	2	0	0	0	-	11	19	-	1	0.85	-	S	-
GLENMORE LODGE ...	9 9	341	6.2	-0.4	2.9	-	11.7	21	-8.6	14	-	-	76	-	17	14	21	16	7	2	0	0	0	0	14	20	-	0	1.34	-	S	-
INVERNESS ...	9 9	4	7.9	2.3	5.1	-	12.8	25	-2.4	14	-	-	29	-	10	8	11	9	1	0	0	0	0	0	6	15	-	0	1.55	-	-	-
ISLE OF RHUM ...	9 9	5	7.9	3.0	5.5	-	10.4	25	-1.4	14	5.1	6.2	259	-	39	8	25	24	2	0	0	0	0	0	5	11	-	0	-	-	-	-
LAGGANLIRA ...	9 9	250	6.2	0.1	3.1	-	10.5	21	-10.2	14	-	-	39	-	9	8	18	8	8	0	0	0	0	0	11	14	-	0	-	-	-	-
ONICH ...	9 9	15	8.0	1.9	4.9	+1.3	12.5	26	-1.5	8	-	-	174	114	25	8.9	22	22	-	1	-	-	-	4	6	14	-	0	1.36	63	S	-
PRABOST ...	9 9	67	7.0	2.0	4.5	-	9.7	26	-2.2	13	-	-	210	-	51	10	26	22	6	2	0	6	0	0	4	17	-	5	1.46	-	-	-
I SCOTLAND E																																
NAIRN																																
NAIRN ...	9 9	6	7.6	1.2	4.4	+1.1	13.2	20	-5.7	14	-	-	24	-	11	8	16	6	1	0	0	0	0	0	8	18	-	0	1.49	55	-	-
MORAY																																
ELGIN ...	9 9	15	7.7	1.8	4.7	-	13.5	21	-3.0	8	-	-	31	-	7	12	13	8	-	0	-	-	-	0	7	10	-	0	1.75	-	-	-
FORRES ...	9 9	50	7.7	2.3	5.0	+2.1	13.0	21	-2.1	14	3.4	4.1	30	-	9	8	12	7	4	0	1	0	0	0	6	20	-	0	1.51	56	-	-
GORDON CASTLE ...	9 9	32	7.9	2.4	5.1	+1.9	14.0	21	-1.1	14	-	-	29	58	7	14	14	6	1	0	0	0	0	-	4	-	-	0	1.84	73	-	-
GRANTOWN-ON-SPEY ...	9 9	229	6.4	-0.9	2.7	-	11.3	26	-9.1	14	-	-	48	-	26	8	15	7	7	4	0	0	0	0	14	24	-	0	1.45	-	-	-
KINLOSS ...	21-9	5	7.9	2.2	5.1	+2.0	13.2	21	-4.7	14	4.6	-	32	-	11	8	11	6	5	0	0	2	0	0	8	15	-	0	1.37	-	-	-
LOSSIEMOUTH ...	9 9	6	-	-	-	-	-	-	-	-	-	-	38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BANFF																																
BANFF ...	9 9	24	7.2	2.6	4.9	-	14.1	21	-1.4	14	-	-	38	-	9	14	13	8	-	0	-	-	0	4	-	-	-	-	1.66	-	-	-
GLENLIVET ...	21-9	215	6.6	1.3	3.9	-	12.8	21	-6.6	14	-	-	45	-	9	20	18	11	6	0	3	0	0	2	8	18	-	0	1.61	-	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL (HGMT) OF STATION 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	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. TEMP. 1800 C	CALCULATE MIN. TEMP. 0600 C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
1 SCOTLAND E -CONTINUED																																
ABERDEEN																																
ABERDEEN																																
DYCE AIRPORT ...	21-9	58	7.5	2.0	4.7	+2.1	16.5	21	-4.1	13	-	-	70	27	14	18	11	5	1	0	0	0	1	9	17	14	0	0	2.39	85	-	-
MANNOFIELD ...	9 9	52	7.3	1.7	4.5	+1.8	16.1	21	-2.8	8	-	-	69	130	24	14	18	12	4	0	0	0	0	1	9	14	0	0	2.45	88	-	-
BALMORAL ...	9 9	283	5.9	-0.9	2.5	+1.8	11.9	21	-8.5	14	-	-	59	96	18	14	18	11	7	5	0	0	0	15	24	19	0	0	-	-	-	-
BRAEMAR ...	9 9	339	5.9	-0.5	2.7	+2.2	10.9	21	-9.6	14	-	-	50	74	12	14	15	10	-	1	0	0	0	14	19	0	0	1.15	57	S	-	
CRABSTONE ...	9 9	91	7.2	2.0	4.6	+2.0	16.1	21	-2.5	8	3.7	4.2	50	87	17	14	16	12	4	2	0	0	0	7	6	19	0	0	2.46	86	-	-
DINNET ...	9 9	177	6.7	0.4	3.5	-	13.5	21	-5.8	14	-	-	43	-	13	14	14	9	-	0	0	0	0	0	0	0	0	0	2.12	-	-	-
FRASERBURGH ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FYVIE CASTLE ...	9 9	66	7.3	-	-	-	16.0	21	-	-	-	-	43	65	17	14	18	8	0	0	0	0	0	-	-	17	-	1	-	-	S	
GARTLY ...	9 9	146	6.7	1.1	3.9	-	14.5	21	-4.5	14	-	-	42	-	11	14	16	8	-	-	-	-	-	10	16	-	-	-	-	-	-	
INVERURIE SEWAGE WORKS ...	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINCARDINE																																
BANCHORY ...	8 8	77	7.6	1.3	4.5	-	17.5	21	-4.5	8	-	-	76	-	25	14	15	10	5	4	0	3	0	9	17	14	0	0	2.11	-	-	-
FETTERCAIRN ...	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONEHAVEN ...	9 9	4	7.5	-	-	-	14.5	21	-	-	-	-	76	-	26	14	13	13	2	0	0	1	0	0	-	-	0	0	2.49	89	-	-
ANGUS																																
ARBROATH ...	9 9	28	7.3	2.4	4.9	-	12.0	21	-1.5	14	-	-	48	-	8	14	16	12	1	0	0	0	3	3	10	-	1	2.42	78	-	-	
BUDON NESS ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNDEE ...	9 9	45	7.5	2.3	4.9	+1.8	13.1	21	-2.1	14	3.7	-	52	107	11	14	17	10	3	1	0	0	1	5	16	0	0	2.54	89	-	-	
MONTROSE ...	9 9	57	7.0	2.0	4.5	-	13.6	21	-3.3	14	-	-	70	149	20	14	19	12	5	1	0	0	3	6	19	0	0	-	-	-	-	
MYLNEFIELD ...	9 9	30	7.2	2.1	4.7	-	12.1	21	-2.4	14	4.4	5.4	50	-	11	14	14	9	2	2	0	0	0	2	4	19	0	0	2.34	-	-	-
USAN ...	21-9	30	7.3	2.7	5.0	-	13.8	21	-2.5	8	-	-	67	-	15	14	13	11	4	0	0	0	2	3	9	0	0	2.67	-	-	-	-
WHITEHILLOCKS ...	9 9	258	6.5	0.3	3.4	-	15.0	20,21	-6.6	8	-	-	127	-	41	14	16	11	4	3	0	0	3	12	17	0	0	-	-	-	S	-
PERTH																																
ABERFOYLE ...	9 9	27	7.4	1.1	4.3	-	12.0	26	-5.5	14	-	-	130	-	(25)	8	24	17	-	-	-	-	-	6	-	-	-	-	-	-	-	-
ARDALNARIG ...	9 9	130	6.8	2.0	4.4	-	12.2	25	-3.5	14	-	-	119	-	23	9	24	15	6	1	0	0	1	4	17	0	0	1.20	-	-	-	-
ASHINTULLY CASTLE ...	9 9	341	5.3	-0.5	2.4	-	10.5	21	-7.2	14	-	-	105	-	23	14	20	12	6	6	0	0	0	4	11	19	0	0	-	-	-	-
BLAIRGOWRIE ...	9 9	70	-	1.5	-	-	-	-	-	-	3.5	-	52	-	15	14	14	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CALLANDER ...	9 9	107	7.2	1.4	4.3	-	11.6	23	-4.6	14	-	-	128	-	(22)	8	25	17	6	3	0	0	0	9	11	0	0	-	-	-	-	-
DALL ...	9 9	232	6.2	0.0	3.1	-	11.4	25	-8.2	14	-	-	135	-	44	10	24	15	9	6	0	0	0	14	20	0	0	-	-	-	-	-
DRUMMOND CASTLE ...	9 9	113	6.9	1.2	4.1	-	12.3	21	-7.0	14	4.0	-	88	-	16	8	19	12	3	1	0	0	0	9	17	0	0	1.91	-	-	-	-
DUNBLANE ...	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FASKALLY ...	9 9	94	7.1	0.9	4.0	-	13.1	21	-3.9	14	3.5	4.4	67	-	14	8	20	11	5	2	0	0	1	10	20	0	0	-	-	-	-	-
GLENAGLES ...	9 9	152	7.1	1.2	4.1	-	10.7	22	-5.3	14	-	-	88	-	16	8	22	12	4	0	0	0	2	7	20	0	0	1.81	-	-	-	-
KINDROGAN ...	9 9	259	5.5	-0.6	2.5	-	10.9	21	-6.5	14	-	-	93	-	22	14	21	11	8	8	0	4	1	11	21	0	0	-	-	-	-	-
PERTH ...	9 9	23	7.7	2.2	4.9	+2.1	11.7	21,25	-5.7	14	-	-	47	88	11	8	14	10	0	0	0	0	2	7	15	0	0	2.08	79	-	-	-
PITLOCHRY ...	9 9	144	6.7	0.8	3.7	-	12.7	21	-4.5	14	-	-	63	-	17	14	19	10	2	2	0	0	0	9	20	0	0	1.43	-	-	-	-
STRATHALLAN ...	9 9	41	7.6	1.9	4.7	-	11.9	25	-4.6	14	-	-	66	-	13	8	16	12	5	3	2	0	2	5	14	0	0	-	-	-	-	-
KINROSS																																
KINROSS ...	9 9	116	7.0	1.1	4.1	-	11.0	25	-4.5	15	4.4	-	52	-	9	8	15	12	-	0	-	-	-	7	18	-	-	1.88	-	-	-	-
FIFE																																
BELLISTON ...	9 9	82	6.9	2.3	4.6	-	10.7	21	-2.2	14	4.4	-	41	-	10	8	15	10	1	0	0	0	1	4	17	0	0	-	-	-	-	-
GLENROTHES (GLENWOOD) ...	9 9	117	6.9	1.6	4.3	-	10.7	25	-3.3	14	-	-	49	-	12	8	18	11	-	-	-	-	-	1	7	22	-	-	2.20	-	-	-
KIRKCALDY ...	9 9	32	7.9	2.7	5.3	+2.2	(11.7)	21	(-2.0)	13	-	-	51	-	7	11	19	16	5	0	0	0	0	4	16	0	0	2.24	83	-	-	-
LEUCHARS ...	21-9	10	7.7	2.1	4.9	+1.6	12.4	21	-3.9	14	-	-	56	133	13	14	16	9	4	1	0	0	2	8	13	11	0	0	2.63	88	-	-
PITREAVIE ...	21-9	40	7.6	3.0	5.3	-	11.0	21	-1.9	14	-	-	43	-	8	8	19	14	6	1	1	0	2	3	10	10	0	0	-	-	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

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 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 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	DRLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE		
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE						0.2 MM OR MORE	1.0 MM OR MORE															
6A SCOTLAND W																																	
ARGYLL																																	
ACHAGLACHACH ...	9.9	12	7.9	2.8	5.3	-	-	11.0	17	-1.8	14	-	-	165	-	21	14	23	22	-	0	-	-	1	4	15	-	-	-	-	-	-	
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	1	5	14	-	-	-	-	-	-	
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	3	0	2	6	18	-	-	-	-	-	
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	1	0	5	0	0	0	0	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	1	0	8	16	-	-	-	-	-	
GLENBRANTER ...	9.9	24	7.7	1.4	4.5	-	-	11.4	21	-2.7	14	-	-	213	-	25	2	25	24	8	0	0	2	0	0	9	16	-	-	-	-	-	
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	7	14	-	-	-	-	-	-	
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	1	2	7	4	-	-	-	-	-	
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	4	12	-	-	-	-	-	-	
PORT ELLEN ...	9.9	18	-	-	-	-	-	-	-	-	-	-	-	122	-	18	14	-	-	1	1	0	-	0	0	5	2	3	-	-	-	-	
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	5	2	3	-	-	-	-	
TIRREE ...	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	7	6	5	-	-	-	-	
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	1	0	1	0	2	12	-	-	-	-	-	-	
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	1	10	-	-	-	-	-	-	
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	-	-	-	-	-	-	
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	1	5	11	-	-	-	-	-	
FINNART ...	9.9	15	-	3.3	-	-	-	-	-	-1.5	14	-	-	187	-	26	14	24	23	3	0	1	0	0	0	1	-	-	-	-	-	-	
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	-	-	-	-	-	-	
SLOY ...	21-9	12	7.4	3.4	5.4	-	-	11.5	20	-3.0	14	-	-	268	-	39	8	26	23	6	-	0	1	0	0	4	-	-	-	-	-	-	-
STIRLING																																	
EARLS HILL ...	21-9	335	4.8	0.6	2.7	-	-	9.0	21.26	-3.3	14	-	-	-	-	-	-	-	-	9	-	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	4	-	-	-	-	-	-	-	
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	-	-	-	-	-	
RENFREW																																	
ABBOTSINCH 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	-	-	-	
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	3	13	-	-	-	-	-	-	
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	6	-	-	-	-	-	-	
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	-	-	-	-	-	-	
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	11	-	-	-	-	-	-	
CARNWATH ...	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	-	-	-	
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	5	-	-	-	-	-	-	
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	-	-	-	
EAST KILBRIDE ...	9.9	178	6.7	1.9	4.3	-	-	9.9	26	-1.7	14	-	-	54	-	10	9	20	15	5	4	0	2	0	0	4	17	-	-	-	-	-	
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	4	17	-	-	-	-	-	-	
LANARK ...	9.9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEARDHILLS ...	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	4	9	17	-	-	-	-	-	
SALSBURGH ...	9.9	275	5.8	1.5	3.7	-	-	9.0	10.26	-2.1	14	-	-	-	-	-	-	-	-	4	-	0	0	0	3	9	15	9	1	-	-	-	
AYR																																	
AUCHINCRIE ...	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														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 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 4-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	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 0H	AIR FROST	WIND DIRECTION C	WIND SPEED C	WIND DIRECTION C	WIND SPEED C	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	
2 ENGLAND E & NE -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	31	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	-	-		
CLEVELAND	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	3	-	-	-	2.17	-	-		
HARTBURN GRANGE	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	1	0	0	4	11	-	-	-	2.09	-	-		
MARTON	9	9	37	8.1	2.3	5.2	-	12.8	21	-2.6	4	-	-	45	-	7	10	12	10	2	1	0	0	0	0	0	6	12	-	-	-	2.43	-	-	
NORTH YORKSHIRE	9	9	175	6.8	1.9	4.3	-	11.1	21	-2.5	4	4.0	-	68	-	12	11	16	11	5	1	0	0	0	0	3	6	16	-	-	-	2.28	-	-	
ASKHAM BRYAN	9	9	34	-	-	-	-	-	-	-	-	-	-	48	106	12	5	18	10	2	2	0	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	-	8	10	15	10	2	1	0	0	0	0	2	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	2	1	0	0	0	0	0	6	12	-	-	-	2.43	-	-	
HIGH MOUTHORPE	9	9	32	7.9	3.2	5.5	-	12.6	21	-1.9	20	-	-	59	-	10	14	18	14	5	2	0	2	0	0	1	4	11	-	-	-	2.24	-	-	
LEEMING	21-9	9	32	7.9	3.2	5.5	-	12.6	21	-1.9	20	-	-	59	-	10	14	18	14	5	2	0	2	0	0	1	4	11	-	-	-	2.24	-	-	
MALHAM TARN	9	9	395	4.9	0.7	2.8	+1.7	7.8	11	-4.0	8	13.7	-	130	-	27	14	17	13	4	3	0	1	0	0	5	10	16	-	-	-	2.33	104	-	
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	2	3	13	-	-	-	-	-	-	
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	3	9	13	-	-	-	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	3	9	16	-	-	-	-	-	-	
WHITBY (COASTGUARD)	21-9	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	6	-	-	-	-	-	-	
WHITBY (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	1	3	13	-	-	-	2.37	-	-	
HUMBERSIDE	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	11	-	-	-	2.56	-	-	
BRIDLINGTON	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	1	4	12	-	-	-	-	-	-	
BRIGG	9	9	7	8.6	2.3	5.5	-	12.6	11	-2.0	24	-	-	48	-	9	28	13	9	4	2	0	0	0	0	1	4	12	-	-	-	-	-	-	
CLEETHORPES	9	9	7	8.6	2.3	5.5	-	12.6	11	-2.0	24	-	-	48	-	9	28	13	9	4	2	0	0	0	0	1	4	12	-	-	-	-	-	-	
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	0	3	12	-	-	-	2.61	125	-	
KILLSEAR	21-9	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	0	-	-	-	2.91	-	-	
LINCOLNSHIRE	21-9	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	11	-	-	-	2.41	-	-	
BINBROOK	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	13	-	-	-	2.35	93	-	
CRANWELL	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	8	16	-	-	-	-	2.10	-	-	
LINCOLN	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	0	2	10	-	-	-	-	2.18	90	-	
SKEGNESS	9	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	-	
WADDINGTON	21-9	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	21-9	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	-	-	-	-	-	-	-	
COLTISHALL	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	5	11	-	-	-	-	-	-	-	
COSTESSEY	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	0	1	1	5	11	-	-	-	2.43	100	-
CROMER	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	11	-	-	-	-	-	-	
EAST DEREHAM	9	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	0	1	2	8	-	-	-	2.34	99	-	
GORLESTON	21-9	9	23	8.4	2.7	5.5	-	13.5	21	-3.5	24	-	-	62	-	15	9	15	12	3	0	0	1	0	0	0	5	8	-	-	-	2.36	-	-	
MARHAM	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	0	3	4	13	-	-	-	2.37	-	-	
MORLEY ST BOTOLPH	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	0	0	0	0	0	11	19	-	-	-	2.07	-	-	
SANTON DOWNHAM	9	9	27	8.0	2.5	5.4	-	13.3	21	-1.6	5	5.2	5.8	49	-	7	8	15	11	0	0	0	1	0	0	2	4	14	-	-	-	2.03	-	-	
SCOLE	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	2	4	12	-	-	-	2.17	92	-	
TERRINGTON ST CLEMENT	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	1	6	14	-	-	-	-	2.33	-	-	
CAMBRIDGESHIRE	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	0	1	7	10	-	-	-	-	-	-	
BOXMOUTH	9	9	26	8.6	2.7	5.7	-	13.7	21	-1.5	24	-	-	61	-	15	3	15	12	0	0	0	0	0	0	1	5	13	-	-	-	-	2.63	105	-
CAMBRIDGE	9	9	2	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	-	-
BOTANIC GARDENS	9	9	40	8.5	2.5	5.5	-	13.8	21	-5.8	20	5.5	6.5	51	-	10	8	17	12	2	0	0	0	0	0	1	4	13	-	-	-	2	-	-	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9	9																																	



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	PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS BELOW 0°C	CONCRETE BELOW 0°C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
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	2.14	20	14	5	2	0	0	0	0	2	5	17	0	1.50	76	5	
BRAMHAM ...	9 9	54	7.9	2.3	5.1	-	12.3	11	-1.5	8	-	-	49	-	10	10	17	12	4	2	0	0	0	0	1	5	-	-	-	-	-	
HUDERSFIELD																																
ORKES ...	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	2	6	15	13	6	1.64	82	-
RAYVENSWOLE ...	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	0	0	0	0	0	1	4	15	-	0	1.81	104	-
ILKLEY ...	9 9	83	7.9	2.8	5.3	+2.3	13.0	22	-1.5	14	-	-	104	133	15	2	19	14	5	1	0	0	0	0	3	3	10	-	0	1.66	77	-
PONTERFRACT ...	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	2	4	-	0	-	-	-	-
WILSDEN ...	9 9	262	6.5	1.5	4.0	-	10.4	11	-2.0	8	-	-	116	-	24	2	20	15	7	4	0	3	0	0	4	8	15	16	0	-	-	-
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	2	9	14	12	0	2.29	-	-
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	15	-	0	1.98	103	-
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	3	6	15	-	0	1.86	-	-
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	1	0	0	4	5	15	-	3	1.41	87	5
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	1	6	13	-	1	1.68	-	-
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	1	6	-	-	-	-	-	-
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	4	7	13	-	0	1.86	-	5
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	3	9	18	16	0	1.91	-	-
NOTTINGHAMSHIRE																																
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	68	-	17	8	15	12	-	-	-	-	-	-	8	-	-	-	-	-	-	-
NEWTHORPE ...	9 9	58	8.3	2.1	5.2	-	11.9	11	-3.2	8	-	-	68	-	17	8	15	12	-	-	-	-	-	-	8	-	-	-	-	-	-	-
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	1	4	15	-	0	2.03	107	-
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	2	6	13	-	0	1.88	84	-
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	3	7	18	-	0	2.34	-	-
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	3	0	2	9	16	13	0	1.57	75	-	
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	1	6	13	-	0	1.64	-	-
ORKEN ...	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	2	5	16	-	0	-	-	5
PENKRIDGE ...	9 9	101	7.9	2.5	5.2	-	11.5	21	-1.8	5	-	-	61	-	11	8	18	14	3	1	0	1	0	0	2	5	16	-	0	-	-	5
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	3	7	15	-	0	1.53	-	-
LEICESTERSHIRE																																
CALDECOTT ...	9 9	52	8.1	1.9	5.0	-	13.0	21	-3.5	20	-	-	65	-	10	28	18	12	1	0	0	0	0	0	3	9	15	-	0	1.87	-	-
NEWTOWN LINCOLN	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	1	7	14	-	0	1.50	-	-
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	1	6	15	-	0	1.86	86	5	
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	1	18	-	0	2.14	87	-
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	1	0	0	0	11	15	13	0	1.82	83	-
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	7	13	-	0	1.86	79	-
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	2	0	2	2	14	12	0	1.79	88	-	
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	8	14	14	0	1.95	88	-	
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	1	0	0	0	5	9	17	-	0	1.70	-	-
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	6	10	17	-	4	1.51	-	-
ROGBY ...	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	4	10	16	15	0	-	-	-
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	2	9	15	-	3	1.94	78	-
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	4	11	18	-	0	1.56	68	-
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	3	6	14	14	1	1.74	-	-
NORTHAMPTONSHIRE																																
BUGBROOKE MILLS	9 9	69	(8.5)	(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	1	(10)	-	-	0	(2.19)	-	-
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	0	0	0	0	0	2	7	15	-	0	1.70	75	5
HEREFORD & WORCESTER																																
HEREFORD(SEWAGE WORKS)	9 9	52	9.0	2.1	5.5	-	13.6	21	-1.7	24	6.2	7.3	84	-	14	10	15	12	2	1	0	0	0	0	3	10	17	-	0	2.24	-	-
IPSLEY(SEWAGE WORKS)	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LYONSALL ...	9 9	155	8.3	2.0	5.1	+1.8	11.8	11.21	-2.2	5	-	-	96	-	24	10	19	12	0	0	0	0	0	0	0	7	15	-	0	-	-	-
MALVERN ...	9 9	62	8.7	2.5	5.6	-	12.6	21	-3.5	25	5.4	6.4	100	-	17	10	18	16	3	0	0	3	0	5	4	12	-	0	1.81	76	5	
PERSHORE	9 9	40	8.5	2.7	5.6	-	12.2	21	-2.3	25	-	-	79	-	21	10	18	17	0	0	0	2	0	4	3	14	-	3	2.03	-	-	-
COLLEGE OF HORT.	21-9	35	8.6	2.8	5.7	-	12.5	21	-2.0	5	-	-	67	-	16	10	19	16	2	0	0	1	0	3	3	9	16	14	1	2.03	-	-
ROYAL RADAR EST.	9 9	84	8.5	1.6	5.1	-	12.8	21	-3.1	25	-	-	75	-	11	8	18	13	2	0	0	0	0	0	6	10	18	-	0	2.10	-	-
PRESTON WYNNE	21-9	68	8.7	3.6	6.1	+1.9	14.0	21	-2.2	25	5.9	6.9	109	222	22	10	14	13	2	1	0	0	0	0	5	3	15	12	0	2.00	82	-
GLOUCESTERSHIRE																																
CHELTENHAM	9 9	65	8.6	3.3	5.9	+1.9	13.1	21	-2.5	25	-	-	96	-	19	8	17	16	0	0	0	0	0	0	0	4	-	-	0	-	-	-
GLOUCESTER	21-9	23	8.8	4.																												



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT COUNTY AND PLACE	MAX. MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN 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 (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	RELATIVE HUMIDITY C	WIND DIRECTION	WIND SPEED	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														
5 ENGLAND SE & CENTRAL S.																																
GREATER LONDON																																
BROMLEY ...	9-9	65	9.4	3.0	6.2	+2.1	14.0	21	-1.0	8-24	-	-	91	29	10	17	13	1	1	0	0	0	0	2	14	-	0	-	-	-	-	
ENFIELD ...	9-9	17	9.4	3.8	6.6	-	14.2	21	-0.5	24	6.3	7.6	80	20	10	17	14	1	1	0	0	0	0	1	14	-	0	-	-	-	-	
GREENWICH ...	9-9	7	9.2	4.0	6.6	-	13.5	21	-1.0	8	-	-	63	14	5	17	11	2	1	0	0	0	0	1	17	-	0	-	2.32	-	-	
HAMPSTEAD ...	137	137	9.3	2.5	5.9	+2.4	12.5	22	-1.0	8-20	-	-	62	141	15	15	15	2	1	0	0	0	0	4	14	-	0	-	2.25	101	-	
HAMPTON ...	9-9	12	8.8	3.0	5.9	+1.6	12.4	11	-1.2	8	-	-	61	15	10	15	12	1	1	0	0	0	0	2	10	-	0	-	2.63	113	-	
HEATHROW AIRPORT ...	21-9	25	9.1	3.9	6.5	+2.2	12.8	10	-1.2	8	-	-	58	14	10	16	12	4	1	0	0	0	0	2	10	-	0	-	2.40	-	-	
KENSINGTON PALACE ...	9-9	25	9.2	3.9	6.5	+2.0	13.3	21	-0.6	8	6.6	7.4	67	161	14	16	14	5	1	0	0	0	0	1	15	-	0	-	-	-	-	
KEN	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PSYCHROMETER ...	9-9	-	8.9	3.3	6.1	-	12.7	10	-3.3	24	6.1	7.1	64	169	14	5-10	16	12	3	1	0	1	0	6	13	-	0	-	2.64	116	-	
NORTH WALL SCREEN ...	9-9	-	9.0	4.4	6.7	+2.2	12.8	10	-0.7	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON WEATHER CENTRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ST JAMES PARK ...	9-9	4	9.3	4.0	6.7	+2.0	12.9	21	-0.4	8	-	-	64	161	16	5	14	13	-	-	-	-	-	1	1	-	0	-	2.66	141	-	
SOUTHGATE ...	9-9	67	8.9	3.5	6.2	+2.3	12.6	21	-0.4	20	6.4	-	77	172	17	10	14	13	1	1	0	1	0	0	2	14	-	0	-	2.76	132	-
WADDON ...	9-9	59	9.0	3.0	6.0	+1.9	13.0	21-22	-2.0	24	-	-	100	-	31	-	18	14	-	-	-	-	-	2	-	-	-	-	-	-	-	
WEALDSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILTSHIRE																																
BOSCOMBE DOWN ...	21-9	126	8.4	2.9	5.7	+2.0	11.1	9	-1.2	8	-	-	111	242	18	14	17	16	3	1	2	2	0	2	7	14	10	2	2.54	99	-	
LACOCK ...	9-9	49	9.2	1.7	5.5	-	12.0	11	-3.6	25	-	-	107	-	25	9	16	16	0	0	0	0	0	2	9	15	-	0	-	-	-	
LARKHILL ...	9-9	132	8.4	2.1	5.3	+2.0	11.3	10	-2.0	20	-	-	137	279	26	14	17	16	2	0	0	0	0	2	8	13	8	2	-	-	-	
LYNEHAM ...	21-9	145	7.9	2.7	5.3	+2.0	11.2	10-11	-2.6	24	-	-	111	-	24	8	16	15	3	1	0	1	0	2	8	14	13	0	2.36	-	-	
PORTON ...	9-9	110	8.6	1.6	5.1	+1.7	11.2	9-10	-2.5	24-25	5.4	-	122	239	22	10	17	16	-	0	-	-	-	2	9	14	13	2	2.43	93	-	
UPVON ...	21-9	179	7.8	2.7	5.3	-	10.3	8-9-21	-1.5	20	-	-	135	-	24	14	19	17	2	1	2	1	0	2	8	13	9	2	-	-	-	
BERKSHIRE																																
EASTHAMPTON ...	9-9	77	8.6	1.7	5.1	-	12.2	10	-4.5	24	5.9	6.7	75	-	17	10	17	13	3	1	0	0	0	0	8	12	10	0	2.23	-	-	
FINCHAMPTON ...	9-9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HURLEY ...	9-9	43	8.6	2.5	5.5	-	12.2	11	-2.2	24	5.7	-	83	-	14	10	17	12	2	1	0	0	0	0	7	11	-	1	2.00	-	-	
READING ...	9-9	66	8.7	2.7	5.7	-	12.4	11	-1.9	24	6.1	6.9	81	-	17	10	16	12	3	1	0	0	0	1	5	17	11	2	2.39	-	-	
SHINFIELD ...	9-9	61	8.7	1.2	5.7	+1.8	12.2	11	-1.7	24	-	-	81	203	17	10	16	12	2	1	0	0	0	3	11	-	0	-	2.16	-	-	
SURREY																																
MICKLEHAM ...	9-9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WISLEY ...	9-9	35	8.9	2.7	5.8	+1.8	13.1	21	-2.3	24	6.0	7.0	73	-	20	10	16	15	2	1	0	1	0	3	6	12	-	5	2.74	123	-	
KENT																																
DOVER ...	9-9	6	8.6	4.3	6.5	+2.2	12.3	21	0.0	8	6.6	7.4	79	-	17	10	17	13	2	0	0	1	0	1	0	1	-	2	2.20	84	-	
DUNGENESS ...	9-9	3	8.4	4.1	6.3	-	11.6	11	-1.2	8	-	-	73	-	14	10	17	12	1	0	0	0	0	2	2	-	-	5	-	-	-	
EAST MALLING ...	9-9	37	8.5	2.9	5.7	+2.0	13.5	21	-1.4	8	5.6	6.5	99	-	28	10	19	12	2	1	0	1	0	2	3	11	-	3	2.02	87	-	
ELMSTON ...	9-9	5	8.8	2.6	5.7	-	12.5	11	-1.7	8	-	-	80	-	32	10	15	13	2	1	0	0	1	1	6	10	-	1	-	-	-	
FAVERSHAM ...	9-9	48	8.3	3.2	5.7	-	12.6	21	-0.5	8	5.8	6.7	93	-	25	10	18	12	2	1	0	1	1	1	1	13	-	0	2.33	-	-	
FOLKESTONE ...	9-9	31	8.2	2.8	5.5	-	11.6	11	-2.8	8	-	-	70	127	17	10	15	13	2	0	0	1	0	0	5	11	-	8	2.30	84	-	
GILLINGHAM ...	9-9	4	8.9	3.8	6.3	-	13.2	21	0.0	8	-	-	94	-	33	10	18	14	-	-	-	-	-	0	-	-	-	1	-	-	-	
GOUDHURST ...	9-9	85	7.9	2.3	5.1	+1.8	12.4	21	-2.1	8	-	-	143	224	49	10	20	15	2	0	1	1	1	1	4	14	-	1	-	2.23	-	
MADLOW COLLEGE ...	9-9	30	8.8	2.3	5.5	-	13.1	21	-2.9	3	6.1	7.2	110	-	34	10	18	16	2	1	0	0	0	1	1	6	10	-	0	-	2.17	89
HERNE BAY ...	9-9	31	8.4	2.9	5.7	-	12.0	10-11-21	-1.5	8	6.6	-	71	-	28	10	15	12	0	0	0	0	0	1	1	14	-	0	-	2.17	89	
MANSTON ...	21-9	44	8.3	3.6	5.9	-	12.1	10-11	-2.0	8	-	-	48	-	13	10	16	14	3	1	1	2	1	1	3	7	6	3	2.20	-	-	
MARGATE ...	9-9	16	8.4	4.2	6.3	+1.8	12.7	10	0.1	8	6.2	7.2	52	-	13	10	15	11	2	0	0	0	1	0	0	3	-	4	2.05	81	-	
THORLEY ...	9-9	150	7.3	2.6	4.9	-	11.9	21	-1.2	8	5.0	6.3	113	-	29	10	21	12	2	1	0	0	0	3	3	14	-	8	1.65	-	-	
ULCOMBE ...	21-9	47	8.5	3.1	5.8	-	12.9	21	-2.7	8	-	-	90	-																		



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT COUNTY AND PLACE	MAX. MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (METRES)	AIR TEMPERATURE IN 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 (MM)	DATE	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	GALE	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	1	2	11	9	0	0	2.44	-	-		
CARTMEL ...	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	2	7	21	0	0	0	0	-	-		
GRIZEDALE ...	9-9	91	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	1	12	21	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	2	0	0	0	6	12	21	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	4	0	0	5	15	21	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	1	7	15	0	0	1.80	74	-	-	
SELLAFIELD ...	9-9	13	8.1	3.4	5.7	-	11.0	10	-0.4	14	-	-	85	13	28	23	17	0	0	0	0	0	4	1	9	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	3	0	1	2	13	0	0	1.77	-	-	-	-	
HELMESHORE ...	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	4	6	16	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	1	0	0	3	12	0	0	1.94	-	-	-	-	
MORECAMBE ...	9-9	7	8.1	3.5	5.8	+2.1	11.2	11	0.0	14	-	-	92	151	11	2	23	16	2	0	1	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	5.7	96	17	2	16	14	0	3	0	0	0	0	2	5	13	-	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	4	3	14	-	0	-	-	-	-	
SLAIDBURN ...	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	7	14	-	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	1	0	2	4	6	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	19	15	0	2	0	0	0	4	5	12	-	0	1.55	71	-	-	-	
MERSEYSIDE																																	
ALBURNTH ...	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	2	0	10	5	1	2.06	-	-	-	-	
SOUTHPORT ...	9-9	5	8.2	3.1	5.7	+2.0	11.8	11	-0.5	8	5.7	7.7	85	17	2	17	13	0	0	0	0	0	0	1	9	-	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	2	2	11	9	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	1	0	0	0	0	9	-	0	2.31	94	-	-	-	
GREATER MANCHESTER																																	
BOLTON ...	9-9	107	7.5	2.2	4.9	-	11.0	11	-2.2	8	5.0	5.6	105	18	8	19	16	3	2	0	0	0	7	5	131	-	0	1.36	68	-	-	-	
MANCHESTER ...	9-9	107	7.5	2.2	4.9	-	11.0	11	-2.2	8	5.0	5.6	105	18	8	19	16	3	2	0	0	0	7	5	131	-	0	1.36	68	-	-	-	
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	4	2	6	7	0	1.76	80	-	-	-	
WEATHER CENTRE ...	9-9	110	7.5	2.4	4.9	+1.9	10.8	11	-2.3	8	-	-	129	166	17	21	16	4	2	0	0	1	0	3	12	-	0	1.21	69	-	-	-	
CHESHIRE																																	
KNUTSFORD ...	9-9	65	8.1	2.8	5.5	-	11.3	11	-0.7	8	4.7	5.2	71	10	11	20	17	2	1	0	0	0	1	4	15	-	0	-	-	-	-	-	
MACCLESFIELD ...	9-9	152	8.1	2.8	5.5	-	11.3	11	-0.7	8	4.7	5.2	71	10	11	20	17	2	1	0	0	0	1	4	15	-	0	-	-	-	-	-	
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	2	3	14	-	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	2	0	9	-	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	1	0	0	0	1	-	7	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	1	0	0	1	8	4	1	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	5.9	168	26	1	18	17	2	0	0	0	0	2	9	18	17	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	2	0	0	0	0	-	-	-	-
BOTNNOD ...	9-9	34	8.8	3.9	6.3	-	10.6	26	0.1	5	6.6	7.4	107	19	11	16	14	3	0	0	0	0	0	0	11	-	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	16	-	1	2.04	-	-	-	-	
TRANSFYNYDD ...	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	1	1	12	11	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	3	0	0	0	7	3	3	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	-	-	-	-	-	11	20	-	-	-	-	-	-	-	
BWLCHGWYN ...	9-9	386	6.1	0.5	3.3	-	9.4	24	-4.2	24	-	-	143	146	15	9	20	19	-	-	-	-	-	11	20	-	-	-	-	-	-	-	
COLWYN BAY ...	9-9	24	8.9	4.1	6.5	-	12.2	8	0.8	28	5.4	-	101	14	11	18	16	1	0	0	0	0	0	0	0	-	0	-	-	-	-	-	-
CORMEN ...	9-9	144	6.1	0.5	3.3	-	9.4	24	-4.2	24	-	-	143	146	15	9	20	19	-	-	-	-	-	11	20	-	-	-	-	-	-	-	
HAWARDEN BRIDGE ...	9-9	5	( 9.3 )	( 3.1 )	( 6.2 )	( 1.9 )	11.8	10.21	-0.3	5	-	-	52	105	7	10	21	16	3	0	1	0	0	1	1	-	0	-	-	-	-	-	-
LOGGERHEADS ...	9-9	210	7.2	1.4	4.3	-	10.4	11	-2.3	14	4.8	5.5	73	8	4	20	16	4	1	1	1	0	2	9	13	-	0	1.75	-	-	-	-	
PRESTATYN ...	9-9	1	8.9	4.1	6.5	+1.8	12.4	11	0.6	28	-	-	51	110	8	8	18	14	0	0	0	0	0	0	0	-	0	2.42	104	-	-	-	-
RHYL ...	9-9	9	8.9	3.6	6.3	+1.8	12.3	11	0.4	5.14	-	-	58	129	7	8	17	15	0	0	0	0	0	0	0	-	0	2.25	-	-	-	-	-
RUTHIN ...	9-9	76	8.8	2.8	5.8	-	11.5	24	-3.7	5	-	-	66	17	2	19	12	0	0	0	0	0	0	4	-	-	0	1.92	-	-	-	-	-
WREXHAM ...	9-9	88	8.9	2.1	5.5	+1.7	12.6	8	-1.5	28	-	-	5.9	78	-	15	11	19	14	5	0	0	0	7	12	-	0	-	-	-	-	-	-
POWYS (NORTH)																																	
CEINNS ...	9-9	61	8.7	1.2	4.9	-	12.0	1	-5.0	6	-	-	207	31	8	19	19	0	-	0	0	0	2	8	18	-	0	-	-	-	-	-	-
LAKE YRYNMY ...	9-9	303	6.3	1.0	3.7	+1.4	9.5	10	-2.2	28	4.0	-	188	25	8	20	18	7	4	0	2	0	2	9	18	-	4	-	-	-	-	-	-
MOEL CYNNEDD ...	9-9	358	6.3	0.6	3.5	-	9.9	10	-3.7	24	-	-	227	52	8	24	20	5	1	0	0	0	1	13	17	-	0	-	-	-	-	-	-
8A WALES S																																	
DYFED																																	
ABERPORTH ...	21-9	133	7.8	3.7	5.7	+1.1	10.7	10	0.0	6.28	-	-	116	187	19	15	20	15	2	1	0	0	5	0	1	0	1						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

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		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	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 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																							MOST IN A DAY	DATE											
8A WALES S CONTINUED																																													
WEST GLAMORGAN																																													
MUMBLES HEAD ...	21-9	36	8.7	4.6	6.7	-	11.3	23	0.4	6	-	-	-	-	-	-	-	1	0	1	0	0	0	0	0	7	0	5	-	-	-														
NEATH ...	9-9	62	8.8	3.5	6.1	-	11.4	21	-0.5	14	-	-	162	193	32	14	19	13	1	0	0	0	0	0	1	11	10	2	2.72	-	-														
PENMAEN ...	9-9	85	8.8	3.8	6.3	-	11.3	21	0.9	6	6.5	7.2	159	137	21	10	19	18	1	0	1	1	1	0	1	11	10	2	2.39	-	-														
PORT TALBOT ...	9-9	7	9.5	3.5	6.5	-	11.5	10	-2.0	14	-	-	-	-	29	14	19	14	1	0	2	0	0	0	3	9	0	-	-	-	-														
SWANSEA ...	9-9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
MID GLAMORGAN																																													
LLWYNON ...	9-9	242	7.1	1.3	4.2	-	10.3	10	-2.6	14	-	-	246	185	33	10	18	16	4	0	0	0	0	0	4	11	0	0	2.10	-	S														
PORHCRAWL ...	9-9	6	9.3	3.0	6.1	-	12.0	24	0.0	24	-	-	111	17	14	20	13	-	-	-	-	-	-	0	-	-	-	0	2.66	-	S														
SOUTH GLAMORGAN																																													
CARDIFF ...	9-9	62	8.9	3.2	6.1	+1.9	11.5	9.16	-0.5	14	6.5	7.7	125	174	28	8	15	11	2	-	0	0	0	0	2	-	0	2.47	94	S															
RHOOSE AIRPORT ...	21-9	67	8.8	3.8	6.3	-	12.0	1	-1.1	25	-	-	92	-	22	8	18	13	4	0	3	2	1	4	16	12	0	2.66	-	S															
GWENT																																													
CRUMBLAND ...	9-9	245	7.4	2.2	4.8	-	12.4	21	-1.5	28	5.1	6.0	175	-	42	14	17	14	2	2	0	1	0	2	4	18	1	2.64	-	-															
MFPORT ...	9-9	23	9.0	2.7	5.9	-	13.3	21	-1.7	14	-	-	143	-	25	8	15	13	1	0	0	0	0	2	5	14	-	0	2.51	-	-														
TREDEGAR ...	9-9	513	6.9	1.9	4.4	+1.8	10.2	24	-1.5	14.28	-	-	258	-	40	14	18	14	4	2	0	0	0	4	8	14	3	2.13	-	S															
USK ...	9-9	21	9.2	-0.9	4.1	+0.2	14.5	21	-6.0	26	6.3	-	178	-	41	10	13	13	1	0	0	0	0	18	20	-	0	2.28	99	-															
8B ENGLAND SW																																													
AVON																																													
BATH ...	9-9	118	8.3	2.9	5.6	-	11.4	11.21	-1.0	24	6.2	-	137	-	33	8	16	15	1	1	0	0	0	0	2	2	1	2.25	100	-															
FILTON ...	21-9	59	8.7	3.5	6.1	+1.9	12.7	21	-3.7	25	-	-	105	-	21	10	13	12	3	1	0	0	0	3	5	14	15	0	2.69	113	-														
LONG ASHTON ...	9-9	51	8.9	2.8	5.9	+1.6	11.8	10.11	-1.8	25	6.0	-	121	209	23	8	16	13	1	0	0	0	0	0	3	5	-	1	-	-															
SOMERSET																																													
CANNINGTON ...	9-9	23	-	-	-	-	-	-	-	-	-	-	107	218	29	15	14	11	0	-	2	0	0	1	-	15	-	2	-	-															
CHEDDAR ...	9-9	11	-	-	-	-	-	-	-	-	-	-	81	-	42	10	12	10	0	0	0	0	0	0	-	-	0	-	-	-															
DOWNSIDE ABBEY ...	9-9	183	8.3	2.4	5.3	-	11.0	21	-1.5	25	-	-	198	-	40	8	18	15	0	0	0	0	0	1	7	-	0	-	-	-															
EXTON ...	21-9	336	7.1	2.3	4.7	-	10.2	21	-1.6	28	-	-	200	-	39	8	21	17	7	1	2	1	1	4	6	15	12	0	-	-															
HAWKRIDGE ...	9-9	314	7.2	1.9	4.5	-	10.1	10	-1.6	25.28	-	-	203	-	55	8	21	18	3	1	2	2	0	3	5	17	-	0	(2.41)	-															
NETTLECOMBE ...	9-9	96	9.2	2.9	6.1	-	12.7	21	-1.3	25	6.3	-	181	-	29	8	17	15	0	0	0	0	0	0	3	16	-	0	-	-															
RODNEY STONE ...	9-9	40	8.6	2.7	5.7	-	11.3	10	-3.2	25	6.2	7.3	99	-	16	14	16	13	0	0	0	0	0	3	5	12	-	0	-	-															
WINCANTON ...	9-9	114	(8.8)	(2.4)	(5.6)	-	(11.1)	11	(-1.3)	25	-	-	110	-	23	10	17	15	1	1	3	0	2	7	14	-	5	-	-	-															
YEOVILTON ...	21-9	18	9.4	3.5	6.5	-	11.9	21	-3.0	24	-	-	95	-	25	10	19	14	2	0	0	0	0	3	7	11	7	5	-	-															
DORSET																																													
BOURNEMOUTH																																													
HURN AIRPORT ...	21-9	10	9.4	3.2	6.3	-	12.1	21	-3.5	25	-	-	116	-	25	10	17	14	1	0	0	2	0	0	7	14	7	1	2.74	-	-														
MEYRICK PARK ...	9-9	40	9.2	3.2	6.2	+1.7	12.1	21	-0.8	14	6.5	7.3	130	246	33	10	19	15	1	0	0	1	0	0	6	8	-	6	2.99	105	-														
CHRISTCHURCH ...	9-9	3	9.5	3.5	6.5	-	12.5	11	-1.3	8	-	-	142	-	31	10	17	15	1	0	0	0	0	0	5	13	-	4	-	-															
POOLE ...	9-9	5	9.7	2.4	6.1	+1.6	12.8	21	-2.6	25	7.0	7.7	135	-	34	10	18	16	1	0	1	0	0	0	6	11	-	2	2.85	99	-														
PORTLAND BILL (COASTGUARD) ...	21-9	53	9.1	5.3	7.2	+1.7	12.5	12	1.3	28	-	-	83	-	18	14	11	10	0	0	0	0	0	0	0	5	2	7	3.01	-	-														
SHAFTESBURY ...	9-9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
SWANAGE ...	9-9	11	9.5	4.3	6.9	+1.8	12.2	21	-0.3	14	-	8.6	120	214	31	10	16	12	1	0	0	0	1	0	1	6	-	1	2.89	104	-														
WEYMOUTH ...	9-9	23	10.0	3.8	6.9	-	12.2	21	-0.1	20	-	-	131	-	31	10	17	16	0	0	0	0	0	0	1	-	-	3	3.14	106	-														
WIMFRITH ...	9-9	26	9.7	2.2	5.9	-	13.5	21	-2.5	3.24.25	-	-	161	-	37	10	17	16	1	0	0	0	0	1	7	18	-	0	-	-															
DEVON																																													
CHELDON BARTON ...	21-9	164	8.6	3.1	5.9	-	11.4	10	-1.3	25	6.6	-	112	-	30	8	22	17	2	0	1	0	0	1	3	14	-	0	2.53	-	-														
CHIVENOR ...	21-9	6	9.6	4.5	7.1	+1.6	12.4	10	-0.8	24	-	-	122	-	16	8	20	16	2	0	1	5	1	1	1	10	5	2	2.68	96	-														
EXETER AIRPORT ...	21-9	32	9.5	3.8	6.7	+1.8	12.4	8	-1.5	14	-	-	141	-	29	14	18	14	2	0	0	2	1	0	4	16	8	0	2.54	95	-														
EXMOUTH ...	9-9	59	9.7	4.3	7.0	+2.3	13.7	21	0.8	25	-	-	135	-	29	14	16	15	1	0	0	0	0	0	0	-	3	3.39	115	-															
HARTLAND POINT ...	21-9	91	8.3	5.3	6.8	+1.6	11.6	9.10	0.6	6	-	-	115	205	19	28	16	13	0	0	0	2	0	0	0	0	0	7	2.57	94	-														
NEWTON ABBOT ...	9-9	83	9.7	3.4	6.5	+1.6	15.1	21	0.1	25	-	-	202	246	47	10	20	16	1	0	2	0	0	0	0	11	-	3	3.39	121	-														
PLYMOUTH																																													
MOUNT BATTEN ...	21-9	27	9.7	4.6	7.1	+1.6	12.5	21	-0.3	25	-	-	191	258	30	14	18	16	2	0	0	5	2	0	1	8	5	9	3.10	110	-														
THE MOE ...	9-9	36	9.7	4.3	7.0	+1.4	12.6	21	0.6	14.25	7.5	8.2	165	223	27	14	18	17	2	0	1	0	0	0	0	0	0	0	3	3.14	110	-													
PRADLE POINT ...	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

FEBRUARY 1974

DISTRICT COUNTY AND PLACE	MAX. TEMPERATURE (HOUR)	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	GALE	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													
NORTHERN IRELAND																															
LONDONDERRY																															
AGHANLOO ...	9.9	18	8.9	2.4	5.7	-	11.6	3.4	0.0	6	-	-	75	12	15	17	16	-	-	-	-	-	-	-	0	13	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9.9	216	7.4	1.7	4.5	-	9.5	1.8	-1.1	14	-	-	149	30	14	23	19	6	3	0	0	0	0	0	5	7	-	2	1	1.71	
COLERAINE UNIVERSITY ...	9.9	23	8.1	2.1	5.1	-	11.6	8	-2.7	14	5.1	6.4	92	15	28	20	15	-	-	-	-	-	-	1	5	18	-	-	-	2.03	
COOLKEERAGH ...	9.9	3	9.0	2.6	5.8	-	11.2	8	-1.0	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	
DERRYNOYD FOREST ...	9.9	88	8.0	1.7	4.9	-	11.8	23	-1.5	18	-	-	141	33	14	25	20	2	2	0	0	0	0	0	10	7	-	-	-	-	
GARYVAGH FOREST ...	9.9	88	7.8	1.5	4.7	-	11.7	8	-1.9	14, 18	4.3	5.7	149	23	14	21	18	5	1	1	0	0	0	0	10	17	-	-	-	-	
LOUGHMORE FOREST ...	9.9	174	7.4	1.0	4.2	-	10.0	26	-3.9	14	-	-	113	19	15	23	17	7	6	0	0	0	0	0	10	17	-	-	-	-	
MONEYDIG ...	21-9	34	8.4	2.3	5.3	+1.6	12.1	8	-2.9	14	5.3	-	108	150	17	14	23	19	6	1	0	0	0	0	1	9	12	11	0	-	
SOMERSET FOREST ...	9.9	43	8.5	2.4	5.5	-	11.1	8	-1.9	14	-	-	106	20	28	19	16	1	0	0	0	0	0	0	4	10	-	-	-	-	
TRAID POINT ...	9.9	16	8.2	2.6	5.4	-	11.1	8	-1.0	14	-	-	74	10	14	21	13	2	-	-	-	-	-	-	2	-	-	-	-	-	
ANTRIM																															
ALDERGROVE AIRPORT ...	21-9	68	8.0	2.7	5.3	+1.5	11.1	8	-2.7	14	4.9	6.6	58	10	5	21	12	3	0	0	0	0	0	5	12	11	0	0	2.05	85	
ALTNAHINCH ...	9.9	226	6.5	1.2	3.9	-	10.0	21.26	-2.0	14	-	-	118	17	28	24	17	5	4	0	0	0	0	3	9	18	-	-	-	1.46	
BALLYLUMFORD ...	9.9	24	8.6	3.5	6.1	-	11.2	21.24	0.5	4	-	-	99	18	18	22	14	-	-	-	-	-	-	0	13	-	-	-	-	-	
BALLYMONEY ...	9.9	55	8.9	1.4	5.1	-	11.4	10	-2.1	14	-	-	77	13	28	24	18	2	-	0	0	0	0	0	5	-	-	-	-	-	
BALLYPATRICK FOREST ...	9.9	152	7.1	1.9	4.5	-	10.1	8.25	-1.9	14	-	-	118	15	5	22	18	4	2	0	0	0	0	0	6	10	-	1	2.12	-	
GREENMOUNT ...	9.9	32	8.4	1.2	4.8	-	11.1	10	-4.2	14	5.2	-	62	9	5	14	13	2	0	0	0	0	0	0	7	15	-	-	-	-	
KILROOT ...	9.9	22	8.4	3.0	5.7	-	11.6	8.24	-2.0	14	-	-	83	11	15	17	16	0	0	0	0	0	0	1	2	10	-	-	-	-	
LARNE ...	9.9	43	8.8	2.6	5.7	-	12.2	23	-1.7	14	-	-	113	16	15	20	14	2	0	0	0	0	0	0	2	-	-	-	-	-	
LISNAFILLAN ...	9.9	38	8.4	1.7	5.1	-	11.0	8	-3.2	14	-	-	86	14	28	19	13	0	0	0	0	0	0	0	7	13	-	-	-	2.15	
LOWTOWN ...	9.9	271	6.2	1.3	3.7	-	8.3	10.23	-3.5	14	3.9	-	137	15	5	26	21	3	3	0	0	0	0	7	8	20	3	3	2.15	1.70	
MALUSKI(HYDE PARK) ...	9.9	134	7.5	1.9	4.7	-	11.0	23	-2.0	13	-	-	91	22	3	14	12	-	0	-	-	-	-	-	1	4	19	-	-	-	
PARKMORE FOREST ...	9.9	235	6.3	0.8	3.5	-	9.1	23	-3.6	14	4.0	-	162	24	12	23	18	3	5	0	0	0	0	1	12	19	-	-	-	-	
WOODBURN NORTH ...	9.9	217	6.7	1.5	4.1	-	10.4	8	-2.3	14	-	-	105	133	14	23	17	1	2	0	0	0	0	3	7	16	-	-	-	-	
BELFAST																															
MALONE ...	9.9	35	-	-	-	-	-	-	-	-	-	-	91	17	28	21	12	2	0	0	0	0	0	0	4	17	-	3	-	-	
MILLTOWN ...	9.9	37	8.5	2.5	5.5	-	12.7	23	-2.2	14	-	-	72	10	15	21	12	2	0	0	0	0	0	0	1	16	9	0	2.10	-	
NEWTOWNABBEY ...	9.9	32	8.3	3.6	5.9	-	11.5	8	-1.0	14	5.6	-	75	10	15	17	13	2	0	0	0	0	0	0	4	-	-	-	-	-	
ROSEBANK ...	9.9	47	8.5	2.5	5.5	-	11.5	23	-1.9	6	-	-	75	12	14	13	11	-	0	-	-	-	-	-	4	-	-	-	-	-	
ROSETTA ...	9.9	24	8.3	2.5	5.4	-	11.3	10	-2.6	14	-	-	73	13	15	15	12	1	0	0	0	0	0	0	2	-	-	-	-	-	
STORMONT CASTLE ...	9.9	56	8.4	2.7	5.5	-	12.2	9.10	-1.3	14	4.9	6.1	85	16	15	20	13	3	0	1	1	0	0	3	1	18	-	-	-	1.99	
DOWN																															
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	91	17	28	21	12	2	0	0	0	0	0	0	4	17	-	3	-	-	
COMBER CEMETERY ...	9.9	11	8.4	2.7	5.5	-	11.5	8	-3.0	14	-	-	82	15	14	21	12	-	-	-	-	-	-	-	0	14	-	-	-	-	
CREIGHTONS GREEN ...	9.9	119	7.5	2.4	4.9	-	10.4	8	0.0	28	-	-	87	16	15	14	13	-	-	-	-	-	-	1	2	10	-	-	-	-	
DOWNPATRICK ...	9.9	26	8.7	3.3	6.0	-	11.7	8	-0.1	14, 18	-	-	80	14	28	19	12	-	-	-	-	-	-	-	0	14	-	-	-	-	
HELENS BAY ...	9.9	43	8.0	3.4	5.7	-	11.2	8	0.2	14	-	-	91	15	15	16	13	0	0	0	0	0	0	0	0	13	-	0	2.16	-	
HILLSBOROUGH ...	9.9	116	7.5	2.7	5.1	+1.4	10.5	8	-0.7	18	5.3	6.5	66	10	15	18	16	0	0	0	0	0	0	0	3	17	-	0	2.10	90	
KILKEEL ...	21-9	18	8.7	3.5	6.1	-	11.6	23	-1.0	13, 14	-	-	65	10	28	15	12	0	0	0	0	0	0	0	2	5	2	3	2.26	-	
KILLBOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	15	-	2	2.41	-	
MURLOUGH ...	9.9	9	8.8	3.0	5.9	-	12.8	8	-4.6	18	5.2	6.0	89	14	28	17	14	0	0	0	0	0	0	1	4	15	-	2	2.41	-	
NEWRY ABBEY ...	9.9	10	9.2	2.7	5.9	-	11.9	8	-5.1	18	-	-	67	26	14	15	11	-	-	-	-	-	-	-	3	-	-	-	-	-	
ARMAGH																															
ARMAGH ...	9.9	62	7.9	2.3	5.1	+0.8	10.9	8	-1.3	7	5.0	6.2	60	108	8	14	21	14	2	1	0	0	0	0	6	19	-	3	2.13	88	
LOUGHGALL ...	9.9	25	8.3	2.4	5.3	-	11.5	8	-2.9	18	-	-	59	8	14	20	14	1	0	0	0	0	0	0	4	17	-	0	2.27	-	
LURGAN ...	9.9	55	8.2	2.5	5.3	-	11.6	23	-1.8	18	5.0	6.3	53	8	3	19	14	0	-	0	0	0	0	-	4	12	-	-	-	1.93	
PORTADOWN ...	9.9	16	8.5	2.8	5.7	-	11.7	8	-1.2	14	5.6	6.7	58	10	14	19	14	0	-	0	0	0	0	-	3	16	-	0	-	-	
TANDRAGEE ...	9.9	43	8.9	2.7	5.8	-	12.0	24.25	-2.0	18	-	-	60	11	14	20	12	-	-	-	-	-	-	-	3	-	-	-	-	-	
TYRONE																															
BARONSCOURT FOREST ...	9.9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARRIGANS ...	21-9	113	8.0	2.0	5.0	-	11.0	26	-2.6	14	-	-	98	13	14	22	20	6	1	0	0	0	0	1	7	20	10	0	1.97	-	
COOKSTOWN ...	9.9	77	7.9	0.7	4.3	-	11.4	8	-4.6	14	4.6	-	91	16	14	23	15	0	-	0	0	0	0	1	12	18	-	-	-	2.32	
KNOCKMANY FOREST ...	9.9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISLAP FOREST ...	9.9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGH BRADAN ...	9.9	169	7.1	1.0	4.1	-	10.9	26	-3.6	14	-	-	130	20	14	24	22	-	4	-	-	-	-	1	9	19	-	-	-	2.15	
POWEROY FOREST ...	9.9	165	7.4	1.4	4.4	-	11.3	26	-2.5	14	4.8	-	91	18	14	21	16	5	7	0	0	0	0	1	9	19	-	-	-	-	
STRABANE CONVENT ...	9.9	44	8.7	2.6	5.7	-	11.3	8	-2.0	19	-	-	88	14	14	21	19	6	0	1	3	0	0	0	2	17	-	2	2.22	-	
FERMANAGH																															
CASTLE ARCHAOLE ...	9.9	66	8.2	1.5	4.9	+1.0	11.0	26	-2.0	14, 18, 19	5.1	6.1	101	15	14	26	19	-	0	-	-	-	-	0	9	17	-	0	2.16	85	
FOREST ...	9.9	156	7.5	1.7	4.6	-	10.0	2																							







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 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													
								MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW	
NUMBER OF OBSERVATIONS																																						
6 SCOTLAND W -CONTO. DUMFRIESHSIRE																																						
ESKDALEMUIR 237	3	1004.8	-	3.0	0.7	6.9	89	6.0	3	2	2	7	14	0	0	0	0	2	1	5	7	8	5	0	0	2	9	10	7	0	2	0	0	5	4	5	3	2
	9	1004.9	- 8.3	2.9	0.6	6.9	90	6.5	2	1	2	10	13	0	0	0	0	1	2	12	5	6	1	0	2	11	9	6	3	0	0	0	5	3	8	1	0	
	15	1003.8	-	4.7	1.2	7.1	82	6.7	0	1	2	14	11	0	0	0	0	0	0	3	4	8	10	3	0	1	13	11	3	3	0	0	0	5	3	8	3	0
	21	1004.8	-	3.3	0.6	7.1	90	6.6	2	1	2	6	16	1	0	1	0	0	3	4	10	4	4	2	0	1	10	11	6	2	0	0	0	7	3	7	2	1
2 ENGLAND E & NE NORTHUMBERLAND																																						
ACKLINTON 46	3	1005.0	-	4.1	0.6	7.5	91	6.2	2	2	2	10	11	1	1	0	0	0	0	1	9	1	11	5	0	3	8	14	3	3	0	0	0	3	6	1	12	0
	9	1005.0	- 7.8	4.3	0.6	7.5	90	5.8	0	7	0	10	11	0	0	0	0	0	3	3	6	5	9	2	0	1	9	16	2	2	0	0	0	1	10	2	9	2
	15	1004.0	-	6.4	1.4	7.8	80	6.1	0	3	5	9	10	1	0	0	1	2	2	3	5	6	7	0	2	11	15	0	6	0	0	6	4	4	8	0		
	21	1004.8	-	4.5	0.7	7.6	89	5.0	3	5	5	4	9	2	0	0	2	0	0	1	5	8	8	4	0	2	7	17	2	2	1	0	1	7	2	10	3	
SEAHOUSES 12	3	1004.2	-	5.1	0.9	7.5	85	6.1	1	3	3	10	10	1	0	1	0	0	2	6	10	9	0	0	2	11	15	0	2	0	0	0	1	10	7	7	1	
	9	1004.3	-	4.8	1.0	7.3	83	6.1	0	4	4	8	10	2	0	1	0	1	1	2	10	0	0	0	3	7	16	2	3	0	0	0	1	11	6	5	1	
	15	1003.5	-	6.6	1.5	7.7	79	5.5	0	7	4	7	9	1	0	1	0	0	2	3	6	5	8	3	1	14	12	0	4	1	1	2	10	5	5	0		
	21	1004.2	-	5.4	1.1	7.5	82	5.1	3	6	2	5	10	2	0	1	0	1	0	1	10	4	11	0	1	10	16	1	1	1	0	3	5	7	8	2		
TYNE & WEAR																																						
TYNEMOUTH 40	3	1005.4	-	5.2	0.8	7.8	87	5.5	2	3	7	6	9	1	0	0	0	1	0	0	1	22	3	1	0	7	11	9	1	1	0	2	0	9	3	11	1	
	9	1005.1	- 8.2	5.1	0.9	7.7	86	6.1	2	4	1	9	12	0	0	0	0	3	3	6	14	2	0	0	6	12	8	2	2	0	1	1	9	3	10	0		
	15	1004.4	-	6.6	1.4	7.8	79	6.0	1	3	6	6	11	1	-	-	-	-	-	-	-	-	-	-	1	3	15	8	1	2	0	1	11	2	9	1		
	21	1005.1	-	5.8	1.0	7.9	85	5.1	5	3	4	5	10	1	0	1	0	1	1	3	4	17	1	0	1	4	14	7	2	1	0	1	2	6	3	13	0	
NORTH YORKSHIRE																																						
LEEMING 33	3	1006.1	-	4.9	0.8	7.6	87	6.4	2	2	1	11	12	0	0	0	1	0	2	2	5	5	10	3	0	0	10	16	2	1	0	1	6	5	4	4	5	
	9	1006.2	- 7.6	4.4	0.7	7.5	89	5.9	0	7	1	8	14	0	0	0	1	0	4	1	7	3	7	5	0	0	6	20	2	1	0	1	10	5	2	3	4	
	15	1005.2	-	6.8	1.5	7.9	79	6.7	0	3	1	10	14	0	0	0	0	2	1	10	6	4	5	0	0	16	12	0	4	0	1	5	8	4	4	2		
	21	1006.1	-	5.3	0.9	7.8	86	5.3	2	7	2	5	11	1	0	0	1	0	4	2	4	7	5	0	0	1	9	16	2	2	0	2	6	3	3	9	1	
WHITBY C.O. 86	3	1005.8	-	5.0	0.8	7.6	87	5.1	4	1	9	2	11	1	0	1	0	0	0	1	10	14	2	0	0	5	13	9	1	0	0	1	3	7	10	6	0	
	9	1005.3	-	4.9	0.9	7.5	85	6.1	2	2	3	8	13	0	0	0	0	2	3	17	3	0	0	0	5	14	8	1	0	1	1	1	10	9	3	2		
	15	1004.9	-	6.7	1.4	7.8	79	6.4	0	1	7	6	13	1	0	0	0	1	0	1	4	14	8	0	1	3	15	5	4	1	0	0	3	9	6	3	2	
	21	1005.7	-	5.2	1.0	7.5	84	5.3	4	4	3	3	13	1	0	1	0	0	0	0	14	13	0	0	1	6	13	6	2	1	0	0	4	5	13	3	0	
HUMBERSIDE																																						
KILNSEA 16	3	1007.1	-	4.8	0.7	7.7	88	5.8	3	2	4	5	12	2	0	1	1	0	0	0	5	21	0	0	0	7	10	8	3	0	0	3	1	7	7	6	1	
	9	1007.2	- 6.7	5.1	0.8	7.7	87	5.8	0	3	7	10	8	0	0	0	0	0	0	1	9	18	0	0	0	5	12	8	3	0	1	1	2	9	5	2		
	15	1006.2	-	6.8	1.3	8.0	81	6.4	0	1	6	10	11	0	0	0	0	0	0	0	11	17	0	0	2	6	13	4	3	2	0	2	1	8	6	5	1	
	21	1007.2	-	5.5	0.9	7.8	86	5.1	3	6	5	2	11	1	0	1	0	0	0	0	5	22	0	0	1	6	12	8	1	2	1	3	0	8	6	6	1	
LINCOLNSHIRE																																						
BINBROOK 112	3	1007.5	-	3.5	0.6	7.1	90	5.9	2	1	5	8	10	2	2	0	0	0	0	6	8	6	5	1	0	3	13	12	0	0	1	2	2	8	9	5	1	
	9	1007.5	-	4.1	0.6	7.5	89	5.8	0	5	4	11	8	0	0	0	0	0	1	3	9	9	7	0	0	3	14	10	1	0	1	2	1	12	7	1	3	
	15	1006.5	-	6.0	1.4	7.5	79	6.4	0	0	7	13	8	0	0	0	0	0	0	9	8	9	1	0	4	16	8	0	1	1	2	2	9	6	5	2		
	21	1007.5	-	4.0	0.6	7.3	89	5.4	2	5	3	8	9	1	0	1	0	0	1	2	13	4	7	0	0	4	13	8	3	1	1	2	3	6	6	1		
WADDINGTON 70	3	1007.4	-	4.2	0.5	7.6	92	5.8	5	1	1	10	9	2	0	1	1	0	1	1	9	10	5	0	0	1	10	14	3	1	2	1	5	3	7	5	1	
	9	1007.5	- 7.0	4.6	0.6	7.8	90	5.9	0	7	2	8	11	0	0	0	0	1	7	6	7	7	0	0	2	8	16	2	0	1	2	4	6	6	4	3		
	15	1006.5	-	6.9	1.3	8.1	81	6.3	0	3	2	15	8	0	0	0	0	0	0	2	11	4	10	1	0	2	15	11	0	1	2	1	2	7	9	4	2	
	21	1007.5	-	5.0	0.7	7.9	89	5.9	5	1	1	7	13	1	0	1	0	0	0	4	12	5	6	0	0	1	12	14	1	1	2	3	3	4	9	4	1	
3 EAST ANGLIA NORFOLK																																						
COLTISHALL 17	3	1008.3	-	5.0	0.8	7.7	87	6.0	3	2	2	8	13	0	0	0	0	1	1	2	7	10	7	0	0	0	10	15	3	1	1	2	1	7	7	3	3	
	9	1008.5	-	5.0	0.8	7.7	87	6.5	0	4	2	8	14	0	0	1	0	1	3	7	8	7	J	0	0	1	9	15	3	0	2	1	0	11	4	3		
	15	1007.4	-	7.4	1.6	8.0	77	6.5	0	1	5	11	11	0	0	0	0	0	0	9	8	11	0	0	4	16	5	3	2	1	2	0	11	4	4	1		
	21	1008.3	-	5.5	0.9	7.8	85	5.7	2	3	5	6	12	0	0	0	1	0	0	2	7	13	5	0	0	1	12	12	3	2	1	2	2	7	6	3	2	
GORLESTON 8	3	1008.6	-	5.7	1.1	7.7	83	4.9	9	1	2	0	16	0	0	0	0	0	2	7	19	0	0	0	5	10	12	1	2	2	2	1	8	6	4	2		
	9	1008.8	- 5.9	5.4	1.0	7.6	84	6.4	3	0	3	6	16	0	0	1	0	1	0	2	13	11	0	0	2	4	9	11	2	1	1	2	2	10	4	4		
	15	1008.0	-	6.9	1.4	7.9	79	6.2	1	1	7	5	14	0	0	0	0	0	2	18	8	0	0	1	7	11	7	2	3	2	1	0	14	1	3	2		
	21	1008.6	-	6.2	1.2	7.9	82	5.2	9	0	1	1	16	1	-	-	-	-	-	-	-	-	-	-	2	4	13	9	0	3	3	1	0	13	1	4	3	
NARNHAM 24	3	1008.3	-	4.4	0.7	7.6	89	5.6	5	2	1	6	14	0	0	0	0	1	1	0	7	13	3	3	0	0	10	18	0	3	2	2	2	10	5	1	3	
	9	1008.5	- 6.3	4.9	0.7	7.8	88	6.7	1	1	1	11	14	0	0	0	0	1	4	10	6	4	3	0	2	10	15	1	0	1	3	3	10	3	3	4		
	15	1007.5	-	7.1	1.5	8.1	79	6.7	0	2	3	9	14	0	0	0	1	0	1	8	6	9	3	0	3	15	10	0	3	2	1	1	10	4	5	2		
	21	1008.5	-	5.3																																		



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 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 (Hb)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES F	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					SPEED (KT)	D	N	NE	E	SE	S	SW	W	NW	
								0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	8 OR MORE	6-7	4-5	1-3											CALM
NUMBER OF OBSERVATIONS																																						
3 EAST ANGLIA -CONTO. ESSEX																																						
SHOEBURYNESSE	5	9	1009.3	-6.1	5.9	0.9	8.2	97	6.5	0	4	2	5	17	0	0	0	0	1	1	2	5	16	3	0	1	4	9	13	1	5	0	2	0	10	4	3	3
	15	9	1008.4	-	7.8	1.5	8.5	80	6.1	0	3	5	12	8	0	0	0	0	0	2	7	9	10	0	1	4	11	11	1	5	3	1	1	7	7	3	2	
	21	9	1009.6	-	6.1	1.0	8.1	85	5.3	2	5	4	7	10	0	0	0	0	0	1	3	11	12	0	0	2	16	9	1	5	1	1	0	11	5	2	2	
STANSTED	102	3	1008.5	-	4.4	0.6	7.7	90	6.5	0	4	0	11	12	1	1	0	0	0	0	1	11	13	2	0	0	0	8	20	0	6	2	0	2	6	6	5	1
	9	9	1008.8	-6.5	4.9	0.6	8.0	90	6.3	1	3	1	10	13	0	0	0	0	0	2	1	11	8	6	0	0	0	7	20	1	3	1	2	2	8	5	2	4
	15	15	1007.7	-	7.1	1.5	7.9	78	6.4	0	1	5	11	11	0	0	0	0	0	0	2	9	5	11	1	0	0	14	13	1	3	3	1	0	7	5	3	3
WALTON-ON-THE-NAZE	8	3	1008.9	-	-	-	-	-	5.3	4	5	3	3	12	1	0	0	0	1	0	0	2	25	0	0	0	2	9	15	2	3	2	2	1	5	4	7	2
	9	9	1009.2	-	-	-	-	-	6.8	1	3	1	2	20	1	0	0	0	1	0	0	2	5	20	0	0	4	9	11	4	1	2	2	0	7	3	5	4
	15	15	1008.2	-	-	-	-	-	6.1	0	2	9	4	12	1	0	0	0	0	2	7	18	0	0	0	4	13	7	4	1	4	0	0	6	7	2	4	
21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
4 MIDLAND COUNTIES WEST YORKSHIRE																																						
HUDDERSFIELD OAKES	235	3	1006.5	-	3.4	0.6	7.1	90	6.7	1	0	4	7	15	1	1	0	0	0	0	2	11	11	3	0	2	2	13	11	0	2	2	1	1	4	5	10	3
	9	9	1006.5	-	3.9	0.6	7.4	91	6.1	4	2	0	6	14	2	2	0	0	0	0	4	8	9	5	0	3	1	6	18	0	0	1	1	5	1	9	7	4
	15	15	1005.7	-	5.7	1.2	7.5	81	6.6	1	0	3	13	11	0	0	0	0	0	0	1	4	18	5	0	0	9	8	11	0	3	0	1	2	3	7	10	2
OAKES	21	21	1006.7	-	4.1	0.6	7.4	89	6.0	1	2	7	5	13	0	0	0	0	1	0	3	4	14	6	0	1	7	7	13	0	2	0	2	1	5	3	9	6
WILSON	267	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	9	9	1006.6	-	3.6	0.7	7.2	89	6.6	2	1	3	5	13	4	0	1	0	3	2	1	13	8	0	0	0	1	11	16	0	0	1	3	2	6	8	4	4
	15	15	1005.7	-	5.0	1.1	7.3	83	5.9	0	2	3	6	15	2	0	0	0	2	1	0	9	14	1	0	0	3	12	11	2	1	1	1	5	2	7	6	3
SOUTH YORKSHIRE	21	21	1006.9	-	4.0	0.7	7.3	89	5.9	2	1	7	3	14	1	0	1	0	1	0	3	11	12	0	0	0	3	8	14	5	1	0	2	5	2	4	9	2
FINNINGLEY	15	3	1006.7	-	4.5	0.7	7.6	89	5.8	2	3	3	9	10	1	0	1	0	1	3	0	11	4	7	1	0	1	10	15	2	1	1	1	4	5	8	5	1
	9	9	1006.8	-7.6	4.8	0.8	7.7	88	6.0	0	5	4	4	15	0	0	0	0	2	2	4	4	9	6	1	0	0	13	14	1	2	0	2	5	11	1	4	2
	15	15	1005.8	-	7.4	1.8	7.8	74	6.4	0	3	4	9	12	0	0	0	0	0	0	1	7	8	10	2	0	0	17	10	0	3	1	2	2	8	5	4	3
NOTTINGHAMSHIRE	21	21	1006.9	-	4.9	0.8	7.6	87	5.6	1	6	4	4	13	0	0	0	0	0	0	7	7	7	6	1	0	0	12	13	3	1	0	2	6	3	5	6	2
WATNALL	119	3	1007.3	-	4.3	0.6	7.7	91	6.3	3	1	3	8	12	1	0	0	1	1	2	6	7	9	2	0	0	1	7	17	3	0	2	1	1	8	6	6	1
	9	9	1007.4	-7.1	4.7	0.8	7.6	84	6.0	0	5	3	8	10	2	0	2	0	0	3	5	7	7	4	0	0	1	9	16	2	0	2	1	2	7	5	5	4
	15	15	1006.4	-	7.0	1.6	7.8	77	6.7	0	2	2	10	14	0	0	0	0	0	2	3	9	4	10	0	0	0	17	11	0	2	1	3	2	4	11	1	4
SALOP	21	21	1007.6	-	5.0	0.8	7.7	87	6.1	1	3	3	9	12	0	0	0	0	2	1	3	8	8	6	0	0	0	12	16	0	3	0	3	0	5	6	9	2
SHAMSBURY	76	3	1007.1	-	4.7	0.7	7.7	89	6.2	1	4	1	9	13	0	0	0	0	2	0	3	4	6	13	0	0	0	6	20	2	1	2	1	2	9	3	4	4
	9	9	1007.0	-7.8	4.7	0.6	7.8	90	6.5	0	2	5	10	11	0	0	0	0	0	1	4	2	10	10	1	0	0	9	15	4	1	2	1	1	10	5	2	2
	15	15	1006.3	-	7.6	1.5	8.3	79	6.6	0	2	3	12	11	0	0	0	0	0	0	6	3	16	3	0	0	0	15	13	0	5	0	2	4	3	5	7	2
WEST MIDLANDS	21	21	1007.6	-	5.3	0.7	7.9	88	6.2	0	1	7	10	11	0	0	0	0	0	0	4	5	4	16	1	0	0	10	16	2	1	2	3	3	5	8	2	
EDGBASTON	165	9	1007.7	-7.4	4.7	0.7	7.7	88	6.5	0	3	3	8	12	2	0	1	1	0	1	13	9	2	0	0	3	5	17	3	2	1	1	2	7	7	3	2	
	15	15	1006.8	-	7.0	1.7	7.6	75	6.8	0	1	4	13	10	0	0	0	0	0	0	11	13	3	1	0	1	11	16	0	1	2	2	0	8	5	6	4	
	21	21	1008.2	-	5.3	1.0	7.6	85	5.9	0	4	5	8	11	0	0	0	0	1	0	2	9	10	6	0	0	0	11	17	0	2	2	2	1	8	2	8	3
ELMDON	100	3	1007.7	-	4.4	0.7	7.5	89	6.4	1	1	5	8	14	1	0	1	1	1	3	2	10	8	1	0	1	9	16	2	1	2	1	5	6	5	2	4	
	9	9	1007.7	-7.3	4.8	0.9	7.6	86	6.4	0	3	3	11	9	2	0	1	1	0	0	4	8	12	1	1	0	3	7	17	1	2	1	2	3	8	6	3	2
	15	15	1006.9	-	7.3	1.7	7.9	76	6.8	0	1	4	12	11	0	0	0	0	0	1	6	16	5	0	0	2	14	11	1	1	2	2	1	9	5	4	3	
HEREFORD & WORCESTER	21	21	1008.2	-	5.1	1.0	7.5	84	5.6	2	5	2	8	11	0	0	0	0	1	3	8	10	6	0	0	1	12	12	3	0	1	3	4	4	7	4	2	
PERSHORE	36	3	1007.7	-	4.7	0.7	7.7	89	6.1	1	4	3	6	12	2	0	2	0	0	1	0	7	4	9	5	0	1	7	17	3	2	2	1	4	8	3	5	0
	9	9	1007.7	-	5.1	0.8	7.9	88	6.7	0	2	2	11	10	3	0	2	1	0	2	1	4	7	10	1	0	3	5	20	0	1	1	1	2	12	6	1	4
	15	15	1007.0	-	7.9	1.8	8.1	76	6.7	0	2	1	15	10	0	0	0	0	0	1	1	5	7	11	3	0	4	16	8	0	2	1	3	1	10	2	6	3
ROSS-ON-WYE	21	21	1008.2	-	5.4	1.0	7.7	85	5.5	0	7	6	2	14	0	0	0	1	0	1	8	4	13	1	0	0	13	14	1	1	3	1	1	7	8	4	2	
OLOURCESTERSHIRE	69	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	21	21	1008.2	-	5.8	1.0	7.9	84	5.5	2	6	0	8	12	0	0	0	0	1	0	1	8	6	12	0	0	0	6	19	3	1	0	2	2	6	7	6	1
GLOUCESTERSHIRE	24	3	1007.9	-	5.5	0.7	8.2	89	6.0	1	4	4	6	11	2	0	1	0	1	2	0	8	13	3	0	0	1	7	15	5	0	2	1	2	12	3	3	0
	9	9	1008.1																																			



	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	WET BULB DEGREES C	DEPRESSION OF VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						VISIBILITY						BEAUFORT FORCE																		
									MEAN	NUMBER OF OBSERVATIONS					0 - 50M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3000M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	SPEED (KT)														
										0	1 - 2	3 - 5	6 - 7	8											SKY OBTAINED	8 OR MORE	22-35	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW	
5 ENGLAND SE & CENT. S. -CONTD.																																							
WILTSHIRE																																							
BOSCOMBE DOWN	128	3	1008.6	-	4.4	0.6	7.7	90	5.4	7	1	1	6	13	0	0	0	0	0	1	2	8	11	6	0	0	1	2	7	15	3	1	2	2	3	8	2	5	2
		9	1008.7	-7.2	4.7	0.7	7.7	89	6.3	1	2	3	9	13	0	0	0	0	2	1	2	8	6	8	1	2	3	6	14	3	1	1	3	3	7	4	2	4	
		15	1008.0	-	7.5	1.8	7.8	74	6.3	0	2	5	9	12	0	0	0	0	0	0	7	8	12	1	1	4	15	8	0	3	1	1	6	6	3	5	4		
		21	1009.5	-	5.1	0.9	7.6	85	5.5	3	4	7	11	0	0	0	0	0	0	8	9	11	0	0	2	14	10	2	0	3	1	3	0	7	5	4	1		
LYNEHAM	149	3	1008.6	-	4.4	0.6	7.7	90	5.9	3	4	1	3	17	0	0	0	0	1	0	11	7	8	1	0	1	9	16	2	3	3	0	1	8	4	6	1		
		9	1008.6	-7.0	4.4	0.6	7.7	90	6.4	1	1	5	8	11	2	0	2	0	0	1	3	8	6	7	1	0	1	11	13	3	3	2	0	1	10	4	4	1	
		15	1007.9	-	7.1	1.5	8.0	78	6.6	0	1	6	9	12	0	0	0	0	0	7	11	7	3	0	2	15	10	1	3	2	2	0	7	7	5	1			
		21	1009.3	-	5.1	0.8	7.7	97	6.0	0	4	5	8	11	0	0	0	0	1	0	8	10	1	0	0	12	16	0	2	4	1	0	7	8	4	2	2		
UPAVON	183	9	1008.8	-	4.2	0.4	7.8	93	6.7	1	1	2	10	12	2	0	2	0	0	4	11	8	2	1	1	3	5	15	4	1	1	4	1	8	3	2	4		
		15	1008.1	-	7.0	1.3	8.2	81	6.7	0	1	4	11	12	0	0	0	0	0	11	5	11	1	1	4	10	13	0	4	1	3	0	7	6	2	5			
		21	1009.5	-	4.6	0.6	7.7	89	5.7	2	3	5	7	11	0	0	0	0	0	8	9	10	1	0	1	10	13	4	0	2	3	1	6	4	7	1			
KENT																																							
DUNGENESS	7	3	1010.3	-	-	-	-	-	5.3	7	1	2	3	15	0	0	1	0	1	1	0	2	5	15	3	1	9	9	8	1	4	1	2	0	7	3	8	2	
		9	1009.8	-	6.0	0.9	8.2	86	6.0	0	1	5	7	14	1	0	1	0	1	0	0	2	12	12	0	2	7	10	8	1	5	2	3	0	8	3	3		
		15	1005.4	-	-	-	-	-	6.4	0	2	4	11	11	0	0	0	0	0	1	4	7	16	0	1	8	12	7	0	3	4	1	1	6	5	6	2		
		21	1010.0	-	-	-	-	-	4.4	8	2	6	0	11	1	0	0	0	0	1	1	0	2	6	13	5	2	8	7	11	0	3	4	1	0	6	7	6	
MANSTON	45	3	1010.1	-	5.2	0.8	7.8	87	5.7	3	2	4	9	10	0	0	0	0	1	1	3	13	8	2	0	4	12	11	1	1	4	2	1	8	6	3	2		
		9	1009.9	-	5.5	0.8	8.1	86	6.5	1	4	0	8	14	1	0	1	0	1	2	5	15	4	0	0	4	13	10	1	2	3	3	0	10	5	2	2		
		15	1009.1	-	7.4	1.3	8.5	81	5.9	0	4	7	5	11	1	0	1	0	0	1	7	10	7	2	0	4	13	11	0	3	5	1	0	7	6	4			
		21	1010.1	-	5.6	0.9	7.8	85	5.8	1	4	5	6	11	1	0	1	0	0	1	5	7	13	1	0	5	13	10	0	2	4	2	0	8	8	1	3		
WEST SUSSEX																																							
GATWICK	60	3	1009.5	-	4.5	0.7	7.6	88	6.3	2	2	2	9	13	0	0	1	0	1	0	5	7	10	4	0	0	2	9	14	3	2	3	2	2	6	5	3	2	
		9	1009.7	-6.1	5.1	0.7	8.0	89	6.5	0	3	4	5	16	0	0	0	0	1	3	3	11	5	5	0	0	3	7	16	2	4	0	5	1	8	4	3		
		15	1008.9	-	7.8	1.8	8.0	75	6.0	0	4	4	12	8	0	0	0	0	0	3	7	7	11	0	0	5	10	13	0	3	5	1	1	6	6	5	2		
		21	1010.1	-	5.1	0.9	7.7	86	5.1	1	7	6	4	10	0	0	0	0	0	2	14	5	7	0	0	0	10	17	1	2	4	7	0	9	6	4	2		
THORNEY ISLAND	5	3	1009.2	-	5.7	0.7	8.3	89	6.4	4	1	1	3	19	0	0	0	0	0	2	10	9	6	1	1	2	11	13	1	4	3	2	1	7	3	4	3		
		9	1009.3	-6.5	5.7	0.7	8.4	90	5.9	1	4	3	10	10	0	0	0	0	0	1	7	10	9	1	1	1	10	15	1	5	2	3	2	7	3	1	4		
		15	1008.8	-	8.3	1.7	8.5	77	5.9	0	4	7	7	10	0	0	0	0	0	0	8	7	9	4	0	3	12	13	0	5	3	1	1	8	3	5	2		
		21	1010.0	-	6.4	0.9	8.4	86	5.6	1	5	2	11	9	0	0	0	0	0	0	8	11	9	0	0	3	11	14	0	6	2	0	8	6	5	1			
EAST SUSSEX																																							
EASTBOURNE C.G.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7A ENGLAND NW & I.O.M. -CUMBRIA																																							
CARLISLE	28	3	1004.9	-	4.9	0.7	7.8	89	6.0	2	3	3	8	11	1	0	0	0	1	0	1	4	15	7	0	0	0	10	14	4	0	1	1	7	1	6	8		
		9	1005.0	-8.6	4.8	0.7	7.7	88	6.1	0	3	4	11	9	1	0	0	1	0	0	5	15	5	2	0	0	6	20	2	1	0	6	5	2	8	3	1		
		15	1004.0	-	7.1	1.4	8.1	80	6.3	0	3	4	11	10	0	0	0	0	0	0	8	11	7	2	0	2	13	11	2	2	0	4	3	2	9	5	1		
		21	1001.7	-	5.3	0.8	7.9	80	6.3	0	3	2	11	12	0	0	0	0	0	1	9	10	7	0	0	2	10	12	4	0	0	5	6	0	10	2	1		
LANCASHIRE																																							
SQUIRES DATE	11	3	1006.1	-	5.5	0.8	8.0	88	5.8	1	5	5	5	11	1	0	2	0	0	2	5	10	9	0	0	1	14	12	1	0	1	3	8	2	4	7	2		
		9	1006.0	-8.1	5.3	0.7	8.0	89	6.7	0	2	3	10	12	1	0	0	1	1	0	5	6	13	1	1	0	15	13	0	0	1	4	7	5	5	2	4		
		15	1005.2	-	7.3	1.3	8.4	81	6.2	0	5	1	12	10	0	0	0	0	0	2	7	10	8	1	0	0	17	9	1	0	0	2	4	5	6	5	5		
		21	1006.4	-	5.6	0.7	8.1	88	6.4	0	3	4	11	10	0	0	0	0	0	3	9	11	5	0	0	2	13	13	0	2	1	3	5	3	5	5	4		
MERSEYSIDE																																							
SPEKE	24	3	1006.2	-	5.5	0.8	8.0	88	6.0	1	4	2	11	10	0	0	0	1	0	1	9	7	9	1	0	1	13	13	1	0	1	2	4	7	4	5	4		
		9	1006.1	-8.4	5.3	0.6	8.2	90	6.3	0	4	1	14	9	0	0	0	1	1	0	4	10	9	2	1	0	16	11	1	1	1	0	6	12	2	3	2		
		15	1005.4	-	7.6	1.5	8.3	79	6.3	0	2	5	14	7	0	0	0	0	1	0	6	11	6	4	0	3	14	11	0	1	2	0	5	4	5	4			
		21	1006.6	-	5.7	0.7	8.2	88	5.8	0	5	4	9	10	0	0	0	0	0	0	13	6	9	0	0	1	13	11	3	1	0	1	2	6	3	9	3		
GREATER MANCHESTER																																							
RINGWAY	64	3	1006.7	-	5.2	0.9	7.6	85	6.2	0	3	7	5	12	1	0	0	1	0	2	1	11	4	9	0	0	1	8	15	4	0	1	2	3	8	5	2	3	
		9	1006.6	-7.7	5.1	0.8	7.7	86	6.4	0	3	3	10	10	2	0	1	0	3	1	2	8	12	1	0	0	2	8	18	0	0	2	2	16	0	3	3		
		15	1005.9	-	7.1	1.6	7.8	76	6.7	0	2	2	14	10	0	0	0	0	0	3	9	7	9	0	0	2	14	10	2	1	0	1	3	6	6	5	4		
		21	1007.0	-	5.8	1.1	7.7	83	6.3	0	5	2	8	13	0	0	0	0	0	2	3	12	7	4	0	0	1	11	13	3	1	0	2	3	7	7	2	3	
ISLE OF MAN																																							
POINT OF AYRE	9	3	1004.6	-	5.6	0.5	8.5	92	5.7	1	3	10	1	13	0	0	0	0	0	0	2	8	9	9	0	7	14	5	2	0	0	1	7	4	6	5	3		
		9	1004.5	-8.7	5.7	0.4	8.7	94	6.3	0	2	5	11	10	0	0	0	0																					



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

FEBRUARY 1974

STATION	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	WET BULB DEGREES C	VAPOR 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 OBSERVED											8 OR MORE	11-21	1-10	CALM										
NUMBER OF OBSERVATIONS																																						



[illegible]



Delete complete page and substitute the following:-

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

FEBRUARY 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	
LERNICK (PSYCHROMETER)	0	6	22	0	0	0	0	0	0	0	0	3	18	7	0	0	EDOBASTON	0	3	21	4	0	0	0	0	0	0	0	0	2	15	11	0	0
LERNICK (SCREEN)	0	6	22	0	0	0	0	0	0	0	0	4	17	7	0	0	KEW (PSYCHROMETER)	0	1	17	10	0	0	0	0	0	0	0	6	12	9	1	0	
STORNOWAY	0	3	24	1	0	0	0	0	0	0	0	3	19	6	0	0	KEW (NORTH-WALL SCREEN)	0	1	18	9	0	0	0	0	0	0	0	1	15	11	1	0	
CRAIBSTONE	0	5	21	1	1	0	0	0	0	0	0	7	20	1	0	0	HASTINGS	0	2	20	6	0	0	0	0	0	0	0	1	18	9	0	0	
ROTHESAY	0	4	22	2	0	0	0	0	0	0	0	1	21	6	0	0	SOUTHAMPTON	0	1	12	15	0	0	0	0	0	0	0	0	17	11	0	0	
ABBOTSINCH	0	3	19	6	0	0	0	0	0	0	0	5	14	9	0	0	STONYHURST	0	5	19	4	0	0	0	0	0	0	0	5	18	5	0	0	
ESKDALEMUIR (PSYCHROMETER)	1	11	16	0	0	0	0	0	0	0	2	8	17	1	0	0	RHYL	0	1	18	9	0	0	0	0	0	0	0	17	11	0	0		
ESKDALEMUIR (SCREEN)	0	6	21	1	0	0	0	0	0	0	1	8	17	2	0	0	VALLEY	0	0	24	4	0	0	0	0	0	0	0	14	14	0	0		
DOUGLAS	0	2	26	0	0	0	0	0	0	0	0	0	21	7	0	0	RHOOSE	0	1	20	7	0	0	0	0	0	0	0	4	14	10	0	0	
ACKLINGTON	0	5	19	4	0	0	0	0	0	0	0	7	18	3	0	0	FALMOUTH	0	0	21	7	0	0	0	0	0	0	0	23	5	0	0		
GORLESTON	0	3	22	3	0	0	0	0	0	0	0	2	20	6	0	0	ALDERGROVE	0	3	22	3	0	0	0	0	0	0	5	16	7	0	0		
CAMBRIDGE BOTANIC GARDENS	0	2	18	8	0	0	0	0	0	0	0	7	16	5	0	0	ARMAGH	0	4	20	4	0	0	0	0	0	0	6	17	5	0	0		

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

FEBRUARY 1974

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FEBRUARY 1974

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													
			34 KT OR MORE (GALE FORCE)					22-33 KT		11-21 KT		4-10 KT		LESS THAN 4 KT		HIGHEST HOURLY WIND					HIGHEST DUST					
			DATES OF OCCURRENCE					NUMBER OF HOURS		NUMBER OF HOURS		NUMBER OF HOURS		NUMBER OF HOURS		YEAR MONTH		HOUR MINUTES		YEAR MONTH		HOUR MINUTES		YEAR MONTH		
<b>3 EAST ANGLIA</b>																										
3 EAST ANGLIA	NORFOLK	COLTISHALL	27 10 10						0	5	36	277	252	107	0	10.7	250	28	11	21	210	49	11	1906		
		GORLESTON	16 13 13	11					13	13	91	285	233	50	0	13.4	170	42	11	15	170	65	11	1612		
		MARHAM	29 10 10						0	7	45	258	261	108	0	10.6	190	32	11	12	190	49	11	0936		
		WEST RAYNHAM	93 16 14						0	11	89	306	213	64	0	12.9	200	33	11	12	200	55	11	1254		
	CAMBRIDGESHIRE	WITTERING	83 10 10						0	4	30	263	300	79	0	10.4	190	30	11	08	190	51	11	0818		
	SUFFOLK	HONINGTON	60 13 13						0	8	51	283	252	86	0	11.2	210	33	11	10	210	53	9	1148		
		WATTISHAM	105 17 10						0	5	35	248	266	123	0	10.1	240	32	11	20	180	56	11	1118		
		BEDFORDSHIRE	BEDFORD	94 13 9	10 11				6	10	83	281	241	61	0	12.6	200	36	11	09	250	59	9	0924		
HERTFORDSHIRE		CARDINGTON	70 41 41	11				2	9	62	284	233	91	0	11.8	200	34	11	08	200	51	11	1136			
		GARSTON	94 15 10					0	0	0	127	407	138	0	7.1	250	21	11	19	210	45	10	1054			
		ROTHAMSTED	141 13 10					0	1	2	140	330	200	0	6.6	220	25	10	10	220	50	10	1054			
ESSEX		SHOEBURYNESSE	36 32 28	1 2 9-11 14 15				46	15	115	354	140	17	0	16.8	210	47	11	18	190	68	11	1524			
		STANSTED	108 10 10					0	2	19	213	365	75	0	9.2	210	25	10	12	210	43	10	1200			
4 MIDLAND COUNTIES																										
SOUTH YORKSHIRE		FINNINGLEY	19 10 10						0	3	11	283	299	79	0	10.0	200	25	2	10	180	43	11	1154		
		SHEFFIELD	160 25 11						0	0	0	100	287	285	0	5.3	290	17	21	03	220	47	2	1300		
	NOTTINGHAMSHIRE	WATNALL	130 13 10						0	2	14	241	326	91	0	9.3	210	27	2	10	210	48	2	0954		
	STAFFORDSHIRE	KEELE	215 15 10						0	1	1	151	306	214	0	6.5	190	22	11	08	160	44	2	0048		
	LEICESTERSHIRE	COTTESMORE	143 13 13						0	6	44	329	263	36	0	11.7	190	27	11	11	190	49	11	1142		
	SALOP	SHAWBURY	84 12 10						0	1	2	226	323	121	0	8.3	220	26	2	09	220	42	2	1000		
	WEST MIDLANDS	BIRMINGHAM							0	5	26	243	284	119	0	9.8	200	27	11	06	200	46	11	0612		
		EDGBASTON	196 36 22						0	6	35	255	285	97	0	10.4	190	27	11	07	200	47	10	0924		
		ELMDON AIRPORT	104 10 10						1	8	47	246	273	105	0	10.9	190	34	11	07	190	55	10	0842		
	HEREFORD & WORCS	PERSHORE	47 10 10	11					0	9	42	226	264	116	24	10.2	190	30	11	10	200	49	10	1154		
	GLOUCESTERSHIRE	FAIRFORD	88 10 10						0	3	22	214	304	132	0	9.0	180	29	11	10	180	47	11	1124		
	OXFORDSHIRE	ABINGDON	90 12 12						0	3	19	225	289	139	0	8.9	190	26	11	10	200	45	11	0848		
	BRIZE NORTON	91 13 10						0	3	19	225	289	139	0	8.9	190	26	11	10	200	45	11	0848			
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																										
GREATER LONDON		HAMPTON	42 31 30						0	4	33	215	266	158	0	9.1	200	33	11	09	200	58	11	0930		
		HEATHROW AIRPORT	34 10 10						0	5	30	227	363	52	0	9.9	210	31	11	09	270	53	9	1042		
		KEW	28 23 15						0	2	26	233	308	105	0	9.2	210	27	10	11	240	57	11	1824		
		LONDON WEATHER CENTRE	93 70 38	11					3	7	55	324	260	30	0	12.3	170	35	11	10	170	59	11	0424		
WILTSHIRE		POST OFFICE TOWER	174																							
		BOSCOMBE DOWN	130 17 17	10 11					21	10	72	269	253	57	0	12.8	200	40	11	05	210	60	10	1030		
		LARKHILL	145 13 10	10 11					2	8	46	262	266	96	0	10.6	210	34	11	05	200	63	11	0854		
		MIDDLE WALLOP	94 10 10	11					6	8	54	234	292	86	0	10.8	200	35	11	03	190	56	11	1100		
KENT		PORTON	120 10 10	10 11				13	9	69	237	263	90	0	11.6	200	38	11	05	200	61	11	0512			
		DUNGENESS	16 10 10	9-11				18	13	146	323	157	28	0	16.2	210	45	11	17	220	64	11	1748			
		ISLE OF GRAIN	15 12 10	DEFECTIVE RECORD																						
		MANSTON	62 18 18	9-11					25	12	109	318	190	30	0	15.0	210	47	11	17	210	71	11	1748		
HAMPSHIRE		FARNBOROUGH	75 10 10					0	5	30	216	287	139	0	9.4	200	32	11	05	200	55	11	1100			
WEST SUSSEX		DATEWICK AIRPORT	69 10 10					0	9	53	231	279	109	0	10.5	200	33	11	03	200	57	11	0312			
		THORNEY ISLAND	16 10 10	11					3	8	57	271	270	71	0	11.8	190	34	11	05	180	48	11	0842		
7A ENGLAND NORTHWEST AND ISLE OF MAN																										
CUMBRIA		CARLISLE	41 13 9						0	4	13	261	294	104	0	9.2	200	26	10	16	170	49	10	0854		
		GREAT DUN FELL	857 10 10	1-3 6 8-12 14 15 20-22					110	21	240	245	59	18	0	22.9	220	65	10	16	220	82	10	1536		
		MOOR HOUSE	595 13 12	12					1	8	36	229	133	273	0	8.6	270	38	12	04	270	58	12	0448		
		SELLAFIELD	25 12 11						0	9	57	251	249	115	0	10.3	290	26	12	00	290	40	12	0030		
LANCASHIRE		FLEETWOOD	34 15 9						0	7	18	253	224	177	0	9.0	270	32	12	00	270	48	12	0100		
		SQUIRES GATE AIRPORT	22 12 11						0	10	45	359	210	58	0	12.3	230	30	2	17	270	46	12	0054		
MERSEYSIDE		RIGBIRTH	38 23 11	2					1	8	19	315	222	115	0	10.4	190	34	2	11	190	49	2	1142		
		SOUTHPORT	19 14 11						0	5	19	218	267	168	0	8.5	280	32	12	00	160	49	2	0224		
		SPEKE AIRPORT	30 10 10						0	9	30	322	238	82	0	11.0	230	28	2	12	240	44	2	1136		
		MANCHESTER																								
GREATER MANCHESTER		RINGWAY AIRPORT	80 10 10						0	3	14	268	281	109	0	9.8	200	25	10	10	220	53	10	1012		
		WEATHER CENTRE	82 45 17						0	2	3	258	321	90	0	9.1	200	24	2	10	230	47	2	1348		
ISLE OF MAN		POINT OF AYRE	20 10 10	11 14					3	16	124	356	166	23	0	15.2	290	36	11	23	220	56	10	0742		
		RONALDSWAY	25 10 10						0	13	84	335	163	90	0	12.8	190	31	10	15	290	46	11	2318		
7B WALES NORTH																										
GWYNEDD		VALLEY	26 16 12	10 14 28					11	16	145	280	158	78	0	14.9	200	37	10	13	200	52	10	0706		
8A WALES SOUTH																										
DYFED		ABERPORTH	144 10 10	14					5	16	179	235	186	67	0	14.9	150	37	14	12	190	47	10	0712		
		MILFORD HAVEN	47 10 10						0	7	55	308	239	70	0	11.7	250	29	2	05	220	47	1	2236		
	WEST GLAMORGAN	PORT TALBOT	28 12 11						0	6	18	267	258	129	0	9.4	320	30	6	02	320	58	6	0218		
	SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10						0	5	13	284	276	99	0	10.0	290	26	11	16	290	46				







# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**MARCH**  
VOLUME 91

**1974**  
NUMBER 3

## 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**

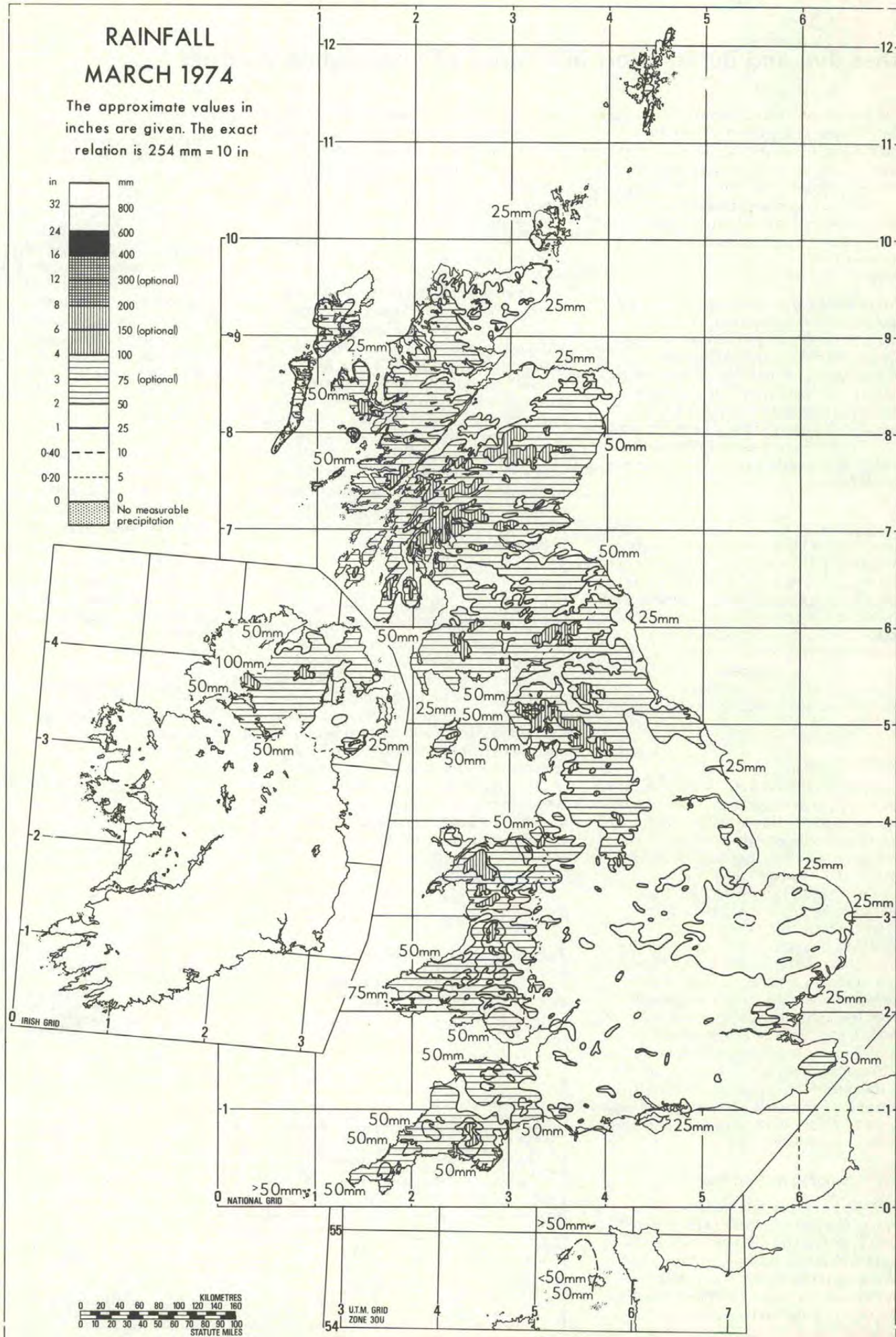
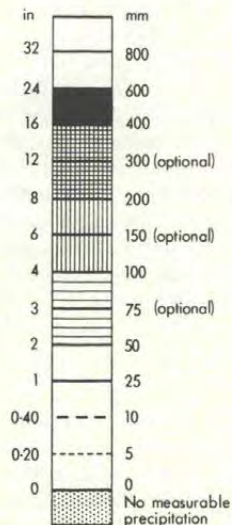
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max. *	Min. *	difference from average						
0 Scotland N	17.0	-2.6	+0.2	+0.1	+0.2	+0.4	-5	63	110
1 Scotland E	17.0	-3.0	-0.6	+0.2	-0.2	+0.9	+2	112	87
2 England E & NE	14.3	-7.2	-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

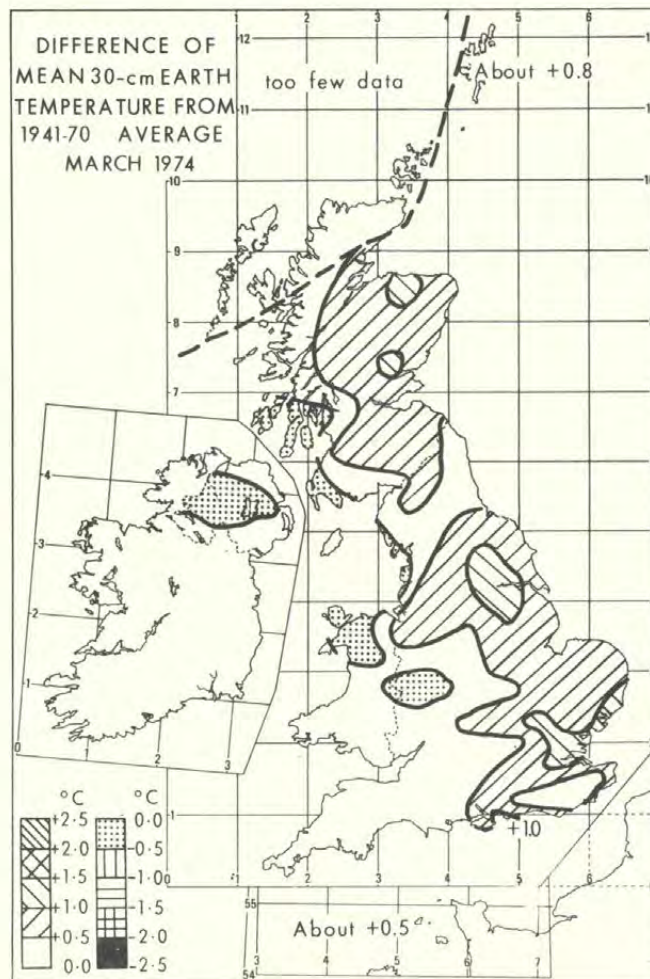
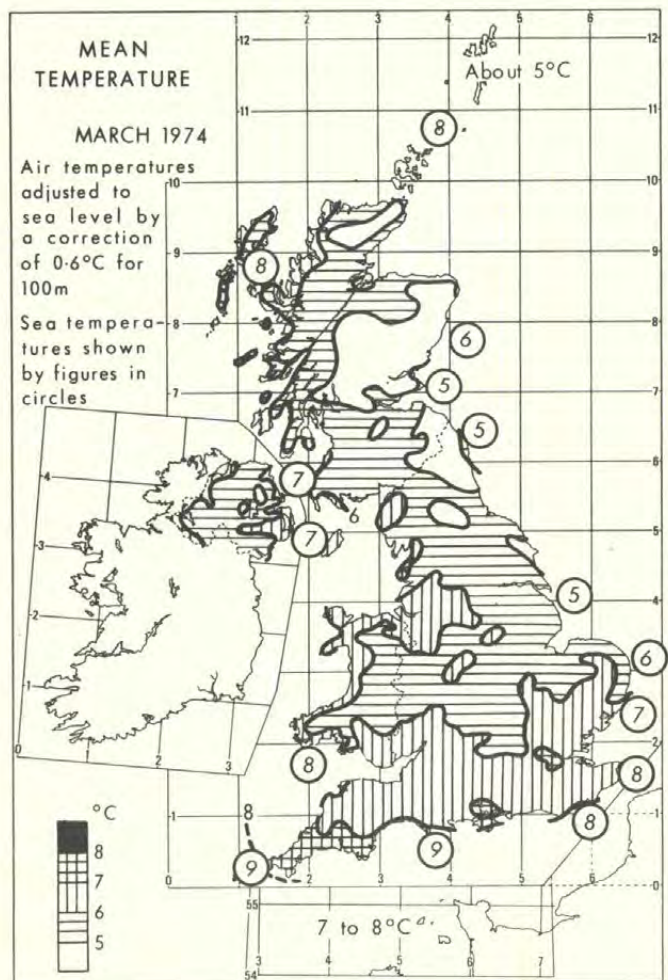
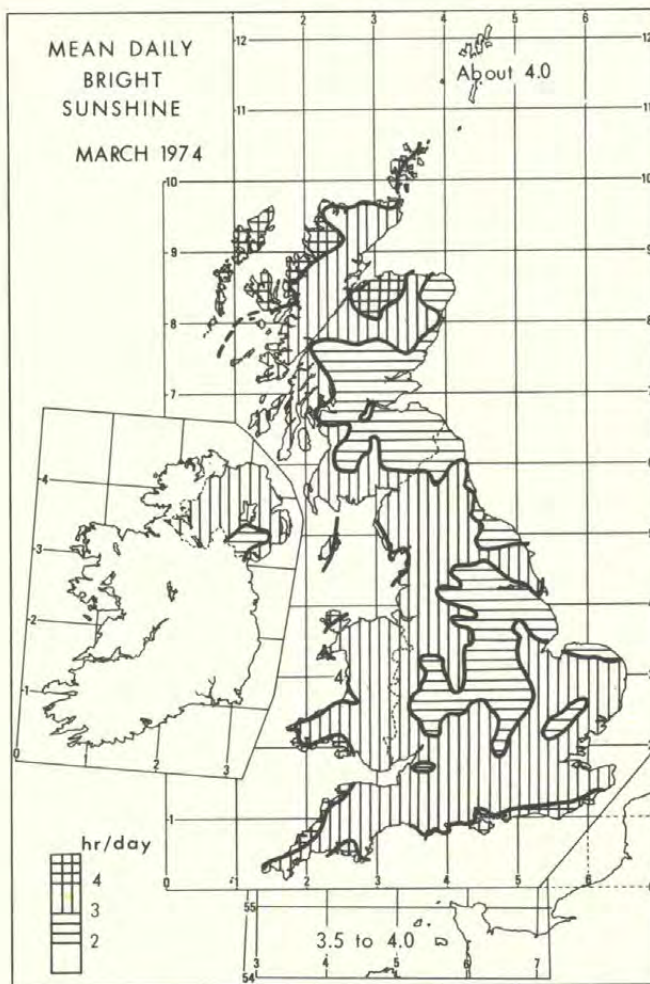
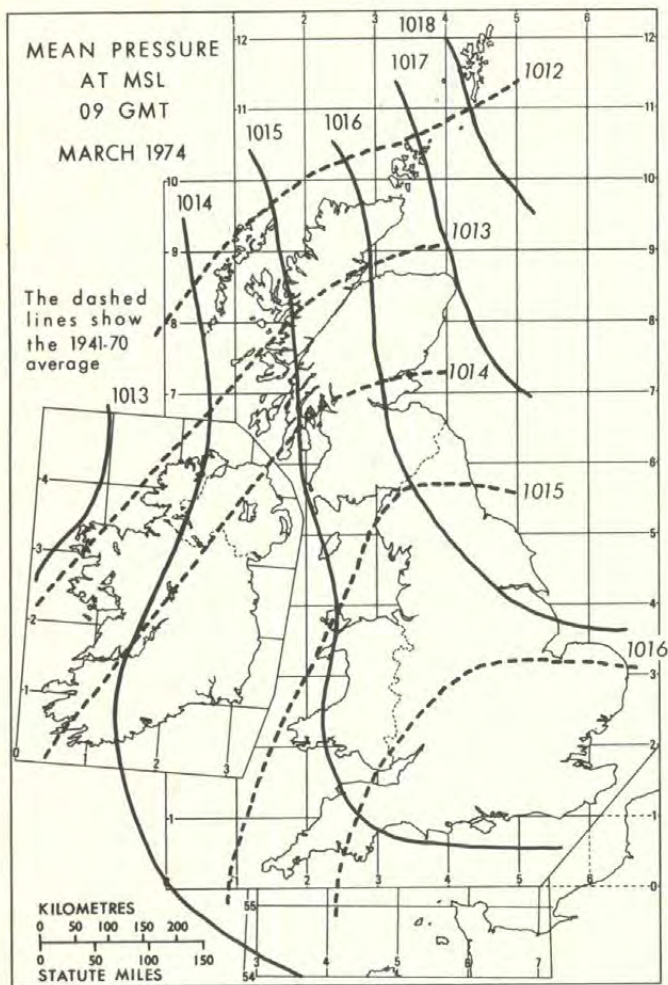


# RAINFALL MARCH 1974

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. TERMINAL HEIGHT 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	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 10 DEG C 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 SCOTLAND N																																
ZETLAND																																
BALASOUND ...	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	7	-	-	-	2	3.89	151	-	
LERWICK	21 9	82																														
PSYCHROMETER ...			6.5	2.5	4.5	-	9.7	30	-0.1	14.15			44		13	1.16	11	10	3	1	0	2	0	2	14	13	0	4.01	144	-		
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	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	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	5	10	9	0	3.33	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	3	3	1	4.41				
LAIRG ...			8.4	0.1	4.3	-	16.3	31	-4.9	3	4.0	4.7	45		14	12	16	7	10	3	1	0	0	2	13	19	-	0	3.84			
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	1	7		0	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	0	9	-	0					
BALMACARA ...	9 9	4	10.1	2.8	6.5	-	16.5	31	-1.5	20			71		27	17	12	9	3	0	0	5	1	0	4		0					
CONTIN (CRAIGARROCH) ...	9 9	38	9.5	0.2	4.9	-	17.1	31	-5.5	2			51		10	12	14	11	3	3	1	0	0	6	13	20		0				
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	1	1			0	3.66	109	-	
INVERPOLLY ...	9 9	14	9.6	2.3	5.9	-	18.8	31	-2.5	20	5.2		35		9	17	13	11						3	15		0					
KINLOCHENE ...	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	10	26		0	3.42				
POOLEWE ...	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	1	3	22		0	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	3	1	1				
STORNOWAY ...	21-9	3	8.4	3.0	5.7	+0.1	13.0	31	-1.5	2			32		9	21	12	7	6	0	0	3	0	0	4	8	0	4.76	136	-		
STRATHCONON ...	9 9	107	8.9	-0.2	4.3	-	17.6	31	-5.5	2			64		13	17	16	11	5	2	0	0	1	12	25		0					
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	3		0					
INVERNESS																																
BENBECULA ...	21-9	6	8.8	2.8	5.8	-0.1	13.0	30	-1.6	4			56		15	17	11	9	2	0	4	2	1	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	6			0					
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	20	27		0	3.35		5		
GLENMORE 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	2	19	29	23	0	4.26		5	
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	3	5	17		0	3.90		5	
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	3	0	1	1	7	16		1					
LACCANLIA ...	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	1	19	25		0				
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				1	5	10		0	3.01	101	5		
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	6	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	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			0	5	7		0	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	0	0	1	5	20		0	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	3		0	4.50	129	-			
GRANTOWN-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	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	1	9	23	17	0	4.30			
LOSSIEBOUTH ...	9 9	6																														
BANFF																																
BANFF ...	9 9	24	7.7	2.6	5.1	-	13.0	22	-0.6	2			47		13	1	13	9		0			2	1				3.02				
GLENLIVET ...	21-9	215	8.1	0.4	4.3	-	17.9	30	-3.6	21			35		9	12	16	9	14	2	2	1	0	2	11	25	21	0	4.19			



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HIGHT) 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	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW POINT BELOW 0°C	WIND SPEED BELOW 10 KNOTS	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													
1 SCOTLAND E -CONTINUED																															
ABERDEEN																															
ABERDEEN																															
DYCE AIRPORT ...	21-9	58	7.2	1.5	4.3	-0.2	11.6	22	-3.6	29	-	-	62	-	13	21	16	15	7	0	0	0	0	0	8	10	10	0	3.03	88	
MANNOFIELD ...	9 9	52	6.8	1.8	4.3	-0.2	10.8	7	-1.5	2,29.30	-	-	62	127	14	21	16	14	13	0	0	0	0	0	15	25	0	3.04	87		
BALMORAL ...	9 9	283	6.2	-0.8	2.7	-0.2	15.3	30	-6.2	21	-	-	77	157	20	19	19	13	13	0	0	0	0	0	15	25	0	3.04	87		
BRAEMAR ...	9 9	339	6.4	-1.0	2.7	0.0	15.2	30	-7.6	21	-	-	77	147	10	19	18	15	13	0	0	0	0	0	16	24	0	3.12	105		
CRAIBSTONE ...	9 9	91	6.8	1.5	4.1	-0.3	11.0	22	-1.8	30	4.4	4.7	54	106	11	21	15	12	5	1	0	0	0	6	6	14	0	3.05	87		
DINNET ...	9 9	177	7.3	0.1	3.7	-	16.4	30	-5.0	2	3.9	-	63	-	13	19	17	14	0	0	0	0	2	13	21	0	3.32	-	-		
FRASERBURGH ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FYVIE CASTLE ...	9 9	66	7.4	-0.1	3.7	-	12.5	22	-5.0	2	-	-	77	137	13	4,19.21	21	12	2	0	2	0	0	13	18	0	0	-	-	-	
GARTLY ...	9 9	146	7.2	0.8	4.0	-	14.8	30	-2.5	14.30	-	-	78	-	19	19	16	13	-	-	-	-	8	16	0	0	-	-	-	-	
INVERURIE SEWAGE WORKS ...	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINCARDINE																															
BANCHORY ...	8 8	77	7.2	1.2	4.2	-	13.5	30	-2.6	2	-	-	77	-	14	12	16	14	10	3	1	4	1	2	8	11	10	0	3.13	-	
FETTERCAIRN ...	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONEHAVEN ...	9 9	4	7.1	2.2	4.7	-0.2	11.0	7	-1.5	19	-	-	59	-	12	12	16	16	0	0	0	0	0	2	5	-	0	2.57	76	-	
ANGUS																															
ARBROATH ...	9 9	28	6.6	2.6	4.6	-	10.0	16	-1.0	2	-	-	67	-	11	13	20	13	0	0	0	0	0	0	2	7	-	0	2.49	67	
BUDDON NESS ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNDEE ...	9 9	45	7.2	2.3	4.7	-0.3	11.6	22	-1.1	2	4.8	-	62	137	11	1	19	14	3	1	0	0	0	0	5	12	0	2.64	80	-	
MONROSE ...	9 9	57	6.6	2.1	4.3	-	11.5	22	-2.0	2	-	-	54	123	7	12	21	13	3	0	0	0	0	0	5	12	0	2.64	80	-	
MYLNEFIELD ...	9 9	30	6.9	2.3	4.6	-	11.5	22.30	-1.1	21	5.0	5.7	49	-	6	13	20	14	1	0	0	0	0	3	6	14	0	2.86	-	-	
USAN ...	21-9	30	6.5	2.7	4.6	-	9.6	7	-1.0	2	-	-	55	-	10	13	18	14	2	0	0	0	0	0	1	7	0	2.84	-	-	
WHITEHILLOCKS ...	9 9	258	6.3	-0.1	3.1	-	15.0	30	-5.2	31	-	-	97	-	17	1	21	20	4	9	0	0	9	11	18	0	0	-	-	-	
PERTH																															
ABERFOYLE ...	9 9	27	8.3	0.1	4.2	-	16.0	30	-6.0	3	-	-	99	-	15	19	16	14	3	-	0	0	0	-	12	-	0	-	-	-	
ARDALNAIG ...	9 9	130	7.4	1.2	4.3	-	16.3	30	-3.0	2.3	-	-	77	-	10	17	19	15	5	1	0	0	2	0	7	17	-	0	2.96	-	
ASHINTULY CASTLE ...	9 9	341	5.9	-0.5	2.7	-	14.7	30	-6.6	2	-	-	60	-	12	19	18	13	13	14	0	0	0	10	17	19	-	0	-	-	
BLAIRGOWRIE ...	9 9	70	7.2	1.6	4.4	-	13.8	30	-3.9	2	4.3	-	56	-	9	14	19	12	-	-	-	-	-	5	14	-	0	2.70	-	-	
CALLANDER ...	9 9	107	7.0	0.7	3.9	-	14.3	30	-5.0	2	-	-	101	-	21	18	15	12	8	4	0	0	0	0	8	15	-	0	-	-	
DALL ...	9 9	232	-	-0.9	-	-	-	-	-7.6	3	-	-	68	-	13	16	15	13	11	7	0	0	0	0	18	23	-	0	-	-	
DRUMMOND CASTLE ...	9 9	113	7.0	0.7	3.9	-	14.4	30	-5.5	2	4.7	-	71	-	11	17	19	13	4	3	0	0	0	6	18	-	0	2.80	-	-	
DUNBLANE ...	9 9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FASKALLY ...	9 9	94	7.5	0.8	4.1	-	15.3	30	-6.0	2	4.2	4.8	64	-	14	17	18	12	6	3	0	0	0	2	9	-	0	-	-	-	
GLENCAIGLES ...	9 9	152	6.7	-0.2	3.3	-	13.8	30	-6.6	2	-	-	70	-	7	16	23	17	9	-	0	3	0	4	12	23	-	0	2.65	-	
KINDROGAN ...	9 9	259	6.1	-0.8	2.7	-	13.6	30	-7.9	2	-	-	65	-	12	21	19	11	11	14	0	3	0	3	13	22	-	0	-	-	
PERTH ...	9 9	23	7.6	1.6	4.6	-0.4	14.5	30	-4.5	2	-	-	48	104	8	19	16	11	0	0	0	0	3	6	15	-	0	2.45	77	-	
PITLOCHRY ...	9 9	144	7.0	0.6	3.8	-	14.6	30	-5.8	2	-	-	55	-	10	21	21	12	3	4	0	0	0	1	9	17	-	0	2.67	-	
STRATHALLAN ...	9 9	41	7.6	1.8	4.7	-	14.8	30	-2.9	2	-	-	53	-	11	19	18	12	5	2	1	2	0	2	6	-	0	-	-	-	
KINROSS																															
KINROSS ...	9 9	116	7.2	0.8	4.0	-	14.6	30	-3.6	2	4.8	-	62	-	7	17	15	14	-	0	-	-	-	8	16	-	-	2.70	-	-	
FIFE																															
BELLISTON ...	9 9	82	6.7	2.3	4.5	-	11.0	22	-1.8	2	4.9	-	65	-	11	1	19	14	3	1	0	3	0	3	4	13	-	0	-	-	
GLENROTHES (GLENWOOD) ...	9 9	117	6.9	1.4	4.1	-	13.1	30	-1.7	2	-	-	51	-	6	19	17	14	-	0	0	0	0	7	15	-	0	2.85	-	-	
KIRKCALDY ...	9 9	32	-	2.4	-	-	-	-	-1.0	2,19.21	-	-	53	-	7	14	19	16	7	0	0	1	0	0	4	13	-	0	2.82	88	
LEUCHARS ...	21-9	10	7.2	2.1	4.7	-0.4	12.0	7	-2.4	2	-	-	49	123	8	1	20	13	4	1	0	2	0	1	7	10	9	0	2.58	70	
PITREAVIE ...	21-9	40	7.6	2.3	4.9	-	14.7	30	-2.5	3	-	-	43	-	5	19	17	14	4	0	0	3	0	2	4	13	11	2	-	-	
ST ANDREWS ...	9 9	18	6.9	2.3	4.6	-	12.3	22	-0.8	29	5.4	6.0	57	133	10	1	19	15	1	0	0	4	0	0	4	12	-	0	2.50	-	-
WEST LOTHIAN																															



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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(GMT) 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	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	DATE																
6A SCOTLAND W																																
ARGYLL																																
ACHAOLACHACH ...	9 9	12	8.4	1.9	5.1	-	14.5	31	-7.5	3	-	-	64	-	22	21	13	8	0	0	0	0	0	9	23	-	0	-	-	-	-	-
AROS ...	9 9	37	9.4	1.8	5.6	-	14.9	30.31	-2.9	2	-	-	78	-	27	21	13	10	2	0	0	0	0	10	21	-	0	-	-	-	-	-
BENMORE (YOUNGER BOTANIC GARDEN)	9 9	12	7.9	1.8	4.9	-	14.1	30	-2.6	3	-	-	113	-	19	19	14	11	3	2	1	0	0	9	23	-	0	-	-	-	-	-
COLONSAY ...	9 9	30	8.1	3.4	5.7	-	12.5	30	0.0	21	-	-	60	76	21	21	12	9	1	0	3	0	0	0	0	0	0	0	0	0	0	0
DUNSTAFFNAGE ...	9 9	3	8.9	2.8	5.9	-	15.2	31	-1.7	3.4	-	-	62	-	17	21	14	11	1	0	1	0	0	4	14	-	0	0	0	0	0	0
GLENBRANTER ...	9 9	24	8.3	0.8	4.5	-	14.2	30	-4.7	3	-	-	92	-	18	21	15	9	3	3	1	1	0	13	20	-	0	0	0	0	0	0
KNAPDALE FOREST ...	9 9	40	8.5	1.4	4.9	-	14.6	31	-3.0	2.3	-	-	83	-	25	21	16	11	0	0	0	0	0	10	22	-	0	0	0	0	0	0
MACHRIHANISH ...	21-9	10	8.5	3.3	5.9	-	13.0	31	0.0	2.5.6	-	-	78	-	20	6	12	10	3	0	0	0	0	0	15	-	10	1	3.58	-	-	
POLLOCH ...	9 9	10	10.1	0.9	5.5	-	(17.4)	31	-3.6	20	-	-	93	-	32	21	13	13	3	0	0	2	0	0	12	20	-	0	0	0	0	0
PORT ELLEN ...	9 9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
RHUVAR ...	21-9	20	8.3	3.7	6.0	-	13.0	29.31	0.2	2	-	-	76	-	24	21	15	9	1	0	0	2	1	1	0	8	4	1	-	-	-	-
TIREE ...	21-9	9	8.2	3.4	5.8	-0.4	11.1	23	-1.5	5	-	-	61	87	18	21	11	8	1	0	5	0	0	2	13	10	5	3.66	101	-	-	-
BUTE																																
BRODICK CASTLE ...	9 9	15	8.6	2.7	5.7	-	12.4	30	-0.8	3	6.0	-	90	-	17	6	14	11	0	0	2	0	0	6	13	-	0	-	-	-	-	-
KILDONAN ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTHESAY ...	9 9	43	7.9	2.7	5.3	-	14.0	30	-0.5	1.3	4.7	5.4	76	-	24	21	13	9	2	0	1	0	0	2	11	-	0	-	-	-	-	-
DUNBARTON																																
ARROCHMORE ...	9 9	37	7.7	1.7	4.7	-	15.0	30	-3.0	3	-	-	89	-	17	21	19	13	-	3	-	-	0	7	19	-	-	-	-	2.96	-	-
CUMBERNAULD ...	9 9	94	7.1	0.9	4.0	-	15.0	30	-4.4	3	-	-	65	-	11	6	18	13	1	0	0	0	0	2	6	11	-	0	-	-	-	-
FINNART ...	9 9	15	-	-	-	-	-	-	-	-	-	-	92	-	21	17	11	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENSBURGH ...	9 9	89	6.9	1.5	4.2	-0.6	13.6	30	-2.0	3	-	-	115	-	23	21	19	15	3	3	0	0	0	1	6	-	2	-	2.94	-	-	-
SLOY ...	21-9	12	8.0	1.6	4.8	-	14.2	30	-3.6	21	-	-	104	-	29	21	17	13	2	-	0	0	0	0	9	-	0	-	-	-	-	-
STIRLING																																
EARLS HILL ...	21-9	335	4.9	0.0	2.5	-	13.6	30	-4.6	2	-	-	-	-	-	-	-	11	-	0	2	2	11	11	22	18	1	2.51	-	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	7.7	2.0	4.9	-	13.9	22	-2.5	3	-	-	56	-	9	6	17	13	0	0	0	0	0	1	7	-	0	1.70	-	-	-	-
GRANGEMOUTH																																
B.P. REFINERY ...	9 9	2	8.2	2.5	5.3	-	14.2	22	-2.0	3	-	-	64	-	20	25	17	13	-	-	-	-	-	3	-	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9 9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKHEAD ...	9 9	107	7.9	1.5	4.7	-	14.7	30	-3.0	2	4.5	-	60	-	13	21	14	12	-	2	-	-	1	9	-	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	8.1	1.4	4.7	-	15.6	30	-4.0	2	4.9	5.3	66	-	12	21	14	11	2	4	0	0	0	8	19	-	0	2.58	-	-	-	-
RENFREW																																
ABBOTSLINCH AIRPORT ...	21-9	5	8.3	2.3	5.3	-0.2	15.4	30	-4.1	6	-	-	46	-	8	6	15	12	7	0	1	0	0	6	12	11	0	2.58	85	-	-	-
BARHEAD ...	9 9	30	8.1	1.8	4.9	-	15.8	30	-3.7	3	-	-	48	66	10	6	15	9	1	0	0	1	0	7	17	-	0	-	-	-	-	-
DREENOCK ...	9 9	61	7.3	2.5	4.9	-0.6	13.3	30	-0.5	1	-	-	70	68	12	6	13	10	2	3	0	1	0	0	3	-	0	2.45	82	-	-	-
PRISLEY ...	9 9	32	8.3	2.7	5.5	-0.3	15.7	30	-1.1	6	5.1	6.2	51	72	10	6	15	12	2	0	0	0	0	3	12	-	0	2.33	80	-	-	-
LANARK																																
CAMPS RESERVOIR ...	9 9	295	6.7	-0.8	2.9	-	15.2	30	-6.8	3	-	-	53	-	11	17	18	14	12	4	0	1	0	4	15	-	0	3.46	-	-	-	-
CARNWATH ...	9 9	208	7.3	-0.3	3.5	-	16.4	30	-8.1	3	4.3	-	43	-	12	17	20	11	8	1	2	2	0	1	11	23	17	0	-	-	-	-
COATBRIDGE ...	9 9	78	7.9	1.4	4.7	-	16.0	30	-6.2	3	-	-	50	-	11	21	17	12	3	0	0	3	0	1	6	-	0	-	-	-	-	-
CRAWFORDJOHN ...	9 9	274	7.1	-0.4	3.3	-	15.5	30	-6.0	3	4.0	-	-	-	-	-	-	9	1	0	1	0	5	14	19	16	0	2.73	-	-	-	-
EAST KILBRIDE ...	9 9	178	7.2	1.3	4.3	-	15.2	30	-2.4	3	-	-	41	-	9	6	17	12	1	0	0	1	0	7	-	-	0	2.85	-	-	-	-
GLASGOW (SPRINGBURN)	9 9	107	7.5	1.5	4.5	-0.4	15.2	30	-1.5	2	-	-	54	86	13	21	18	14	4	0	0	1	0	6	16	-	0	2.59	93	-	-	-
LANARK	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEADHILLS ...	9 9	388	6.2	-0.6	2.8	-	14.3	30	-5.3	30	-	-	77	-	15	17	20	13	11	8	0	5	1	5	18	24	-	0	2.18	-	-	-
SALSBURGH ...	9 9	275	6.2	0.9	3.5	-	15.0	30	-3.4	2	-	-	-	-	-	-	-	1	-	0	1	0	7	8	13	-	0	-	-	-	-	-
AYR																																
AUCHINCUIVE ...	9 9																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MARCH 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(OMT) 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	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW MIN C	FROST MIN C	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					RIGHT (MM)	DATE																
2 ENGLAND E & NE -CONTINUED																																
DURHAM																																
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																																
HARTBURN GRANGE	9 9	31	7.8	2.0	4.9	-	12.5	7	-2.3	3	-	-	52	-	13	3	14	12	3	0	0	3	0	2	4	10	-	0	2.84	-	-	
HARTLEPOOL	9 9	9	7.8	3.0	5.4	-0.5	13.0	7	0.0	3.6	-	-	43	-	6	12	16	12	0	0	1	0	0	2	4	10	-	0	2.55	-	-	
MARTON	9 9	46	8.0	2.3	5.1	-	13.3	31	-3.6	3	5.5	6.0	51	-	8	12	15	13	4	0	0	5	1	2	5	11	-	0	2.95	-	-	
NORTH YORKSHIRE																																
ASKHAM BRYAN	9 9	34	-	-	-	-	13.1	20	-	-	-	-	39	105	8	18	13	10	1	1	0	0	0	10	-	13	-	0	2.68	83	-	
CAWOOD	9 9	6	8.5	1.8	5.1	-	14.5	31	-2.7	3	5.2	5.7	40	-	8	17	15	12	1	0	0	0	0	3	4	13	-	0	2.64	-	-	
FILEY	9 9	37	7.3	2.3	4.8	-	11.6	20	-2.6	31	-	-	32	-	8	15	15	11	2	1	0	0	0	7	3	9	-	0	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	7	18	-	0	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	3	5	9	6	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	-	0	-	-	-	
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	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	5	8	19	-	0	-	-	
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	-	-
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	0	4	3	16	-	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	59	5	3	16	7	-	-	-	-	1	3	8	10	-	-	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	-	0	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	1	0	1	2	2	-	-	1	2.94	-	-	
LINCOLNSHIRE																																
BIBBROOK	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	5.2	-0.2	14.3	30	-7.2	3	5.5	5.7	38	-	8	10	16	10	3	1	0	0	0	3	7	15	-	0	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	10	-	0	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	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	16	-	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	5	0	-	-	1	-	-	
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	0	1	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	0	4	10	20	-	-	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	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	0	6	2	12	-	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	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	0	4	3	12	-	0	3.25	86	-	
MARCH	9 9	2	9.6	2.9	6																											



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	HAIR	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. BELOW 0 DEG C	CONCRETE SEISM 0 MIN 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														
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	13	11	4	1	0	1	0	2	4	16	0	2.93	101	S	
BRAMHAM ...	9 9	54	8.6	1.8	5.2	-	14.3	31	-1.1	3	-	-	37	-	6	17	13	11	4	1	0	1	0	1	6	15	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	0	5	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	0	2	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	0	6	3	13	0	0	2.79	89	-	
PONTEFRAC ...	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	0	1	0	1	6	8	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	0	3	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	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	1	7	5	13	0	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	0	0	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	0	3	5	15	0	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	17	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	0	15	5	12	0	0	3.00	-	S	
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	17	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	0	1	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	-	-	-	-	-	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	0	4	4	12	0	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	0	2	6	11	0	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	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	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	0	3.46	-	S	
OKEN ...	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	0	-	-	S	
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	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	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	0	10	9	16	0	0	2.72	-	-	
NEWTOWN LINCOLN ...	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	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	1	7	11	0	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	0	4	0	2	5	23	0	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	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	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	0	0	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	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	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	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	0	3.01	-	-	
RUGBY ...	9 9	117	8.7																													



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

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		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIR	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																
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	-	-	39	-	24	9	11	9	1	0	0	0	0	1	-	-	0	-	-	-	-	
ENFIELD ...	9 9	17	10.4	3.4	6.9	-	17.3	25	-2.0	3	6.5	7.4	40	-	21	13	7	1	0	0	0	0	0	15	-	0	-	-	-	-	-	
GREENWICH ...	9 9	7	10.2	3.4	6.8	-	16.5	25.31	0.0	6	-	-	32	-	18	9	10	7	0	0	0	0	0	12	-	0	-	-	-	-	-	
HAMPSTEAD ...	9 9	137																														
HAMPTON ...	9 9	12	9.9	2.7	6.3	-0.2	17.1	25.30	-1.5	3	-	-	30	-	15	9	11	9	2	0	0	0	2	5	17	-	0	3.45	94	-	-	
HEATHROW AIRPORT	21-9	25	10.2	3.0	6.6	+0.1	17.7	25	-1.9	3	-	-	27	-	14	9	9	8	6	0	0	2	2	4	14	9	0	3.27	-	-	-	
KENSINGTON PALACE	9 9	25																														
KEM	21-9	6																														
PSYCHROMETER ...			9.9	2.3	6.1	-	16.8	25.30	-4.8	3	6.4	7.1	30	80	16	9	9	8	1	0	1	0	1	9	16	12	0	3.56	98	-	-	
NORTH WALL SCREEN ...			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	-	-	35	86	19	9	11	8	-	-	-	-	-	1	13	-	0	3.56	104	-	-	
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	1	1	0	1	18	0	3.56	104	-	-	
WADDON ...	9 9	59	10.0	2.4	6.2	-0.1	16.5	25	-3.0	3.4	-	-	40	-	22	9	11	9	-	-	-	-	-	3	-	-	-	-	-	-	-	
WEALDSTONE ...																																
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	1	1	0	1	3	6	14	11	0	3.48	88	-	-	
LACOCK ...	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	3	8	17	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	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	1	6	8	17	13	0	3.14	-	-	
PORTON ...	9 9	110	9.3	1.5	5.4	-0.2	16.4	25	-3.0	6	5.4	-	30	57	6	14	13	8	-	0	-	-	-	4	10	14	12	0	3.36	84	-	
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	-	-	-	-
BERKSHIRE																																
EASTHAMPTON ...	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	1	4	13	17	14	0	3.20	-	-	
FINCHAMPTON ...	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	1	8	8	17	-	0	2.98	-	-	
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	2	7	19	14	1	3.44	-	-	-	
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	2	6	15	-	0	3.38	-	5	-	
SURREY																																
MICKLEHAM ...	9 9	55																														
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	11	9	17	-	0	3.41	94	-	-
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	1	0	3	3	-	0	3.65	93	-	-	
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	4	3	-	1	-	-	-	-	
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	1	0	3	16	-	0	3.67	97	-	-	
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	1	7	9	-	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	6	4	18	-	0	3.59	-	-	
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	1	4	-	1	4.28	102	-	-	
GILLINGHAM ...	9 9	4	9.9	3.3	6.6	-	15.5	29	-1.5	3	-	-	32	-	17	9	11	7	-	-	-	-	-	1	-	-	-	-	-	-	-	
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	2	0	1	9	18	-	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	1	9	17	-	0	3.52	-	-	
HERNE BAY ...	9 9	31																														
MANSTON ...	21-9	44	9.1	3.3	6.2	-	14.7	16	-2.9	4	-	-	40	-	17	9	9	8	4	0	0	2	0	3	4	9	6	0	3.75	-	-	
MARGATE ...	9 9	16	9.7	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	1	0	5	-	0	3.78	90	-	-
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	1	0	8	4	19	-	0	3.43	-	-	
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	2	7	17	10	0	4.01	-	-	-
WHITSTABLE ...	9 9	3																														
WYE ...	9 9	56	9.5	2.6	6.1	+0.4	16.5	25	-2.5	7	6.3	6.7	52	116	22	9	10															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT OF STATION (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 BELOW 0 DEG C	SECURITE RUN 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															
7A ENGLAND NW & I.O.M.																																
CUMBRIA																																
CARTMEL ... ..	21-9	26	8.8	2.4	5.6	-	16.4	31	-4.4	3	-	47	11	6	15	12	3	0	0	0	1	0	5	13	7	0	3.55	-	-	-		
CARTMEL ... ..	9-9	34	9.3	1.7	5.5	-	16.4	30	-4.9	3	-	43	14	6	10	8	0	0	0	0	1	7	-	-	0	0	-	-	-	-		
GRIZEDALE ... ..	9-9	91	9.1	-0.6	4.3	-	17.5	30	-6.5	3	4.9	90	31	6	12	9	1	3	1	0	0	17	28	0	0	-	-	-	-	-		
HEVERHAM ... ..	9-9	30	9.7	2.0	5.9	-	16.4	30	-3.4	6	-	45	12	14	10	8	1	0	0	1	0	6	17	2	0	-	-	-	-	-		
MOOR HOUSE ... ..	9-9	556	4.1	-1.6	1.3	-	12.6	30	-7.0	3	2.5	152	40	15	19	16	13	12	0	7	0	11	24	27	0	2.96	-	-	-	-		
NEWTON RIGG ... ..	9-9	171	8.2	1.5	4.9	+0.2	15.2	31	-2.5	6	4.8	43	-	14	17	13	8	1	0	0	1	7	20	0	0	3.31	-	97	S			
SELLAFIELD ... ..	9-9	13	9.3	2.7	6.0	-	15.6	31	-0.8	3	-	43	18	6	12	9	0	0	-	-	4	4	12	-	-	4.07	-	-	-	-		
LANCASHIRE																																
BAILRIGO ... ..	9-9	53	9.2	2.6	5.9	-	15.6	31	-2.2	3	-	41	13	6	12	7	2	0	0	2	0	1	5	15	-	3.93	-	-	-	-		
HELMESHORE ... ..	9-9	260	7.5	1.4	4.5	-	15.5	30	-2.2	3	4.8	75	21	17	15	13	6	2	0	0	0	7	6	18	0	0	-	-	-	-		
KIRKHAM ... ..	9-9	24	9.5	1.9	5.7	-	15.8	31	-4.2	3	-	37	12	6	9	6	1	0	0	0	1	5	15	-	0	3.86	-	-	-	-		
MORECAMBE ... ..	9-9	7																														
NELSON ... ..	9-9	165	8.0	1.2	4.6	0.0	16.2	30	-3.7	3	4.8	5.7	70	17	14	10	8	1	0	0	0	6	20	-	0	3.40	120	S	-	-		
PRESTON ... ..	9-9	33	9.3	2.5	5.9	-	16.1	30	-4.0	3	-	87	89	13	17	13	8	1	0	1	0	2	4	14	-	0	-	-	-	-		
SLADBURN ... ..	9-9	192	8.1	1.1	4.6	-	16.5	30.31	-3.1	6	-	76	86	26	15	14	9	6	0	0	0	0	8	19	-	0	3.53	-	-	-	-	
SQUIRES GATE AIRPORT	21-9	10	9.5	2.7	6.1	+0.4	16.5	31	-2.4	6	-	30	8	6	1	0	0	0	0	0	0	3	13	9	0	3.85	98	-	-	-	-	
STONYHURST ... ..	9-9	115	9.0	1.9	5.5	+0.4	16.9	30	-3.2	3	-	63	97	15	6	13	10	1	1	0	0	0	4	11	-	0	3.68	113	-	-	-	
MERSEYSIDE																																
ATBORTH ... ..	9-9	12	9.3	3.3	6.3	-	16.2	30	-0.5	6	-	48	13	6	11	6	1	0	0	0	0	1	14	-	0	3.74	-	-	-	-	-	
SOUTHPORT ... ..	9-9	5	9.3	2.2	5.7	0.0	16.2	31	-1.6	3.6	5.6	7.6	38	12	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	-0.1	17.6	30	-1.3	6	-	54	16	6	11	8	8	0	1	1	0	0	3	15	12	0	4.03	114	-	-	-	
WEST KIRBY PARK ... ..	9-9	8	10.1	2.9	6.5	+0.4	14.6	30	-1.9	6	-	85	15	6	18	12	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	+0.5	17.7	30	-3.6	3	-	42	-	14	17	13	7	5	0	0	1	0	1	3	6	4	3.91	111	-	-	-	
WEATHER CENTRE ... ..	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROCHDALE ... ..	9-9	110	9.0	2.0	5.5	+0.5	17.1	30	-4.3	3	-	61	91	18	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	-	17	6	11	9	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	-	14	6	16	8	0	0	0	0	2	4	22	-	0	3.62	-	-	-	-
WINNINGTON ... ..	9-9	20	10.2	3.0	6.6	+0.1	18.0	30	-3.0	3	-	47	-	17	6	10	8	5	0	1	0	0	3	14	-	0	-	-	-	-	-	
ISLE OF MAN																																
DOUGLAS ... ..	9-9	87	8.1	3.6	5.9	+0.2	12.8	26	-0.6	6	-	65	86	23	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	0.0	12.1	31	-2.4	6	-	41	75	10	6	12	8	0	0	1	0	0	2	-	-	1	4.03	102	-	-	-	-
RONALDSWAY AIRPORT ... ..	21-9	16	8.7	3.5	6.1	+0.2	12.9	26	-2.2	6	-	40	-	10	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	15	10	5	0	0	0	1	11	18	13	0	3.27	-	-	-	-
BARDSEY ISLAND ... ..	21-9	16	8.8	5.1	6.9	-	12.2	31	1.2	2	-	46	-	11	14	10	8	1	0	1	0	0	3	4	2	4	-	-	-	-	-	
BOTHMNOG ... ..	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	0	1	7	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	0	1	21	-	0	3.92	-	-	-	-
TRAFFSYMYDD ... ..	9-9	193	9.0	1.6	5.3	-	18.4	26	-3.5	7	-	84	-	19	17	14	12	1	-	0	0	0	8	13	12	0	-	-	-	-	-	
VALLEY ... ..	21-9	10	9.4	3.9	6.7	+0.2	16.2	26	-0.1	6	-	35	-	10	6	11	9	2	0	0	6	1	1	1	12	8	0	4.06	95	-	-	-
CLYDD																																
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	-	-	-	-	-	
CORMEN ... ..	9-9	144	8.9	0.5	4.7	-	17.7	30	-6.2	21	-	53	-	15	10	15	9	5	3	1	0	0	-	12	19	-	0	-	-	-	-	
HAWARDEN BRIDGE ... ..	9-9	5	( 9.8)	2.5	( 6.2)	( 0.1)	18.0	30	-2.3	6	-	59	134	22	6	15	8	6	0	0	0	0	2	2	-	-	0	-	-	-	-	
LOGGHEHEADS ... ..	9-9	210	7.9	0.7	4.3	-	15.2	30	-3.2	3	4.9	5.5	72	-	17	1	16	12	9	3	0	3	4	10	15	-	0	3.78	-	5	-	-
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	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	1	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	-0.1	16.2	30	-1.5	1.2	5.9	-	51	-	12	6	17	8	5	1	0	2	0	1	6	9	-	0	-	-	-	-
POMYS(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	8	19	-	0	-	-	-	-	-	
LAKE VYRNWY ... ..	9-9	303	7.1	0.6	3.9	-0.4	15.2	30	-4.0	6	4.1	-	72	-	16	17	16	10	10	6	0	3	11	19	-	0	-	-	-	-	-	
MOEL CYNNEDO ... ..	9-9	358	6.8	-0.3	3.3	-	15.2	30	-5.8	3	-	105	-	34	17	14	11	7	3	1	0	5	16	22	-	0	-	-	-	-	-	
7A WALES S																																
DYFED																																
ABERPORTH ... ..	21-9	133	8.4	3.3	5.9	-0.4	16.3	31	-1.2	5	-	48	79	20	17	11	7	4	0	0	4	0	1	2	13	9	0	4.03	95	-	-	-
ABERYSTWYTH ... ..	9-9	4										131	-	93	18	8	7	0	0	1	0	0	1	-	-	0	4.32	106	-	-	-	-
BRYNAMMAN ... ..	21-9	183	9.4	2.4	5.9	-	17.2	31	-3.3	5	-	49	-	11	14	12	10	5	2	5	1	0	2	10	12	-	0	-	-	-	-	
CARMARTHEN ... ..	9-9	15	10.1	1.5	5.8	-	17.0	31	-4.5	5	6.5	7.1	47	-	17	14	11	9	4	0	0	0	1	11								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MARCH 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 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					AMOUNT (MM)	DATE	0-2 MM OR MORE	1-0 MM OR MORE													
8A WALES S CONTINUED																															
WEST GLAMORGAN																															
MUMBLES HEAD ...	21-9	36	8.6	4.0	6.3	-	14.5	27	-0.6	5	-	-	54	66	17	14	14	10	3	0	0	0	2	3	2	8	2	-	-	-	-
NEATH ...	9-9	62	9.4	3.0	6.2	-	17.0	31	-1.8	5	-	-	-	-	-	-	14	10	3	0	0	0	0	1	6	11	12	0	4.27	-	-
PENMAEN ...	9-9	85	9.0	3.0	6.0	-	13.9	30	-1.5	5	6.3	7.0	65	-	20	14	11	10	3	0	2	1	0	2	3	18	11	0	-	-	-
PORT TALBOT ...	9-9	7	10.4	2.8	6.6	-	17.0	31	-3.5	5	-	-	46	-	15	14	12	11	1	0	0	0	0	1	0	0	0	0	3.70	-	-
SWANSEA ...	9-9	8																													
MID GLAMORGAN																															
LLAYNON ...	9-9	242	7.9	0.7	4.3	-	16.5	30	-1.5	6	-	-	51	46	11	14	11	9	7	0	1	0	0	8	9	-	-	0	3.43	-	-
PORHCRAWL ...	9-9	6																													
SOUTH GLAMORGAN																															
CARDIFF ...	9-9	62	9.1	2.9	6.0	-0.4	16.6	30	-1.3	2	6.1	7.2	54	79	19	1	15	10	3	-	0	0	0	0	5	-	-	0	3.13	-	-
RHOOSE AIRPORT ...	21-9	67	8.8	2.8	5.8	-	15.1	31	-2.4	5	-	-	39	-	9	14	15	10	4	1	1	1	0	1	5	18	13	0	3.40	-	-
GWENT																															
CRUMBLAND ...	9-9	245	7.6	1.7	4.7	-	15.8	30	-1.6	3	4.9	5.7	37	-	11	9	14	8	3	4	0	0	0	6	9	21	-	0	3.23	-	-
NEWPORT ...	9-9	23	9.4	1.6	6.0	-	15.8	30	-2.1	6	-	-	32	-	8	14	12	11	2	0	2	0	1	1	5	16	-	0	3.18	-	-
TREDEGAR ...	9-9	313																													
USK ...	9-9	21	8.6	-1.5	3.5	-2.5	17.0	31	-6.0	3.6	6.4	-	34	-	11	14	10	8	1	0	0	0	0	7	21	25	-	0	2.27	64	-
8B ENGLAND SW																															
AVON																															
BATH ...	9-9	118	8.8	2.5	5.7	-	16.2	30	-1.2	5	6.3	-	22	-	5	9	14	8	5	1	0	0	1	3	4	-	0	-	-	-	-
FILTON ...	21-9	59	9.2	2.6	5.9	-0.4	16.5	30	-2.4	3	-	-	27	-	8	14	15	6	5	1	1	0	1	4	7	14	12	0	2.91	82	-
LONG ASHTON ...	9-9	51	9.1	2.5	5.8	-0.5	16.5	30	-2.2	3	5.9	-	27	49	6	14	15	10	3	0	0	2	0	3	5	14	-	0	3.17	83	-
SOMERSET																															
CANNINGTON ...	9-9	23	9.4	2.9	6.1	-0.5	15.5	31	-2.3	6	7.0	-	37	81	9	14	16	13	2	-	1	0	0	3	2	14	-	1	2.99	74	-
CHEODAR ...	9-9	11																													
DOWNSIDE ABBEY ...	9-9	183	8.4	2.0	5.2	-	16.2	31	-3.0	6	-	-	42	-	11	14	16	13	3	-	0	0	0	4	6	-	-	0	-	-	-
EXTON ...	21-9	336	7.3	1.8	4.5	-	15.9	30	-2.0	6	-	-	70	-	12	14	19	15	10	6	2	0	1	8	10	19	12	0	-	-	-
HAWKRIIDGE ...	9-9	314	7.3	1.4	4.3	-	15.5	30	-2.7	6	-	-	68	-	14	14	21	16	5	5	0	4	1	8	12	19	-	0	2.89	-	-
NETTLECOMBE ...	9-9	96	8.9	2.2	5.5	-	14.8	30	-3.2	6	6.3	-	60	-	13	10	17	12	1	0	0	0	0	5	7	17	-	0	-	-	-
RODNEY STOKE ...	9-9	40	9.5	2.8	6.1	-	15.5	31	-1.3	3	6.2	6.9	38	-	9	14	12	11	2	0	0	0	0	3	3	14	-	0	-	-	-
WINCANTON ...	9-9	114	9.3	2.1	5.7	-	16.5	30	-2.5	6	-	-	42	-	10	14	15	11	5	0	1	0	0	9	6	15	-	0	-	-	-
YEOVILTON ...	21-9	18	9.7	2.0	5.9	-	16.7	30	-5.5	5	-	-	33	-	7	14	15	8	2	0	1	1	0	4	9	15	13	1	-	-	-
DORSET																															
BOURNEMOUTH																															
HURN AIRPORT ...	21-9	10	10.3	2.5	6.4	-	18.0	25	-3.9	6	-	-	36	-	9	14	13	10	3	0	0	4	0	3	9	13	11	0	3.71	-	-
MEYRICK PARK ...	9-9	40	9.7	3.4	6.5	0.0	16.7	25	-1.9	6	6.5	7.1	43	77	18	11	13	9	2	0	0	0	0	4	4	11	-	0	4.03	94	-
CHRISTCHURCH ...	9-9	3	10.0	3.3	6.7	-	16.6	25	-4.0	7	-	-	30	-	8	14	10	8	0	0	0	0	0	2	5	15	-	0	-	-	-
POOLE ...	9-9	5	10.2	2.9	6.5	-0.1	17.6	30	-2.2	2.6	7.1	7.6	34	-	11	11	10	9	1	0	0	3	0	5	13	-	0	3.52	81	-	-
PORTLAND BILL (COASTGUARD) ...	21-9	86	8.6	5.0	6.8	+0.2	14.0	26	-1.2	3	-	-	62	-	10	19	12	11	1	0	0	0	0	3	2	5	2	0	4.11	-	-
SHAFTESBURY ...	9-9	207																													
SWANAGE ...	9-9	11	9.6	4.3	6.9	+0.4	14.8	30	-0.6	5	-	8.3	43	79	12	11	10	9	1	-	0	0	0	0	2	6	-	0	3.97	91	-
WEYMOUTH ...	9-9	23	10.2	3.9	7.1	-	16.7	30	-1.4	5	-	-	41	-	11	14	12	8	0	0	1	0	0	0	3	-	-	0	3.96	90	-
WINFRITH ...	9-9	26	10.3	2.7	6.5	-	17.5	30	-3.4	6	-	-	39	-	11	14	13	10	0	0	1	0	1	1	6	16	-	0	-	-	-
DEVON																															
CHELDON BARTON ...	21-9	164	9.0	2.7	5.9	-	16.9	30	-2.6	5	6.5	-	53	-	14	14	17	12	7	0	3	1	0	5	7	18	-	0	3.25	-	-
CHIVENOR ...	21-9	6	10.0	3.7	6.9	-0.4	17.5	31	-2.0	5	-	-	47	-	15	14	13	9	3	0	0	3	0	1	4	14	8	0	4.23	97	-
EXETER AIRPORT ...	21-9	32	9.9	3.1	6.5	-0.2	17.0	30	-2.7	6	-	-	45	-	10	14	14	10	4	0	0	2	0	2	5	16	10	0	2.89	73	-
EXMOUTH ...	9-9	59	9.9	3.6	6.7	+0.2	15.7	30	-1.5	5	-	-	49	-	12	14	13	10	1	0	0	1	0	3	1	-	-	0	3.61	86	-
HARTLAND POINT ...	21-9	91	8.5	4.6	6.5	-0.2	15.5	31	0.6	5	-	-	42	73	13	14	12	10	1	0	1	3	0	2	0	2	1	0	4.34	100	-
NEWTON ABBOT ...	9-9	83											58	75	9	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PLYMOUTH																															
MOUNT BATTEN ...	21-9	27	10.0	4.0	7.0	-0.1	15.7	26	-1.9	5	-	-	70	93	21	14	16	11	3	0	1	4	0	1	6	11	7	0	4.47	105	-
THE HOE ...	9-9	36	10.2	3.9	7.1	-0.3	16.6	26	-1.3	5	7.2	7.5	67	90	21	14	16	11	1	0	1	0	0	1	5	12	-	1	4.28	101	-
PRAWLE POINT ...	21-9	59																									6	4.23	-	-	-
SIDMOUTH ...	9-9	10																									-	-	-	-	-
SLAPTON ...	9-9	32	10.1	4.5	7.3	-	15.2	30	-0.5	2	-	-	56	-	17	14	14	9	1	1	0	0	0	0	1	4	-	0	-	-	-
STARCROSS ...	9-9	9	9.9	3.2	6.5	-0.2	15.2	30	-2.2	6	6.6	-	53	-	11	14	13	9	3	0	0	3	0	8	5	17	-	1	3.29	79	-
YAVISTOCK ...	9-9	139	11.0	2.6	6.8	-	18.3	26	-2.7	5	-	8.0	72	-	17	14	15	14	4	-	0	5	1	3</							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MARCH 1974

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		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	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 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																
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO ...	9 9	18	9.6	2.2	5.9	-	15.4	31	-2.6	5	-	-	39	6	6.21	14	11	-	-	-	-	-	-	-	-	5	13	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	8.0	1.8	4.9	-	13.5	30	-1.8	2	-	-	76	16	6	17	11	4	1	0	0	0	0	1	7	15	-	-	-	3.28	-	
COLERAINE UNIVERSITY ...	9 9	23	8.7	1.9	5.3	-	15.0	31	-3.3	2	5.6	6.4	39	9	21	13	9	1	0	1	0	0	0	5	7	19	-	-	-	3.65	110	
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	2	10	13	-	-	-	-	-	-	
GARRYAGH FOREST ...	9 9	88	8.5	1.1	4.8	-	14.6	31	-3.1	5	4.8	5.6	49	9	14	15	10	1	0	2	0	0	0	0	13	18	-	-	-	-	-	
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	0	0	0	3	14	17	-	-	-	-	-	
MONEYDIO ...	21-9	34	9.0	1.6	5.3	-0.4	15.5	31	-3.6	2.5	5.5	-	47	78	8	14	14	10	3	0	1	3	0	2	10	16	-	-	-	-	-	
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	6	15	-	-	-	-	-	-	
TRAAD POINT ...	9 9	16	8.3	2.4	5.3	-	12.8	30	-2.0	2	-	-	54	-	11	6	15	7	0	-	0	0	0	-	6	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	8.8	2.2	5.5	-0.2	14.8	30	-3.9	2	5.3	6.5	44	-	15	6	17	9	6	0	0	3	0	2	8	14	-	-	-	3.32	101	
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	3	10	13	-	-	-	3.36	-	
BALLYLUMFORD ...	9 9	24	9.1	3.1	6.1	-	13.3	17	-2.0	21	-	-	51	-	11	6	15	10	-	-	-	-	-	-	4	15	-	-	-	-	-	
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	1	5	12	-	-	-	3.25	-	
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	-	11	14	-	-	-	-	-	
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	1	4	9	-	-	-	-	-	
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	3	-	-	-	-	-	
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	14	17	-	-	-	3.48	-	
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	4	6	21	-	-	-	3.06	-	
MALUSK(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	3	8	24	-	-	-	-	-	
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	9	6	18	-	-	-	-	-	
BELFAST																																
MALONE ...	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MILLTOWN ...	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	-	-	-	-	-	
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	2	20	12	-	-	3.20	-	
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	-	-	-	-	-	-	-	
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	7	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	8.9	2.6	5.7	-	12.6	30	-1.6	2	5.5	6.4	34	-	7	15	13	9	3	1	0	1	0	2	3	16	-	-	-	3.09	-	
DOWN																																
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	28	-	7	6	-	-	-	-	-	-	-	-	-	-	-	-	-	3.15	-	
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	4	25	-	-	-	-	-	
DOWNPATRICK ...	9 9	26	9.2	3.0	6.1	-	13.4	30	-1.3	2	-	-	31	-	15	6	13	5	-	-	-	-	-	-	1	4	12	-	-	-	-	
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	2	17	-	-	-	3.33	-	
HILLSBOROUGH ...	9 9	116	8.7	2.0	5.3	-0.0	14.1	30	-2.4	2	5.5	6.3	29	-	6	15	18	9	0	0	1	0	0	2	7	20	-	-	-	3.15	98	
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	1	1	7	-	-	-	3.35	-	
KILLBOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLOUGH ...	9 9	9	8.9	2.6	5.7	-	12.8	16	-3.1	2	5.2	6.0	51	-	19	6	15	6	2	0	0	3	0	1	8	14	-	-	-	2.97	-	
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	0	2	5	18	-	-	-	2.99	89	
LOUGHGALL ...	9 9	25	9.1	1.9	5.5	-	15.6	31	-3.3	5	-	-	33	-	10	15	14	6	0	0	0	1	0	2	8	21	-	-	-	3.24	-	
LURGAN ...	9 9	55	9.1	2.0	5.5	-	15.3	31	-3.3	2	5.6	6.4	33	-	8	15	16	10	0	-	0	0	0	-	9	15	-	-	-	2.90	-	
PORTADOWN ...	9 9	16	9.2	2.0	5.6	-	15.3	31	-2.9	5	6.1	6.8	33	-	10	15	15	8	0	-	0	0	0	-	10	18	-	-	-	-	-	
TANDRAGEE ...	9 9	43	9.7	1.9	5.8	-	14.9	30	-3.8	5	-	-	20	-	7	15	9	5	-	-	-	-	-	-	9	-	-	-	-	-	-	
TYRONE																																
BARONSCOURT FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARRIGANS ...	21-9	113	9.0	1.8	5.4	-	15.0	30	-4.2	14	-	-	65	-	17	16	15	10	3	1	4	0	0	3	9	21	-	-	-	3.53	-	
COOKSTOWN ...	9 9	77	8.6	0.2	4.4	-	15.1	31	-5.0	2	5.1	-	65	-	13	6	16	12	1	-	0	0	0	1	10	21	-	-	-	3.47	-	
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	93	-	24	21	14	10	-	0	-	-	-	2	7	20	-	-	-	3.56	-	
LOUGH BRADAN ...	9 9	169	8.3	0.8	4.5	-	15.0	31	-4.0	5.14	-	-	74	-	15	6	14	11	3	1	0	0	0	3	8	24	-	-	-	-	-	
POMEROY FOREST ...	9 9	165	8.1	1.2	4.7	-	15.3	31	-2.5	2	5.2	-	58	-	11	6	15	10	3	1	5	0	0	2	7	19	-	-	-	3.79	-	
STRABANE CONVENT ...	9 9	44	9.6	2.0	5.8	-	15.5	30	-2.6	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FERMANAGH																																
CASTLE ARCHDALE ...	9 9	66	8.9	1.1	5.0	-0.8	14.5	31	-4.6	4	5.7	6.3	69	-	16	16	16	10	-	0	-	-	-	2	8	18	-	-	-	3.27	101	
FOREST ...	9 9	156	8.5	1.9																												



MARCH 1974

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 MET BULB DEGREES C	WET BULB DEGREES C	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 OBSERVED											SPEED (KT)														
																									34 OR MORE	22-33	11-21	1-10	0										
																														NUMBER OF OBSERVATIONS									
0 SCOTLAND N SHETLAND																																							
LERWICK	83	3	1017.5	-	3.7	0.9	6.9	86	5.1	5	3	5	6	11	1	0	0	0	0	1	7	9	11	2	0	3	13	12	3	1	1	1	7	13	2	2	1	1	0
	9	9	1018.2	+ 6.3	-	-	-	-	5.3	2	0	8	11	0	0	0	0	0	0	2	8	10	3	0	0	2	16	12	1	2	2	2	9	10	2	0	0		
	15	15	1018.2	-	5.8	1.7	7.1	76	5.3	0	9	3	9	10	0	0	0	0	0	1	7	5	16	2	0	1	17	12	1	0	1	9	9	15	2	2	1	0	
	21	21	1018.8	-	3.7	0.9	6.9	86	4.8	5	5	5	5	11	0	0	0	0	0	1	9	6	14	1	0	1	14	10	6	1	1	1	10	2	1	1	0		
ORKNEY																																							
KIRKWALL	26	3	1016.0	-	3.7	0.5	7.3	91	5.4	1	7	3	9	11	0	0	0	0	0	2	8	12	7	2	0	1	17	10	3	0	1	5	10	8	3	1	0	0	
	9	9	1016.7	+ 4.4	5.1	0.5	8.0	91	5.6	0	5	7	8	11	0	0	0	0	0	2	6	14	5	4	0	0	18	12	1	0	0	8	8	9	2	2	0		
	15	15	1016.6	-	6.5	1.1	8.2	84	5.9	0	5	4	13	9	0	0	0	0	1	0	5	16	3	6	0	5	15	11	0	2	0	11	6	5	2	1	0		
	21	21	1017.2	-	4.2	0.5	7.6	91	5.9	0	6	3	10	12	0	0	0	0	0	2	6	12	8	3	0	3	16	9	3	1	1	7	12	5	2	0			
CAITHNESS																																							
WICK	37	3	1015.7	-	3.7	0.8	6.9	86	5.5	0	7	5	9	9	1	0	0	0	1	4	5	9	5	7	0	1	16	14	0	0	0	4	6	13	2	6	0		
	9	9	1016.4	+ 3.8	4.8	1.0	7.3	84	6.4	0	3	3	18	7	0	0	0	0	0	1	9	11	5	0	0	4	17	13	1	1	0	4	7	12	1	3	2		
	15	15	1016.2	-	6.3	1.5	7.4	77	6.1	1	3	4	19	4	0	0	0	0	1	1	8	9	6	0	0	16	15	0	0	1	2	13	10	2	1	2			
	21	21	1016.9	-	4.4	0.9	7.1	85	6.2	0	3	5	13	9	1	0	0	0	1	0	8	7	9	5	0	0	13	17	1	0	0	5	11	9	2	3	0		
SUTHERLAND																																							
CAPE WRATH	113	3	1013.8	-	5.1	0.6	8.1	91	4.7	1	9	6	8	7	0	0	0	0	0	0	2	12	17	0	0	8	19	4	0	2	8	6	3	6	1	1			
	9	9	1014.7	-	5.6	0.6	8.3	90	5.7	0	4	8	9	10	0	0	0	0	0	1	6	14	10	1	0	4	21	5	0	3	5	5	5	5	2	1	0		
	15	15	1014.4	-	7.1	0.8	9.0	88	5.5	0	3	12	9	7	0	0	0	0	0	0	7	10	14	0	0	6	21	4	0	1	12	3	2	6	3	0			
	21	21	1015.0	-	5.4	0.6	8.2	90	4.8	0	7	11	5	7	1	0	0	0	0	2	15	13	0	0	0	7	19	5	0	1	10	5	2	7	1	0			
ROSS & CROMARTY																																							
STORNOWAY	5	3	1013.9	-	4.5	0.8	7.4	87	5.3	4	6	1	6	14	0	0	0	0	1	0	4	7	13	6	0	0	9	16	6	1	2	4	6	5	4	2	1		
	9	9	1014.7	+ 2.6	5.5	1.0	7.7	85	5.5	0	6	7	9	9	0	0	0	0	0	5	5	4	13	4	0	1	11	12	7	0	1	8	5	4	5	1	2		
	15	15	1014.4	-	7.6	1.8	7.8	74	4.4	0	9	10	7	5	0	0	0	0	0	1	6	6	12	6	0	2	13	14	2	0	4	7	4	8	3	0			
	21	21	1014.8	-	5.2	1.0	7.6	84	4.6	1	11	4	6	9	0	0	0	0	0	9	6	12	4	0	1	12	14	4	3	1	7	5	7	2	1	1			
INVERNESS-SHIRE																																							
BENBECULA	7	3	1013.4	-	4.6	0.6	7.8	91	5.3	3	4	5	9	10	0	0	0	0	0	2	5	9	10	5	0	3	7	17	4	4	1	3	6	9	2	1	1		
	9	9	1014.3	+ 2.2	5.7	0.8	8.1	87	5.5	0	5	6	14	6	0	0	0	0	1	0	5	7	13	5	0	2	8	21	0	2	1	11	5	7	1	0	2		
	15	15	1013.9	-	7.8	1.4	8.6	80	4.6	0	10	7	9	5	0	0	0	0	0	8	5	12	6	0	3	14	13	1	1	4	5	7	6	3	3	1			
	21	21	1014.3	-	5.2	0.8	7.8	88	4.4	3	7	7	7	7	0	0	0	0	0	9	4	14	4	0	4	9	15	3	2	4	5	5	8	2	2	0			
1 SCOTLAND E MORAYSHIRE																																							
KINLOSS	6	3	1015.5	-	3.1	0.8	6.5	85	5.8	3	3	4	8	12	1	0	1	0	1	2	4	13	3	7	0	0	4	23	4	0	4	7	1	2	12	1	0		
	9	9	1016.2	+ 3.1	4.5	1.1	7.0	82	5.7	0	6	5	11	8	1	0	0	1	0	2	10	7	4	7	0	0	4	25	2	2	3	6	4	6	2	0	0		
	15	15	1015.6	-	7.8	2.3	7.3	70	5.3	1	5	7	13	5	0	0	0	0	0	1	9	6	7	8	0	0	17	13	1	1	5	9	4	1	3	0			
	21	21	1016.6	-	4.3	1.2	6.8	82	5.4	2	6	5	9	9	0	0	0	0	0	2	11	4	9	5	0	0	3	26	2	0	1	11	2	8	7	0	0		
ABERDEENSHIRE																																							
DYCE	59	3	1016.0	-	2.9	0.6	6.8	89	6.8	1	2	3	5	17	3	0	1	1	2	3	2	10	6	1	5	0	1	9	19	2	2	2	5	3	9	1	3		
	9	9	1016.8	+ 3.0	4.1	0.9	7.0	86	6.3	0	6	1	11	13	0	0	0	0	2	2	16	7	2	2	0	0	15	13	3	1	1	12	5	7	1	3			
	15	15	1016.4	-	6.4	1.6	7.3	77	6.6	0	1	5	12	13	0	0	0	0	0	3	13	7	6	2	0	1	15	15	0	2	1	10	5	8	3	0			
	21	21	1017.3	-	3.6	0.7	7.0	88	6.3	0	6	2	5	17	1	0	0	0	2	3	4	15	2	2	3	0	1	11	18	2	3	3	5	9	2	3	1		
FRASERBURGH																																							
FRASERBURGH	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
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	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	FIFE																																						
LEUCHARS	12	3	1015.5	-	3.2	0.6	6.9	90	5.9	4	4	0	5	18	0	0	0	0	2	0	4	8	11	5	1	0	1	12	12	6	5	3	8	1	0	1	6		
	9	9	1016.2	+ 2.3	4.4	0.8	7.3	87	6.9	0	1	4	11	15	0	0	0	1	0	4	10	10	4	2	0	0	13	17	1	4	4	13	2	1	5	1			
	15	15	1015.8	-	6.2	1.4	7.5	79	6.5	1	2	3	14	10	1	0	0	0	1	0	2	8	11	7	2	0	1	19	11	0	1	7	13	1	2	4	1		
	21	21	1016.7	-	4.2	0.7	7.3	88	6.3	2	2	4	4	17	2	0	2	0	1	1	14	7	5	1	0	0	10	19	2	4	4	12	2	4	1	2			
HIDLOTHIAN																																							
TURNHOUSE	44	3	1015.3	-	3.6	0.7	7.0	89	6.2	2	5	0	5	18	1	0	1	1	0	1	13	9	4	1	0	0	9	15	7	4	4	8	0	1	4	3	0		
	9	9	1016.0	+ 1.7	4.5	0.8	7.3	86	7.1	0	1	3	10	17	0	0	0	0	1	2	3	11	8	5	1	0	0	10	19	2	1	12	5	2	1	5	0		
	15	15	1015.5	-	6.8	1.7	7.6	77	6.1	2	2	5	13	9	0	0	0	0	0	2	12	8	6	3	0	1	16	14	0	1	14	6	1	2	5	0			
	21	21	1016.4	-	4.2	0.7	7.3	88	6.0	1	5	2	7	15	1	0	0	2	0	2	15	4	7	1	0	0	8	17	6	2	4	11	1	2	2	3	0		
6 SCOTLAND W ARGYLLSHIRE																																							
MACRISHANISH	14	3	1013.8	-	4.9	1.0	7.3	83	5.6	1	5	6	5	14	0	0	0	0	1	1	7	12	7	3	0	2	15	12	2	3	2	11	5	2	3	1			
	9	9	1014.6	-	5.7	1.2	7.6	82	6.3	0	3	4	15																										



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 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 - 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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SHOEBURYNESSE	5	9	1015.3	- 1.2	5.7	0.6	8.4	91	6.4	1	3	2	9	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MARCH 1974

STATION	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	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					
										MEAN	0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											8 OR MORE	6-7	4-5	1-3	CALM													
																																								SPEED (KT)				
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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	0	3	26	2	0	0	EDDABASTON	0	5	15	10	1	0	0	0	0	0	0	3	25	3	0	0
LERWICK (SCREEN)	0	4	27	0	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	8	14	9	0	0
STORNOWAY	0	0	24	7	0	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	2	20	9	0	0
CRAIBSTONE	0	7	21	3	0	0	0	0	0	0	0	6	25	0	0	0	HASTINGS	0	1	17	12	1	0	0	0	0	0	0	1	18	12	0	0
ROTHESAY	0	4	21	6	0	0	0	0	0	0	0	3	27	1	0	0	SOUTHAMPTON	0	1	15	11	4	0	0	0	0	0	3	16	12	0	0	
ABBOTSINCH	0	2	21	7	1	0	0	0	0	0	0	7	21	3	0	0	STONYHURST	0	4	16	9	2	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	1	23	7	0	0	
ESKDALEMUIR (SCREEN)	0	8	19	2	2	0	0	0	0	0	0	9	21	1	0	0	VALLEY	0	0	18	11	2	0	0	0	0	0	2	19	10	0	0	
DOUGLAS	0	2	23	6	0	0	0	0	0	0	0	2	21	8	0	0	RHOOSE	0	2	16	12	1	0	0	0	0	0	6	15	10	0	0	
ACKLINGTON	0	5	20	6	0	0	0	0	0	0	0	7	23	1	0	0	FALMOUTH	0	0	18	13	0	0	0	0	0	0	1	20	10	0	0	
GORLESTON	0	3	26	2	0	0	0	0	0	0	0	1	25	5	0	0	ALDERGROVE	0	2	21	8	0	0	0	0	0	0	8	16	7	0	0	
CAMBRIDGE BOTANIC GARDENS	0	4	14	10	3	0	0	0	0	0	1	4	24	2	0	0	ARMAGH	0	1	19	10	1	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 34 KT	ABOVE 30 KT	34 KT OR MORE (GALE FORCE)					22-33 KT					HIGHEST HOURLY WIND			HIGHEST DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				DATES OF OCCURRENCE	HOURS BY HOURS	HOURS BY DAYS	NUMBER OF HOURS	HOURS OF NO RECORD	MEAN WIND SPEED (KT)	YEAR	MONTH	DAY	HOUR	YEAR	MONTH	DAY	HOUR	SPEED (KT)	DAY AND TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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MARCH 1974

		HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED												HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DISTRICT COUNTY AND PLACE		ABOVE 10L	ABOVE 10M EFFECTIVE HEIGHT	34 KT OR MORE (GALE FORCE)					27-33 KT	11-21 KT	4-10 KT	LESS THAN 4 KT	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HIGHEST HOURLY WIND					HIGHEST GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				DATES OF OCCURRENCE											NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	YEAR FROM 1901	MONTH (FIRST)	DAY	HOUR	YEAR FROM 1901	MONTH (FIRST)	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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# 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: Gilsa 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

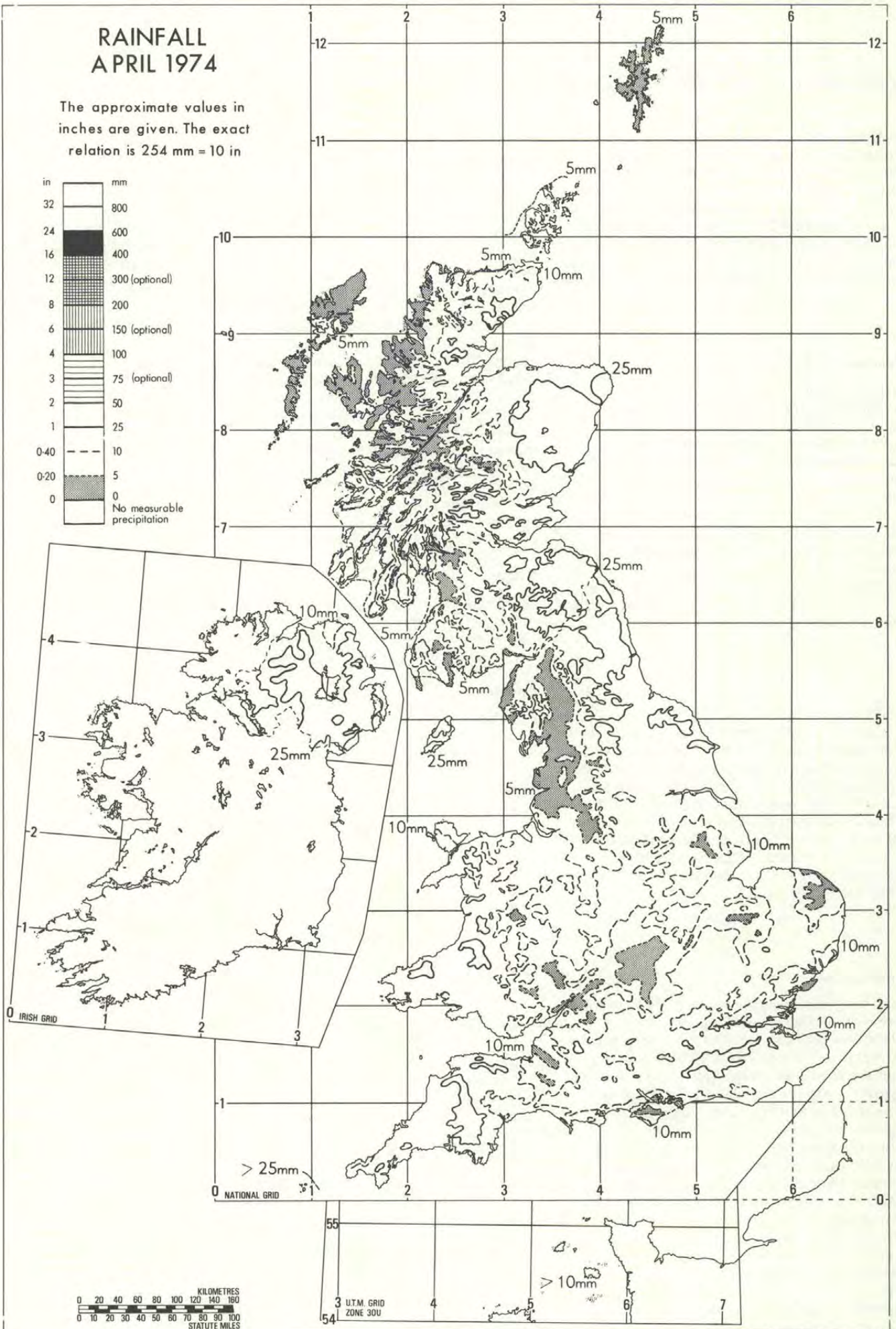
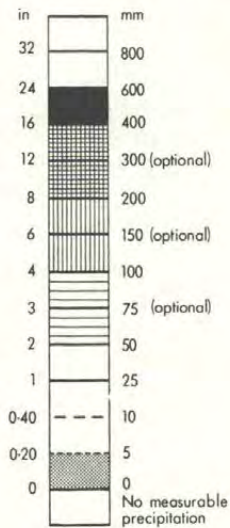
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max *	Min.*	difference from average						
0 Scotland N	21.5	-1.5	+1.2	-0.1	+0.6	+1.3	-14	15	123
1 Scotland E	19.4	-1.8	-0.7	-0.7	-0.7	+1.5	-7	43	99
2 England E & NE	16.9	-3.9	-2.5	-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.

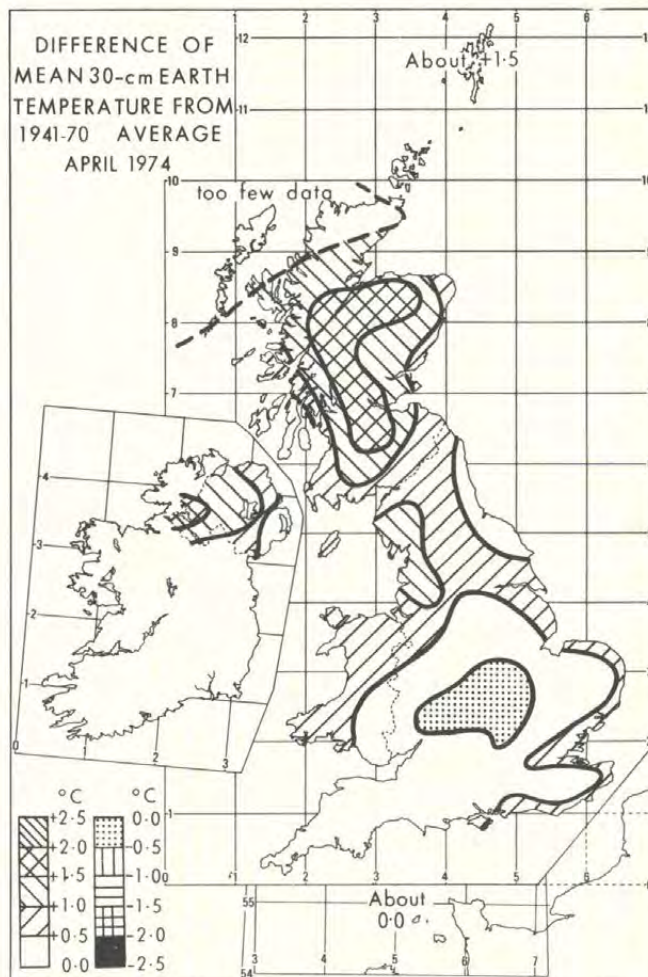
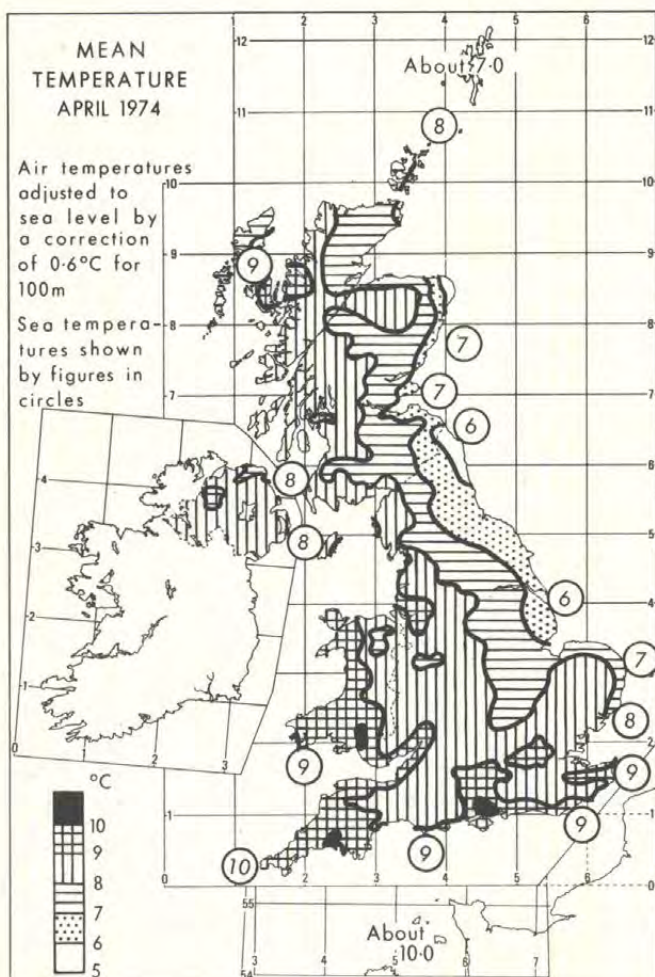
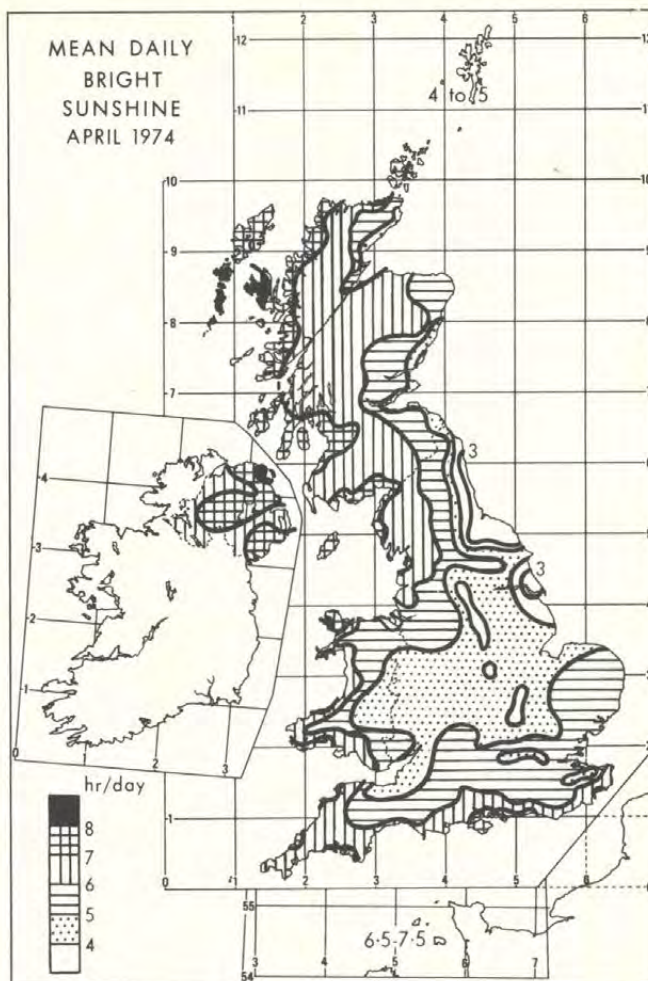
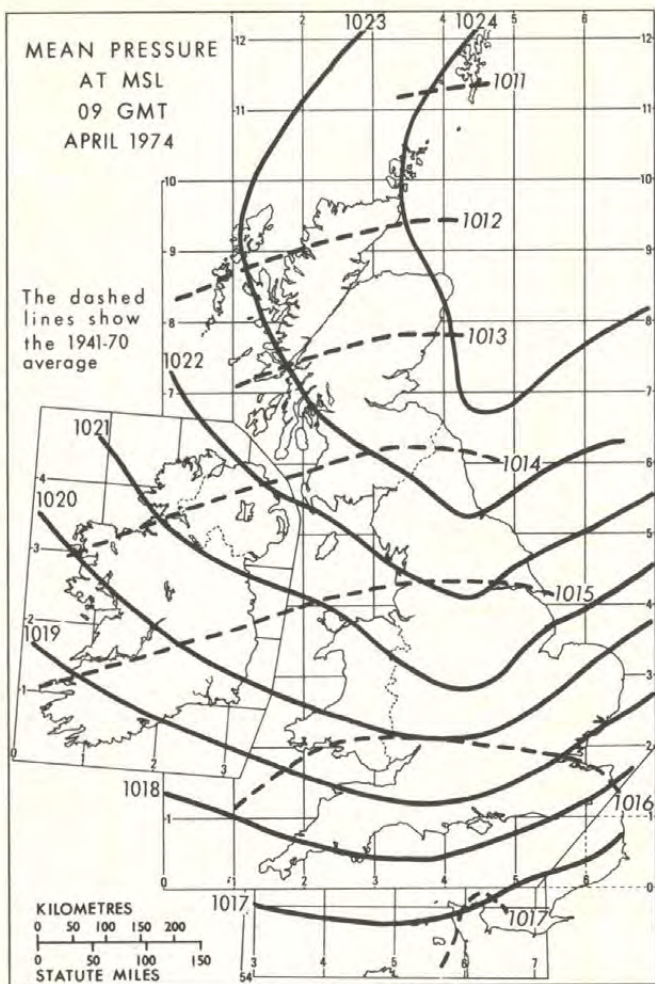


# RAINFALL APRIL 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(OMT) 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					APPROX LIGHT	DATE	0.2 MM OR MORE	1.0 MM OR MORE														
0 SCOTLAND N																																
ZETLAND																																
BALASOUND ...	9 9	24	10.6	3.8	7.2	+1.3	15.2	7	-2.2	13	6.6	-	5	6	2	13	6	2	0	0	0	0	0	0	1	-	-	0	4.78	110	-	
LERWICK	21 9	82																														
PSYCHROMETER ...			8.7	4.1	6.4	-	11.6	25	0.2	5	-	-	2	-	1	22	2	1	0	0	0	0	0	5	0	8	5	0	3.59	79	-	
SCREEN ...			8.9	4.1	6.5	+1.1	11.9	30	0.4	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ORKNEY																																
KIRKWALL AIRPORT ...	21-9	26	9.8	3.7	6.7	+0.4	14.0	8	0.2	13	-	-	10	-	7	29	3	3	0	0	2	0	0	4	0	8	4	0	4.72	93	-	
STENNESS ...	9 9	23	11.2	3.3	7.3	-	15.7	8	0.3	9	7.1	6.7	8	-	4	29	4	3	0	0	0	0	0	0	0	17	4	0	5.89	-	-	
SULE SKERRY ...	21-9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CAITHNESS																																
DOUNREAY ...	9 9	21	11.9	2.6	7.3	-	17.7	7	-1.5	13	-	-	4	-	1	12.16	4	3	0	0	0	0	0	13	3	13	-	-	7.36	-	-	
KEISS ...	9 9	30	9.6	3.8	6.7	-	12.0	25	-0.9	14	7.7	6.7	11	-	7	30	2	2	0	0	0	0	0	6	1	7	-	-	5.10	-	-	
WICK ...	21-9	36	9.4	3.6	6.5	+0.1	11.7	8	-1.2	19	-	-	15	35	9	30	6	2	0	0	0	0	0	5	2	10	6	0	4.79	92	-	
SUTHERLAND																																
CAPE WRATH ...	21-9	112	10.4	5.8	8.1	+1.8	15.5	6	2.0	11.12	-	-	6	8	5	30	2	1	0	0	0	0	0	0	0	0	0	0	7.10	-	-	
LAIRG ...			13.3	0.7	7.0	-	20.7	8	-4.9	14	7.0	6.2	12	-	3	30	7	4	0	0	0	1	0	4	12	22	-	-	6.29	-	-	
STRATHY ...	9 9	37	12.6	1.9	7.3	+0.8	21.2	7	-1.7	12	-	-	8	-	5	30	5	1	0	0	0	0	0	0	14	-	-	0	6.35	144	-	
ROSS & CROMARTY																																
ACHNASHELLACH ...	9 9	67	15.5	2.4	8.9	+2.0	22.0	7.8	-2.6	13	-	-	5	3	4	28	4	1	0	0	0	0	0	0	2	-	-	9	-	-	-	
BALMACARA ...	9 9	4	14.1	3.8	8.9	-	20.0	9	-3.8	4	-	-	3	-	2	27	3	1	0	0	0	0	0	0	1	-	-	-	-	-	-	
CONTIN(CRAIGDARROCH) ...	9 9	38	14.2	1.1	7.7	-	22.1	9	-3.2	13	-	-	14	-	7	28	4	3	0	0	1	0	0	2	9	21	-	-	0	-	-	
FORTROSE ...	9 9	5	10.4	4.0	7.2	-0.1	15.0	3	1.3	12	-	-	11	27	5	10	4	3	0	0	0	0	0	1	0	-	-	-	5.17	106	-	
INVERPOLLY ...	9 9	14	12.9	3.3	8.1	-	19.6	5	-0.9	14	7.7	-	2	-	<1	28.30	3	0	0	0	0	0	0	0	1	16	-	-	7.47	-	-	
KINLOCHWE ...	9 9	23	15.4	2.4	8.9	-	20.9	4	-3.0	14	7.7	-	6	-	6	28	1	1	0	0	0	0	0	0	2	25	-	-	5.58	-	-	
POOLEWE ...	9 9	6	13.7	4.6	9.1	-	18.3	4	1.2	14	-	-	0	-	<1	28	1	0	0	0	0	0	0	0	0	12	-	-	7.79	-	5	
RUBH RE ...	21-9	16	11.7	5.6	8.7	-	16.1	5	3.0	12.28	-	-	0	-	<1	28	1	0	0	0	0	0	0	0	0	0	0	0	-	-	-	
STORNOWAY ...	21-9	3	11.2	3.8	7.5	+0.6	13.7	7	0.1	4	-	-	1	-	1	28	2	1	0	0	0	0	0	1	0	12	7	0	6.94	136	-	
STRATHCONON ...	9 9	107	14.1	0.3	7.2	-	21.5	9	-4.3	13	-	-	20	-	11	28	6	4	0	0	0	0	0	-	15	25	-	-	0	-	-	
TARBATNESS ...	21-9	18	9.9	4.5	7.2	+0.1	13.9	23	0.6	14	-	-	15	-	9	30	4	4	0	0	0	0	0	0	3	0	-	-	0	-	-	
INVERNESS																																
BENBECULA ...	21-9	6	12.6	4.1	8.3	+0.8	17.9	5	0.7	28	-	-	3	-	3	28	2	1	0	0	0	0	0	1	0	20	8	0	8.51	147	-	
CORPACH ...	9 9	8	15.7	3.4	9.5	-	22.0	8	-0.5	14	-	-	4	-	3	28	2	1	0	0	0	0	0	-	1	8	-	-	0	-	-	
DALWHINNIE ...	9 9	351	12.9	-1.1	5.9	-	19.0	8	-5.8	14	-	-	5	-	2	28	5	2	1	0	0	1	0	20	25	-	-	0	6.35	-	5	
GLENMORE LODGE ...	9 9	341	13.2	-0.5	6.3	-	21.2	8	-5.1	14	-	-	17	-	12	28	7	2	0	0	0	0	0	3	19	26	21	0	6.62	-	-	
INVERNESS ...	9 9	4	12.0	3.3	7.7	-	17.0	3	-0.2	13	-	-	7	-	2	30	4	3	0	0	0	0	0	3	1	12	-	-	5.51	-	-	
ISLE OF RHUM ...	9 9	5	13.5	3.2	8.3	-	19.0	9	0.1	14	9.3	8.1	5	-	5	27	2	1	0	0	0	0	0	2	0	21	-	-	0	-	-	
LAGGANLIA ...	9 9	250	14.2	-2.0	6.1	-	21.4	8	-6.9	14	-	-	12	-	8	28	3	2	1	0	0	0	0	1	22	26	-	-	0	-	-	
ONICH ...	9 9	15	14.7	2.3	8.5	+1.2	21.5	4.8	-1.5	14	-	-	4	3	2	28	4	2	-	0	-	-	-	4	2	12	-	-	0	-	-	
PRABOST ...	9 9	67	13.5	4.1	8.8	-	18.4	9	0.6	18	-	-	4	-	3	28	2	2	0	0	0	0	0	1	0	16	-	-	8.58	-	-	
1 SCOTLAND E																																
NAIRN																																
NAIRN ...	9 9	6	11.1	1.5	6.3	-0.9	16.5	1	-3.2	13	-	-	14	-	6	30	4	4	0	0	0	0	0	1	9	19	-	0	5.98	116	-	
MORAY																																
ELGIN ...	9 9	15	12.0	2.4	7.2	-	16.4	7	-2.2	13	-	-	13	-	6	30	4	3	-	0	-	-	2	6	14	-	-	-	6.82	-	-	
FORRES ...	9 9	50	12.5	2.6	7.5	+0.3	19.4	9	-1.3	14	8.7	7.9	21	-	9	28	6	4	0	0	0	0	0	1	4	15	-	-	6.25	126	-	
GORDON CASTLE ...	9 9	32	12.1	3.0	7.5	+0.1	18.9	7	-0.6	6	-	-	15	39	6	30	4	4	0	0	0	0	0	0	4	-	-	-	6.70	136	-	
GRANTOWN-ON-SPEY ...	9 9	229	13.8	-0.8	6.5	-	21.5	8	-6.0	14	-	-	15	-	6	10	7	3	1	0	0	0	0	0	20	25	-	-	6.69	-	-	
KINLOSS ...	21-9	5	11.9	2.0	6.9	-0.3	19.0	9	-3.2	13	7.6	-	17	-	7	28	6	3	0	0	0	0	0	2	8	20	14	0	6.02	-	-	
LOSSIEMOUTH ...	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BANFF																																
BANFF ...	9 9	24	10.8	4.5	7.7	-	18.5	9	0.6	4	-	-	18	-	10	30	5	4	-	0	-	-	4	0	-	-	-	-	5.84	-	-	
GLENLIVET ...	21-9	215	13.4	0.5	6.9	-	22.4	8	-4.4	14	-	-	19	-	9	28	5	4	2	0	1	0	0	1	16	19	16	0	6.37	-	5	



APRIL 1974<sup>65</sup>[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL (H. OUT) 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. °C BELOW 0 DEG C	CONCRETE MIN. °C 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														
6A SCOTLAND W																																	
ARGYLL																																	
ACHAGLACHGACH ...	9	9	12	13.9	2.5	8.2	-	19.5	8	-1.4	14.15	-	-	12	-	7	11	3	3	-	0	-	-	-	-	0	5	22	-	-	-	-	-
AROS ...	9	9	37	14.7	2.6	8.7	-	20.3	8	-2.2	14	-	-	9	-	5	27	4	3	0	0	0	0	0	1	4	24	-	-	-	-	-	
BENMORE (YOUNGER BOTANIC GARDEN)	9	9	12	14.1	2.3	8.2	-	19.5	8	-2.2	14	-	-	11	-	5	28	4	3	0	0	0	0	0	3	1	22	-	-	-	-	-	
COLONSAY ...	9	9	30	-	-	-	-	-	-	-	-	-	-	8	11	3	29	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNSTAFFNAGE ...	9	9	3	14.0	3.9	8.9	-	19.8	9	0.7	14	-	-	16	-	9	29	4	3	0	0	0	0	0	1	0	19	-	-	-	-	-	
GLENBRANTER ...	9	9	24	14.4	1.0	7.7	-	19.1	8	-2.8	14	-	-	12	-	5	28	4	4	0	0	0	0	0	5	11	22	-	-	-	-	-	
KNAPDALE FOREST ...	9	9	40	13.9	2.7	8.3	-	19.6	4.9	-0.6	14	-	-	11	-	4	11	3	3	0	0	0	0	0	1	3	27	-	-	-	-	-	
MACHRIHANISH ...	21	9	10	12.3	3.9	8.1	-	17.2	4	-0.2	14	-	-	12	-	10	11	2	2	0	0	0	0	0	0	1	17	2	0	7.50	-	-	
POLLOCK ...	9	9	10	-	-	-	-	-	-	-	-	-	-	5	-	3	27	2	2	0	0	0	0	0	0	1	17	2	0	-	-	-	
PORT ELLEN ...	9	9	18	-	-	-	-	-	-	-	-	-	-	16	-	12	11	3	3	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHUVALL ...	21	9	20	12.1	5.1	8.6	-	19.8	4	2.6	13	-	-	5	-	3	28	3	2	0	0	0	0	0	1	0	2	0	0	-	-	-	
TIREE ...	21	9	9	11.7	4.7	8.2	+0.5	16.7	8	1.1	14	-	-	8	12	7	27	2	1	0	0	0	0	0	1	0	12	10	0	7.56	131	-	
BUTE																																	
BRODICK CASTLE ...	9	9	15	13.2	2.9	8.1	-	19.6	8	-0.2	15	9.9	-	10	-	7	11	4	2	0	0	0	0	0	0	1	23	-	-	-	-	-	
KILDONAN ...	21	9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROTHESAY ...	9	9	43	13.5	4.8	9.1	-	18.5	9	2.0	14	7.8	7.1	7	-	6	11	4	2	0	0	0	0	0	1	0	7	-	-	-	-	-	
DUNBARTON																																	
ARROCHMORE ...	9	9	37	13.5	2.9	8.2	-	19.2	8	-1.5	14	-	-	20	-	11	28	4	4	-	0	-	-	-	-	3	2	17	-	-	-	-	-
CUMBERNAULD ...	9	9	94	12.2	2.0	7.1	-	17.0	8	-2.5	14	-	-	14	-	9	29	4	3	0	0	0	0	0	6	3	9	-	-	-	-	-	-
FINNART ...	9	9	15	13.4	3.8	8.6	-	19.0	8	(-0.5)	8	-	-	7	-	7	29	1	1	0	0	0	0	0	1	-	-	-	-	-	-	-	-
HELMSBURGH ...	9	9	89	12.6	2.8	7.7	+0.4	17.5	9	-1.0	14	-	-	9	-	4	30	4	2	0	0	0	0	0	3	1	-	-	-	-	-	-	-
SLOY ...	21	9	12	13.7	2.3	8.0	-	19.1	9	-2.1	14	-	-	10	-	5	28	4	2	0	0	0	0	0	1	1	-	-	-	-	-	-	-
STIRLING																																	
EARLS HILL ...	21	9	335	10.8	1.8	6.3	-	16.2	8	-0.9	14	-	-	-	-	-	-	-	-	-	-	-	-	-	5	4	18	9	0	6.51	-	-	-
FALKIRK (SEWAGE WORKS)	9	9	3	11.5	2.8	7.1	-	17.6	10	-2.0	14	-	-	9	-	8	28	3	2	0	0	0	0	0	6	1	-	-	-	-	-	-	-
GRANGEMOUTH																																	
B.P. REFINERY ...	9	9	2	11.4	3.6	7.5	-	17.2	10	-1.0	14	-	-	10	-	7	28	5	2	-	-	-	-	-	1	-	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9	9	4	-	-	-	-	-	-	-	-	-	-	18	-	9	28	3	3	-	-	-	-	-	7	-	4	-	-	-	-	-	-
PARKHEAD ...	9	9	107	12.7	2.4	7.5	-	17.9	9	-2.2	14	8.4	-	7	-	4	28	3	3	-	-	-	-	-	5	3	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9	9	38	13.1	2.1	7.6	-	18.2	8	-2.5	14	8.4	7.5	4	-	2	28	5	2	0	0	0	0	0	3	5	18	-	-	-	-	-	-
RENFREW																																	
ABBOTSINCH AIRPORT ...	21	9	5	13.8	2.5	8.1	+0.2	19.4	9	-2.5	14	-	-	5	-	3	28	3	1	0	0	0	0	0	3	4	20	9	0	6.12	125	-	-
BARRHEAD ...	9	9	30	13.5	2.4	7.9	-	19.6	9	-2.4	14	-	-	5	7	3	11	3	2	0	0	0	0	0	2	2	20	-	-	-	-	-	-
GREENOCK ...	9	9	61	12.8	4.2	8.5	+0.6	18.1	8	1.9	14	-	-	5	5	3	28	2	2	0	0	0	0	0	2	0	1	-	-	-	-	-	-
PAISLEY ...	9	9	32	14.1	4.2	9.1	+0.8	20.0	9	0.5	14	9.5	8.2	5	7	3	28	3	2	0	0	0	0	0	1	0	1	-	-	-	-	-	-
LANARK																																	
CAMPS RESERVOIR ...	9	9	295	12.0	-1.4	5.3	-	17.8	4	-5.5	14	-	-	18	-	9	11	4	3	0	0	0	0	0	4	22	-	-	-	-	-	-	-
CARNWATH ...	9	9	208	12.8	-1.4	5.7	-	18.5	4.9	-6.6	14	7.5	-	11	-	5	28	4	3	0	0	0	0	0	2	21	27	21	0	-	-	-	-
COATBRIDGE ...	9	9	78	13.6	2.1	7.9	-	19.0	9	-1.5	14	-	-	7	-	5	28	3	2	0	0	0	0	0	2	2	-	-	-	-	-	-	-
CRAWFORD JOHN ...	9	9	274	12.6	-1.0	5.8	-	18.5	4	-5.5	14	7.5	-	-	-	-	-	-	-	-	-	-	-	3	20	25	19	0	-	-	-	-	-
EAST KILBRIDE ...	9	9	178	12.5	1.8	7.1	-	18.7	9	-2.2	14	-	-	15	-	12	11	4	3	0	0	0	0	0	-	3	-	-	-	-	-	-	-
GLASGOW (SPRINGBURN)	9	9	107	13.1	3.1	8.1	+0.6	18.1	8	-0.4	14	-	-	8	12	4	28	4	2	0	0	0	0	0	6	1	17	-	-	-	-	-	-
LANARK ...	9	9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEATHILLS ...	9	9	388	12.1	-0.5	5.8	-	18.0	5	-4.3	14	-	-	19	-	12	11	4	4	2	1	0	0	0	1	17	29	-	-	-	-	-	-
SALSBURGH ...	9	9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
AYR																																	
AUCHINCRAIVE ...	9	9	45	13.5	2.9	8.2	+0.5	20.5	4	-1.1	14	8.1	7.7	4	8	3	11	3	1	0	0	0	0	0	0	2	23	-	-	-	-	-	-
CUMNOCK ...	9	9	99	13.7	1.7	7.7	-	20.4	7	-2.1	30	-	-	4	-	2	11	3	2	0	0	0	0	0	0	5	18	-	-	-	-	-	-
GIRVAN ...	9	9</																															



APRIL 1974<sup>67</sup>

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	AMOUNT (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	BELIEF OF DEW C	BELIEF OF DEW F	DRLE	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															
2 ENGLAND E & NE -CONTINUED																																	
DURHAM	9.9	102	9.6	2.6	6.1	-1.4	16.8	10	-0.7	22	7.6	7.4	17	41	7	28	4	3	-	0	-	-	-	7	3	13	-	-	-	3.20	68	-	
CLEVELAND	9.9	31	8.9	2.8	5.9	-	16.3	10	-1.0	3	-	-	18	-	7	28	6	4	0	0	0	0	0	8	2	10	0	0	0	2.29	-	-	
HARTBURN GRANGE	9.9	9	8.3	4.3	6.3	-2.0	11.2	30	0.5	10	-	-	18	-	5	28	5	3	0	0	0	0	0	0	0	0	0	0	2.57	-	-		
HARTON	9.9	46	9.1	3.5	6.3	-	17.5	10	-0.4	1	7.4	7.2	19	-	7	28	6	4	0	0	0	0	0	2	2	8	0	0	2.60	-	-		
NORTH YORKSHIRE																																	
ASHKHAM BRYAN	9.9	34	12.1	-	-	-	17.2	6.7	-	-	-	-	14	33	12	11	3	1	0	0	0	0	0	6	-	8	0	0	(4.79)	(101)	-		
CAMOD	9.9	6	11.7	3.2	7.5	-	16.5	4.8	-1.0	1	8.0	7.7	13	-	12	11	3	2	0	0	0	0	0	3	1	11	0	0	4.40	-	-		
FILEY	9.9	37	7.9	4.1	6.0	-	12.5	11	1.4	22	-	-	21	-	12	12	6	3	0	0	0	0	0	0	0	0	0	0	-	-	-		
HIGH MONTBORPE	9.9	175	8.9	2.6	5.7	-	14.5	10	0.0	27	6.6	-	21	-	14	11	4	3	0	0	0	0	0	9	0	2	7	0	0	4.36	-	-	
LEEMING	21-9	32	9.9	2.9	6.4	-	16.3	10	-1.3	14	-	-	21	-	16	11	4	3	0	0	0	0	0	8	5	10	5	0	0	3.04	-	-	
MALHAM TARN	9.9	395	-	-	-	-	-	-	-	-	-	-	13	-	6	11	3	3	0	0	0	0	0	1	0	5	12	0	0	-	-	-	
PICKERING	9.9	44	10.7	2.5	6.6	-	17.3	10	-1.8	1	-	-	19	-	10	11	5	3	0	0	0	0	0	1	5	12	7	1	0	3.14	62	-	
SCARBOROUGH	9.9	53	8.4	3.9	6.1	-	11.5	30	0.4	1	7.7	7.4	22	52	10	11	5	3	0	0	0	0	0	4	0	7	0	0	-	-	-		
SILPHO MOOR	9.9	203	8.7	2.6	5.7	-	16.7	10	0.4	1	6.4	-	28	-	11	11	13	4	2	0	0	0	0	7	0	12	2	0	0	-	-	-	
WHITBY (COASTGUARD)	21-9	60	7.0	3.7	5.3	-	9.7	22	-1.5	1	-	-	8	-	4	28	4	2	0	0	0	0	0	9	2	2	0	0	0	-	-	-	
YORK (HESLINGTON)	9.9	20	11.8	3.1	7.5	-	17.3	4.5	0.3	1	8.5	8.1	12	-	11	11	5	1	0	0	0	0	0	1	0	7	0	0	4.99	-	-		
HUMBERSIDE																																	
BRIDLINGTON	9.9	48	8.2	3.5	5.9	-	10.6	30	1.5	15	-	-	26	-	19	11	4	3	0	0	0	0	1	0	9	0	4	0	0	4.11	-	-	
BRIGG	9.9	3	10.7	3.2	6.9	-	16.5	30	-2.1	27	-	-	17	-	9	11	5	3	0	0	0	0	0	2	7	10	0	0	0	-	-	-	
CLEETHORPES	9.9	7	(9.0)	(4.5)	(6.7)	-1.7	15.0	30	-0.5	29	-	-	21	50	10	11	4	4	0	0	0	0	0	3	1	2	2	0	0	2.96	56	-	
HULL	9.9	2	10.3	3.7	7.0	-1.7	16.9	30	0.5	14	8.6	8.2	21	45	16	12	5	3	0	0	0	0	0	0	0	8	0	0	2.84	59	-		
KILNSEA	21-9	12	7.6	4.4	6.0	-	13.2	30	0.4	29	-	-	20	-	12	11	6	4	0	0	0	0	0	9	0	-	0	0	0	3.65	-	-	
LINCOLNSHIRE																																	
BIBBROOK	21-9	108	8.9	3.0	5.9	-	14.7	30	-0.9	29	-	-	15	-	7	11	7	3	0	0	0	0	0	7	1	10	8	0	0	3.36	-	-	
CRAWWELL	9.9	62	10.7	3.1	6.9	-1.2	15.4	4	-0.6	14	8.1	7.7	7	16	3	11	5	3	0	0	0	0	0	0	4	9	5	0	0	4.50	86	-	
SKELDON	9.9	7	11.2	2.3	6.7	-1.6	16.4	10	-3.9	14	8.0	7.5	7	-	4	11	4	2	0	0	0	0	0	2	8	13	-	0	0	4.21	-	-	
SKEGNESS	9.9	5	8.7	4.5	6.6	-1.5	10.5	5.24	0.0	29	-	-	10	24	6	10	4	3	0	0	0	0	0	8	0	3	-	0	0	(4.01)	(74)	-	
WADDINGTON	21-9	68	10.7	3.4	7.1	-1.2	15.8	10	-0.2	14	-	-	7	-	4	11	5	2	0	0	0	0	0	5	1	9	2	0	0	4.54	85	-	
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL	21-9	17	10.9	4.6	7.7	-	16.8	2	0.6	23	-	-	4	-	1	28	7	1	0	0	1	0	1	2	0	7	0	0	-	-	-	-	
COSTESSEY	9.9	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CROMER	9.9	54	9.1	4.6	6.9	-1.4	16.0	2	2.4	29	-	-	5	13	2	28	4	3	0	0	0	0	0	6	0	4	0	0	-	-	-	-	
EAST DEREHAM	9.9	53	13.1	3.5	8.3	-	20.3	10	0.2	23	-	-	13	-	10	11	7	2	0	0	0	0	0	4	0	8	0	0	0	-	-	-	
GORLESTON	21-9	4	8.5	5.3	6.9	-1.2	13.8	30	1.0	26	9.1	8.7	11	29	7	2	6	3	0	0	0	0	0	2	1	4	0	0	0	5.20	92	-	
MARHAM	21-9	23	12.2	4.0	8.1	-	18.7	4	-0.8	23	-	-	5	-	1	12-23	7	4	0	0	0	0	0	0	2	1	4	0	0	5.43	-	-	
MORLEY ST BOTOLPH	9.9	48	12.2	3.6	7.9	-	19.2	10	-0.4	18	8.8	-	9	-	5	28	8	2	0	0	1	0	0	3	2	10	0	0	0	5.57	-	-	
SANTON DOWNHAM	9.9	24	13.4	1.7	7.5	-	21.0	10	-5.0	15	8.1	8.0	10	-	3	25	7	3	0	0	0	0	0	3	9	20	0	0	0	5.08	-	-	
SCOLE	9.9	27	12.8	3.9	8.3	-	21.1	10	-0.5	18.23	9.1	9.1	19	-	11	27	5	3	0	0	0	0	1	1	2	8	0	0	0	5.54	-	-	
TERRINGTON ST CLEMENT	9.9	3	11.2	3.9	7.5	-1.0	16.7	9	-0.5	23	8.3	-	15	-	3	11	5	2	0	0	0	0	0	2	1	10	0	0	0	4.94	94	-	
CAMBRIDGESHIRE																																	
BOXWORTH	9.9	44	12.2	2.8	7.5	-	19.0	4	-1.0	14	-	-	11	-	5	27	6	3	0	0	0	0	0	7	4	12	-	0	0	4.84	-	-	
CAMBRIDGE	9.9	12	(13.3)	(3.3)	(8.3)	(-0.6)	19.5	4	-2.1	23	9.4	9.2	10	27	7	27	3	2	0	0	0	0	0	1	2	11	-	0	-	-	-	-	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY																																	
MARCH	9.9	26	13.4	2.9	8.1	-	20.2	4	-1.0	23	-	-	10	-	4	27	4	4	0	0	0	0	0	5	3	13	-	0	0	5.09	96	-	
NEPAL	9.9	1	12.7	2.7	7.7	-	19.4	4	-2.1	23	9.1	9.2	9	-	4	11	7	2	0	0	0	0	0	2	5	14	-	0	0	4.89	-	-	
MONKS WOOD	9.9	40	12.2	2.7	7.5	-	19.3	4	-2.7	23	8.4	8.1	9	-	4	26	5	4	0	0	0	0	0	5	5	12	-	0	0	4.34	-	-	
WITTERING	9.9	73	11.4	3.5	7.5	-	17.9	4	0.7	23	-	-	15	-	5	11	6	4	0	0	2	0	0	6	0	9	6	0	0	4.27	-	-	
WYTON	21-9	40	12.5	3.0	7.7	-	19.5	4	-1.5	14	-	-	11	-	6	28	5	2	0	0	0	0	1	5	1	11	6	0	0	-	-	-	
SUFFOLK																																	
ALDEBURGH	9.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BROOMS BARN	9.9	75	12.7	3.6	8.1	-	20.3	10	-0.2	29	8.5	8.4	20	-	7	27	7	5	0	0	2	0	0	4	1	9	-	0	0	5.45	-	-	
EAST BERGHOLT	9.9	4	13.8	3.2	8.5	-	19.5	10	-0.5	20	-	-	10	-	5	27	4	3	0	0	0	0	0	2	1	16	-	0	0	5.17	-	-	
HONINGTON	21-9	50	12.7	3.4	8.1	-	20.5	10	-1.0	23	-	-	23	-	11	27	8	4	0	0	2	0	0	4	1	10	4	0	0	5.22	-	-	
LOWESTOFT	9.9	25	10.0	5.1	7.5	-0.6	15.5	30	0.7	23	9.2	8.8	11	29	3	27	8	5	0	0	0	0	1	0	0	1	0	0	0	5.33	94	-	
MATTISHAM	21-9	89	12.3	3.4	7.9	-	19.7	10	-0.2	23	-	-	15	-	10	27	6	2	0	0	0	0	0	3	1	8	4	0	0	5.39	-	-	
BEDFORDSHIRE																																	
CARDINGTON	21-9	29	13.0	2.7	7.9	-	19.9	4	-3.7	15	8.2	8.0	13	-	6	27	5	3	0	0	0	0	1	1	4	5	14	7	0	0	4.31	-	-
LUTON	9.9	159	12.0	3.7	7.9	-	18.4	9	0.4	29	8.8	-	24	-	9	5	5	4	-	0	-	-	-	6	0	-	0	0	0	4.01	-	-	
SILSOE	9.9	61	12.5	2.6	7.5	-1.0	19.0	9	-2.6	23	7.8	8.0	12	-	6	27	5	4	0	0	1	0	0	6	4	13	8	-	0	4.33	82	-	
WOBURN	9.9	89	12.1	2.2	7.1	-1.2	18.3	9	-3.0	23	7.9	7.6	16	36	9	27	6	3	0	0	0	0	0	5	5	16	-	0	0	3.94	78	-	
HERTFORDSHIRE																																	
ALDENHAM SCHOOL	9.9	91	13.3	3.1	8.2	-	20.0	10	-1.1																								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 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 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	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. BELON O DEG C	CONCRETE MIN. BELON O DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
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	1	0	12	9	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	4	2	9	-	0	-	-	-	-	-
HUDDESFIELD																																
ORKS ...	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	9	0	15	8	0	3.97	92	-	-	-
RAVENSKNOLLE	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	5	1	12	1	0	3.79	92	-	-	-
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	3	0	10	0	0	4.51	99	-	-	-
PONTEFRAC	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	1	0	-	-	0	-	-	-	-	-
WILSON ...	9 9	262	9.8	2.1	5.9	-	15.7	10	-1.0	14	-	-	18	-	8	11	4	4	0	0	0	0	4	2	16	9	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	4	1	14	4	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	2	0	7	0	0	4.02	(93)	-	-	-
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	7	1	9	-	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	6	5	13	-	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	1	1	10	-	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	4	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	12	0	3	-	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	5	7	13	13	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	-	-	-	-	1	-	-	-	-	-	-	-	-	-
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	1	1	9	-	0	4.39	94	-	-	-
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	3	3	18	-	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	4	0	10	3	0	3.87	84	-	-	-
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	1	16	-	0	5.39	-	-	-	-
OKEN ...	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	2	3	15	-	0	-	-	-	-	-
PENKIRIDGE	9 9	101	11.0	3.0	7.5	-	15.9	10	-1.5	27	-	-	9	-	4	11	4	4	0	0	0	0	1	2	16	-	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	6	4	17	-	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	6	6	12	-	0	4.22	-	-	-	-
NEWTOWN LINCOLN	9 9	119	11.7	2.8	7.3	-	16.3	10	-2.2	15	-	-	12	-	6	11	4	3	0	0	0	0	6	1	8	-	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	2	5	14	-	0	4.50	96	-	-	-
OSWESTRY ...	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	6	0	20	-	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	3	6	19	12	0	4.35	87	-	-	-
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	7	2	16	-	0	4.81	98	-	-	-
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	7	0	8	4	0	4.48	98	-	-	-
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	3	7	14	8	0	4.85	99	-	-	-
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	-	-	-	-	-
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	6	3	11	-	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	7	5	22	-	0	4.71	-	-	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 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 FROST 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
5 ENGLAND SE & CENTRAL S. GREATER LONDON BROMLEY ... ENFIELD ... GREENWICH ... HAMPSTEAD ... HAMPTON ... HEATHROW AIRPORT ... KENSINGTON PALACE ... KEN PSYCHROMETER ... NORTH WALL SCREEN ... LONDON WEATHER CENTRE ST JAMES PARK ... SOUTHGATE ... WADDON ... WEALDSTONE ... WILTSHIRE BOSCOMBE DOWN ... LACOCK ... LARKHILL ... LYNEHAM ... PORTON ... UPAVON ... BERKSHIRE EASTHAMPTON ... FINCHAMPTON ... HURLEY ... READING ... SHINFIELD ... SURREY MICKLEHAM ... WISLEY ... KENT DOVER ... DUNGENESS ... EAST MALLING ... ELMSTONE ... FAVERSHAM ... FOLKESTONE ... GILLINGHAM ... GOUDHURST ... HADLOW COLLEGE ... HERNE BAY ... MANSTON ... MARGATE ... THORNEY ... ULCOMBE ... WHITSTABLE ... WYE ... HAMPSHIRE ALICE HOLT LODGE ... EVERTON ... HAYLING ISLAND ... LECKFORD ... LONG SUTTON ... MARTYR WORTHY ... SOUTHAMPTON (THAYFLOWER PARK) SOUTH FARNBOROUGH ... SOUTHSEA ... WINCHESTER ... ISLE OF WIGHT RYDE ... ST CATHERINES POINT ... SANDOWN ... SHANKLIN ... VENTNOR ... WEST SUSSEX BOGNOR REGIS ... FARNHURST ... GATWICK AIRPORT ... LITTLEHAMPTON ... NORTH HEATH ... ROGATE ... THORNEY ISLAND ... WORTHING ... EAST SUSSEX BEXHILL ... BODIAM ... BRIGHTON ... EASTBOURNE COASTGUARD ... WILMINGTON SQUARE ... EAST HOATHLY ... HASTINGS ... PLUMPTON ...	9 9 9 9 9 9 9 9 9 9 21-9 9 9 21-9 9																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL H(OMT) 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	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 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	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
7A ENGLAND NW & I.O.M.																																																
CUMBRIA																																																
CARLISLE ...	21-9	26	13.1	2.2	7.7	-	18.8	9	-2.8	14	-	-	6	-	3	11	4	3	0	0	0	0	0	1	4	21	8	0	6.83	-	-																	
CARTMEL ...	9 9	34	13.7	2.3	8.0	-	19.9	4	-3.0	30	-	-	3	-	2	11	3	1	0	0	0	0	0	0	6	-	0	-	-	-	-																	
GRIZEDALE ...	9 9	91	13.9	0.3	7.1	-	20.0	5	-4.6	14	7.1	-	5	-	2	12	5	2	0	0	0	0	0	0	0	28	0	0	-	-	-																	
HEVERSHAM ...	9 9	30	14.1	3.0	8.5	-	20.5	4	-2.4	14.30	-	-	3	-	1	11	4	1	0	0	0	0	0	0	12	28	0	0	-	-	-																	
MOOR HOUSE ...	9 9	556	8.9	-1.9	3.5	-	14.8	10	-6.3	14	4.4	-	16	-	8	28	5	3	3	0	0	0	0	0	4	24	28	0	0	6.44	-	-																
NEWTON RIGG ...	9 9	171	12.8	1.5	7.1	-	19.0	10	-3.6	14	8.0	-	2	-	1	28	3	1	0	0	0	0	0	1	9	24	0	0	6.02	128	S																	
SELLAFIELD ...	9 9	13	13.7	4.1	8.9	-	19.6	4.7	-1.6	14	-	-	5	-	4	10	3	1	0	0	0	0	0	0	3	22	-	0	7.21	-	-																	
LANCASHIRE																																																
BAILRIGG ...	9 9	53	13.0	4.0	8.5	-	19.4	4	-2.5	14	-	-	2	-	<1	11	3	0	0	0	0	0	0	0	1	20	0	0	7.12	-	-																	
HELMESHORE ...	9 9	260	11.1	3.2	7.1	-	17.9	10	-0.4	14	8.2	-	4	-	4	11	2	1	0	0	0	0	0	0	1	18	0	0	-	-	-																	
KIRKHAM ...	9 9	24	13.1	2.6	7.9	-	19.4	4	-2.2	30	-	-	5	-	4	11	2	1	0	0	0	0	0	0	4	-	0	0	6.49	-	-																	
MORECAMBE ...	9 9	7	13.8	4.9	9.3	+1.0	20.6	4	0.5	14	-	-	2	3	1	11	3	1	0	0	0	0	0	0	1	0	0	0	6.89	131	-																	
NELSON ...	9 9	165	11.2	-0.7	5.3	-1.8	18.0	10	-7.7	28	7.5	7.2	7	-	5	11	4	2	-	-	-	-	3	17	18	0	0	5.45	128	S																		
PRESTON ...	9 9	33	13.1	3.8	8.5	-	18.8	4	-1.1	30	-	-	4	7	4	11	1	1	0	0	0	0	0	0	0	1	15	0	0	-	-	-																
SLAIDBURN ...	9 9	192	11.5	2.1	6.8	-	18.3	10	-1.5	30	-	-	5	5	4	11	3	1	0	0	0	0	0	0	5	19	0	0	6.18	-	-																	
SQUIRES GATE AIRPORT ...	21-9	10	13.4	2.7	8.1	+0.1	21.3	4	-2.3	30	-	-	5	-	4	11	3	1	0	0	0	0	0	0	2	20	10	0	6.55	114	-																	
STONYHURST ...	9 9	115	13.3	3.2	8.3	+0.6	20.0	10	-0.8	30	-	-	4	6	4	11	2	1	0	0	0	0	0	0	1	14	0	0	6.06	129	-																	
MERSEYSIDE																																																
ALBURNTH ...	9 9	12	13.2	4.6	8.9	-	20.0	4	0.6	14	-	-	15	-	12	11	4	2	0	0	0	0	0	0	0	-	0	0	-	-	-																	
SOUTHPORT ...	9 9	5	13.2	3.1	8.1	-0.1	19.8	4	-1.2	14.27	8.4	8.5	3	-	3	11	2	1	0	0	0	0	0	0	4	10	0	0	6.19	111	-																	
SPEKE AIRPORT ...	21-9	22	13.9	3.9	8.9	0.0	21.7	4	0.2	14	-	-	14	-	11	11	4	2	0	0	0	0	0	0	0	10	8	0	5.60	115	-																	
WEST KIRBY PARK ...	9 9	8	13.8	3.8	8.8	+0.1	19.6	4	0.1	14	-	-	10	-	8	11	5	2	0	0	0	0	0	0	0	7	0	0	5.75	107	-	-																
GREATER MANCHESTER																																																
BOLTON ...	9 9	107	12.7	3.6	8.1	-	18.0	4.10	0.2	30	8.0	7.7	4	-	4	11	1	1	0	0	0	0	0	0	0	10	0	0	5.75	125	-	-																
MANCHESTER																																																
RINGWAY AIRPORT ...	21-9	75	13.2	4.6	8.9	+0.6	19.8	4	0.8	14	-	-	4	-	4	11	2	1	0	0	0	0	0	1	0	12	1	0	5.73	120	-	-																
WEATHER CENTRE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
ROCHDALE ...	9 9	110	12.4	3.8	8.1	+0.6	18.4	10	-1.6	30	-	-	5	7	4	11	3	1	0	0	0	0	0	0	1	7	-	0	5.92	138	-	-																
CHESHIRE																																																
KNUTSFORD ...	9 9	65	13.9	3.2	8.5	-	19.9	4	-0.5	27	8.5	8.1	6	-	5	12	3	1	0	0	0	0	0	1	2	18	-	0	-	-	-																	
MACCLESFIELD ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																	
NESS GARDENS ...	9 9	55	13.5	3.6	8.5	-	19.2	4	-0.5	14	9.0	-	18	-	13	11	3	3	0	0	0	0	0	3	1	20	0	0	5.02	-	-	-																
WINNINGTON ...	9 9	20	14.0	4.2	9.1	-0.1	20.0	4	0.6	14	-	-	11	-	10	12	2	1	0	0	0	0	0	1	0	9	0	0	-	-	-	-																
ISLE OF MAN																																																
DOUGLAS ...	9 9	87	11.9	5.6	8.7	+1.0	18.0	4	1.5	14	-	-	21	31	15	11	4	2	0	0	0	0	0	0	8	-	0	0	7.68	133	-	-																
POINT OF AYRE ...	21-9	9	11.3	4.9	8.1	-0.3	14.1	8	0.2	30	-	-	21	43	15	11	2	2	0	0	0	0	0	2	0	-	0	0	7.82	133	-	-																
RONALDSWAY AIRPORT ...	21-9	16	12.1	4.1	8.1	+0.3	18.1	4	-0.6	14.30	-	-	22	-	18	11	3	2	0	0	0	0	0	0	2	13	2	0	7.31	128	-	-																
7B WALES N																																																
GWYNEDD																																																
BALA ...	9 9	163	12.6	1.3	6.9	-	18.4	10	-3.2	15	8.6	8.2	20	-	4	10	5	2	0	0	0	0	0	2	7	21	11	0	5.59	-	-	-																
BARDSEY ISLAND ...	21-9	16	12.4	6.7	9.5	-	18.2	4	3.7	14	-	-	8	-	17	10	5	2	0	0	0	0	0	0	0	3	1	0	-	-	-	-																
BOTHWOD ...	9 9	34	13.5	5.5	9.5	-	19.4	5	0.3	30	10.0	9.4	19	-	15	10	5	3	0	0	0	0	0	0	0	12	-	0	7.31	-	-	-																
PEN-Y-FFRIDD ...	9 9	84	13.1	4.9	9.0	-	19.1	4	-0.1	30	-	-	11	-	5	11	4	3	0	0	0	0	0	0	0	1	20	0	0	7.24	-	-	-															
TRANSFYNYDD ...	9 9	193	13.3	3.4	8.3	-	19.0	4	-1.0	27	-	-	14	-	5	10	4	4	0	0	0	0	0	0	2	16	6	0	-	-	-	-																
VALLEY ...	21-9	10	13.6	4.9	9.3	+0.8	20.1	4	0.7	30	-	-	8	-	5	10	4	2	0	0	0	0	0	0	1	0																						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1974

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 CH DEGREES C	100 CH 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 BELOW 0 DEG C	PALE	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															
8A WALES S CONTINUED																																	
WEST GLAMORGAN																																	
MUMBLES HEAD	21-9	36	12.4	6.3	9.3	-	16.5	4	3.0	14	-	-	12	16	11	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NEATH	9-9	62	13.8	5.6	9.7	-	19.3	4.5	0.9	30	-	-	12	16	11	10	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
PENMAEN	9-9	85	12.8	4.8	8.8	-	18.1	4	-0.2	14	9.5	9.4	16	13	10	4	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	-	-	15	-	10	10	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SWANSEA	9-9	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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	2	3	-	-	0	5.33	-	5	
PORTRCALN	9-9	6	13.8	-	-	-	19.5	5	-	-	-	-	16	-	12	10	2	2	0	0	0	0	0	0	-	-	-	-	0	6.82	-	5	
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	4.92	90	5	
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	5.91	-	-	
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	1	0	12	-	0	5.18	-	-	
NEWPORT	9-9	23	13.2	(4.3)	(8.7)	-	18.7	4	0.0	30	-	-	9	-	6	12	4	2	0	0	0	0	0	0	0	0	-	-	0	5.28	-	-	
TREDEGAR	9-9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	-	-	-	-	-	-	-		
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	1	8	13	0	0	4.17	85	-		
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	1	3	0	-	-	0	-	-	-	
FILTON	21-9	59	12.3	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	1	12	6	0	4.57	89	-
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	1	12	-	0	4.88	91	-	
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	1	-	0	4.73	83	5		
CHEDDAR	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	1	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	4	2	3	16	6	0	-	-	
HAWKRIOTE	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	2	3	14	20	0	4.49	-	-	
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	1	6	20	0	-	-	-	
RODNEY 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	1	9	-	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	1	0	11	-	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	1	4	12	11	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	7	16	10	0	6.43	-	-
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	6.79	111	-	
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	2	2	13	-	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	6.44	107	-	
POOLE	9-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	2	0	0	6.42	-	-	-
SHAFTESBURY	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	6.45	102	-	
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	5.99	94	-	
WIMFRITH	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	5	18	-	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	3	17	-	0	5.54	-	-	
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	17	0	0	6.88	112	-
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	2	18	2	0	5.33	95	-	
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	6.49	107	-	
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	7.10	115	-	
NEWTON ABBOT	9-9	83	12.6	4.8	8.7	-0.4	17.1	7	0.6	30	-	-	20	34	13	10	7	4	0	0	0	0	0	0	0	0	0	8	-	0	6.09	102	-
PLYMOUTH																																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

APRIL 1974

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		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	DRY 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	1-10 MM OR MORE														
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO ...	9 9	18	13.6	2.9	8.3	-	19.9	4	0.5	14.15.16	-	-	27	-	14	11	5	4	-	-	-	-	-	-	0	16	-	-	-	-	-	-
BANAGHER (CAUGH HILL) ...	9 9	216	12.9	3.0	7.9	-	17.5	4	0.4	16	-	-	20	-	10	11	5	2	0	0	0	0	0	1	0	18	-	-	-	-	-	-
COLERAINE UNIVERSITY ...	9 9	23	13.3	1.6	7.5	-	19.7	4	-2.5	22	8.6	7.8	21	-	11	11	3	2	0	0	0	0	0	0	0	18	-	-	-	-	-	-
COOLKEERAGH ...	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNORD FOREST ...	9 9	88	14.0	1.6	7.8	-	18.8	4	-1.4	14	-	-	35	-	24	11	5	4	0	0	0	0	0	2	4	-	-	-	-	-	-	-
GARYVAGH FOREST ...	9 9	88	13.3	1.1	7.2	-	19.6	4	-1.6	27	8.4	7.0	22	-	15	11	4	2	0	0	0	0	0	11	23	-	-	-	-	-	-	-
LOUGHERMORE FOREST ...	9 9	174	13.6	0.5	7.1	-	19.5	4	-4.4	22	-	-	29	-	18	30	6	3	0	0	0	0	0	1	14	24	-	-	-	-	-	-
MONEYDIG ...	21-9	34	13.9	1.0	7.5	-0.3	20.1	4	-3.2	22	8.9	-	13	20	6	30	3	2	0	0	0	0	0	2	9	21	-	-	-	-	-	-
SOMERSET FOREST ...	9 9	43	14.1	2.2	8.1	-	20.4	4	-1.5	22	-	-	16	-	8	30	2	2	0	0	0	0	0	0	6	16	-	-	-	-	-	-
TRAOD POINT ...	9 9	16	13.1	3.1	8.1	-	17.9	4	-0.6	15	-	-	23	-	12	30	3	2	0	0	0	0	0	0	3	-	-	-	-	-	-	-
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	13.3	3.3	8.3	+0.4	18.5	4	-0.8	15	9.4	8.0	19	-	12	30	4	2	0	0	0	0	0	1	3	13	-	-	-	-	-	-
ALTNAHINCH ...	9 9	226	12.3	2.5	7.4	-	19.0	4	-1.2	23	-	-	26	-	13	11	3	3	0	0	0	0	0	0	4	15	-	-	-	-	-	-
BALLYLUMFORD ...	9 9	24	11.8	4.7	8.3	-	15.6	8	2.0	30	-	-	28	-	20	11	5	3	0	0	0	0	0	0	0	15	-	-	-	-	-	-
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	11.4	2.2	6.8	-	16.8	8	-2.1	14	-	-	20	-	10	11	3	3	0	0	0	0	0	0	6	16	-	-	-	-	-	-
GREENMOUNT ...	9 9	32	13.6	1.2	7.4	-	18.4	8	-4.1	14	8.7	-	21	-	13	30	2	2	0	0	0	0	0	0	10	13	-	-	-	-	-	-
KILROD ...	9 9	22	12.0	3.8	7.9	-	16.6	8	-0.4	3	-	-	31	-	15	11	6	4	0	0	0	0	0	1	1	7	-	-	-	-	-	-
LARNE ...	9 9	43	12.3	3.6	7.9	-	16.5	8	0.3	30	-	-	29	-	18	11	4	4	0	0	0	0	0	0	0	0	-	-	-	-	-	-
LISNAFFILLAN ...	9 9	38	13.4	2.7	7.8	-	19.2	4	-2.7	22	-	-	14	-	9	30	3	2	0	0	0	0	0	0	5	17	-	-	-	-	-	-
LONTOWN ...	9 9	271	11.2	3.1	7.1	-	15.9	8	0.4	30	7.4	-	43	-	29	11	4	3	0	0	0	0	0	2	0	20	-	-	-	-	-	-
MALUSKI (HYDE PARK) ...	9 9	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKMORE FOREST ...	9 9	235	10.9	2.1	6.5	-	15.1	4	-1.9	14	7.6	-	42	-	27	11	5	3	0	0	0	0	0	3	5	24	-	-	-	-	-	-
WOODBURN NORTH ...	9 9	217	11.1	1.5	6.3	-	15.5	4.8	-2.0	30	-	-	43	55	23	11	7	5	0	0	0	0	0	8	5	17	-	-	-	-	-	-
BELFAST																																
MALONE ...	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTOWNABBEY ...	9 9	32	11.8	4.9	8.3	-	15.7	15	1.8	18	9.3	-	32	-	15	11	7	4	0	0	0	0	0	0	19	0	-	-	-	-	-	-
ROSEBANK ...	9 9	47	13.3	3.3	8.3	-	17.6	8	0.3	14	-	-	38	-	26	11	4	3	0	0	0	0	0	0	0	0	-	-	-	-	-	-
ROSETTA ...	9 9	24	12.8	3.4	8.1	-	16.9	4	-1.1	14	-	-	37	-	23	11	5	3	0	0	0	0	0	1	3	-	-	-	-	-	-	-
STORMONT CASTLE ...	9 9	56	12.8	4.2	8.5	-	16.6	4	1.8	3	8.9	8.3	38	-	23	11	6	6	0	0	0	0	0	7	0	14	-	-	-	-	-	-
DOWN																																
BALLYWALTER PARK ...	9 9	11	-	-	-	-	-	-	-	-	-	-	19	-	14	11	6	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMBER CEMETERY ...	9 9	11	12.4	2.8	7.6	-	16.5	4	-1.0	14.30	-	-	30	-	21	11	7	5	0	0	0	0	0	2	18	-	-	-	-	-	-	-
CREIGHTONS GREEN ...	9 9	119	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNPATRICK ...	9 9	26	13.0	3.5	8.3	-	17.0	4	-0.8	30	-	-	26	-	16	11	5	5	0	0	0	0	0	2	1	9	-	-	-	-	-	-
HELENS BAY ...	9 9	43	12.2	4.5	8.3	-	15.7	15	1.6	14	-	-	33	-	20	6	7	6	0	0	0	0	0	0	0	19	-	-	-	-	-	-
HILLSBOROUGH ...	9 9	116	12.3	2.8	7.5	0.0	16.3	4	-0.8	3	8.1	7.4	29	-	15	11	4	2	0	0	0	0	0	2	1	24	-	-	-	-	-	-
KILKEEL ...	21-9	18	11.4	4.8	8.1	-	16.3	4.8	1.7	15	-	-	14	-	9	30	2	2	0	0	0	0	0	0	5	1	-	-	-	-	-	-
KILLBOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH ...	9 9	9	12.3	-	-	-	17.0	4	-	-	7.6	7.7	33	-	16	11	7	4	0	0	0	0	0	0	0	0	-	-	-	-	-	-
NEWRY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMAGH																																
ARMAGH ...	9 9	62	13.8	3.0	8.4	+0.1	18.6	4	-1.4	3	10.0	9.2	38	61	19	30	4	4	0	0	0	0	0	5	2	14	-	-	-	-	-	-
LOUGHALL ...	9 9	25	13.3	2.0	7.7	-	18.5	4	-1.6	22	-	-	31	-	17	30	5	2	0	0	0	0	0	4	5	25	-	-	-	-	-	-
LURGAN ...	9 9	55	13.3	3.1	8.2	-	17.8	4	-1.6	3	9.1	8.3	29	-	20	30	4	3	0	0	0	0	0	5	19	-	-	-	-	-	-	-
PORTADOWN ...	9 9	16	13.6	2.9	8.3	-	18.5	4	-1.5	14	9.7	8.8	33	-	19	30	4	3	0	0	0	0	0	4	15	-	-	-	-	-	-	-
TANDRAGEE ...	9 9	43	14.7	2.4	8.5	-	19.5	10	-2.7	30	-	-	30	-	19	30	4	4	-	-	-	-	-	-	6	-	-	-	-	-	-	-
TYRONE																																
BARONSCOURT FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS ...	21-9	113	14.2	3.1	8.7	-	19.1	4	-1.6	27	-	-	26	-	16	30	4	2	0	0	0	0	0	3	4	17	-	-	-	-	-	-
COOKSTOWN ...	9 9	77	12.8	1.4	7.1	-	17.1	8	-2.0	3.22	8.5	-	36	-	19	11	5	3	0	0	0	0	0	1	10	22	-	-	-	-	-	-
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN ...	9 9	169	13.3	2.2	7.7	-	18.3	4	-1.9	22	-	-	32	-	16	11	4	2	0	0	0	0	0	1	5	20	-	-	-	-	-	-
POMEROY FOREST ...	9 9	165	11.9	3.6	7.7	-	16.5	4	0.9	14	8.9	-	27	-	16	11	5	2	0	0	0	0	0	0	1	0	16	-	-	-	-	-
STRABANE CONVENT ...	9 9	44	14.4	3.3	8.9	-	20.0	8	-0.5	22	-	-	24	-	12	30	4	2	0	0	0	0	0	1	1	15	-	-	-	-	-	-
FERMANAGH																																
CASTLE ARCHDALE ...	9 9	66	14.0	2.2	8.1	+0.4	19.0	4	-3.0	27	9.5	8.9	26	-	12	30	4	3	0	0	0	0	0	4	23	-	-	-				







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

APRIL 1974

STATION	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 OBSERVED	SPEED (KT)																											
															10 OR MORE											22-33	11-21	1-10	0													
																														NUMBER OF OBSERVATIONS												



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 - 350M	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 OBSERVED											3+ OR MORE	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
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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 - 500M	400 - 900M	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 OBSERVED	34 OR MORE	6-7	4-5	1-3									CALM					
																																						SPEED (KT)				
																																						0	1-10	11-21	22-33	34 OR MORE
NUMBER OF OBSERVATIONS																																										
5 ENGLAND SE & CENT. S. WILTSHIRE																																										
BOSCOMBE DOWN	128	3	1018.7	-	5.2	1.0	7.5	83	4.3	7	4	6	5	8	0	0	0	0	0	1	5	10	11	3	0	0	0	7	20	3	8	11	5	1	0	1	0	1	0			
	9	1018.9	+2.5	7.7	1.7	8.0	76	5.3	2	6	4	9	9	0	0	0	0	0	0	0	1	1	2	7	1	0	0	16	14	0	7	13	7	1	1	0	1	0				
	15	1017.5	-	12.4	4.3	7.5	53	5.0	1	4	11	9	5	0	0	0	0	0	0	0	0	2	6	14	7	1	0	1	17	11	1	7	10	8	0	2	2	0	0			
	21	1018.5	-	8.3	2.3	7.6	69	4.1	9	1	7	9	4	0	0	0	0	0	0	0	2	10	15	2	1	0	0	9	16	5	5	11	7	1	1	0	0	0				
LYNEHAM	149	3	1019.2	-	4.7	0.8	7.5	87	5.5	4	2	6	14	0	0	0	0	1	3	1	13	8	4	0	0	0	9	21	0	6	19	2	1	1	1	0	0	0				
	9	1019.5	+3.3	6.5	1.1	8.1	84	6.0	2	3	3	10	10	2	0	2	0	1	2	10	3	7	5	0	0	0	1	14	14	1	7	19	0	0	2	1	0	0				
	15	1017.9	-	11.5	3.1	8.7	64	4.9	1	7	8	7	7	0	0	0	0	0	0	2	8	9	8	3	0	0	1	16	13	0	6	17	3	0	1	3	0	0				
	21	1018.9	-	7.6	1.7	8.0	75	4.0	8	3	4	9	6	0	0	0	0	0	4	9	10	6	1	0	0	0	13	17	0	4	17	4	2	1	1	1	0					
UPAYON	183	9	1019.0	-	6.9	1.2	8.3	83	5.7	2	3	5	11	8	1	0	0	1	2	3	4	10	5	5	0	0	0	16	14	0	4	17	7	0	1	1	0	0				
	15	1017.5	-	12.1	3.4	8.7	62	5.4	2	3	9	11	5	0	0	0	0	0	0	3	4	13	8	2	0	0	0	15	15	0	5	12	9	0	2	2	0	0				
	21	1018.5	-	7.6	1.7	8.0	76	3.3	8	7	6	6	3	0	0	0	0	0	0	2	10	10	8	0	0	0	6	20	4	4	15	5	0	2	0	0	0					
DUNGENESS	7	3	1017.7	-	-	-	-	3.8	8	6	5	3	7	1	1	0	0	0	0	1	7	6	14	1	0	0	1	19	8	2	8	10	6	0	1	0	1	2				
	9	1017.9	-	9.4	1.8	9.0	76	5.0	3	6	3	10	7	1	0	1	0	1	1	1	11	5	10	0	0	0	3	18	9	0	5	15	8	0	0	1	0					
	15	1017.1	-	-	-	-	-	4.7	5	2	9	8	5	1	0	0	0	1	2	0	9	8	10	0	0	0	4	18	8	0	2	10	13	0	3	1	1	0				
	21	1017.6	-	-	-	-	-	3.3	12	3	5	4	5	1	0	1	0	0	0	0	8	5	11	5	0	0	0	3	19	8	0	3	13	9	1	1	0	2	1			
MANSTON	45	3	1018.2	-	6.9	0.9	8.6	87	4.6	6	2	8	7	6	1	0	1	0	0	3	4	7	3	10	2	0	0	16	12	2	9	12	4	1	1	0	1	0				
	9	1018.7	-	8.9	1.5	9.2	80	5.0	3	4	6	12	5	0	0	0	2	0	4	10	5	8	1	0	0	0	18	11	1	12	6	8	1	0	0	1	1					
	15	1017.9	-	10.5	2.4	9.0	70	4.0	6	5	7	6	6	0	0	0	0	0	1	3	8	8	6	4	0	0	0	18	12	0	6	19	2	1	1	0	0	1				
	21	1018.3	-	7.7	1.3	8.7	82	3.7	6	9	5	4	5	1	0	1	0	0	0	1	1	8	6	10	3	0	0	19	10	1	5	16	4	1	2	0	1	0				
WEST SUSSEX																																										
OATWICK	60	3	1018.6	-	4.8	0.7	7.7	89	4.6	5	7	1	8	8	1	0	1	1	1	3	6	8	7	3	0	0	0	2	23	5	8	12	4	0	0	0	0	1				
	9	1018.9	+2.7	8.4	1.7	8.6	77	5.6	0	7	4	8	11	0	0	0	0	1	3	4	11	9	2	0	0	0	0	7	23	0	9	14	4	0	2	1	0	0				
	15	1017.5	-	12.6	3.9	8.2	57	4.4	6	3	7	11	3	0	0	0	0	0	0	0	11	12	7	0	0	0	1	14	15	0	8	11	3	1	3	2	1	1				
	21	1018.5	-	7.7	1.7	8.1	77	3.6	7	6	6	6	5	0	0	0	0	0	0	2	15	9	4	0	0	0	0	7	21	2	7	15	2	0	2	1	1	0				
THORNEY ISLAND	5	3	1017.9	-	6.2	1.1	7.9	83	4.3	8	4	5	2	10	1	0	0	0	1	2	7	13	7	0	0	0	0	7	23	0	14	13	1	0	0	0	1	1				
	9	1018.3	+2.0	9.3	1.9	8.8	75	4.7	2	8	5	8	7	0	0	0	0	1	2	10	6	10	0	0	0	0	14	16	0	8	16	2	1	1	1	1	0					
	15	1017.1	-	13.0	3.8	8.7	58	4.7	0	7	10	11	2	0	0	0	0	0	1	5	10	13	1	0	0	0	14	16	0	6	10	3	1	8	1	0	1					
	21	1017.9	-	8.3	1.7	8.4	76	3.9	5	9	5	4	7	0	0	0	0	0	0	1	1	10	10	8	0	0	0	8	22	0	10	13	5	0	0	1	1	0				
EAST SUSSEX																																										
EASTBOURNE C.O.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
7A ENGLAND NW & I.O.M. CUMBRIA																																										
CARLISLE	28	3	1022.4	-	3.4	0.5	7.1	91	4.3	5	5	8	5	7	0	0	0	1	0	0	5	13	10	1	0	0	0	3	17	10	2	12	6	0	0	0	0	0				
	9	1022.5	+7.9	7.1	1.5	7.9	79	4.8	4	7	1	13	5	0	0	0	0	1	1	4	10	11	3	0	0	0	14	11	5	2	9	13	0	1	0	0	0					
	15	1021.0	-	12.3	3.7	8.3	59	4.3	3	10	2	9	6	0	0	0	0	0	0	0	7	10	10	3	0	0	1	12	15	2	3	8	4	0	0	4	1	0				
	21	1021.8	-	6.4	1.2	7.9	81	2.9	5	13	4	6	2	0	0	0	0	0	0	1	2	12	11	4	0	0	0	11	14	5	2	11	11	0	0	1	0	0				
LANCASHIRE																																										
SQUIRES CLATE	11	3	1021.3	-	4.2	0.8	7.2	86	4.3	5	6	7	6	5	1	1	0	0	0	1	5	13	3	7	0	0	0	3	27	0	4	6	18	2	0	0	0	0				
	9	1021.6	+6.6	8.7	2.0	8.2	73	4.8	3	8	2	11	6	0	0	0	0	0	0	1	15	4	10	0	0	0	9	21	0	4	3	18	0	0	2	2	1					
	15	1020.3	-	11.9	3.2	8.8	63	4.4	5	6	6	10	4	0	0	0	0	0	0	0	14	7	8	1	0	0	17	13	0	1	2	13	0	1	0	6	7					
	21	1020.9	-	7.2	1.5	8.1	79	3.3	7	7	6	8	2	0	0	0	0	0	0	5	15	7	3	0	0	0	4	25	1	3	5	16	0	0	1	1	3					
MERSEYSIDE																																										
SPEKE	24	3	1020.8	-	5.2	0.9	7.6	85	4.3	4	8	4	9	5	0	0	0	0	1	3	5	12	7	2	0	0	0	3	25	2	2	15	8	2	1	0	0	0				
	9	1021.1	+5.8	8.3	1.7	8.4	76	4.6	5	6	2	12	5	0	0	0	0	0	2	11	10	5	2	0	0	0	7	23	0	2	5	16	2	3	0	1	1					
	15	1019.6	-	12.9	3.7	8.8	59	4.6	5	4	6	11	4	0	0	0	0	0	0	6	14	6	4	0	0	0	14	16	0	1	4	11	6	1	2	3	2					
	21	1020.3	-	8.0	1.7	8.3	77	3.5	9	6	2	12	1	0	0	0	0	0	0	5	16	9	0	0	0	0	7	22	1	7	11	9	0	0	0	2	0					
GREATER MANCHESTER																																										
RINGWAY	84	3	1021.1	-	5.6	1.4	7.1	78	4.4	4	7	7	4	8	0	0	0	0	0	4	17	4	5	0	0	0	1	23	8	3	13	7	0	0	0	0	1					
	9	1021.3	+8.1	8.3	2.4	7.5	68	4.6	2	7	5	7	9	0	0	0	0	1	0	6	15	4	4	0	0	0	7	21	2	5	10	8	1	1	3	0	0					
	15	1019.8	-	12.4	4.1	7.7	54	4.6	4	4	9	9	4	0	0	0	0	0	0	3	16	7	4	0	0	0	14	15	1	4	11	9	1	0	1	0	3					
	21	1020.7	-	8.2	2.2	7.8	70	4.3	5	5	7	7	6	0	0	0	0	0	0	4	19	5	2	0	0	0	7	22	1	3	11	12	1	0	0	0	2					
ISLE OF MAN																																										
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-																													







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

APRIL 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		0-0 OR LESS	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	15-1 TO 20-0	20-1 TO 25-0	25-1 TO 30-0	ABOVE 30-0	-15-0 OR LESS	-14-9 TO -10-0
LERWICK (PSYCHROMETER)	0	1	22	7	0	0	0	0	0	0	0	0	0	10	13	7	0	0	0	0	0
LERWICK (SCREEN)	0	1	21	8	0	0	0	0	0	0	0	0	0	2	17	11	0	0	0	0	0
STORNOWAY	0	0	6	24	0	0	0	0	0	0	0	0	0	3	15	12	0	0	0	0	0
CRAIBSTONE	0	0	15	12	3	0	0	0	0	0	0	0	0	3	20	7	0	0	0	0	0
ROTHESAY	0	0	3	19	8	0	0	0	0	0	0	0	0	1	15	12	2	0	0	0	0
ABBOTSINCH	0	0	2	17	11	0	0	0	0	0	0	0	0	5	16	9	0	0	0	0	0
ESKDALEMUIR (PSYCHROMETER)	0	2	9	13	6	0	0	0	0	1	13	16	0	0	5	20	5	0	0	0	0
ESKDALEMUIR (SCREEN)	0	2	7	14	7	0	0	0	0	1	13	16	0	0	2	19	8	1	0	0	0
DOUGLAS	0	0	11	14	5	0	0	0	0	0	12	17	1	0	3	20	7	0	0	0	0
ACKLINGTON	0	0	23	7	0	0	0	0	0	0	6	23	1	0	0	0	0	0	0	0	0
GORLESTON	0	0	27	3	0	0	0	0	0	0	12	18	0	0	0	0	0	0	0	0	0
CAMBRIDGE BOTANIC GARDENS	0	0	4	16	10	0	0	0	0	0	2	24	4	0	0	0	0	0	0	0	0
EDGBASTON	0	0	10	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kew (PSYCHROMETER)	0	0	2	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kew (NORTH-WALL SCREEN)	0	0	3	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HASTINGS	0	0	3	20	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHAMPTON	0	0	1	15	12	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STONTHURST	0	0	5	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHYL	0	0	5	20	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
VALLEY	0	0	2	19	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHOOSE	0	0	3	20	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALMOUTH	0	0	3	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALDERGROVE	0	0	4	17	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARMAGH	0	0	4	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

APRIL 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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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 50 FT	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 HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER 







# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MAY

VOLUME 91

1974

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

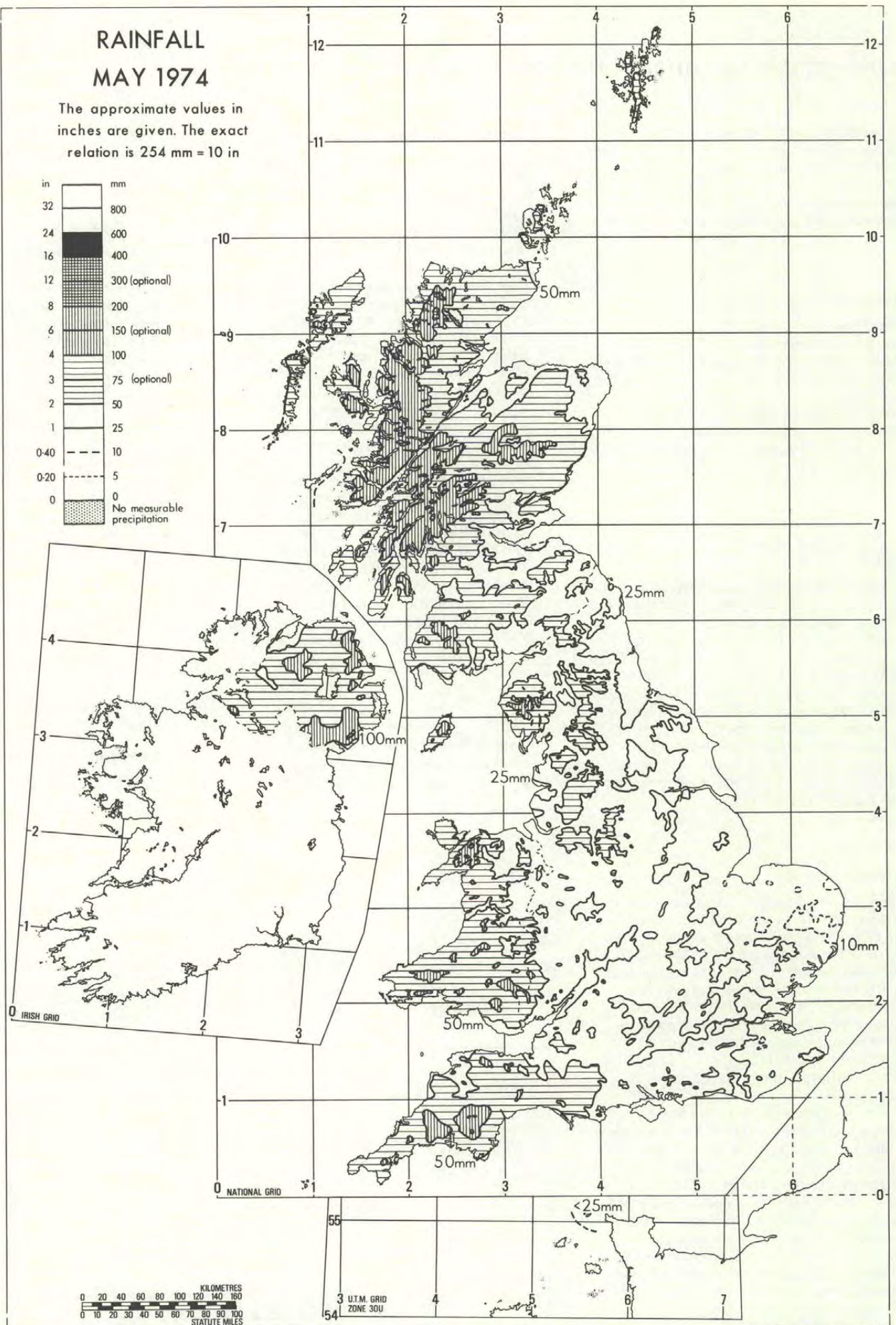
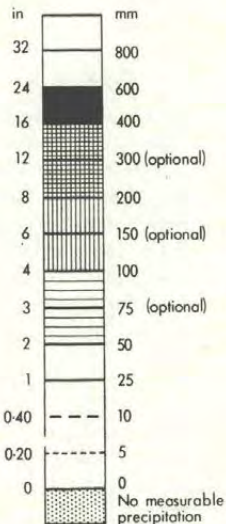
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	21.0	0.5	+0.3	+0.7	+0.5	+0.1	+1	99	89
1 Scotland E	24.6	-0.4	+0.4	+0.6	+0.5	+0.4	+1	73	97
2 England E & NE	22.8	-2.8	+0.4	-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.

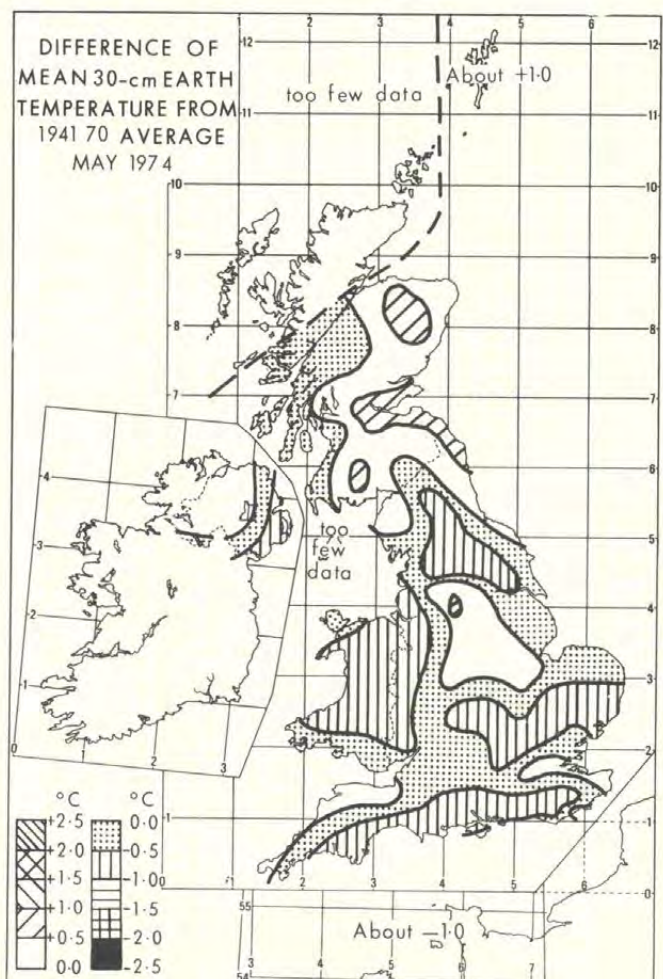
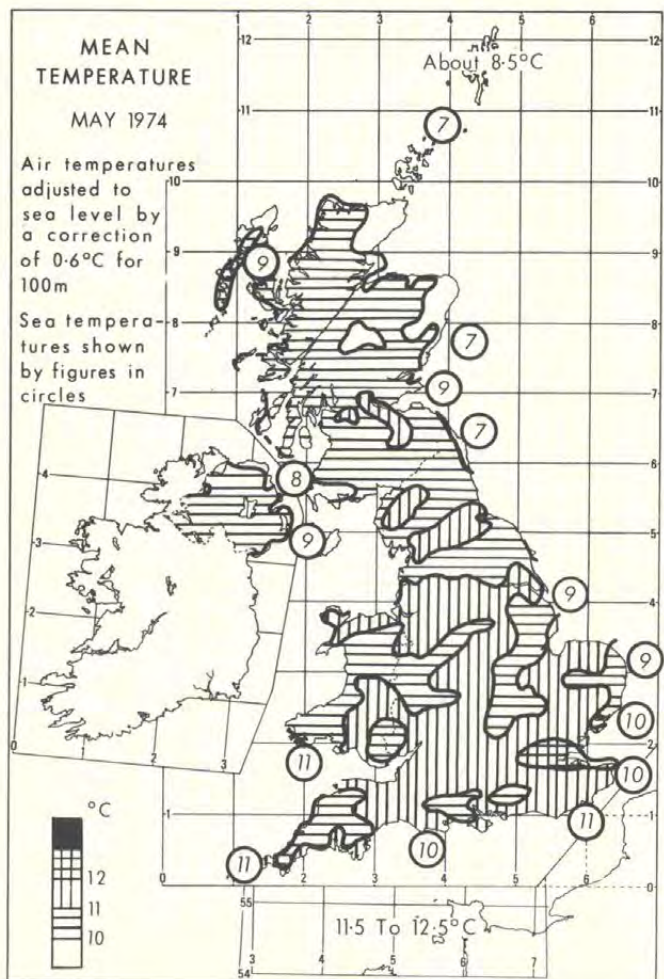
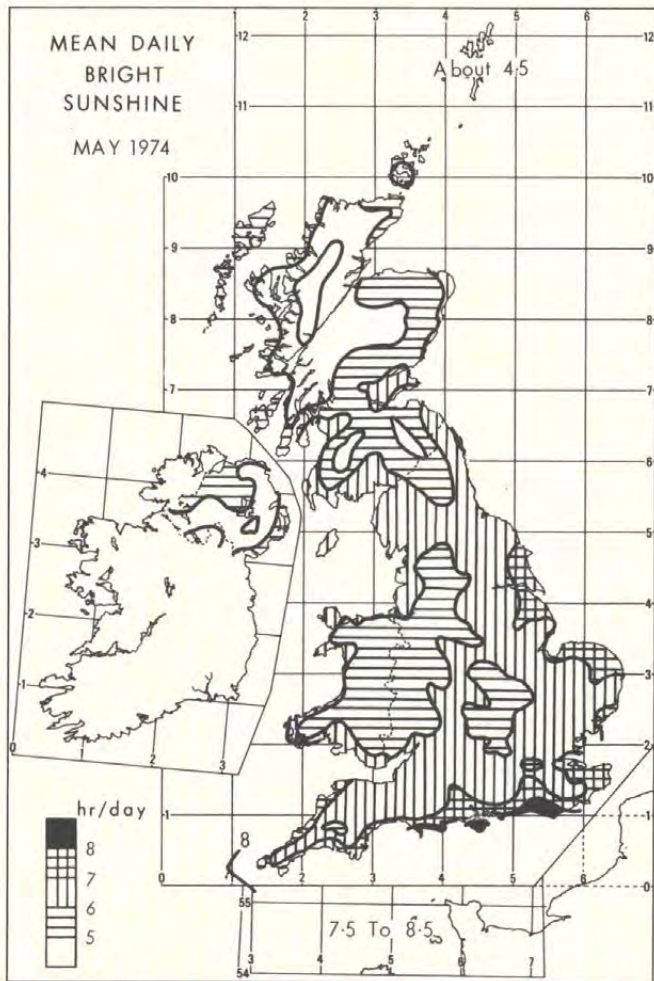
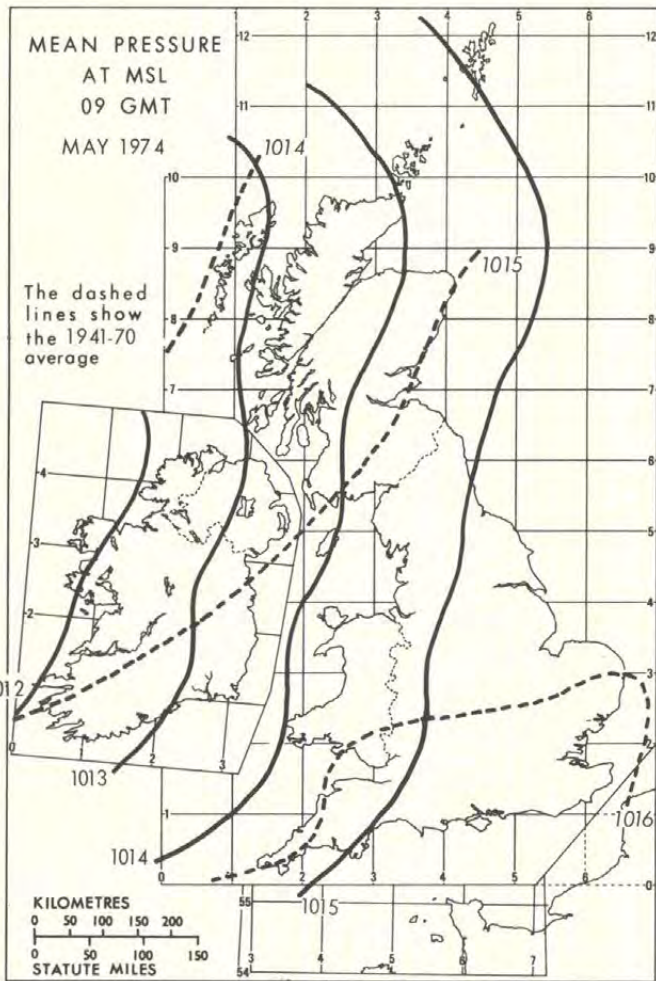


# RAINFALL MAY 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1974

DISTRICT COUNTY AND PLACE		MAX. TERMINAL HIGHT) 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 FROZEN C	CONCRETE FROZEN C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE					
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																			
0 SCOTLAND N																																				
ZETLAND																																				
BALTA SOUND ... ..		9 9	24	11.3	5.7	8.5	+0.6	14.6	17	1.3	6	8.1	-	48	77	14	27	13	10	1	0	0	0	0	0	0	0	0	0	0	4.54	90	-			
LEWICK ... ..		21 9	82																																	
PSYCHROMETER ... ..				10.2	6.1	8.1		13.6	23	1.6	6			55	-	20	28	13	8	0	0	0	1	0	0	0	0	0	0	0	4.28	84	-			
SCREEN ... ..				10.4	6.0	8.2	+0.6	13.6	23	1.5	6																									
ORKNEY																																				
KIRKALL AIRPORT ... ..		21-9	26	11.8	6.4	9.1	+0.6	15.2	15	1.5	6			37	-	11	27	18	7	1	0	0	1	0	0	0	0	0	1	1	0	4.85	92	-		
STENNIS ... ..		9 9	23																																	
SULE SKERRY ... ..		21-9	13																																	
CATNESS																																				
DOUNREAY ... ..		9 9	21	13.0	5.7	9.3	-	18.5	15	-1.5	6			66	-	17	28	19	15	0	0	0	0	0	0	0	0	0	0	0	0	5.99	-	-		
KEISS ... ..		9 9	30	11.6	6.5	9.1	-	15.2	20	2.2	6	9.7	8.4	45	-	10	27	16	10	0	0	0	2	0	0	0	0	0	0	0	0	5.12	-	-		
WICK ... ..		21-9	36	11.7	6.6	9.1	+0.8	15.8	26	1.4	6			51	109	12	27	18	9	0	0	0	1	0	0	0	0	0	0	0	5.19	99	-			
SUTHERLAND																																				
CAPE WRATH ... ..		21-9	112	11.5	7.3	9.4	+1.1	18.4	16	3.9	28			61	100	20	27	17	12	1	0	0	1	0	0	0	0	0	0	0	5.25	-	-			
LAIRG ... ..				13.8	4.9	9.3	-	19.6	16	-2.0	2	8.9	7.6	58	-	15	27	20	14	2	0	0	4	0	0	0	0	0	0	0	4.47	-	-			
STRATHY ... ..		9 9	37	13.4	5.8	9.6	+0.7	19.9	15	-2.0	6			74	-	16	27	17	13	1	0	0	0	0	0	0	0	0	0	0	4.77	95	-			
ROSS & CROMARTY																																				
ACHINASHELLACH ... ..		9 9	67	14.5	6.2	10.3	+0.6	21.9	16	-0.6	6			127	112	29	27	18	15	0	0	0	2	0	0	0	0	0	0	0	-	-	-			
BALMACRARA ... ..		9 9	4	14.2	7.3	10.7	-	21.4	16	2.1	1			83	-	17	17	15	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-			
CONTINI CRAIG DARROCH) ... ..		9 9	38	14.9	5.3	10.1	-	21.6	16	-0.9	6			39	-	7	23	13	12	0	0	0	1	0	0	0	0	0	0	2	7	-	0			
FORTROSE ... ..		9 9	5	13.0	7.2	10.1	+0.6	18.0	16	4.0	3.6-29			25	47	6	23	12	7	0	0	0	0	0	0	0	0	0	0	0	4.79	92	-			
INVERPOLLY ... ..		9 9	14	14.0	6.9	10.5	-	21.9	16	1.0	2	9.5		100	-	36	27	18	13	0	0	1	0	0	0	0	0	0	0	7	-	1	5.01			
KINLOCHENE ... ..		9 9	23	14.7	5.7	10.2	-	21.5	16	-1.9	30	9.3		108	-	22	21	13	13	0	0	0	2	0	0	0	0	0	0	1	2	11	-	0		
POOLEWE ... ..		9 9	6	14.6	7.2	10.9	-	22.3	16	1.5	1-2			93	-	28	27	20	12	0	0	2	0	0	0	0	0	0	0	0	5	-	0	5.24		
RUBH RE ... ..		21-9	16	12.4	7.6	10.0	-	20.5	16	3.7	6			74	-	17	27	20	12	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-		
STORNOWAY ... ..		21-9	3	12.4	7.0	9.7	+0.6	18.4	16	2.5	30			60	-	21	27	18	14	0	0	0	3	0	0	0	0	0	0	1	0	0	5.11	85	-	
STRATHCONON ... ..		9 9	107	14.0	5.0	9.5	-	20.2	16	-0.8	6			79	-	16	23	21	15	0	0	0	2	0	0	0	0	0	0	0	0	0	-	-		
TARBATNESS ... ..		21-9	18	13.0	7.4	10.2	+0.9	16.5	15	2.1	6			48	-	11	18	16	8	0	0	0	0	0	0	0	0	0	0	0	-	2	-	-		
INVERNESS																																				
BENBECULA ... ..		21-9	6	12.9	7.3	10.1	+0.4	16.1	16	2.8	1			51	-	9	27	19	13	0	0	0	1	0	0	0	0	0	0	4	1	0	5.78	85	-	
CORPACH ... ..		9 9	8	14.6	6.9	10.7	-	20.6	15	1.5	1			70	-	14	21	22	13	0	0	0	0	0	0	0	0	0	0	0	2	-	0	-		
DALWHINNIE ... ..		9 9	351	12.2	3.2	7.7	-	18.6	26	-5.6	6			89	-	18	10	19	15	0	0	0	0	0	0	0	0	0	0	0	7	-	0	-		
GLENMORE LODGE ... ..		9 9	341	12.6	3.8	8.2	-	17.8	15	-4.1	4			76	-	17	12	20	15	0	0	0	0	0	0	0	0	0	0	4	12	5	0	4.69		
INVERNESS ... ..		9 9	4	14.5	7.2	10.9	-	21.5	16	2.8	6			24	-	6	18	12	8	0	0	0	0	0	0	0	0	0	0	1	0	4	0	4.89		
ISLE OF RHUM ... ..		9 9	5	13.6	6.8	10.2	-	18.4	16	1.0	1	11.4	9.8	139	-	25	17	22	18	0	0	0	1	0	0	0	0	0	0	0	9	-	4	-		
LAGGANILIA ... ..		9 9	250	13.5	3.3	8.4	-	18.5	26	-7.0	6			53	-	9	23	19	11	0	0	0	1	0	0	0	0	0	0	1	9	13	-	2	-	
ONICH ... ..		9 9	15	14.1	6.2	10.1	-0.2	21.0	16	0.5	1			91	-	85	17	20	18	-	0	-	-	-	-	-	-	-	1	0	9	-	-	4.22	78	5
PRABOST ... ..		9 9	67	13.4	6.5	9.9	-	19.7	16	2.4	29			77	-	17	27	18	14	0	0	0	2	0	0	0	0	0	0	0	9	-	0	4.65	-	-
1 SCOTLAND E																																				
NAIRN																																				
NAIRN ... ..		9 9	6	14.5	4.8	9.7	+0.2	21.1	15	-2.2	6			35	-	7	18	18	8	0	0	0	0	0	0	0	0	0	0	3	11	-	0	5.24	98	-
MORAY																																				
ELGIN ... ..		9 9	15	13.6	5.8	9.7	-	18.0	17	-0.9	6			37	-	8	18	15	11	-	0	-	-	-	-	-	-	-	0	2	2	-	-	5.71	-	-
FORRES ... ..		9 9	50	14.3	6.4	10.3	+0.6	21.0	15	-0.4	4.6	11.0	10.0	38	-	8	27	19	11	0	0	0	0	0	0	0	0	0	0	2	9	-	0	5.43	100	-
GORDON CASTLE ... ..		9 9	32	14.3	6.3	10.3	+0.6	20.1	15	0.4	6			45	-	87	17	17	7	0	0	0	0	0	0	0	0	0	0	0	-	0	5.89	109	-	
GRANTOWN-ON-SPY ... ..		9 9	229	13.8	3.8	8.8	-	19.4	15	-4.3	6			32	-	6	27	18	9	1	0	0	0	0	0	0	0	0	0	1	5	16	-	0	5.40	
KINLOSS ... ..		21-9	5	14.3	5.9	10.1	+0.4	20.5	15	-0.4	4	9.5		32	-	8	27	17	9	0	0	0	1	0	0	0	0	0	0	1	8	3	0	5.40	-	-
LOSSIEMOUTH ... ..		9 9	6																																	
BANFF																																				
BANFF ... ..		9 9	24	13.1	6.9	10.0	-	18.0	15	2.0	7			49	-	14	21	15	10	-	0	-	-	-	-	-	-	-	0	0	-	-	5.77	-	-	
GLENLIVET ... ..		21-9	215	13.6	4.4	9.0	-	18.7	15	-3.1	6			50	-	9	22	18	12	0	0	4	0	0	0	0	0	0	0	4	10	6	0	5.11	-	5



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MAY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL H(ONT) 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 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 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	DEW POINT IN DEGS C	RELATIVE HUMIDITY IN PERCENT	DATE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE															0-2 MM OR MORE	1-0 MM OR MORE	
1 SCOTLAND E -CONTINUED																																	
ABERDEEN																																	
ABERDEEN																																	
DYCE AIRPORT ...	21-9	58	13.1	5.7	9.4	+0.5	18.4	20	-2.1	7	-	-	45	7	9	14	10	0	0	0	0	0	0	0	1	10	3	0	5.69	103	-		
MANNOFIELD ...	9 9	52	12.5	6.3	9.4	+0.4	18.6	26	-0.6	7	-	-	39	8	22	13	8	0	0	0	0	0	0	0	0	0	0	0	6.11	109	-		
BALMORAL ...	9 9	283	12.6	3.7	8.1	0.0	18.7	26	-1.6	30	-	-	64	95	12	9	20	15	0	0	0	0	0	0	3	14	2	0	-	-	-		
BRAEMAR ...	9 9	339	12.6	3.9	8.3	+0.1	19.0	26	-1.3	4	-	-	51	73	11	12	18	12	0	0	0	0	0	2	4	4	0	4.77	93	-			
CRAIBSTONE ...	9 9	91	12.6	5.7	9.1	+0.4	17.4	20.26	0.5	7	9.2	8.2	37	53	7	21	14	10	0	0	0	0	0	2	0	4	0	6.05	107	-			
DINNET ...	9 9	177	13.6	4.3	8.9		19.1	26	-1.7	4	9.3		52		10	9	17	10										5.11	-	S			
FRASERBURGH ...	21-9	18																															
FYVIE CASTLE ...	9 9	66	13.3	5.4	9.3		17.5	20	-2.0	7	-	-	57	87	13	21	18	13	0	0	0	0	1	1	6	5	0	-	-	-	-		
GARTLY ...	9 9	146	13.2	5.0	9.1		17.0	15	-2.1	6	-	-	58		13	22	14	14										-	-	-	-		
INVERURIE SEWAGE WORKS ...	9 9	54																															
KINCARDINE																																	
BANCHORY ...	8 8	77	13.6	5.5	9.5		20.7	26	-1.6	7	-	-	66		14	9	16	11	0	0	0	3	1	0	1	7	1	0	5.24	-	-	-	
FETTERCAIRN ...	9 9	171																															
STONEHAVEN ...	9 9	4	13.1				120.21	26					47		14	27	9	8	0	0	0	0	2	0			0	5.73	106	-	-		
ANGUS																																	
ARBROATH ...	9 9	28	12.7	6.6	9.7		22.5	26	1.8	7	-	-	42		17	1	15	7	0	0	0	0	0	0	0	0	0	0	5.37	87	-	-	
BUDDON NESS ...	9 9	5																															
DUNDEE ...	9 9	45	14.2	6.4	10.3	+0.2	24.6	26	2.7	4	11.5		47	73	9	13	10	0	0	0	0	0	1	0	0	8	0	0	6.05	111	-	-	
MONROSE ...	9 9	57	12.9	5.8	9.3		20.5	26	0.3	7			53	84	15	27	14	9	0	0	0	0	0	0	0	6	0	0	-	-	-		
MYLNEFIELD ...	9 9	30	13.7	6.0	9.9		22.3	26	1.0	4	10.3	8.7	52		11	9	13	12	0	0	0	0	2	0	10	0	0	6.06	-	-	-		
USAN ...	21-9	30	12.6	6.2	9.4		22.4	26	1.5	7	-	-	39		11	1	11	6	0	0	0	0	1	0	0	1	0	0	6.55	-	-	-	
WHITEHILLOCKS ...	9 9	258	12.7	3.9	8.3		21.2	26	-2.0	6	-	-	103		36	9	16	11	0	0	0	0	0	0	4	7	0	-	-	-	S		
PERTH																																	
ABERFOYLE ...	9 9	27	15.1	4.0	9.7		20.5	15	-3.5	5	-	-	67		12	17	19	13	0	0	0	0	0	6	0	0	0	0	-	-	-	-	
ARDALNAG ...	9 9	130	14.5	5.8	10.1		20.9	26	-0.6	5	-	-	102		26	10	16	14	0	0	0	1	2	0	2	4	0	0	5.49	-	-	-	
ASHINTULLY CASTLE ...	9 9	341	12.7	3.9	8.3		20.0	26	-2.7	6	-	-	79		22	9	15	11	0	0	1	0	1	0	3	5	0	0	-	-	-	-	
BLAIRGOWRIE ...	9 9	70	14.3	5.7	10.0		22.8	26	-0.1	4	10.4		55		12	9	12	10	0	0	0	0	1	1	4	0	0	5.27	-	-	-		
CALLANDER ...	9 9	107	14.3	5.1	9.7		19.9	26	-1.7	5	-	-	78		11	23	16	12	0	0	0	0	0	0	2	7	0	0	-	-	-	-	
DALL ...	9 9	232	13.5	3.4	8.5		19.5	26	-4.2	5.6	-	-	77		25	10	17	10	0	0	0	0	1	0	9	10	0	0	-	-	-	-	
DRUMMOND CASTLE ...	9 9	113	14.2	4.8	9.5		21.5	26	-1.4	5	10.5		49		12	9	14	11	0	0	0	0	2	2	18	0	0	5.86	-	-	-	-	
DUNBLANE ...		80																															
FASKALLY ...	9 9	94	14.3	5.4	9.9		21.7	25	-1.9	5	10.2	8.9	58		12	9	15	12	0	0	0	1	1	0	3	8	0	0	-	-	-	-	
GLENERGLES ...	9 9	152	14.2	3.8	9.0		20.0	26	-4.2	5	-	-	59		19	9	16	10	0	0	0	1	1	1	2	8	0	0	6.12	-	-	-	
KINDROGAN ...	9 9	259	12.9	3.6	8.3		20.0	26	-3.7	6	-	-	78		19	9	15	10	0	0	1	0	1	0	3	11	0	0	-	-	-	-	
PERTH ...	9 9	23	14.7	6.1	10.4	0.0	22.7	26	-2.0	5			41	63	8	1	14	10	0	0	0	0	0	2	9	0	0	5.81	103	-	-		
PITLOCHRY ...	9 9	144	13.7	5.0	9.3		20.9	26	-1.6	6	-	-	63		15	9	15	13	0	0	0	0	2	0	1	7	0	0	5.04	-	-	-	
STRATHALLAN ...	9 9	41	14.9	5.9	10.4		21.9	26	-1.0	5	-	-	47		11	9	14	9	0	0	0	0	2	0	1	4	0	0	-	-	-	-	
KINROSS																																	
KINROSS ...	9 9	116	14.1	4.9	9.5		20.9	26	-1.4	5	10.6		42		11	9	17	10	0	0	0	0	2	7	0	0	0	6.25	-	-	-	-	
FIFE																																	
BELLISTON ...	9 9	82	13.4	6.1	9.7		20.7	26	2.3	5	10.7		38		11	1	12	9	0	0	0	0	2	0	0	5	0	0	-	-	-	-	
GLENROTHES (GLENWOOD) ...	9 9	117	13.6	5.3	9.5		21.6	26	0.6	1	-	-	51		10	10	19	11	0	0	0	0	0	0	11	0	0	5.87	-	-	-	-	
KIRKCALDY ...	9 9	32																															
LEUCHARS ...	21-9	10	14.0	5.7	9.9	+0.2	23.7	26	0.6	7	-	-	55	96	11	1	14	13	0	0	0	0	2	0	0	8	2	0	6.46	106	-	-	
PITREAVIE ...	21-9	40	14.7	6.4	10.5		21.5	15	0.3	5	-	-	36		6	10	13	9	1	0	2	0	2	0	0	3	1	0	-	-	-	-	
ST ANDREWS ...	9 9	18	14.0	6.5	10.3		23.3	26	2.0	7	11.3	9.6	47	80	8	9	14	11	0	0	0	0	2	0	0	0	0	0	6.31	-	-	-	-
WEST LOTHIAN																																	



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1974

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		DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1841-70 AVERAGE	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	0-2 MM OR MORE	2-5 MM OR MORE	5-10 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 DEG C	CONCRETE MIN BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
					MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
6 SCOTLAND W																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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MAY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	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 LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	DEW POINT DEG C	CONCRETE TEMP 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
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	-	-	0	1	13	-	-	6.09	113	5	
CLEVELAND																															
HARTBURN GRANGE	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	9	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	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	0	0	0	0	0	4	-	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	1	3	0	0	-	-	-	
CANWOOD	9 9	6	15.6	5.3	10.5	-	19.5	15	-0.5	7	10.9	10.0	30	-	6	18	12	10	0	0	0	0	0	1	9	0	0	6.17	-	-	
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HIGH MOWTHORPE	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	1	1	8	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	5	1	0	6.44	-	-	
MALHAM TARN	9 9	395	-	-	-	-	-	-	-	-	-	-	49	-	7	13	14	11	0	0	0	0	1	1	-	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	1	0	3	7	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	2	0	0	2	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	2	2	0	2	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	2	2	0	0	0	1	-	-	
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	3	9	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	1	0	0	3	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	2	0	13	-	0	-	-	-	
CLEETHORPES	9 9	7	(15.2)	(6.5)	(10.9)	(-0.1)	22.5	26	1.0	3	-	-	11	25	4	9	5	3	-	-	-	-	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	2	-	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	1	0	7.53	-	-	-	
LINCOLNSHIRE																															
BINDROOK	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	1	7	1	0	7.27	-	-	
CRANWELL	9 9	62	15.8	5.4	10.6	-0.5	20.2	26	-0.1	8	11.8	10.3	25	50	6	11	10	9	0	0	0	0	1	0	6	3	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	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	4	-	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	6	1	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	1	9	1	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	1	0	2	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	1	9	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	1	1	0	0	0	6.91	102	-	
MARHAM	21-9	23	16.6	5.7	11.1	-	23.6	18	-0.9	2	-	-	16	-	4	11	14	5	0	0	0	0	1	2	0	8	3	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	1	8	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	-	0	0	0	0	0	8	12	-	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	1	0	2	9	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	1	7	-	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	2	0	0	12	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	1	5	-	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	1	0	9	-	0	7.29	113	-	
MARCH	9 9	2	16.9	5.6	11.3	-	23.5	19	-0.5	8	-	-	20	40	5	23	9	8	-	0	0	0	0	1	0	9	-	0	-	-	
MEPAL	9 9	1	16.4	-	-	-	22.4	18	-	-	11.3	10.0	21	-	8	11	8	6	0	0	0	0	0	0	10	-	0	6.44	-	-	
MONKS WOOD	9 9	40	15.9	5.3	10.6	-	20.8	17	-2.0	8	11.4																				



DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HIGHT (FEET)	HEIGHT OF STATION ABOVE MSL (FEET)	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 24 H)	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 MINUS 0 DEGS C	CONCRETE MINUS 0 DEGS C	DRLE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
				MAX.	MIN.			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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4 MIDLAND COUNTIES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 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 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	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 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																						
5 ENGLAND SE & CENTRAL S.																																
GREATER LONDON																																
BROMLEY ...	9 9	65	16.9	7.3	12.1	-0.3	24.0	18	1.0	7	-	-	29	-	8	13	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENFIELD ...	9 9	17	16.9	7.5	12.2	-	23.9	18	2.4	7	12.1	10.3	18	-	5	23	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWICH ...	9 9	7	17.0	8.1	12.5	-	24.1	18	2.1	8	-	-	21	-	8	23	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSTEAD ...	9 9	137	16.5	4.5	10.5	-1.3	23.2	18	1.8	7	-	-	22	42	5	23	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPTON ...	9 9	12	16.2	7.6	11.9	-0.5	22.4	18	1.6	7	-	-	38	-	13	23	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEATHROW AIRPORT ...	21-9	25	17.0	7.5	12.3	-0.2	22.3	18	1.6	7	-	-	22	-	9	23	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENSINGTON PALACE ...	9 9	25	17.2	7.8	12.5	-0.4	24.5	18	2.8	7	12.9	11.2	19	37	5	23	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEM	21-9	6																														
PSYCHROMETER ...			16.5	6.3	11.4	-	22.4	18	-1.6	7	11.6	10.3	25	51	9	23	11	6	0	0	0	0	1	4	0	2	11	2	0	7.25	111	-
NORTH WALL SCREEN ...			16.8	7.7	12.3	-0.3	23.2	18	2.4	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON WEATHER CENTRE																																
ST JAMES PARK ...	9 9	4	17.1	8.5	12.8	-0.3	23.7	18	4.2	7.8	-	-	21	43	9	23	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHGATE ...	9 9	67	16.5	7.7	12.1	-0.1	23.4	18	2.3	6.8	11.4		23	48	9	23	8	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WADDON ...	9 9	59	16.3	7.0	11.7	-0.4	23.0	18	0.0	7	-	-	45	-	19	23	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEALSTONE ...																																
WILTSHIRE																																
BOSCOMBE DOWN ...	21-9	126	15.5	5.9	10.7	-0.6	20.9	27	0.0	8	-	-	34	60	11	9	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK ...	9 9	49	15.6	5.5	10.5	-	20.1	29	-2.0	7.8	-	-	24	-	4	10	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARKHILL ...	9 9	132	15.6	5.9	10.7	-0.4	20.4	18.19	-1.1	7	-	-	38	68	11	9	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM ...	21-9	145	14.9	6.2	10.5	-0.7	19.5	19	0.7	7	-	-	27	-	6	11	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTON ...	9 9	110	15.8	4.9	10.3	-0.8	20.9	27	-2.0	7	10.8		31	50	10	9	11	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPAVON ...	21-9	179	15.2	5.8	10.5	-	21.0	27	1.3	2	-	-	34	-	9	9	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																																
EASTHAMPTON ...	9 9	77	16.1	4.8	10.5	-	21.6	18	-3.8	7	11.1	10.2	25	-	7	10	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FINCHAMPTON ...	9 9	65																														
HURLEY ...	9 9	43	16.2	5.6	10.9	-	21.8	17	-1.5	8	11.4		21	-	4	1	11	8	0	0	0	0	1	2	0	2	11	0	5.82			
READING ...	9 9	66	16.1	6.4	11.3	-	20.7	18	-0.3	7	11.0	10.0	13	-	4	9	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD ...	9 9	61	(16.4)	(6.0)	(11.2)	(-0.6)	21.5	15.17	-0.2	8	-	-	17	35	4	23	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SURREY																																
MICKLEHAM ...	9 9	55	16.0	5.2	10.6	-0.7	21.6	18	-0.9	7	12.0	10.2	35	-	8	1	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WISLEY ...	9 9	35	16.8	6.1	11.5	-0.6	22.6	27	-1.0	7	12.0	11.1	29	-	7	23	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENT																																
DOVER ...	9 9	6	15.0	8.6	11.8	-0.1	19.1	16.19	3.2	7	12.9	11.5	27	-	9	23	8	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNGESS ...	9 9	3	14.6	8.0	11.3	-	18.7	19	0.3	7	-	-	29	-	10	23	9	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING ...	9 9	37	16.6	5.9	11.3	-0.2	24.1	18	-0.5	9	11.5	10.3	10	-	5	9	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMSTONE ...	9 9	5	16.2	5.2	10.7	-	22.3	20	-2.2	8	-	-	14	-	4	9	11	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FRIVERSHAM ...	9 9	48	16.3	6.4	11.3	-	22.9	18	0.5	7	11.8	10.7	24	-	10	23	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE ...	9 9	31	15.1	6.9	11.0	-	20.2	16.18	-0.4	2	-	-	23	51	9	23	8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM ...	9 9	4	(17.4)	(7.5)	(12.5)	-	24.4	27	1.2	8	-	-	17	-	7	23	8	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GOUDHURST ...	9 9	85	16.5	5.6	11.1	-0.2	23.9	18	-2.0	7			22	39	9	9	9	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HADLOW COLLEGE ...	9 9	30	16.5	5.3	10.9	-	23.2	18	-0.9	9	11.9	10.6	11	-	5	9	8	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY ...	9 9	31																														
MANSTON ...	21-9	44	15.7	7.5	11.6	-	21.7	20	1.4	2			17	-	6	22	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARGATE ...	9 9	16	14.9	9.2	12.1	+0.2	20.9	20	3.1	2	12.8	11.4	16	-	4	22	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THROWLEY ...	9 9	150	15.3	5.8	10.5	-	22.4	18	0.0	7	11.4	9.7	19	-	7	9	8	4	0	0	0											



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

MAY 1974

DISTRICT COUNTY AND PLACE	MAX. 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	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 DEG C	CONCRETE MIN. BELOW 0 DEG C	RAIL	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
	MAX. (A)	MIN. (B)				MAX.	DATE	MIN.	DATE																						
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE ...	21-9	26	15.4	6.3	10.9	-	21.0	15	1.0	1	-	-	35	18	14	9	0	0	0	0	0	0	0	0	0	0	0	0	6.45	-	-
CARTMEL ...	9-9	34	15.2	5.9	10.5	-	20.8	15	-1.2	7	-	-	37	22	14	12	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
GRIZEDALE ...	9-9	91	14.6	2.7	8.7	-	19.9	15	-6.9	12	9.7	-	61	9	16	14	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
HEVERSHAM ...	9-9	30	15.6	6.1	10.9	-	20.6	15	-0.8	7	-	-	42	22	15	11	0	0	0	0	0	0	0	0	0	0	0	0	-	-	-
MOOR HOUSE ...	9-9	556	10.8	2.2	6.5	-	16.3	26	-4.9	7	6.5	-	75	14	28	17	15	3	0	0	0	0	0	0	0	0	0	0	6.36	-	-
NEWTON RIGG ...	9-9	171	14.8	5.2	10.0	-0.1	19.8	26	-0.5	1.6	10.6	-	40	9	13	10	0	0	0	0	0	0	0	0	0	0	0	0	6.56	113	S
SELLAFIELD ...	9-9	13	14.3	7.2	10.7	-	19.6	16	-0.1	3	-	-	42	8	9	14	10	0	0	0	0	0	0	0	0	0	0	0	6.78	-	-
LANCASHIRE																															
BAILRIGG ...	9-9	53	14.5	6.8	10.7	-	20.0	15	0.6	7	-	-	76	36	1	15	13	0	0	0	0	0	0	0	0	0	0	0	6.40	-	-
HELMSHORE ...	9-9	260	13.4	5.8	9.6	-	18.5	15	1.1	7	10.0	-	67	16	23	14	13	0	0	0	0	0	0	0	0	0	0	0	5.94	-	S
KIRKHAM ...	9-9	24	15.1	6.4	10.7	-	20.7	15	0.4	7	-	-	33	6	1	13	11	0	0	0	0	0	0	0	0	0	0	0	6.28	-	-
MORECAMBE ...	9-9	7	15.7	8.2	11.9	+0.4	22.4	15	2.6	7	-	-	37	56	8	23	14	12	0	0	0	0	0	0	0	0	0	0	7.82	123	-
NELSON ...	9-9	165	14.1	-	-	-	19.1	15	-	-	10.1	8.7	62	17	1	14	10	0	0	0	0	0	0	0	0	0	0	0	5.53	101	-
PRESTON ...	9-9	33	15.2	7.1	11.1	-	20.8	15	1.8	6.8	-	-	45	66	19	1	12	8	0	0	0	0	0	0	0	0	0	0	-	-	-
SLABURN ...	9-9	192	13.7	5.6	9.7	-	18.7	15	-0.8	7	-	-	54	58	13	23	14	13	0	0	0	0	0	0	0	0	0	0	5.48	-	-
SQUIRES GATE AIRPORT	21-9	10	15.1	6.9	11.0	+0.1	21.8	15	-0.3	7	-	-	24	5	10	13	10	0	0	0	0	0	0	0	0	0	0	0	6.58	95	-
STONYHURST ...	9-9	115	14.8	6.2	10.5	-0.4	20.2	15	1.0	7	-	-	61	82	12	22	14	10	0	0	0	0	0	0	0	0	0	0	5.80	97	-
MERSEYSIDE																															
ALBURNTH ...	9-9	12	15.1	8.0	11.5	-	20.2	15	2.4	7	-	-	35	9	1	13	11	3	0	0	0	0	0	0	0	0	0	0	-	-	-
SOUTHPORT ...	9-9	5	15.1	7.1	11.1	0.0	21.0	15	0.9	7	11.3	9.4	18	4	10	11	8	0	0	0	0	0	0	0	0	0	0	0	6.54	96	-
SPEKE AIRPORT ...	21-9	22	15.6	7.1	11.3	-0.4	20.2	15	0.6	30	-	-	33	11	1	13	9	0	0	0	0	0	0	0	0	0	0	0	6.09	103	-
WEST KIRBY PARK ...	9-9	8	15.5	(7.7)	(11.6)	(0.0)	21.0	15	2.0	7.8	-	-	29	13	1	15	9	0	0	0	0	0	0	0	0	0	0	0	6.16	95	-
GREATER MANCHESTER																															
BOLTON ...	9-9	107	14.8	6.4	10.6	-	20.0	15	0.0	7	10.0	9.3	55	16	23	13	12	0	0	0	0	0	0	0	0	0	0	0	5.06	86	-
MANCHESTER																															
RINGWAY AIRPORT ...	21-9	75	15.1	7.5	11.3	0.0	20.3	15	1.9	7	-	-	58	25	1	12	8	0	0	0	0	0	0	0	0	0	0	0	5.99	101	-
WEATHER CENTRE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROCHDALE ...	9-9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CHESHIRE																															
KNUTSFORD ...	9-9	65	15.9	6.5	11.2	-	21.0	15	-0.2	7	11.3	10.3	48	19	1	10	8	0	0	0	0	0	0	0	0	0	0	0	-	-	-
MACCLESFIELD ...	9-9	152	14.9	6.9	10.9	-0.2	20.6	15	1.5	7	-	-	53	13	22	13	9	0	0	0	0	0	0	0	0	0	0	0	-	-	-
NESS GARDENS ...	9-9	55	15.3	6.7	11.0	-	20.5	16	2.5	8	11.7	-	39	9	1	13	11	0	0	0	0	0	0	0	0	0	0	0	5.35	-	-
WINNINGTON ...	9-9	20	16.1	7.7	11.9	-0.4	21.0	16	1.9	7	-	-	62	16	1	13	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-
ISLE OF MAN																															
DOUGLAS ...	9-9	87	12.5	7.5	10.0	-0.3	16.2	15	2.4	7	-	-	60	80	12	1	14	12	0	0	0	0	0	0	0	0	0	0	6.35	90	-
POINT OF AYRE ...	21-9	9	13.8	7.4	10.6	-0.2	18.2	20	1.4	7	-	-	52	87	10	23	14	12	0	0	0	0	0	0	0	0	0	0	6.56	92	-
RONALDSWAY AIRPORT	21-9	16	13.1	6.9	10.0	-0.3	16.5	15	0.3	7	-	-	43	7	9	15	11	0	0	0	0	0	0	0	0	0	0	0	6.35	91	-
7B WALES N																															
GWYNEDD																															
BALA ...	9-9	163	13.9	5.4	9.7	-	19.0	15	-3.1	7	10.8	10.0	33	8	9	16	9	0	0	0	0	0	0	0	0	0	0	0	5.77	-	-
BAROSEY ISLAND ...	21-9	16	12.5	8.5	10.5	-	16.8	30	5.0	7	-	-	59	15	10	16	14	0	0	0	0	0	0	0	0	0	0	0	-	-	-
BOTNNOC ...	9-9	34	14.0	7.3	10.7	-	19.1	15	2.1	7	12.3	11.0	74	20	10	16	13	0	0	0	0	0	0	0	0	0	0	0	6.57	-	-
PEN-Y-FFRIDD ...	9-9	84	14.5	7.2	10.9	-	21.2	15	1.3	7	-	-	49	12	1	16	10	0	0	0	0	0	0	0	0	0	0	0	5.57	-	-
TRANSFYNYDD ...	9-9	193	(13.7)	(5.3)	(9.5)	-	20.8	15	-1.0	3	-	-	67	19	10	13	11	0	0	0	0	0	0	0	0	0	0	0	-	-	-
VALLEY ...	21-9	10	13.9	8.1	11.0	0.0	20.1	15	2.2	7	-	-	64	27	1	16	12	0	0	0	0	0	0	0	0	0	0	0	6.42	90	-
CLWYD																															
ALWEN ...	9-9	335	12.4	3.7	8.1	-	18.2	17	-4.0	8	-	-	46	533																	



[illegible]



[illegible]



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1974

HEIGHT OF BAROMETER ABOVE NSL (METRES)		HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT							VISIBILITY							WIND SPEED AND DIRECTION																							
			AT NSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	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 OBSCURED	SPEED (KT)																														
																34 OR MORE											22-33	11-21	1-10	0	N	NE	E	SE	S	SW									W	NW
NUMBER OF OBSERVATIONS																																														
0 SCOTLAND N SHETLAND																																														
LERWICK		85	3	1015.1	-	6.7	0.8	8.8	89	6.5	0	3	4	9	15	0	0	0	0	1	1	4	4	10	6	5	0	0	18	12	1	3	4	2	8	6	2	3	2	1	3	2				
			9	1015.1	-0.6	8.6	1.5	9.1	81	6.6	1	1	4	12	12	1	0	0	1	1	1	1	9	4	8	6	0	0	22	8	0	3	5	6	1	9	7	1	3	1	3					
			15	1015.3	-	-	-	-	-	6.3	0	2	5	15	9	0	0	0	0	0	1	1	7	7	8	6	0	0	2	17	11	1	2	3	2	7	9	3	2	2	3	3				
			21	1015.8	-	7.0	0.9	8.9	88	6.2	1	3	5	10	12	0	0	0	0	0	0	6	6	8	6	5	0	0	1	17	12	1	1	5	1	6	8	3	3	3	3					
ORKNEY																																														
KIRKWALL		26	3	1014.1	-	7.2	0.5	9.5	92	6.3	0	2	7	6	16	0	0	0	0	1	1	1	10	7	8	3	0	2	16	12	1	4	2	3	11	4	1	4	1	1	1					
			9	1014.2	-0.4	9.7	1.4	9.8	82	6.6	0	2	7	15	12	0	0	0	0	0	0	1	8	5	14	3	0	7	17	7	0	3	5	5	8	3	2	4	1	1	1					
			15	1014.5	-	10.9	1.9	10.0	77	5.4	1	4	9	10	7	0	0	0	0	0	2	8	2	13	6	0	8	14	9	0	4	2	4	12	1	2	5	1	2	5	1	2				
			21	1015.0	-	7.8	0.7	9.6	90	6.2	0	3	6	7	14	1	0	0	0	0	1	1	0	9	5	10	5	0	5	15	8	3	1	2	2	12	3	2	4	2	4					
CAITHNESS																																														
WICK		37	3	1013.7	-	7.5	0.8	9.3	89	6.4	0	2	5	13	9	2	0	1	0	1	1	0	10	4	10	4	0	0	13	18	0	3	3	1	12	3	2	5	2	2	4	4				
			9	1014.0	-0.7	9.4	1.5	9.5	81	6.5	0	2	4	14	11	0	0	0	0	1	0	2	4	3	14	7	0	0	19	12	0	3	4	2	9	5	2	2	4	4	4					
			15	1014.2	-	10.4	1.8	9.8	78	5.9	0	6	2	20	3	0	0	0	0	0	1	1	6	4	11	8	0	4	10	17	0	2	3	3	13	4	0	2	4	4	4					
			21	1014.8	-	8.2	1.0	9.4	86	5.7	1	4	5	13	7	1	0	0	1	0	1	3	7	3	10	6	0	0	17	13	1	2	3	1	13	3	2	2	4	4						
SUTHERLAND																																														
CAPE WRATH		113	3	1012.5	-	8.3	0.5	10.2	93	6.4	0	1	9	6	14	1	0	0	1	0	0	0	2	17	11	0	1	12	18	0	0	3	9	5	3	5	4	2	1	2	2					
			9	1012.8	-	9.8	0.7	10.9	90	6.2	0	4	6	6	13	2	0	1	1	0	0	0	0	3	16	10	0	2	12	17	0	0	3	10	5	4	4	4	4	4	4					
			15	1013.1	-	10.3	0.9	11.3	89	6.1	0	1	8	12	8	2	0	1	1	0	0	0	0	2	16	11	0	0	12	19	0	1	6	5	4	3	7	3	2	2	2	2				
			21	1013.1	-	9.5	0.8	10.7	90	5.8	0	3	9	6	11	2	0	2	0	0	0	0	0	4	16	9	0	2	10	19	0	2	3	4	10	2	6	2	2	2	2					
ROSS & CROMARTY																																														
STORNOWAY		5	3	1012.4	-	8.3	1.0	9.4	86	6.0	0	4	7	6	14	0	0	0	0	0	0	4	8	16	3	0	0	11	18	2	1	3	6	5	7	2	5	0	0	0	0					
			9	1013.0	-1.3	9.9	1.6	9.8	80	6.5	0	3	4	10	14	0	0	0	0	0	0	0	2	7	14	8	0	0	22	9	0	3	3	6	6	7	2	2	2	2	2					
			15	1013.3	-	11.3	2.2	9.9	74	6.1	0	2	10	9	10	0	0	0	0	0	0	0	3	16	9	0	0	0	18	13	0	0	8	2	4	9	2	4	2	4	2	2				
			21	1013.3	-	9.3	1.2	9.9	84	5.9	0	5	5	10	11	0	0	0	0	0	1	3	7	13	7	0	0	12	17	2	2	5	4	2	8	2	4	2	4	2	4					
INVERNESS-SHIRE																																														
BENBECULA		7	3	1012.1	-	8.5	0.9	9.8	88	5.6	1	5	5	11	9	0	0	0	0	0	0	4	6	13	8	0	0	22	8	1	2	3	3	7	8	1	4	2	2	2	2					
			9	1012.7	-1.4	10.3	1.7	9.9	79	6.3	0	3	6	12	10	0	0	0	0	0	0	3	8	13	7	0	4	21	6	0	2	2	3	10	5	3	4	3	3	3						
			15	1013.0	-	11.8	2.2	10.2	73	4.9	0	7	9	8	7	0	0	0	0	0	1	4	3	15	8	0	4	25	2	0	2	2	3	5	8	4	4	3	3	3	3					
			21	1013.0	-	9.4	1.1	10.2	85	6.4	0	2	3	19	7	0	0	0	0	0	0	4	7	11	9	0	1	20	9	1	5	4	2	8	4	2	5	0	0	0						
1 SCOTLAND E MORAYSHIRE																																														
KINLOSS		6	3	1013.7	-	7.3	1.3	8.5	82	5.7	0	6	2	18	5	0	0	0	0	0	0	1	2	7	14	7	0	0	8	20	3	2	1	5	2	4	11	2	1	1	1					
			9	1013.8	-1.0	11.4	2.6	9.3	70	6.5	0	1	5	20	5	0	0	0	0	0	0	0	4	6	11	10	0	2	14	15	0	4	2	4	5	5	1	9	1	1						
			15	1013.8	-	12.9	3.2	9.6	65	8.0	0	2	8	14	7	0	0	0	0	0	0	0	2	4	15	10	0	1	22	8	0	5	6	2	6	3	0	7	2	0	0					
			21	1014.6	-	9.6	1.9	9.0	75	5.6	0	4	6	15	6	0	0	0	0	0	0	0	4	9	6	12	0	0	12	18	1	3	2	8	5	5	3	4	0	0						
ABERDEENSHIRE																																														
DYCE		59	3	1014.2	-	6.8	0.8	8.9	89	6.5	0	4	2	15	10	0	0	0	0	0	4	2	6	6	8	7	0	0	10	19	2	2	3	1	5	5	3	5	7	5	7					
			9	1014.3	-0.7	10.3	2.0	9.5	75	6.0	0	3	6	15	7	0	0	0	0	0	1	1	5	6	8	10	0	1	18	12	0	3	3	2	5	7	1	3	4	3						
			15	1014.5	-	11.8	2.7	9.5	69	6.4	0	1	6	17	7	0	0	0	0	0	1	6	3	10	11	0	5	19	7	0	5	0	6	8	7	0	1	4	3	4	3					
			21	1015.3	-	6.4	1.2	9.2	83	6.1	0	4	3	15	9	0	0	0	0	2	1	11	5	5	7	0	0	14	15	2	4	1	2	8	7	0	4	3	4	3						
FRASERBURGH																																														
		22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
			9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
			15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
			21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ANGUS																																														
USAN		35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
			15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-								
			21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
			21	1015.6	-	8.8	1.1	9.6	85	5.4	0	8	4	11	8	0	0	0	0	1	1	2	3	5	4	15	0	0	11	12	8	5	2	2	6	5	1	1	1	1	1					
FIFE																																														
LEUCHARS		12	3	1013.9	-	7.0	0.8	8.9	89	5.3	0	5	9	11	6	0	0	0	1	0	0	1	6	6	11	6	0	0	10	15	6	2	6	1	1	5	6	2	1	1	1					
			9	1014.1	-0.8	10.7	2.1	9.6	74	6.1	0	3	3	22	3	0	0	0	0	0	1	2	8	9	11	0	1	16	14	0	4	2	7	4	2	5	1	6	1	1						
			15	1013.9	-	12.5	2.9	9.7	68	6.0	0	3	5	18	5	0	0	0	0	2	1	9	8	11	0	1	24	6	0	1	5	9	5	2	2	7	0	3	0	3						
			21	1014.7	-	9.2	1.4	9.5	81	5.4	0	8	2	14	7	0	0	0	0	0	1	0	5	7	9	9	0	0	13	15	3	2	5	8	3	1	1	5	3							
MIDLOTHIAN																																														
TURNHOUSE		44	3	1014.0	-	7.5	1.2	8.7	83	5.5	0	7	5	12	7	0	0	0	0	0	0	5	9	12	5	0	0	6	20	5	1	5	6	0	1	7	5	1	0	1						
			9	1014.2	-0.9	11.1	2.3	9.5	72	6.4	0	1	5	21	4	0</																														



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 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 OBSERVED	SPEED (KT)																
																								34 OR MORE	22-35	11-21	1-10	0												
NUMBER OF OBSERVATIONS																																								
6 SCOTLAND W -CONTO. DUNFRIESSHIRE	237	3	1014.7	-	5.1	0.9	7.8	87	5.7	0	5	5	9	12	0	0	0	0	1	0	0	0	4	6	8	9	3	0	0	7	13	11	7	3	1	2	3	1	3	0
		9	1014.5	- 0.5	9.3	2.4	8.5	72	5.9	0	4	5	14	8	0	0	0	0	1	7	3	13	7	0	0	16	15	0	5	3	2	9	4	1	8	1	8	0		
		15	1013.9	-	12.3	3.9	8.5	59	6.4	0	0	7	17	7	0	0	0	0	0	3	7	12	9	0	2	16	13	0	4	2	2	8	7	3	5	0	5	1		
		21	1015.3	-	7.3	1.6	8.2	80	5.2	0	8	6	10	7	0	0	0	0	1	5	8	10	7	0	0	4	21	6	3	5	0	4	4	1	7	1	0			
2 ENGLAND E 4 NE NORTHUMBERLAND																																								
ACKLINGTON	46	3	1014.5	-	6.5	0.5	9.1	92	4.8	2	7	5	10	7	0	0	0	0	0	0	0	2	1	11	4	8	5	0	0	3	25	3	4	3	0	5	1	5	8	2
		9	1014.9	- 0.3	10.8	1.8	10.1	77	5.7	0	3	7	15	6	0	0	0	0	0	0	0	1	10	6	3	11	0	1	10	20	0	5	3	2	10	1	3	5	2	
		15	1014.6	-	11.8	2.0	10.5	76	5.6	0	3	10	11	7	0	0	0	0	0	1	6	8	7	9	0	0	17	14	0	3	3	9	10	0	3	2	1			
		21	1015.3	-	8.7	0.9	9.9	88	5.9	0	5	5	11	10	0	0	0	0	0	2	9	8	7	5	0	0	4	23	4	5	0	3	9	1	3	5	1			
SEAHOUSES	12	3	1013.9	-	7.6	1.1	8.9	84	5.3	0	8	3	13	6	1	0	0	1	0	2	8	7	13	0	0	1	6	21	3	3	2	1	2	7	2	11	0			
		9	1014.5	-	10.7	2.0	9.7	75	5.5	0	2	11	16	2	0	0	0	0	1	0	12	3	13	2	0	0	11	19	1	6	1	1	4	9	3	4	2			
		15	1014.3	-	11.6	2.2	10.1	74	5.6	0	3	12	10	6	0	0	0	0	2	11	4	11	3	0	1	15	14	1	4	4	3	6	9	1	2	1				
		21	1014.8	-	9.3	1.4	9.6	82	5.9	0	4	6	10	11	0	0	0	0	1	11	6	12	1	0	3	7	19	2	2	3	3	2	12	1	4	2				
TYNE & WEAR																																								
TYNEMOUTH	40	3	1014.7	-	8.1	0.9	9.5	87	5.0	1	6	6	13	5	0	0	0	0	0	0	0	1	3	17	10	0	0	1	14	14	2	4	1	2	2	8	1	10	1	
		9	1015.1	- 0.5	9.9	1.5	9.8	81	5.8	0	3	7	15	6	0	0	0	0	0	1	5	15	10	0	0	0	20	11	0	8	0	2	9	4	1	7	0			
		15	1014.0	-	11.0	1.8	10.3	79	5.8	1	2	8	13	7	0	0	0	0	0	1	11	10	9	0	0	3	21	7	0	4	2	5	11	2	1	6	0			
		21	1015.4	-	9.6	1.2	10.1	85	5.6	0	4	8	11	7	1	0	0	0	1	0	4	21	5	0	0	3	15	13	0	6	0	3	5	8	0	8	1			
NORTH YORKSHIRE																																								
LEEMING	33	3	1014.9	-	7.0	0.9	8.8	87	5.4	2	4	6	12	6	1	0	1	0	0	0	1	2	5	7	8	7	0	0	3	25	3	7	2	0	3	6	2	6	2	
		9	1015.1	- 0.4	11.2	2.5	9.3	70	5.7	0	5	5	14	7	0	0	0	0	0	2	0	8	6	5	10	0	0	9	22	0	10	3	1	6	4	2	4	1		
		15	1014.4	-	14.6	4.3	9.2	58	5.8	0	4	7	15	5	0	0	0	0	0	0	0	0	2	5	15	9	0	0	15	14	2	3	3	5	5	1	7	2		
		21	1015.4	-	10.4	2.0	9.5	75	5.3	0	9	2	12	8	0	0	0	0	0	0	1	4	9	7	10	0	0	3	26	2	3	1	1	9	2	3	10	0		
WHITBY C.O.	66	3	1014.5	-	7.9	0.9	9.3	87	5.1	0	5	12	7	6	1	1	0	0	0	0	0	9	15	3	3	0	3	13	13	2	4	1	1	5	10	3	4	1		
		9	1014.9	-	10.3	1.6	10.0	80	5.6	0	5	7	12	6	1	1	0	0	0	0	0	8	12	8	2	0	0	16	14	1	4	2	2	7	1	1	6	0		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		21	1015.2	-	9.2	1.1	10.0	85	5.9	0	3	10	6	12	0	0	0	0	0	0	2	10	9	1	0	2	13	15	1	5	0	3	7	9	1	4	1			
HUMBERSIDE																																								
KILNSER	16	3	1014.7	-	8.7	0.8	10.0	89	5.1	1	4	10	11	4	1	0	0	0	1	0	0	4	23	3	0	0	2	15	8	6	4	2	3	3	3	3	7	0		
		9	1015.1	- 0.6	10.6	1.5	10.4	81	5.2	0	3	13	11	4	0	0	1	0	0	0	2	7	20	1	0	0	2	17	10	2	5	2	3	3	7	1	6	2		
		15	1014.9	-	11.6	1.8	10.8	79	5.4	1	0	14	12	4	0	0	0	0	0	0	3	1	5	23	1	0	1	19	10	1	6	3	6	9	1	1	4	0		
		21	1015.3	-	10.0	1.3	10.3	84	5.0	0	4	16	4	5	1	0	1	0	0	0	0	1	5	23	1	0	0	1	18	8	4	5	1	4	7	4	0	6	0	
LINCOLNSHIRE																																								
BINBROOK	112	3	1015.1	-	6.8	0.7	8.9	90	5.0	1	7	8	7	7	1	0	1	0	0	0	0	1	13	8	8	0	0	0	13	17	1	4	3	3	1	9	1	8	1	
		9	1015.4	-	11.2	2.1	10.0	75	5.5	0	6	7	11	7	0	0	0	0	0	0	1	8	10	9	3	0	1	19	10	1	5	3	4	0	7	3	5	3		
		15	1014.9	-	13.0	3.2	9.6	65	5.7	0	2	10	13	6	0	0	0	0	0	0	0	4	10	12	5	0	0	21	10	0	4	1	9	2	5	2	6	2		
		21	1015.8	-	8.9	1.4	9.4	81	4.9	0	8	10	7	6	0	0	0	0	0	0	1	5	14	11	0	0	0	11	19	1	3	2	7	5	4	2	7	0		
WROUGHTON	70	3	1014.8	-	6.9	0.8	8.8	88	4.3	6	7	2	10	6	0	0	0	0	0	0	0	3	10	11	6	1	0	0	4	27	0	5	1	4	2	6	8	7	0	
		9	1015.2	- 0.6	11.6	2.4	9.8	71	5.5	0	3	8	17	3	0	0	0	0	0	0	0	0	0	0	0	0	14	17	0	4	3	2	3	5	5	7	2			
		15	1014.5	-	14.3	3.9	9.6	59	5.7	0	3	10	12	6	0	0	0	0	0	0	1	3	27	0	0	0	20	10	1	4	3	3	3	4	3	9	3			
		21	1015.4	-	9.7	1.6	9.6	79	4.6	1	8	8	9	5	0	0	0	0	0	0	1	4	9	16	1	0	0	9	22	0	2	2	6	7	1	5	8	0		
3 EAST ANGLIA NORFOLK																																								
COLTISHALL	17	3	1014.6	-	7.5	0.9	9.1	87	4.5	3	10	1	11	6	0	0	0	1	0	0	3	8	12	7	0	0	0	7	20	4	4	1	4	3	3	3	7	2		
		9	1015.2	-	12.3	2.7	9.9	69	5.7	0	5	5	13	8	0	0	0	0	0	0	0	6	13	10	2	0	0	20	10	1	4	3	1	7	4	3	4	4		
		15	1014.8	-	14.4	4.2	9.1	56	5.5	1	3	6	18	3	0	0	0	0	0	0	0	3	10	13	5	0	0	25	6	0	5	4	3	5	4	2	4	4		
		21	1015.4	-	9.7	1.6	9.7	80	4.3	0	12	5	11	3	0	0	0	0	0	0	0	0	0	14	2	0	0	6	22	3	4	4	3	5	4	5	2	1		
GORLESTON	8	3	1014.6	-	9.1	1.0	10.2	87	4.4	7	3	7	5	11	0	0	0	0	0	0	0	7	24	0	0	0	1	13	18	1	4	2	2	2	6	2	10	2		
		9	1015.3	- 0.7	11.0																																			



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	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 (Hb)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF MET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OCTAS						0 - 30M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3000M	4 - 8M	10 - 18M	20 - 50M	40KM AND OVER	BEAUFORT FORCE														
										0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											0 OR MORE	1-7	8-10	11-15	16-20	21-24									
																																S	N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																								
3 EAST ANGLIA -CONTO. ESSEX																																								
SHOEBURYNNESS	5	9	1015.5	- 0.9	12.7	2.2	10.9	74	5.0	2	3	10	11	5	0	0	0	0	0	1	4	5	7	13	1	0	0	12	18	1	5	2	4	7	1	8	3			
		15	1014.8	-	14.7	3.6	10.5	63	6.2	0	2	6	17	8	0	0	0	0	0	0	1	6	8	7	9	0	0	14	18	1	5	2	4	7	1	8	3			
		21	1015.5	-	11.3	1.7	10.8	80	4.9	1	8	4	15	3	0	0	0	0	0	0	1	4	9	10	7	0	0	14	17	0	5	1	2	5	4	3				
STANSTED	102	9	1014.8	-	7.0	0.6	9.2	91	4.3	2	9	8	9	5	0	0	0	0	1	1	4	12	10	3	0	0	0	26	5	4	2	4	4	2	5	5	2			
		15	1015.2	- 0.9	12.1	2.6	9.8	70	4.9	0	6	10	11	4	0	0	0	0	0	2	5	15	11	2	0	0	0	22	5	4	2	4	3	5	2	6	4			
		21	1014.3	-	14.6	4.2	9.3	57	5.9	0	3	7	16	5	0	0	0	0	0	1	7	8	15	0	0	0	15	16	0	5	1	7	4	4	3	3				
WALTON-ON-THE-MAZE	8	9	1014.8	-	-	-	-	3.8	8	6	6	4	7	0	0	0	0	0	0	1	5	25	0	0	0	1	9	19	2	1	4	4	1	6	2	4	7			
		15	1015.4	-	-	-	-	-	5.0	3	5	8	9	0	0	0	0	0	2	4	7	18	0	0	0	0	15	15	1	3	5	2	5	4	5	2	3			
		21	1015.0	-	-	-	-	-	5.8	2	1	6	14	8	0	0	0	0	2	3	8	18	0	0	0	0	16	14	1	1	4	7	2	9	2	2	3			
4 MIDLAND COUNTIES WEST YORKSHIRE																																								
HUDDERSFIELD OAKES	235	9	1014.5	-	6.4	1.4	7.6	79	6.5	1	1	4	10	15	0	0	0	0	1	1	6	11	9	3	0	0	0	21	10	0	2	7	1	4	6	5	5			
		15	1015.0	-	10.0	2.2	8.8	72	6.0	0	3	7	11	10	0	0	0	0	2	0	0	12	9	0	0	0	2	10	11	0	4	3	2	5	4	3	2			
		21	1014.3	-	13.1	3.7	8.9	59	6.4	0	2	6	13	10	0	0	0	0	0	2	0	10	10	0	0	0	6	10	7	0	3	4	2	5	4	3	2			
MILSDEN	287	9	1015.2	-	5.8	0.8	8.2	87	5.5	2	5	4	9	11	0	0	0	0	0	0	14	17	0	0	0	0	0	9	18	6	3	0	2	6	3	7	1			
		15	1015.2	-	9.1	1.9	8.7	75	5.4	1	3	9	10	7	1	0	0	0	1	1	4	17	7	0	0	0	1	13	17	0	2	4	4	5	4	3	2			
		21	1014.5	-	12.1	3.5	8.4	60	5.8	0	2	10	12	7	0	0	0	0	0	0	5	16	10	0	0	0	19	10	2	2	2	3	6	2	5	4	0			
SOUTH YORKSHIRE	15	9	1014.8	-	6.6	0.7	8.9	90	5.0	2	7	5	12	5	0	0	0	0	1	0	13	14	3	0	0	0	3	26	2	6	2	2	8	1	9	1	6			
		15	1015.1	- 0.6	12.2	2.6	10.0	70	5.8	0	4	7	14	6	0	0	0	0	0	0	2	18	9	3	0	0	0	14	17	0	5	2	2	1	6	5	5			
		21	1014.3	-	15.1	4.4	9.8	58	5.8	0	3	8	16	4	0	0	0	0	0	0	1	18	8	0	0	0	0	22	9	0	5	4	5	1	6	5	5			
NOTTINGHAMSHIRE	119	9	1014.9	-	7.0	0.8	9.0	89	5.3	2	5	6	11	7	0	0	0	0	0	1	18	9	3	0	0	0	4	26	1	5	4	1	1	5	5	7	2			
		15	1015.2	- 0.4	11.5	2.5	9.7	71	5.5	0	6	6	12	7	0	0	0	0	0	0	8	10	12	1	0	0	14	17	0	2	5	3	3	5	4	6	5			
		21	1014.4	-	14.4	4.0	9.6	59	6.0	0	2	6	16	7	0	0	0	0	0	0	5	7	17	2	0	0	18	13	0	3	4	5	3	8	5	2				
SALOP	76	9	1014.4	-	6.9	0.8	8.9	89	5.5	1	4	7	9	10	0	0	0	0	0	0	1	6	14	9	1	0	0	2	24	5	1	5	2	3	4	2	7	2		
		15	1014.9	- 0.8	11.2	2.0	10.1	76	6.0	0	2	7	16	8	0	0	0	0	0	0	1	5	12	5	0	0	0	10	21	0	4	4	5	2	7	3	5			
		21	1015.0	-	9.9	1.5	9.9	80	5.2	0	5	12	7	7	0	0	0	0	0	0	1	8	8	13	1	0	0	4	24	3	4	2	5	1	5	3	6	2		
WEST MIDLANDS	165	9	1015.3	- 0.7	10.8	2.4	9.0	70	5.8	0	5	7	12	7	0	0	0	0	0	0	8	14	9	0	0	0	0	10	21	0	3	4	3	4	6	4	5	2		
		15	1014.4	-	13.8	4.3	8.6	54	6.5	0	1	3	21	6	0	0	0	0	0	0	3	17	6	5	0	0	0	11	19	1	3	5	1	3	4	7	3			
		21	1015.3	-	11.1	2.6	9.2	69	5.5	0	5	7	14	5	0	0	0	0	0	1	7	16	7	0	0	0	0	8	24	1	4	3	2	5	6	2	4	4		
ELMWOOD	100	9	1014.8	-	7.0	0.9	8.9	88	5.2	0	9	3	10	9	0	0	0	0	0	0	6	16	9	0	0	0	0	4	26	1	4	3	2	6	3	5	6	1		
		15	1015.2	- 0.7	11.3	2.4	9.5	71	5.5	0	6	7	11	7	0	0	0	0	0	0	5	17	9	0	0	0	0	16	15	0	1	5	4	3	7	2	3	6		
		21	1014.4	-	14.1	4.0	9.3	58	6.4	0	1	5	19	6	0	0	0	0	0	0	1	15	11	4	0	0	0	17	14	0	2	5	4	6	4	4	2			
HEREFORD & WORCESTER	36	9	1014.7	-	7.3	0.9	9.1	87	4.9	3	4	7	10	7	0	0	0	0	0	0	6	13	9	3	0	0	0	5	22	4	4	5	2	4	4	7	1	0		
		15	1015.1	-	11.9	2.5	9.9	71	5.7	1	2	9	12	7	0	0	0	0	0	0	4	9	14	4	0	0	0	12	18	0	4	3	4	3	4	7	5	1		
		21	1014.2	-	15.2	4.4	9.8	55	6.7	0	0	4	20	7	0	0	0	0	0	0	0	10	12	9	0	0	0	17	14	0	6	3	2	5	6	4	2			
ROSS-ON-WYE	69	9	1014.7	- 1.2	11.8	2.7	9.5	69	5.6	1	4	7	12	0	0	0	0	0	0	1	7	8	11	4	0	0	4	27	0	4	5	2	3	4	7	4	2			
		15	1013.9	-	14.7	4.3	9.3	55	5.8	0	4	8	10	9	0	0	0	0	0	0	2	15	10	4	0	0	0	8	23	0	4	4	5	1	7	8	4	0		
		21	1014.9	-	10.8	2.1	9.7	74	5.2	0	8	5	11	7	0	0	0	0	0	0	1	10	7	13	0	0	0	3	26	2	6	1	4	2	6	5	5	0		
GLOUCESTERSHIRE	24	9	1014.8	-	6.5	0.9	9.0	87	4.8	3	5	8	9	8	0	0	1	0	0	2	6	15	7	0	0	0	3	22	6	6	2	2	2	8	4	1	0			
		15	1015.6	- 0.4	12.4	2.4	10.4	72	5.9	0	5	5	13	8	0	0	0	0	0	0	5	13	10	3	0	0	0	17	14	0	6	3	4	2	6	5	3	2		
		21	1014.5	-	15.5	4.1	10.4	58	6.3	0	1	8	14	8	0	0	0	0	0	0	3	10	11	7	0	0	0	17	14	0	5	3	4	4	6	6	3			
LITTLE RISSINGTON	229	9	1015.3	-	7.2	1.0	8.8	86	4.8	3	7	6	5	9	1	0	0	0	0	0	3	6	10	8	2	0	0	7	23	1	4	4	3	1	5	3	6	4		
		15	1015.6	- 0.4	10.4	2.4	8.9	71	6.0	0	2	8	12	9	0	0	0	0	0	0	4	7	16	4	0	0	0	15	16	0	5	3	3	2	4	4	4			
		21	1014.7	-	13.4	4.0	9.7	56	6.3	0	1	8	14	8	0	0	0	0	0	0	1	8	14	6	0	2	17	12	0	5	5	3	3	2	4	6	6	0		
OXFORDSHIRE	73	9	1015.0	-	7.1	0.8	9.0	88	5.1	3	5	6	8	8	1	0	0	0	0	3	5	13	7	2	0	0	1	26	4	6	3	2	4	2	1	6	3			
		15	1015.4	- 0.8	11.9	2.8	9.4	87	5.8	0	4	6	16	5	0	0	0	0	0	0	6	7	18	0	0	0	9	22	0	6	1	2	6	5	2	6	2			
		21	1014.5	-	14.9	4.6	9.0	53	6.5	0	0	7	17	7	0	0	0	0	0	0	2	5	15	9	0	0	14	17	0	6	3	3	3	6	2	6	1			
BRIZE NORTON	92	9	1014.8	-	7.0	0.8	8.9	88	4.8																															



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

MAY 1974

STATION	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	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 OBSERVED											10 OR MORE	11-21	22-35	CALM										
NUMBER OF OBSERVATIONS																																							
5 ENGLAND SE & CENT. S. -CONTO.																																							
MILTSHIRE																																							
BOSCOMBE DOWN 120																																							
15																																							
21																																							
LYNEHAM 149																																							
15																																							
15																																							
21																																							
UPAVON 183																																							
15																																							
21																																							
KENT																																							
DUNGENESS 7																																							
15																																							
15																																							
21																																							
MANSTON 45																																							
9																																							
15																																							
21																																							
WEST SUSSEX																																							
OATWICK 60																																							
15																																							
15																																							
21																																							
THORNEY ISLAND 5																																							
9																																							
15																																							
21																																							
EAST SUSSEX																																							
EASTBOURNE C.O. 7																																							
15																																							
21																																							
7A ENGLAND NW & I.O.M. CUMBRIA																																							
CARLISLE 28																																							
9																																							
15																																							
21																																							
LANCASHIRE																																							
SQUIRES CLATE 11																																							
9																																							
15																																							
21																																							
HERESYDSE																																							
SPEKE 24																																							
9																																							
15																																							
21																																							
GREATER MANCHESTER																																							
RINGWAY 84																																							
9																																							
15																																							
21																																							
ISLE OF MAN																																							
POINT OF AYRE 9																																							
9																																							
15																																							
21																																							
RONALDSWY 21																																							
9																																							
15																																							
21																																							
7B WALES N GWYNEDD																																							
BARDSEY ISLAND 19																																							
9																																							
15																																							
21																																							
VALLEY 11																																							
9																																							
15																																							
21																																							
8A WALES S DYFED																																							
ABERPORTH 134																																							
9																																							
15																																							
21																																							
BRYNAMMAN																																							
15																																							
21																																							
MILFORD HAVEN C.B.																																							
9																																							
15																																							
21																																							



MAY 1974

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	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	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						SPEED (KT)	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	N										NE	E	SE	S	SW	W	NW																																																														
																																															0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																															
																																																																														0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
NUMBER OF OBSERVATIONS																																																																																																												
8A WALES S -CONTO. WEST GLAMORGAN																																																																																																												
MUMBLES HEAD		37	3	9	1015.2	-	11.2	1.9	10.2	77	6.0	2	1	7	10	10	1	0	1	0	0	11	10	8	1	0	4	16	8	3	1	2	2	3	4	8	1	2	1	1																																																																				
			15	9	1014.9	-	12.6	2.3	10.7	73	5.7	0	4	10	8	8	1	0	0	1	0	0	9	8	0	1	7	13	9	1	1	1	1	1	1	1	1	1	1																																																																					
			21	3	1015.1	-	10.9	1.6	10.5	80	5.7	0	3	10	10	10	0	0	0	0	0	6	16	7	2	0	3	15	10	3	3	3	3	3	3	3	3	3	3	3																																																																				
SOUTH GLAMORGAN																																																																																																												
RHOOSE		69	3	9	1014.4	-	7.9	0.8	9.5	89	4.5	3	9	2	11	6	0	0	0	0	2	1	7	13	8	0	0	6	22	3	1	7	4	3	2	1	7	3	3																																																																					
			9	9	1015.0	-1.1	11.5	2.4	9.8	71	5.6	0	3	10	11	7	0	0	0	0	0	1	4	12	12	2	0	0	15	15	1	0	6	4	5	4	5	2	1																																																																					
			15	9	1014.5	-	13.5	3.5	9.6	62	5.1	0	9	4	10	8	0	0	0	0	1	0	3	12	12	3	0	0	20	11	0	1	3	4	5	3	2	12	1																																																																					
			21	9	1015.1	-	9.8	1.4	10.0	82	5.3	0	7	4	13	7	0	0	0	0	0	8	13	9	1	0	0	7	22	2	2	3	3	3	3	5	0	9	4																																																																					
8B ENGLAND SW AVON																																																																																																												
FILTON		61	3	9	1014.6	-	8.0	0.9	9.4	87	4.1	5	7	7	5	7	0	0	0	0	0	10	11	9	0	0	0	5	20	6	0	8	2	3	4	4	4	0	0																																																																					
			9	9	1015.2	-0.9	11.8	2.6	9.8	69	5.4	1	3	11	11	5	0	0	0	0	0	4	11	11	5	0	0	17	14	0	1	7	4	1	1	1	1	1	1																																																																					
			15	9	1014.4	-	14.4	4.2	9.2	57	5.6	0	5	8	12	6	0	0	0	0	0	1	5	9	15	0	2	14	15	0	1	8	3	2	4	4	5	2	1																																																																					
			21	9	1015.2	-	10.6	1.9	9.7	76	5.2	1	4	11	8	7	0	0	0	0	0	1	7	15	6	2	0	0	11	20	0	1	5	4	1	1	8	2	10	2																																																																				
SOMERSET																																																																																																												
YEDEVILTON		23	3	9	1014.7	-	7.7	0.9	9.3	88	4.4	2	9	8	5	7	0	0	0	0	1	1	0	9	17	3	0	0	1	5	11	14	1	3	2	3	2	2	4	0	3																																																																			
			9	9	1015.2	-	12.1	2.6	9.9	70	5.6	0	2	10	16	3	0	0	0	0	0	1	5	17	8	0	0	3	17	6	5	3	2	3	4	4	3	4	3	2																																																																				
			15	9	1014.7	-	14.6	4.2	9.4	56	5.6	0	3	8	16	4	0	0	0	0	0	1	0	9	20	1	0	1	20	8	2	6	2	4	4	5	4	5	2	5																																																																				
			21	9	1015.2	-	10.9	1.9	10.0	76	5.2	1	4	11	8	7	0	0	0	0	0	1	6	14	9	1	0	1	7	19	4	0	5	4	1	4	2	6	5																																																																					
DORSET																																																																																																												
HURN		11	3	9	1014.7	-	7.1	0.5	9.5	93	3.9	5	9	5	5	6	1	0	1	1	1	2	10	8	7	0	0	0	5	22	4	8	1	1	1	1	4	4	4	0																																																																				
			9	9	1015.2	-	12.3	2.5	10.2	71	5.5	0	5	7	17	2	0	0	0	0	0	2	7	8	13	1	0	0	18	12	1	6	4	2	2	5	4	4	5	0																																																																				
			15	9	1014.7	-	14.8	4.3	9.3	56	5.2	0	4	13	8	6	0	0	0	0	0	1	3	8	14	5	0	0	17	14	0	3	1	3	2	6	5	6	3	2																																																																				
			21	9	1015.3	-	10.6	1.5	10.4	81	4.4	0	10	9	8	4	0	0	0	0	0	0	8	11	12	0	0	0	6	25	0	4	3	3	2	7	1	9	2	2																																																																				
PORTLAND BILL.C.O.		54	3	9	1014.7	-	9.3	0.3	11.2	96	4.1	7	6	4	5	9	0	3	0	0	0	2	10	12	3	1	0	4	18	9	0	3	4	8	1	3	2	5	5	3																																																																				
			9	9	1015.6	-	11.5	0.9	12.0	89	5.1	0	4	12	13	2	0	0	0	0	1	1	12	9	7	1	0	2	15	12	2	0	3	7	3	3	3	7	3	3																																																																				
			15	9	1015.2	-	12.4	1.1	12.5	87	4.3	1	9	5	7	0	0	0	0	0	3	1	8	10	9	0	0	3	17	11	0	1	2	4	3	5	6	9	1	3																																																																				
			21	9	1015.4	-	10.2	0.4	11.9	95	5.1	1	6	8	7	1	0	1	0	0	2	0	9	13	5	1	0	3	18	8	2	3	4	4	3	3	2	7	3	3																																																																				
DEVON																																																																																																												
CHIVENOR		7	3	9	1014.3	-	8.5	0.9	9.7	87	5.2	1	7	5	14	4	0	0	0	0	0	0	9	13	9	0	0	0	5	22	4	1	1	14	4	2	0	4	1	1																																																																				
			9	9	1014.9	-1.2	11.8	2.2	10.2	75	5.9	1	3	6	14	7	0	0	0	0	0	0	4	12	11	4	0	1	16	14	0	0	3	4	3	8	5	4	4	4																																																																				
			15	9	1014.6	-	13.8	3.1	10.5	67	5.4	0	5	8	12	6	0	0	0	0	0	0	4	10	12	5	0	2	16	13	0	4	1	5	3	2	11	1	1																																																																					
			21	9	1015.0	-	10.6	1.4	10.5	82	4.9	1	5	9	12	4	0	0	0	0	0	1	5	12	12	1	0	0	8	19	4	4	2	4	2	4	1	8	2	2																																																																				
EXETER		38	3	9	1014.5	-	7.9	0.6	9.9	92	5.7	2	4	5	8	12	0	0	0	0	1	2	7	12	7	1	0	0	4	23	4	1	7	2	3	5	2	4	3	3																																																																				
			9	9	1015.0	-1.2	11.8	1.9	10.7	77	5.5	0	5	8	16	4	0	0	0	0	0	1	4	9	10	6	0	0	14	17	0	3	5	1	4	9	2	1	6	3																																																																				
			15	9	1014.5	-	13.8	2.6	11.3	71	6.1	0	4	6	13	8	0	0	0	0	0	0	6	8	6	11	0	1	19	11	0	3	2	1	6	8	2	5	4	3																																																																				
			21	9	1015.3	-	10.5	1.3	10.7	84	4.8	0	9	7	9	6	0	0	0	0	0	0	6	10	11	4	0	0	10	20	1	0	5	1	5	8	0	6	5	3																																																																				
HARTLAND POINT		93	3	9	1013.7	-	9.3	1.0	10.1	86	5.1	1	3	10	12	5	0	0	0	0	0	0	13	14	4	0	3	15	11	2	1	5	3	2	4	4	7	3	3																																																																					
			9	9	1014.3	-	10.6	1.6	10.3	80	6.1	1	2	6	14	8	0	0	0	0	0	4	13	10	4	0	3	17	11	0	0	9	3	0	5	6	8	2	2																																																																					
			15	9	1014.2	-	11.8	2.0	10.6	76	5.1	0	5	11	8	6	1	0	1	0	0	0	4	7	14	5	0	2	18	10	1	8	2	5	1	2	1	12	1	1																																																																				
			21	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																																						
MOUNT BATTEN		28	3	9	1014.3	-	8.8	0.9	10.0	88	5.1	1	7	6	10	7	0	0	0	0	0	0	5	14	12	0	0	2	9	12	8	3	4	5	2	3	1	5	0	0																																																																				
			9	9	1014.9	-1.2	11.8	2.0	10.6	76	5.6	0	4	9	11	7	0	0	0	0	0	1	3	13	10	4	0	2	10	19	0	1	2	7	5	6	3	5	2	1																																																																				
			15	9	1014.6	-	13.1	2.4	11.0	73	5.8	0	2	10	12	7	0	0	0	0	0	1	7	7	10	6	0	3	16	12	0	3	0	5	2	10	7	3	1	1																																																																				
			21	9	1015.2	-	10.9	1.4	10.8	82	4.6	2	9	5	10	5	0	0	0	0	0	2	4	12	11	2	0	3	8	19	1	7	1	3	3	6	1	6	3																																																																					
PRAMLE POINT		-	3	9	-	-	-	-	-	-	3.9	9	4	6	4	8	0	0	0	0	0	0	8	18	5	0	0	6	17	6	2	2	5	6	0	3	2	7	4	4																																																																				
			9	9	-	-	-	-	-	-	4.9	0	8	7	11	5	0	0	0	0	0	1	5	23	2	0	0	4	18	7	2	0	2	8	2	4	4	7	2	2																																																																				
			15	9	-	-	-	-	-	-	4.8	3	6	9	7																																																																																													



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

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

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

MAY 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																							
		ABOVE 34 KT ABOVE GROUND EFFECTIVE HEIGHT	ABOVE 30 KT ABOVE GROUND EFFECTIVE HEIGHT	34 KT OR MORE (GALE FORCE)					22-33 KT					11-21 KT					4-10 KT					LESS THAN 4 KT					MEAN HOURLY WIND SPEED (KT)	HIGHEST HOURLY WIND					HIGHEST GUST																																																																																																																																																																																																																																																																																		
				DATES OF OCCURRENCE					NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS					NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS		NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER 



MAY 1974

[illegible]







# THE METEOROLOGICAL OFFICE MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869

UDC 551 506 1(41-4)

## JUNE

VOLUME 91

## 1974

NUMBER 6

### Changeable; thundery periods and fine spells

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

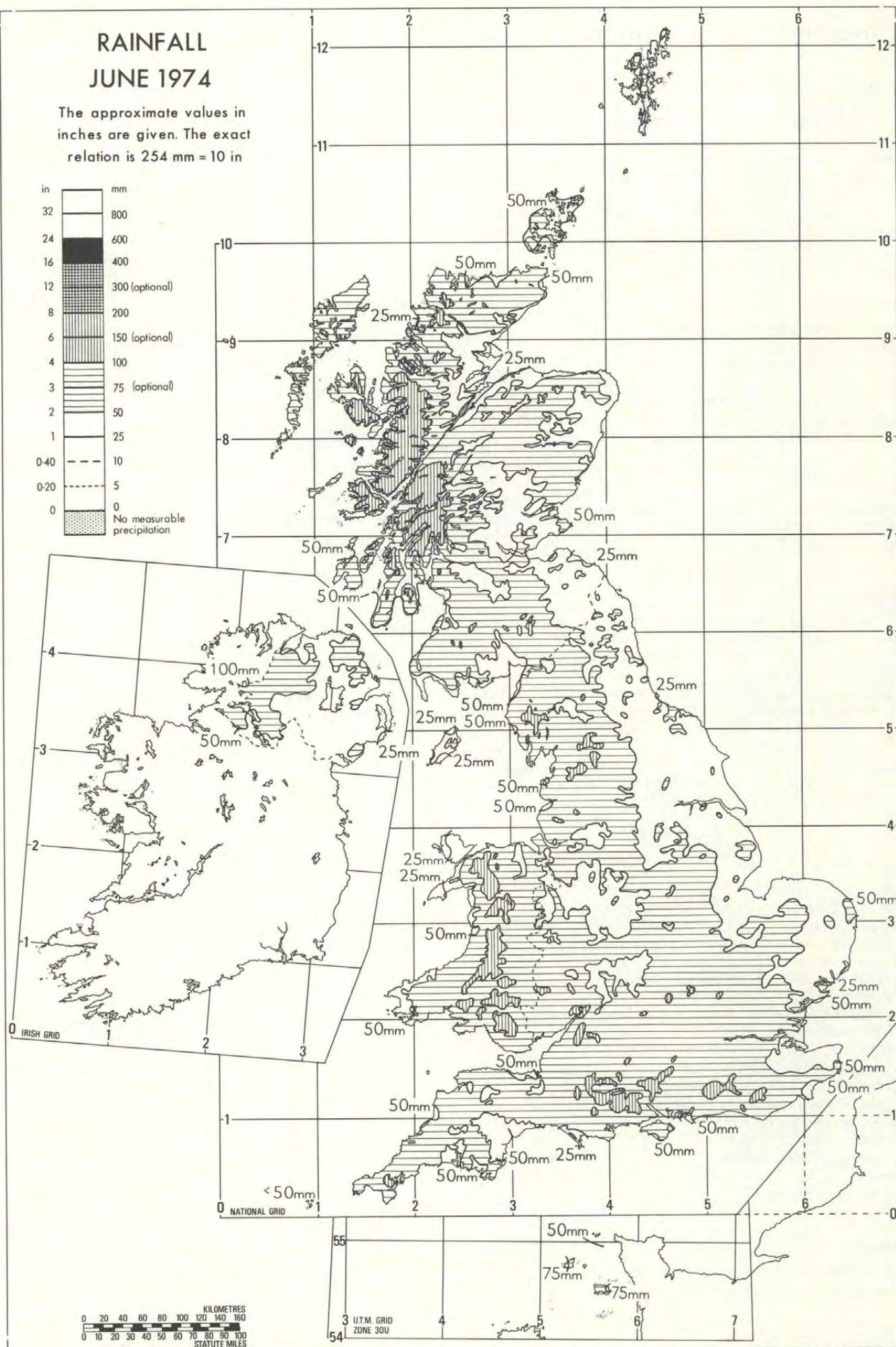
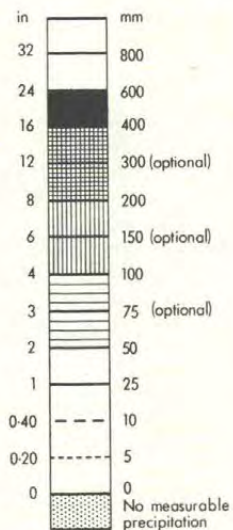
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	24.0	2.5	-0.1	-0.6	-0.3	-0.3	-2	83	107
1 Scotland E	23.1	3.3	-0.3	-0.4	-0.4	0.0	-1	85	102
2 England E & NE	23.7	-0.5	-1.1	-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.

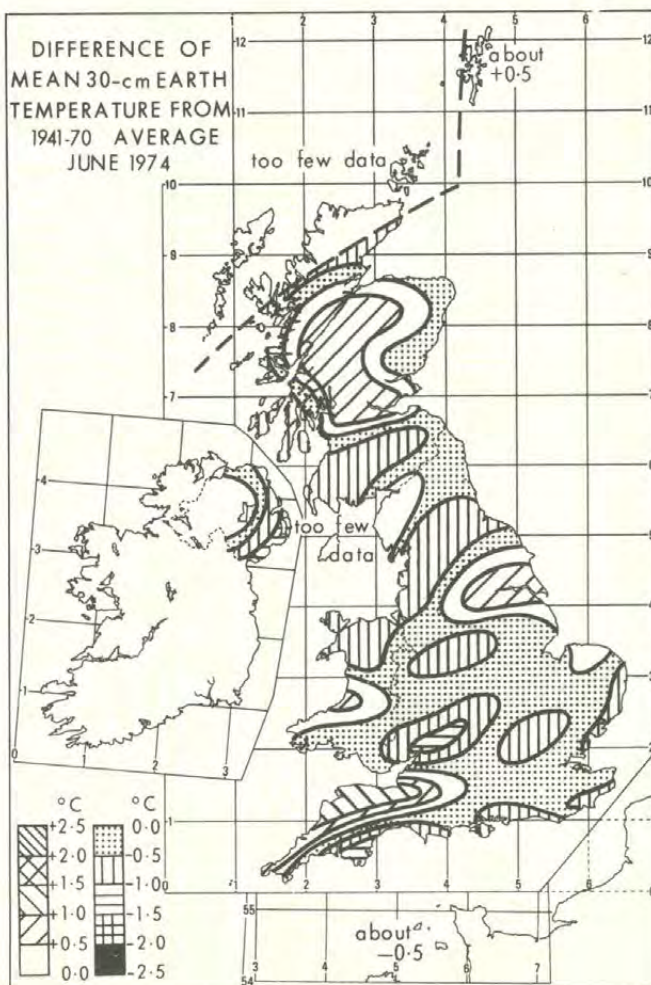
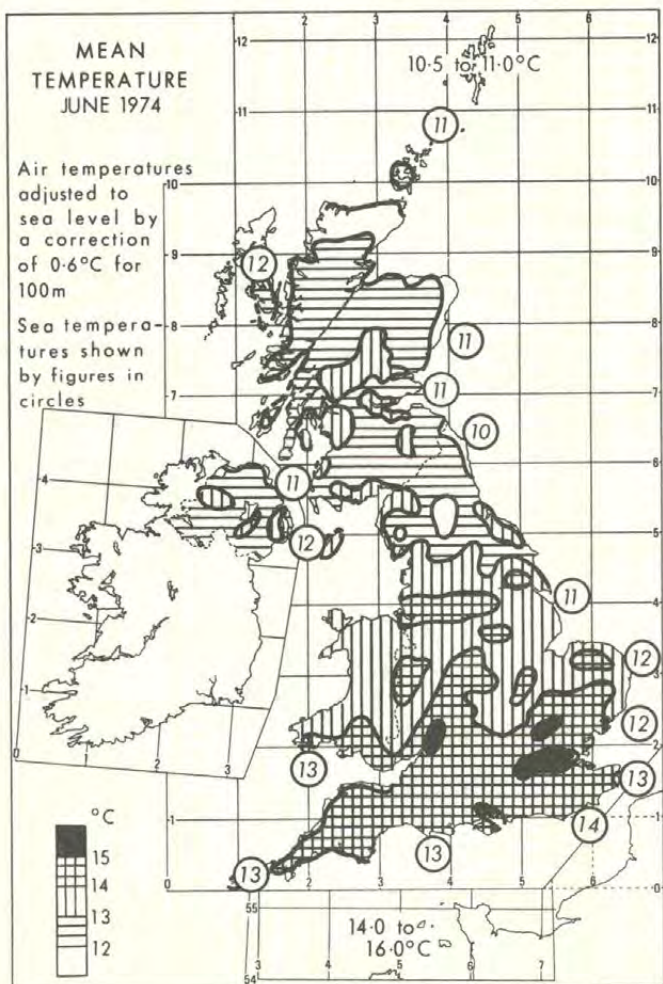
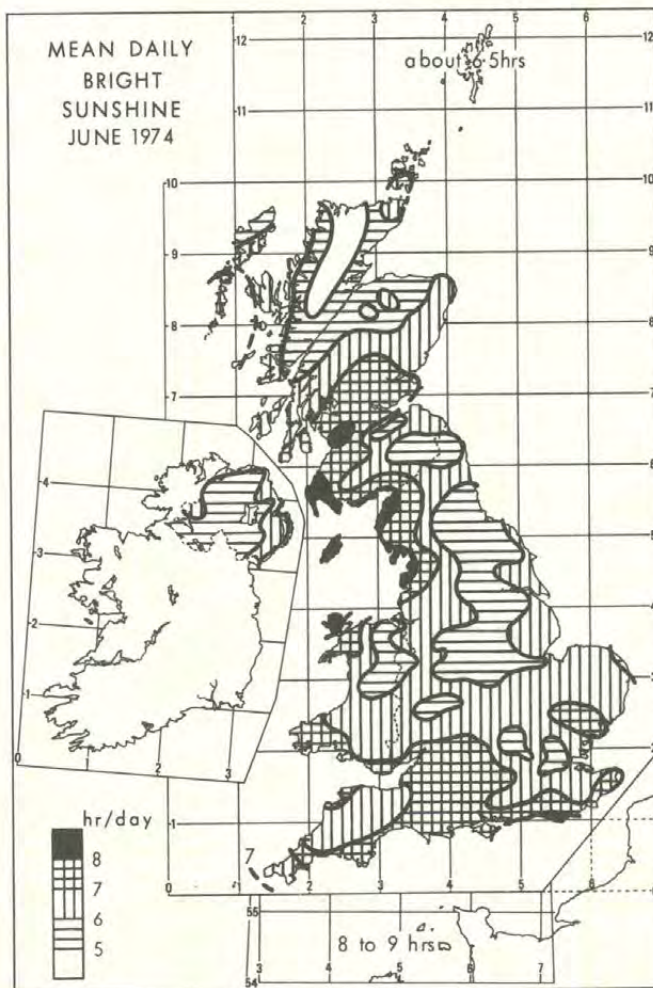
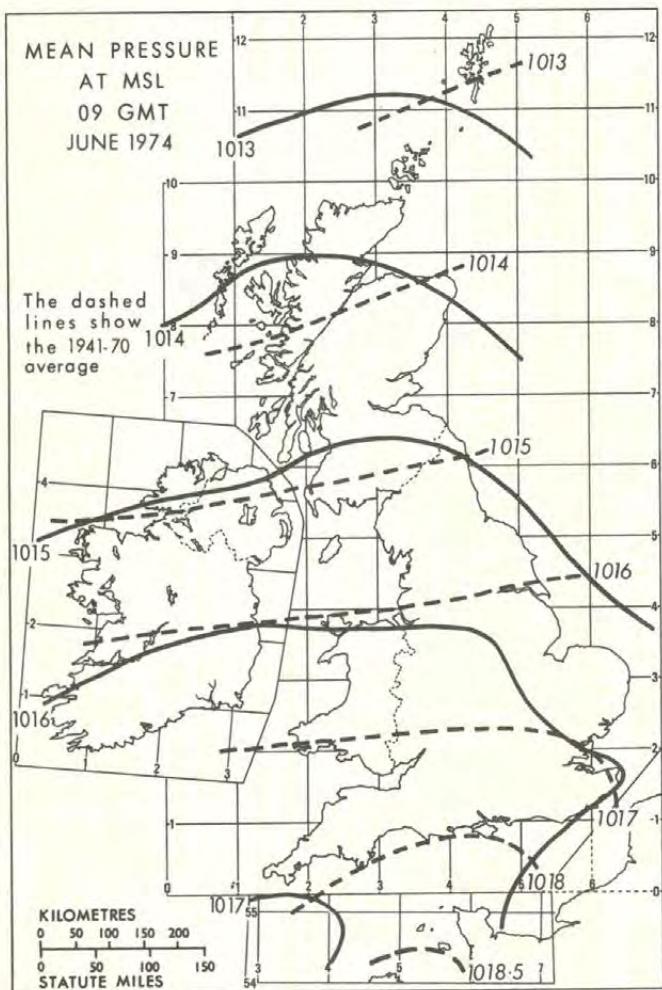


# RAINFALL JUNE 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1974

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	AMOUNT (MM)	DATE	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																	
D SCOTLAND N																																				
ZETLAND																																				
	BALTSOUND	9 9	24	14.1	7.3	10.7	+0.2	19.0	14	4.4	9	10.1		60	95	12	8	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.40	127	-
	LERWICK	21 9	82																																	
	PSYCHROMETER			12.5	7.6	10.1		16.5	21	3.6	10			38		13	1	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	6.36	125	-	
	SCREEN			12.8	7.6	10.2	+0.1	16.8	21	4.0	10																									
ORKNEY																																				
	KIRKALL AIRPORT	21-9	26	14.0	7.9	10.9	-0.1	17.5	14.20	3.3	28			55		19	17	17	11	1	0	0	0	0	0	0	0	0	0	0	0	0	6.09	114	-	
	STENNESS	9 9	23																																	
	SULE SKERRY	21-9	13																																	
CAITHNESS																																				
	DOUNREAY	9 9	21	14.5	7.9	11.2		19.5	13	3.9	15			56		8	18	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	6.03	-	-	
	KEISS	9 9	30	13.6	7.3	10.5		17.5	14	2.0	28	11.9	10.1	47		13	17	14	7	0	0	0	0	0	0	0	0	0	0	0	0	6.02	-	-		
	WICK	21-9	36	14.0	7.7	10.9	-0.1	18.0	14	2.9	8			56	112	12	17	14	10	0	0	0	0	0	0	0	0	0	0	0	0	5.56	101	-		
SUTHERLAND																																				
	CAPE WRATH	21-9	112	12.3	8.4	10.3	-0.4	19.3	13	5.8	3			91	112																					



JUNE 105 1974

			MAX. TERMINAL HEIGHT MIN. OF OBSERVATION		HEIGHT OF STATION ABOVE MSL (FEET)		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 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		80 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM) PERCENTAGE OF 1961-70 AVERAGE	MOST IN A DAY		PRECIPITATION 0.2 MM OR MORE ON HOUR	SNOW OR SLEET	SNOW LYING AT 9H	MAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MINUS BELONG TO C	CONCRETE MIN. BELONG TO DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE			
							MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE				AMOUNT (MM)	DATE															0.2 MM OR MORE ON HOUR	1.0 MM OR MORE ON HOUR	
<b>I SCOTLAND E -CONTINUED</b>																																				
<b>ABERDEEN</b>																																				
<b>ABERDEEN</b>																																				
		Dyce Airport ... ..	21-9	58	15.7	7.6	11.7	-0.3	22.1	20	3.1	7				35	13	16	13	8	0	0	1	0	1	0	0	0	5	0	0	6.58	113			
		Mannofield ... ..	9-9	52	15.1	8.0	11.5	-0.6	20.0	14	3.4	7				34	64	10	11	9	0	0	0	0	0	0	0	0	0	0	6.54	113				
		Balmoral ... ..	9-9	283	15.9	5.5	10.7	-0.6	22.1	14	1.7	14				54	101	13	16	14	13	0	0	0	0	0	0	0	0	0	5.93	110	\$			
		Braemar ... ..	9-9	339	16.1	5.5	10.8	-0.7	23.3	12,14	1.6	16				51	93	8	16	13	12	0	0	0	0	0	0	0	0	0	6.89	115				
		Craigstone ... ..	9-9	91	15.1	7.6	11.3	-0.6	20.7	20	4.5	3.28			11.9	36	62	13	16	12	8	0	0	0	0	0	0	0	0	0	6.24					
		Dinnert ... ..	9-9	177	16.6	6.3	11.5		23.8	14	2.2	14			12.6	50		22	16	11	8	0	0	0	0	0	0	0	0	0						
		Fraserburgh ... ..	21-9	18																																
		Fyvie Castle ... ..	9-9	66																																
		Gartly ... ..	9-9	146	15.5	7.2	11.3		21.4	20	2.9	22				60		19	16	15	10															
		Inverurie Sewage Works ... ..	9-9	54																																
		Kincardine ... ..	9-9	77	16.4	7.6	12.0		22.6	14	3.3	14				41		18	16	11	9	0	0	0	1	2	0	0	0	0	6.33					
		Petterhead ... ..	9-9	171																																
		Stoneyhaven ... ..	9-9	L	15.5	7.4	11.5	-0.6	21.0	20	1.8	7				47		19	16	10	9	0	0	0	0	0	0	0	0	0	6.44	114				
		<b>ANGUS</b>																																		
		Aberbroath ... ..	9-9	28	15.2	8.5	11.9		119.61	14	6.3	7				68		17	16	13	10	0	0	0	1	0	1	0	0	0	6.11	96				
		Buddon Ness ... ..	9-9	5				-0.4	23.1	14	5.7	6.10			14.8	61	106	23	16	12	12	0	0	0	0	0	0	0	0	0	6.98	125				
		Dundee ... ..	9-9	45	17.4	8.5	12.9		21.0	14,20						59																				



[illegible]



JUNE 1974

DISTRICT COUNTY AND PLACE		MAX. TERMINAL 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 1961-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CM DEGREES C	100 CM DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1961-70 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	WIND DIRECTION IN DEG C	WIND SPEED IN DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1961-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
2 ENGLAND E & NE -CONTINUED																																
DURHAM		9 9	102	16.7	7.9	12.3	-0.9	23.0	20	-0.5	28	13.3	11.7	34	75	12	16	9	7	-	0	-	-	-	0	1	7	-	-	5.01	85	S
CLEVELAND		9 9	31	16.9	7.4	12.1	-	23.8	20	-0.4	28	-	-	29	6	9	7	9	6	0	0	0	0	0	1	2	-	-	5.22	-	-	
HARTBURN GRANGE		9 9	9	16.3	9.7	13.0	-0.7	20.1	1.19	-	28	-	-	51	17	17	9	8	6	0	0	2	0	0	0	0	0	0	5.56	-	-	
MARTON		9 9	46	17.0	8.7	12.9	-	23.5	20	1.5	28	13.4	11.7	33	-	6	16	13	7	0	0	0	0	0	0	0	0	0	5.07	-	-	
NORTH YORKSHIRE		9 9	34	18.4	-	-	-	25.2	20	-	-	-	-	39	86	9	7	11	8	0	0	0	0	0	0	0	0	0	-	-	-	
ASHKAM BRYAN		9 9	6	17.7	8.5	13.1	-	23.5	21	3.5	9	14.3	13.1	49	-	9	17	13	9	0	0	0	0	0	0	0	0	0	-	-	-	
CANWOOD		9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILEY		9 9	175	15.9	7.9	11.9	-	21.9	20	3.1	9.10	13.0	-	40	-	12	9	10	8	0	0	0	0	0	0	0	0	0	1.981	-	-	
HIGH MOUTHORPE		21-9	32	17.1	8.7	12.9	-	24.4	20	1.5	28	-	-	43	-	11	9	13	9	0	0	1	0	0	0	0	0	0	-	-	-	
LEEMING		9 9	395	-	6.7	-	-	-	-	2.5	6	-	-	79	-	16	8.16	12	11	0	0	0	2	0	0	0	0	0	-	-	-	
MALHAM TARN		9 9	44	17.7	7.2	12.5	-	23.7	20	1.5	28	-	-	35	-	10	9	11	8	0	0	1	0	0	0	0	0	0	-	-	-	
PICKERING		9 9	53	16.4	9.0	12.7	-	20.4	19	4.8	1	14.1	12.2	49	108	24	17	11	8	0	0	2	0	0	0	0	0	0	-	-	-	
SCARBOROUGH		9 9	203	16.1	7.7	11.9	-	20.8	20	4.1	10	12.1	-	40	-	11	17	15	10	0	0	0	0	0	0	0	0	0	-	-	-	
SILPHO MOOR		21-9	60	15.1	8.7	11.9	-	20.1	1.19	3.6	28	-	-	37	-	9	17	12	8	0	0	0	0	2	0	0	0	0	-	-	-	
WHITBY(COASTGUARD)		9 9	20	18.1	8.7	13.4	-	23.9	14.21	4.5	1	14.9	13.2	45	-	9	7	11	9	0	0	0	0	0	0	0	0	0	-	-	-	
YORK(HESLINGTON)		9 9	48	15.6	8.3	11.9	-	18.5	1.2.4	2.0	9	-	-	32	-	7	9	12	8	0	0	0	0	3	0	0	0	0	-	-	-	
HUMBERSIDE		9 9	3	18.2	8.6	13.4	-	23.9	20	3.4	5	-	-	41	-	15	17	12	11	0	0	1	0	0	0	0	0	0	-	-	-	
BRIDLINGTON		9 9	7	(17.3)	(9.6)	(13.5)	(-0.7)	21.5	5	4.5	9	-	-	41	83	14	17	8	6	-	-	-	-	-	-	-	-	-	5.96	89	-	
BRIGG		9 9	2	18.2	10.1	14.1	-0.5	22.9	20	5.9	9	15.8	-	48	96	15	17	13	10	0	0	0	0	1	0	0	0	0	-	-	-	
CLEETHORPE		9 9	12	15.7	10.1	12.9	-	20.7	5	4.9	10	-	-	31	-	14	17	8	6	0	0	0	0	3	1	0	0	0	-	-	-	
HULL		21-9	108	16.6	8.9	12.7	-	21.9	20	4.4	7.9	-	-	34	-	11	16	13	7	0	0	0	1	4	0	0	0	0	-	-	-	
LINCOLNSHIRE		9 9	62	17.6	8.9	13.3	-0.9	22.3	20	4.2	5	15.7	14.1	77	152	27	17	12	9	0	0	1	0	3	0	0	0	0	-	-	-	
BINBROOK		9 9	7	18.0	8.5	13.3	-	23.7	20	3.2	5	14.2	12.3	59	-	13	17	13	10	0	0	1	0	5	0	0	0	0	-	-	-	
CRANWELL		9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LINCOLN		9 9	68	17.5	9.2	13.3	-1.0	22.7	20	5.1	1	-	-	54	-	14	16	13	10	0	0	1	0	5	0	0	0	0	-	-	-	
SKEGNESS		21-9	108	16.6	8.9	12.7	-	21.9	20	4.4	7.9	-	-	34	-	11	16	13	7	0	0	0	1	4	0	0	0	0	-	-	-	
WADDINGTON		9 9	62	17.6	8.9	13.3	-0.9	22.3	20	4.2	5	15.7	14.1	77	152	27	17	12	9	0	0	1	0	3	0	0	0	0	-	-	-	
LONDON		9 9	7	18.0	8.5	13.3	-	23.7	20	3.2	5	14.2	12.3	59	-	13	17	13	10	0	0	1	0	5	0	0	0	0	-	-	-	
SKEGNESS		9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WADDINGTON		21-9	68	17.5	9.2	13.3	-1.0	22.7	20	5.1	1	-	-	54	-	14	16	13	10	0	0	1	0	5	0	0	0	0	-	-	-	
3 EAST ANGLIA																																
NORFOLK		21-9	17	17.8	9.6	13.7	-	22.0	1	1.8	1	-	-	32	-	9	26	12	10	0	0	0	0	3	0	0	0	0	-	-	-	
COLTISHALL		9 9	20	19.5	9.4	14.5	-	24.4	14.15	2.1	1	-	-	41	-	10	26	13	9	0	0	1	0	3	0	0	0	0	-	-	-	
COSTESSEY		22-5	54	(16.9)	(9.6)	(13.3)	(-0.8)	22.5	5	5.0	7	-	-	27	64	7	6	8	7	0	0	2	0	3	4	0	0	0	-	-	-	
CROMER		9 9	53	19.7	8.9	14.3	-	24.7	20	1.7	1	-	-	53	-	13	9	14	11	0	0	1	0	4	0	0	0	0	-	-	-	
EAST DEREHAM		21-9	4	15.3	10.7	13.0	-1.1	19.5	2	4.5	1	14.7	13.0	52	121	24	26	11	8	0	0	0	0	1	1	0	0	0	-	-	-	
GORESTON		9 9	23	18.5	9.4	13.9	-	23.5	16	3.8	1	-	-	45	-	23	17	11	7	0	0	0	2	3	0	0	0	0	-	-	-	
MARHAM		21-9	48	18.1	9.0	13.5	-	22.8	20	1.8	1	16.2	-	43	-	12	26	12	12	0	0	1	0	0	0	0	0	0	-	-	-	
MORLEY ST BOTOLPH		9 9	24	19.3	7.9	13.6	-	24.8	16	-0.9	1	13.8	11.7	55	-	17	17	13	10	-	0	-	-	-	-	2	2	0	-	-	-	
SANTON DOWNHAM		9 9	27	19.4	9.3	14.3	-	24.8	20	1.7	1	16.6	15.1	35	-	12	26	12	9	0	0	0	1	2	0	0	0	0	-	-	-	
SCOLE		9 9	3	17.8	9.4	13.6	-0.7	23.3	20	2.5	4	14.4	-	41	-	13	17	10	6	0	0	0	0	1	0	0	0	0	-	-	-	
TERRINGTON ST CLEMENT		9 9	44	18.6	9.1	13.9	-	23.7	16	4.9	4	-	-	59	-	20	16	11	10	0	0	0	0	2	0	0	0	0	-	-	-	
CAMBRIDGESHIRE		9 9	12	19.6	9.0	14.3	-0.8	24.6	22	3.5	1	15.5	13.8	57	121	22	26	11	6	0	0	0	0	1	0	0	0	-	-	-		
BOXWORTH		9 9	26	19.3	9.5	14.4	-	24.0	20.21	4.9	7	-	-	53	-	20	16	12	8	0	0	0	0	2	0	0	0	0	-	-	-	
CAMBRIDGE		9 9	2	18.7	9.2	13.9	-	24.5	16	4.8	1	-	-	45	87	10	16	12	8	-	0	-	-	-	-	-	-	-	-	-	-	
BOTANIC GARDENS		9 9	1	19.0	8.5	13.7	-	24.1	16	3.1	4	14.8	11.8	55	-	13	26	12	11	0	0	0	0	0	0	0	0	0	-	-	-	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY		9 9	40	18.3	8.9	13.6	-	23.5	16	2.4	1	14.4	13.4	52	-	18	16	13	7	0	0	0	0	2	0	0	0	0	-	-	-	
MARCH		9 9	73	18.2	9.4	13.8	-	22.7	14.16.20	5.1	9	-	-	87	-	45	16	13	9	0	0	2	0	4	0	0	0	0	-	-	-	
MEPAL		21-9	40	18.8	9.8	14.3	-	24.0	16	5.6	7	-	-	48	-	18	16	12	8	0	0	0	0	4	0	0	0	0	-	-	-	
MONKS WOOD		9 9	75	18.8	9.5	14.1	-	23.9	15	5.3	10	15.5	13.7	50	-	20	26	13	9	0	0	1	0	4	0	0	0	0	-	-	-	
WITTERING		9 9	4	20.3	8.6	14.5	-	26.5	15	1.2	1	-	-	29	-	6	26	12	9	0	0	0	0	0	0	0	0	0	-	-	-	
WYTON		21-9	50	19.2	9.5	14.3	-	23.8	15	4.2	1	-	-	57	-	22	26	14	9	0	0	1	0	4	0	0	0	0	-	-	-	
SUFFOLK		9 9	25	16.9	9.9	13.4	-0.6	21.0	29	3.4	1	14.8	15.3	38	93	15	26	12	7	0	0	1	0	3	1	0	0	0	-	-	-	
ALDEBROUGH		21-9	89	18.7	9.0	13.9	-	23.7	15	3.6	7	-	-	35	-	9	26	12	8	0	0	0	1	3	0	0	0	0	-	-	-	
BROOMS BARN		9 9	29	19.0	8.7	13.9	-	24.2	20	2.6	1	14.5	12.9	67	-	24	16	10	8	0	0	0	0	3	0	0	0	0	-	-	-	
EAST BERGHOLT		9 9	159	18.8	8.3	14.1	-	25.5	16	5.2	10	16.0	13.6	93	-	30	16	12	10	-	0	-	-	3	0	0	0	0	-	-	-	
HONINGTON		9 9	61	18.3	8.7	13.5	-1.0	23.3	20																							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL 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					AMOUNT (MM)	DATE															0-2 MM OR MORE	3-10 MM OR MORE
4 MIDLAND COUNTIES																															
WEST YORKSHIRE																															
BRADFORD ...	9 9	134	16.7	9.1	12.9	-0.8	23.9	20	5.6	14	13.5	11.9	56	106	12	8	12	8	0	0	1	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	0	0	0	0	0	0	0	0	5.56	96	-
HUDDERSFIELD																															
DAKES ...	21-9	232	17.0	8.6	12.8	-0.9	23.8	21	5.1	6	13.3	10.7	68	113	14	8	12	8	0	0	1	0	0	0	0	0	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	0	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	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	0	0	0	0	0	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	0	0	0	0	0	0	0	0
SOUTH YORKSHIRE																															
FINNINGLEY ...	21-9	10	18.9	9.2	14.1	-	24.3	21	3.4	9	-	-	56	-	21	17	11	10	0	0	0	0	0	0	0	0	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	0	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	0	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	0	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	0	0	0	0	0	0	0	5.49	-	-
MACKEWORTH ...	9 9	89	18.1	8.9	13.5	-	23.3	21	3.2	7	-	-	57	-	18	16	15	9	0	0	0	0	0	0	0	0	0	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	0	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	0	0	0	0	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	0	0	0	0	0	0	0	0	0
NEWTHORPE ...	9 9	58	17.8	9.1	13.5	-	23.3	20	3.8	4	-	-	63	-	30	16	13	8	0	0	0	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	0	0	0	0	0	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	0	0	0	0	0	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	0	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	0	0	0	0	0	0	0	5.84	-	5
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	0	0	0	0	0	0	0	0	0	0
PENKIRIDGE ...	9 9	101	17.8	8.7	13.3	-	24.4	21	3.2	6	-	-	38	-	11	16	12	8	0	0	0	0	0	0	0	0	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	0	0	0	0	0	0	6.19	-	-
LEICESTERSHIRE																															
CALDECOTT ...	9 9	52	18.8	8.4	13.3	-	23.3	20	2.0	1	-	-	54	-	17	16	11	8	0	0	0	0	0	0	0	0	0	0	6.32	-	-
NEWTOWN LINCOLN ...	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	0	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	0	0	0	0	0	0	0	5.87	94	-
OSWESTRY ...	9 9	174	16.6	9.1	12.9	-0.8	24.1	21	5.0	6	-	-	57	101	19	16	12	10	0	0	0	0	0	0	0	0	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	0	0	0	0	0	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	0	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	0	0	0	0	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	0	0	0	0	0	0	0	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	0	0	0	0	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	0	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	0	0	0	0	0	0	6.53	-	-
RUGBY ...	9 9	117	18.1	9.1	13.6	-1.0																									



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 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	DEW OR FROST ON GRASS	WIND DIRECTION ON 1000 FT LEVEL	WIND FORCE ON 1000 FT LEVEL	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
5 ENGLAND SE & CENTRAL S.																																
GREATER LONDON																																
BROMLEY ...	9 9	65	19.7	10.3	15.0	-0.5	25.0	15.20	5.0	10			74	17	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ENFIELD ...	9 9	17	20.0	10.6	15.3	-	25.6	15	5.8	10	15.3	12.7	68	21	26	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENWICH ...	9 9	7	20.0	10.9	15.5	-	25.4	20	6.4	1			68	17	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSTEAD ...	9 9	137	18.9	9.3	14.1	-0.8	25.4	20	4.5	10			62	120	16	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPTON ...	9 9	12	19.2	10.7	14.9	-0.8	24.9	15	6.5	10			70	17	26	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HEATHROW AIRPORT	21-9	25	20.1	10.7	15.4	-0.4	25.3	20.21	5	7			67	20	26	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENSINGTON PALACE	9 9	25	19.9	10.9	15.4	-0.7	25.8	20	5.9	10	16.1	14.2	67	132	17	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kew	21-9	6																														
PSYCHROMETER ...			19.3	9.8	14.5	-	25.0	20	4.0	5	14.8	13.0	62	133	19	26	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH WALL SCREEN			19.8	10.7	15.3	-0.6	25.1	20	6.7	10																						
LONDON WEATHER CENTRE																																
ST JAMES PARK	9 9	4	19.9	11.2	15.5	-0.7	25.5	15.20	6.0	10			63	123	15	26	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHGATE	9 9	67	(19.6)	(10.6)	(15.1)	(-0.3)	25.1	20	5.0	10	(14.6)		68	142	20	26	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WADDON	9 9	59	19.2	10.1	14.7	-0.6	25.0	20	5.5	10			76		15	26	13	9														
WILDSTONE																																
WILTSHIRE																																
BOSCOMBE DOWN	21-9	126	18.8	9.2	14.0	-0.5	24.9	15	3.2	10			91	193	28	26	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK	9 9	49	19.0	8.5	13.7	-	25.5	16	2.0	9			61		20	26	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LARKHILL	9 9	132	18.8	8.9	13.9	-0.4	25.1	16	3.9	10			88	184	32	26	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM	21-9	145	18.1	9.7	13.7	-0.6	24.6	21	4.2	10			64		25	26	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTRON	9 9	110	19.0	8.2	13.6	-0.6	25.0	21	2.1	10	14.7		86	180	23	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
UPAVON	21-9	179	18.8	9.0	13.9	-	25.2	21	3.6	10			100		29	26	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																																
EASTHAMPSDEAD	9 9	77	19.2	8.1	13.7	-	25.2	16	1.2	4	14.5	13.0	74		21	26	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FINCHAMPSDEAD	9 9	65																														
HURLEY	9 9	43	19.1	9.3	14.2	-	24.8	16	3.7	5	15.4		93		39	16	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
READING	9 9	66	19.0	9.6	14.3	-	25.0	16	5.0	7.9	14.6	12.7	76		20	26	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD	9 9	61	19.4	9.3	14.3	-0.6	25.8	16	4.7	7			49	104	13	16	11	9														
SURREY																																
MICKLEHAM	9 9	55	19.0	8.5	13.7	-0.6	24.2	15	3.0	10	15.6	13.4	73		19	25	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WISLEY	9 9	35	19.6	9.3	14.5	-0.7	25.4	15	4.5	4	15.7	13.9	75		22	26	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KENT																																
DOVER	9 9	6	17.6	11.5	14.5	-0.2	22.3	15	5.8	1	15.6	14.3	70		17	16	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNGENESS	9 9	3	17.3	11.5	14.4	-	22.6	11	4.7	10			35		9	25	13	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING	9 9	37	19.3	9.7	14.5	-0.2	24.0	14	3.7	1.5	14.8	13.3	47		17	26	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ELMSTONE	9 9	5	16.7	9.2	13.9	-	22.3	18	1.0	1			46		10	26	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FAVERSHAM	9 9	48	18.5	9.7	14.1	-	25.4	14	4.5	5	15.3	14.0	38		10	25	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE	9 9	31	17.8	10.2	14.0	-	22.0	15	2.8	1			62	155	11	8	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM	9 9	4											45		13	27	10	6														
GOODHURST	9 9	85	18.8	9.4	14.1	0.0	24.0	14	3.8	10			85	163	33	27	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HADLOW COLLEGE	9 9	30	19.4	9.3	14.3	-	24.1	14	3.5	5	15.7	13.4	50		19	26	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY	9 9	31																														
MANSTON	21-9	44	17.9	10.6	14.3	-	21.9	5	5.6	1			47		9	26	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARGATE	9 9	16	17.1	11.3	14.2	-0.9	21.9	5	6.7	7	15.7	14.3	42		9	26	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THROWLEY	9 9	150																														
ULCOMBE	21-9	47	19.0	9.3	14.1	-	23.6	14	3.4	7			42		16	26	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WHITSTABLE	9 9	3																														
WYE	9 9	56	18.4	9.7	14.1	-0.6	22.1	16	3.9	1	14.6	13.2	52	115	10	7	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAMPSHIRE																																
ALICE HOLT LODGE	9 9	115	18.8	9.0	13.9	-0.6	24.5	16	4.3	9			77		29	25	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EVERTON	9 9	16	18.5	10.1	14.3	-	25.3	14	4.9	10			95		22	27	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HAYLING ISLAND	9 9	4	18.9	11.3	15.1	-	25.1	14	6.9	10			49		20	25	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LECKFORD	9 9	117	18.5	8.8	13.7	-0.6	24.0	15	2.0	7	13.6		121	242	26	26	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG SUTTON	9 9	145	18.7	9.2	13.9	-	24.2	16	5.0	10	16.4	13.3	80		21	25	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MARTYR WORTHY	9 9	84	19.3	8.7	14.0	-	25.4	21	3.0	9.10			89		26	25	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHAMPTON																																



DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL H (GMT) 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 (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE																																																														
7A ENGLAND NW & I.D.M.																																																																																	
CUMBRIA																																																																																	
CARLISLE ...	21-9	26	17.4	8.3	12.9	-	-	26.4	21	1.7	28	-	-	47	-	9	9	12	9	0	0	3	9	2	0	0	2	-	0	7.63	-	-																																																	
CARTMEL ...	9-9	34	17.7	7.9	12.8	-	-	24.7	21	2.4	28	-	-	64	-	14	5	12	10	0	0	0	0	0	0	0	2	-	0	-	-																																																		
GRIZEDALE ...	9-9	31	17.4	5.3	11.3	-	-	24.8	21	0.6	28	13.2	-	68	-	13	18	12	12	0	0	0	0	0	0	0	29	-	0	-	-																																																		
HEVERSHAM ...	9-9	90	18.4	8.3	13.3	-	-	25.5	21	3.0	9	-	-	75	-	18	30	12	11	0	0	0	0	0	0	0	2	-	0	-	-																																																		
MOOR HOUSE ...	9-9	556	12.8	4.2	8.5	-	-	20.4	21	-4.8	28	9.3	-	118	-	27	30	14	11	1	0	3	0	0	0	1	11	-	0	5.99	-																																																		
NEWTON RIGG ...	9-9	171	17.5	7.1	12.3	-0.8	-	25.2	21	0.6	28	14.4	-	50	-	11	30	12	11	0	0	0	0	0	0	0	3	-	0	7.79	128																																																		
SELLAFIELD ...	9-9	13	16.9	9.3	13.1	-	-	24.0	21	4.1	28	-	-	47	-	9	7	11	9	0	0	0	0	0	0	0	1	-	0	7.94	-																																																		
LANCASHIRE																																																																																	
BALLRIGG ...	9-9	53	17.1	9.1	13.1	-	-	24.8	21	4.6	10	-	-	74	-	17	30	11	11	0	0	1	1	1	0	0	3	-	0	7.99	-																																																		
HELMSHORE ...	9-9	260	15.9	8.2	12.1	-	-	22.9	21	4.5	6	12.8	-	89	-	15	5	11	11	0	0	0	0	0	0	0	0	-	0	6.49	-																																																		
KIRKHAM ...	9-9	24	17.4	8.5	12.9	-	-	25.2	21	1.3	10	-	-	65	-	18	30	12	9	0	0	0	0	0	0	0	4	-	0	7.94	-																																																		
MORECAMBE ...	9-9	7	18.5	10.6	14.5	+0.1	-	26.2	21	7.1	10	-	-	49	-	71	12	5	11	10	0	0	0	0	0	0	0	-	0	8.11	121																																																		
NELSON ...	9-9	165	16.3	6.7	11.5	-1.7	-	22.6	20	0.2	5	13.4	11.1	69	-	12	5	11	10	0	0	0	0	0	0	0	0	-	0	6.22	109																																																		
PRESTON ...	9-9	33	17.5	9.4	13.5	-	-	25.1	21	3.8	10	-	-	72	-	102	15	15	11	11	0	0	0	0	0	2	-	0	-	-																																																			
SLAIBURN ...	9-9	192	16.4	7.7	12.1	-	-	23.0	21	3.3	5	-	-	111	-	117	30	12	11	0	0	0	0	0	0	0	0	-	0	7.12	-																																																		
SQUIRES GATE AIRPORT	21-9	10	17.6	9.3	13.5	-0.4	-	26.8	21	4.0	5	-	-	53	-	14	30	12	8	0	0	1	0	1	0	0	0	-	0	8.17	111																																																		
STONYHURST ...	9-9	115	(17.4)	(8.5)	(12.9)	(-0.8)	-	25.5	21	4.0	10	-	-	(72)	-	(91)	22	16	10	10	0	0	-	0	0	0	0	-	0	(7.81)	(113)																																																		
MERSEYSIDE																																																																																	
ATGURTH ...	9-9	12	17.8	10.2	14.0	-	-	25.6	21	7.0	10	-	-	54	-	16	7	11	9	0	0	0	0	2	0	0	-	-	0	-	-																																																		
SOUTHPORT ...	9-9	5	17.4	9.2	13.3	-0.7	-	26.0	21	4.0	10	14.7	11.0	42	-	8	5	8	8	0	0	0	0	0	0	0	0	-	0	7.70	107																																																		
SPEKE AIRPORT ...	21-9	22	18.3	9.8	14.1	-0.7	-	25.4	21	5.7	10	-	-	49	-	14	7	14	9	0	0	1	0	3	0	0	0	-	0	6.66	101																																																		
WEST KIRBY PARK ...	9-9	8	18.2	10.2	14.2	-0.5	-	25.6	21	5.7	6	-	-	68	-	20	15	15	9	0	0	0	0	-	0	0	0	-	0	6.24	90																																																		
GREATER MANCHESTER																																																																																	
BOLTON ...	9-9	107	17.3	8.8	13.1	-	-	24.9	21	4.4	5	12.9	11.6	80	-	18	30	13	10	0	0	0	0	1	0	0	0	-	0	6.78	108																																																		
MANCHESTER																																																																																	
RINGWAY AIRPORT ...	21-9	75	17.7	9.9	13.8	-0.5	-	25.3	21	5.0	10	-	-	45	-	13	7	13	11	0	0	0	0	2	0	0	0	-	0	6.38	100																																																		
WEATHER CENTRE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																		
ROCHDALE ...	9-9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																		
CHESHIRE																																																																																	
KNUTSFORD ...	9-9	65	18.5	8.5	13.5	-	-	25.2	21	2.9	10	14.2	12.9	55	-	11	30	14	13	0	0	0	0	1	0	0	0	-	0	-	-																																																		
MACCLESFIELD ...	9-9	152	17.2	9.2	13.2	-1.0	-	23.9	21	5.2	10	-	-	62	-	14	7	15	13	0	0	0	0	2	0	0	-	-	0	-	-																																																		
NESS GARDENS ...	9-9	55	17.9	9.3	13.6	-	-	25.7	21	5.5	6	14.9	-	53	-	11	7	13	9	0	0	1	0	1	0	0	0	-	0	5.39	-																																																		
WINNINGTON ...	9-9	20	18.7	9.3	14.0	-1.3	-	25.5	21	6.0	7	-	-	50	-	11	7	14	9	0	0	0	1	2	0	0	0	-	0	-	-																																																		
ISLE OF MAN																																																																																	
DOUGLAS ...	9-9	87	15.9	9.6	12.7	-0.3	-	23.8	21	5.7	6	-	-	26	-	38	7	30	9	7	0	0	1	0	0	0	-	-	0	8.59	119																																																		
POINT OF AYRE ...	21-9	9	16.3	9.6	12.9	-0.8	-	20.8	21	6.6	6	-	-	31	-	62	11	7	12	6	0	0	0	0	0	0	-	2	-	0	8.50	118																																																	
RONALDSWAY AIRPORT	21-9	16	16.6	9.3	12.9	0.0	-	24.4	21	7.0	14	-	-	23	-	7	30	10	7	0	0	0	0	2	5	0	0	-	0	8.26	117																																																		
7B WALES N																																																																																	
GWYNEDD																																																																																	
BALA ...	9-9	163	16.8	7.8	12.3	-	-	24.4	21	1.0	5	13.8	12.7	63	-	15	16	12	10	0	0	0	0	2	0	0	41	-	0	6.06	-																																																		
BARDSEY ISLAND ...	21-9	16	15.4	10.8	13.1	-	-	24.6	21	7.6	6	-	-	12	-	4	1	8	5	0	0	0	0	0	0	0	0	-	0	-	-																																																		
BOTWNOG ...	9-9	34	17.4	10.1	13.7	-	-	25.8	21	5.5	6	15.5	13.5	18	-	7	5	7	5	0	0	0	0	0	0	0	0	-	0	6.90	-																																																		
PEN-Y-FFRIDD ...	9-9	84	17.9	9.2	13.5	-	-	27.2	21	4.5	5	-	-	42	-	13	7	9	7	0	0	0	0	0	0	0	2	-	0	7.47	-																																																		
TRAWSFYNYDD ...	9-9	193	(16.6)	(8.3)	(12.5)	-	-	25.0	21	4.3	7	-	-	73	-	15	7	13	13	0	0	0	0	0	0	0	1	-																																																					



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JUNE 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				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	0.2 MM OR MORE ON MORE OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST BELOW 10 CM C	CONCRETE MIN. BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE																																																				
			MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1841-70 AVERAGE	MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																																																																			
NORTHERN IRELAND																																																																																			
LONDONDERRY																																																																																			
AGHANLOO ...	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	0	0	1	0	0	0	0	0	0	0	0	0	0	-																																																			
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	0	0	0	0	0	0	0	0	0	0	0	5.95	100	-																																																			
COOLKEERAGH ...	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																			
DERRYNOYD FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																			
GARYVAGH 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	0	0	0	0	0	0	0	0	0	0	0	7	-	-																																																			
LOUGHMORE FOREST ...	9 9	174	16.1	6.6	11.3	-	23.7	21	1.4	28	-	-	65	-	16	30	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
MONEYDIO ...	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	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
SOMERSET FOREST ...	9 9	43	17.5	7.2	12.3	-	24.6	21	1.1	28	-	-	34	-	16	30	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
TRAOD POINT ...	9 9	16	17.3	7.9	12.6	-	26.2	21	3.2	11	-	-	31	-	10	30	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
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	0	0	0	0	0	0	0	0	0	0	0	0	6.56	113	-																																																		
ALTNAMINCH ...	9 9	226	14.9	7.1	11.0	-	22.5	21	2.5	28	-	-	72	-	20	30	16	13	0	0	0	0	0	0	0	0	0	0	0	0	6.10	-																																																			
BALLYLUMFORD ...	9 9	24	16.9	8.4	12.7	-	21.6	30	5.5	6	-	-	22	-	8	30	10	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																																			
BALLYMONEY ...	9 9	55	17.1	-	-	-	22.1	22	-	-	-	-	45	-	15	30	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
BALLYPATRICK FOREST ...	9 9	152	15.4	7.0	11.2	-	21.3	20	1.5	28	-	-	53	-	18	30	18	14	0	0	0	0	0	0	0	0	0	0	0	0	5.06	-																																																			
GREENMOUNT ...	9 9	32	17.2	7.0	12.1	-	23.6	21	1.9	11	14.6	-	41	-	14	30	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
KILROOT ...	9 9	22	16.6	8.3	12.5	-	21.4	23	4.4	10	-	-	35	-	13	30	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
LARNE ...	9 9	43	17.3	8.3	12.8	-	22.8	21	5.2	10	-	-	34	-	9	30	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
LISNAFILLAN ...	9 9	38	16.5	7.5	12.0	-	23.0	21	4.2	11.16	-	-	36	-	10	30	15	10	0	0	0	0	0	0	0	0	0	0	0	0	6.47	-																																																			
LONDOWNEY ...	9 9	271	14.4	6.7	10.5	-	20.8	21	3.3	4.27	11.2	-	57	-	17	30	16	13	0	0	0	0	0	0	0	0	0	0	0	0	5.91	-																																																			
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	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
WOODBURN NORTH ...	9 9	217	14.9	6.8	10.9	-	20.5	21	3.3	28	-	-	46	54	16	30	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
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	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
NEWTOWNABBEY ...	9 9	32	16.4	9.6	13.0	-	20.6	30	5.9	6	14.5	-	39	-	17	30	13	9	0	0	0	0	0	0	0	0	0	0	0	0	7.00	-																																																			
ROSCBANK ...	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	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
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	0	0	0	0	0	0	0	0	0	0	0	0	6.52	-																																																			
DOWN																																																																																			
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	52	-	28	30	13	7	-	-	-	-	-	-	-	-	-	-	-	-	7.44	-																																																			
COMBER CEMETERY ...	9 9	11	17.4	7.8	12.6	-	22.5	23	4.0	14	-	-	39	-	17	30	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	-																																																			
CRAIGTOWN 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	0	0	0	0	0	0	0	0	0	0	0	0	6.84	-																																																			
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	0	0	0	0	0	0	0	0	0	0	0	0	6.68	113																																																			
KILKEEL ...	21-9	18	15.6	8.8	12.2	-	22.4	21	5.6	6	-	-	24	-	6	30	10	10	0	0	0	0	0	0	0	0	0	0	0	0	7.24	-																																																			
KILLBOUGH ...	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	0	0	0	0	0	0	0	0	0	0	0	0	6.71	-																																																			
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	73	15	30	14	12	0	0	0	0	0	0	0	0	0	0	0	0	5.15	94																																																			
LOUGHGALL ...	9 9	25	16.8	7.9	12.3	-	24.3	21	4.7	8.10	-	-</																																																																							



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

HEIGHT OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION																																																														
		AT MSL (MB)	DIFFERENCE FROM 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 - 590M	1000 - 1500M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						SPEED (KT)						N	NE	E	SE	S	SW	W	NW																																											
								0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34																																												
								NUMBER OF OBSERVATIONS																																																																														
<b>0 SCOTLAND N</b>																																																																																						
<b>SHEPHERD</b>																																																																																						
LEARNICK	83	3	1012.8	-	8.1	0.7	9.9	91	6.2	0	4	4	13	7	2	0	0	1	2	2	1	2	5	9	8	0	0	1	8	20	1	1	3	1	3	1	3	6	3	4	3	8	3	3	3																																									
		9	1012.8	- 0.2	10.3	1.5	10.4	82	6.2	0	3	4	17	5	1	0	0	1	0	0	1	2	5	13	8	0	0	1	12	15	0	0	4	1	1	3	1	2	8	3	4	3	3	3	3																																									
		15	1013.1	-	11.3	1.9	10.6	79	5.8	0	4	6	16	4	0	0	0	0	0	1	4	1	12	12	0	0	0	4	13	13	0	0	4	1	1	3	1	2	7	3	5	5	6	5	6																																									
		21	1013.2	-	8.9	0.8	10.4	90	5.7	0	6	3	12	9	0	0	0	0	0	1	7	2	10	9	0	0	2	7	21	0	0	3	1	1	3	1	2	7	3	5	5	6	5	6																																										
<b>ORKNEY</b>																																																																																						
KIRKMALL	26	3	1013.3	-	8.8	0.5	10.6	93	5.9	0	4	5	11	9	1	0	0	1	0	0	2	3	15	6	0	0	0	10	17	3	3	0	4	2	2	6	3	5	5	4	4	3	4	3	4																																									
		9	1013.6	+ 0.2	11.4	1.4	11.1	82	6.3	0	2	3	18	6	1	0	0	0	1	0	0	2	6	12	9	0	0	3	17	10	0	0	6	1	1	2	2	5	5	5	6	5	5	5	5																																									
		15	1013.7	-	12.3	1.8	11.3	79	6.1	0	3	3	19	5	0	0	0	0	1	1	5	17	6	0	0	0	5	20	5	0	0	5	1	1	4	6	3	0	10	10	1	1	1	1																																										
		21	1013.7	-	9.9	0.9	10.9	89	5.7	0	4	6	15	4	1	0	1	0	0	1	0	2	6	12	8	0	1	10	17	2	3	0	4	3	3	5	1	11	1	4	3	4	3	4																																										
<b>CAITHNESS</b>																																																																																						
WICK	37	3	1013.5	-	8.6	0.7	10.2	90	5.8	1	5	3	12	8	1	0	1	0	1	1	1	4	6	9	7	0	0	7	22	1	1	2	2	2	2	7	1	9	5	8	5	8	5	7																																										
		9	1013.7	+ 0.1	11.3	1.7	10.6	79	6.5	0	1	4	20	4	1	0	0	1	0	0	0	3	2	13	11	0	0	16	14	0	2	3	1	9	4	0	3	5	7	8	5	7	8	5	7																																									
		15	1013.7	-	12.5	2.2	10.8	75	6.3	0	2	4	21	2	1	0	0	1	0	0	0	3	2	13	11	0	0	16	14	0	2	3	1	9	4	0	3	5	7	8	5	7	8	5	7																																									
		21	1013.7	-	10.2	1.1	10.7	85	6.2	1	3	0	22	4	0	0	0	0	0	2	2	5	10	11	0	0	0	16	14	0	2	3	1	9	4	0	3	5	7	8	5	7	8	5	7																																									
<b>SUTHERLAND</b>																																																																																						
CAPE WRATH	113	3	1012.7	-	9.6	0.5	11.2	94	6.2	1	1	7	9	10	2	0	2	0	0	0	0	0	18	10	0	1	6	19	4	1	2	3	4	3	8	2	3	8	2	3	8	2	3	8	2																																									
		9	1013.1	-	10.5	0.6	11.9	93	6.2	0	3	5	10	11	1	0	1	0	0	0	0	0	14	14	0	3	5	18	4	1	1	5	4	2	9	2	2	9	2	2	9	2	2	9	2																																									
		15	1013.7	-	11.1	0.6	12.2	92	5.9	0	2	9	9	9	1	0	1	0	0	0	0	2	14	11	0	3	8	17	2	0	1	7	0	1	4	0	14	2	2	14	2	2	14	2																																										
		21	1013.2	-	10.4	0.6	11.7	93	6.0	0	1	9	14	4	2	0	1	1	0	0	0	1	16	11	0	0	6	23	1	0	3	4	4	0	11	4	3	11	4	3	11	4	3	11	4																																									
<b>ROSS &amp; CROMARTY</b>																																																																																						
STORMWAY	5	3	1013.5	-	9.3	0.8	10.6	90	6.2	1	3	3	13	10	0	0	0	0	0	0	1	3	7	10	9	0	0	11	14	5	1	4	2	0	7	5	3	5	3	5	3	5	3	5	3																																									
		9	1013.7	+ 0.3	11.4	1.6	10.9	81	6.0	2	2	4	13	9	0	0	0	0	0	0	0	3	14	13	0	0	0	18	10	2	1	7	0	3	6	2	6	3	6	3	6	3	6	3																																										
		15	1013.7	-	12.6	2.0	11.3	77	5.4	1	5	3	18	3	0	0	0	0	0	0	0	2	14	14	0	0	0	20	10	0	1	8	0	2	6	5	7	5	7	5	7	5	7	5	7																																									
		21	1013.6	-	10.6	1.1	11.0	86	5.5	0	4	8	14	4	0	0	0	1	0	0	0	6	11	10	0	1	10	18	1	1	7	0	2	6	5	7	5	7	5	7	5	7	5	7																																										
<b>INVERNESS-SHIRE</b>																																																																																						
BENBECULA	7	3	1013.7	-	9.7	0.8	10.8	89	5.0	3	6	4	13	4	0	0	0	0	0	0	1	1	4	9	15	0	0	13	14	3	1	4	3	1	6	4	6	2	2	6	2	2	6	2																																										
		9	1013.9	+ 0.4	12.4	1.9	11.2	78	4.9	2	8	2	14	4	0																																																																							



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

JUNE 1974

[illegible]



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	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	WET BULB DEGREES C	VAPOR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OCTAS						BEAUFORT FORCE						SPEED (KT)																		
										0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	10 OR MORE	6-7	4-5	1-3	CALM	N	NE	E	SE	S	SW	W	NW		
NUMBER OF OBSERVATIONS																																								
3 EAST ANGLIA -CONTO. ESSEX																																								
SNOEBURNNESS	5	9	1016.0	-1.2	14.8	2.0	13.3	79	6.4	1	1	5	9	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		15	1015.3	-	16.9	3.2	13.3	69	5.5	0	5	6	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
		21	1015.8	-	14.0	1.9	12.8	80	4.8	1	7	9	6	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
STANSTED	102	3	1015.5	-	10.1	0.6	11.5	92	5.7	1	7	1	9	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		9	1015.7	-1.3	14.0	2.1	12.4	77	5.8	1	2	9	8	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		15	1014.8	-	17.7	4.2	12.3	61	5.4	0	2	11	13	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
		21	1015.5	-	13.5	1.9	12.2	79	5.0	1	10	1	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
WALTON-ON-THE-NAZE	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
4 MIDLAND COUNTIES WEST YORKSHIRE																																								
HUDDESFIELD OAKES	235	3	1015.3	-	9.1	1.4	9.6	82	6.2	1	3	4	4	18	0	0	2	1	5	1	1	8	8	4	0	0	0	3	11	16	0	0	0	0	0	0				
		9	1015.8	-	12.4	2.1	10.9	75	6.6	1	0	5	11	13	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	16	9	0	0	0	0	0				
		15	1015.3	-	15.6	3.7	11.2	63	6.0	3	1	2	16	8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	4	2	1	0	0	0	0				
		21	1015.6	-	11.5	1.6	11.1	81	6.0	2	2	6	7	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	16	12	0	0	0	0	0				
WILSDEN	267	3	1016.1	-	8.5	0.9	9.9	88	6.3	0	3	5	8	13	3	0	1	1	1	1	2	22	1	0	0	0	0	0	0	5	20	5	1	6	2	1	0			
		9	1016.1	-	11.1	1.8	10.4	78	5.9	2	1	7	11	8	1	1	0	1	0	0	0	4	16	7	0	0	0	0	0	9	18	3	2	4	2	2	10	3		
		15	1015.8	-	13.9	3.1	10.7	67	5.5	1	5	6	8	10	0	0	0	0	0	0	0	5	18	7	0	0	0	0	1	15	15	1	1	1	1	2	10	2		
		21	1016.1	-	10.7	1.5	10.6	81	6.0	0	5	4	6	15	0	0	0	0	0	0	0	6	23	1	0	0	0	0	0	7	21	2	0	0	0	0	0			
SOUTH YORKSHIRE																																								
FINNINGLEY	15	3	1015.4	-	9.9	0.9	10.9	88	5.4	2	4	7	8	9	0	0	0	0	0	0	1	5	7	9	3	0	0	0	4	21	5	8	2	1	1	4	5	3		
		9	1015.7	-0.5	14.1	2.6	11.6	71	5.9	0	4	6	13	7	0	0	0	0	0	0	0	2	3	4	13	8	0	0	9	20	1	9	5	3	3	3	3			
		15	1015.1	-	17.3	4.2	11.8	60	5.6	0	5	4	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	18	0	0	3	7	4	2	1			
		21	1015.6	-	13.0	1.8	11.9	79	5.7	2	2	5	12	9	0	0	0	0	0	0	0	2	4	12	9	3	0	0	4	24	2	4	2	4	2	1	5	7	1	
NOTTINGHAMSHIRE																																								
WATNALL	119	3	1015.9	-	9.9	0.8	11.1	90	5.6	1	4	6	9	10	0	0	0	0	0	0	1	5	11	12	1	0	0	0	0	3	24	3	3	10	0	0	2	5	5	2
		9	1016.1	-0.2	13.4	2.1	11.7	76	6.1	0	4	5	10	11	0	0	0	0	0	0	2	1	9	12	6	0	0	0	0	12	18	0	3	6	4	0	1	5	9	2
		15	1015.5	-	16.4	3.3	12.5	67	6.0	0	3	6	13	8	0	0	0	0	0	0	0	1	4	13	10	2	0	0	0	18	12	0	1	9	4	0	0	6	6	1
		21	1016.0	-	12.5	1.5	12.1	82	5.8	1	5	4	12	8	0	0	0	0	0	0	0	2	11	13	4	0	0	0	0	6	23	1	0	9	5	1	1	2	10	1
SALOP																																								
SHAMSBURY	76	3	1015.8	-	9.9	0.8	11.1	89	5.7	1	5	4	10	10	0	0	0	0	0	0	0	5	6	10	7	2	0	0	0	3	24	3	3	5	7	1	1	4	6	2
		9	1016.2	-0.3	13.5	2.3	11.7	75	6.1	1	2	6	13	8	0	0	0	0	0	0	0	1	7	8	9	5	0	0	0	9	21	0	3	4	1	5	3	2	1	
		15	1015.5	-	16.8	3.8	12.1	63	5.2	1	5	8	10	6	0	0	0	0	0	0	0	0	6	5	13	6	0	0	1	9	20	0	2	1	7	3	1	2	9	5
		21	1015.7	-	13.0	1.9	11.9	78	4.9	2	5	7	11	5	0	0	0	0	0	0	0	1	9	6	11	3	0	0	0	4	25	1	4	0	9	1	1	2	10	2
WEST MIDLANDS																																								
EDDASTON	185	9	1016.4	-0.4	12.9	2.3	11.0	74	6.2	1	2	4	13	10	0	0	0	0	0	0	1	0	14	7	8	0	0	0	0	6	23	1	3	4	6	0	0	4	6	5
		15	1015.4	-	16.6	4.2	11.2	59	5.5	0	6	6	12	6	0	0	0	0	0	0	0	0	7	12	10	1	0	0	0	7	23	0	3	3	10	1	1	4	5	5
		21	1016.0	-	13.9	2.5	11.7	73	5.9	0	5	4	13	8	0	0	0	0	0	0	0	1	8	13	6	1	0	0	0	3	26	1	2	3	10	1	1	3	7	2
ELMDON	100	3	1016.0	-	9.7	0.8	10.9	89	5.6	1	5	5	8	11	0	0	0	0	0	0	1	2	5	10	9	0	0	0	0	6	22	2	1	9	2	1	8	2	1	4
		9	1016.3	-0.4	13.5	2.4	11.4	73	6.1	1	2	5	12	10	0	0	0	0	0	0	0	0	0	11	10	8	1	0	0	8	22	0	2	8	1	3	1	6	5	4
		15	1015.4	-	17.1	4.2	11.7	60	5.5	0	5	7	10	8	0	0	0	0	0	0	0	0	0	1	18	5	6	0	0	12	17	0	0	6	7	1	1	5	8	2
		21	1015.9	-	13.3	2.0	11.9	77	5.8	1	5	3	13	8	0	0	0	0	0	0	0	0	0	6	13	11	0	0	0	6	24	0	0	11	4	0	4	3	7	1
HEREFORD & WORCESTER																																								
PERSHORE	36	3	1015.8	-	10.3	0.9	11.3	89	5.0	3	7	4	5	11	0	0	0	0	0	0	0	0	14	7	7	2	0	0	0	3	21	6	1	7	2	0	4	7	2	1
		9	1016.1	-	14.2	2.7	11.6	71	5.8	1	4	6	8	11	0	0	0	0	0	0	0	0	8	12	5	5	0	0	0	11	18	1	3	5	6	0	0	5	6	4
		15	1015.3	-	17.9	4.6	11.8	58	5.7	0	5	5	13	7	0	0	0	0	0	0	0	0	1	11	12	6	0	0	1	13	16	0	1	7	5	1	0	5	7	1
		21	1015.7	-	14.0	2.2	12.2	75	5.5	2	6	2	9	11	0	0	0	0	0	0	0	0	4	10	14	2	0	0	0	5	25	0	2	9	3	1	2	5	7	1
ROSS-ON-WYE	69	9	1015.9	-1.0	14.1	2.5	11.8	73	5.8	1	4	5	8	12	0	0	0	0	0	0	0	2	8	10	2	0	0	0	0	5	25	0	3	10	2	0	1	5	7	2
		15	1015.1	-	17.3	4.1	12.1	62	5.2	1	8	3	6	12	0	0	0	0	0	0	0	1	5	9	11	4	0	0	0	9	21	0	2	7	4	0	1	6	7	3
		21	1015.5	-	13.8	2.0	12.4	77	4.6	0	11	4	9	6	0	0	0	0	0	0	0	0	1	7	5	14	3	0	0	1	29	0	0	9	4	1	3	11	2	0
GLOUCESTERSHIRE																																								
GLOUCESTER	24	3	1016.0	-	11.4	0.9	12.2	89	5.2	0	10	2	8	10	0	0	0	0	0	0	0	1	9	12	7	1	0	0	0	4	19	7	4	6	0	0	1	9	3	0
		9	1016.4	-0.7	14.8	2.5	12.5	74	5.6	1	3	8	9	9	0	0	0	0	0	0	0	0	7	12	5	5	0	0												



[illegible]



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

HEIGHT OF BAROMETER ABOVE MSL (METRES)		HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																					
			AT MSL (INB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (INB)	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 OBSERVED	SPEED (KT)																
																										34 OR MORE	22-33	11-21	1-10	0												
																																							6-7	4-5	1-3	CALM
8A WALES S -CONTO- WEST GLAMORGAN																																										
MUMBLES HEAD	37	3	1016.0	-	12.4	1.3	12.4	85	5.2	3	5	4	7	11	0	0	0	0	0	0	2	14	10	4	0	3	11	13	3	4	3	5	1	5	8	0						
		9	1016.6	-	14.2	2.3	12.1	74	5.5	1	4	6	10	9	0	0	0	0	0	1	11	8	5	5	0	3	12	14	1	3	1	0	5	3	1							
		15	1016.3	-	15.6	2.7	12.8	73	5.4	2	3	5	12	8	0	0	0	0	0	1	10	6	7	0	4	16	9	1	1	0	5	7	11	1								
		21	1016.1	-	14.1	1.8	13.0	80	5.5	1	3	10	5	11	0	0	1	1	0	8	7	9	3	0	1	15	11	3	2	1	5	10	1	2								
SOUTH GLAMORGAN																																										
RHOOSE	69	3	1015.8	-	10.8	0.9	11.6	89	4.9	2	8	3	9	8	0	0	0	0	1	2	6	13	7	1	0	0	6	21	3	1	7	6	2	0	1	6	4					
		9	1016.3	-1.0	13.9	2.5	11.8	73	5.2	1	4	9	3	7	0	0	0	0	3	8	7	8	4	0	0	14	16	0	0	6	5	1	3	4	5							
		15	1015.7	-	16.8	3.8	12.2	64	4.8	1	6	8	7	8	0	0	0	0	1	4	13	9	3	0	1	18	11	0	0	3	7	1	1	2	14	2						
		21	1015.8	-	13.3	1.8	12.2	80	5.0	0	10	3	8	9	0	0	0	0	0	2	8	9	9	2	0	0	9	21	0	0	6	5	1	2	1	11	4					
8B ENGLAND SW AVON																																										
FILTON	61	3	1015.9	-	11.4	1.1	11.7	86	4.6	4	8	3	3	12	0	0	0	0	0	2	9	10	9	0	0	4	22	4	1	6	4	1	5	4	4							
		9	1016.3	-1.0	14.4	2.8	11.6	71	5.2	1	4	9	8	8	0	0	0	0	1	5	10	6	8	0	0	1	13	16	0	4	5	8	1	2	7	1						
		15	1015.6	-	17.6	4.3	12.0	61	5.1	0	7	6	10	7	0	0	0	0	0	3	8	12	9	0	0	20	10	0	0	8	4	0	2	3	12	1						
		21	1015.9	-	14.5	2.3	12.5	75	5.4	1	5	6	9	9	0	0	0	0	0	1	5	10	9	5	0	0	8	22	0	0	10	2	1	5	9	3						
SOMERSET																																										
YEOVILTON	23	3	1016.0	-	11.0	0.9	11.8	89	4.8	0	9	8	2	11	0	0	0	0	0	3	13	9	5	0	0	0	3	17	10	1	4	4	0	3	4	0						
		9	1016.1	-	14.8	2.6	12.1	72	5.5	2	3	9	6	10	0	0	0	0	0	7	11	12	0	0	0	16	10	0	4	2	7	3	1	0	3	6						
		15	1015.6	-	18.1	4.3	12.4	60	5.6	0	4	8	15	5	0	0	0	0	0	3	9	15	3	0	1	17	11	1	2	4	5	2	4	1	3	8						
		21	1015.9	-	14.6	2.2	12.9	77	4.7	2	5	12	3	8	0	0	0	0	0	1	8	6	15	0	0	0	7	15	8	2	4	6	0	3	5	2						
DORSET																																										
HURN	11	3	1015.9	-	10.5	0.6	11.9	93	4.3	4	7	7	2	10	0	0	1	0	0	6	8	7	7	0	0	0	3	24	3	5	5	2	0	2	5	4						
		9	1016.0	-	15.1	2.6	12.5	73	5.5	2	3	9	12	8	0	0	0	0	0	3	7	8	12	0	0	10	20	0	5	6	5	0	2	3	6							
		15	1015.7	-	17.8	4.2	12.5	61	5.0	1	6	7	7	9	0	0	0	0	0	1	10	8	11	1	0	1	15	14	0	2	4	1	2	6	7							
		21	1016.0	-	14.0	1.7	13.0	81	5.2	0	8	6	7	9	0	0	0	0	0	1	1	14	4	9	1	0	6	23	1	2	6	1	1	2	5	9						
PORTLAND BILL. C.O.																																										
54	3	1015.9	-	12.1	0.5	13.3	93	4.8	2	7	6	3	11	1	0	1	0	0	2	3	10	9	4	1	0	3	13	13	1	4	2	10	0	1	3	5						
		9	1016.4	-	13.8	1.1	13.8	87	5.7	2	3	5	9	10	1	0	1	0	5	9	9	5	0	0	1	18	10	1	0	2	11	1	2	1	7							
		15	1016.3	-	15.2	1.6	14.3	83	4.7	4	5	6	5	8	2	0	0	1	1	0	3	7	6	12	0	0	3	19	8	0	1	0	6	4	2	1						
		21	1016.3	-	13.3	0.8	13.9	91	5.0	1	8	4	7	9	1	0	1	0	1	4	10	7	7	0	0	2	16	12	0	2	2	6	1	0	2							
DEVON																																										
CHIVENOR	7	3	1015.9	-	11.6	0.9	12.3	89	4.6	4	7	5	5	8	1	0	0	0	1	6	12	6	4	0	0	4	22	4	1	0	13	3	2	1	4							
		9	1016.5	-1.0	14.7	2.5	12.4	73	5.5	1	5	6	12	6	0	0	0	0	0	6	7	9	8	0	0	14	15	1	3	0	7	5	1	4								
		15	1016.3	-	16.9	3.2	13.2	69	5.3	0	7	4	12	7	0	0	0	0	0	7	4	12	7	0	0	1	19	8	2	1	1	3	6	1	1							
		21	1016.2	-	13.8	1.5	13.2	84	5.0	2	5	7	10	6	0	0	0	0	0	1	6	7	11	5	0	0	6	20	4	1	2	4	2	1	5							
EXETER																																										
38	3	1015.9	-	11.1	0.7	12.2	91	5.6	1	5	5	8	10	1	0	2	0	0	1	13	5	8	0	0	0	2	26	2	3	9	3	0	5	1	3							
		9	1016.3	-1.3	14.7	2.2	12.8	77	5.7	1	5	5	10	9	0	0	0	0	0	7	6	9	7	0	0	13	17	0	5	4	3	3	3	1								
		15	1016.0	-	17.2	3.3	13.5	69	5.7	1	5	3	14	7	0	0	0	0	0	3	8	8	11	0	1	14	15	0	1	3	1	4	9	0								
		21	1016.3	-	13.7	1.4	13.3	84	5.1	1	8	3	9	9	0	0	0	0	0	1	9	3	14	3	0	0	3	27	0	2	2	1	4	5	6							
HARTLAND POINT																																										
93	3	1015.4	-	12.2	0.8	12.9	90	5.0	2	5	8	7	8	0	1	0	0	1	0	2	13	9	4	0	4	11	12	3	4	2	7	0	1	5								
		9	1016.2	-	13.5	1.6	12.8	82	5.7	1	3	7	13	6	0	0	0	1	0	1	5	10	8	5	0	3	12	14	1	3	5	8	0	1								
		15	1016.1	-	14.6	1.9	13.2	80	5.1	2	6	6	8	7	1	1	0	0	0	4	12	5	8	0	2	14	12	2	2	4	5	0	1									
		21	1015.8	-	13.2	1.3	13.0	86	5.7	1	2	8	6	13	0	0	0	0	0	6	15	4	5	0	4	10	14	2	2	4	5	1	0									
MOUNT BATTEN																																										
28	3	1015.8	-	12.2	0.9	12.7	89	5.4	1	2	12	6	9	0	0	1	0	0	1	12	6	8	2	0	0	7	20	3	0	4	9	0	1	6								
		9	1016.3	-1.5	14.7	2.2	12.9	77	5.6	3	3	13	8	0	0	0	1	0	0	3	4	11	5	6	0	8	22	0	2	2	9	2	1	6								
		15	1016.2	-	16.0	2.9	12.9	72	5.5	1	7	1	12	9	0	0	0	0	0	2	5	8	6	0	3	16	11	0	2	0	8	0	3									
		21	1016.3	-	13.5	1.4	13.1	84	5.3	2	6	6	3	13	0	0	0	1	1	1	8	6	10	3	0	7	22	1	4	0	7	1	5									
PRAWLE POINT																																										
-	3	-	-	-	-	-	-	4.7	7	4	4	3	11	1	0	2	0	2	1	3	4	12	6	0	0	5	15	7	3	1	2	8	1	1								
		9	-	-	-	-	-	5.4	2	3	8	8	7	2	0	1	1	0	1	7	13	6	0	3	3	15	7	2	0	3	11	0	0									
		15	-	-	-	-	-	5.1	2	5	7	8	9	1	1	1	0	1	2	0	9	11	5	0	2	4	18	4	2	0	0	11	0	0								
		21	-	-	-	-	-	5.2	4	3	6	4	11	2	0	3	0	3	1	0	6	10	7	0	0	4	15	7	4	4	1	6	1	0								
CORNWALL																																										
GHEWRAP HEAD	70	3	1015.5	-	12.0	0.4	13.4	96	4.9	4	5	4	7	7	3	0	2	1	1	0	7	6	11	2	0	3	15	9	3	3	4	8	1	0								
		9	1016.0	-	13.5	0.6	14.4	93	4.9	3	6	4	8	6	3	0	2	1	0	0	2	9	6	5	0	4	14	10	2	5	2	6	3	1								
		15	1016.1	-	14.5	1.2	14.4	88	5.3	0	8	5	5	11	1	1	0	0	0	3	10	7	6	3	0	6	11	12	1	4	2	5	0									
		21	1015.9	-	12.6	0.5	13.7	94	5.2	1	7	6	5	10	1	0	1	0	1	1	9	8	7	2	0	5	13	11	1	4	5	8	1	0								
ST MARGAN																																										
107	3	1016.0	-	12.0	0.8	12.7	90	5.4	1	6	5	7	10	1	0	0	2	1	1	3	7	5	9	2	0	1	12	14	3	4	0	7	2	2								
		9	1016.5	-1.1	14.2	1.6	13.4	83	5.8	1	3	6	11	9	0	0	1	0	1	0	5	9	4	0	0	17	10	2</														



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

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STATION	MAXIMUM °C								STATION	MAXIMUM °C								MINIMUM °C							
	0-0 OR LESS	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	15-1 TO 20-0	20-1 TO 25-0	25-1 TO 30-0	ABOVE 30-0		0-0 OR LESS	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	15-1 TO 20-0	20-1 TO 25-0	25-1 TO 30-0	ABOVE 30-0	-15-0 OR LESS	-14-9 TO -10-0	-9-9 TO -5-0	-4-9 TO 0-0	0-1 TO 5-0	5-1 TO 10-0	10-1 TO 15-0	ABOVE 15-0
LERWICK (PSYCHROMETER)	0	0	2	24	4	0	0	0	0	0	0	0	8	16	6	0	0	0	0	0	0	0	16	14	0
LERWICK (SCREEN)	0	0	1	24	5	0	0	0	0	0	0	0	4	13	13	0	0	0	0	0	0	3	11	15	1
STORNOWAY	0	0	0	20	10	0	0	0	0	0	0	0	2	23	5	0	0	0	0	0	0	0	10	19	1
CRAIBSTONE	0	0	0	16	12	2	0	0	0	0	0	0	4	25	1	0	0	0	0	0	0	0	10	20	0
ROTHESAY	0	0	0	10	15	4	1	0	0	0	0	0	1	15	14	0	0	0	0	0	0	0	9	21	0
ABBOTSINCH	0	0	0	3	18	8	1	0	0	0	0	0	4	14	12	0	0	0	0	0	0	3	20	7	0
ESKDALEMUIR (PSYCHROMETER)	0	0	1	14	13	2	0	0	0	0	0	0	2	8	17	3	0	0	0	0	0	0	12	18	0
ESKDALEMUIR (SCREEN)	0	0	1	13	12	4	0	0	0	0	0	0	1	8	18	3	0	0	0	0	0	0	12	18	0
DOUGLAS	0	0	0	13	16	1	0	0	0	0	0	0	0	12	18	0	0	0	0	0	0	4	12	14	0
ACKLINGTON	0	0	0	13	15	2	0	0	0	0	0	0	6	17	7	0	0	0	0	0	0	0	13	17	0
GORLESTON	0	0	0	15	15	0	0	0	0	0	0	0	1	7	22	0	0	0	0	0	0	1	23	6	0
CAMBRIDGE BOTANIC GARDENS	0	0	0	4	10	16	0	0	0	0	0	0	3	15	12	0	0	0	0	0	0	3	21	6	0
EDGBASTON	0	0	0	8	16	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEM (PSYCHROMETER)	0	0	0	0	3	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEM (NORTH-WALL SCREEN)	0	0	0	0	3	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HASTINGS	0	0	0	0	24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHAMPTON	0	0	0	2	15	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STONYHURST	0	0	0	11	10	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	20	7	0
RHYL	0	0	0	6	19	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	18	0
VALLEY	0	0	0	9	16	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	18	0
RHOOSE	0	0	0	9	13	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	12	14	0
FALMOUTH	0	0	0	10	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	17	0
ALDERGROVE	0	0	0	9	17	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	23	6	0
ARMAGH	0	0	0	9	16	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	21	6	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JUNE 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			34 KT OR MORE (GALE FORCE)					22-33 KT					11-21 KT				4-10 KT				LESS THAN 4 KT				HIGHEST HOURLY WIND				HIGHEST DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
			ABOVE 34 KT	ABOVE 30 KT	EFFECTIVE HEIGHT	DATES OF OCCURRENCE	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	WIND FROM NORTH	SPEED (KNOTS)	DAY	HOUR	WIND FROM NORTH	SPEED (KNOTS)	DAY AND TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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JUNE 1974

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# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

MET. O. 869  
JULY  
VOLUME 91

UDC 551 506 1(41-4)  
1974  
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 out-breaks 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

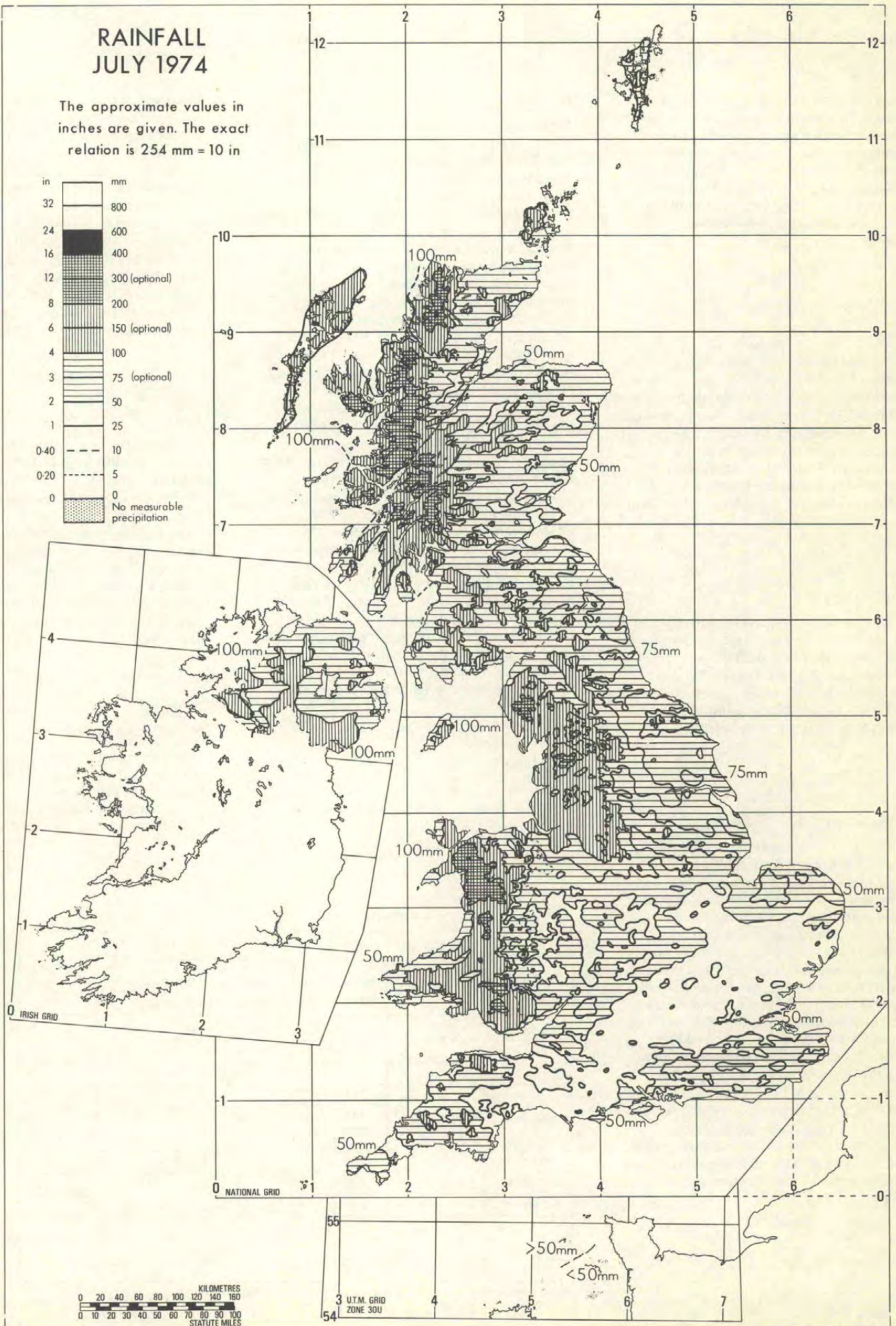
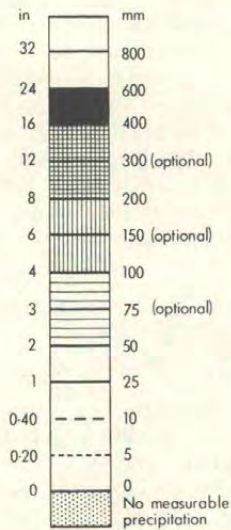
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	18.9	4.0	—0.5	—1.0	—0.7	—0.5	+7	106	95
1 Scotland E	23.4	5.2	—0.6	—0.7	—0.7	—0.3	+3	86	101
2 England E & NE	24.8	3.7	—0.8	—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.

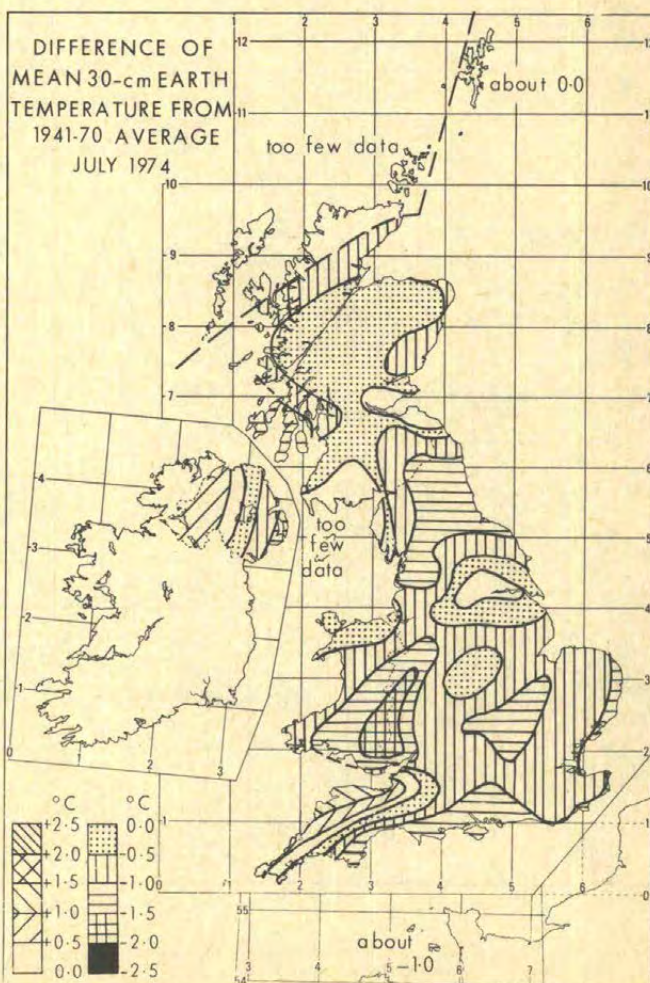
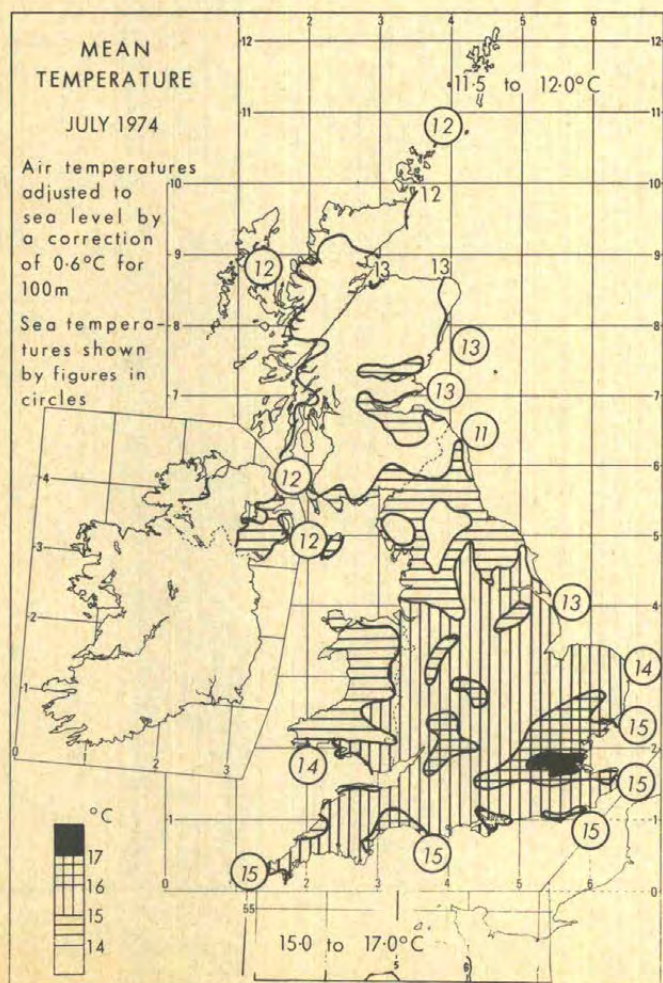
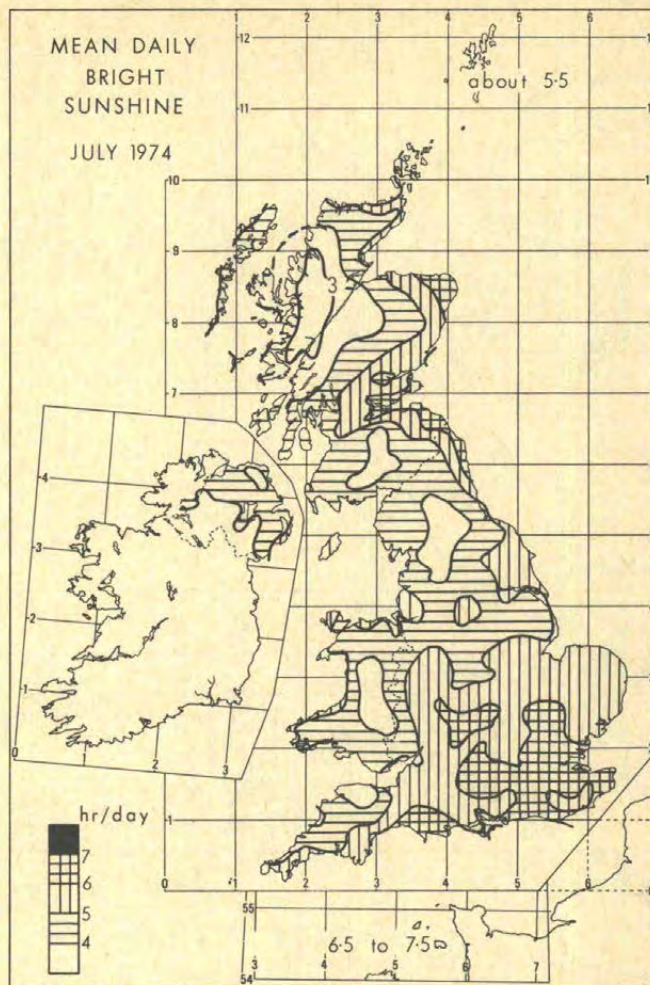
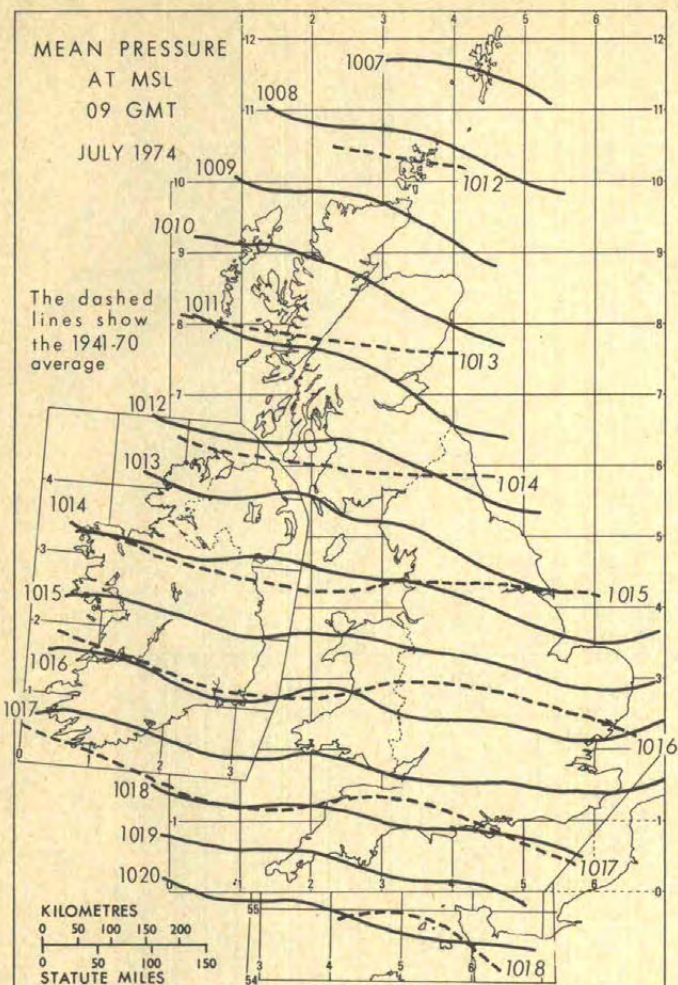


# RAINFALL JULY 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

[illegible]



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

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	AMOUNT (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WET DEW 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														
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARDS ...	9 9	37	15.8	8.9	12.3	-	17.9	6	3.3	24	-	-	182	-	26	5	30	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BENMORE (YOUNGER)																																
BOTANIC GARDEN ...	9 9	12	15.9	9.9	12.9	-	18.7	7	6.0	24	-	-	168	-	26	5	27	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GLENBARNETT ...	9 9	24	16.6	8.7	12.7	-	19.0	7	3.1	25	-	-	152	-	20	22	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KNAPDALE FOREST ...	9 9	40	15.4	9.6	12.5	-	18.6	7	4.0	24	-	-	151	-	20	15	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MACRIHANISH ...	21-9	10	15.8	10.8	13.3	-	19.1	21	5.3	24	-	-	76	-	20	4	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POLLOCH ...	9 9	10	15.8	9.4	12.6	-	18.3	7	4.8	4	-	-	236	-	34	5	27	27	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORT ELLEN ...	9 9	18	15.8	9.9	12.9	-	19.1	6	5.4	24	-	-	99	-	15	15	22	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHUVALL ...	21-9	20	15.2	10.3	12.7	-	18.2	19	8.0	4.5	-	-	86	-	12	25	20	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREE ...	21-9	9	15.1	10.2	12.7	-0.7	16.5	9	7.0	4	-	-	72	85	9	22	25	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DUNBARTON																																
ARROCHMORE ...	9 9	37	16.6	9.8	13.2	-	18.7	7	5.9	31	-	-	94	-	14	22	24	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CUMBERNAULD ...	9 9	94	16.9	9.0	12.9	-	19.3	7	4.0	24	-	-	94	-	16	16	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FINNART ...	9 9	15	16.4	10.5	13.5	-	18.0	13, 14, 18	6.0	24	-	-	131	-	21	5	24	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HELENSBURGH ...	9 9	89	15.8	9.3	12.5	-1.8	18.0	7	5.5	24	-	-	102	-	16	24	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SLOY ...	21-9	12	16.3	10.1	13.2	-	19.0	13	5.5	4	-	-	169	-	23	15	26	25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STIRLING																																
EARLS HILL ...	21-9	335	14.9	7.8	11.3	-	17.5	4	5.0	4	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALKIRK (SEWAGE WORKS)	9 9	3	17.9	10.4	14.1	-	20.4	7	6.9	31	-	-	54	-	16	15	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GRANDEMOUTH																																
B.P. REFINERY ...	9 9	2	18.1	10.8	14.5	-	20.5	7	7.5	26	-	-	65	-	33	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BARRHEAD ...	9 9	30	16.9	10.5	13.7	-	20.0	7	6.9	24	-	-	65	81	14	22	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREENOCK ...	9 9	61	16.0	10.5	13.3	-1.3	18.8	7	7.4	24	-	-	107	98	22	22	24	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	22	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LANARK																																
CAMPS RESERVOIR ...	9 9	295	14.8	8.4	11.6	-	18.2	7	4.0	17	-	-	78	-	13	15	28	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CARNWATH ...	9 9	208	16.1	7.9	12.0	-	18.6	7	0.5	30	13.4	-	63	-	11	4	17	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORTBRIDGE ...	9 9	78	16.3	9.8	13.1	-	18.0	7	6.0	24	-	-	61	-	10	15	18	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAWFORD JOHN ...	9 9	274	15.1	8.3	11.7	-	18.5	21	3.4	24	12.8	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST KILBRIDE ...	9 9	178	15.9	9.6	12.7	-	18.6	7	6.4	24	-	-	76	-	12	22	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LANARK ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEIGH HILLS ...	9 9	388	14.3	7.9	11.1	-	17.7	21	3.8	17	-	-	119	-	15	14	25	20	0	0	0	0	0	0								



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

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 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	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. DEG C	CONCRETE MIN. DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																					
2 ENGLAND E & NE -CONTINUED																															
DURHAM	9 9	102	18.2	9.8	14.0	-0.9	20.5	7	6.4	30	14.3	13.0	65	115	23	2	20	13	-	0	-	-	0	0	0	-	-	-	4.42	89	5
CLEVELAND	9 9	31	18.6	9.2	13.9	-	21.6	7	4.6	30	-	-	60	-	22	2	17	10	0	0	0	0	0	0	-	-	-	4.38	-	-	-
HARTBURN GRANGE	9 9	9	18.3	11.2	14.7	-0.8	21.6	20	8.0	2.24	-	-	56	-	21	2	9	8	0	0	0	0	0	0	-	-	-	5.05	-	-	-
HARTLEPOOL	9 9	46	18.6	10.5	14.5	-	22.2	20	7.0	30	14.7	13.0	78	-	23	14	20	12	0	0	0	0	0	0	-	-	-	4.08	-	-	-
MARTON	9 9	46	18.6	10.5	14.5	-	22.2	20	7.0	30	14.7	13.0	78	-	23	14	20	12	0	0	0	0	0	0	-	-	-	4.08	-	-	-
NORTH YORKSHIRE	9 9	34	19.2	-	-	-	23.2	22	-	-	-	-	63	118	11	2	16	13	0	0	0	0	0	0	-	-	-	4.92	-	-	-
ASHHAM BRYAN	9 9	34	19.2	-	-	-	23.2	22	-	-	-	-	63	118	11	2	16	13	0	0	0	0	0	0	-	-	-	4.92	-	-	-
CRAWOOD	9 9	6	19.1	10.4	14.7	-	23.0	22	6.7	18	15.6	14.7	69	-	11	31	15	11	0	0	0	0	0	0	-	-	-	4.92	-	-	-
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HIGH MOUTHORPE	9 9	175	17.4	9.4	13.4	-	22.1	22	5.8	19	13.9	-	69	-	14	2	14	10	0	0	0	0	0	0	-	-	-	5.06	-	-	-
LEEMING	21-9	32	18.8	10.7	14.7	-	21.5	8	6.1	23	-	-	68	-	19	2	17	10	0	0	0	0	0	0	-	-	-	4.91	-	-	-
MALHAM TARN	9 9	395	-	8.2	-	-	-	-	5.0	23	13.1	-	178	-	32	2	26	20	0	0	0	0	0	0	-	-	-	5.62	99	-	-
PICKERING	9 9	44	19.0	9.2	14.1	-	23.8	22	4.1	2	-	-	75	-	15	2	19	11	0	0	0	0	0	0	-	-	-	5.62	99	-	-
SCARBOROUGH	9 9	53	18.4	10.9	14.7	-	22.5	22	8.5	6	1.3	13.6	76	136	20	2	13	9	0	0	0	0	0	0	-	-	-	5.62	99	-	-
SILPHO MOOR	9 9	203	17.5	9.7	13.6	-	21.3	22	7.3	3.24	1.3	-	74	-	16	2	16	10	0	0	0	0	0	0	-	-	-	5.62	99	-	-
WHITBY (COASTGUARD)	21-9	60	17.4	11.0	14.2	-	22.0	22	9.0	6.23	-	-	37	-	12	2	17	8	0	0	0	0	0	0	-	-	-	5.62	99	-	-
YORK (HESLINGTON)	9 9	20	19.0	10.8	14.9	-	23.5	22	6.5	18	15.1	14.6	59	-	12	2	16	10	0	0	0	0	0	0	-	-	-	5.56	-	-	-
HUMBERSIDE	9 9	48	18.0	9.6	13.8	-	23.4	22	5.5	2	-	-	51	-	14	2	15	10	0	0	0	0	0	0	-	-	-	5.89	-	-	-
BRIDLINGTON	9 9	3	20.0	10.4	15.2	-	24.0	22	6.4	18	-	-	54	-	13	2.4	16	8	0	0	0	0	0	0	-	-	-	5.89	-	-	-
BRIGG	9 9	3	20.0	10.4	15.2	-	24.0	22	6.4	18	-	-	54	-	13	2.4	16	8	0	0	0	0	0	0	-	-	-	5.89	-	-	-
CLEETHORPES	9 9	7	18.0	10.4	15.2	-	24.0	22	6.4	18	-	-	54	-	13	2.4	16	8	0	0	0	0	0	0	-	-	-	5.89	-	-	-
HULL	9 9	2	20.0	11.9	15.9	-0.4	24.8	22	9.0	2	16.5	14.5	67	116	18	31	15	10	0	0	0	0	0	0	-	-	-	5.22	95	-	-
KILNSEA	21-9	12	18.4	11.6	15.0	-	24.0	22	7.6	25	-	-	41	-	13	2	13	7	0	0	0	0	0	0	-	-	-	5.22	-	-	-
LINCOLNSHIRE	9 9	108	18.5	10.2	14.3	-	23.5	22	7.0	14	-	-	61	-	14	4	13	9	0	0	0	0	0	0	-	-	-	4.84	-	-	-
BINDROOK	9 9	62	19.4	10.5	14.9	-1.0	23.6	21	7.4	18	16.8	16.1	63	112	19	4	14	8	0	0	0	0	0	0	-	-	-	4.84	-	-	-
CRANWELL	9 9	7	19.5	10.1	14.8	-1.1	24.1	22	3.7	18	15.5	14.0	86	-	32	4	12	10	0	0	0	0	0	0	-	-	-	4.55	-	-	-
LINCOLN	9 9	5	19.4	11.3	15.3	-0.6	24.5	21	7.5	2	-	-	41	72	14	30	9	8	0	0	0	0	0	0	-	-	-	5.10	84	-	-
SKEGNESS	9 9	5	19.4	11.3	15.3	-0.6	24.5	21	7.5	2	-	-	41	72	14	30	9	8	0	0	0	0	0	0	-	-	-	5.10	84	-	-
WADDINGTON	21-9	68	19.2	11.0	15.1	-0.8	23.7	21.22	8.1	2	-	-	100	-	39	4	13	11	0	0	0	0	0	0	-	-	-	5.09	86	-	-
3 EAST ANGLIA																															
NORFOLK	21-9	17	19.5	11.3	15.4	-	25.3	22	6.3	2	-	-	67	-	22	4	14	10	0	0	0	0	0	0	-	-	-	5.42	-	-	-
COLTISHALL	9 9	20	20.0	11.1	15.5	-	25.3	22	7.0	19	-	-	61	-	20	4	12	9	0	0	0	0	0	0	-	-	-	5.42	-	-	-
COSTESSEY	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CROMER	9 9	53	20.7	10.6	15.7	-	25.1	22	6.8	2	-	-	68	-	21	4	15	9	0	0	0	0	0	0	-	-	-	5.42	-	-	-
EAST DEREHAM	21-9	4	18.8	12.2	15.5	-0.6	24.6	22	8.6	2.25	15.9	14.2	58	105	16	4	12	8	0	0	0	0	0	0	-	-	-	5.32	81	-	-
GORLESTON	21-9	23	19.7	11.2	15.5	-	24.8	8	6.3	2	-	-	76	-	18	4	16	9	0	0	0	0	0	0	-	-	-	5.25	-	-	-
MARHAM	9 9	48	19.5	10.6	15.1	-	24.4	22	5.9	2	16.5	-	57	-	15	4	12	9	0	0	0	0	0	0	-	-	-	5.46	-	-	-
MORLEY ST BOTOLPH	9 9	24	20.0	9.5	14.7	-	24.5	8.22	1.3	2	15.2	13.6	65	-	17	4	13	10	0	0	0	0	0	0	-	-	-	5.23	-	-	-
SANTON DOWNHAM	9 9	27	20.2	11.3	15.7	-	25.5	22	6.4	2	16.9	16.1	48	-	13	4	14	11	0	0	0	0	0	0	-	-	-	5.32	-	-	-
SCOLE	9 9	3	19.3	10.4	15.1	-1.0	23.6	21	5.5	2	15.5	-	56	-	13	2	13	9	0	0	0	0	0	0	-	-	-	5.08	88	-	-
TERRINGTON ST CLEMENT	9 9	44	20.0	11.3	15.7	-	24.1	8	7.2	18.25	-	-	34	-	8	15	10	8	0	0	0	0	0	0	-	-	-	6.15	-	-	-
CAMBRIDGESHIRE	9 9	12	20.1	10.9	15.5	-1.2	24.5	8.21	5.5	19	16.6	15.0	31	52	7	13	13	9	0	0	0	0	0	0	-	-	-	6.95	115	-	-
BOXMOUTH	9 9	44	20.0	11.3	15.7	-	24.1	8	7.2	18.25	-	-	34	-	8	15	10	8	0	0	0	0	0	0	-	-	-	6.15	-	-	-
CAMBRIDGE	9 9	12	20.1	10.9	15.5	-1.2	24.5	8.21	5.5	19	16.6	15.0	31	52	7	13	13	9	0	0	0	0	0	0	-	-	-	6.95	115	-	-
BOTANIC GARDENS	9 9	26	20.1	11.1	15.6	-	25.0	8	7.0	18	-	-	40	-	13	25	12	6	0	0	0	0	0	0	-	-	-	6.95	115	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	2	20.2	10.8	15.5	-	24.5	8	6.6	19	-	-	55	97	23	2	14	9	0	0	0	0	0	0	-	-	-	5.43	-	-	-
MARCH	9 9	1	20.1	10.3	15.2	-	24.3	21	4.1	19	15.7	13.0	46	-	20	2	11	8	0	0	0	0	0	0	-	-	-	5.43	-	-	-
MEPAL	9 9	40	19.7	10.9	15.3	-	23.7	21	6.7	2.21	15.9	13.9	43	-	22	2	11	7	0	0	0	0	0	0	-	-	-	5.76	-	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

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		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	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															
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	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	-	-	-	-	
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	2	4.85	97	-
RAVENSKNOLW			9 9	99	18.8	11.5	15.1	-0.6	22.6	21	8.8	13.14	15.9	14.5	71	111	16	2	18	11	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	5.29	108	-
PONTEFRAC			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	-	-	-
WILSON ...			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	-	-	-
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	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	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	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	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	4.63	-	-
MACKWORTH			9 9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MORLEY ...			9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINGERWORTH			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	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	-	-	-
NEWTORPE			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	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	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	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	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	-	-	5
PENKRIIDGE			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	-	5
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	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	5.62	-	-
NEWTOWN LINCOLD			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	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	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	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	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	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	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	5.57	98	-
KING EDWARD SCHOOL			9 9	137	19.3	10.2	14.7	-	23.8	20	7.6	25	-	-	58	-	13	31	14	10	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	5.92	-	-
MORETON MORRELL			9 9	85	19.9	10.9	15.4	-	24.7	21	6.7	19	-	-	61	-	34	2	15	8	0	0	0	0	0	0	0	0	0	0	5.81	-	-
RUGBY ...			9 9	117	19.7	11.3	15.5	-0.6	23.8	21	7.4	25	16																				



DISTRICT COUNTY AND PLACE		MAX. TERMINAL H(GMT) 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	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND DIRECTION	WIND SPEED	WIND GUST	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
5	ENGLAND SE 4 CENTRAL S.																																
	GREATER LONDON																																
	BROMLEY ...	9	65	20.7	12.5	16.6	-0.7	25.0	21	7.0	25	-	-	47	-	11	24	12	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
	ENFIELD ...	17	17	20.9	12.9	16.9	-	25.6	21	8.9	19	16.7	14.2	25	-	6	2	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	
	GREENWICH ...	7	7	(20.9)	13.3	(17.1)	-	25.2	21	8.7	18	-	-	30	-	7	24	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	HAMPSTEAD ...	137	137	(19.7)	-	-	-	24.3	21	-	-	-	-	31	48	7	2	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	HAMPTON ...	12	12	19.9	12.6	16.3	-1.1	24.0	21	9.4	18	-	-	35	-	9	24	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	
	HEATHROW AIRPORT ...	21-9	25	20.8	12.5	16.7	-0.7	25.6	21	8.4	25	-	-	30	-	7	24	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	KENSINGTON PALACE ...	9	25	20.8	12.9	16.9	-0.8	25.4	21	9.4	18.19.25	17.4	15.5	35	56	7	2	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	KEN	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	PSYCHROMETER ...			20.1	12.0	16.1	-	24.3	21	5.8	19	16.1	14.5	34	58	9	24	12	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	NORTH WALL SCREEN ...			20.6	12.9	16.7	-0.8	25.0	21	8.6	2.19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LONDON WEATHER CENTRE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	ST JAMES PARK ...	9	4	20.8	13.1	16.9	-1.0	25.0	21	9.4	25	-	-	39	67	8	16	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SOUTHGATE ...	67	67	20.6	13.1	16.9	-0.2	25.3	9.21	9.4	25	16.1	-	28	44	7	2	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WADDON ...	59	59	20.4	11.8	16.1	-1.0	25.0	20.21	4.0	13	-	-	43	-	11	15	13	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WEALDSTONE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WILTSHIRE																																
	BOSCOMBE DOWN ...	21-9	126	19.3	10.8	15.1	-1.0	22.9	21	6.9	18	-	-	34	72	5	16	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	LACOCK ...	9	49	19.8	10.6	15.2	-	23.5	8	5.0	18	-	-	40	-	9	2	18	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	LARKHILL ...	9	132	19.3	11.0	15.1	-0.8	22.7	21	7.2	14	-	-	39	79	10	2	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	LYNEHAM ...	21-9	145	18.6	11.1	14.9	-1.0	22.4	21	7.6	18	-	-	52	-	10	2	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	PORTON ...	9	110	19.3	10.3	14.8	-1.0	22.9	21.30	5.4	18	15.5	-	32	66	6	16	12	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	UPAVON ...	21-9	179	19.3	10.8	15.1	-	23.8	21	7.0	25	-	-	39	-	8	2	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	BERKSHIRE																																
	EASTHAMPTON ...	9	77	19.7	10.8	15.3	-	24.4	21	4.2	18.25	15.9	14.4	40	-	8	24	14	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FINCHAMPTON ...	9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	HURLEY ...	9	43	(19.8)	(11.4)	(15.6)	-	24.2	21	6.7	2	(16.5)	-	35	-	7	24	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	READING ...	9	66	19.6	11.8	15.7	-	23.5	21	7.4	25	15.9	14.4	35	-	8	16	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SHINFIELD ...	9	61	(20.2)	(11.5)	(15.9)	(-0.6)	24.0	21	7.0	25	-	-	39	68	10	16	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	SURREY																																
	MICKLEHAM ...	9	55	20.1	10.7	15.4	-0.7	24.3	21	5.0	25	17.0	15.0	61	-	15	15	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WISLEY ...	9	35	20.4	11.6	16.0	-0.9	24.6	21	7.2	18.19	16.7	15.4	41	-	7	2	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	KENT																																
	DOVER ...	9	6	18.8	13.1	15.9	-0.8	24.2	20	9.3	14	17.2	16.0	60	-	13	23	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	DUNGENESS ...	9	3	18.4	12.8	15.6	-	25.1	20	7.8	18	-	-	57	-	18	24	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EAST MALLING ...	9	37	20.0	11.6	15.8	-0.7	24.0	8	5.2	19	16.2	14.9	53	-	13	2	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ELASTONE ...	9	5	20.4	11.5	15.9	-	24.1	21	6.2	2	-	-	58	-	10	24	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FAVERSHAM ...	9	48	20.3	11.7	16.0	-	23.8	8	6.6	2	16.7	15.5	50	-	12	24	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	FOLKESTONE ...	9	31	18.6	12.1	15.3	-	24.8	20	7.3	14	-	-	63	99	13	2	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GILLINGHAM ...	9	4	-	-	-	-	-	-	-	-	-	-	49	-	11	17	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	GOUDHURST ...	9	85	19.1	11.4	15.3	-0.8	24.1	20	5.0	18	-	-	74	122	18	24	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HADLOW COLLEGE ...	9	30	20.0	11.3	15.7	-	23.8	20	5.8	18	16.2	14.8	46	-	11	24	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HERNE BAY ...	9	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	MANSTON ...	21-9	44	19.9	12.0	15.9	-	23.6	8	8.4	12	-	-	59	-	10	2	11	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	MARGATE ...	9	16	19.8	12.5	16.1	-1.1	23.4	8	9.0	25	16.9	15.4	63	-	17	16	11	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	THROWLEY ...	9	150	19.0	10.6	14.8	-	22.2	21	6.7	7	15.5	13.9	60	-	10	24	13	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	ULCOMBE ...	21-9	47	19.8	10.8	15.3	-	23.9	20	6.2	2.7	-	-	56	-	9	24	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	WHITSTABLE ...	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	WYE ...	9	56	19.3	11.3	15.3	-1.2	23.1	20	6.2	2	16.0	14.8	73	124	17	2	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HAMPSHIRE																																
	ALICE HOLT LODGE ...	9	115	19.3	11.1	15.2	-0.9	23.7	21	6.5	18	-	-	62	-	11	2	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	EVERTON ...	9	16	18.8	11.7	15.3	-	24.5	20	7.8	25	-	-	44	-	10	12	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	HAYLING ISLAND ...	9	4	19.3	13.4	16.3	-	24.6	20	10.0	18	-	-	37	-	9	12	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	LECKFORD ...	9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	LONG SUTTON ...	9	145																														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	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	AMOUNT (MM)	DATE	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																
7A ENGLAND NW & I.O.M.																																		
CUMBRIA																																		
CARLISLE ...	21-9	26	17.7	10.6	14.1	-	19.8	31	4.8	30	-	-	80	-	13	2	20	15	0	0	0	0	0	0	0	0	0	0	0	0	4.35	-	-	
CARTMEL ...	9 9	34	17.0	10.3	13.7	-	19.3	8	3.0	24	-	-	149	-	25	15	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
GRIZEDALE ...	9 9	91	16.3	9.1	12.7	-	18.9	7	4.4	30	14.7	-	146	-	32	15	27	17	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
HEVERSHAM ...	9 9	30	17.9	10.5	14.2	-	20.1	16.20	6.2	17	-	-	137	-	31	15	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-	
MOOR HOUSE ...	9 9	556	13.4	7.1	10.3	-	15.9	7	2.3	2	10.4	-	154	-	29	2	27	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
NEWTON RIGG ...	9 9	171	17.3	9.9	13.6	-0.7	21.2	7	4.9	30	15.6	-	82	-	18	2	23	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SELLAFIELD ...	9 9	13	16.4	11.6	14.0	-	18.1	17	7.5	30	-	-	118	-	28	14	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
LANCASHIRE																																		
BAILRIGG ...	9 9	53	(16.5)	(11.3)	(13.9)	-	19.5	8	7.8	18	-	-	(145)	-	32	2	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
HELMSHORE ...	9 9	260	15.8	10.0	12.8	-	20.0	8	7.0	13	13.5	-	158	-	28	4	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
KIRKHAM ...	9 9	24	17.1	11.4	14.3	-	20.4	8	7.4	30	-	-	127	-	21	2	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
MORECAMBE ...	9 9	7	17.6	12.6	15.1	-0.6	20.0	13	9.5	30	-	-	144	180	27	2	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
NELSON ...	9 9	165	16.7	10.0	13.3	-1.3	21.1	8	6.5	17	14.5	12.7	129	-	22	2	19	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
PRESTON ...	9 9	33	17.4	(11.5)	(14.5)	-	20.5	8	7.9	2	-	-	123	143	20	4	20	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SLAIDBURN ...	9 9	192	16.1	10.2	13.1	-	19.4	8	6.9	18.23	-	-	166	142	35	2	25	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SQUIRES GATE AIRPORT	21-9	10	17.4	12.5	14.9	-0.6	20.4	8	7.6	2	-	-	120	-	24	30	19	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
STONYHURST ...	9 9	115	(16.6)	(10.6)	(13.6)	(-1.4)	20.2	8	7.4	2	-	-	151	137	25	2	22	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
MERSEYSIDE																																		
RIGBURTH ...	9 9	12	18.1	12.5	15.3	-	21.6	21	10.3	13	-	-	106	-	22	3	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SOUTHPORT ...	9 9	5	17.0	12.1	14.5	-1.0	20.2	8.22	8.9	2	15.5	12.5	114	-	25	30	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
SPEKE AIRPORT ...	21-9	22	18.7	11.9	15.3	-0.9	22.6	21.22	8.9	13	-	-	120	-	22	30	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
WEST KIRBY PARK ...	9 9	8	18.6	12.9	15.7	-0.4	23.4	8	10.0	13	-	-	103	-	23	3	18	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
GREATER MANCHESTER																																		
BOLTON ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MANCHESTER																																		
RINGWAY AIRPORT	21-9	75	17.9	11.4	14.7	-1.0	22.1	21	9.1	13	-	-	129	-	23	4	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
WEATHER CENTRE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROCHDALE ...	9 9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHESHIRE																																		
KNUTSFORD ...	9 9	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MACCLESFIELD ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NESS GARDENS ...	9 9	55	18.4	11.5	14.9	-	23.2	8	8.9	18	16.1	-	79	-	18	3	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
WINNINGTON ...	9 9	20	19.3	10.8	15.1	-1.4	23.4	8	7.9	13	-	-	95	-	19	3	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
ISLE OF MAN																																		
DOUGLAS ...	9 9	87	16.2	10.9	13.5	-0.8	18.5	9	8.2	18	-	-	103	134	19	4	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
POINT OF AYRE ...	21-9	9	18.0	11.3	14.7	-0.4	22.2	21	7.2	2	-	-	60	101	12	4	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
RONALDSWAY AIRPORT	21-9	16	16.5	11.0	13.7	-0.6	18.5	7	6.7	30	-	-	82	-	17	4	17	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
7B WALES N																																		
GWYNEDD																																		
BALA ...	9 9	163	16.4	10.7	13.5	-	20.1	8	4.3	25	14.9	14.3	134	-	27	30	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
BARDSEY ISLAND ...	21-9	16	15.7	12.2	13.9	-	17.2	20	10.5	3	-	-	79	-	16	4	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
BOTWNOG ...	9 9	34	17.3	11.4	14.3	-	19.1	23	8.5	18	16.6	15.0	101	-	19	4	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
PEN-Y-FFRIDD ...	9 9	84	17.6	10.9	14.3	-	20.2	9	7.8	25	-	-	167	-	25	30	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-	-
TRAWSFYNOO ...	9 9	193	16.1	10.2	13.1	-	18.8	16	7.6	25	-	-	231	-	46	30	22	17	0	0	0	0	0	0	0	0	0	0</						



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

JULY 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HOUR) 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	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST	WETTED GROUND	CONCRETE MIN.	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							AMOUNT (MM)	DATE
NORTHERN IRELAND																																		
LONDONDERRY																																		
AGHANLOO ...	9 9	18	17.0	10.1	13.5	-	20.4	7	6.0	24	-	-	76	-	16	4	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BANAGHER(CAUGH HILL) ...	9 9	216	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLERAINE UNIVERSITY ...	9 9	23	16.4	9.9	13.1	-	20.5	7	4.5	24	14.2	12.4	68	-	19	14	19	10	-	-	-	-	-	-	-	-	-	-	-	4.26	93	-		
COOLKEERAGH ...	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DERRYNOYD FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GARVAGH FOREST ...	9 9	88	16.7	8.8	12.7	-	20.2	7	2.5	25	15.2	12.3	92	-	15	4	21	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUGHMORE FOREST ...	9 9	174	16.0	8.8	12.4	-	20.0	7	1.5	25	-	-	93	-	16	4	22	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MONEYDOG ...	21-9	34	17.4	9.4	13.4	-0.7	20.9	21	3.5	25	16.1	-	95	-	17	14	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SOMERSET FOREST ...	9 9	43	17.5	9.8	13.7	-	21.4	8	6.1	25	-	-	73	-	15	14	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TRAOD POINT ...	9 9	16	17.7	9.5	13.6	-	22.0	21	4.4	24	-	-	77	-	19	4	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ANTRIM																																		
ALDERGROVE AIRPORT ...	21-9	68	17.3	10.3	13.8	-0.6	21.3	21	6.0	25	15.5	13.0	83	-	16	4	21	16	-	-	-	-	-	-	-	-	-	-	-	4.06	92	-		
ALTNAMHINCH ...	9 9	226	15.0	8.3	11.7	-	20.0	7	4.0	24	-	-	103	-	16	4	23	17	-	-	-	-	-	-	-	-	-	-	-	-	3.58	-		
BALLYMUNFORD ...	9 9	24	17.4	10.3	13.9	-	21.0	7.21	7.4	24	-	-	65	-	12	2	16	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BALLYMONEY ...	9 9	55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BALLYPATRICK FOREST ...	9 9	152	-	-	-	-	-	-	-	-	-	-	76	-	13	4	20	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GREENMOUNT ...	9 9	32	17.2	9.1	13.1	-	21.0	21	4.2	24	15.8	-	83	-	15	4	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KILROD ...	9 9	22	17.6	10.3	13.9	-	21.6	21	6.4	25.26	-	-	67	-	11	14	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LARNE ...	9 9	43	18.1	10.2	14.1	-	21.9	21	6.2	25	-	-	71	-	11	2	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LISNAFILLAN ...	9 9	38	16.9	9.4	13.1	-	21.0	21	3.5	25	-	-	80	-	16	4	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOWTOWN ...	9 9	271	14.9	8.6	11.7	-	18.8	21	5.4	25	12.7	-	99	-	18	14	25	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MALUSKI(HYDE PARK) ...	9 9	134	-	-	-	-	-	-	-	-	-	-	101	-	55	27	7	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PARKMORE FOREST ...	9 9	235	15.0	8.3	11.7	-	18.7	21	3.9	24	13.4	-	107	-	17	4	20	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WOODBURN NORTH ...	9 9	217	15.7	9.1	12.4	-	20.0	21	4.5	24	-	-	94	90	14	14	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BELFAST																																		
MALONE ...	9 9	35	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MILLTOWN ...	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWTOWNABBEY ...	9 9	32	17.3	11.3	14.3	-	21.6	21	8.1	24	15.8	-	79	-	17	14	17	14	-	-	-	-	-	-	-	-	-	-	-	4.35	-	5		
ROSEBANK ...	9 9	47	17.7	10.6	14.1	-	21.6	21	6.6	30	-	-	73	-	15	4	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ROSETTA ...	9 9	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STORMONT CASTLE ...	9 9	56	17.3	10.3	13.8	-	21.7	21	7.0	25	15.7	14.2	64	-	17	4	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DOWN																																		
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	71	-	14	4	23	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COMBER CEMETERY ...	9 9	11	17.8	10.1	13.9	-	22.0	21	6.0	18.30	-	-	76	-	15	4	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CREIGHTONS GREEN ...	9 9	119	16.4	-	-	-	20.5	21	-	-	-	-	63	-	11	4	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DOWNPATRICK ...	9 9	26	18.1	10.4	14.3	-	22.2	21	6.7	30	-	-	89	-	15	2	19	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HELENS BAY ...	9 9	43	17.9	10.8	14.3	-	21.7	21	7.5	25	-	-	63	-	12	14	15	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HILLSBOROUGH ...	9 9	116	16.7	9.9	13.3	-0.7	20.6	21	6.6	30	14.2	12.1	79	-	17	4	20	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KILKEEL ...	21-9	18	17.1	11.2	14.1	-	21.7	21	8.0	25	-	-	97	-	19	4	16	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KILLBOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MURLOUGH ...	9 9	9	17.9	10.2	14.1	-	22.7	21	5.9	25	14.8	13.4	95	-	16	2	18	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWRY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ARMAGH																																		
ARMAGH ...	9 9	62	17.5	10.3	13.9	-1.0	21.6	21	6.3	3	17.0	15.5	98	130	14	4	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUGHGALL ...	9 9	25	17.1	10.2	13.7	-	20.7	21	5.9	30	-	-	83	-	15	4	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LURGAN ...	9 9	55	17.7	10.3	14.0	-	22.1	21	6.1	30	15.5	14.0	85	-	17	4	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PORTADOWN ...	9 9	16	17.4	10.4	13.9	-	21.8	21	5.8	25	15.6	14.4	90	-	16	4	20	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TANDRAGEE ...	9 9	43	18.0	9.9	13.9	-	22.0	21	5.2	25	-	-	78	-	16	4	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
TYRONE																																		
BARONSCOURT FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CARRIGANS ...	21-9	113	16.7	9.7	13.2	-	20.2	21	4.6	25	-	-	101	-	23	4	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COOKSTOWN ...	9 9	77	17.4	-	-	-	21.5	21	-	-	15.2	-	78	-	18	4	23	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LOUGH BRADAN ...	9 9	169	16.0	8.9	12.5	-	19.2	7	3.6	25	-	-	152	-	22	14	28	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
POMEROY FOREST ...	9 9	165	16.2	9.2	12.7	-	19.9	21	4.2	25	15.5	-	99	-	23	4	25	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STRABANE CONVENT ...	9 9	44	17.5	10.6	14.1	-	21.4	7	6.9	30	-	-	81	-	17	4	23	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FERMANAGH																																		
CASTLE ARCHAULE ...	9 9	66	16.7	9.9	13.3	-0.6	20.4	21	5.4	30	14.5	13.8	95	-	14	4	25	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FOREST ...	9 9	156	15.8	9.4	12.6	-	20.2	7	5.8	25	-	-	101	-	15	4	27	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CORAGY ...	9 9	53	16.4	10.4	13.4	-	21.2	7	6.9	30	-	-	91	-	14	3	26	18	-	-	-	-	-	-										



JULY 1974

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	VAPOR 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 OBSERVED											8 OR MORE	6-7	4-5	1-3	CALM														
																													SPEED (KT)													
NUMBER OF OBSERVATIONS																																										
0 SCOTLAND N SHETLAND																																										
LERWICK	83	3	1007.3	-	9.4	0.6	11.0	93	6.1	0	0	3	5	17	5	1	0	0	1	0	0	2	3	4	8	13	0	3	6	21	1	3	1	2	2	3	14	3				
	9	3	1007.3	- 4.4	11.1	1.3	11.2	85	7.0	0	0	3	5	18	1	0	0	0	0	0	4	5	3	7	11	0	2	13	16	0	1	1	2	2	3	6	11	5				
	15	3	1007.9	-	12.2	1.9	11.3	80	8.2	0	0	3	5	19	0	0	0	0	0	0	4	3	2	8	16	0	2	14	15	0	0	1	2	2	3	5	10	8				
	21	3	1007.9	-	10.2	0.9	11.1	89	6.6	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	10	18	1	0	0	1	2	2	3	5	10	8		
ORKNEY																																										
KIRKWALL	26	3	1008.1	-	10.1	0.5	11.7	94	6.3	0	0	3	4	14	10	0	0	0	0	0	0	3	5	14	8	0	0	1	12	14	4	1	1	1	2	1	7	12	2			
	9	3	1008.6	- 3.5	12.4	1.4	12.0	84	6.3	0	0	2	3	20	0	0	0	0	0	0	0	3	5	7	16	0	0	4	16	11	0	2	0	0	0	0	0	0	0			
	15	3	1009.0	-	13.8	2.3	11.8	75	8.1	0	0	1	8	20	0	0	0	0	0	0	0	0	0	0	0	0	0	5	16	11	0	1	0	0	0	0	0	0				
	21	3	1008.9	-	11.0	0.8	11.9	90	6.0	0	0	3	8	8	12	0	0	0	0	0	0	4	5	9	13	0	1	10	17	0	3	0	1	2	2	1	15	1				
CAITHNESS																																										
WICK	37	3	1008.6	-	9.8	0.8	11.2	92	6.1	0	0	3	4	21	3	0	0	0	0	0	0	1	2	1	13	14	0	0	9	20	2	0	1	1	2	2	6	14	3			
	9	3	1009.0	- 3.4	13.0	1.8	11.9	79	6.8	0	0	0	4	21	6	0	0	0	0	0	0	1	0	2	12	16	0	1	17	13	0	2	1	1	0	3	11	6				
	15	3	1009.1	-	14.3	2.6	11.7	72	8.1	0	0	2	5	23	1	0	0	0	0	0	0	0	0	0	0	0	0	1	20	10	0	2	0	0	0	0	0	0				
	21	3	1009.2	-	11.4	1.0	11.8	87	6.3	0	0	2	4	20	5	0	0	0	0	0	1	3	11	15	0	0	8	21	2	0	0	0	0	0	0	0	0	0				
SUTHERLAND																																										
CAPE WRATH	113	3	1008.0	-	10.6	0.4	12.2	95	6.7	0	1	4	12	12	2	0	0	2	0	0	0	3	5	12	9	0	4	11	13	3	0	2	2	2	1	12	8	1				
	9	3	1008.7	-	11.3	0.5	12.7	94	6.1	0	0	0	9	15	5	2	0	1	1	0	0	1	3	13	12	0	3	11	16	1	2	1	2	0	3	11	6					
	15	3	1008.9	-	12.1	0.8	12.9	81	6.1	0	1	7	14	9	0	0	0	0	0	0	2	3	12	14	0	2	8	20	1	0	1	3	1	0	10	10	5					
	21	3	1008.6	-	11.1	0.5	12.5	94	6.5	0	1	6	10	10	4	0	0	0	0	0	2	3	10	12	0	2	11	15	3	1	0	1	1	2	10	9	4					
ROSS & CROMARTY																																										
STORNOWAY	5	3	1009.2	-	10.1	0.5	11.7	94	5.8	0	0	3	9	10	9	0	0	0	0	0	0	2	8	18	3	0	1	10	18	2	3	1	1	0	4	10	8	2				
	9	3	1009.7	- 2.8	12.5	1.4	12.0	83	6.7	0	0	0	5	17	9	0	0	0	0	0	0	0	3	7	11	10	0	0	18	13	0	1	1	0	1	5	6	9				
	15	3	1009.6	-	13.4	1.9	12.2	79	6.9	0	1	2	18	10	0	0	0	0	0	0	0	1	4	4	11	11	0	2	19	10	0	1	1	0	2	5	6	9				
	21	3	1009.5	-	11.5	0.9	12.1	88	6.2	0	2	7	12	10	0	0	0	0	0	0	1	3	5	12	10	0	1	11	17	2	1	1	1	1	4	8	8	5				
INVERNESS-SHIRE																																										
BENBECULA	7	3	1010.3	-	11.6	1.1	11.9	87	6.3	0	1	5	20	5	0	0	0	0	0	0	1	0	3	10	17	0	1	17	12	1	3	2	0	1	2	6	11	5				
	9	3	1010.5	- 2.2	12.9	1.5	12.3	82	6.4	0	2	4	18	7	0	0	0	0	0	0	2	5	9	15	0	0	19	12	0	3	0	2	0	4	8	8	6					
	15	3	1010.5	-	13.9	1.8	12.7	80	5.9	0	5	5	13	8	0	0	0	0	1	0	2	4	3	7	14	0	1	22	8	0	3	1	0	0	4	8	11	6				
	21	3	1010.6	-	12.1	1.1	12.2	86	6.1	0	3	4	17	7	0	0	0	0	0	0	2	3	5	9	12	1	1	14	15	0	5	1	1	0	3	6	9	8				
1 SCOTLAND E NORFOLKSHIRE																																										
KINLOSS	6	3	1009.3	-	10.7	1.2	11.0	85	5.6	0	4	8	16	3	0	0	0	0	0	0	1	1	6	22	0	0	11	19	1	1	2	1	2	19	3	1	1					
	9	3	1009.7	- 3.0	14.0	2.5	11.6	72	6.0	0	3	6	16	6	0	0	0	0	0	0	2	0	6	23	0	3	14	14	0	2	0	1	2	0	7	17	2					
	15	3	1009.6	-	15.8	3.5	11.5	64	6.6	0	0	6	22	3	0	0	0	0	0	0	1	2	7	21	0	3	15	13	0	4	1	2	1	2	4	11	6					
	21	3	1009.9	-	12.8	1.7	11.8	80	6.3	0	2	3	24	2	0	0	0	0	0	0	1	1	7	22	0	0	12	18	1	0	1	2	3	12	5	4						
ABERDEENSHIRE																																										
DYCE	59	3	1009.5	-	9.9	0.9	10.9	89	5.2	0	10	2	14	4	1	0	0	2	1	0	2	2	1	3	20	0	0	5	21	5	1	1	1	1	3	13	5					
	9	3	1009.8	- 3.1	14.4	2.8	11.5	70	6.0	0	2	7	19	3	0	0	0	0	0	1	0	2	4	24	0	2	17	9	3	2	0	0	2	3	5	5	11					
	15	3	1009.8	-	15.6	3.2	11.9	67	6.9	0	0	4	20	7	0	0	0	0	0	0	1	3	9	18	0	0	19	12	0	7	1	2	4	6	2	7	2					
	21	3	1010.1	-	12.4	1.5	11.9	82	6.0	0	3	7	15	6	0	0	0	0	1	0	3	3	12	12	0	0	9	20	2	0	0	1	2	5	5	11	5					
FRASERBURGH																																										
	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
ANGUS																																										
USAN	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	21	3	1010.8	-	12.9	1.5	12.3	83	5.4	0	5	7	14	5	0	0	0	0	0	1	1	0	1	3	25	1	0	5	19	6	3	1	1	2	5	3	10	0				
FIFE																																										
LEUCHARS	12	3	1010.2	-	10.4	1.0	11.2	88	4.9	0	9	5	12	5	0	0	0	0	1	0	1	0	6	12	11	0	0	8	19	4	1	0	1	1	0	14	10	0				
	9	3	1010.5	- 2.6	14.6	2.7	11.7	71	5.5	0	5	8	12	6	0	0	0	0	0	0	2	6	4	19	0	1	14	16	0	2	0	2	1	1	9	13	3					
	15	3	1010.4	-	16.3	3.4	12.1	66	6.5	0	0	7	18	6	0	0	0	0	0	0	0	4	11	15	0	0	1	19	11	0	2	0	5	3	2	10	1					
	21	3	1010.8	-	12.9	1.8	11.8	79	5.0	0	7	8	14	2	0	0	0	0	0	0	1	0	5	6	19	0	0	12	18	1	0	3	0	2	0	10	13	2				
MIDLOTHIAN																																										
TURNHOUSE	44	3	1011.0	-	11.0	1.2	11.3	85	5.5	0	8	2	16	5	0	0	0	0	0	0	0	1	6	18	6	0	0	8	22	1	2	2	0	1	15	10	0					
	9	3	1011.2	- 2.4	14.4	2.5	12.0	73	6.0	0	1	9	15	6	0	0	0	0	0	0	3	3	13	12	0	0	14	17	0	3	1	0	0	0	10	13	3					
	15	3	1011.0	-	16.0	3.5	12.4	65	6.9	0	0	4	20	7	0	0	0	0	0	0	0	4	12	15	0	1	19	11	0	2	1	2	0	2	4	18	2					
	21	3	1011.6	-	13.0	1.8	11.9	79	5.4	0	6	5	17	3	0	0	0	0	0	0	0	8	9	14	0	1	12	18	0	2	1	0	0	1	17	9	1					
6 SCOTLAND W ARGYLLSHIRE																																										
MACHRIHANISH	14	3	1011.8	-	11.9	1.0	12.3	88	6.4	0	4	2	13	12	0	0	0	0</																								



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

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[illegible]



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TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																																																								
		AT (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	WET BULB DEGREES C	DEPRESSION OF VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0-39H	40-190H	200-390H	400-990H	1000-1900H	2000-3900H	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	SKY OBSERVED										34 OR MORE	SPEED (KT)																																																				
																								22-33	11-21	1-10	0																																																	
NUMBER OF OBSERVATIONS																																																																												
3 EAST ANGLIA - CONTO. ESSEX																																																																												
SHOEBURYNESSE	5	9	1016.3 - 0.1	16.9	2.6	14.2	74	5.6	0	3	9	14	5	0	0	0	0	0	0	0	1	10	13	7	0	1	15	15	0	3	0	0	1	2	8	11	6																																							
	15	9	1015.9 -	19.5	4.0	14.4	84	6.0	0	2	7	14	8	0	0	0	0	0	0	2	1	15	13	0	1	16	14	0	0	0	1	1	2	12	8	5																																								
	21	9	1016.3 -	16.1	1.7	15.1	82	5.8	0	4	8	15	8	0	0	0	0	0	0	1	9	14	7	0	0	9	22	0	0	0	1	1	1	14	9	3																																								
STANSTED	102	3	1015.4 -	12.2	0.8	12.9	90	5.7	0	6	4	12	9	0	1	0	0	0	0	1	7	13	9	0	0	0	0	30	1	1	0	0	1	14	11	3																																								
	9	9	1015.6 - 0.5	15.7	2.8	12.7	71	5.8	0	3	7	14	7	0	0	0	0	0	0	4	10	15	2	0	0	0	12	18	1	1	0	0	2	8	14	4																																								
	15	9	1015.2 -	18.5	4.3	12.8	60	6.4	0	1	4	19	7	0	0	0	0	0	0	3	4	19	5	0	0	0	18	13	1	1	0	0	2	8	14	4																																								
	21	9	1015.7 -	15.2	2.3	13.1	75	5.6	0	6	4	16	5	0	0	0	0	0	2	2	7	17	3	0	0	0	2	27	2	0	0	1	8	18	4																																									
WALTON-ON-THE-NAZE	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																									
	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																									
	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																									
	21	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																																									
4 MIDLAND COUNTIES WEST YORKSHIRE																																																																												
HUDDERSFIELD	235	3	1013.3 -	10.7	1.2	11.0	84	6.4	1	2	5	8	15	0	0	0	0	0	0	3	9	16	3	0	0	0	23	8	0	1	0	0	1	4	22	2																																								
	9	3	1013.6 -	13.8	1.7	12.7	81	6.9	0	2	3	11	15	0	0	0	0	0	0	1	6	19	4	1	2	2	17	10	0	0	0	0	5	6	17	3																																								
	15	3	1013.6 -	16.3	3.2	12.6	68	6.4	0	0	8	14	9	0	0	0	0	0	0	4	8	19	0	2	10	16	3	0	1	0	0	2	0	4	18	6																																								
	21	3	1013.9 -	12.8	1.4	12.4	84	5.9	2	2	5	8	14	0	0	0	1	0	0	2	15	13	0	0	7	17	7	0	1	0	0	1	0	2	23	4																																								
WILSON	267	3	1013.8 -	10.7	0.8	11.6	89	5.7	2	4	5	7	13	0	0	0	0	0	1	8	21	0	0	0	0	11	19	1	1	0	0	1	2	7	19	0																																								
	9	3	1013.8 -	12.5	1.6	11.9	82	6.7	0	2	4	7	18	0	0	0	0	0	1	7	18	5	0	0	1	16	12	2	1	0	0	0	3	7	16	2																																								
	15	3	1013.7 -	15.1	2.9	12.0	70	5.8	0	1	12	11	7	0	0	0	0	1	3	15	12	0	0	2	25	4	2	0	1	0	0	1	0	4	19	0																																								
	21	3	1014.3 -	12.1	1.4	11.8	83	5.6	0	5	10	4	12	0	0	0	1	0	1	4	24	1	0	0	1	11	19	1	1	0	0	1	0	9	19	0																																								
SOUTH YORKSHIRE																																																																												
FINNINGLEY	15	3	1013.6 -	11.1	0.9	12.2	89	5.4	0	7	4	16	4	0	0	0	0	0	2	6	12	11	0	0	0	5	25	1	1	0	0	1	8	8	12	0																																								
	9	3	1013.7 - 1.4	15.4	2.5	13.0	74	6.6	0	1	4	19	7	0	0	0	0	0	0	2	11	16	2	0	2	19	9	1	2	0	0	1	4	7	11	4																																								
	15	3	1013.4 -	18.3	4.2	12.9	62	6.3	0	1	6	17	7	0	0	0	0	0	0	3	6	17	5	0	1	19	11	0	1	1	1	1	8	14	4																																									
	21	3	1014.0 -	14.6	1.9	13.2	79	6.2	0	2	6	18	5	0	0	0	0	1	1	4	11	12	2	0	0	4	26	1	1	0	0	3	9	15	2																																									
NOTTINGHAMSHIRE																																																																												
WATNALL	119	3	1014.6 -	11.5	0.6	12.6	92	5.5	0	6	3	19	3	0	0	0	0	0	1	8	14	7	0	0	0	3	28	0	1	0	0	4	9	16	1																																									
	9	3	1014.7 - 0.6	14.7	1.9	13.4	80	6.7	0	0	4	19	8	0	0	0	0	0	0	1	7	8	13	1	0	11	20	0	1	1	0	0	3	12	11	3																																								
	15	3	1014.4 -	17.7	3.4	13.6	67	6.3	0	1	8	14	8	0	0	0	0	0	0	5	4	17	5	0	0	16	15	0	0	1	0	1	0	12	14	3																																								
	21	3	1014.9 -	14.4	1.7	13.5	82	6.1	0	1	9	12	9	0	0	0	0	0	1	5	15	10	0	0	0	3	27	1	1	0	0	3	9	15	2																																									
SALOP																																																																												
SHAWBURY	76	3	1014.7 -	11.6	0.8	12.4	90	5.3	0	6	7	11	7	0	0	0	0	0	0	1	5	23	2	0	0	5	24	2	1	0	0	2	13	10	3																																									
	9	3	1015.0 - 0.6	15.3	2.3	13.2	76	6.6	0	4	20	7	0	0	0	0	0	0	0	2	2	16	11	0	0	14	17	0	2	1	0	0	5	5	13	5																																								
	15	3	1014.9 -	17.7	3.7	13.1	65	6.1	0	2	8	16	5	0	0	0	0	0	0	1	2	10	18	0	0	22	9	0	5	0	0	1	1	19	6																																									
	21	3	1015.3 -	14.0	1.6	13.2	82	5.9	0	3	8	13	7	0	0	0	0	0	0	2	3	17	9	0	0	3	28	0	1	0	0	3	9	13	5																																									
WEST MIDLANDS																																																																												
EDGBASTON	185	9	1015.6 - 0.4	14.4	1.9	12.9	79	6.4	0	0	9	13	9	0	0	0	0	0	0	8	8	9	6	0	0	9	22	0	3	0	0	0	4	6	14	4																																								
	15	9	1015.2 -	17.8	3.6	12.9	64	6.5	0	0	5	20	6	0	0	0	0	0	0	3	7	8	13	0	0	15	16	0	4	0	0	1	5	13	8																																									
	21	9	1015.7 -	15.2	2.1	13.4	77	5.8	0	3																																																																		



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

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[illegible]



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	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	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 OBSCURED											54 OR MORE	22-33	11-21	1-10	0													
																																						SPEED (KT)				
																																						8 OR MORE	6-7	4-5	1-3	CALM
NUMBER OF OBSERVATIONS																																										
BA MALES S -CONTO. WEST OLANOROGAN																																										
MUMBLES HEAD	37	3	1016.5	-	13.7	0.8	14.3	91	5.8	2	3	6	7	13	0	0	0	0	1	1	0	2	8	13	6	0	6	10	13	2	2	0	0	0	0	1	8	18	4	4		
		9	1017.1	-	15.1	1.5	14.4	84	6.9	0	1	2	14	14	0	0	0	0	0	0	2	8	10	4	7	1	6	12	9	3	2	0	0	0	2	0	9	11	4	4		
		15	1017.6	-	16.0	2.0	14.4	79	6.7	0	1	2	18	10	0	0	0	0	1	0	3	5	10	12	0	9	17	5	0	0	0	0	0	0	0	7	21	3	4			
		21	1017.2	-	14.6	1.2	14.5	87	6.5	0	4	3	7	16	1	0	1	0	0	0	7	8	10	6	6	0	7	16	7	1	1	0	0	0	0	8	17	4	4			
SOUTH OLANOROGAN																																										
RHOOSE	69	3	1016.2	-	12.7	0.8	13.4	90	6.2	0	5	1	14	11	0	0	0	0	1	3	3	11	13	0	0	0	13	16	2	1	1	0	0	1	3	19	4	4				
		9	1016.9	+ 0.2	14.9	1.8	13.8	81	6.8	0	2	2	16	11	0	0	0	0	1	10	8	10	2	0	0	0	16	14	1	2	0	0	2	0	2	21	3	3				
		15	1017.1	-	16.4	2.6	13.6	74	6.2	0	5	3	15	8	0	0	0	1	4	5	11	9	0	0	0	0	28	3	0	0	0	0	2	0	27	2	3					
		21	1017.1	-	13.9	1.3	13.6	85	6.2	0	5	4	9	13	0	0	0	2	0	0	6	10	8	5	0	0	15	16	0	1	0	0	0	1	24	5	5					
BB ENGLAND SW RYON																																										
FILTON	61	3	1016.4	-	13.3	0.9	13.6	89	5.7	0	6	4	11	10	0	0	0	0	0	0	7	11	11	2	0	0	12	15	4	1	0	0	0	1	12	11	2	2				
		9	1016.9	+ 0.4	15.5	2.2	13.5	77	6.6	0	2	4	12	13	0	0	0	0	0	4	6	14	7	0	0	0	15	16	0	2	2	0	0	3	5	16	3	3				
		15	1016.8	-	17.8	3.4	13.7	67	6.5	0	2	3	21	5	0	0	0	0	0	1	4	8	18	0	2	2	27	7	0	1	0	0	1	6	19	4	4					
		21	1017.1	-	14.9	1.8	13.8	81	5.7	0	5	4	18	4	0	0	0	0	2	8	15	6	0	1	0	1	15	15	0	1	0	0	0	5	21	5	5					
SOMERSET																																										
YEQVILTON	23	3	1017.1	-	12.8	0.8	13.6	91	5.3	2	5	4	10	10	0	0	0	2	0	0	3	17	9	0	0	0	5	19	7	0	0	0	0	2	14	8	2	2				
		9	1017.4	-	16.0	2.0	14.5	79	6.7	0	0	5	16	10	0	0	0	0	0	0	2	12	17	0	0	0	16	13	1	2	0	0	1	2	6	14	5	5				
		15	1017.5	-	16.9	3.4	15.0	69	6.3	0	0	8	16	7	0	0	0	0	0	0	7	22	2	0	2	23	8	0	3	0	0	0	2	6	10	10	3	3				
		21	1017.6	-	15.5	1.6	14.6	82	5.2	0	4	13	7	7	0	0	0	0	0	2	7	21	1	0	0	6	23	2	0	1	0	0	2	6	17	3	3					
DORSET																																										
HURN	11	3	1017.2	-	12.8	0.6	13.8	93	5.5	2	7	1	10	11	0	0	0	1	0	0	7	12	11	0	0	0	4	25	2	1	0	0	0	1	12	13	2	2				
		9	1017.7	-	16.0	2.3	13.9	76	6.2	0	3	6	13	9	0	0	0	0	0	0	5	3	22	1	0	1	14	16	0	3	0	0	3	10	9	6	6					
		15	1017.7	-	18.4	3.5	14.2	68	6.3	0	1	7	17	6	0	0	0	0	1	7	20	2	0	0	0	22	9	0	3	0	0	0	3	16	4	3	3					
		21	1017.8	-	15.3	1.5	14.6	84	5.3	0	6	10	8	7	0	0	0	0	0	7	9	14	1	0	0	7	24	0	2	0	0	0	1	12	11	5	5					
PORTLAND BILL.C.G.	54	3	1017.7	-	13.8	0.4	15.2	96	4.5	5	6	5	10	0	0	1	0	0	1	4	20	4	1	0	4	20	7	0	2	1	1	1	0	1	17	8	8	8				
		9	1018.2	-	14.8	0.7	15.5	92	5.8	0	6	3	11	10	1	0	0	0	1	4	9	15	1	0	5	16	10	0	1	1	2	0	1	2	16	8	4	4				
		15	1018.3	-	16.6	1.2	16.4	87	5.4	1	1	14	7	8	0	0	0	1	1	6	7	14	2	0	2	21	8	0	1	0	0	1	1	8	16	4	4					
		21	1018.3	-	14.7	0.5	15.7	94	5.4	0	6	7	12	4	2	0	1	1	0	0	1	5	11	12	0	2	25	4	0	2	0	0	0	4	15	10	10	10				
DEVON																																										
CHIVENOR	7	3	1017.2	-	13.7	0.8	14.4	91	6.5	0	1	8	9	13	0	0	0	0	0	0	6	9	13	3	0	2	12	16	1	0	0	6	0	2	8	11	3	3				
		9	1017.9	+ 0.8	15.4	1.4	14.9	85	6.9	0	1	2	15	13	0	0	0	0	1	6	5	13	6	0	0	16	15	0	1	0	1	1	1	6	16	5	5					
		15	1018.3	-	16.9	2.1	15.1	78	6.5	0	0	5	17	9	0	0	0	0	0	2	7	12	10	0	0	27	4	0	0	0	0	0	0	9	19	3	3					
		21	1018.2	-	14.5	1.0	14.8	89	6.3	0	4	2	13	12	0	0	0	0	1	4	9	11	6	0	0	17	13	1	0	0	0	0	0	10	15	5	5					
EXETER	38	3	1017.4	-	12.9	0.7	13.9	92	5.7	0	6	6	11	8	0	0	1	0	0	0	4	10	14	2	0	0	5	25	1	3	1	1	1	7	5	10	11	11				
		9	1017.9	+ 0.8	16.1	1.9	14.8	81	6.4	0	3	4	16	8	0	0	0	0	0	2	6	14	9	0	1	15	15	0	3	0	0	2	1	4	10	7	7					
		15	1017.9	-	16.8	3.2	15.1	70	6.3	0	0	8	18	5	0	0	0	0	0	1	6	7	17	0	0	25	6	0	0	1	0	0	5	4	14	7	7					
		21	1018.3	-	15.0	1.4	14.6	85	5.8	0	6	3	16	6	0	0	0	0	0	2	6	9	14	0	0	6	25	0	0	0	0	0	2	7	13	9	9					
HARTLAND POINT	93	3	1017.0	-	13.5	0.6	14.5	93	6.3	0	2	7	8	12	2	1	0	0	1	0	6	14	8	0	8	12	9	2	1	0	0	0	1	3	20	4	4					
		9	1017.6	-	14.4	0.9	14.7	89	6.8	0	1	5	12	12	1	0	1	1	3	3	5	7	9	0	7	14	10	0	3	0	0	1	0	1	20	6	6					
		15	1018.0	-	15.1	1.4	14.7	85	6.6	0	0	6	14	9	2	0	2	0	0	1	2	9	12	5	0	6	16	6	3	1	0	0	0	0	0	25	2	2				
		21	101.9	-	14.1	0.8	14.7	91	6.7	0	1	4	12	12	2	0	1	0	1	0	1	5	9	7	0	7	16	8	0	1	0	0	0	1	25	4	4					
MOUNT BATTEN	28	3	1018.0	-	13.5	0.6	14.5	93	6.1	2	2	5	8	13	1	0	0	1	0	0	2	6	11	7	4	0	1	7	20	3	2	0	1	0	1	6	13	5	5			
		9	1018.6	+ 1.2	15.3	1.4	14.8	85	6.7	0	0	7	13	11	0	0	0	0	1	3	4	6	12	5	0	1	15	15	0	2	0	0	2	1	15	7	4	4				



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

JULY 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	0	0	30	1	0	0	0	0	0	0	0	0	23	8	0	EDOBASTON	0	0	0	2	23	6	0	0	0	0	0	0	0	0	0	3	26	2
LERWICK (SCREEN)	0	0	0	26	5	0	0	0	0	0	0	0	0	23	8	0	KEW (PSYCHROMETER)	0	0	0	0	14	17	0	0	0	0	0	0	0	0	0	8	19	4
STORNOWAY	0	0	0	19	12	0	0	0	0	0	0	0	0	21	10	0	KEW (NORTH-WALL SCREEN)	0	0	0	0	13	18	0	0	0	0	0	0	0	0	0	5	22	4
CRAIBSTONE	0	0	0	9	19	3	0	0	0	0	0	0	0	22	9	0	HASTINGS	0	0	0	2	23	6	0	0	0	0	0	0	0	0	0	2	25	4
ROTHESAY	0	0	0	5	26	0	0	0	0	0	0	0	0	13	18	0	SOUTHAMPTON	0	0	0	0	13	17	1	0	0	0	0	0	0	0	0	5	23	3
ABBOTSLINCH	0	0	0	2	29	0	0	0	0	0	0	0	0	11	20	0	STONYHURST	0	0	0	3	27	1	0	0	0	0	0	0	0	0	0	11	20	0
ESKDALEMUIR (PSYCHROMETER)	0	0	0	6	25	0	0	0	0	0	0	0	0	4	20	7	RHYL	0	0	0	0	28	3	0	0	0	0	0	0	0	0	1	29	1	
ESKDALEMUIR (SCREEN)	0	0	0	2	29	0	0	0	0	0	0	0	0	4	19	8	0	VALLEY	0	0	0	3	28	0	0	0	0	0	0	0	0	0	2	29	0
DOUGLAS	0	0	0	6	25	0	0	0	0	0	0	0	0	8	23	0	RHOOSE	0	0	0	1	28	2	0	0	0	0	0	0	0	0	0	7	23	1
ACKLINTON	0	0	0	2	23	6	0	0	0	0	0	0	0	21	10	0	FALMOUTH	0	0	0	1	28	2	0	0	0	0	0	0	0	0	0	3	27	1
GORLESTON	0	0	0	2	18	11	0	0	0	0	0	0	0	7	22	2	ALDERGROVE	0	0	0	2	27	2	0	0	0	0	0	0	0	0	0	12	19	0
CAMBRIDGE BOTANIC GARDENS	0	0	0	0	14	17	0	0	0	0	0	0	0	11	17	3	ARMAGH	0	0	0	4	24	3	0	0	0	0	0	0	0	0	0	16	15	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

JULY 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES															
		ABOVE SEA	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									
				DATES OF OCCURRENCE										NUMBER OF HOURS OF WIND RECORDED	NUMBER OF DAYS OF WIND RECORDED	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS				



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 MSL	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	DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS







# 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**

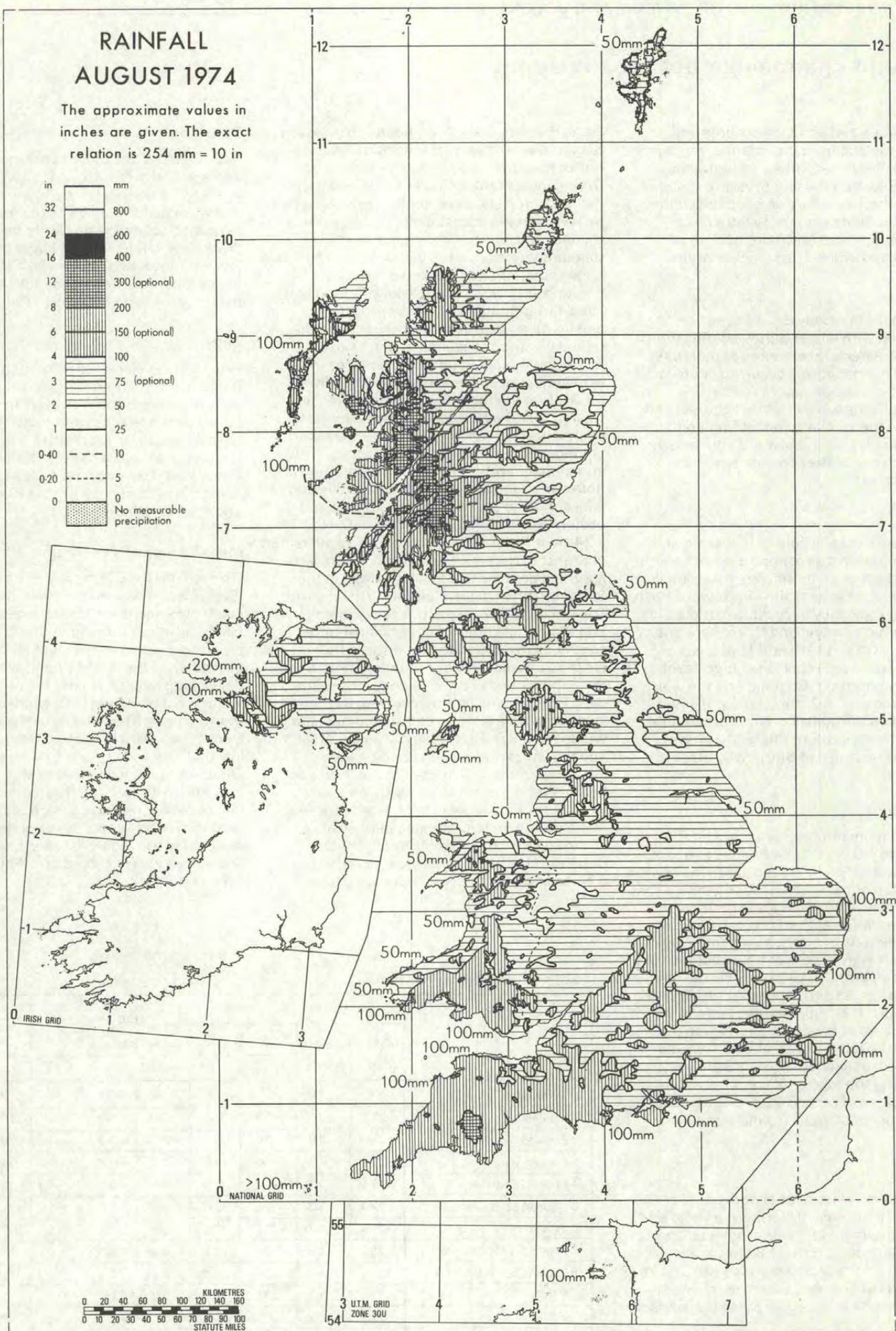
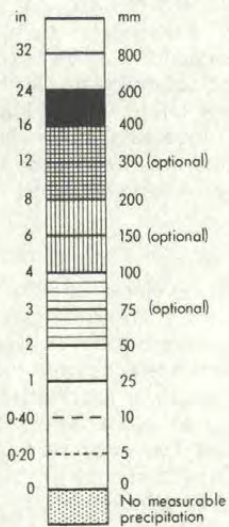
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest	Lowest	max.	min.	mean				
	Max.*	Min.*	difference from average						
0 Scotland N	20.0	4.0	+0.1	−0.4	−0.1	−0.4	+4	88	97
1 Scotland E	22.2	3.8	+0.4	−0.3	+0.1	−0.2	+3	65	107
2 England E & NE	25.0	3.0	0.0	−0.3	−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.

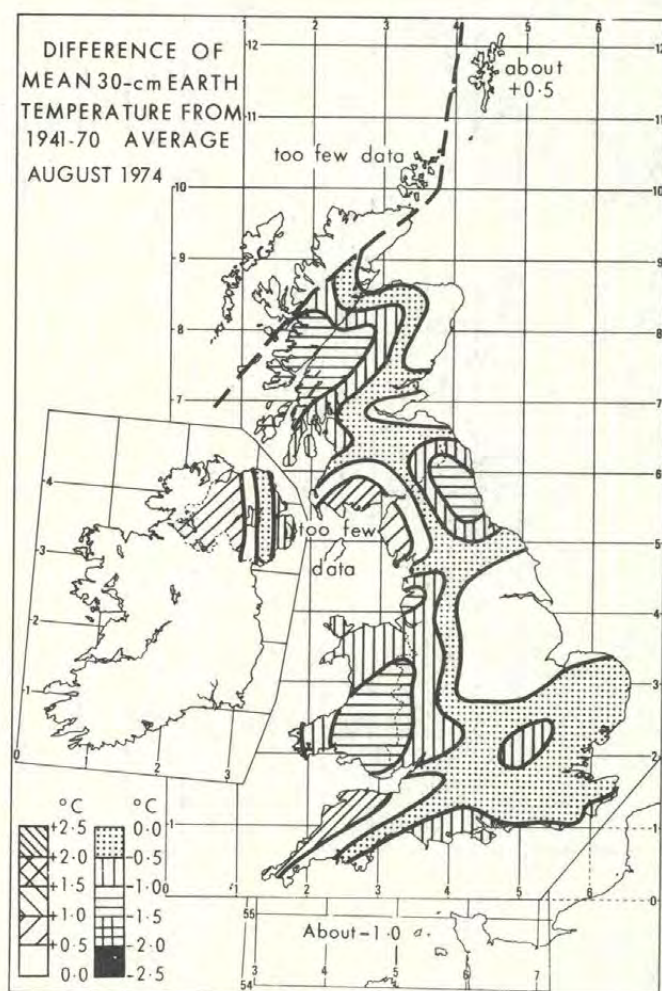
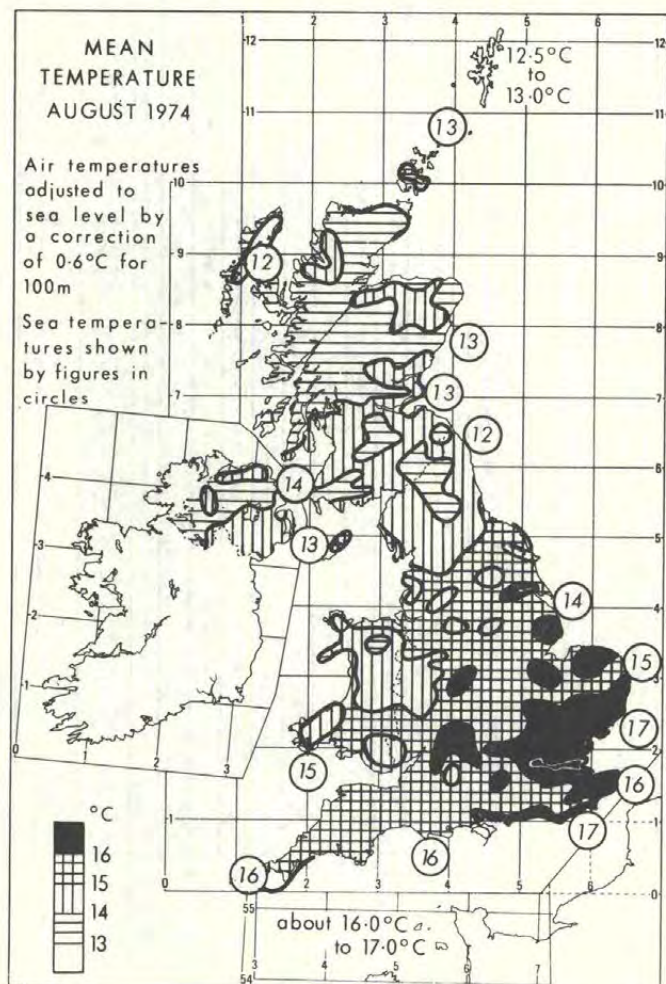
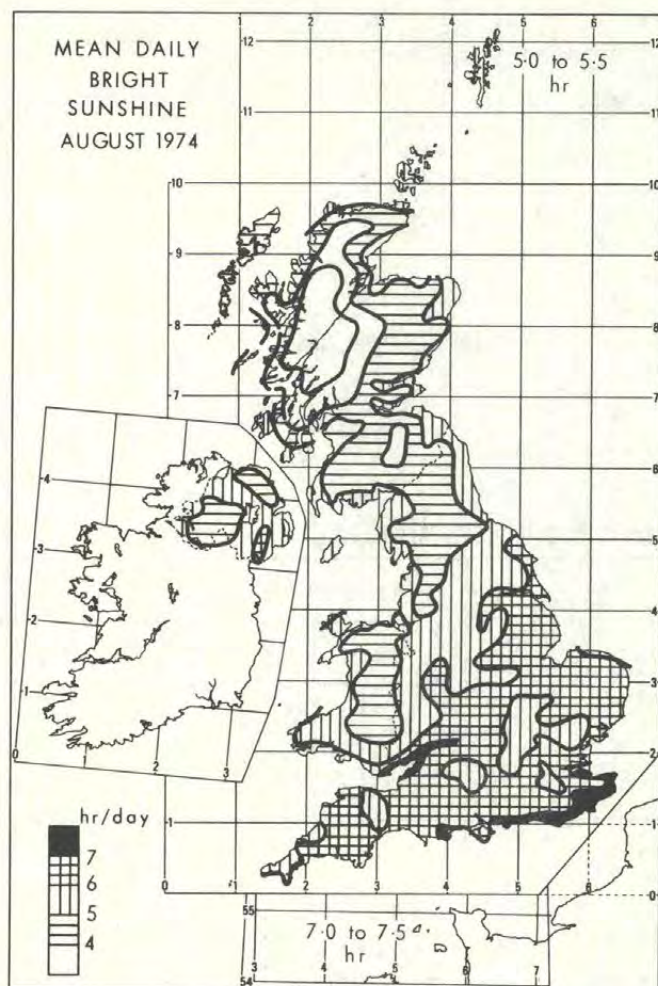
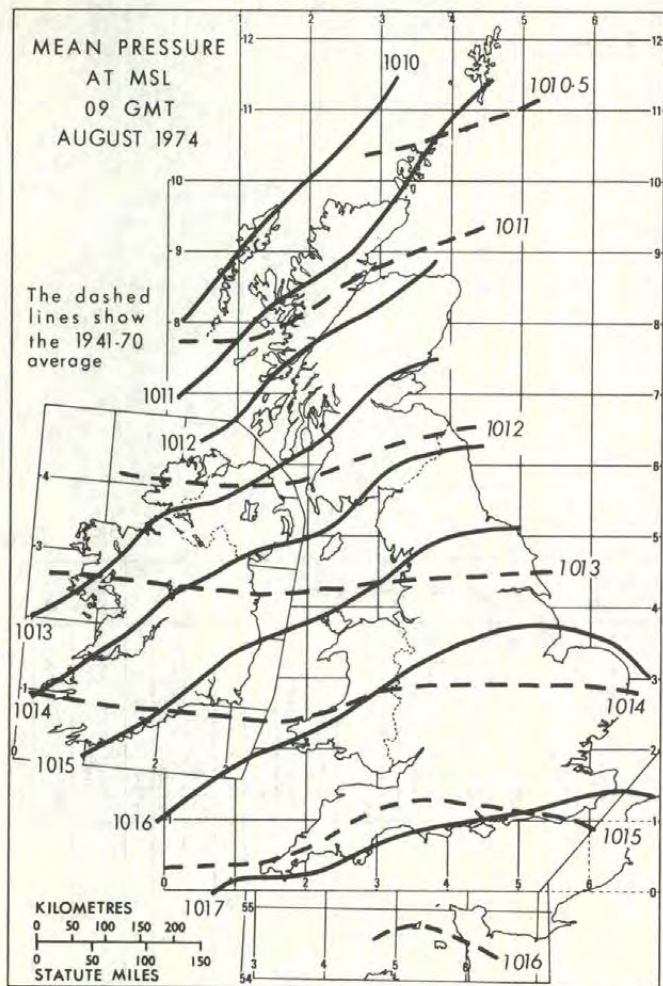


# RAINFALL AUGUST 1974

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









AUGUST 1974

[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HGT) 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		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														
1 SCOTLAND E-CONTINUED																																
ABERDEEN																																
ABERDEEN																																
DYCE AIRPORT ...	21-9	58	17.9	9.4	13.7	+0.4	21.0	24	3.5	19	-	-	60	-	12	12	18	12	0	0	0	0	1	0	0	0	0	0	5.06	114	-	-
MANNOFIELD ...	9 9	52	17.0	9.4	13.2	-0.1	20.5	24	3.7	19	-	-	66	80	20	12	16	7	0	0	0	0	1	1	0	0	0	0	5.08	111	-	-
BALMORAL ...	9 9	283	16.6	6.6	11.6	-0.7	20.9	5	-1.3	19	-	-	36	44	13	12	14	7	0	0	0	0	1	1	7	0	0	0	4.42	111	-	-
BRACMAR ...	9 9	339	16.2	7.4	11.8	-0.5	21.0	5	-0.4	19	-	-	49	59	14	12	22	13	0	0	0	0	1	1	1	0	0	0	4.75	104	-	-
CRABSTONE ...	9 9	91	17.2	9.2	13.2	+0.1	20.8	24	4.8	19	14.0	12.9	70	82	12	12	22	14	0	0	0	0	1	0	1	0	0	0	4.75	104	-	-
DINNET ...	9 9	177	-	7.5	-	-	-	-	-0.7	19	-	-	35	-	9	12	14	11	-	-	-	-	2	1	2	0	0	0	-	-	-	-
FRASERBURGH ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FYVIE CASTLE ...	9 9	66	17.8	8.3	13.1	-	21.0	7.15.24	3.0	19	-	-	59	67	11	11	26	12	0	0	0	0	0	0	0	0	0	0	-	-	-	-
GARTLY ...	9 9	146	17.5	8.7	13.1	-	21.1	7	2.5	19	-	-	49	13	13	11	19	12	-	-	-	-	0	0	0	0	0	0	-	-	-	-
INVERURIE SEWAGE WORKS ...	9 9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KINCARDINE																																
BRANCHORY ...	8 8	77	17.9	8.9	13.4	-	21.2	24	2.5	19	-	-	59	-	11	12	18	11	0	0	0	0	1	2	0	0	0	0	4.52	-	-	-
FETTERCAIRN ...	9 9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STONEHAVEN ...	9 9	4	17.7	9.2	13.5	0.0	21.0	15	4.3	19	-	-	42	-	15	12	10	9	0	0	0	0	1	0	0	0	0	0	4.89	108	-	-
ANGUS																																
ARBROATH ...	9 9	28	16.9	10.7	13.8	-	20.0	15	7.6	19	-	-	38	-	9	12	14	8	0	0	0	0	2	0	0	0	0	0	5.90	119	-	-
BUDDON WESS ...	9 9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUNDEE ...	9 9	45	18.4	10.1	14.3	0.0	21.7	6	7.2	27	15.0	-	76	92	12	17	19	13	0	0	0	0	2	0	0	0	0	0	5.09	115	-	-
MONTROSE ...	9 9	57	17.7	9.7	13.7	-	21.0	15	4.3	26	-	-	49	62	14	12	15	10	0	0	0	0	1	0	0	0	0	0	0	0		
MYLNEFIELD ...	9 9	30	18.4	9.6	14.0	-	21.5	15	6.0	5.17	14.3	12.7	50	-	14	8	14	9	0	0	0	0	1	0	0	0	0	0	5.03	-	-	
USAN ...	21-9	30	17.1	10.3	13.7	-	19.9	11.24	7.0	4.19.26	-	-	34	-	7	17	12	9	0	0	0	0	1	0	0	0	0	0	5.52	-	-	
WHITEHILLOCKS ...	9 9	258	16.6	7.2	11.9	-	21.0	5	0.9	19	-	-	54	-	16	12	12	8	0	0	0	0	0	0	0	0	0	0	-	-	-	-
PERTH																																
ABERFOYLE ...	9 9	27	-	-	-	-	-	-	-	-	-	-	150	-	26	11	18	16	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARDTALWAG ...	9 9	130	17.0	9.2	13.1	-	22.8	5	5.4	27	-	-	86	-	24	8	21	17	0	0	0	0	1	0	0	0	0	0	3.65	-	-	
ASHINTULLY CASTLE ...	9 9	341	16.3	7.2	11.7	-	21.9	5	3.0	26	-	-	68	-	13	14	19	14	0	0	0	0	0	0	0	0	0	0	0	0		
BLAIRGOWRIE ...	9 9	70	17.8	8.7	13.3	-	22.9	5	4.8	26	14.5	-	69	-	19	10	22	12	-	-	-	-	0	0	0	0	0	0	4.44	-	-	
CALLANDER ...	9 9	107	17.0	8.2	12.6	-	21.7	5	2.0	5	-	-	132	-	26	11	19	17	0	0	0	0	1	0	0	0	0	0	-	-	-	
DALL ...	9 9	232	16.4	6.9	11.7	-	21.9	5	0.6	19	-	-	75	-	22	8	23	13	0	0	0	0	1	0	0	0	0	0	-	-	-	
DRUMMOND CASTLE ...	9 9	113	17.2	8.2	12.7	-	21.1	5	4.2	26	14.1	-	111	-	27	14	22	15	0	0	0	0	1	0	0	0	0	0	4.93	-	-	
DUNBLANE ...	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FASKALLY ...	9 9	94	17.4	8.7	13.1	-	22.8	5	3.3	27	14.7	14.0	81	-	18	10	20	14	0	0	0	0	0	0	0	0	0	0	-	-	-	
GLENARGLES ...	9 9	152	17.4	7.2	12.3	-	21.6	5	2.3	5.19	-	-	74	-	24	8	16	12	0	0	0	0	1	1	0	0	0	0	4.99	-	-	
KINDROGAN ...	9 9	259	16.2	6.6	11.4	-	20.6	5	1.7	4	-	-	72	-	12	14	20	13	0	0	0	0	0	0	0	0	0	0	-	-	-	
PERTH ...	9 9	23	18.4	9.7	14.1	-0.2	22.5	5	5.1	27	-	-	73	90	26	8	16	10	0	0	0	0	0	0	0	0	0	0	4.50	104	-	-
PITLOCHRY ...	9 9	144	16.8	8.3	12.5	-	22.2	5	3.5	27	-	-	68	-	14	10	20	13	0	0	0	0	0	0	0	0	0	0	4.08	-	-	
STRATHALLAN ...	9 9	41	18.2	9.6	13.9	-	22.6	5	5.0	5	-	-	60	-	26	8	14	9	0	0	0	0	0	0	0	0	0	0	-	-	-	
KINROSS																																
KINROSS ...	9 9	116	17.8	8.1	12.9	-	21.5	5	3.0	5	14.2	-	66	-	11	10	16	12	-	0	-	-	-	0	0	0	0	0	4.73	-	-	
FIFE																																
BELLISTON ...	9 9	82	17.6	9.9	13.7	-	21.0	7	6.8	19	14.4	-	44	-	15	14	14	9	0	0	0	0	3	0	0	0	0	0	-	-	-	
GLENROTHES (GLENWOOD) ...	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KIRKCALDY ...	9 9	32	18.3	10.0	14.1	0.0	21.6	6	5.2	19	-	-	46	-	12	15	14	10	0	0	0	0	1	1	0	0	0	0	5.27	112	-	-
LEUCHARS ...	21-9	10	18.4	9.6	14.0	-0.1	22.0	6	6.5	13	-	-	41	54	9	8	14	8	0	0	0	0	1	0	0	0	0	0	5.35	109	-	-
PITREAVIE ...	21-9	40	18.3	10.3	14.3	-	22.2	5	5.8	19	-	-	59	-	17	8	15	11	0	0	0	0	1	0	0	0	0	0	0	0		
ST ANDREWS ...	9 9	18	18.3	10.4	14.3	-	21.8	6	6.7	5	14.8	13.5	33	43	10	14	15	7	0	0	0	0	1	0	0	0	0	0	5.31	-	-	
WEST LOTHIAN																																



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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AUGUST 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HIGHT 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 AMOUNT (MM)	DATE	PRECIP- ITATION		SNOW OR BLEET	SNOW LYING AT 09	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 09	AIR FROST	GRASS FROST BELOW 0 C	CONCRETE FROST BELOW 0 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															
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	0	1	2	0	0	0	0	0	4.75	-	-
CLEVELAND	9 9	9	10.9	11.5	15.2	-0.0	22.3	6	6.5	28	-	-	30	-	11	10	9	6	0	0	0	0	0	1	1	0	0	0	0	0	5.19	-	-
MARTON	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH YORKSHIRE	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	0	1	1	0	0	0	0	0	5.27	113	-
ASHHAM BRYAN	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	0	3	1	0	0	0	0	0	5.22	-	-
CAWOOD	9 9	37	10.6	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	6.72	-	-
FILEY	9 9	175	10.2	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	5.88	-	-
HIGH MOWTHORPE	21-9	32	19.3	10.4	14.9	-	22.6	6	4.4	28	-	-	54	-	13	26	13	11	0	0	0	0	0	2	2	0	0	0	0	0	5.18	-	-
LEEMING	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	-	-	-
MALHAM TARN	9 9	44	19.6	8.9	14.3	-	23.6	6	2.2	28	-	-	64	-	13	11	16	11	0	0	0	0	0	1	0	0	0	0	0	0	6.64	133	-
PICKERING	9 9	53	10.6	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	0	2	0	0	0	0	0	6.64	133	-
SCARBOROUGH	9 9	203	10.2	9.8	14.0	-	22.5	6	3.2	28	13.9	-	69	-	10	8	17	12	0	0	0	0	0	0	2	0	0	0	0	0	-	-	-
SILPHO MOOR	21-9	60	10.4	11.1	14.7	-	22.5	15	5.6	28	-	-	30	-	9	11	13	9	0	0	0	0	0	0	1	0	0	0	0	0	-	-	-
WHITBY (COASTGUARD)	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	0	1	1	0	0	0	0	0	5.60	-	-
YORK (HESLINGTON)	9 9	48	10.6	9.8	14.2	-	23.4	15	4.0	28	-	-	67	-	15	26	14	11	0	0	0	0	0	0	1	0	0	0	0	0	6.76	-	-
HUMBERSIDE	9 9	3	20.5	10.0	15.3	-	24.0	15	3.6	28	-	-	65	-	15	26	13	10	0	0	0	0	0	2	0	0	0	0	0	0	6.46	121	-
BRIDLINGTON	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	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	6.05	119	-
HULL	21-9	12	10.4	12.2	15.3	-	22.5	15	8.0	18.19	-	-	73	-	15	25	11	11	0	0	0	0	0	1	0	0	0	0	0	0	6.58	-	-
KILNSALE	9 9	108	10.9	10.5	14.7	-	23.0	15	6.4	28	-	-	71	-	15	25	14	9	0	0	0	0	0	0	0	0	0	0	0	0	6.47	-	-
LINCOLNSHIRE	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	0	3	0	0	0	0	0	0	6.46	121	-
BIBBROOK	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	6.55	-	-
CANNWELL	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	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	0	3	0	0	0	0	0	0	6.36	117	-
3 EAST ANGLIA																																	
NORFOLK	21-9	17	20.2	10.7	15.5	-	26.5	15	4.0	28	-	-	80	-	17	7	16	13	0	0	0	0	0	4	0	0	0	0	0	0	-	-	-
COTTISHALL	9 9	20	21.1	10.7	15.9	-	26.3	15	4.1	28	-	-	81	-	20	26	15	14	0	0	0	0	0	4	0	0	0	0	0	0	-	-	-
COSTESSEY	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	0	1	0	2	0	0	0	0	0	7.35	131	-
CROMER	9 9	53	21.9	10.1	16.0	-	27.0	15	3.0	28	-	-	77	-	16	11	16	13	0	0	0	0	0	0	4	1	0	0	0	0	-	-	-
EAST DEREHAM	21-9	4	10.7	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	0	3	0	0	0	0	0	0	6.89	115	-
GORLESTON	9 9	23	20.7	11.1	15.9	-	26.2	15	5.4	28	-	-	67	-	17	11	14	11	0	0	0	0	0	3	0	0	0	0	0	0	6.52	-	-
MARHAM	9 9	48	20.9	10.3	15.6	-	26.5	15	5.2	28	16.5	-	67	-	14	11	15	13	0	0	0	0	0	4	0	0	0	0	0	0	6.20	-	-
MORLEY ST BOTOLPH	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	0	1	0	0	0	0	0	6.00	-	-
SANTON DOWNHAM	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	0	3	0	0	0	0	0	0	6.36	-	-
SCOLE	9 9	3	21.4	10.1	15.7	-0.2	25.4	15	4.4	28	16.1	-	85	-	21	11	13	11	0	0	0	0	0	0	0	0	0	0	0	0	6.47	117	-
TERRINGTON ST CLEMENT	9 9	44	20.8	10.9	15.9	-	25.3	15	5.8	20	-	-	112	-	50	4	16	13	0	0	0	0	0	3	3	0	0	0	0	0	6.20	-	-
CAMBRIDGESHIRE	9 9	12	21.0	(10.8)	(15.9)	(-0.5)	25.4	15	4.0	28	16.8	15.8	76	122	20	4	14	11	0	0	0	0	0	2	0	0	0	0	0	0	-	-	-
BOXWORTH	9 9	26	20.8	11.0	15.9	-	25.3	15	5.5	28	-	-	117	-	30	9	14	12	0	0	0	0	0	2	0	0	0	0	0	0	6.66	117	-
CAMBRIDGE	9 9	2	(21.6)	(10.8)	(16.2)	-	25.8	15	6.1	20	-	-	100	169	35	4	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BOTANIC GARDENS	9 9	1	21.2	9.5	15.3	-	25.6	15	2.5	28	16.0	13.8	80	-	21	4	15	13	0	0	0	0	0	2	1	0	0	0	0	0	6.08	-	-
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	40	20.6	10.2	15.4	-	25.0	15	3.5	28	16.3	14.9	117	-	26	8																	



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (FEET)	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		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	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE														0-2 MM OR MORE	1-0 MM OR MORE
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY ...	9 9	65	21.3	11.6	16.5	-0.3	25.0	22.23.25	7.0	22.28	-	-	90	-	22	25	13	12	0	0	0	0	0	0	0	0	0	0	0	0	
ENFIELD ...	9 9	17	21.5	12.4	16.9	-	24.1	15.21	6.3	28	16.8	15.1	65	-	11	11	15	13	0	0	0	0	0	0	0	0	0	0	0	0	
GREENWICH ...	9 9	7	21.1	12.4	16.7	-	24.0	22	7.0	28	-	-	79	-	18	18	14	12	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPSTEAD ...	9 9	137	120.4	111.6	116.0	(-0.3)	23.2	22	4.5	20	-	-	62	92	13	8	15	11	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPTON ...	9 9	12	20.5	12.2	16.3	-0.8	23.5	22	7.1	28	-	-	64	-	25	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEATHROW AIRPORT	21-9	25	21.4	12.2	16.8	-0.2	24.6	15	7.8	28	-	-	68	-	18	25	16	12	0	0	0	0	0	0	0	0	0	0	0	0	
KENSINGTON PALACE	9 9	25	21.6	12.7	17.1	-0.3	24.3	22.23	7.7	28	17.7	16.3	64	98	13	12	16	13	0	0	0	0	0	0	0	0	0	0	0	0	
KEN	21-9	6																													
PSYCHROMETER ...			20.8	10.8	15.8	-	24.0	7	3.2	28	16.4	15.2	62	98	11	25	15	14	0	0	0	0	0	0	0	0	0	0	0	0	
NORTH WALL SCREEN			21.0	12.2	16.6	-0.5	24.4	7	6.1	28	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONDON WEATHER CENTRE																															
ST JAMES PARK	9 9	4	21.2	13.0	17.1	-0.4	24.1	22	8.2	28	-	-	62	100	12	11	14	14	0	0	0	0	0	0	0	0	0	0	0	0	
SOUTHGATE	9 9	67	121.2	112.7	116.9	(-0.2)	24.4	22	7.4	28	16.6		59	92	11	11.25	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0
WADDON	9 9	59	20.8	11.7	16.3	-0.4	24.5	22	7.0	28	-	-	84	-	27	25	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0
WEALSTONE																															
WILTSHIRE																															
BOSCOMBE DOWN	21-9	126	19.6	10.7	15.1	-0.8	23.2	21	5.9	28	-	-	95	142	23	25	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0
LACOCK	9 9	49	19.9	9.3	14.6	-	22.8	20	2.6	28	-	-	81	-	20	25	14	11	0	0	0	0	0	0	0	0	0	0	0	0	0
LARKHILL	9 9	132	19.7	10.4	15.1	-0.5	23.0	15	4.6	28	-	-	83	117	23	25	18	14	0	0	0	0	0	0	0	0	0	0	0	0	0
LYNEHAM	21-9	145	17.8	10.1	13.9	-1.7	22.0	20	5.8	19	-	-	51	-	14	10	14	9	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTON	9 9	110	19.8	9.7	14.7	-0.9	22.9	21	3.6	28	15.7		86	123	22	25	15	13	0	0	0	0	0	0	0	0	0	0	0	0	0
UPVON	21-9	179	19.5	10.8	15.1	-	23.7	21	6.4	28	-	-	101	-	26	25	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0
BERKSHIRE																															
EASTHAMPTON	9 9	77	20.3	9.6	14.9	-	23.6	15	1.7	28	16.0	15.1	70	-	16	25	15	12	0	0	0	0	0	0	0	0	0	0	0	0	0
FINCHAMPTON	9 9	65				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLEY	9 9	43	20.3	10.4	15.3	-	23.9	15	4.0	28	16.6	-	93	-	18	25	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0
READING	9 9	66	20.2	10.8	15.5	-	23.5	15	4.8	28	16.1	15.1	82	-	19	25	16	13	0	0	0	0	0	0	0	0	0	0	0	0	0
SHINFIELD	9 9	61	20.7	10.7	15.7	-0.6	23.7	15.21	4.5	28	-	-	77	127	18	25	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0
SURREY																															
NICKLEHAM	9 9	55	20.5	9.7	15.1	-0.8	23.8	7	4.3	28.29	17.3	16.0	70	-	16	25	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0
WISLEY	9 9	35	21.2	10.4	15.8	-0.7	24.4	22	1.2	19	17.0	16.1	77	-	16	25	13	13	0	0	0	0	0	0	0	0	0	0	0	0	0
KENT																															
DOVER	9 9	6				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNGENESS	9 9	3	19.6	13.4	16.5	-	21.4	15.16	5.5	28	-	-	82	-	15	7	13	11	0	0	0	0	0	0	0	0	0	0	0	0	0
EAST MALLING	9 9	37	20.8	11.0	15.9	-0.2	23.5	22	3.6	28	16.7	15.7	90	-	15	7	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0
ELSTON	9 9	5	21.3	10.3	15.8	-	25.9	16	2.4	28	-	-	91	-	23	3	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0
FAVERSHAM	9 9	48	20.8	11.2	16.0	-	23.8	16	4.2	28	17.0	16.5	101	-	23	4	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0
FOLKESTONE	9 9	31	19.6	12.1	15.9	-	22.2	15	5.2	28	-	-	108	174	23	18	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0
GILLINGHAM	9 9	4	21.6	12.5	17.1	-	25.0	22	6.4	28	-	-	60	-	12	8	12	10	0	0	0	0	0	0	0	0	0	0	0	0	0
GOUDHURST	9 9	85	20.3	11.0	15.7	-0.0	23.0	22	3.8	28	-	-	89	113	14	3	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0
HARLOW COLLEGE	9 9	30	20.8	10.2	15.5	-	23.9	22	2.7	28.29	16.4	15.5	80	-	15	18	14	12	0	0	0	0	0	0	0	0	0	0	0	0	0
HERNE BAY	9 9	31				-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HASTON	21-9	44	20.7	12.4	16.5	-	24.8	16	6.6	28	-	-	75	-	16	7	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0
MARGATE	9 9	16	20.2	12.5	16.3	-0.8	25.0	16	9.1	28	17.4	16.4	71	-	14	7	12	11	0	0	0	0	0	0	0	0	0	0	0	0	0
THORNLEY	9 9	150	20.3	10.8	15.5	-	23.1	23	6.2	28	16.2	14.9	85	-	23	4	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0
ULCOMBE	21-9	47	20.9	10.7	15.8	-	24.1	22	3.2	28	-	-	93	-	19	7	13	12	0	0	0	0	0	0	0	0	0	0	0	0	0



[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HOURS) 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					AMOUNT (MM)	DATE																	
8A WALES S CONTINUED																																	
WEST GLAMORGAN																																	
MUMBLES HEAD ...	21-9	36	17.7	12.5	15.1	-	21.0	20	9.5	19	-	-	157	123	35	7	19	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEATH ...	9-9	62	18.8	11.7	15.3	-	21.9	6	7.0	3	-	-	111	109	27	13	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PENMAEN ...	9-9	85	18.3	11.5	14.9	-	21.1	3	8.3	3	16.8	16.4	109	102	27	13	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORT TALBOT ...	9-9	7	19.7	11.8	15.7	-	23.3	3	7.2	3.19	-	-	109	102	27	13	20	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANSEA ...	9-9	8	19.1	12.5	15.8	-0.7	21.8	20	10.0	2.3.27	17.2	17.1	107	102	27	13	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MID GLAMORGAN																																	
LLYNIDY ...	9-9	242	17.3	8.9	13.1	-	20.5	20	4.2	28	-	-	108	76	24	13	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTRICHAL ...	9-9	6	18.8	11.9	15.3	-	21.5	3	8.5	19	-	-	101	-	14	3	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWPORT ...	9-9	23	19.8	9.4	14.6	-	23.1	15	4.3	28	-	-	86	-	17	13	17	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
TREDEGAR ...	9-9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK ...	9-9	21	20.4	8.9	14.7	-0.9	24.0	15	3.0	28	17.1	-	83	-	24	13	12	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
FILTON ...	21-9	59	19.6	11.1	15.3	-0.8	23.2	15	4.8	28	-	-	93	-	19	25	16	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LONG ASHTON ...	9-9	51	19.5	10.7	15.1	-0.9	22.6	15	6.0	28	16.2	-	105	112	19	3	17	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SOMERSET																																	
CANNINGTON ...	9-9	23	19.8	11.0	15.4	-1.0	24.0	15	5.5	28	17.8	-	107	147	37	3	15	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXTON ...	21-9	336	17.9	9.7	13.8	-	21.8	15	5.4	28	-	-	120	-	17	3	19	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HAWKRIIDGE ...	9-9	314	17.0	9.5	13.3	-	20.4	20	4.8	28	-	-	129	-	20	8	20	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NETTLECOMBE ...	9-9	96	19.1	9.9	14.5	-	22.5	15	3.3	28	17.0	-	86	-	20	3	15	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RODNEY STOKE ...	9-9	40	19.5	10.4	14.9	-	22.5	20	6.3	28	16.9	15.5	109	-	23	18	16	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WINCANTON ...	9-9	114	19.7	10.5	15.1	-	23.0	21	3.5	28	-	-	116	-	21	3	16	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
YEOVILTON ...	21-9	18	19.8	10.1	14.9	-	23.5	3	4.2	28	-	-	101	-	27	3	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DORSET																																	
BOURNEMOUTH																																	
HURN AIRPORT ...	21-9	10	20.1	10.4	15.3	-	22.6	21	3.0	28	-	-	84	-	22	30	14	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MEYRICK PARK ...	9-9	40	19.5	11.6	15.5	-1.0	21.7	22	5.3	28	16.8	15.9	87	134	20	25	15	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHRISTCHURCH ...	9-9	3	20.0	(10.4)	(15.2)	-	22.0	20	3.5	28	-	-	88	-	27	30	12	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POOLE ...	9-9	5	20.3	11.1	15.7	-0.9	22.6	21	4.5	28	18.0	17.3	105	-	29	30	13	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PORTLAND BILL (COASTGUARD) ...	21-9	53	18.1	13.1	15.6	-0.5	20.2	3.19	10.6	19	-	-	134	-	34	25	16	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SHAFTESBURY ...	9-9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANAGE ...	9-9	11	18.7	12.5	15.6	-0.9	21.0	21	6.6	28	-	16.7	98	151	30	30	14	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WYMOUTH ...	9-9	23	19.4	12.1	15.7	-	22.0	19	7.1	28	-	-	132	-	34	3	14	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WIMFRITH ...	9-9	26	19.6	10.5	15.1	-	22.1	21	3.1	28	-	-	113	-	34	30	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DEVON																																	
CHELDON BARTON ...	21-9	164	18.9	9.9	14.4	-	22.4	21	4.8	28	16.1	-	110	-	17	25	18	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHIVENOR ...	21-9	6	19.2	12.0	15.6	-0.6	22.6	3	7.5	5	-	-	116	-	26	31	17	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXETER AIRPORT ...	21-9	32	19.7	11.0	15.3	-0.7	22.5	16	4.6	28	-	-	110	-	30	3	17	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXMOUTH ...	9-9	59	19.3	11.9	15.6	-0.3	22.5	16	6.5	28	-	-	171	-	44	3	19	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT ...	21-9	91	17.3	12.8	15.1	-0.4	19.8	9.4	28	7.20.29	-	-	100	121	18	13	16	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWTON ABBOT ...	9-9	83	(19.8)	(11.3)	(15.5)	(-0.4)	22.2	15.21	5.0	28	-	-	143	181	32	4	15	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
PLYMOUTH																																	
MOUNT BATTEN ...	21-9	27	18.1	11.8	14.9	-1.0	21.2	3	7.6	28	-	-	141	168	37	3	18	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
THE HOE ...	9-9	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

AUGUST 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL 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		90 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 1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 09	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09	AIR FROST	SEASON 1974 0-10°C	SEASON 1974 10-15°C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
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	14.2	12.8	57	7	5	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COOLKEERAGH ...	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	15.1	12.9	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	16.3	-	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRADE POINT ...	9 9	16	18.6	8.9	13.7	-	20.6	15	0.5	18	-	-	68	18	3	25	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	18.3	10.2	14.3	-0.0	21.4	15	3.8	19	15.5	13.6	56	-	18	9	20	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ALTNAHINCH ...	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	15.6	-	67	-	28	9	19	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILROOY ...	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LONTOWN ...	9 9	271	15.7	8.5	12.1	-	18.4	15	3.9	27	13.0	-	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	-	18.6	5	3.3	19	13.5	-	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	14.9	-	55	-	17	9	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTOWNABBIE ...	9 9	32	18.2	11.7	14.9	-	21.2	15	6.5	19	15.9	-	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	15.5	14.5	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENS 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	14.5	12.8	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLLOUGH ...	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	19	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	28	21	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHALL ...	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	21	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTADOWN ...	9 9	16	18.6	10.3	14.5	-	21.6	15	3.6	19	15.6	14.7	70	-	17	9	22	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TANDRAGEE ...	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS ...	21-9	113	17.8	9.2	13.5	-	21.5	4	2.0	19	-	-	82	-	12	7	23	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COOKSTOWN ...	9 9	77	17.7	9.3	13.5	-	20.2	15	3.2	19	14.8	-	77	-	14	28	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN ...	9 9	169	17.0	8.5	12.7	-	19.4	5.30	2.0	19	-	-	144	-	19	7	28	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POMEROY FOREST ...	9 9	165	17.0	8.9	12.9	-	19.5	5	2.5	19	15.4	-	78	-	12	28	21	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STRABANE CONVENT ...	9 9	44	18.6	10.1	14.3	-	21.8	5	3.5	19	-	-	89	-	14	24	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FERMANAGH																																
CASTLE ARCHAULE ...	9 9	66	17.5	9.4	13.5	-0.4	20.5	4	3.0	18.19	14.9	14.2	107	-	23	31	26	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FOREST ...	9 9	156	16.9	9.1	13.0	-	20.0	19	3.2																							



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	VAPOR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 30M	40 - 100M	200 - 300M	400 - 900M	1000 - 1900M	2000 - 3000M	4 - 8KM	10 - 19KM	20 - 30KM	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														
																													SPEED (KT)													
																													NUMBER OF OBSERVATIONS													
0 SCOTLAND N SHELTAND																																										
LERWICK	83	3	1011.1	-	10.9	0.5	12.4	95	5.6	0	7	4	13	5	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	12	8	4	2				
	9	1011.2	+ 0.8	12.5	1.0	12.9	89	6.2	0	4	4	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	7	9	5	3				
	15	1011.7	-	13.2	1.4	13.0	15	6.0	0	3	5	17	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	8	8	7	2	1					
	21	1012.1	-	11.3	0.6	12.5	93	6.7	0	1	4	17	7	2	0	0	1	1	1	1	5	2	13	6	0	0	1	7	22	1	0	0	2	4	8	9	6	1				
ORKNEY																																										
KIRKALL	26	3	1011.0	-	11.1	0.5	12.4	93	5.3	0	8	4	11	8	0	0	0	0	0	0	0	2	5	2	14	8	0	0	16	14	1	0	1	3	3	11	9	3	0			
	9	1011.2	+ 0.6	13.5	1.2	13.3	86	6.3	0	3	3	18	5	2	0	0	0	1	1	1	1	1	6	14	6	0	0	23	7	1	2	0	3	4	9	8	2	2				
	15	1011.6	-	14.9	2.1	13.1	77	6.0	0	4	2	22	2	1	0	0	1	0	0	0	2	3	13	12	0	0	19	12	0	0	0	3	7	8	5	6	2					
	21	1011.9	-	11.5	0.7	12.4	91	5.5	0	4	8	14	5	0	0	0	0	0	1	3	4	14	8	0	2	11	15	3	0	0	0	4	3	13	3	5	0					
CAITHNESS																																										
WICK	37	3	1011.2	-	10.8	0.7	11.9	91	5.2	2	7	2	15	4	1	0	0	1	1	1	1	2	1	10	14	0	0	8	19	4	0	1	2	2	11	6	4	1				
	9	1011.4	+ 0.6	13.5	1.6	12.7	82	6.2	0	2	5	17	5	2	0	0	2	0	0	0	3	4	6	16	0	0	16	15	0	0	1	2	4	9	6	5	4					
	15	1011.6	-	14.7	2.1	13.1	78	6.5	0	0	5	24	2	0	0	0	1	0	1	0	5	8	15	0	1	20	10	0	2	2	9	7	2	2	5	1						
	21	1011.9	-	12.2	1.1	12.5	87	5.4	0	5	6	16	4	0	0	0	0	0	0	1	3	2	6	18	0	1	7	19	4	0	2	4	5	8	2	6	0					
SUTHERLAND																																										
CAPE WRATH	113	3	1009.4	-	12.3	0.5	12.4	94	6.1	0	5	4	6	16	0	0	0	0	0	0	0	0	1	3	17	10	0	0	11	19	1	0	0	2	3	6	17	0	2			
	9	1010.0	-	12.6	0.6	13.7	93	5.9	0	3	9	9	10	0	0	0	0	0	0	0	2	3	11	15	0	0	12	16	3	1	0	3	4	4	11	4	1					
	15	1010.3	-	13.9	0.8	14.4	91	5.9	0	3	8	11	9	0	0	0	0	0	0	0	0	1	13	17	0	3	9	17	2	0	0	4	2	0	15	6	2					
	21	1010.3	-	12.7	0.5	13.8	94	6.4	0	0	8	12	11	0	0	0	0	0	0	0	1	4	14	12	0	3	7	20	1	1	0	3	2	5	14	3	2					
ROSS & CROMARTY																																										
STORMOY	5	3	1010.0	-	11.3	0.6	12.4	93	5.7	1	7	1	11	11	0	0	0	0	0	0	0	4	6	19	2	0	1	5	20	5	0	0	1	4	9	8	4	0				
	9	1010.2	+ 0.5	13.4	1.2	13.2	86	5.4	2	2	8	13	6	0	0	0	0	0	0	3	5	15	10	0	2	10	17	2	1	0	0	2	4	12	4	5	1					
	15	1010.4	-	14.7	1.9	13.2	79	6.0	0	2	7	17	5	0	0	0	0	0	1	1	7	13	9	0	2	18	11	0	0	1	2	3	14	4	5	2						
	21	1010.4	-	12.2	0.9	12.8	89	5.7	0	5	7	10	9	0	0	0	0	0	0	4	4	16	7	0	1	8	19	3	0	1	3	1	11	5	6	1						
INVERNESS-SHIRE																																										
BENBECULA	7	3	1010.0	-	12.0	0.7	12.9	92	5.4	1	5	7	9	9	0	0	0	0	0	0	4	6	7	14	0	1	14	15	1	2	0	1	3	8	7	8	1					
	9	1010.2	+ 0.4	13.6	1.2	13.5	86	5.5	1	5	4	16	5	0	0	0	0	1	2	1	8	8	11	0	2	16	13	0	1	0	2	3	9	4	9	3						
	15	1010.6	-	15.0	1.8	13.8	81	5.6	0	6	4	16	5	0	0	0	0	0	0	3	5	7	16	0	1	20	10	0	0	0	2	2	5	12	7	3						
	21	1010.4	-	13.0	1.0	13.2	88	6.5	0	1	5	16	9	0	0	0	0	0	0	2	6	13	10	0	2	14	13	2	1	0	3	1	9	7	8	0						
1 SCOTLAND E																																										
MORAYSHIRE																																										
KINLOSS	6	3	1011.6	-	11.4	1.5	11.1	82	4.8	1	9	4	14	3	0	0	0	0	0	0	0	1	3	7	20	0	0	5	25	1	0	0	1	1	10	16	2	0				
	9	1011.7	+ 0.6	14.8	2.6	12.2	72	5.7	0	4	5	21	1	0	0	0	0	0	0	0	3	0	6	22	0	0	11	18	2	1	1	2	1	5	9	9	1					
	15	1011.5	-	17.1	3.8	12.4	63	5.9	0	2	9	17	3	0	0	0	0	0	0	0	1	3	6	21	0	1	13	16	1	6	2	2	1	6	9	2	2					
	21	1011.9	-	13.7	1.9	12.4	79	6.0	0	4	4	20	3	0	0	0	0	0	0	1	3	2	7	18	0	0	3	27	1	2	1	4	1	9	9	2	2					
ABERDEENSHIRE																																										
DYCE	59	3	1012.5	-	10.6	0.7	11.8	91	5.3	0	8	4	12	5	2	0	2	0	0	0	0	2	6	9	12	0	0	3	22	6	3	1	1	1	8	5	3	3				
	9	1012.7	+ 1.3	14.4	2.2	12.6	76	5.7	0	3	7	18	3	0	0	0	0	1	2	3	2	9	14	0	0	14	17	0	0	0	2	11	5	6	4	0						
	15	1012.5	-	16.2	3.0	12.9	70	6.5	0	0	7	18	6	0	0	0	0	1	0	5	3	7	15	0	0	17	13	1	2	1	2	5	11	7	1	1						
	21	1012.8	-	13.0	1.2	12.9	86	6.0	0	5	3	16	6	1	0	0	0	1	2	0	4	4	9	11	0	0	8	18	5	1	0	1	1	7	6	9	1					
FRASERBURGH																																										
ANOUS	22	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
USAN																																										
FIFE	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	1013.4	-	13.4	1.0	13.7	89	5.5	0	3	9	14	4	1	0	0	1	0	0	2	2	1	1	24	0	0	11	13	7	1	1	0	0	8	4	9	1					
	LEUCHARS																																									
MIDLOTHIAN	12	3	1012.9	-	11.2	0.8	12.0	90	5.5	0	5	8	12	4	2	0	0	1	2	0	1	2	3	15	7	0	0	6	20	5	0	2	2	0	16	4	0	1				
	9	1013.1	+ 1.6	14.6	2.2	12.7	77	5.6	0	5	7	11	8	0	0	0	0	1	0	1	3	8	10	8	0	1	12	18	0	0	2	6	2	4	9	7	1					
	15	1012.7	-	16.9	3.4	12.7	67	6.4	0	0	7	17	6	1	0	0	1	0	0	1	1	3	13	12	0	1	22	8	0	3	5	3	2	9	9	0	0					
	21	1013.1	-	13.3	1.4	12.8	84	5.4	0	5	9	12	4	1	0	0	1	0	0	3	1	6	9	11	0	0	6	23	2	1	2	2	3	11	8	0	0					
TURNHOUSE																																										
6 SCOTLAND W	44	3	1013.2	-	11.2	1.1	11.6	87	4.4	1	12	4	7	7	0	0	0	1	2	0	0	1	3	20	4	0	0	3	21	7	0	4	0	0	2	14	4	0				
	9	1013.3	+ 1.4	14.5	1.9	13.2	80	5.9	0	3	5	19	4	0	0	0	1	0	0	1	4	7	13	5	0	0	10	21	0	0	6	2	1	2	7	13	0					
	15	1013.0	-	17.4	4.0	12.2	63	6.4	0	1	5	20	5	0	0	0	1	0	0	1	1	5	8	15	0	0	18	13	0	0	4	2	0	3	14	7	1					
	21	1013.5	-	13.6	1.5	12.9	83	5.6	0	2	8	20	1	0	0	0	0	0	0	1	0	3	6	14	7	0	0	4	26	1	0	3	1	1	9	10	6	0				
MORAYSHIRE																																										
MACHAR/MANISH	14	3	1012.5	-	12.5	1.1	12.7	87	5.7	0	7	3	1																													



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 OBSERVED	SPEED (KT)														
																								34 OR MORE	22-33	11-21	1-10									0		
																																					0	
																																						N
NUMBER OF OBSERVATIONS																																						
6 SCOTLAND W - CONTO. DUMFRIESHIRE																																						
ESKDALEHUIR	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	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	0	1	4	2	8	9	7	0	1	4	16	10	1	0	1	1	9	4	4	1
2 ENGLAND E & NE NORTHUMBRIA																																						
ACKLINGTON	46	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	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
SEAHOUSES	2	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	0	1	1	6	4	10	8	0	0	1	10	20	0	2	2	1	3	9	4	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	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	1	0	1	0	0	0	0	1	3	17	9	0	0	0	10	20	1	2	2	0	2	12	3	9
NORTH YORKSHIRE																																						
LEEMING	33	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	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	0	1	1	6	9	14	0	0	3	27	1	0	2	0	7	6	6	6	3
WHITBY C.O.	66	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	8	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	6	4	1	
		21	1015.3	-	14.1	1.4	13.6	84	5.7	0	2	11	8	9	1	1	0	0	0	0	1	6	12	10	1	0	1	9	19	2	1	0	1	3	15	6	1	2
HUMBERSIDE																																						
KILNSEA	16	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																																						
BINBROOK	112	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	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	0	2	7	9	13	0	0	0	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	0	3	6	20	2	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	0	3	6	6	16	0	0	0	4	25	2	0	1	3	7	2	7	7	1
WADWINGTON	70	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	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	0	1	1	7	18	4	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	17	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	0	11	18	2	1	3	1	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	0	4	4	3	18	6	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	0	4	5	8	14	0	0	0	2	23	6	1	2	6	4	4	4	0	
DOORLESTON	8	3	1015.7	-	14.8	0.9	15.2	90	3.5	13	2	4	6	6	0	1	0	0	0	1	4	25	0	0	0	0	1	7	21	2	1	2	1	3	7	5	7	3
		9	1016.2	+ 2.3	16.4	1.6	15.7	84	5.0	3	4	9	8	7	0	0	0	0	0	2	10	19	0	0	0	0	1	11	16	3	2	4	2	2	4	6	4	
		15	1016.1	-	17.7	2.5	15.5	77	5.5	3	1	9	10	8	0	0	0	0	0	1	7	23	0	0	0	0	0	14	16	0	3	7	4	2	6	4	3	
		21	1016.4	-	16.7	1.8	15.5	82	4.5	7	4	4	5	11	0	0	0	0	0	1	1	2	27	0	0	0	1	6	22	2	2	3	5	5	5	6	3	0
HARHAM	24	3	1015.8	-	12.2	0.3	13.9	96	4.7	4	6	6	5	10	0	0	0	0	1	2	9	13	6	0	0	0	0	3	28	0	3	3	3	6	9	3	4	0
		9	1016.2	+ 2.3	16.2	1.7	15.3	83	5.3	0	7	5	11	8	0	0	0	0	1	1	6	7	12	4	0	0	10	21	0	3	2	4	2	5	8	4	3	
		15	1015.6	-	19.5	4.1	14.2	63	5.6	0	3	9																										



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1974

STATION	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY						WIND SPEED AND DIRECTION																							
		AT HSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 590M	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 OBSERVED											34 OR MORE	22-33	11-21	1-10	0	SPEED (KT)													
NUMBER OF OBSERVATIONS																																											
3 EAST ANGLIA -CONTO. ESSEX																																											
SHOBURTHNESS	5	9	1016.7 + 2.0	17.3	2.3	15.3	77	5.6	0	5	8	12	6	0	0	0	0	0	0	1	8	3	12	7	0	1	8	22	0	4	2	4	3	4	7	4	3						
	15	1016.2	-	19.7	3.9	14.9	85	5.5	0	4	9	12	6	0	0	0	0	0	1	1	3	4	6	16	0	0	13	18	0	0	1	9	4	3	6	7	3						
	21	1016.3	-	16.1	1.7	15.1	82	4.7	2	9	2	13	5	0	0	0	0	0	0	0	4	4	11	12	0	0	9	21	1	1	2	4	3	11	3	3							
	9	1016.0	-	12.4	0.6	13.5	92	5.3	3	5	5	5	12	1	0	0	2	0	1	5	11	7	5	0	0	0	1	27	3	3	3	1	5	9	4	0							
STANSTED	102	9	1016.5 + 2.1	16.0	2.2	14.1	78	5.5	0	5	8	10	8	0	0	0	0	0	0	2	10	4	13	2	0	0	8	21	2	3	1	4	3	2	6	7	3						
	15	1015.6	-	19.2	4.9	12.5	56	5.9	0	3	6	15	7	0	0	0	0	0	0	1	1	8	13	8	0	0	13	18	0	2	1	2	7	4	4	9	2						
	21	1016.4	-	14.4	1.9	13.1	80	4.9	2	7	4	14	4	0	0	0	0	0	0	1	8	4	16	0	0	0	2	27	2	4	2	4	3	4	6	6	0						
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
WALTON-ON-THE-HAZE	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-							
4 MIDLAND COUNTIES WEST YORKSHIRE																																											
HUDDERSFIELD	236	3	1015.1	-	10.9	1.3	11.0	84	4.6	5	6	3	7	8	2	0	2	0	0	1	2	10	11	5	0	1	2	9	19	0	0	4	2	0	6	6	12	1					
	9	1015.4	-	14.5	1.9	13.1	79	5.7	1	3	5	16	3	3	0	2	0	2	1	0	5	7	14	0	0	3	14	14	0	1	3	4	0	4	8	9	2						
	15	1015.1	-	17.1	3.6	12.7	85	6.5	0	1	4	17	9	0	0	0	0	0	2	2	6	21	0	0	0	3	18	10	0	1	2	1	3	2	7	15	0						
	21	1015.6	-	13.0	1.4	12.6	84	5.4	4	1	7	11	8	0	0	0	0	0	0	2	2	11	16	0	0	2	10	19	0	1	4	2	1	5	6	10	2						
MILSDEN	267	3	1015.6	-	10.8	0.7	11.9	91	4.3	3	7	8	3	8	2	0	2	0	0	1	5	23	0	0	0	0	0	5	19	7	0	1	2	1	4	7	8	1					
	9	1015.0	-	13.4	1.5	12.9	83	5.3	1	5	7	10	5	3	0	0	2	2	1	0	4	17	5	0	0	1	7	21	2	1	2	4	2	1	8	9	2						
	15	1015.2	-	16.1	2.7	13.3	72	6.0	0	2	8	14	7	0	0	0	0	0	0	1	4	15	11	0	0	0	12	19	0	0	2	1	2	4	8	11	3						
	21	1016.1	-	12.6	1.3	12.5	85	5.5	0	6	6	6	13	0	0	0	0	0	1	0	3	23	4	0	0	0	8	22	1	1	2	3	4	4	7	9	0						
SOUTH YORKSHIRE																																											
FINNINGLEY	15	3	1015.1	-	11.0	0.5	12.5	94	4.7	0	9	9	3	9	1	0	1	0	2	1	2	14	3	7	1	0	0	3	27	1	4	2	0	8	9	3	2	2					
	9	1015.5 + 2.1	-	16.1	2.3	13.9	76	5.6	0	5	6	12	8	0	0	0	0	0	1	3	6	9	12	0	0	1	12	18	0	3	2	0	1	9	5	7	4						
	15	1014.9	-	19.2	4.7	12.9	58	6.0	0	0	10	16	5	0	0	0	0	0	0	0	0	9	13	9	0	0	16	15	0	1	4	3	4	7	8	3							
	21	1015.6	-	14.0	1.4	13.5	84	5.1	0	9	3	12	7	0	0	0	0	0	0	2	5	9	11	4	0	0	1	29	1	2	2	4	4	4	6	6	2						
NOTTINGHAMSHIRE																																											
WATNALL	119	3	1015.8	-	11.5	0.5	12.9	94	4.8	1	8	8	4	10	0	0	0	0	0	1	3	16	10	1	0	0	1	25	5	4	1	2	0	3	10	5	1						
	9	1016.1 + 2.6	-	15.2	1.7	14.1	81	6.0	0	0	13	11	7	0	0	0	0	0	1	1	11	11	7	0	0	0	7	23	1	1	4	1	1	4	11	5	3						
	15	1015.5	-	18.3	3.8	13.5	85	6.2	0	1	7	17	6	0	0	0	0	0	0	0	2	8	13	8	0	0	13	18	0	1	2	3	2	4	10	8	1						
	21	1016.1	-	14.1	1.5	13.5	83	5.0	0	9	6	9	7	0	0	0	0	0	1	1	9	16	4	0	0	0	2	28	1	2	5	3	2	4	7	6	1						
SALOP																																											
SHAWBURY	76	3	1015.5	-	10.7	0.6	12.0	92	5.5	1	4	6	15	4	1	0	0	0	3	0	3	5	4	14	2	0	0	0	20	11	3	1	1	0	6	4	5	0					
	9	1015.8 + 2.1	-	15.5	2.4	13.2	75	6.1	0	1	7	17	6	0	0	0	0	0	0	0	8	2	13	7	0	0	7	23	1	1	3	1	4	5	6	8	2						
	15	1015.3	-	18.2	4.0	13.0	83	6.4	0	1	6	16	8	0	0	0	0	0	2	0	9	10	10	0	0	0	11	20	0	2	1	2	7	4	10	3							
	21	1015.8	-	13.8	1.6	13.1	92	5.3	0	6	7	14	4	0	0	0	0	0	3	6	3	14	5	0	0	0	1	27	3	2	1	5	1	7	2	8	2						
WEST MIDLANDS																																											
EDOBASTON	165	9	1016.5 + 2.3	14.6	1.9	13.2	80	5.7	0	3	9	12	7	0	0	0	0	0	1	0	8	11	10	1	0	0	4	25	2	1	1	4	1	7	6	7	2						
	15	1015.7	-	18.0	4.1	12.7	63	6.3	0	1	8	14	8	0	0	0	0	0	1	4	9	6	11	0	0	0	8	22	1	1	2	2	5	7	5	6							
	21	1016.3	-	15.2	2.3	13.2	76	5.1	1	7	5	12	6	0	0	0	0	0	1	0	8	12	4	6	0	0	3	27	1	3	1	2	2	3	9	5	5						
	9	1016.0	-	10.9	0.4	12.6	95	4.8	3	5	6	11	6	0	0	0	0	0	1	1	9	12	8	0	0	0	3	25	3	2	1	1	4	9	6	2	3						
ELMDON	100	3	1016.3 + 2.3	15.2	1.9	13.7	80	5.7	0	3	8	14	6	0	0	0	0	0	2	5	13	11	0	0	0	0	7	24	0	5	2	0	2	7	8	5	2						
	9	1015.6	-	18.3	4.1	13.1	83	6.1	0	2	8	13	8	0	0	0	0	0	4	9	12	6	0	0	0	11	20	0	0	4	4	2	5	8	6	2							
	15	1015.7	-	17.7	4.4	11.8	59	6.0	0	1	10	13	7	0	0	0	0	0	1	0	2	4	11	13	0	0	14	17	0	2	5	3	1	5	10	0							
	21	1016.1	-	14.4	1.7	13.5	81	5.1	0	7	7	10	7	0	0	0	0	0	1	4	10	15	1	0	0	3	28	0	2	0	3	5	10	3	5	3							
HEREFORD & WORCESTER																																											
PERSHORE	36	3	1015.9	-	11.6	0.7	12.7	91	5.1	3	5	5	9	9	0	0	1	0	0	0	5	17	5	3	0	0	2	21	8	0	4	1	2	6	6	2	2						
	9	1016.3	-	15.7	2.3	13.6	76	6.1	0	4	2	21	4	0	0	0	0	0	0	6	8	12	4	0	0	7	24	0	2	2	2	4	3	8	9	1							
	15	1015.5	-	19.4	4.9	12.7	57	6.5	0	0	6	18	7	0	0	0	0	0	1	1	6	12	11	0	0	15	16	0	2	0	4	4	5	11	0								
	21	1016.0	-	14.7	1.9	13.3	79	5.2	0	9	3	10	9	0	0	0	0	0	1	2	7	12	9	0	0	1	25	5	2	2	1	4	4	10	3	0							
ROSS-ON-WYE	69	9	1016.0 + 1.8	15.4	2.2	13.4	77	5.4	0	5	8	12	6	0	0	0	0	0	0	1	9	5	12	4	0	0	0	29	2	1	1	3	1	5	9	7	2						
	15	1015.3	-	18.8	4.4	12.9	60	5.8	0	2	11	10	8	0	0	0	0	0	1	3	8	15	6	0	0	8	25	0	2	0	4	1	5	9	1	1							
	21	1015.9	-	14.2	1.7	13.3	81	4.2	1	14	1	7	8	0	0	0	0	0	1	0	8	6	13	3	0	0	0	29	2	0	0	3	0	4	16	4	2						
	9	1016.2	-	11.7	0.7	12.8	91	3.5	9	6	3	7	8	0	0	0	0	0	0	4	11	6	9	1	0	0	0	24	7</														



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

AUGUST 1974

STATION	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 (IN)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOR PRESSURE (IN)	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)													
																										34 OR MORE	22-33	11-21	1-10	0									
NUMBER OF OBSERVATIONS																																							
5 ENGLAND SE 4 CENT. S. -CONTD.																																							
WILTSHIRE																																							
BOSCOMBE DOWN 120																																							
9 1016.4 - 11.9 0.6 13.1 93 4.7 3 6 7 5 9 1 0 0 0 1 1 2 13 6 8 0 0 0 0 3 19 9 1 1 1 3 1 6 3 4 3 3																																							
15 1016.6 + 1.5 15.3 1.0 14.0 81 5.5 0 5 7 15 4 0 0 0 0 1 1 2 5 5 8 10 4 0 0 0 0 18 12 1 1 2 5 4 0 6 8 4																																							
21 1016.0 - 10.4 4.1 13.0 62 5.6 0 4 8 15 4 0 0 0 0 0 0 2 7 9 13 0 0 0 0 5 23 3 2 1 3 2 5 6 5 4																																							
LYNEHAM 149																																							
9 1016.4 - 12.0 0.8 13.1 93 5.5 2 3 7 8 9 2 0 2 0 0 2 3 7 10 5 2 0 0 0 5 25 1 3 2 3 2 8 3 7 2																																							
15 1016.8 + 2.1 14.8 1.5 14.0 84 5.9 0 4 5 15 7 0 0 0 1 0 1 3 7 5 10 4 0 0 0 10 21 0 3 3 1 5 3 7 9 0																																							
21 1016.0 - 10.1 3.6 13.8 37 5.7 0 3 12 11 5 0 0 0 0 0 0 0 3 4 14 10 0 0 0 16 15 0 3 1 3 1 8 6 10 1																																							
UPAYON 183																																							
9 1016.6 - 14.2 1.6 13.4 82 5.4 0 6 7 12 6 0 0 0 0 0 1 0 3 8 14 5 0 0 0 1 30 0 4 1 2 3 9 1 10 1																																							
15 1016.8 - 15.1 1.8 14.2 83 5.8 0 2 11 12 5 1 0 0 1 0 2 0 7 8 11 2 0 0 0 11 17 3 1 2 5 2 3 5 6 4																																							
21 1016.2 - 10.5 3.6 14.1 67 5.7 0 2 9 15 5 0 0 0 0 0 0 0 4 4 14 9 0 0 1 12 17 1 2 2 3 1 7 3 9 3																																							
KENT																																							
DUNGOESS 7																																							
3 1016.5 - - - - - 3.4 9 9 3 2 8 0 0 0 0 0 0 0 0 1 8 22 0 0 1 12 14 4 1 3 2 1 3 5 7 5																																							
9 1017.1 - 17.1 2.0 15.7 80 5.0 1 4 12 8 6 0 0 0 0 0 2 0 4 7 18 0 0 1 16 13 1 3 1 7 1 6 3 9 0																																							
15 1016.7 - - - - - 4.8 1 5 9 13 3 0 0 0 0 0 0 0 3 3 23 2 0 1 21 9 0 1 3 5 1 2 13 6 0																																							
21 1016.8 - - - - - 4.1 5 5 10 6 5 0 0 0 0 0 0 0 3 3 22 3 0 0 18 12 1 1 3 5 1 2 6 12 0																																							
MARSTON 45																																							
3 1016.3 - 13.7 0.8 14.3 91 4.0 5 9 4 4 9 0 0 0 0 0 0 1 4 9 15 2 0 0 7 20 4 2 2 0 3 5 7 8 0																																							
9 1016.8 - 17.2 2.3 15.2 78 4.9 0 8 7 10 6 0 0 0 0 0 1 0 7 7 9 7 0 0 13 17 1 2 4 2 3 6 4 2																																							
15 1016.3 - 19.4 3.8 14.8 66 4.6 2 5 11 9 4 0 0 0 0 0 0 0 3 9 8 11 0 0 16 15 0 2 4 4 4 3 6 4 2																																							
21 1016.7 - 15.0 1.4 14.6 85 4.5 1 11 3 12 4 0 0 0 0 0 0 2 5 6 14 4 0 0 7 24 0 2 4 3 4 4 10 3 1																																							
WEST SUSSEX																																							
GATWICK 60																																							
3 1016.8 - 11.6 0.3 13.4 97 4.7 3 9 3 4 11 1 0 2 2 2 0 4 10 10 1 0 0 0 1 21 9 1 1 2 1 2 9 5 1																																							
9 1017.0 + 2.1 16.2 1.8 15.1 81 5.8 0 6 3 16 6 0 0 0 0 0 2 13 6 8 2 0 0 7 23 1 3 2 7 1 3 7 6 1																																							
15 1016.5 - 19.1 4.0 14.1 84 5.6 0 2 10 13 6 0 0 0 0 0 0 1 2 11 9 8 0 0 14 17 0 1 1 3 3 4 10 8 1																																							
21 1017.0 - 14.1 1.1 14.3 88 5.1 0 7 7 14 3 0 0 0 0 0 0 3 7 13 8 0 0 0 1 27 3 2 3 4 0 6 8 4 1																																							
THORNEY ISLAND 5																																							
3 1016.5 - 13.2 0.8 13.9 90 4.0 6 9 3 4 9 0 0 0 0 0 3 3 3 6 15 1 0 0 8 22 1 2 8 2 0 3 4 7 4																																							
9 1016.9 + 1.8 16.5 2.0 15.1 80 5.6 0 8 1 15 7 0 0 0 0 0 0 2 4 8 11 6 0 0 13 18 0 4 2 6 2 4 3 8 2																																							
15 1016.6 - 18.9 3.7 14.4 66 4.9 0 9 5 14 3 0 0 0 0 0 0 0 1 7 10 13 0 1 17 13 0 1 3 0 2 8 9 8 0																																							
21 1016.8 - 15.0 1.4 14.5 84 4.9 1 9 4 10 7 0 0 0 0 0 0 0 2 12 13 4 0 0 7 23 1 2 5 4 0 3 5 10 1																																							
EAST SUSSEX																																							
EASTBOURNE C.G. 7																																							
9 -																																							



AUGUST 1974

TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

STATION	HEI. OF BAROMETER ABOVE MSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT						VISIBILITY										WIND SPEED AND DIRECTION																					
			AT MSL (HG)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES F	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																					
									0	1 - 2	3 - 5	6 - 7	8	SKY OBSERVED											34 OR MORE	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW										
																																					SPEED (KT)									
NUMBER OF OBSERVATIONS																																														
88 WALES S - CONTO.																																														
WEST GLANORAN																																														
MUMBLES HEAD	37	3	1016.0	-	13.8	1.1	13.9	88	4.6	4	6	6	6	9	0	0	0	0	0	0	0	0	8	13	10	0	3	15	12	1	4	4	3	0	2	7	9	1								
	9	9	1016.4	-	15.7	1.9	14.4	80	6.2	1	0	7	15	8	0	0	0	0	0	0	0	9	8	12	2	0	4	14	7	6	2	1	0	5	2	4	8	0								
	15	15	1016.1	-	16.8	2.3	14.7	77	5.9	0	3	8	12	8	0	0	0	0	0	1	5	9	7	0	5	19	5	2	1	0	1	0	1	9	8	11	0									
	21	21	1016.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
SOUTH GLANORAN																																														
RHOOSE	89	3	1016.0	-	12.0	0.9	12.6	89	4.9	4	5	4	9	9	0	0	0	0	0	2	2	11	13	3	0	0	4	26	1	3	6	3	0	4	1	7	6									
	9	9	1016.5	+ 1.8	15.3	2.0	13.8	79	5.8	0	3	8	13	7	0	0	0	0	0	1	9	7	13	1	0	0	14	17	0	0	4	5	4	0	3	12	3									
	15	15	1016.0	-	17.6	3.5	13.4	67	5.0	0	5	5	10	7	0	0	0	0	0	1	4	6	12	3	0	0	12	19	0	1	0	4	6	2	0	17	1									
	21	21	1016.3	-	13.9	1.4	13.5	84	4.8	0	9	6	12	4	0	0	0	0	0	4	13	8	6	0	0	0	4	25	2	2	1	2	2	6	1	11	4									
88 ENGLAND SW																																														
AVON																																														
FILTON	61	3	1016.3	-	12.5	0.8	13.1	90	4.5	5	6	5	6	9	0	0	0	0	0	1	5	14	11	0	0	0	3	22	6	2	3	1	1	3	4	11	0									
	9	9	1016.7	+ 2.2	15.6	2.2	13.8	77	5.6	0	6	3	18	4	0	0	0	0	0	3	6	7	13	2	0	0	9	21	1	1	4	3	4	2	5	10	1									
	15	15	1016.0	-	16.6	4.1	13.2	62	5.4	0	7	4	13	7	0	0	0	0	0	2	3	5	8	13	0	0	18	13	0	1	4	1	3	1	6	15	0									
	21	21	1016.5	-	14.8	1.9	13.5	80	4.8	1	10	4	10	6	0	0	0	0	0	1	3	13	14	0	0	0	2	26	3	2	1	2	3	6	2	11	1									
SOMERSET																																														
YEDVILTON	23	3	1016.5	-	11.8	0.5	13.3	94	4.5	5	6	7	5	8	0	0	0	0	2	1	0	11	12	5	0	0	6	11	14	1	1	0	2	0	7	6	0									
	9	9	1016.8	-	15.9	1.8	14.7	81	5.8	0	1	11	12	7	0	0	0	0	1	3	7	9	10	1	0	0	10	18	3	1	2	2	4	4	2	11	2									
	15	15	1016.3	-	18.8	3.6	14.5	67	6.0	0	1	7	17	6	0	0	0	0	0	0	3	9	17	2	0	1	18	11	1	2	1	2	3	2	8	5	7									
	21	21	1016.6	-	14.6	1.2	14.6	87	5.0	1	7	7	9	7	0	0	0	0	0	0	6	12	12	1	0	0	4	15	12	1	1	1	8	2	4	1	1									
DORSET																																														
HURN																																														
	11	3	1016.6	-	11.8	0.5	13.4	95	4.3	8	3	6	4	10	0	0	0	0	3	1	2	5	7	13	0	0	3	20	8	4	3	1	0	2	6	4	3									
	9	9	1017.0	-	16.0	1.9	14.6	81	5.3	0	5	10	10	6	0	0	0	0	0	1	2	6	8	9	5	0	0	7	24	0	4	3	5	2	1	3	7	6								
	15	15	1016.7	-	18.9	4.0	13.8	64	5.2	0	5	11	12	3	0	0	0	0	0	0	3	5	17	6	0	0	17	14	0	1	3	1	1	10	9	5	1									
	21	21	1016.9	-	14.5	1.3	14.3	86	5.4	1	6	6	9	9	0	0	0	0	0	0	10	8	13	0	0	0	4	23	4	1	6	2	0	4	5	7	2									
PORTLAND																																														
BILL-C.O.	54	3	1016.7	-	14.4	0.8	15.1	91	4.8	8	3	3	5	12	0	0	0	0	1	0	13	11	6	0	0	1	17	13	0	2	4	5	2	1	5	7	5									
	9	9	1017.2	-	15.5	1.2	15.5	88	5.6	1	4	7	12	7	0	0	0	0	2	1	11	6	9	2	0	1	17	12	1	3	4	3	3	2	3	8	4									
	15	15	1017.2	-	17.1	1.8	16.0	82	5.1	0	5	10	10	6	0	0	0	0	1	2	9	3	14	2	0	2	15	14	0	1	0	4	3	5	10	8	0									
	21	21	1017.1	-	15.1	0.9	15.5	90	4.6	1	8	9	6	1	0	0	0	1	0	1	9	12	8	0	0	3	9	19	0	4	1	3	3	3	4	7	6									
DEVON																																														
CHIVENOR																																														
	7	3	1016.4	-	13.1	1.0	13.4	88	5.0	4	3	7	10	7	0	0	0	0	0	0	3	7	14	7	0	0	6	24	1	0	2	13	0	6	1	5	3									
	9	9	1016.8	+ 1.9	16.0	2.0	14.5	79	5.8	0	1	12	12	6	0	0	0	0	0	1	5	5	9	11	0	0	15	12	4	1	0	8	1	2	5	9	1									
	15	15	1016.4	-	18.1	3.1	14.6	70	5.5	0	6	7	10	8	0	0	0	0	0	0	2	5	14	10	0	1	19	11	0	1	0	4	3	2	4	15	2									
	21	21	1016.7	-	14.9	1.4	14.4	85	5.5	0	4	8	16	3	0	0	0	0	0	0	2	8	13	8	0	0	4	25	2	3	1	9	1	4	5	5	1									
EXETER																																														
	38	3	1016.5	-	12.1	0.5	13.4	94	4.9	2	8	4	7	9	1	0	1	1	0	0	6	9	10	4	0	0	1	27	3	6	3	2	3	6	4	2	2									
	9	9	1016.8	+ 1.7	15.6	1.6	14.7	83	6.1	0	2	6	17	6	0	0	0	0	1	2	4	8	8	0	0	0	7	24	0	3	4	0	3	5	2	10	4									
	15	15	1016.3	-	18.5	3.4	14.5	68	6.2	0	1	8	17	5	0	0	0	0	0	0	1	5	10	15	0	1	15	15	0	1	1	5	11	5	3	4	6									
	21	21	1016.8	-	14.4	1.2	14.3	87	5.2	0	9	2	13	7	0	0	0	0	0	2	3	9	8	9	0	0	3	28	0	3	2	2	5	7	2	4	6									
HARTLAND POINT																																														
	93	3	1015.9	-	14.1	1.0	14.4	89	5.6	3	2	6	10	10	0	0	0	0	0	0	0	10	9	12	0	4	11	14	2	1	2	3	5	1	5	8	4									
	9	9	1016.2	-	15.2	1.4	14.8	85	6.1	1	0	8	16	6	0	0	0	0	0	0	11	8	9	0	2	16	12	1	2	4	1	2	3	2	14	2										
	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
	21	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-										
MOUNT BATTEN																																														
	28	3	1016.5	-	13.2	0.7	14.1	92	5.1	6	3	2	10	10	0	0	0	0	1	1	7	10	9	3	0	0	10	17	4	2	2	7	1	2	2	9	2									
	9	9	1016.9	+ 1.6	15.6	1.6	14.7	83	5.9	1	2	6	16	6	0	0	0	0	0	3	1	15	8	4	0	0	9	22	0	2	3	4	2	4	9	7	0									
	15	15	1016.7	-	17.2	2.4	14.9	78	6.2	0	3	5	16	7	0	0	0	0	1	3	6	12	8	0	0	1	18	12	0	2	0	1	3	9	14	2										
	21	21	1016.9	-	14.8	1.2	14.8	87	5.7	1	3	8	8	11	0	0	0	0	0	4	6	6	9	6	0	0	9	19	3	5	0	3	1	6	5	7	1									
PRINCE POINT																																														
	-	3	-	-	-	-	-	-	-	4	6	2	6	12	0	0	0	0	1	2	7	10	11	0	1	3	15	10	2	3	4	2	0	1	11	5	0									
	9	9	-	-	-	-	-	-	-	5.9	1	2	6	12	10	0	0	1	1	1	5	11	11	0	1	4	16	9	1	1	2	5	3	3	12	1										
	15	15	-	-	-	-	-	-	-	5.2	1	5	8	9	8	0	0	0	0	1	6	13	11	0	0	2	21	8	0	1	0	5	4	1	4	16	0									
	21	21	-	-	-	-	-	-	-	5.1	4	3	5	10	9	0	0	0	0	0	6	10	11	1	0	3	13	13	2	6	1	2	2	0	6	9	3									
CORNWALL																																														
OWENARP HEAD																																														
	70	3	1016.1	-	14.1	0.8	14.6	91	5.4	4	3	5	8	11	0	0	0	0	0	6	5	18	2	0	1	20	8	2	5	3	1	3	1	9	7	0										
	9	9	1016.4	-	14.9	1.1	15.0	88	5.6	0	2	13	10	5	1	0	1	0	0	4	9	12	5	0	0	1	13	15	2	1	2	3	2	2	10	5	4									
	15	15	1016.2	-	16.4	1.6	15.6	84	5.4	0	5	9	7	5	1	0	1	0	0	7	8	7																								







TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

AUGUST 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE (METRES)	DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES									
			34 KT OR MORE (GALE FORCE)					27-33 KT					HIGHEST HOURLY WIND			HIGHEST GUST						
			DATE OF OCCURRENCE					NUMBER OF HOURS					WIND DIRECTION			WIND DIRECTION						
			ABOVE REL	ABOVE AROUND	DEFECTIVE RECORD	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	WIND DIRECTION	WIND DIRECTION	WIND DIRECTION	WIND DIRECTION	WIND DIRECTION	WIND DIRECTION				
<b>3 EAST ANGLIA</b>																						
NORFOLK	COLTISHALL	27 10 10			DEFECTIVE RECORD	0	0	0	183	379	182	0	7.0	040	20	4	16	040	34	4	1554	
	GORLESTON	16 13 13				0	0	0	196	400	148	0	7.8	280	21	10	15	040	38	4	1230	
CAMBRIDGESHIRE	MARHAM	29 10 10				0	2	3	267	445	29	0	9.5	060	25	4	11	060	39	4	1324	
	WEST RAYNHAM	93 16 14				0	1	1	209	462	72	0	8.4	030	22	4	11	270	32	10	1412	
SUFFOLK	WITTERING	83 10 10				0	0	0	183	417	144	0	7.6	300	19	10	22	080	30	4	0812	
	HONINGTON	60 13 13				0	0	0	200	450	94	0	8.2	290	19	10	22	310	35	10	1430	
BEDFORDSHIRE	WATTISHAM	105 17 10				0	0	1	227	428	88	0	8.5	280	22	10	15	020	36	4	1500	
	BEDFORD	94 13 9				0	0	0	233	407	104	0	8.5	280	21	10	15	030	35	4	1618	
HERTFORDSHIRE	CARDINGTON	70 41 41				0	0	0	15	503	226	0	5.0	010	14	4	17	280	29	10	1600	
	GARSTON	94 15 10				0	0	0	8	286	426	24	3.3	020	15	4	18	020	36	4	1848	
ESSEX	ROTHAMSTED	141 13 10				0	0	0	8	286	426	24	3.3	020	15	4	18	020	36	4	1848	
	SHOEBURYNESSE	36 32 28	4			1	7	22	441	265	15	0	12.0	060	34	4	06	060	47	4	0542	
	STANSTED	108 10 10				0	0	0	130	479	135	0	6.6	270	16	10	16	270	33	10	1636	
<b>4 MIDLAND COUNTIES</b>																						
SOUTH YORKSHIRE	FINNINGLEY	19 10 10				0	1	1	186	403	154	0	7.8	210	22	15	09	210	36	15	0900	
	SHEFFIELD	160 25 11				0	0	0	7	311	422	4	3.4	210	13	25	10	210	32	15	1348	
NOTTINGHAMSHIRE	WATNALL	130 13 10				0	0	0	140	466	138	0	7.1	210	19	25	09	210	31	25	1042	
STAFFORDSHIRE	WEELE	215 15 10				0	0	0	16	343	385	0	3.8	190	13	14	18	230	30	25	1054	
LEICESTERSHIRE	COTTESMORE	143 13 13			DEFECTIVE RECORD	0	0	0	107	383	254	0	6.2	240	20	25	08	310	31	10	1612	
SALOP	SHAWBURY	84 12 10				0	0	0	70	390	284	0	5.4	210	19	14	17	210	36	14	1748	
WEST MIDLANDS	BIRMINGHAM	196 36 22				0	0	0	131	445	168	0	7.0	300	20	10	18	200	35	14	1754	
	EDGBASTON	104 10 10				0	1	1	184	375	184	0	7.3	200	23	14	17	200	38	14	1730	
HEREFORD & WORCS	PERSHORE	47 10 10				0	0	0	203	388	151	2	7.7	250	21	8	14	270	33	10	1330	
GLOUCESTERSHIRE	FAIRFORD	88 10 10				0	0	0	128	407	209	0	6.6	020	18	4	13	010	29	4	1318	
OXFORDSHIRE	ABINGDON	90 12 12				0	0	0	135	408	201	0	6.6	010	19	4	13	300	28	10	1830	
	BRIZE NORTON	91 13 10																				
<b>5 ENGLAND SOUTHEAST &amp; CENTRAL SOUTHERN</b>																						
GREATER LONDON	HAMPTON	42 31 30				0	0	0	123	394	227	0	6.3	260	20	10	11	260	37	10	1106	
	HEATHROW AIRPORT	34 10 10				0	0	0	169	507	68	0	8.1	040	17	4	17	060	28	4	0618	
WILTSHIRE	KEN	28 23 15				0	0	0	137	422	185	0	6.6	030	17	4	05	240	37	10	1100	
	LONDON WEATHER CENTRE	93 70 38				0	0	0	213	454	77	0	8.4	260	19	10	15	270	37	10	1942	
KENT	POST OFFICE TOWER	174				0	0	0	230	387	127	0	8.2	280	20	10	13	290	31	10	1506	
	BOSCOMBE DOWN	130 17 17				0	1	2	209	383	150	0	8.0	020	23	4	07	020	38	4	0724	
HAMPSHIRE	LARKHILL	145 13 10				0	0	0	208	386	148	2	7.7	290	19	10	13	290	34	10	1300	
	MIDDLE WALLOP	94 10 10				0	0	0	228	396	120	0	8.4	190	21	9	22	280	33	10	1236	
WEST SUSSEX	PORTON	120 10 10				0	7	35	434	245	30	0	11.9	230	26	12	10	280	42	10	1236	
	DUNGENESS	16 10 10			DEFECTIVE RECORD	0	2	5	335	353	51	0	10.1	360	23	5	02	290	35	10	2342	
ISLE OF GRAIN	15 12 10			0		0	0	99	442	203	0	6.3	280	15	10	10	280	31	10	1024		
HANTS	MANSTON	62 18 18				0	0	0	155	393	196	0	7.0	270	21	10	12	270	34	10	1206	
WILTSHIRE	FARNBOROUGH	75 10 10				0	0	0	155	393	196	0	7.0	270	21	10	12	270	34	10	1206	
WILTSHIRE	MANSTON	62 18 18				0	1	1	275	372	96	0	9.1	250	23	10	09	280	34	10	1354	
<b>7A ENGLAND NORTHWEST AND ISLE OF MAN</b>																						
CUMBRIA	CARLISLE	41 13 9				0	0	0	164	432	148	0	7.1	220	19	15	08	210	38	15	0942	
	GREAT DUN FELL	857 10 10	12	14-16	24	25	30	65	17	162	397	107	13	0	18.7	220	45	15	04	220	64	15
LANCASHIRE	MOOR HOUSE	595 13 12	16			1	7	73	296	319	52	3	11.7	220	34	16	09	220	50	15	0642	
	SELLAFIELD	25 12 11				0	1	1	267	405	71	0	9.3	210	22	25	09	190	31	14	1906	
MERSEYSIDE	FLEETWOOD	34 15 9				0	2	9	136	327	272	0	6.4	320	25	10	16	200	37	14	1724	
	SQUIRES GATE AIRPORT	22 12 11				0	2	3	363	346	32	0	10.5	260	23	10	11	190	34	14	1654	
GREATER MANCHESTER	RIGBIRTH	38 23 11				0	0	0	157	436	151	0	7.4	280	20	10	13	300	33	10	1400	
	SOUTHPORT	19 14 11				0	0	0	244	407	93	0	8.5	310	21	10	14	300	35	10	1406	
ISLE OF MAN	SPEKE AIRPORT	30 10 10				0	0	0	143	406	195	0	6.7	230	20	15	11	220	31	15	1124	
	MANCHESTER	80 10 10				0	0	0	107	470	167	0	6.7	280	17	12	12	250	32	16	1248	
CHANNEL ISLANDS	WEATHER CENTRE	82 45 17				0	5	16	423	280	25	0	11.5	190	28	14	17	190	44	14	1630	
	POINT OF AYRE	20 10 10				0	4	23	297	333	91	0	9.9	180	27	14	17	180	38	14	1718	
NORTH IRELAND	RONALDSWAY	25 10 10																				
<b>7B WALES NORTH</b>																						
GWYNEDD	VALLEY	26 16 12	14			1	9	75	355	255	58	0	12.4	190	34	14	17	180	47	14	1612	
<b>8A WALES SOUTH</b>																						
DYFED	ABERPORTH	144 10 10				0	2	5	357	357	25	0	10.4	180	26	14	13	180	39	14	1354	
	MILFORD HAVEN	47 10 10				0	0	0	329	371	44	0	9.7	180	20	14	13	190	36	14	1354	
WEST GLAMORGAN	PORT TALBOT	28 12 11				0	1	2	145	357	240	0	6.4	270	23	10	00	270	37	10	0042	
SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10				0	0	0	192	446	106	0	8.2	270	21	10	14	270	37	10	1412	
<b>8B ENGLAND SOUTHWEST</b>																						
DORSET	HURN AIRPORT	23 13 11				0	0	0	179	403	160	2	7.5	190	18	9	22	180	33	9	2148	
	PORTLAND BILL CG	60 13 13			DEFECTIVE RECORD	0	1	4	235	407	98	0	8.6	270	24	10	14	280	35	10	1430	
DEVON	CHIVENOR	22 16 13				0	4	10	265	338	131	0	9.0	200	29	14	16	190	44	9	1900	
	MOUNT																					



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TABLE 3 ADDITIONS AND CORRECTIONS

YEAR	MONTH	STATION	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	WINDS BELOW 0 DEG C	CONCRETE WINDS BELOW 0 DEG C	CALE	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	
1971	OCTOBER	SHEFFIELD																																	
1968	ANNUAL	WEDNESHAM											757	124																					
1969	ANNUAL	MOUNT BATTEN																																	
1974	JANUARY	EARLS HILL																																	
		MARTON																																	
		FILEY	8.1		5.5																														
		WILSDEN			4.3																														
		WATNALL																																	
		GATWICK AIRPORT																																	
		BEKHILL																																	
		HELSHORE																																	
		WOODBORN NORTH																																	
		DOUMREAY	7.7	2.3	5.0	-	12.0	18	-2.9	17	-	-	68	-	7	14	20	16	1	0	0	0	0	0	0	1	23	-	3	1.57	-	-	-	-	
		DALWHINIE																																	
		GLENMORE LODGE	6.7	1.1	3.9	-	11.0	20	-3.5	22	-	-	302	-	47	11	27	21	5	3	0	0	0	0	0	9	21	20	0	0.90	-	-	-	-	
		LAGGANLIA																																	
		CRAIBSTONE																																	
		ABERFOLY	8.2	1.9	5.1	-	11.5	4,17,18	-3.0	4	-	-	281	-	34	17	27	27	-	-	-	-	-	-	-	5	17	-	-	-	-	-	-	-	
		KIRKCALDY																																	
		WEST LINTON																																	
		GLENBRANTER																																	
		SALSBURGH	5.9	1.7	3.8	-	9.0	17,18	-4.7	3	-	-	-	-	-	25	27	23																	
		ASHMAN BRYAN																																	
		EAST DERHAM	8.9		5.4			4,5,18																											
		LUTON																																	
		LETCHWORTH																																	
		STANSTEAD ABBOTTS																																	
		HARLOW																																	
		LITTLE PARDOON																																	
		WRITTLE	9.2	3.1	6.1	+2.9	13.7	15	-3.5	1	6.1	-	43	91	9	10	17	12	0	0	0	0	0	0	1	5	19	-	0	1.47	109	-	-	-	
		NEWPORT																																	
		KING EDWARD SCHOOL	8.7	2.2	5.5	-	12.1	14	-4.5	2	-	-	124	-	22	10	19	19	0	0	2	0	2	0	1	6	-	-	2	-	-	-	-	-	
		BUGBROOKE MILLS																																	
		HAMPSTEAD	8.8	3.1	5.9	+2.8	12.6	15	-1.5	2	5.4	-	59	105	11	10	15	15	0	0	0	0	0	0	0	3	14	-	1	1.26	91	-	-	-	
		ST JAMES PARK	9.8	4.6	7.2	+2.7	14.0	15	-0.2	1	-	-	48	97	10	10	18	12	0	0	0	0	0	0	0	1	9	-	0	-	-	-	-	-	
		OSCOMBE DOWN																																	
		LACOCK	10.0		6.5																														
		HURLEY	9.1	2.9	6.0	-	13.4	15	-6.7	1	5.6	-	78	-	15	12	21	13	0	0	0	0	2	2	3	14	-	2	1.32	-	-	-	-	-	
		WICKLEHAM																																	
		HERNE BAY	9.2		6.4																														
		THROWLEY																																	
		VENTNOR																																	
		FERNHURST	9.2	2.7	5.9	+2.4	13.2	15	-1.1	9	6.2	-	108	157	-	19	10	24	28	0	0	0	0	0	0	4	-	-	0	-	-	-	-	-	
		BODIAM																																	
		HASTINGS																																	
		NEWTON RIGG																																	
		HELSHORE																																	
		MORECAMBE	8.3	4.0	6.1	+2.5	12.5	11	-1.4	1	-	-	134	154	17	14	24	21	0	0	2	0	0	0	1	-	-	0	1.25	84	-	-	-	-	
		SOUTHPORT																																	
		ROCHDALE																																	
		MACCLESFIELD	7.9	2.4	5.1	+2.4	11.7	14	-1.7	1			83	13	8	21	15	1	0	2	0	1	0	3											
		RONALDSWAY																																	
		PEN-Y-FFRIDD																																	
		BILCHERYN	6.0	0.8	3.4	-	10.0	14	-5.0	3	4.4	-	183	-	24	8	22	20	5	3	1	2	0	2	10	16	-	2	-	-	-	-	-	-	
		CORWEN																																	
		HAWARDEN BRIDGE																																	
		ROTHIN	8.8		5.8																														
		CEINWS	9.0		5.9																														
		ABERTSWYTH																																	
		GOGERDDAN																																	
		SRIDOFFYNNON																																	
		TRAWSCOE																																	
		CENARTH WILL	7.0	3.3	5.1	-	11.1	14	-1.2	1	-	-	237	-	31	4	24	23	2	0	0	1	0	0	5	12	-	0	-	-	-	-	-	-	
		LLANDRINODD WELLS																																	
		PENMAEN																																	
		PORT TALBOT																																	
		SWANSEA	9.7	5.4	7.5	+2.4	11.6	11	1.4	1	6.5	8.2	159	182	19	10	24	24	0	0	0	0	0	0	0	2	-	4	1.21	71	-	-	-		
		VINCANTON		2.9	6.1																														
		POOLE																																	
		WINFRITH																																	

Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.



# 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 Bhlaraiddh (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							% of 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			

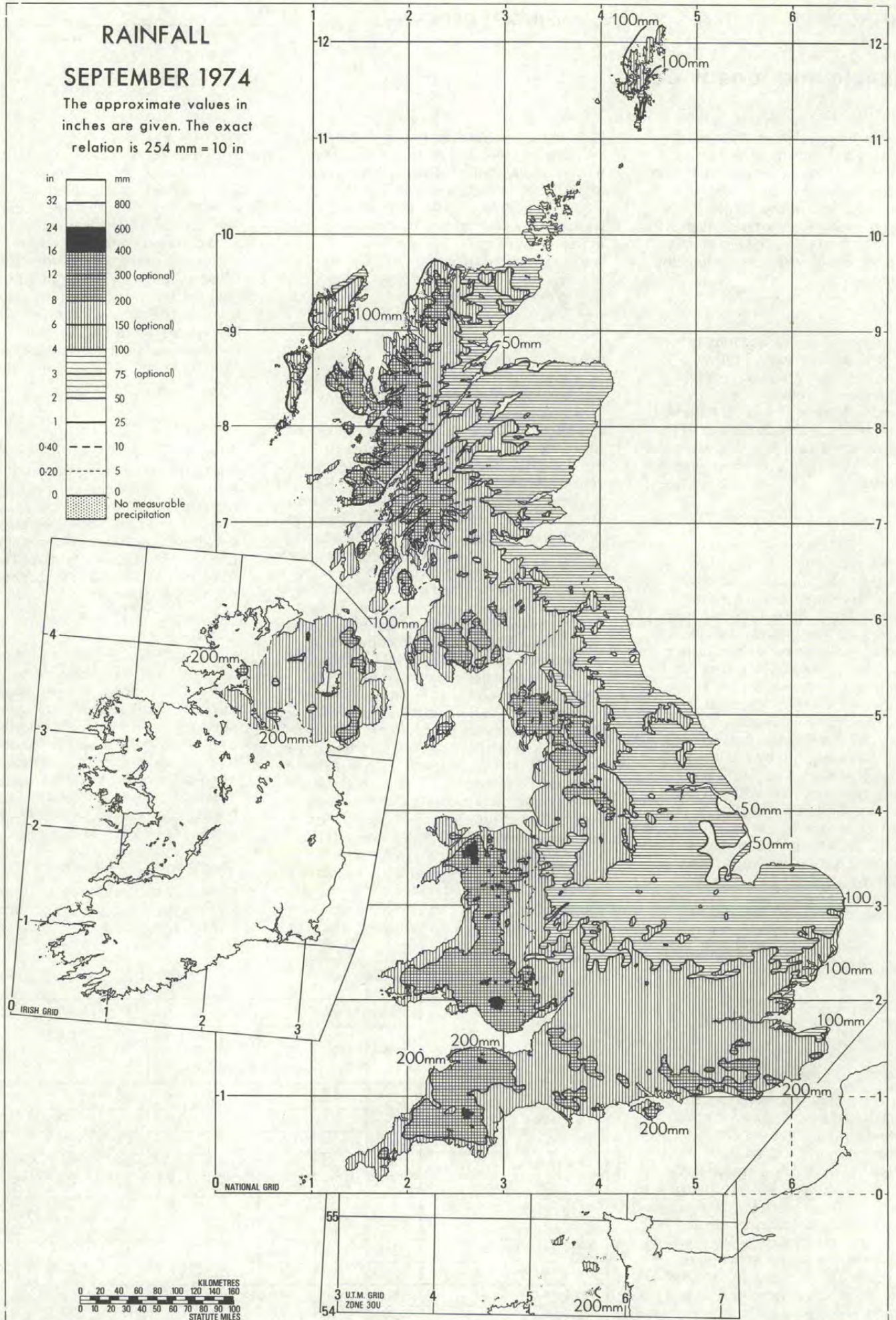
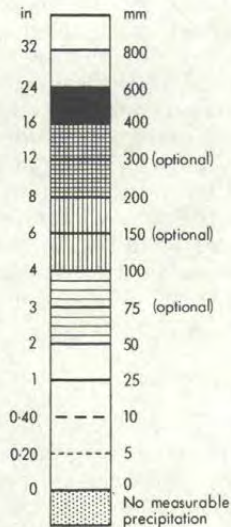
\*Highest maximum and lowest minimum of District Value Stations.



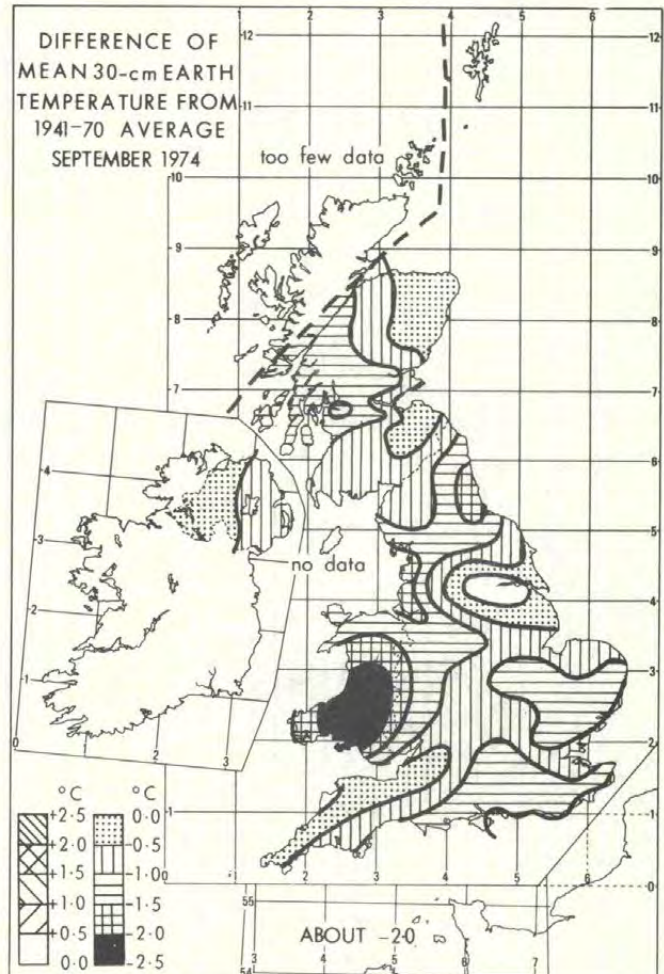
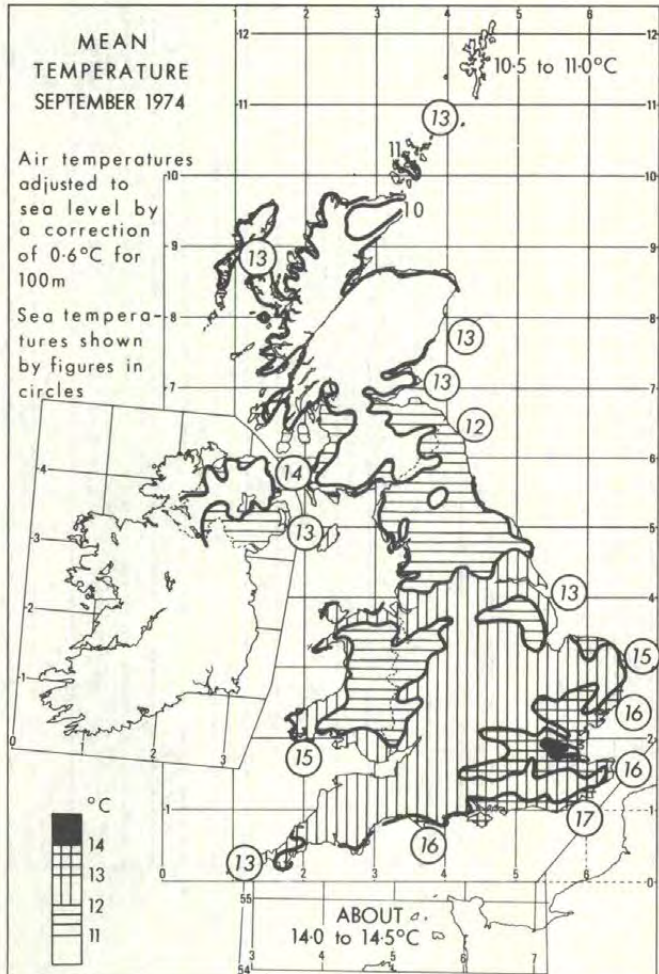
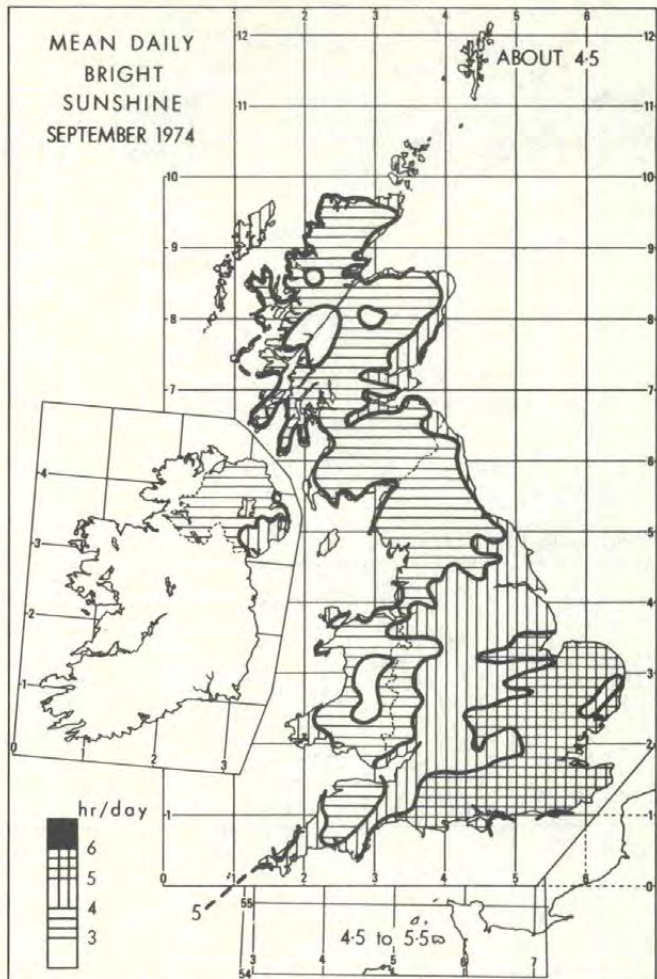
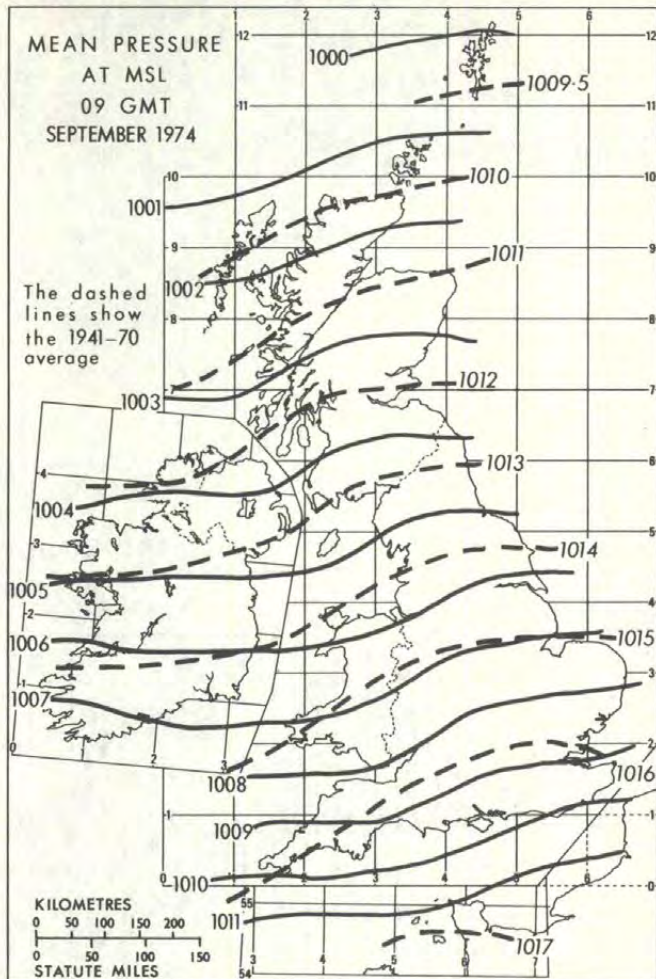
# RAINFALL

## SEPTEMBER 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HIGH 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 BELOW 0 DEG C	CONCRETE FROST 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																
0 SCOTLAND N																																		
ZETLAND																																		
BALASOUND ...	9 9	24	13.1	7.9	10.5	-0.2	17.3	1	1.7	28	10.9	-	123	116	15	23	28	22	0	0	0	0	0	0	0	0	0	0	0	0	4.37	141	-	
LERWICK	21 9	82																																
PSYCHROMETER ...			12.2	8.1	10.1	-	16.2	1	3.3	28					94		14	2	26	18	0	0	0	0	0	0	0	0	0	0	4.53	137	-	
SCREEN ...			12.5	8.1	10.3	-0.3	16.5	1	3.8	28																								
ORKNEY																																		
KIRKALL AIRPORT ...	21-9	26	13.0	7.4	10.2	-1.2	16.1	2	1.7	28					75		12	14	26	17	1	0	0	0	0	0	0	0	0	0	4.37	123	-	
STENNESS ...	9 9	23																																
SULE SKERRY ...	21-9	13																																
CAITHNESS																																		
DOUNREAY ...	9 9	21	13.8	6.8	10.3	-	19.0	2	0.5	25					86		11	21	26	20	0	0	0	0	0	0	0	2	0	0	4.59	-	-	
KEISS ...	9 9	30	13.3	6.1	9.7	-	16.7	11	-0.6	27	11.6	12.0			66		12	4	21	16	0	0	0	0	0	0	0	0	0	0	4.63	-	-	
WICK ...	21-9	36	13.3	6.6	9.9	-1.6	17.3	11	-1.4	28					65	94	10	4	24	17	0	0	0	0	0	0	0	0	0	0	4.36	115	-	
SUTHERLAND																																		
CAPE WRATH ...	21-9	112	12.0	8.6	10.3	-1.0	16.5	13	3.4	27					103	93	18	10	26	23	1	0	0	0	0	0	0	0	0	0	4.10	-	-	
LAIRG ...			13.6	5.4	9.5	-	18.5	2	-4.2	28	10.6	10.7			87		23	21	27	16	0	0	0	0	0	0	0	0	0	0	3.94	-	-	
STRATHY ...	9 9	37	13.4	5.9	9.7	-1.7	19.1	2	-2.6	28					119		14	21	28	25	0	0	0	0	0	0	0	0	0	0	3.55	113	-	
ROSS & CROMARTY																																		
ACHNASHELLACH ...	9 9	67	13.5	6.8	10.1	-1.6	19.8	1	-1.4	28					230	112	40	21	30	26	0	0	2	0	0	0	0	0	0	0	-	-	-	
BALMACARRA ...	9 9	4	14.0	7.9	10.9	-	20.0	1	0.6	29					208		43	9	30	28	0	0	0	0	0	0	0	0	0	0	1	-	-	
CONTIN (CRAIGDARROCH) ...	9 9	38	14.8	6.0	10.4	-	19.7	2	-1.3	28					63		15	21	23	17	0	0	0	0	0	0	0	0	0	0	-	-	-	
FORTROSE ...	9 9	5	14.3	8.0	11.1	-1.6	18.0	15.16	2.5	28					53	97	7	21	25	16	0	0	0	0	0	0	0	0	0	0	3.77	102	-	
INVERPOLLY ...	9 9	14	13.7	7.8	10.7	-	19.3	1	-0.6	28	12.0				169		28	10	26	22	0	0	2	0	0	0	0	0	0	0	3.78	-	-	
KINLOCHENE ...	9 9	23	14.2	6.9	10.5	-	19.6	1	-2.1	28	11.7				199		36	21	27	26	0	0	0	0	0	0	0	0	0	0	2.80	-	-	
POOLEME ...	9 9	6	14.0	8.1	11.1	-	20.5	1	-0.2	28					190		32	10	30	27	0	0	0	0	0	0	0	0	0	0	3.78	-	-	
RUBH RE ...	21-9	16	13.0	9.1	11.1	-	20.2	1	3.8	28					149		28	10	26	24	0	0	0	0	0	0	0	0	0	0	3	-	-	
STORNOWAY ...	21-9	3	13.3	7.0	10.1	-1.5	18.5	1	1.9	28					87		11	24	28	21	0	0	0	0	0	0	0	0	0	0	4.92	139	-	
STRATHCONON ...	9 9	107	14.0	5.5	9.7	-	18.8	2	-2.8	28					128		21	21	29	24	0	0	0	0	0	0	0	0	0	0	-	-	-	
TARBATNESS ...	21-9	18	13.9	8.2	11.1	-1.0	19.0	13	1.0	27					44		8	3	19	14	0	0	0	0	0	0	0	0	0	0	-	-	-	
INVERNESS																																		
BENBECULA ...	21-9	6	13.5	8.5	11.0	-1.1	16.8	1	2.5	28					108		9	21	28	23	0	0	2	0	0	0	0	0	0	0	4.77	126	-	
CORPACH ...	9 9	8	14.3	7.6	10.9	-	19.5	1	-1.2	28					246		70	10	25	24	0	0	0	0	0	0	0	0	0	0	1	-	-	
DALWHINNIE ...	9 9	351	12.1	4.6	8.3	-	15.5	1	-4.5	28					70		20	21	27	18	0	0	0	0	0	0	0	0	0	0	3.34	-	-	
GLENMORE LODGE ...	9 9	341	12.3	4.6	8.5	-	17.5	13	-3.5	28					69		12	10	25	21	0	0	0	0	0	0	0	0	0	0	2.74	-	-	
INVERNESS ...	9 9	4	14.5	8.1	11.3	-	20.2	1	0.1	28					53		9	21	24	15	0	0	0	0	0	0	0	0	0	0	3.51	-	-	
ISLE OF RHUM ...	9 9	5	13.8	7.8	10.8	-	18.2	1	0.5	28	13.0	13.2			239		37	10	28	25	0	0	0	0	0	0	0	0	0	0	3.78	-	-	
LAGANLIA ...	9 9	250	12.8	5.0	8.9	-	19.0	1	-4.4	28					51		9	21	25	16	1	0	3	0	0	0	0	0	0	0	-	-	-	
ONICH ...	9 9	15	13.9	6.9	10.4	-1.7	19.0	2	-2.0	28					167	80	24	17	23	23	-	0	-	-	-	-	-	-	-	-	2.84	101	5	
PRABOST ...	9 9	67	13.4	7.1	10.3	-	18.3	1	1.3	28					199		35	10	30	28	0	0	1	3	1	0	0	0	0	0	0	4.04	-	-
1 SCOTLAND E																																		
NAIRN																																		
NAIRN ...	9 9	6	14.1	6.7	10.4	-1.7	18.4	13	-1.1	27					51		8	9	23	15	0	0	0	0	0	0	0	0	0	0	4.19	108	-	
MORAY																																		
ELGIN ...	9 9	15	14.5	6.8	10.7	-	20.3	2	-2.0	28					53		8	5	23	15	-	0	-	-	-	-	-	-	-	-	4.19	-	-	
FORRES ...	9 9	50																																
GORDON CASTLE ...	9 9	32	14.6	7.1	10.9	-1.4	20.4	2.13	-1.0	28					47	69	7	2	21	15	0	0	0	0	0	0	0	0	0	0	4.24	113	-	
GRANTOWN-ON-SPEY ...	9 9	229	13.3	4.6	8.9	-	18.0	1.13	-4.0	28					45		6	16	26	15	0	0	0	0	0	0	0	0	0	0	3.59	-	-	
KINLOSS ...	21-9	5	14.5	6.7	10.6	-1.7	19.8	13	-1.2	27	11.6				50		9	4	23	13	0	0	0	0	0	0	0	0	0	0	3.09	-	-	
LOSSIEMOUTH ...	9 9	6																																
BANFF																																		
BANFF ...	9 9	24	13.9	8.0	10.9	-	18.6	1	1.0	28					51		11	7	23	12	-	0	-	-	-	-	-	-	-	-	3.60	-	-	
GLENLIVET ...	21-9	215	13.3	5.3	9.3	-	19.2	2	-4.5	28					60		7	7	26	16	0	0	2	0	0	0	0	0	0	0	3.67	-	-	



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	0-2 MM OR MORE	2-5 MM OR MORE	5-10 MM OR MORE	10-20 MM OR MORE	20-30 MM OR MORE	30-40 MM OR MORE	40-50 MM OR MORE	50-60 MM OR MORE	60-70 MM OR MORE	70-80 MM OR MORE	80-90 MM OR MORE	90-100 MM OR MORE	100-110 MM OR MORE	110-120 MM OR MORE	120-130 MM OR MORE	130-140 MM OR MORE	140-150 MM OR MORE	150-160 MM OR MORE	160-170 MM OR MORE	170-180 MM OR MORE	180-190 MM OR MORE	190-200 MM OR MORE	200-210 MM OR MORE	210-220 MM OR MORE	220-230 MM OR MORE	230-240 MM OR MORE	240-250 MM OR MORE	250-260 MM OR MORE	260-270 MM OR MORE	270-280 MM OR MORE	280-290 MM OR MORE	290-300 MM OR MORE	300-310 MM OR MORE	310-320 MM OR MORE	320-330 MM OR MORE	330-340 MM OR MORE	340-350 MM OR MORE	350-360 MM OR MORE	360-370 MM OR MORE	370-380 MM OR MORE	380-390 MM OR MORE	390-400 MM OR MORE	400-410 MM OR MORE	410-420 MM OR MORE	420-430 MM OR MORE	430-440 MM OR MORE	440-450 MM OR MORE	450-460 MM OR MORE	460-470 MM OR MORE	470-480 MM OR MORE	480-490 MM OR MORE	490-500 MM OR MORE	500-510 MM OR MORE	510-520 MM OR MORE	520-530 MM OR MORE	530-540 MM OR MORE	540-550 MM OR MORE	550-560 MM OR MORE	560-570 MM OR MORE	570-580 MM OR MORE	580-590 MM OR MORE	590-600 MM OR MORE	600-610 MM OR MORE	610-620 MM OR MORE	620-630 MM OR MORE	630-640 MM OR MORE	640-650 MM OR MORE	650-660 MM OR MORE	660-670 MM OR MORE	670-680 MM OR MORE	680-690 MM OR MORE	690-700 MM OR MORE	700-710 MM OR MORE	710-720 MM OR MORE	720-730 MM OR MORE	730-740 MM OR MORE	740-750 MM OR MORE	750-760 MM OR MORE	760-770 MM OR MORE	770-780 MM OR MORE	780-790 MM OR MORE	790-800 MM OR MORE	800-810 MM OR MORE	810-820 MM OR MORE	820-830 MM OR MORE	830-840 MM OR MORE	840-850 MM OR MORE	850-860 MM OR MORE	860-870 MM OR MORE	870-880 MM OR MORE	880-890 MM OR MORE	890-900 MM OR MORE	900-910 MM OR MORE	910-920 MM OR MORE	920-930 MM OR MORE	930-940 MM OR MORE	940-950 MM OR MORE	950-960 MM OR MORE	960-970 MM OR MORE	970-980 MM OR MORE	980-990 MM OR MORE	990-1000 MM OR MORE	1000-1010 MM OR MORE	1010-1020 MM OR MORE	1020-1030 MM OR MORE	1030-1040 MM OR MORE	1040-1050 MM OR MORE	1050-1060 MM OR MORE	1060-1070 MM OR MORE	1070-1080 MM OR MORE	1080-1090 MM OR MORE	1090-1100 MM OR MORE	1100-1110 MM OR MORE	1110-1120 MM OR MORE	1120-1130 MM OR MORE	1130-1140 MM OR MORE	1140-1150 MM OR MORE	1150-1160 MM OR MORE	1160-1170 MM OR MORE	1170-1180 MM OR MORE	1180-1190 MM OR MORE	1190-1200 MM OR MORE	1200-1210 MM OR MORE	1210-1220 MM OR MORE	1220-1230 MM OR MORE	1230-1240 MM OR MORE	1240-1250 MM OR MORE	1250-1260 MM OR MORE	1260-1270 MM OR MORE	1270-1280 MM OR MORE	1280-1290 MM OR MORE	1290-1300 MM OR MORE	1300-1310 MM OR MORE	1310-1320 MM OR MORE	1320-1330 MM OR MORE	1330-1340 MM OR MORE	1340-1350 MM OR MORE	1350-1360 MM OR MORE	1360-1370 MM OR MORE	1370-1380 MM OR MORE	1380-1390 MM OR MORE	1390-1400 MM OR MORE	1400-1410 MM OR MORE	1410-1420 MM OR MORE	1420-1430 MM OR MORE	1430-1440 MM OR MORE	1440-1450 MM OR MORE	1450-1460 MM OR MORE	1460-1470 MM OR MORE	1470-1480 MM OR MORE	1480-1490 MM OR MORE	1490-1500 MM OR MORE	1500-1510 MM OR MORE	1510-1520 MM OR MORE	1520-1530 MM OR MORE	1530-1540 MM OR MORE	1540-1550 MM OR MORE	1550-1560 MM OR MORE	1560-1570 MM OR MORE	1570-1580 MM OR MORE	1580-1590 MM OR MORE	1590-1600 MM OR MORE	1600-1610 MM OR MORE	1610-1620 MM OR MORE	1620-1630 MM OR MORE	1630-1640 MM OR MORE	1640-1650 MM OR MORE	1650-1660 MM OR MORE	1660-1670 MM OR MORE	1670-1680 MM OR MORE	1680-1690 MM OR MORE	1690-1700 MM OR MORE	1700-1710 MM OR MORE	1710-1720 MM OR MORE	1720-1730 MM OR MORE	1730-1740 MM OR MORE	1740-1750 MM OR MORE	1750-1760 MM OR MORE	1760-1770 MM OR MORE	1770-1780 MM OR MORE	1780-1790 MM OR MORE	1790-1800 MM OR MORE	1800-1810 MM OR MORE	1810-1820 MM OR MORE	1820-1830 MM OR MORE	1830-1840 MM OR MORE	1840-1850 MM OR MORE	1850-1860 MM OR MORE	1860-1870 MM OR MORE	1870-1880 MM OR MORE	1880-1890 MM OR MORE	1890-1900 MM OR MORE	1900-1910 MM OR MORE	1910-1920 MM OR MORE	1920-1930 MM OR MORE	1930-1940 MM OR MORE	1940-1950 MM OR MORE	1950-1960 MM OR MORE	1960-1970 MM OR MORE	1970-1980 MM OR MORE	1980-1990 MM OR MORE	1990-2000 MM OR MORE	2000-2010 MM OR MORE	2010-2020 MM OR MORE	2020-2030 MM OR MORE	2030-2040 MM OR MORE	2040-2050 MM OR MORE	2050-2060 MM OR MORE	2060-2070 MM OR MORE	2070-2080 MM OR MORE	2080-2090 MM OR MORE	2090-2100 MM OR MORE	2100-2110 MM OR MORE	2110-2120 MM OR MORE	2120-2130 MM OR MORE	2130-2140 MM OR MORE	2140-2150 MM OR MORE	2150-2160 MM OR MORE	2160-2170 MM OR MORE	2170-2180 MM OR MORE	2180-2190 MM OR MORE	2190-2200 MM OR MORE	2200-2210 MM OR MORE	2210-2220 MM OR MORE	2220-2230 MM OR MORE	2230-2240 MM OR MORE	2240-2250 MM OR MORE	2250-2260 MM OR MORE	2260-2270 MM OR MORE	2270-2280 MM OR MORE	2280-2290 MM OR MORE	2290-2300 MM OR MORE	2300-2310 MM OR MORE	2310-2320 MM OR MORE	2320-2330 MM OR MORE	2330-2340 MM OR MORE	2340-2350 MM OR MORE	2350-2360 MM OR MORE	2360-2370 MM OR MORE	2370-2380 MM OR MORE	2380-2390 MM OR MORE	2390-2400 MM OR MORE	2400-2410 MM OR MORE	2410-2420 MM OR MORE	2420-2430 MM OR MORE	2430-2440 MM OR MORE	2440-2450 MM OR MORE	2450-2460 MM OR MORE	2460-2470 MM OR MORE	2470-2480 MM OR MORE	2480-2490 MM OR MORE	2490-2500 MM OR MORE	2500-2510 MM OR MORE	2510-2520 MM OR MORE	2520-2530 MM OR MORE	2530-2540 MM OR MORE	2540-2550 MM OR MORE	2550-2560 MM OR MORE	2560-2570 MM OR MORE	2570-2580 MM OR MORE	2580-2590 MM OR MORE	2590-2600 MM OR MORE	2600-2610 MM OR MORE	2610-2620 MM OR MORE	2620-2630 MM OR MORE	2630-2640 MM OR MORE	2640-2650 MM OR MORE	2650-2660 MM OR MORE	2660-2670 MM OR MORE	2670-2680 MM OR MORE	2680-2690 MM OR MORE	2690-2700 MM OR MORE	2700-2710 MM OR MORE	2710-2720 MM OR MORE	2720-2730 MM OR MORE	2730-2740 MM OR MORE	2740-2750 MM OR MORE	2750-2760 MM OR MORE	2760-2770 MM OR MORE	2770-2780 MM OR MORE	2780-2790 MM OR MORE	2790-2800 MM OR MORE	2800-2810 MM OR MORE	2810-2820 MM OR MORE	2820-2830 MM OR MORE	2830-2840 MM OR MORE	2840-2850 MM OR MORE	2850-2860 MM OR MORE	2860-2870 MM OR MORE	2870-2880 MM OR MORE	2880-2890 MM OR MORE	2890-2900 MM OR MORE	2900-2910 MM OR MORE	2910-2920 MM OR MORE	2920-2930 MM OR MORE	2930-2940 MM OR MORE	2940-2950 MM OR MORE	2950-2960 MM OR MORE	2960-2970 MM OR MORE	2970-2980 MM OR MORE	2980-2990 MM OR MORE	2990-3000 MM OR MORE	3000-3010 MM OR MORE	3010-3020 MM OR MORE	3020-3030 MM OR MORE	3030-3040 MM OR MORE	3040-3050 MM OR MORE	3050-3060 MM OR MORE	3060-3070 MM OR MORE	3070-3080 MM OR MORE	3080-3090 MM OR MORE	3090-3100 MM OR MORE	3100-3110 MM OR MORE	3110-3120 MM OR MORE	3120-3130 MM OR MORE	3130-3140 MM OR MORE	3140-3150 MM OR MORE	3150-3160 MM OR MORE	3160-3170 MM OR MORE	3170-3180 MM OR MORE	3180-3190 MM OR MORE	3190-3200 MM OR MORE	3200-3210 MM OR MORE	3210-3220 MM OR MORE	3220-3230 MM OR MORE	3230-3240 MM OR MORE	3240-3250 MM OR MORE	3250-3260 MM OR MORE	3260-3270 MM OR MORE	3270-3280 MM OR MORE	3280-3290 MM OR MORE	3290-3300 MM OR MORE	3300-3310 MM OR MORE	3310-3320 MM OR MORE	3320-3330 MM OR MORE	3330-3340 MM OR MORE	3340-3350 MM OR MORE	3350-3360 MM OR MORE	3360-3370 MM OR MORE	3370-3380 MM OR MORE	3380-3390 MM OR MORE	3390-3400 MM OR MORE	3400-3410 MM OR MORE	3410-3420 MM OR MORE	3420-3430 MM OR MORE	3430-3440 MM OR MORE	3440-3450 MM OR MORE	3450-3460 MM OR MORE	3460-3470 MM OR MORE	3470-3480 MM OR MORE	3480-3490 MM OR MORE	3490-3500 MM OR MORE	3500-3510 MM OR MORE	3510-3520 MM OR MORE	3520-3530 MM OR MORE	3530-3540 MM OR MORE	3540-3550 MM OR MORE	3550-3560 MM OR MORE	3560-3570 MM OR MORE	3570-3580 MM OR MORE	3580-3590 MM OR MORE	3590-3600 MM OR MORE	3600-3610 MM OR MORE	3610-3620 MM OR MORE	3620-3630 MM OR MORE	3630-3640 MM OR MORE	3640-3650 MM OR MORE	3650-3660 MM OR MORE	3660-3670 MM OR MORE	3670-3680 MM OR MORE	3680-3690 MM OR MORE	3690-3700 MM OR MORE	3700-3710 MM OR MORE	3710-3720 MM OR MORE	3720-3730 MM OR MORE	3730-3740 MM OR MORE	3740-3750 MM OR MORE	3750-3760 MM OR MORE	3760-3770 MM OR MORE	3770-3780 MM OR MORE	3780-3790 MM OR MORE	3790-3800 MM OR MORE	3800-3810 MM OR MORE	3810-3820 MM OR MORE	3820-3830 MM OR MORE	3830-3840 MM OR MORE	3840-3850 MM OR MORE	3850-3860 MM OR MORE	3860-3870 MM OR MORE	3870-3880 MM OR MORE	3880-3890 MM OR MORE	3890-3900 MM OR MORE	3900-3910 MM OR MORE	3910-3920 MM OR MORE	3920-3930 MM OR MORE	3930-3940 MM OR MORE	3940-3950 MM OR MORE	3950-3960 MM OR MORE	3960-3970 MM OR MORE	3970-3980 MM OR MORE	3980-3990 MM OR MORE	3990-4000 MM OR MORE	4000-4010 MM OR MORE	4010-4020 MM OR MORE	4020-4030 MM OR MORE	4030-4040 MM OR MORE	4040-4050 MM OR MORE	4050-4060 MM OR MORE	4060-4070 MM OR MORE	4070-4080 MM OR MORE	4080-4090 MM OR MORE	4090-4100 MM OR MORE	4100-4110 MM OR MORE	4110-4120 MM OR MORE	4120-4130 MM OR MORE	4130-4140 MM OR MORE	4140-4150 MM OR MORE	4150-4160 MM OR MORE	4160-4170 MM OR MORE	4170-4180 MM OR MORE	4180-4190 MM OR MORE	4190-4200 MM OR MORE	4200-4210 MM OR MORE	4210-4220 MM OR MORE	4220-4230 MM OR MORE	4230-4240 MM OR MORE	4240-4250 MM OR MORE	4250-4260 MM OR MORE	4260-4270 MM OR MORE	4270-4280 MM OR MORE	4280-4290 MM OR MORE	4290-4300 MM OR MORE	4300-4310 MM OR MORE	4310-4320 MM OR MORE	4320-4330 MM OR MORE	4330-4340 MM OR MORE	4340-4350 MM OR MORE	4350-4360 MM OR MORE	4360-4370 MM OR MORE	4370-4380 MM OR MORE	4380-4390 MM OR MORE	4390-4400 MM OR MORE	4400-4410 MM OR MORE	4410-4420 MM OR MORE	4420-4430 MM OR MORE	4430-4440 MM OR MORE	4440-4450 MM OR MORE	4450-4460 MM OR MORE	4460-4470 MM OR MORE	4470-4480 MM OR MORE	4480-4490 MM OR MORE	4490-4500 MM OR MORE	4500-4510 MM OR MORE	4510-4520 MM OR MORE	4520-4530 MM OR MORE	4530-4540 MM OR MORE	4540-4550 MM OR MORE	4550-4560 MM OR MORE	4560-4570 MM OR MORE	4570-4580 MM OR MORE	4580-4590 MM OR MORE	4590-4600 MM OR MORE	4600-4610 MM OR MORE	4610-4620 MM OR MORE	4620-4630 MM OR MORE	4630-4640 MM OR MORE	4640-4650 MM OR MORE	4650-4660 MM OR MORE	4660-4670 MM OR MORE	4670-4680 MM OR MORE	4680-4690 MM OR MORE	4690-4700 MM OR MORE	4700-4710 MM OR MORE	4710-4720 MM OR MORE	4720-4730 MM OR MORE	4730-4740 MM OR MORE	4740-4750 MM OR MORE	4750-4760 MM OR MORE	4760-4770 MM OR MORE	4770-4780 MM OR MORE	4780-4790 MM OR MORE	4790-4800 MM OR MORE	4800-4810 MM OR MORE	4810-4820 MM OR MORE	4820-4830 MM OR MORE	4830-4840 MM OR MORE	4840-4850 MM OR MORE	4850-4860 MM OR MORE	4860-4870 MM OR MORE	4870-4880 MM OR MORE	4880-4890 MM OR MORE	4890-4900 MM OR MORE	4900-4910 MM OR MORE	4910-4920 MM OR MORE	4920-4930 MM OR MORE	4930-4940 MM OR MORE	4940-4950 MM OR MORE	4950-4960 MM OR MORE	4960-4970 MM OR MORE	4970-4980 MM OR MORE	4980-4990 MM OR MORE	4990-5000 MM OR MORE	5000-5010 MM OR MORE	5010-5020 MM OR MORE	5020-5030 MM OR MORE	5030-5040 MM OR MORE	5040-5050 MM OR MORE	5050-5060 MM OR MORE	5060-5070 MM OR MORE	5070-5080 MM OR MORE	5080-5090 MM OR MORE	5090-5100 MM OR MORE	5100-5110 MM OR MORE	5110-5120 MM OR MORE	5120-5130 MM OR MORE	5130-5140 MM OR MORE	5140-5150 MM OR MORE	5150-5160 MM OR MORE	5160-5170 MM OR MORE	5170-5180 MM OR MORE	5180-5190 MM OR MORE	5190-5200 MM OR MORE	5200-5210 MM OR MORE	5210-5220 MM OR MORE	5220-5230 MM OR MORE	5230-5240 MM OR MORE	5240-5250 MM OR MORE	5250-5260 MM OR MORE	5260-5270 MM OR MORE	5270-5280 MM OR MORE	5280-5290 MM OR MORE	5290-5300 MM OR MORE	5300-5310 MM OR MORE	5310-5320 MM OR MORE	5320-5330 MM OR MORE	5330-5340 MM OR MORE	5340-5350 MM OR MORE	5350-5360 MM OR MORE	5360-5370 MM OR MORE	5370-5380 MM OR MORE	5380-5390 MM OR MORE	5390-5400 MM OR MORE	5400-5410 MM OR MORE	5410-5420 MM OR MORE	5420-5430 MM OR MORE	5430-5440 MM OR MORE	5440-5450 MM OR MORE	5450-5460 MM OR MORE	5460-5470 MM OR MORE	5470-5480 MM OR MORE	5480-5490 MM OR MORE	5490-5500 MM OR MORE	5500-5510 MM OR MORE	5510-5520 MM OR MORE	5520-5530 MM OR MORE	5530-5540 MM OR MORE	5540-5550 MM OR MORE	5550-5560 MM OR MORE



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 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 24 H)	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					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE															
6 SCOTLAND W																																	
ARGYLL																																	
ACHAGLACHGACH ...	9 9	12	13.9	7.3	10.6	-	16.1	12.13	-0.8	28	-	-	209	-	27	21	26	24	-	0	0	0	0	2	6	-	-	-	-	-	-	-	-
AROS ...	9 9	37	14.4	7.2	10.8	-	17.9	13	-1.7	28	-	-	175	-	23	10	28	27	0	0	0	0	0	2	7	-	-	-	-	-	-	-	-
BENMORE (YOUNGER)	9 9	12	13.4	7.6	10.5	-	17.0	1	-0.7	29	-	-	216	-	23	14	28	26	0	0	0	2	0	2	6	-	-	-	-	-	-	-	-
BOTANIC GARDEN ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	2	6	-	-	-	-	-	-	-	-
COLONSAY ...	9 9	3	14.0	8.0	11.0	-	17.8	1	-0.6	28	-	-	155	-	17	16	26	24	0	0	0	0	0	2	4	-	-	-	-	-	-	-	-
DUNSTAFFNAGE ...	9 9	24	13.9	6.9	10.4	-	16.5	10.11	-3.0	28	-	-	235	-	23	21	26	22	0	0	0	0	0	2	4	-	-	-	-	-	-	-	-
GLENBRANTER ...	9 9	40	13.5	7.3	10.4	-	16.4	11.12	-0.2	28	-	-	189	-	22	14	29	24	0	0	0	0	0	0	1	5	-	-	-	-	-	-	-
KNAPDALE FOREST ...	21-9	10	13.8	9.0	11.4	-	15.9	8	0.5	28	-	-	157	-	21	14	25	21	0	0	0	2	0	0	4	-	-	-	-	-	-	-	-
MACRIHANISH ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
POLLOCH ...	9 9	18	13.8	8.3	11.1	-	18.1	1	0.4	28	-	-	168	-	21	15	26	21	-	-	-	-	-	0	0	-	-	-	-	-	-	-	-
PORT ELLEN ...	21-9	20	13.4	8.8	11.1	-	15.9	12	2.8	28	-	-	152	-	18	14	29	26	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1
RHUVALL ...	21-9	9	13.7	8.9	11.3	-1.2	15.8	15	2.6	27	-	-	137	108	29	10	29	21	0	0	0	5	1	0	0	2	-	-	-	-	-	-	-
TIREE ...	9 9	15	14.3	8.4	11.3	-	17.0	8	0.4	28	13.3	-	207	-	27	7	27	23	0	0	0	0	1	0	4	-	-	-	-	-	-	-	-
BUTE																																	
BRODICK CASTLE ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KILDONAN ...	9 9	43	14.0	8.7	11.3	-	16.0	9.11	2.5	28	12.1	12.5	165	-	24	16	27	21	0	0	0	1	0	0	5	-	-	-	-	-	-	-	-
ROTHESAY ...	9 9	37	14.0	7.6	10.8	-	16.5	13	-1.2	28	-	-	170	-	21	2	26	19	-	0	-	-	1	1	6	-	-	-	-	-	-	-	-
DUNBARTON																																	
ARROCHMORE ...	9 9	94	13.2	6.2	9.7	-	17.0	1	-0.6	28	-	-	147	-	18	12	24	23	0	0	0	0	0	1	1	3	-	-	-	-	-	-	-
CUMBERNAULD ...	9 9	15	13.9	8.2	11.1	-	18.3	1	0.4	28	-	-	191	-	49	22	22	17	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-
FINNART ...	9 9	89	13.1	7.2	10.1	-2.1	15.5	13	-0.3	28	-	-	165	-	16	16	24	19	0	0	0	0	0	0	1	-	-	-	-	-	-	-	-
HELENSBURGH ...	21-9	12	14.0	7.7	10.9	-	16.6	11	-1.0	28	-	-	246	-	23	10	25	23	0	-	0	0	0	0	1	-	-	-	-	-	-	-	-
SLOY ...	9 9	335	11.3	5.8	8.5	-	14.5	3.11	0.6	27	-	-	-	-	-	-	-	-	-	1	0	0	6	0	3	-	-	-	-	-	-	-	-
STIRLING																																	
EARLS HILL ...	9 9	3	14.6	7.6	11.1	-	19.1	1	-0.1	27	-	-	89	-	12	12	20	15	0	0	0	1	0	0	1	-	-	-	-	-	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	2	14.8	8.2	11.5	-	17.2	11.13	-0.3	28	-	-	94	-	11	12	21	16	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
GRANGEMOUTH																																	
B.P. REFINERY ...	9 9	4	14.3	8.2	11.3	-	17.0	1	0.0	28	-	-	85	-	16	2	20	16	-	-	-	-	2	0	3	-	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9 9	107	14.8	-	-	-	17.6	1	-	-	12.7	-	110	-	14	5	21	16	-	-	-	-	0	-	-	-	-	-	-	-	-	-	-
PARKHEAD ...	9 9	38	14.9	6.9	10.9	-	17.7	8	-2.1	28	13.2	13.6	139	-	35	1	19	15	0	0	0	0	0	1	5	5	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	5	14.1	7.1	10.6	-2.1	16.9	2	-4.0	28	-	-	106	-	14	12	23	16	0	0	1	0	1	1	4	5	-	-	-	-	-	-	-
RENFREW																																	
ABBOTSLINCH AIRPORT ...	21-9	30	14.1	7.6	10.9	-	16.5	2	-2.3	28	-	-	118	103	15	12	22	18	0	0	0	0	0	1	3	6	-	-	-	-	-	-	-
BARRHEAD ...	9 9	61	13.1	8.4	10.7	-2.0	16.0	1	-1.7	28	-	-	148	100	19	8	23	20	0	0	0	0	0	0	0	1	-	-	-	-	-	-	-
GREENOCK ...	9 9	32	14.3	8.4	11.3	-1.8	16.7	2	-0.2	28	12.0	12.9	120	106	16	21	24	17	0	0	0	0	0	1	1	3	-	-	-	-	-	-	-
PAISLEY ...	9 9	295	11.8	5.8	8.8	-	16.4	12	-2.5	28	-	-	133	-	14	16	23	21	0	0	0	0	0	0	4	-	-	-	-	-	-	-	-
LANARK																																	
CAMPS RESERVOIR ...	9 9	208	13.0	5.0	9.0	-	17.6	12	-5.1	29	11.3	-	111	-	17	4	24	17	0	0	2	0	0	0	5	11	-	-	-	-	-	-	-
CARNWATH ...	9 9	78	12.7	6.9	9.8	-	16.0	13	-1.5	28	-	-	119	-	13	4.16	24	21	0	0	0	0	0	0	3	-	-	-	-	-	-	-	-
COATBRIDGE ...	9 9	274	12.1	5.6	8.9	-	16.0	12	-5.0	28	11.3	-	-	-	-	-	-	-	-	-	-	-	0	3	6	-	-	-	-	-	-	-	-
CRAWFORD JOHN ...	9 9	178	13.0	7.2	10.1	-	16.3	12	-1.7	28	-	-	149	-	20	12	24	19	0	0	0	0	0	0	1	-	-	-	-	-	-	-	-
EAST KILBRIDE ...	9 9	107	13.4	7.3	10.3	-2.0	16.9	1	-1.5	29	-	-	138	123	20	12	26	19	0	0	0	0	0	0	2	6	-	-	-	-	-	-	-
GLASGOW (SPRINGBURN)	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LANARK ...	9 9	388	11.2	5.4	8.3	-	14.8	12.14	-3.1	28	-	-	202	-	23	12	24	20	0	0	1	1	0	3	3	7	-	-	-	-	-	-	-
LEATHILLS ...	9 9	275	12.3	6.2	9.3	-	16.1	12	-0.7	28	-	-	-	-	-	-	-	-	-	-	-	-	1	1	5	-	-	-	-	-	-		



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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SEPTEMBER 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	0.2 MM OR MORE OR MORE	SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	GRASS FROST BELOW 0 DEG C	CONCRETE FROST 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 OR MORE	
2 ENGLAND E & NE -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	5	-	-	-	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	1	0	3	-	-	-	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	-	-	-	4.17	-	-	-		
HARTBURN GRANGE	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HARTLEPOOL	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARTON	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH YORKSHIRE																																	
ASKHAM BRYAN	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	1	1	1	3	-	0	4.14	109	-	-	
CANWOOD	9 9	6	15.8	7.7	11.7	-	21.0	16	-1.0	29	13.3	14.0	71	-	20	2	20	15	0	0	0	0	0	1	1	3	-	0	4.10	-	-	-	
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HIGH MOWTHORPE	9 9	175	14.0	7.6	10.8	-	19.5	16	1.1	29	12.0	-	102	-	17	2	21	18	0	0	1	0	2	1	0	2	-	0	4.13	-	-	-	
LEEMING	21-9	32	15.5	8.2	11.9	-	20.0	15	0.4	29	-	-	77	-	20	23	19	12	0	0	0	0	2	0	0	5	1	0	4.04	-	-	-	
MALHAM TARN	9 9	395	11.8	6.4	9.1	-1.8	16.5	16	0.2	29	11.7	-	247	-	38	7	25	18	0	0	2	0	0	0	0	3	-	0	-	-	-	-	
PICKERING	9 9	44	15.3	6.4	10.9	-	20.4	13	-2.6	29	-	-	79	-	13	2	22	18	0	0	0	0	0	0	2	10	-	0	-	-	-	-	
SCARBOROUGH	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	3	0	0	1	0	2	4.74	108	-	-	
SILPHO MOOR	9 9	203	14.1	7.5	10.8	-	19.2	16	1.0	29	11.5	-	113	-	34	23	23	15	0	0	0	0	0	0	3	-	-	-	-	-	-	-	
WHITBY (COASTGUARD)	21-9	60	15.1	8.4	11.7	-	21.0	13	0.7	29	-	-	73	-	21	23	17	14	0	0	0	0	3	0	0	1	1	3	0	-	-	-	
YORK (HESLINGTON)	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	1	1	1	1	-	0	4.42	-	-	-	
HUMBERSIDE																																	
BRIDLINGTON	9 9	48	15.0	7.7	11.3	-	20.7	16	0.8	29	-	-	82	-	9	25	19	17	0	0	1	0	2	0	0	2	-	0	4.49	-	-	-	
BRIGG	9 9	3	16.3	7.9	12.1	-	21.5	13	-1.2	29	-	-	67	-	9	6	18	13	0	0	0	0	4	0	0	1	5	-	1	3.85	83	-	-
CLEETHROPES	9 9	7	116.3	9.1	112.7	(-1.6)	21.5	13.16	3.0	29	-	-	33	66	9	17	13	9	-	-	-	-	0	0	0	-	-	-	4.68	109	-	-	
HULL	9 9	2	16.6	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	-	-	7	4.52	-	-	-	
KILNSEA	21-9	12	15.3	9.3	12.3	-	20.0	13	3.5	29	-	-	58	-	9	17	20	13	0	0	0	0	5	0	0	0	-	-	-	-	-	-	
LINCOLNSHIRE																																	
BINBROOK	21-9	108	15.0	7.8	11.4	-	20.2	13	2.1	29	-	-	59	-	8	17	18	14	0	0	0	0	5	0	0	3	0	1	4.67	-	-	-	
CRANWELL	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	4	0	0	0	0	1	5.02	110	-	-	
LINCOLN	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	3	4	-	0	4.67	-	-	-	
SKEDNESS	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	4.87	101	-	-	
WADDINGTON	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	4	1	0	0	0	0	4.81	108	-	-	-
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL	21-9	17	16.9	8.3	12.6	-	23.1	16	1.5	29	-	-	66	-	9	23	18	15	0	0	1	0	4	0	0	3	0	1	-	-	-	-	
COSTESSEY	9 9	20	17.3	8.2	12.7	-	23.8	16	2.0	29	-	-	67	-	12	4	17	14	0	0	0	0	4	0	0	2	-	2	-	-	-	-	
CROMER	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	2	2	0	0	-	2	5.67	114	-	-	
EAST DEREHAM	9 9	53	17.9	8.0	12.9	-	25.0	16	2.1	29	-	-	61	-	11	4	18	13	0	0	0	0	4	0	0	2	-	-	-	-	-	-	
GORLESTON	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	3	1	0	0	0	1	5.35	107	-	-	
MARHAM	21-9	23	16.9	8.1	12.5	-	23.2	16	2.7	29	-	-	66	-	11	4	15	14	0	0	0	0	3	0	0	1	0	1	5.05	-	-	-	
MORLEY ST BOTOLPH	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	1	0	0	2	-	2	5.51	-	-	-	
SANTON DOWNHAM	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	5.12	-	-	-	
SCOLE	9 9	27	17.1	8.2	12.7	-	22.9	16	1.8	30	13.7	14.6	88	-	21	4	18	13	0	0	0	0	1	1	0	1	-	1	5.20	-	-	-	
TERRINGTON ST CLEMENT	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	3	0	0	3	-	0	5.00	109	-	-	
CAMBRIDGESHIRE																																	
BOXWORTH	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	2	-	0	5.28	-	-	-	
CAMBRIDGE																																	
BOTANIC GARDENS	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</											



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

SEPTEMBER 1974

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		PRECIP- ITATION	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND CHILL DEGREES C	WIND CHILL DEGREES F	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	14.6	8.3	11.5	-1.6	20.1	16	0.3	29	13.1	13.8	117	158	25	2	22	16	0	0	0	0	3	0	0	2	0	0	0	0	0	0
BRAMHAM ...	9 9	54	15.2	7.5	11.3	-	20.7	16	0.0	29	-	-	80	-	26	2	18	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HUDDESFIELD																																
OKES ...	21-9	232	14.9	7.6	11.3	-1.6	20.8	16	2.1	29	12.3	11.9	166	200	36	7	26	19	1	0	4	0	5	1	0	4	2	7	4.37	118	-	
RAVENSKNOLLE	9 9	99	15.4	8.6	12.0	-1.4	20.6	16	1.1	29	13.5	14.3	134	203	35	7	22	13	0	0	0	0	3	0	0	1	1	1	1	4.42	121	-
ILKLEY ...	9 9	83	14.7	8.0	11.3	-1.8	19.6	16	-1.5	29	-	-	111	132	22	2	23	16	0	0	0	0	1	1	1	1	1	0	0	4.54	122	-
PONTEFRAC	9 9	78	15.2	8.4	11.8	-1.7	21.0	16	2.9	29	-	-	71	141	23	2	22	14	0	0	0	0	3	0	0	0	0	0	0	0	0	0
WILSON ...	9 9	262	13.6	7.2	10.4	-	19.3	12	1.7	29	-	-	191	-	33	4	27	23	0	0	0	0	0	2	0	2	1	1	0	0	0	0
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	16.8	7.8	12.3	-	22.0	13	-0.6	29	-	-	83	-	11	27	22	14	0	0	0	0	1	7	1	1	2	1	1	4.60	-	-
SHEFFIELD	9 9	131	15.7	8.8	12.3	-1.6	22.1	13	3.9	29	13.8	14.3	91	142	20	2	24	17	0	0	0	0	1	0	0	0	0	0	0	4.62	125	-
DERBYSHIRE																																
ASHOVER ...	9 9	186	14.7	7.7	11.2	-	19.2	12	1.5	29	-	-	109	-	20	6	24	18	0	0	0	0	2	1	0	3	2	2	4.32	-	-	
BUXTON ...	9 9	314	13.1	7.3	10.2	-1.7	17.9	16	0.8	29	11.7	12.9	179	161	35	2	26	22	0	0	0	0	1	1	0	1	0	0	0	0	0	0
DERBY ...	9 9	48	16.3	8.6	12.5	-	20.7	12	0.7	29	-	-	78	-	14	2	21	18	0	0	0	0	1	0	0	2	2	2	4.35	-	-	
MACKWORTH	9 9	89	16.4	-	-	-	20.5	12	2.2	29	-	-	94	-	14	3	20	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORLEY ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WINDSORWORTH	9 9	126	14.9	7.3	11.1	-	19.4	12	-0.8	29	13.2	-	98	-	18	2.6	25	17	0	0	0	0	2	0	1	4	3	0	4.56	-	-	
NOTTINGHAMSHIRE																																
MANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTORPE	9 9	58	15.8	7.6	11.7	-	20.2	12	1.1	30	-	-	83	-	18	2	21	15	0	0	0	0	0	0	0	0	0	0	0	4.44	114	-
NOTTINGHAM	9 9	59	17.6	8.7	13.1	-1.0	21.0	12	1.0	29	13.3	14.4	62	124	11	2	19	17	0	0	0	0	0	0	0	0	0	0	0	5.20	130	-
SUTTON BONINGTON	9 9	48	15.5	8.0	11.7	-1.8	20.5	12	1.3	28	13.4	13.7	66	-	16	2	21	16	0	0	0	0	1	0	0	3	2	2	5.20	130	-	
WARSOP	9 9	46	16.0	7.3	11.7	-	20.0	14	1.5	29	-	-	77	-	13	17	19	15	0	0	0	0	2	5	1	0	3	1	4.65	-	-	
WATNALL	21-9	117	15.5	8.0	11.7	-1.8	20.2	12	1.9	29	-	-	80	-	15	2	25	16	0	0	2	1	5	0	0	3	0	1	4.25	110	-	
STAFFORDSHIRE																																
KEELE ...	9 9	179	14.1	7.5	10.8	-	19.0	16	2.1	30	12.4	13.0	131	-	19	25	24	20	0	0	0	4	3	0	0	3	-	0	3.93	-	-	
ORKEN ...	9 9	125	15.2	7.7	11.5	-1.6	21.1	12	2.4	30	13.5	-	91	144	12	2	22	19	0	0	0	0	2	0	0	1	-	1	-	-	-	-
PENKRDGE	9 9	101	15.3	7.6	11.5	-	19.9	12	0.5	29	-	-	82	-	11	2	23	18	0	0	0	0	2	0	0	6	-	1	-	-	-	-
STONE	9 9	107	14.8	7.2	11.0	-	19.4	16	0.5	29	-	-	155	-	37	9	24	23	0	0	1	0	2	0	0	5	-	1	3.88	-	-	
LEICESTERSHIRE																																
CALDECOTT	9 9	52	16.3	7.4	11.9	-	21.5	12	0.8	30	-	-	79	-	15	4	23	16	0	0	0	0	2	0	0	3	-	0	4.97	-	-	
NEWTOWN LINCOLD	9 9	119	15.6	7.3	11.5	-	20.8	12	0.8	29	-	-	78	-	15	2	22	18	0	0	0	0	5	0	0	5	-	0	4.55	-	-	
SALOP																																
NEWPORT ...	9 9	64	15.5	7.6	11.5	-1.6	20.3	12	-0.4	30	-	-	93	155	12	12	24	20	0	0	0	0	2	0	1	5	-	1	3.86	99	-	
OSWESTRY	9 9	174	14.2	7.9	11.1	-1.9	19.2	16	1.7	30	-	-	132	174	17	2	23	21	0	0	0	1	0	0	5	-	1	3.07	80	-		
SHAMURBY	21-9	72	15.4	7.5	11.5	-2.0	20.3	16	1.1	30	-	-	97	-	10	7	24	20	0	0	0	0	3	0	0	6	3	0	3.73	95	-	
SHREWSBURY	9 9	56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	21-9	163	15.0	8.7	11.9	-1.9	20.4	12	3.4	28	11.8	-	93	143	18	2	25	21	0	0	1	0	3	0	0	4	0	1	4.34	111	-	
ELMDON AIRPORT	21-9	96	15.7	7.8	11.7	-1.7	21.0	12	-0.1	29	-	-	78	-	15	2	24	17	0	0	0	0	3	0	1	5	2	0	4.62	111	-	
KING EDWARD SCHOOL	9 9	137	15.6	8.2	11.9	-	20.3	12	3.2	29	-	-	100	-	19	2	24	20	0	0	1	0	2	0	0	0	-	1	-	-	-	-
WARWICKSHIRE																																
LUDDINGTON	9 9	56	16.1	8.0	12.1	-	20.9	12	0.7	29	-	-	102	-	15	2	22	19	0	0	0	0	4	0	0	2	-	1	4.85	-	-	
MORETON MORRELL	9 9	85	16.1	8.0	12.1	-	22.0	12	1.6	29	-	-	105	-	14	2	23	19	0	0	0	1	3	0	0	4	-	4	4.81	-	-	
RUGBY	9 9	117	16.0	8.1	12.1	-1.6	21.1	12	1.0	29	13.5	14.7	88	-	14	4	17	14	0	0	0	0	1	0	0	3	0	0	-	-	-	-
SHIPSTON-ON-STOUR	9 9	111	15.8	8.2	12.0	-1.8	21.4	12	3.6	28	13.4	-	121	209	17	2	24	20	0	0	0	2	5	0	0							



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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SEPTEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL 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	2-5 MM OR MORE	5-10 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 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																								
5 ENGLAND SE & CENTRAL S.																																	
GREATER LONDON																																	
BROMLEY ...	9 9	65	17.5	9.2	13.3	-1.5	22.0	16	2.0	30	-	-	133	28	4	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENFIELD ...	9 9	17	17.6	11.0	14.3	-	21.4	14	5.6	30	14.5	14.7	139	25	4	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GREENWICH ...	9 9	7	17.4	9.8	13.6	-	21.0	12-14.16	2.6	30	-	-	117	27	4	18	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPSTEAD ...	9 9	137	(16.4)	(8.6)	(12.5)	(-1.8)	20.9	16	2.4	30	-	-	152	254	29	4	19	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HAMPTON ...	9 9	12	16.9	9.7	13.3	-1.8	21.5	16	3.1	30	-	-	130	32	4	20	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
HEATHROW AIRPORT	21-9	25	17.5	9.5	13.5	-1.4	21.8	12	2.4	30	-	-	140	31	4	19	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KENSINGTON PALACE	9 9	25	17.7	9.6	13.7	-1.7	21.5	12	3.5	30	15.3	15.3	119	208	32	4	20	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
KEM	21-9	6																															
PSYCHROMETER ...	21-9		17.1	8.6	12.9	-	20.9	16	0.5	30	14.4	14.3	124	238	31	4	19	15	0	0	0	0	5	0	0	7	1	0	5.66	119	-	-	
NORTH WALL SCREEN			17.1	9.4	13.3	-1.6	21.4	12-16	2.6	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LONDON WEATHER CENTRE																																	
ST JAMES PARK	9 9	4	17.4	10.1	13.7	-1.8	21.2	16	3.7	30	-	-	121	224	30	4	20	15	0	0	0	0	0	0	0	0	0	0	0	5.50	124	-	-
SOUTHGATE	9 9	67	16.9	9.9	13.4	-1.4	21.0	14	3.4	30	14.5		150	268	27	4	17	15	0	0	0	0	0	0	0	0	0	0	0	5.67	126	-	-
WADDON	9 9	59	17.2	9.2	13.2	-1.6	21.5	15-17	2.5	30	-	-	134		30	4	19	18	0	0	0	0	0	0	0	0	0	0	0	4.98	-	-	-
WEALDSTONE																																	
WILTSHIRE																																	
BOSCOMBE DOWN	21-9	126	16.1	8.0	12.1	-1.8	21.0	12	1.2	30	-	-	165	258	29	4	23	18	0	0	0	0	2	0	0	0	5	2	0	5.44	120	-	-
LACOCK	9 9	49	15.9	7.6	11.7	-	20.0	12	-2.1	30	-	-	161		41	26	21	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LARKHILL	9 9	132	16.0	8.1	12.1	-1.6	21.0	12	2.1	30	-	-	177	264	26	4	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LYNEHAM	21-9	145	15.3	8.1	11.7	-2.0	19.7	12	1.8	30	-	-	142		25	26	21	17	0	0	0	0	0	0	0	0	0	0	0	4.62	-	-	
PORTON	9 9	110	15.9	7.5	11.7	-1.9	21.5	12	0.8	30	13.2		150	220	32	4	18	14	0	0	0	0	0	0	0	0	0	0	0	5.23	113	-	-
UPAVON	21-9	179	15.9	7.9	11.9	-	20.3	12	1.4	30	-	-	168		25	26	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
BERKSHIRE																																	
EASTHAMPTON	9 9	77	16.6	7.7	12.1	-	21.8	12	-1.3	30	13.8	14.0	132		31	4	20	16	0	0	2	0	4	0	2	5	1	0	5.47	-	-	-	
FINCHAMPTON	9 9	65																															
HURLEY	9 9	43	(16.4)	(8.4)	(12.4)	-	22.1	12	2.1	30	(13.9)		162		35	26	22	18	0	0	0	0	0	0	0	0	0	0	0	4.49	-	-	
READING	9 9	66	16.3	8.8	12.5	-	21.7	12	3.0	30	13.9	14.3	146		29	4	21	19	0	0	0	0	0	0	0	0	0	0	0	5.52	-	-	
SHINFIELD	9 9	61	16.9	8.7	12.8	-1.4	22.5	12	2.6	30	-	-	124	218	28	4	21	15	0	0	0	0	0	0	0	0	0	0	0	4.95	-	-	-
SURREY																																	
NICKLEHAM	9 9	55	16.5	7.7	12.1	-1.8	20.6	16	-0.1	30	14.6	14.8	141		32	4	19	17	0	0	0	0	3	1	0	2	0	0	0	5.42	118	-	-
WISLEY	9 9	35	17.1	8.6	12.9	-1.5	21.0	16	0.8	30	13.9	14.7	135		34	4	19	19	0	0	0	0	1	3	1	0	4	0	0	0	0	0	
KENT																																	
DOVER	9 9	6	16.7	10.9	13.8	-1.6	20.5	15	4.5	30	16.1	16.0	185		32	24	19	19	0	0	0	0	0	0	0	0	0	0	0	5.04	96	-	-
DUNGENESS	9 9	3	16.7	11.3	14.0	-	19.9	16	3.0	30	-	-	152		25	23	20	16	0	0	2	0	5	0	0	0	0	0	0	0	0	0	
EAST MALLING	9 9	37	17.0	8.6	12.8	-1.4	21.6	12	1.3	29	14.5	15.2	137		25	4	17	17	0	0	0	0	4	0	0	0	2	0	0	5.49	112	-	-
ELMSTONE	9 9	5	17.5	8.5	13.0	-	21.8	15	1.6	30	-	-	114		21	23	21	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
FAVERHAM	9 9	48	17.0	8.8	12.9	-	21.3	12	2.2	30	(14.4)	15.2	124		24	4	18	17	0	0	0	0	0	0	0	0	0	0	0	5.42	-	-	
FOLKESTONE	9 9	31	16.3	9.6	12.9	-	18.8	15	3.6	29	-	-	15.4	157	257	28	24	20	18	0	0	0	0	2	0	0	0	0	0	5.35	99	-	-
GILLINGHAM	9 9	4	17.8	9.6	13.7	-	22.0	14-15	3.5	30	-	-	137		25	4	19	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
GOUDHURST	9 9	85	16.2	8.6	12.4	-1.5	20.1	16	0.5	30	-	-	167	235	32	4	20	19	0	0	0	0	1	0	0	2	0	0	0	5.11	-	-	
HADLOW COLLEGE	9 9	30	17.0	8.0	12.5	-	20.6	16	1.4	30	14.5		131		27	4	19	17	0	0	0	0	1	1	0	0	0	0	0	0	0		
HERNE BAY	9 9	31																															
MARSTON	21-9	44	17.0																														







TABLE 3 SUMMARY OF DAILY OBSERVATIONS

[illegible]











TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1974

STATION	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	WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					VISIBILITY						BEAUFORT FORCE					N	NNE	E	ESE	S	SSW	W	WNW							
										MEAN	0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-590M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM									40KM AND OVER	8 OR MORE	6-7	4-5	1-3	CALM	
NUMBER OF OBSERVATIONS																																								
6 SCOTLAND W - CONTO. DUMFRIESSHIRE																																								
ESKDALEHUIR	237	3	1004.9	-	7.1	0.5	9.7	94	5.2	3	5	4	7	10	1	0	1	0	0	0	1	3	8	8	8	3	0	0	7	12	11	0	1	1	2	5	7	2	1	
		9	1004.7	- 8.2	9.1	1.0	10.4	88	6.1	1	2	5	12	10	0	0	0	0	0	0	0	1	6	8	13	2	0	0	8	16	4	3	1	1	3	4	9	5	1	
		15	1004.6	-	11.2	2.0	10.3	77	7.0	0	0	3	17	10	0	0	0	0	0	0	1	0	7	4	12	6	0	1	12	15	2	3	1	1	2	6	6	6	3	
		21	1006.2	-	7.9	0.7	9.9	91	5.7	1	5	3	11	10	0	0	0	0	0	0	3	4	7	13	3	0	0	0	8	13	9	1	1	1	0	3	11	3	1	
2 ENGLAND E & NE NORTHUMBRIA																																								
ACKLINGTON	46	3	1004.5	-	8.7	0.6	10.6	92	5.2	2	7	4	5	11	1	0	1	0	0	0	1	1	1	1	9	12	0	0	5	21	4	0	0	1	4	5	6	7	3	
		9	1004.5	- 8.4	11.4	1.2	11.8	86	5.6	0	6	4	13	7	0	0	0	0	0	0	1	2	2	2	7	12	0	0	10	19	3	1	1	0	3	2	5	5	10	3
		15	1004.3	-	13.5	2.2	11.7	75	5.7	0	4	7	14	5	0	0	0	0	0	0	0	2	6	0	8	14	0	1	10	19	0	2	2	0	5	4	8	7	2	
		21	1005.5	-	9.7	0.9	10.9	89	4.5	2	11	2	9	6	0	0	0	0	0	0	0	2	4	3	10	11	0	1	8	20	1	3	0	0	2	4	11	9	0	
SEAHOUSES	12	3	1003.5	-	9.6	1.1	10.3	85	4.9	2	7	6	9	4	2	0	0	0	2	0	0	4	7	13	4	1	0	4	23	2	1	0	0	0	10	6	10	1		
		9	1003.7	-	11.7	1.7	11.1	80	5.3	0	5	8	12	5	0	0	0	0	0	0	1	3	4	3	14	5	0	2	8	19	1	1	1	1	1	7	4	12	2	
		15	1003.5	-	13.7	2.9	10.7	68	5.6	0	2	13	9	6	0	0	0	0	0	0	1	0	8	2	6	13	0	4	11	15	0	4	1	0	4	5	9	3		
		21	1004.7	-	10.8	1.6	10.5	80	4.9	1	8	7	7	7	0	0	0	0	0	0	0	7	4	14	5	1	0	8	21	0	4	1	0	3	3	11	8	0		
TYNE & WEAR																																								
TYNEMOUTH	40	3	1004.7	-	10.1	1.0	11.1	87	5.2	5	0	9	6	9	1	0	0	0	1	0	2	0	21	6	0	0	1	15	14	0	0	0	1	3	11	2	11	2		
		9	1004.7	- 8.7	11.5	1.5	11.5	82	6.1	0	4	4	14	8	0	0	0	0	0	0	1	3	3	20	3	0	0	1	17	11	1	0	0	2	0	9	5	12	1	
		15	1004.5	-	13.7	2.6	11.3	71	6.0	0	1	10	15	4	0	0	0	0	0	0	0	1	3	13	13	0	0	0	21	9	0	2	2	2	3	4	1	13	3	
		21	1005.7	-	11.4	1.5	11.3	81	4.5	4	6	5	12	3	0	0	0	0	0	0	1	0	25	4	0	1	0	12	17	0	1	0	0	1	8	6	12	2		
NORTH YORKSHIRE																																								
LEEMING	33	3	1005.3	-	9.5	0.7	10.9	90	5.5	5	1	6	5	13	0	0	0	0	1	2	2	6	2	10	7	0	0	6	20	4	1	0	0	7	8	5	3	2		
		9	1005.3	- 8.7	11.6	1.4	11.5	83	5.8	0	7	2	12	9	0	0	0	0	0	0	1	1	6	5	7	10	0	0	7	22	1	2	0	2	5	5	7	6	2	
		15	1005.1	-	14.6	2.9	11.5	69	5.5	0	4	7	14	5	0	0	0	0	0	0	0	1	5	4	5	15	0	0	14	16	0	3	0	1	2	6	6	8	5	
		21	1006.6	-	10.8	1.2	11.1	85	4.9	4	3	6	11	6	0	0	0	0	0	1	1	1	2	4	8	13	0	0	4	24	2	2	0	1	5	6	5	4		
WHITBY C.G.																																								
HUMBERSIDE	66	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		9	1005.0	-	11.2	1.1	11.6	86	6.1	0	3	5	11	11	0	0	0	0	0	0	1	1	7	13	5	3	1	0	13	15	1	0	0	3	1	9	9	5	2	
		15	1005.0	-	13.9	2.3	11.9	75	5.8	0	1	11	12	6	0	0	0	0	0	0	0	0	7	6	7	10	0	1	16	13	0	3	0	3	3	7	4	6	4	
		21	1006.3	-	10.9	1.4	11.0	83	4.2	2	9	5	9	5	0	0	0	0	0	0	0	3	17	9	1	1	0	0	9	19	1	3	0	0	2	3	10	4	1	
NORTH YORKSHIRE																																								
KILNSER	16	3	1006.3	-	10.8	0.9	11.6	85	4.9	5	5	3	6	11	0	0	0	0	0	0	0	3	27	0	0	2	3	15	8	2	1	0	1	1	8	9	7	1		
		9	1006.3	- 8.2	12.0	1.3	11.9	84	5.6	0	4	8	11	7	0	0	0	0	0	0	0	1	5	24	0	0	0	6	14	9	1	0	0	2	1	8	9	5	4	
		15	1006.0	-	14.2	2.4	12.1	74	6.0	1	1	7	15	6	0	0	0	0	0	0	0	1	4	25	0	0	1	2	18	6	3	0	0	4	2	4	7	6	1	
		21	1007.2	-	11.9	1.4	11.7	83	4.2	3	3	15	2	7	0	0	0	0	0	0	2	1	27	0	0	0	4	13	11	2	1	0	0	3	6	8	7	3		
LINCOLNSHIRE																																								
BINBROOK	112	3	1006.5	-	8.8	0.5	10.7	93	4.8	6	4	4	6	10	0	0	0	0	0	1	7	9	8	4	1	0	3	13	13	1	1	0	0	2	8	12	4	2		
		9	1006.5	-	11.1	1.0	11.7	87	5.8	0	6	2	13	9	0	0	0	0	0	0	1	13	8	8	0	0	4	15	11	0	0	1	0	1	6	14	5	3		
		15	1006.2	-	13.9	2.6	11.4	71	6.2	0	1	8	14	7	0	0	0	0	0	0	0	1	2	15	12	0	0	2	22	6	0	2	0	0	3	4	7	10	4	
		21	1007.6	-	9.8	1.0	10.8	88	5.2	1	5	6	14	4	0	0	0	0	0	0	0	3	8	9	10	0	0	2	12	15	1	0	0	0	3	3	16	4	3	
WADDINGTON	70	3	1006.8	-	9.4	0.6	11.1	92	4.6	10	0	3	8	9	0	0	0	0	1	1	4	9	6	9	0	0	1	8	21	0	0	0	2	1	7	14	5	1		
		9	1006.8	- 8.1	11.6	1.2	11.8	86	5.6	1	4	5	12	8	0	0	0	0	1	0	2	9	9	7	2	0	1	14	15	0	0	1	0	4	3	11	9	2		
		15	1006.4	-	14.6	2.8	11.9	71	5.5	0	3	8	15	4	0	0	0	0	0	0	1	3	3	18	5	0	1	18	11	0	3	0	0	4	2	12	8	1		
		21	1007.9	-	10.9	1.2	11.3	85	5.3	1	4	8	14	3	0	0	0	0	0	2	1	7	11	9	0	0	1	6	21	2	2	0	0	1	2	5	12	6	2	
3 EAST ANGLIA NORFOLK																																								
COLTISHALL	17	3	1007.6	-	9.7	0.7	11.2	91	4.8	3	8	2	8	9	0	0	1	0	1	3	2	8	9	5	1	0	1	6	18	5	0	0	0	2	6	12	4	1		
		9	1007.5	-	13.0	1.5	12.4	83	6.0	0	3	6	13	8	0	0	0	0	0	0	2	7	9	9	3	0	3	13	13	1	1	1	1	3	5	11	6	1		
		15	1007.0	-	15.5	3.2	12.0	68	6.1	0	4	2	18	6	0	0	0	0	0	0	0	0	4	10	13	3	0	2	13	15	0	1	2	2	0	3	11	6	3	
		21	1008.4	-	11.3	1.2	11.6	86	5.6	0	4	8	10	7	1	0	0	1	0	1	0	2	6	9	8	3	0	1	6	22	1	2	2	0	3	6	13	1	2	
GORLESTON	8	3	1008.1	-	11.4	0.9	12.2	89	3.3	15	0	3	5	8	1	1	0	0	0	0	1	3	24	1	0	0	1	7	21	1	1	0	0	1	12	5	7	3		
		9	1007.8	- 7.5	13.1	1.4	12.8	84	5.9	3	0	9	4	13	1	1	0	0	0	0	3	7	19	0	0	2	2	11	11	4	1	0	0	3	7	10	4	1		
		15	1007.7	-	15.3	2.6	12.7	73	5.1	3	2	11	6	6	0	0	0	0	0	1	1	5	22	0	0	0	5	13	12	0	2	0	0	2	9	10	4	3		
		21	1008.7																																					



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 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 - 1300M	2000 - 3900M	4 - 5KM	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 OBSERVED	34 OR MORE	22-33	11-21									1-10	0												
																																						SPEED (KTS)											
																																						NUMBER OF OBSERVATIONS											
3 EAST ANGLIA - CONTO. ESSEX																																																	
SHOEBURYNES	5	9	1008.9	-7.3	13.7	1.6	13.0	82	4.9	0	7	9	8	6	0	0	0	0	0	0	0	0	0	2	6	5	15	2	0	2	16	12	0	1	2	1	5	4											
	15	9	1008.4	-	16.0	2.8	13.1	71	5.6	0	4	9	11	6	0	0	0	0	0	0	0	0	1	4	5	9	10	0	0	3	16	11	0	0	0	4	4												
	21	9	1009.9	-	12.8	1.4	12.6	84	4.5	2	7	6	10	5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	14	1	2	0	0	5	13	7	2											
STANSTED	102	3	1008.4	-	9.5	0.6	11.2	92	5.3	3	6	1	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	23	1	2	0	3	6	9	4	2											
	9	9	1008.3	-7.5	12.3	1.4	12.0	83	5.3	0	5	9	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	18	0	1	0	1	4	3	11	7	3										
	15	9	1007.7	-	15.3	3.4	11.4	65	5.3	0	0	11	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	11	17	1	2	0	0	2	3	11	7	4										
WALTON-ON-THE-NAZE	8	3	1009.4	-	11.0	1.2	11.4	85	5.0	0	0	7	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	25	0	1	0	3	1	4	15	3	3										
	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
	15	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-												
4 MIDLAND COUNTIES WEST YORKSHIRE																																																	
HUDDERSFIELD DAKES	235	3	1005.9	-	8.1	0.6	10.1	92	6.2	3	2	3	4	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	12	1	1	1	1	2	4	8	10	2	0								
	9	9	1005.9	-	10.5	0.9	11.3	88	6.3	2	1	3	12	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	12	1	1	1	1	2	4	8	10	2	0								
	15	9	1005.9	-	12.8	2.1	11.3	76	6.4	0	1	6	13	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	7	18	0	2	6	17	5	0	1	2	1	9	13	1					
WILSON	267	3	1007.2	-	9.5	0.7	10.9	90	5.5	4	0	7	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	8	16	1	3	0	1	1	2	11	9	2	0							
	9	9	1006.1	-	8.6	0.7	10.2	90	5.5	2	4	5	7	10	2	0	1	0	1	9	18	0	0	0	0	0	0	0	1	10	16	3	1	0	1	1	6	9	9	0	0								
	15	9	1006.1	-	9.6	0.9	10.6	88	6.1	0	3	6	8	12	1	0	0	1	2	0	0	13	3	0	0	0	0	0	1	10	18	1	0	1	2	2	5	9	8	2	1								
SOUTH YORKSHIRE	21	9	1007.6	-	11.9	2.2	10.5	75	5.6	0	0	10	9	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	14	0	2	0	2	1	3	9	12	1	0								
	15	9	1007.6	-	9.3	1.1	10.2	86	5.6	1	5	6	5	12	1	0	0	0	0	6	21	2	0	0	0	0	0	1	9	16	4	1	0	1	3	3	11	7	0	0									
	21	9	1007.6	-	9.3	1.1	10.2	86	5.6	1	5	6	5	12	1	0	0	0	0	6	21	2	0	0	0	0	0	0	1	9	16	4	1	0	1	3	3	11	7	0	0								
FINNINGLEY	15	3	1006.0	-	9.3	0.6	10.9	92	5.8	3	1	7	9	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	21	2	0	0	2	1	12	6	5	2								
	9	9	1006.2	-8.4	12.0	1.4	11.6	84	5.7	0	6	4	12	8	0	0	0	0	1	0	3	7	12	4	3	0	0	0	14	16	0	1	0	2	2	6	9	8	2										
	15	9	1005.8	-	14.9	3.0	11.7	69	5.9	0	2	9	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	19	10	0	2	0	0	3	6	4	12	3									
NOTTINGHAMSHIRE	21	9	1007.3	-	10.6	1.0	11.3	87	5.0	2	5	7	10	6	0	0	0	0	0	1	2	13	7	6	0	0	0	0	7	22	1	1	0	0	3	6	10	6	3										
	9	9	1006.8	-	8.9	0.4	10.9	94	4.7	5	3	9	2	11	0	0	0	0	0	4	0	12	11	3	0	0	0	1	8	21	0	1	1	1	1	7	11	6	2										
	15	9	1006.9	-7.9	11.4	1.1	11.8	87	5.5	1	5	5	10	9	0	0	0	0	0	0	1	4	11	8	6	0	0	0	1	11	18	0	0	1	2	2	3	13	7	2									
WATHALL	119	3	1006.6	-	14.5	2.8	11.7	71	5.8	0	2	9	15	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	15	0	2	0	0	4	4	8	4	0									
	15	9	1006.6	-	10.5	1.0	11.3	87	5.0	3	4	6	13	4	0	0	0	0	0	4	7	18	1	0	0	0	0	0	4	25	1	1	1	0	2	4	13	4	4										
	21	9	1008.1	-	10.5	1.0	11.3	87	5.0	3	4	6	13	4	0	0	0	0	0	4	7	18	1	0	0	0	0	0	4	25	1	1	1	0	2	4	13	4	4										
SALOP	76	3	1006.6	-	9.3	0.7	10.8	90	5.5	1	5	6	11	7	0	0	0	0	1	2	0	1	6	20	0	0	0	0	1	5	23	1	1	0	4	2	6	11	4	1									
	9	9	1006.7	-8.5	11.7	1.3	11.7	85	6.2	0	1	6	17	6	0	0	0	0	0	1	3	3	2	18	3	0	0	1	8	21	0	0	0	3	1	7	9	1	0										
	15	9	1006.6	-	14.2	2.7	11.5	71	6.3	0	0	6	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	15	0	2	1	0	2	6	4	12	3	0								
WEST MIDLANDS	21	9	1008.0	-	10.7	1.2	11.1	86	6.0	0	3	5	15	7	0	0	0	0	0	1	3	7	17	2	0	0	0	0	6	24	0	0	0	1	2	7	10	4	6										
	9	9	1006.2	-	9.3	0.7	10.8	90	5.5	1	5	6	11	7	0	0	0	0	1	2	0	1	6	20	0	0	0	0	1	5	23	1	1	0	4	2	6	11	4	1									
	15	9	1006.7	-8.5	11.7	1.3	11.7	85	6.2	0	1	6	17	6	0	0	0	0	0	1	3	3	2	18	3	0	0	1	8	21	0	0	0	3	1	7	9	1	0										
EDGBASTON	165	3	1007.6	-7.8	11.3	1.2	11.4	86	5.5	1	4	7	10	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	16	0	3	0	0	6	7	12	2	0									
	9	9	1007.3	-	14.0	2.9	11.1	69	6.4	0	0	8	18	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	16	0	3	0	0	6	7	12	2	0									
	15	9	1008.8	-	11.0	1.1	11.4	86	5.2	4	0	3	5	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	19	5	1	0	0	0	5	8	5										
ELMDON	100	3	1007.4	-	9.2	0.5	11.0	93	5.1	1	3	5	7	13	1	0	1	0	1	0	3	5	13	5	2	0	0	1	8	19	2	1	0	3	3	11	5	3	2										
	9	9	1007.4	-7.9	11.8	1.3	11.8	84	5.4	0	6	6	10	8	0	0	0	0	0	0	1	10	12	6	1	0	0	1	11	18	0	0	1	1	2	8	10	6	2										
	15	9	1007.2	-	14.4	2.8	11.6	70	6.3	0	0	6	20	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	14	0	2	0	0	2	5	10	10	1									
HEREFORD & WORCESTER	21	9	1006.6	-	10.6	1.0	11.3	87	5.1	2	5	4	16	3	0	0	0	0	0	0	1	3	14	10	2	0	0	1	6	21	2	0	1	0	1	10	10	3	3										
	9	9	1007.5	-	9.6	0.7	11.2	91	5.7	2	4	4	7	13	0	0	0	0	1	0	7	11	9	2	0	0	0	2	8	14	6	0	2	1	1	10	6	9	1										
	15	9	1007.6	-	12.3	1.5	12.0	83	5.6	0	5	5	14	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13	16	0	1	2	2	6	12	3	2										
PERSHORE	36	3	1007.4	-	15.1																																												



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

SEPTEMBER 1974

STATION	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 - 590M	1000 - 1900M	2000 - 3900M	4 - 9KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE														
									0	1 - 2	3 - 5	6 - 7	8											SKY OBSCURED	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW	
NUMBER OF OBSERVATIONS																																						
5 ENGLAND SE & CENT. S.																																						
WILTSHIRE																																						
BOSCOMBE DOWN	128	3	1008.7	-	9.3	0.4	11.2	94	4.9	5	4	5	4	11	1	0	1	0	0	0	0	11	9	8	0	0	1	8	18	3	3	0	1	3	7	7	1	5
		9	1008.7	-7.6	12.1	1.2	12.2	86	4.9	1	5	9	8	7	0	0	0	0	0	0	3	7	9	4	0	0	1	13	15	1	1	0	1	2	3	3	9	9
		15	1008.6	-	14.6	2.5	12.2	73	6.1	0	1	8	15	6	0	0	0	0	0	0	2	6	15	7	0	0	2	18	9	1	1	1	1	1	5	3	14	3
		21	1010.2	-	10.4	0.8	11.4	89	5.4	1	3	10	7	9	0	0	0	0	0	0	2	7	14	0	0	0	1	5	23	1	1	0	1	2	5	9	7	4
LYNEHAM	149	3	1008.5	-	9.5	0.6	11.1	93	5.3	4	4	3	7	12	0	0	0	0	0	1	1	6	12	10	0	0	0	8	22	0	1	1	0	3	9	10	4	2
		9	1008.6	-7.4	11.5	1.1	11.9	87	5.4	0	7	4	12	7	0	0	0	0	1	0	3	4	6	14	2	0	0	1	12	17	0	3	0	2	0	4	12	5
		15	1008.4	-	14.1	2.5	11.8	73	6.3	0	1	6	17	6	0	0	0	0	0	1	1	0	6	10	12	0	0	1	19	10	0	2	0	0	0	6	14	2
		21	1010.0	-	10.6	0.9	11.4	88	5.3	1	4	10	9	6	0	0	0	0	0	0	2	13	13	2	0	0	6	24	0	1	1	0	2	5	16	2	3	
UPAVON	183	9	1008.8	-	11.7	1.0	12.2	88	5.2	0	5	7	12	6	0	0	0	0	0	1	10	6	12	1	0	1	11	13	4	2	0	0	2	6	8	6	2	
		15	1008.6	-	14.3	2.3	12.2	75	6.5	0	0	5	19	6	0	0	0	0	0	0	6	4	16	4	1	2	17	8	2	0	1	0	1	6	3	12	5	
		21	1010.3	-	10.1	0.6	11.4	92	5.3	2	3	9	7	9	0	0	0	0	0	1	2	3	9	15	0	0	1	5	22	2	3	0	1	2	8	6	6	
KENT																																						
DUNGOESS	7	3	1009.5	-	-	-	-	-	4.9	7	2	5	4	12	0	0	0	0	0	1	2	6	20	1	2	4	12	11	1	1	0	2	1	4	6	11	4	
		9	1009.9	-	13.9	1.5	13.4	83	5.4	2	3	8	9	8	0	0	0	0	1	0	5	19	0	3	6	12	8	1	1	0	1	3	5	4	9	6		
		15	1009.7	-	-	-	-	-	5.5	0	4	8	11	7	0	0	0	0	0	0	3	5	21	1	2	10	8	9	1	0	1	2	0	5	11	8	2	
		21	1010.6	-	-	-	-	-	4.2	6	4	9	2	9	0	0	0	0	0	0	7	22	1	3	2	14	10	1	1	2	0	1	8	13	2			
MANSTON	45	3	1009.4	-	11.2	0.7	12.3	91	5.3	3	5	2	12	8	0	0	0	0	0	2	3	10	15	0	0	2	7	19	2	2	0	1	1	7	10	3	4	
		9	1009.4	-	13.4	1.4	13.1	84	5.2	0	10	2	12	6	0	0	0	0	0	3	6	3	14	4	0	5	11	14	0	1	2	0	3	10	4	6		
		15	1009.1	-	15.6	2.6	13.1	73	5.5	0	4	10	9	7	0	0	0	1	0	1	2	8	11	7	0	5	15	10	0	0	1	1	5	2	15	3	3	
		21	1010.3	-	11.8	1.1	12.2	87	4.4	1	9	7	7	6	0	0	0	0	1	3	10	15	1	0	3	8	18	1	1	1	1	0	6	15	4	1		
WEST SUSSEX																																						
ORTWICK	60	3	1009.3	-	9.8	0.5	11.6	94	5.4	3	3	6	7	10	1	0	1	0	3	0	4	13	5	4	0	0	0	7	21	2	1	0	5	1	5	9	2	5
		9	1009.5	-6.8	12.8	1.3	12.7	85	5.3	0	6	7	8	8	1	0	0	1	0	1	2	10	6	8	2	0	1	11	17	1	2	1	3	1	3	10	4	
		15	1009.1	-	15.4	2.7	12.6	72	6.1	0	2	6	16	6	0	0	0	0	0	0	6	9	12	3	0	1	13	16	0	1	0	0	1	3	13	7	3	
		21	1010.7	-	10.3	0.7	11.7	92	4.6	4	7	4	10	5	0	0	0	0	1	0	2	8	10	8	1	0	1	2	25	2	0	0	1	1	3	13	7	3
THORNEY ISLAND	5	3	1009.2	-	11.7	0.9	12.4	89	4.5	7	4	3	6	10	0	0	0	0	0	1	1	4	9	14	1	0	3	10	16	1	3	2	1	4	9	5	4	
		9	1009.5	-6.8	13.5	1.3	13.3	85	4.9	0	7	7	11	5	0	0	0	0	0	3	3	5	15	4	0	5	12	13	0	0	2	3	2	3	9	7	4	
		15	1009.5	-	15.5	2.7	12.8	72	5.7	0	2	10	14	4	0	0	0	0	0	1	1	7	12	9	1	5	12	12	0	0	1	2	1	5	11	9	1	
		21	1010.7	-	12.3	1.2	12.4	85	5.0	2	6	6	8	8	0	0	0	0	0	1	3	4	20	2	0	2	5	23	0	1	1	2	0	4	11	5	6	
EAST SUSSEX																																						
EASTBOURNE C.O.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7A ENGLAND NW & I.O.M.																																						
CUMBRIA																																						
CARLISLE	28	3	1004.3	-	9.4	0.6	11.2	93	5.8	2	4	4	10	10	0	0	0	0	1	0	1	6	11	10	1	0	0	4	24	2	0	1	4	7	2	5	8	1
		9	1004.5	-8.0	10.8	0.9	11.6	88	6.4	0	1	7	13	9	0	0	0	1	0	0	2	4	9	11	3	0	0	6	22	2	0	2	5	0	5	3	11	1
		15	1004.3	-	13.5	2.4	11.4	74	6.5	0	1	6	11	12	0	0	0	0	0	0	2	6	16	6	0	0	15	15	0	2	2	1	1	2	6	14	2	
		21	1005.6	-	10.5	1.0	11.3	88	5.5	1	6	2	13	8	0	0	0	0	0	2	1	12	13	2	0	0	8	19	3	1	1	2	1	5	11	5	1	
LANCASHIRE																																						
SQUIRES GATE	11	3	1005.5	-	11.2	1.1	11.7	87	6.4	0	3	5	9	13	0	0	0	0	0	0	3	9	9	4	0	4	18	8	0	0	2	3	7	3	7	5	3	
		9	1005.7	-8.3	12.2	1.3	12.0	84	6.5	0	1	5	15	9	0	0	0	1	0	0	2	10	7	9	1	0	3	16	11	0	1	0	3	5	7	4	6	
		15	1006.0	-	13.9	2.2	12.2	75	6.2	0	1	7	16	6	0	0	0	0	0	0	3	6	13	8	1	0	3	13	13	0	2	0	4	3	2	10	7	
		21	1007.0	-	11.9	1.4	11.8	83	6.0	0	3	7	12	8	0	0	0	0	0	0	4	8	17	8	0	1	17	12	0	3	1	4	2	2	12	5	1	
MERSEYSIDE																																						
SPEKE	24	3	1005.6	-	10.5	0.7	11.7	91	5.6	0	5	6	15	4	0	0	0	0	1	1	2	11	14	1	0	1	11	18	0	4	0	0	6	9	6	3	2	
		9	1005.6	-8.8	11.9	0.9	12.5	89	6.1	0	3	3	19	5	0	0	0	0	1	2	8	10	8	1	0	1	14	15	0	1	1	1	3	11	1	10		
		15	1005.8	-	14.3	2.2	12.5	76	6.2	0	1	7	20	2	0	0	0	0	0	0	7	10	9	0	0	2	16	11	1	2	1	1	1	5	3	11		
		21	1007.0	-	11.3	0.9	12.1	89	5.3	0	6	7	12	5	0	0	0	0	0	0	8	11	11	0	0	1	12	17	0	2	0	1	3	6	6	6		
GREATER MANCHESTER																																						
RINOWAY	84	3	1006.1	-	10.0	1.0	10.8	87	6.1	1	4	3	11	10	1	0	0	1	0	0	0	9	10	9	1	0	0	7	20	3	1	1	0	2	14	4	1	
		9	1006.1	-8.4	11.6	1.5	11.3	82	5.6	0	4	5	14	7	0	0	0	0	0	2	7	14	7	0	0	0	9	21	0	0	0	2	2	13	7	5		
		15	1006.1	-	14.3	3.2	10.9	66	6.3	0	0	9	16	5	0	0	0	0	0	0	2	15	11	2	0	1	13	16	0	3	0	0	3	4	8	9		
		21	1007.5	-	11.2	1.5	11.0	82	5.5	1	5	4	15	5	0	0	0	0	1	0	1	10	8	10	0	0	5	20	5	2	0	1	2	11	4	1		
ISLE OF MAN																																						
POINT OF AYRE	9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		9	1004.2	-8.8	12.0	1.4	11																															







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

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[illegible]



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												
				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 HOURS	NUMBER OF DAYS	NUMBER OF HOURS	YEAR FROM N	SPEED-KT			DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME					
																						DATES OF OCCURRENCE				
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					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			2	6	31	278	307	102	0	9.9	210	34	7	10	210	55	7	1106			
GLOUCESTERSHIRE		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																								
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		DUNGENESS	16	10	10	2	3	5	7	23	20	14	160	321	192	27	0	15.8	200	37	7	08	220			
		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	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
		SELLAFIELD	25	12	11			0	2	13	349	325	33	0	11.0	240	26	4	15	240	38	4	1554			
LANCASHIRE		FLEETWOOD	34	15	9			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		ALBURN	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																										
GWYNEDD		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			
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			
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		
		ST MAWGAN	120	13	13	2	7	23	25		27	16	136	378	141	38	0	16.0	240	37	7	08	240			
		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			
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	020	27	23	11	100	41	7	0348			
DOWN		KILKEEL	36	19	14	7		1	4	23	346	273	76	1	10.7	100	35	7	02	110	49	7	0318			
ARMAGH		PORTADOWN	26	10	10																					
TYRONE		CARRIGANS	129	10	10			0	0	0	125	364	231	0	6.3	110	18	7	02	100	38	7	0242			
FERMANAGH		CASTLE ARCHOALE FOREST	80	13	13			0	0	0	102	426	161	31	6.4	340	16	23	11	220	34	21	1333			



Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

OCTOBER

1974

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 duldest 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

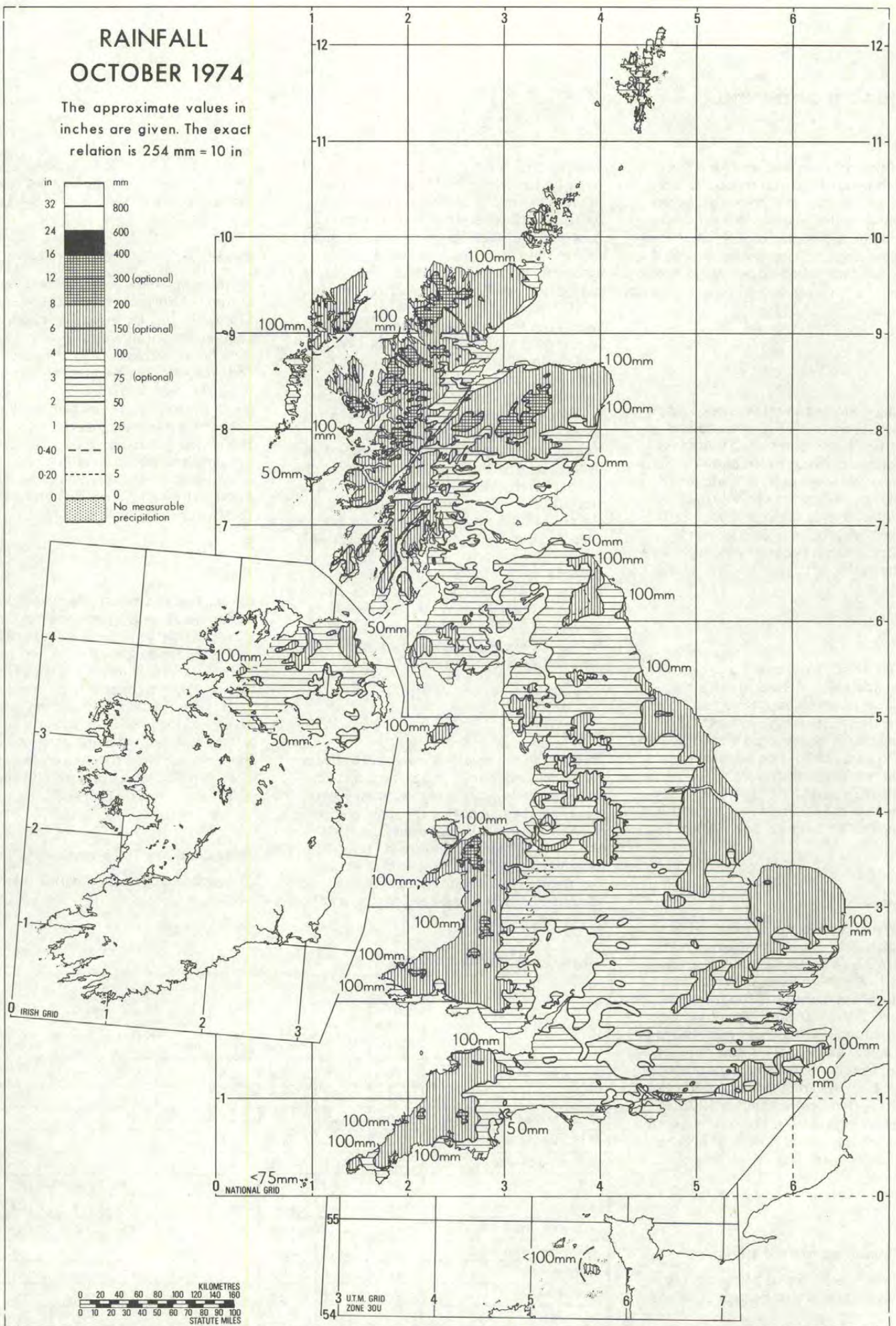
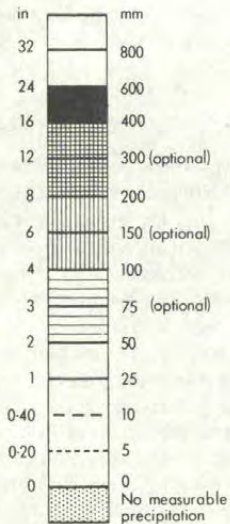
District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max.*	Lowest Min.*	max.	min.	mean				
			difference from average						
0 Scotland N	14.0	—1.0	—1.7	—2.3	—2.0	—1.3	+5	77	90
1 Scotland E	14.2	—0.5	—2.7	—1.5	—2.1	—1.6	+4	98	69
2 England E & NE	13.9	—4.1	—3.5	—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.

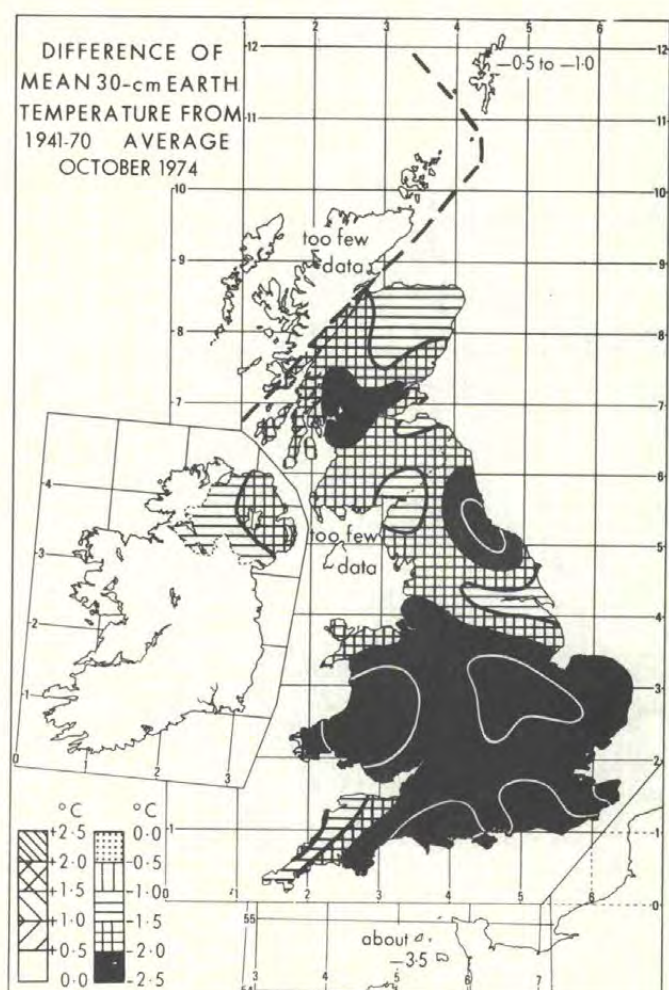
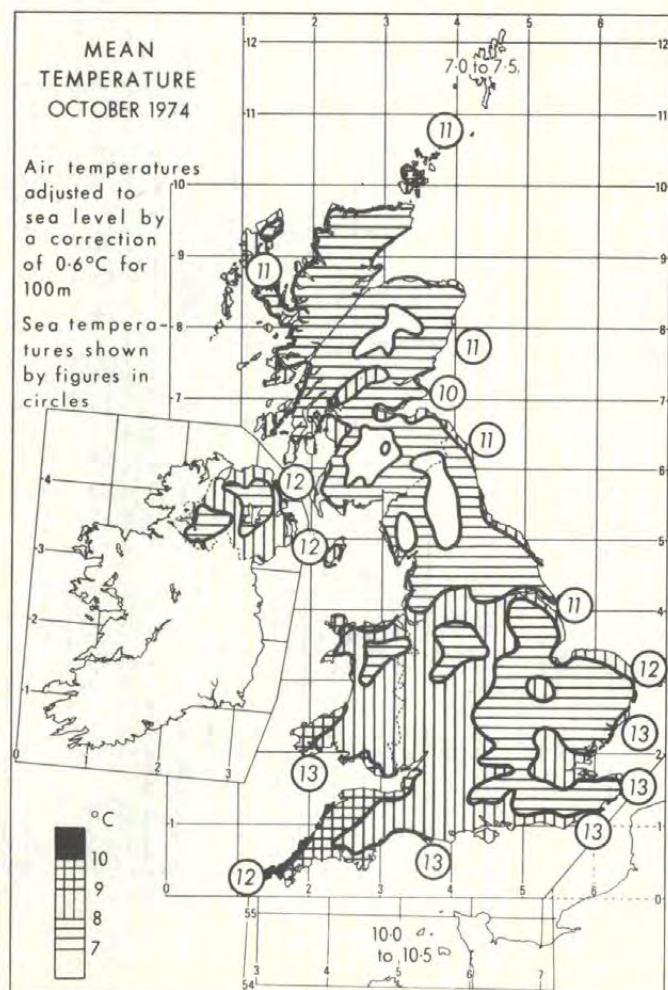
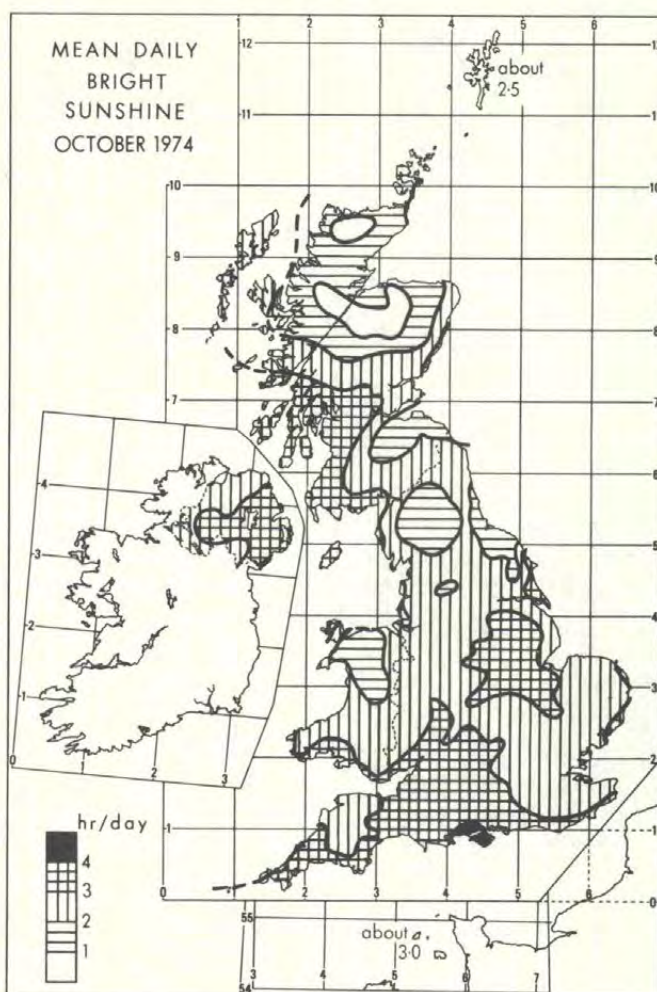
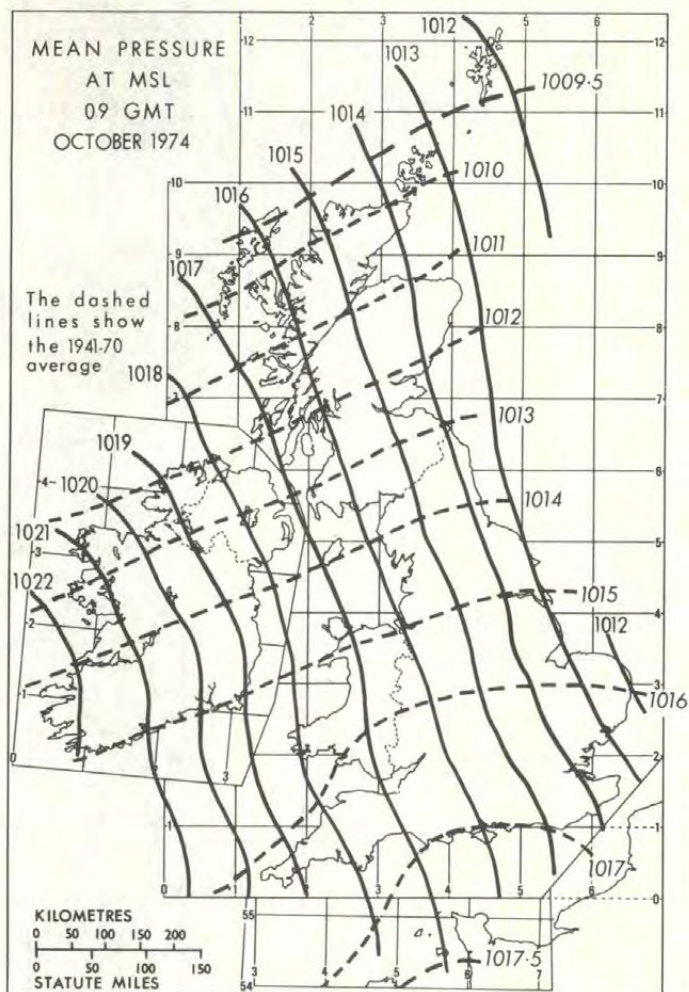


# RAINFALL OCTOBER 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1974

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		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. BELCH O DEG C	CONCRETE MIN. BELCH O 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															
0 SCOTLAND N																																	
ZETLAND																																	
BALTASOUND ...	9 9	24	9.4	4.4	6.9	-1.5	11.8	7	-1.5	31	8.2	-	85	71	11	20	23	17	8	0	0	0	0	0	1	-	-	4	2.63	141	-	-	
LERWICK	21 9	82																															
PSYCHROMETER ...			8.6	4.6	6.6	-	11.1	7	-0.1	31	-	-	91	-	11	18	20	17	2	0	0	5	0	0	1	9	4	1	2.68	135	-	-	
SCREEN ...			9.0	4.8	6.9	-1.6	11.5	15	0.0	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ORKNEY																																	
KIRKWALL AIRPORT ...	21-9	26	9.8	5.5	7.7	-1.5	12.9	14	1.3	31	-	-	102	-	15	1	22	17	2	0	3	3	0	0	0	7	2	3	1.94	82	-	-	
STENNESS ...	9 9	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SULE SKERRY ...	21-9	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
CAITHNESS																																	
DOWNREAY ...	9 9	21	10.2	5.4	7.8	-	13.5	14	1.0	31	-	-	120	-	20	1	29	23	0	0	0	0	0	4	0	4	-	3	1.51	-	-	-	
KEISS ...	9 9	30	9.7	4.7	7.2	-	12.2	14	0.8	19	8.0	9.2	70	-	10	26	24	17	0	0	0	1	0	0	0	1	1	1	2.11	-	-	-	
WICK ...	21-9	36	9.9	4.6	7.3	-2.0	12.9	14	-0.9	31	-	-	72	97	13	27	26	17	0	0	0	6	0	0	1	6	2	1	2.00	73	-	-	
SUTHERLAND																																	
CAPE WRATH ...	21-9	112	9.0	6.2	7.6	-1.9	11.4	14	1.9	29	-	-	108	82	10	1	30	24	3	0	0	4	0	2	0	0	0	3	1.52	-	-	-	
LAIRG ...			9.7	3.4	6.5	-	13.1	14	-1.2	13	7.1	8.4	99	-	16	1	29	22	3	0	0	0	0	0	2	17	-	0	1.42	-	-	-	
STRATHY ...	9 9	37	9.5	4.8	7.1	-1.8	13.5	14	0.9	13	-	-	150	-	23	1	30	26	0	0	1	1	0	0	0	-	-	1	0.94	40	5	-	
ROSS & CROMARTY																																	
ACHNASHELLACH ...	9 9	67	9.6	3.8	6.7	-2.3	12.3	8	1.0	1	-	-	213	84	37	27	30	24	2	0	0	2	0	0	0	-	1	-	-	-	-	-	
BALMACARA ...	9 9	4	10.8	5.0	7.9	-	14.4	7	2.6	29	-	-	117	-	19	17	23	19	0	0	0	0	0	0	0	-	1	-	-	-	-	-	
CONTIN (CRAIGDARROCH) ...	9 9	38	10.6	3.6	7.1	-	14.1	26	-1.5	13	-	-	46	-	8	27	20	10	0	0	0	0	0	0	1	6	-	0	-	-	-	-	
FORTROSE ...	9 9	5	10.3	5.3	7.8	-2.2	13.5	26	1.5	29	-	-	68	107	13	6	25	18	0	0	0	0	0	0	0	-	0	-	1.45	55	-	-	
INVERPOLLY ...	9 9	14	10.0	4.3	7.1	-	13.8	14	1.1	28	8.9	-	143	-	15	30	31	26	0	0	3	2	0	0	15	-	5	1.48	-	-	-	-	
KINLOCHENE ...	9 9	23	10.3	4.2	7.3	-	13.0	14	1.5	10.19	8.3	-	143	-	23	1	28	25	0	0	0	0	3	0	14	-	2	1.84	-	-	-	-	
POOLEWE ...	9 9	6	10.4	5.3	7.9	-	12.6	14	2.7	29	-	-	169	-	21	1	30	27	0	0	6	1	0	0	0	2	-	4	1.77	-	-	-	
RUBH RE ...	21-9	16	10.1	7.2	8.7	-	12.2	15	3.4	29	-	-	103	-	12	30	31	28	0	0	0	1	0	0	0	0	2	1	-	-	-	-	
STORNOWAY ...	21-9	3	10.1	5.3	7.7	-1.8	12.2	15	1.2	28	-	-	110	-	13	6	30	26	0	0	0	3	1	0	0	5	2	1	2.81	115	-	-	
STRATHCONON ...	9 9	107	9.7	3.0	6.3	-	12.3	14.15	-2.0	13	-	-	107	-	17	27	28	20	1	0	0	1	0	1	16	-	0	-	-	-	-	-	
TARBATNESS ...	21-9	18	9.7	6.0	7.9	-1.7	13.5	14	1.4	13	-	-	77	-	12	1	25	16	0	0	0	0	0	0	-	-	1	-	-	-	-	-	
INVERNESS																																	
BENBECULA ...	21-9	6	10.5	6.1	8.3	-1.8	13.0	13	2.5	29	-	-	87	-	25	17	31	18	0	0	1	2	0	0	0	4	1	2	2.79	113	-	-	
CORPACH ...	9 9	8	11.0	3.4	7.2	-	14.1	8	0.0	1	-	-	89	-	17	17	21	14	0	0	0	0	0	0	0	9	-	1	-	-	-	-	
DALWHINNIE ...	9 9	351	8.1	1.2	4.9	-	11.6	14	-3.2	1	-	-	71	-	16	27	26	13	3	0	0	0	0	-	5	-	0	1.22	-	-	-	-	
GLENMORE LODGE ...	9 9	341	7.4	2.3	4.9	-	12.5	14	-2.4	13	-	-	213	-	37	7	31	23	3	1	0	1	0	2	6	13	7	0	0.42	-	-	-	
INVERNESS ...	9 9	4	10.4	5.4	7.9	-	13.7	14.26	1.5	13	-	-	54	-	14	6	22	13	0	0	0	0	0	0	3	-	0	1.35	-	-	-	-	
ISLE OF RHUM ...	9 9	5	10.6	5.5	8.1	-	14.1	8	2.2	1	9.2	10.7	168	-	54	17	27	19	0	0	0	2	0	0	0	11	-	5	2.05	-	-	-	-
LAGGANILIA ...	9 9	250	8.3	2.8	5.5	-	12.0	26	-3.8	13	-	-	95	-	21	7	27	18	4	0	0	0	0	1	3	10	-	0	-	-	-	-	
ONICH ...	9 9	15	11.0	3.4	7.2	-2.5	14.0	8.15	-1.0	11	-	-	105	45	14	17	20	20	-	0	-	-	-	3	2	10	-	-	2.36	117	5	-	
PRABOST ...	9 9	67	9.7	5.0	7.3	-	12.2	7	1.7	28	-	-	130	-	18	5	31	28	1	0	0	1	0	0	9	-	3	2.32	-	-	-	-	
1 SCOTLAND E																																	
NAIRN																																	
NAIRN ...	9 9	6	9.7	5.0	7.3	-2.2	14.2	14	-1.1	13	-	-	75	-	10	6	28	20	1	0	0	0	0	0	1	4	-	0	1.10	38	-	-	
MORAY																																	
ELGIN ...	9 9	15	9.7	4.8	7.3	-	14.8	14	-1.0	31	-	-	109	-	14	15	28	25	-	0	-	-	-	0	1	2	-	-	1.08	-	-	-	
FORRES ...	9 9	50	9.7	5.3	7.5	-1.8	13.5	14	-1.8	31	8.3	9.5	110	-	20	15	27	20	2	0	0	0	0	0	0	3	-	1	1.07	37	-	-	
GORDON CASTLE ...	9 9	32	9.6	5.1	7.3	-2.2	14.2	14	-0.5	31	-	-	142	215	15	7	29	23	0	0	1	0	0	0	-	1	-	0	1.14	39	-	-	
GRANTOWN-ON-SPEY ...	9 9	229	8.3	2.6	5.5	-	12.8	14	-2.6	13	-	-	156	-	18	7	29	24	3	1	0	2	0	0	4	15	-	0	1.25	-	-	-	
KINLOSS ...	21-9	5	9.8	5.4	7.6	-1.9	13.8	14	-0.2	13	8.8	-	97	-	20	15	29	22	1	0	0	4	0	0	1	6	1	1	1.94	-	-	-	
LOSSIEMOUTH ...	9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
BANFF																																	
BANFF ...	9 9	24	9.8	6.4	8.1	-	13.6	14	0.0	31	-	-	99	-	13	27	25	20	-	0	-	-	-	0	0	-	-	-	1.36	-	-	-	
GLENLIVET ...	21-9	215	8.4	3.6	6.0	-	13.5	14	-2.3	31	-	-	192	-	30	7	27	24	4	0	0	0	0	1	2	7	5	1	0.88	-	-	-	



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TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HGMT) MIN. OF STATION HEIGHT 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 1841-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	WIND DIRECTION C	WIND VELOCITY C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE	
		MAX. (A)	MIN. (B)	DAILY MEAN (MEAN OF A+B)	DIFFERENCE FROM 1841-70 AVERAGE	MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE	0.2 MM OR MORE	1.0 MM OR MORE														
6 SCOTLAND W																															
ARGYLL																															
ACHAGLACHACH ...	9 9	12	11.1	3.4	7.3	-	15.1	8	-0.2	1	-	133	-	23	17	18	15	-	0	0	-	-	-	3	18	-	-	-	-	-	-
AROS ...	9 9	37	11.3	4.2	7.7	-	14.5	8	0.2	1	-	132	-	22	5	25	21	0	0	0	1	0	0	0	17	-	-	-	-	-	-
BENMORE (YOUNGER BOTANIC GARDEN) ...	9 9	12	10.7	3.7	7.2	-	14.2	15	0.0	12	29	114	-	22	17	21	14	0	0	0	0	0	2	0	17	-	-	-	-	-	-
COLONSAY ...	9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DUNSTAFFHAGE ...	9 9	3	10.9	5.4	8.1	-	13.7	15	0.8	12	-	82	-	17	17	19	14	0	0	0	0	1	0	0	13	-	-	-	-	-	-
GLENBRANTER ...	9 9	24	10.9	3.0	6.9	-	14.2	8	-2.4	12	-	100	-	20	17	20	15	0	0	0	0	0	0	2	21	-	-	-	-	-	-
KNAPDALE FOREST ...	9 9	40	10.6	3.8	7.2	-	13.7	8	-0.4	1	-	109	-	15	18	21	17	0	0	0	0	0	0	6	16	-	-	-	-	-	-
MACRIHANISH ...	21-9	10	11.2	5.8	8.5	-	14.4	8	-0.3	1	-	70	-	17	17	19	14	0	0	0	0	0	0	1	12	-	-	-	-	-	-
POLLOCH ...	9 9	10	11.3	3.1	7.2	-	14.4	8	-1.5	22	-	157	-	23	19	21	19	0	0	0	0	0	0	4	18	-	-	-	-	-	-
PORT ELLEN ...	9 9	18	10.9	5.1	8.0	-	13.7	8	1.8	3	-	88	-	15	17	24	17	-	-	-	-	-	0	0	-	-	-	-	-	-	-
RHUVALL ...	21-9	20	10.8	7.3	9.1	-	13.1	14	3.4	29	-	98	-	122	17	23	17	0	0	0	2	0	0	0	0	-	-	-	-	-	-
TREE ...	21-9	9	10.8	7.0	8.9	-1.6	12.9	8	3.4	29	-	63	47	14	17	24	11	0	0	0	0	0	0	0	0	-	-	-	-	-	-
BUTE																															
BRODICK CASTLE ...	9 9	15	12.2	4.5	8.3	-	16.0	8	1.2	22	9.4	120	-	25	17	21	18	0	0	1	0	0	0	15	-	-	-	-	-	-	-
KILDONAN ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ROTHESAY ...	9 9	43	11.2	4.6	7.9	-	16.0	8	1.5	29	8.5	10.0	89	-	12	18	19	16	0	0	0	0	0	0	16	-	-	-	-	-	-
DUNBARTON																															
ARROCHMORE ...	9 9	37	11.1	3.7	7.4	-	14.9	15	-0.3	1	-	41	-	8	17	15	11	-	0	-	-	-	1	1	20	-	-	-	-	-	-
CUMBERNAULD ...	9 9	94	10.1	2.7	6.4	-	13.5	8	-2.0	12	-	36	-	8	17	12	9	0	0	0	0	0	0	2	12	-	-	-	-	-	-
FINNART ...	9 9	15	11.2	4.8	8.0	-	15.0	15	1.0	22	-	71	-	15	17	16	13	0	0	1	0	0	1	0	-	-	-	-	-	-	-
HELENSBURGH ...	9 9	89	10.4	3.9	7.1	-2.2	14.0	8	1.0	1.12	-	57	-	11	27	15	12	0	0	0	1	0	0	0	-	-	-	-	-	-	-
SLOT ...	21-9	12	11.4	4.8	8.1	-	16.0	15	0.6	12	-	91	-	17	17	14	10	0	-	0	0	0	0	0	-	-	-	-	-	-	-
STIRLING																															
EARLS HILL ...	21-9	335	8.5	2.8	5.7	-	12.3	17	-0.4	30	-	-	-	-	-	-	-	2	-	0	0	0	1	2	11	9	3	3.24	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	11.0	4.5	7.7	-	13.8	8	0.5	12	-	26	-	7	18	11	11	0	0	0	0	0	0	0	-	-	-	-	-	-	-
GRANGEMOUTH																															
B.P. REFINERY ...	9 9	2	11.3	5.3	8.3	-	14.7	8	2.0	1.12.13	-	26	-	5	30	14	11	-	-	-	-	-	0	-	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9 9	4	10.9	5.1	8.0	-	14.0	8	2.0	1.12.13	-	27	-	7	30	12	9	-	-	-	-	1	0	6	-	-	-	-	-	-	-
PARKHEAD ...	9 9	107	11.2	-	-	-	14.0	4.26	-	-	7.9	20	-	6	30	11	7	-	0	-	-	-	-	-	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	11.6	3.4	7.5	-	15.2	8	-1.9	12	9.3	10.7	24	-	7	30	12	7	0	0	0	0	0	2	17	-	-	-	-	-	-
RENFREW																															
ABBOTSLINCH AIRPORT ...	21-9	5	11.2	3.1	7.1	-2.8	14.1	8	-3.0	23	-	30	-	6	30	13	18	1	0	1	0	0	0	3	18	12	1	3.50	143	-	-
BARRHEAD ...	9 9	30	11.0	3.5	7.3	-	14.2	4	-1.6	12	-	41	35	11	17	12	12	0	0	0	1	0	0	4	14	-	-	-	-	-	-
GREENOCK ...	9 9	61	10.4	5.6	8.0	-2.1	13.4	8	3.1	12	-	54	32	15	17	14	11	0	0	0	0	1	0	0	-	-	-	-	-	-	-
PAISLEY ...	9 9	32	11.2	5.0	8.1	-2.0	14.5	4	2.0	1	8.1	10.6	35	30	8	17	12	11	0	0	0	0	0	7	-	-	-	-	-	-	-
LANARK																															
CAMPS RESERVOIR ...	9 9	295	8.0	1.9	4.9	-	10.6	8	-3.2	1	-	58	-	9	30	18	12	1	6	0	0	0	2	7	-	-	-	-	-	-	-
CARNWATH ...	9 9	208	9.1	1.1	5.1	-	12.1	5	-5.3	1	7.6	55	-	8	30	18	14	1	0	1	1	0	0	12	20	14	1	-	-	-	-
COATBRIDGE ...	9 9	78	9.7	3.1	6.4	-	12.5	8.17	-1.0	1	-	36	-	9	30	13	9	0	0	0	0	0	0	1	-	-	-	-	-	-	-
CRAWFORD JOHN ...	9 9	274	8.5	1.3	4.9	-	13.0	20	-4.5	1	7.8	-	-	-	-	-	-	1	0	0	1	0	0	7	16	13	1	1.80	-	-	-
EAST KILBRIDE ...	9 9	178	9.8	3.5	6.7	-	12.8	8	-0.3	1.23	-	54	-	10	17	17	12	0	0	0	0	0	2	-	-	-	-	-	-	-	-
GLASGOW (SPRINGBURN)	9 9	107	10.5	3.6	7.1	-2.2	14.6	8	0.9	1	-	32	30	6	30	15	10	0	0	0	0	1	0	20	-	-	-	-	-	-	-
LANARK ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LEADHILLS ...	9 9	388	7.5	1.5	4.5	-	10.3	8.17	-3.1	30	-	51	-	11	30	20	13	3	1	0	0	0	7	15	-	-	-	-	-	-	-
SALSBURGH ...	9 9	275	8.9	3.1	6.0	-	11.6	8	-0.5	29	-	-	-	-	-	-	-	1	-	0	0	0	3	1	11	9	0	-	-	-	-
AYR																															
AUCHINCUIVE ...	9 9	45	10.6	3.5	7.1	-2.8	14.3	8	-1.7	12.23	8.9	10.0	48	49	10	17	18	11	0	0	0	1	0	0	-	-	-	-	-	-	-
CUMNOCK ...	9 9	99	10.1	1.7																											



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	0-2 MM DR MORE OR LESS	1-0 MM DR MORE OR LESS	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	WIND CHILL DEGREES C	SEVENTEEN DEGREES C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						
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	-		
DURHAM	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	-	2	1.77	-	-		
CLEVELAND	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	0	0	0	0	0	0	-	1	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	-		
CANWOOD	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	0	0	2	1	12	-	2.38	-	-		
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HIGH MONTHORPE	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	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	1	7	2	0	2.42	-	-		
MALHAM TARN	9 9	395	10.0	4.2	7.1	-2.7	12.0	13	-1.7	30	7.9	-	95	-	12	18	24	17	1	0	0	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	2	11	-	-	-	-	-		
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	1	0	7	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	7	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	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	0	1	1	3	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	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	0	1	2	16	-	0	-	-	-		
CLEETHORPES	9 9	7	-	-	-	-	-	-	-	-	-	-	123	273	21	6	16	16	-	-	-	-	-	-	-	-	-	-	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	0	0	1	-	3.06	100	-		
KILNSEA	21-9	12	10.4	5.4	7.9	-	12.3	14	1.7	31	-	-	118	-	28	3	20	18	0	0	0	2	0	0	0	0	0	6	3.31	-	-		
LINCOLNSHIRE																																	
BIBROOK	21-9	108	9.8	4.4	7.1	-	12.2	9.14	0.1	31	-	-	151	-	35	7	20	15	3	0	0	3	0	0	0	4	1	0	2.86	-	-		
CANNWELL	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	0	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	1	9	-	0	3.06	-	-		
SKEGNESS	9 9	5	10.8	5.5	8.1	-2.9	13.0	24	1.5	31	-	-	115	239	16	28	16	16	0	0	0	0	0	0	0	0	0	0	2.78	82	-		
HADDINGTON	21-9	68	10.3	4.9	7.6	-2.9	13.0	8	0.2	31	-	-	103	-	10	7	23	14	1	0	1	0	0	0	0	4	1	0	3.23	98	-		
3 EAST ANGLIA																																	
NORFOLK																																	
COLTSHALL	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	-	-	4	2.78	79	-		
EAST DEREHAM	9 9	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GORLESTON	21-9	4	10.5	5.8	8.1	-3.6	12.4	2	3.2	21	12.1	11.6	89	146	9	28	23	21	0	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	0	1	2	1	1	7	1	0	2.82	-	-		
MARLEY 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	0	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	-	-	-	-	-	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	0	2	1	8	-	0	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	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	-	-	-		
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	-	0	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	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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.33	-	-		
BROOKS BARN	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	2.39	-	-		
EAST BERGHOLT	9 9	4	11.0	4.3	7.7	-	14.3	1	-0.9	18	-	-	85	-	16	7	18	15	0	0	0	0	0	0	1	13	-	0	-	-	-		
HONINGTON	21-9	50	10.3	4.5	7.4	-	13.3	9	-0.5	31	-	-	96	-	15	6	18	14	3	0	3	0	2	0	1	8	2	0	2.46	-	-		
LOWESTOFT	9 9	25	10.6	5.0	7.8	-3.7	13.3	3	1.0	31	9.7	11.1	109	179	12	28	24	19	0	0	2	0	1	1	0	0	0	0	-	80	S		
MATTISHAM	21-9	89	9.9	4.5	7.2	-	12.9	1	0.3	31	-	-	86	-	15	18	19	14	2	0	1	1	1	1	0	6	1						



DISTRICT COUNTY AND PLACE	MAX. TERMINAL WIND 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	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	RAILS MIN. BELOW 0 DEG C	ICE ON ROADS 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		
4 MIDLAND COUNTIES																																		
WEST YORKSHIRE																																		
BRADFORD ...	9 9	134	9.9	4.6	7.3	-2.6	12.4	26	-1.4	31	9.0	10.9	66	92	14	1	19	12	1	0	0	0	0	0	1	1	7	0	1	0	-	-	-	5
BRAMHAM ...	9 9	54	10.1	4.4	7.3	-	12.8	26	-0.6	31	-	-	91	19	1	20	16	1	0	0	0	0	0	0	1	1	0	0	0	0	-	-	-	-
HUDDERSFIELD																																		
DAKES ...	21-9	232	9.4	4.1	6.7	-3.1	13.0	9	-0.3	31	8.1	9.2	95	112	16	1	21	15	2	0	0	0	0	1	2	1	11	7	3	2.60	94	-	-	
RAVENSKNOLLE	9 9	99	10.4	4.9	7.7	-2.5	15.7	26	-1.6	31	8.9	10.8	80	121	15	1	20	16	1	0	0	0	0	1	0	6	1	1	1	2.43	92	-	-	
ILKLEY ...	9 9	83	-	4.4	-	-	-	-	-2.0	31	-	-	67	86	11	1	20	15	1	0	0	0	0	0	1	4	1	0	0	2.43	86	-	-	
PONTEFRAC	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSDEN ...	9 9	262	8.8	3.4	6.1	-	12.0	13	-2.0	31	-	-	75	15	1	16	14	2	0	0	0	0	0	2	2	9	7	0	0	-	-	-	-	
SOUTH YORKSHIRE																																		
FINNINGLEY ...	21-9	10	10.9	5.4	8.1	-	14.0	26	0.5	31	-	-	73	-	16	1	20	15	0	0	1	0	0	0	0	0	1	1	0	3.05	-	-	-	
SHEFFIELD ...	9 9	131	10.0	5.3	7.7	-3.0	13.4	1	0.7	31	9.4	11.4	56	86	10	2	19	15	0	0	0	0	0	0	0	6	1	0	2.89	187	-	-		
DERBYSHIRE																																		
ASHOVER ...	9 9	186	10.1	4.3	7.2	-	13.3	9	-0.7	31	-	-	69	-	9	15	22	15	1	0	0	0	0	2	1	10	8	0	2.90	-	-	-		
BUXTON ...	9 9	314	8.1	3.3	5.7	-3.0	10.8	12	-1.4	31	7.2	8.5	151	136	25	1	23	22	2	1	0	0	0	2	2	8	2	2	-	-	-	5		
DERBY ...	9 9	48	11.0	5.0	8.0	-	13.9	9	-1.2	31	-	-	58	-	7	18	20	14	0	0	1	0	1	0	1	10	-	2	3.30	-	-	-		
MACKWORTH	9 9	89	-	( 2.8)	-	-	-	-	-3.5	25	-	-	53	-	7	3	16	13	0	0	0	0	1	3	4	-	-	-	0	-	-	-		
MORLEY ...	9 9	107	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
WINGERWORTH	9 9	126	10.2	4.3	7.3	-	12.6	8.9	-1.7	31	9.0	-	57	-	9	15	20	13	1	0	0	0	0	2	3	13	9	0	2.90	-	-	-		
NOTTINGHAMSHIRE																																		
MANSFIELD ...	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWTHORPE	9 9	58	(10.5)	( 4.2)	( 7.3)	-	13.1	8	-1.7	31	-	-	49	-	10	18	17	11	0	0	0	0	0	0	1	-	-	-	-	-	-	-		
NOTTINGHAM	9 9	59	11.6	5.6	8.6	-2.1	14.5	1	1.0	31	8.7	10.7	48	98	9	18	19	13	0	0	0	0	0	0	0	1	6	0	2.81	104	-	-		
SUTTON BONINGTON	9 9	48	10.7	4.8	7.7	-2.6	13.1	8.9	-1.8	31	9.6	10.9	66	-	11	15	21	13	0	0	0	0	0	0	1	6	-	0	3.11	(107)	-	-		
WARSOP ...	9 9	46	10.6	5.1	7.9	-	13.4	26	-0.7	1	-	-	61	-	8	6	20	13	0	0	0	0	0	0	1	8	-	1	2.94	-	-	-		
WATNAL	21-9	117	10.4	4.9	7.7	-2.6	13.4	14	0.5	30	-	-	53	-	10	18	22	14	2	0	0	0	0	1	2	0	12	3	0	2.99	109	-	-	
STAFFORDSHIRE																																		
KEELE ...	9 9	179	9.4	4.3	6.9	-	11.6	15	-0.6	30	8.5	10.6	99	-	14	19	22	15	1	0	0	2	2	1	1	10	-	0	2.67	-	-	-		
DAKEN ...	9 9	125	10.2	4.4	7.3	-2.4	12.5	9	-1.8	31	9.4	-	63	100	12	3	20	14	0	0	0	0	1	3	2	7	-	0	-	-	-	5		
PENKRIDGE	9 9	101	10.2	4.0	7.1	-	12.4	14	-1.1	30	-	-	75	-	11	19	19	14	0	0	0	2	2	2	9	-	-	0	-	-	-	-		
STONE ...	9 9	107	9.9	4.0	6.9	-	12.0	15	-1.5	31	-	-	77	-	13	19	20	13	1	0	1	0	0	3	3	11	-	0	2.31	-	-	-		
LEICESTERSHIRE																																		
CALDECOTT ...	9 9	52	10.4	4.2	7.3	-	13.0	14	-2.0	31	-	-	84	-	15	7	20	14	0	0	0	0	1	2	2	6	-	0	2.95	-	-	-		
NEWTON LINFORD	9 9	119	10.4	4.2	7.3	-	13.3	9	0.0	31	-	-	77	-	11	3	20	16	1	0	0	0	0	1	2	0	9	-	0	2.95	-	-	-	
SALOP																																		
NEWPORT ...	9 9	64	10.6	4.4	7.5	-2.4	12.8	15	-0.3	12	-	-	58	104	9	1	19	12	0	0	0	0	0	2	2	10	-	0	2.32	86	-	-		
OSMESTRY ...	9 9	174	10.1	5.1	7.6	-2.5	12.6	26	0.7	12	-	-	65	82	18	20	22	11	1	0	1	0	2	0	8	-	0	2.48	86	5	-	-		
SHAWBURY ...	21-9	72	10.8	4.7	7.7	-2.5	13.6	26	-0.2	30	-	-	61	-	14	20	16	14	0	0	1	2	0	1	1	9	3	0	2.25	79	-	-		
SHREWSBURY	9 9	56	11.1	4.8	7.9	-2.6	13.7	26	0.3	12	9.7	11.6	53	-	13	20	15	13	0	0	0	0	0	1	0	8	-	0	2.49	87	-	-		
WEST MIDLANDS																																		
BIRMINGHAM																																		
EDGBASTON ...	21-9	163	10.0	5.3	7.7	-3.0	12.7	8.14	0.6	30	8.7	-	66	107	11	3	20	16	0	0	0	0	1	0	0	7	2	0	2.75	98	-	-		
ELDMON AIRPORT	21-9	96	10.7	4.4	7.5	-2.7	13.2	8.14	-1.9	31	-	-	51	-	10	15	18	15	0	0	1	0	0	8	3	12	7	0	3.04	102	-	-		
KING EDWARD SCHOOL	9 9	137	10.0	-	-	-	12.8	14	-	-	-	-	68	-	10	15	19	16	0	0	0	0	2	0	-	-	-	0	-	-	-	-		
WARWICKSHIRE																																		
LUDDINGTON ...	9 9	56	10.7	4.2	7.5	-	13.2	8.14	-1.0	13	-	-	57	-	9	15	17	13	0	0	0	2	0	1	2	7	-	0	2.92	-	-	-		
MORETON MORRELL	9 9	85	10.6	4.2	7.4	-	14.0	14	-0.9	31	-	-	54	-	11	15	18	14	0	0	0	0	1	4	1	11	-	2	2.75	-	-	-		
RUGBY ...	9 9	117	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
SHIPSTON-ON-STOUR	9 9	111	10.4	( 4.7)	( 7.5)	(-3.0)	13.9	26	0.0	30	9.5	-	67	120	11	3	20	14	0	0	0	1	0	0	0	10	-	0	3.06	95	-	-		
STRATFORD-ON-AVON	9 9	49	(10.9)	4.0	( 7.5)	(-2.9)	13.8	14	-2.0	31	10.4	-	53	-	9	15	17	12	0	0	0	0	0	1	2	12	-	0	2.93	97	-	-		
WELLESBOURNE	9 9	47	10.7	4.7	7.7	-	13.3	8.14	-0.8	31	9.0	10.6	49	-	9	15	18	14	0	0	0	0	0	1	2	10	5	0	3.12	-	-	-		
NORTHAMPTONSHIRE																																		
BURBROOKE MILLS	9 9	69	-	-	-	-	-	-	-	-	-	-	77	-	23	7	16	14	0	0	0	0	0	0	-	-	-	0	-	-	-	-		
RAUNDS ...	9 9	59	10.3	4.4	7.3	-3.0	12.8	1	-1.3	31	8.7	11.0	85	178	15	7	18	12	0	0	0	1	1	2	1	6	-	0	2.68	86	5	-		
HEREFORD & WORCESTER																																		
HEREFORD(SEWAGE WORKS)	9 9	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IPSLEY(SEWAGE WORKS)	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LYONSHALL ...	9 9	155	10.5	5.0	7.7	-2.3	13.8	26	1.0	30	-	-	41	-	6	19	18	12	0	0	0	0	0	0	0	10	-	0	-	-	-	-		
MALVERN ...	9 9	62	11.4	5.7	8.5	-	14.4	26	0.8	13	9.8	11.7	37	-	5	15	16	11	0	0	0	0	0	1	0	4	-	0	3.41	107	5	-		
PERSHORE																																		
COLLEGE OF HORT.	9 9	40	11.1	( 5.5)	( 8.3)	-	14.7	26	-0.2	31	-	-	39	-	7	15	17	12	0	0	0	0	0	0	1	8	-	0	3.87	-	-	-		
ROYAL RADAR EST.	21-9	35	11.2	4.7	7.9	-	14.8	26	-1.3	13	-	-	45	-	7	15	13	13	0	0	0	0	0	1	2	7	5	0	3.17	-	-	-		
PRESTON MYNE	9 9	84	11.2	4.1	7.7	-	14.9	26	-1.0	13	-	-	45	-	6	17	17	10	1	0	1	0	0	2	3	13	-	0	-	-	-	-		
ROSS-ON-WYE	21-9	68	11.3	4.9	8.1	-2.8	14.7	26	-0.9	13	9.8	11.3	36	60	6	6	16	11	-	0	-	-	-	1	1	10	4	-	3.08	103	-	-		
GLOUCESTERSHIRE																																		
CHEL TENHAM	9 9	65	11.1	4.8	7.9	-3.1	14.0	26	-1.0	13	-	-	52	-																				



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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OCTOBER 1974

DISTRICT COUNTY AND PLACE	MAX. THERMAL (HOUR) 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	HOURS IN A DAY	PRECIP- ITATION										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	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	RAIL		
5 ENGLAND SE & CENTRAL S.																															
GREATER LONDON																															
BROMLEY ...	9 9	65	10.8	5.1	7.9	-3.4	14.0	1.9	1.0	14	-	-	79	13	2	23	12	-	-	-	-	-	-	-	-	-	-				
ENFIELD ...	9 9	17	11.1	6.4	8.7	-	14.1	14	2.1	14	10.3	12.4	73	15	15	21	13	-	-	-	-	-	-	-	-	-	-				
GREENWICH ...	9 9	7	11.2	6.0	8.6	-	13.5	9	1.1	14	-	-	79	14	3.15	18	10	-	-	-	-	-	-	-	-	-	-				
HAMPSTEAD ...	9 9	137	10.8	5.2	8.0	-3.6	13.5	1	1.0	31	-	-	78	13	18	16	12	-	-	-	-	-	-	-	-	-	-				
HAMPTON ...	9 9	12	11.0	5.3	8.1	-3.4	13.8	1	-0.1	31	-	-	72	11	18	20	14	-	-	-	-	-	-	-	-	-	-				
HEATHROW AIRPORT	21-9	25	11.0	5.6	8.3	-3.6	13.8	8	1.7	13	10.3	11.9	76	136	15	18	12	-	-	-	-	-	-	-	-	-	-				
KENSINGTON PALACE	9 9	25	11.0	5.6	8.3	-3.6	13.8	8	1.7	13	10.3	11.9	76	136	15	18	12	-	-	-	-	-	-	-	-	-	-				
KEW	21-9	6	10.8	5.3	8.1	-	13.2	9	-1.7	14	10.3	11.6	69	133	13	18	17	13	-	-	-	-	-	-	-	-	-				
PSYCHROMETER ...	9 9	10.8	5.3	8.1	-	13.2	9	-1.7	14	10.3	11.6	69	133	13	18	17	13	-	-	-	-	-	-	-	-	-	-				
NORTH HALL SCREEN	9 9	10.8	5.3	8.1	-	13.2	9	-1.7	14	10.3	11.6	69	133	13	18	17	13	-	-	-	-	-	-	-	-	-	-				
LONDON WEATHER CENTRE	- -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
ST JAMES PARK	9 9	4	11.2	5.8	8.4	-2.9	13.6	1	2.1	31	10.5	-	71	120	15	18	17	11	-	-	-	-	-	-	-	-	-				
SOUTHGATE	9 9	67	11.0	5.8	8.4	-2.9	13.6	9	2.1	31	10.5	-	71	120	15	18	17	11	-	-	-	-	-	-	-	-	-				
MADON	9 9	59	10.6	5.1	7.9	-3.4	13.0	1.9	0.0	13.14	-	-	80	15	18	16	12	-	-	-	-	-	-	-	-	-	-				
NEALSTONE	9 9	59	10.6	5.1	7.9	-3.4	13.0	1.9	0.0	13.14	-	-	80	15	18	16	12	-	-	-	-	-	-	-	-	-	-				
MILTSHIRE																															
BOSCOMBE DOWN	21-9	126	10.8	4.4	7.6	-3.1	13.6	9	-0.5	13	-	-	40	54	12	19	16	9	-	-	-	-	-	-	-	-	-				
LACOCK	9 9	49	11.5	3.0	7.7	-	14.4	5	-3.5	13	-	-	45	7	6	16	14	-	-	-	-	-	-	-	-	-	-				
LARKHILL	9 9	132	10.6	4.1	7.3	-3.2	13.2	9	-1.4	31	-	-	40	52	11	19	13	9	-	-	-	-	-	-	-	-	-				
LYNEHAM	21-9	145	10.4	4.2	7.3	-3.2	13.8	26	-2.2	13	-	-	53	8	15	15	13	-	-	-	-	-	-	-	-	-	-				
PORTON	9 9	110	10.6	3.5	7.1	-3.4	13.6	9	-2.4	13	8.9	-	38	50	19	15	8	-	-	-	-	-	-	-	-	-	-				
UPAVON	21-9	179	10.4	4.2	7.3	-	13.5	14	-0.2	13.31	-	-	44	6	15.18.19	16	10	-	-	-	-	-	-	-	-	-	-				
BERKSHIRE																															
EASTHAMPTON	9 9	77	10.4	3.1	6.7	-	13.1	1	-3.5	31	9.0	10.6	64	11	7	17	13	-	-	-	-	-	-	-	-	-	-				
FINCHAMPTON	9 9	85	10.6	4.3	7.5	-	13.5	14	-1.0	31	9.2	-	67	11	18	17	13	-	-	-	-	-	-	-	-	-	-				
HURLEY	9 9	43	10.6	4.7	7.7	-	12.8	14	-0.6	13	9.8	11.3	63	9	7	17	14	-	-	-	-	-	-	-	-	-	-				
READING	9 9	66	10.7	4.4	7.5	-3.3	13.5	14	-0.5	31	-	-	64	100	8	15	17	15	-	-	-	-	-	-	-	-	-				
SHINFIELD	9 9	61	10.7	4.4	7.5	-3.3	13.5	14	-0.5	31	-	-	64	100	8	15	17	15	-	-	-	-	-	-	-	-	-				
SURREY																															
MICKLEHAM	9 9	55	10.5	1.3.8	1.7.1	1.3.4	13.3	1	-2.4	14	9.7	11.5	98	16	15	18	15	-	-	-	-	-	-	-	-	-	-				
MISLEY	9 9	35	10.7	4.1	7.4	-3.5	13.5	1	-1.4	14	9.1	11.0	75	14	15	19	12	-	-	-	-	-	-	-	-	-	-				
KENT																															
DOVER	9 9	6	11.2	6.0	8.6	-3.6	13.9	1	2.7	31	11.1	12.1	118	29	6	18	12	-	-	-	-	-	-	-	-	-	-				
DUNGENESS	9 9	3	11.2	5.1	8.1	-	14.2	1	1.2	31	-	-	91	16	6	20	14	-	-	-	-	-	-	-	-	-	-				
EAST MALLING	9 9	37	10.5	4.9	7.7	-3.0	13.0	1.9.10	0.1	15	9.2	11.1	77	18	2	19	15	-	-	-	-	-	-	-	-	-	-				
ELMSTONE	9 9	5	11.0	4.4	7.7	-	13.7	5	-1.3	18	-	-	85	21	7	18	16	-	-	-	-	-	-	-	-	-	-				
FAVERHAM	9 9	48	10.5	4.6	7.5	-	12.8	5	1.2	18	9.4	11.6	84	17	18	18	14	-	-	-	-	-	-	-	-	-	-				
FOLKESTONE	9 9	31	10.6	4.1	7.3	-	13.3	1	0.6	15	-	-	102	135	24	6	17	11	-	-	-	-	-	-	-	-	-				
GILLINGHAM	9 9	4	10.9	5.8	8.3	-	13.8	1	1.8	31	-	-	65	10	18	19	13	-	-	-	-	-	-	-	-	-	-				
GOUDHURST	9 9	85	10.2	4.1	7.1	-3.4	13.7	1	-0.8	14	-	-	96	118	20	18	22	14	-	-	-	-	-	-	-	-	-				
HADLOW COLLEGE	9 9	30	10.7	4.6	7.7	-	15.0	14	-0.5	14	10.1	12.0	83	20	2	16	13	-	-	-	-	-	-	-	-	-	-				
HERNE BAY	9 9	31	10.6	4.5	7.5	-	13.6	3	1.8	18	-	-	80	21	7	17	14	-	-	-	-	-	-	-	-	-	-				
MANSTON	21-9	44	10.6	5.9	8.3	-	13.6	3	1.8	18	-	-	80	21	7	17	14	-	-	-	-	-	-	-	-	-	-				
MARGATE	9 9	16	10.9	4.3	7.6	-	13.2	21	-	-	9.9	11.5	86	23	7	18	12	-	-	-	-	-	-	-	-	-	-				
THORNTON	9 9	150	9.5	4.3	6.9	-	12.0	1	1.0	31	8.8	10.8	101	20	18	21	15	-	-	-	-	-	-	-	-	-	-				
ULCOMBE	21-9	47	10.6	4.1	7.3	-	13.5	1	-0.2	13	-	-	77	12	18	17	13	-	-	-	-	-	-	-	-	-	-				
WHITSTABLE	9 9	3	10.6	4.1	7.3	-	13.5	1	-0.2	13	-	-	77	12	18	17	13	-	-	-	-	-	-	-	-	-	-				
WYE	9 9	56	10.2	4.3	7.3	-3.8	12.6	7	0.5	18	9.8	11.5	104	139	19	18	19	17	-	-	-	-	-	-	-	-	-				
HAMPSHIRE																															
ALICE HOLT LODGE	9 9	115	10.4	4.0	7.2	-3.3	13.0	1	0.1	31	-	-	80	15	18	19	13	-	-	-	-	-	-	-	-	-	-				
EVERTON	9 9	18	11.7	5.2	8.5	-	14.5	5	-1.8	31	-	-	64	13	18	14	9	-	-	-	-	-	-	-	-	-	-				
LYNCHING ISLAND	9 9	4	11.5	6.0	8.7	-	13.8	1	1.0	31	-	-	48	12	18.19	12	7	-	-	-	-	-	-	-	-	-	-				
LECKFORD																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1974

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		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		PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 09H	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															
7A ENGLAND NN & I.O.M.																																	
CUMBRIA																																	
CARLISLE ...	21-9	26	10.3	3.8	7.1	-	13.9	8	-0.8	13	-	-	39	-	5	16	16	8	1	0	0	0	0	1	2	10	5	0	1.93	-	-	-	
CARTMEL ...	9-9	34	10.6	3.3	6.9	-	14.0	9	-2.4	21	-	-	65	-	13	18	17	11	0	0	0	0	0	0	4	10	5	0	0	0	0		
GRIZEDALE ...	9-9	91	10.1	1.5	5.8	-	13.4	8	-3.0	12	8.6	-	53	-	21	18	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0		
HEVERSHAM ...	9-9	30	10.8	3.9	7.3	-	13.7	8	-0.4	12	-	-	58	-	16	18	17	9	1	0	0	0	0	0	0	0	0	0	0	0	0		
MOOR HOUSE ...	9-9	556	5.7	1.6	3.3	-	9.1	15	-5.0	31	5.8	-	133	-	14	18	25	18	8	2	3	0	1	2	9	15	2	1.25	-	-	-		
NEWTON RIGG ...	9-9	171	9.3	3.5	6.4	-2.9	12.1	18	-1.6	1	8.5	-	46	-	7	18	17	13	1	0	0	0	0	1	4	16	6	0	1.62	57	5	-	
SELLAFIELD ...	9-9	13	11.1	5.6	8.3	-	14.7	8	1.5	30	-	-	172	-	14	17	18	12	0	0	0	0	0	0	0	10	0	0	2.98	-	-	-	
LANCASHIRE																																	
BAILRIGG ...	9-9	53	10.3	4.3	7.3	-	12.7	5	-0.1	30	-	-	77	-	17	18	16	11	-	0	0	0	0	0	1	13	0	0	2.52	-	-	-	
HELMESHORE ...	9-9	260	8.7	4.2	6.5	-	11.2	17	-0.1	30	8.3	-	140	-	28	18	22	19	2	0	0	0	0	0	1	10	0	0	2.74	-	-	-	
KIRKHAM ...	9-9	24	10.4	4.6	7.5	-	13.1	9	-2.0	12	-	-	96	-	25	19	16	13	0	0	0	0	0	0	1	3	7	0	2.87	-	-	-	
MORECAMBE ...	9-9	7	10.8	5.8	8.3	-2.6	13.5	8	1.2	30	-	-	72	71	17	18	17	11	0	0	0	0	0	0	0	0	0	1	2.71	-	-	-	
NELSON ...	9-9	165	9.2	3.8	6.5	-3.1	11.5	13	-2.1	31	8.2	10.2	100	-	18	18	22	17	-	0	0	0	0	0	1	11	0	0	1.76	72	5	-	
PRESTON ...	9-9	33	10.5	4.5	7.5	-	13.1	9	-0.7	12	-	-	98	99	21	18	17	14	0	0	0	0	0	0	2	12	0	0	2.75	-	-	-	
SLAIDBURN ...	9-9	192	9.3	3.5	6.4	-	12.0	5.6	-1.3	31	-	-	106	69	23	18	20	15	1	0	0	0	0	0	2	11	0	0	2.75	-	-	-	
SQUIRES GATE AIRPORT	21-9	10	10.9	5.9	8.4	-2.5	13.4	8	0.3	1	-	-	97	-	24	19	19	14	0	0	0	1	0	0	6	4	1	3.12	108	-	-		
STONYHURST ...	9-9	115	11.0	4.1	7.1	-3.0	12.5	5	-1.5	21	-	-	195	78	23	18	19	14	-	0	0	0	0	0	1	9	0	0	2.36	187	-	-	
MERSEYSIDE																																	
ATGURTH ...	9-9	12	10.8	6.2	8.5	-	14.1	17	1.5	30	-	-	92	-	14	6	18	14	0	0	0	0	0	2	0	0	0	0	0	0	0		
SOUTHPORT ...	9-9	5	10.6	5.1	7.9	-2.8	12.8	5	-1.0	12	8.6	11.3	98	-	25	19	18	14	-	0	0	0	0	0	1	8	0	0	2.84	90	-	-	
SPEKE AIRPORT ...	21-9	22	10.8	5.7	8.3	-2.9	13.2	9.17	0.8	1	-	-	85	-	13	1	17	14	0	0	1	2	1	3	0	5	2	0	2.85	102	-	-	
WEST KIRBY PARK ...	9-9	8	11.4	6.4	8.9	-2.2	13.7	5	1.8	12	-	-	73	-	10	30	23	15	0	0	0	0	0	0	0	0	0	0	2.61	83	-	-	
GREATER MANCHESTER																																	
BOLTON ...	9-9	107	10.0	4.6	7.3	-	12.5	9	0.0	30	8.7	10.1	120	-	40	2	20	14	0	0	0	0	0	1	0	7	1	2.06	79	-	-		
MANCHESTER	9-9	107	10.0	4.6	7.3	-	12.5	9	0.0	30	8.7	10.1	120	-	40	2	20	14	0	0	0	0	0	1	0	7	1	2.06	79	-	-		
RINGWAY AIRPORT	21-9	75	10.2	5.1	7.7	-2.8	12.9	9	-1.0	31	-	-	91	-	12	1	19	16	1	0	0	0	0	0	1	1	4	2	2.58	87	-	-	
WEATHER CENTRE	9-9	110	10.2	5.1	7.7	-2.8	12.9	9	-1.0	31	-	-	91	-	12	1	19	16	1	0	0	0	0	0	1	1	4	2	2.58	87	-	-	
ROCHDALE ...	9-9	110	10.2	5.1	7.7	-2.8	12.9	9	-1.0	31	-	-	91	-	12	1	19	16	1	0	0	0	0	0	1	1	4	2	2.58	87	-	-	
CHESHIRE																																	
KNUTSFORD ...	9-9	65	10.4	4.3	7.3	-	12.7	9	-0.8	30	8.9	10.6	95	-	14	3	20	16	0	0	0	0	1	1	3	6	0	0	0	0	0		
MACCLESFIELD ...	9-9	152	9.5	4.3	6.9	-3.2	11.7	2.14	-1.3	30	-	-	125	-	21	1	24	18	1	0	1	0	0	0	0	2	0	0	0	0	0		
NESS GARDENS ...	9-9	55	10.7	5.6	8.1	-	13.2	18	1.4	31	9.4	-	94	-	13	1	19	18	0	0	1	1	0	1	0	7	2	2.64	-	-	-		
WINNINGTON ...	9-9	20	10.9	5.4	8.1	-3.0	13.2	9.15	0.0	30	-	-	100	-	16	1	23	16	0	0	0	0	1	3	0	4	1	0	0	0	0		
ISLE OF MAN																																	
DOUGLAS ...	9-9	87	10.6	6.3	8.5	-2.2	13.4	8	2.0	30	-	-	110	95	20	17	20	12	0	0	2	0	1	1	0	2	3	3.58	118	-	-		
POINT OF AYRE ...	21-9	9	11.2	7.6	9.4	-2.1	13.9	9	3.0	23	-	-	91	107	16	18	21	13	1	0	1	0	3	0	0	0	0	2	3.39	111	-	-	
RONALDSWY AIRPORT	21-9	16	11.3	6.2	8.7	-2.4	14.1	8	-1.0	30	-	-	79	-	14	30	20	13	0	0	1	3	2	0	1	5	1	0	3.44	113	-	-	
7B WALES N																																	
GWYNEDD																																	
BALA ...	9-9	163	10.2	3.8	7.0	-	12.8	26	-1.5	30	9.3	10.3	122	-	18	20	24	19	1	0	0	0	4	0	1	5	8	7	1.95	-	-	-	
BARDSEY ISLAND ...	21-9	16	11.4	8.3	9.9	-	13.3	8	4.2	29	-	-	85	-	14	17	24	18	0	0	0	0	0	0	0	0	0	0	0	0	0		
BOTHMNOG ...	9-9	34	11.4	6.7	9.1	-	13.5	8	3.0	1	10.3	11.9	138	-	26	7	27	22	0	0	1	0	0	0	0	0	0	0	0	2.34	-	-	-
PEN-Y-FFRIDD ...	9-9	84	10.7	6.0	8.3	-	13.6	9	3.3	30	-	-	130	-	17	18	27	21	0	0	0	2	1	0	0	9	0	0	1.71	-	-	-	
TRANSFYNNDD ...	9-9	193	10.1	4.3	7.2	-	12.5	5	0.3	30	-	-	162	-	26	18	25	21	0	0	0	0	0	0	0	2	2	0	0	0	0		
VALLEY ...	21-9	10	11.5	7.1	9.3	-2.2	13.9	8	2.6	1	-	-	86	-	13	17	27	19	0	0	0	4	1	0	0	3	0	0	3.06	91	-	-	
CLWYD																																	
ALMEN ...	9-9	335	8.5	3.0	5.7	-	10.7	13.14.18	-2.0	13	-	-	165	137	19	20	24	19	-	-	-	-	-	-	5	15	-	-	-	-	-		
BMLCHWYN ...	9-9	386	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLWYN BAY ...	9-9	24	11.0	7.1	9.1	-	13.1	18	4.7	29	10.3	-	88	-	10	30	25	17	0	0	3	0	0	0	0	0	0	0	1.89	57	-	-	
CORNEN ...	9-9	144	10.4	3.4	6.9	-	13.2	9.13	-2.1	30	9.9	-	113	-	19	19	24	16	2	0	2	0	1	-	3	9	0	0	0	0	0		
HARRODOR BRIDGE ...	9-9	5	11.8	6.1	8.9	-1.2.0	14.3	8	0.2	1	-	-	101	162	13	1	21	18	0	0	2	0	0	1	0	0	0	1	0	0	0		
LOGGERHEADS ...	9-9	210	9.3	3.9	6.6	-	11.9	13.18	-0.9	1	8.6	10.0	109	-	14	19	22	17	1	0	5	8	0	0	2	6	0	0	2.25	-	-	-	
PRESTATYN ...	9-9	1	10.8	7.0	8.9	-2.6	12.9	18	2.5	1	-	-	75	111	13	1	21	13	0	0	1	0	0	0	0	0	0	0	0	0	0		
RHYL ...	9-9	9	11.1	7.1	9.1	-2.2	13.1	13	2.1	1	-	-	75	121	11	30	19	15	0	0	1	0	0	0	0	0	0	1	1.99	60	-	-	
RUTHIN ...	9-9	76	10.5	4.9	7.7	-	13.9	18	-1.0	30	-	-	118	-	22	20	23	17	0	0	0	0	0	0	0	0	0	0	2.08	-	-	-	
WREXHAM ...	9-9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PONYS (NORTH)																																	
CELNWS ...	9-9	61	10.7	3.8	7.3	-	13.0	1.5.15	-1.5	12	-	-	202	-	39	18	25	23	0	0	0	0	0	0	0	2	13	0	-	-	-	-	
LAKE VYRNWY ...	9-9	303	8.9	3.9	6.4	-2.7	11.5	13	0.2	29	7.6	-	121	-	20	18	21	18	5	0	5	0	0	1	0	7	0	0	0	0	0		
HOEL CYNNEDD ...	9-9	358	8.9	2.4	5.7	-	11.4	5	-2.4	12	-	-	223	-	44	18	26	22	1	0	1	0	0	0	0	9	12	0	-	-	-	-	
7B WALES S																																	
DYFED																																	
ABERPORTH ...	21-9	133	10.4	7.2	8.8	-2.4	12.3	8	4.1	29	-																						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

OCTOBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT 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	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	DEW OR FOG C	CONDENSED DEW C	OAL	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
8A WALES CONTINUED																																
WEST GLAMORGAN																																
MUMBLES HEAD	21-9	36	-	6.5	-	-	-	-	2.9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NERTH	9-9	62	11.8	6.0	8.9	-	14.2	26	1.4	12	-	85	60	21	18	22	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PENMAEN	9-9	85	11.6	5.7	8.7	-	14.6	26	0.5	30	10.3	11.8	95	22	18	22	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORT TALBOT	9-9	7	12.2	6.1	9.1	-	15.8	9	1.5	13	-	78	70	17	18	17	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWANSEA	9-9	8	12.0	6.3	9.1	-3.0	15.4	26	2.6	30	9.2	12.5	94	83	23	18	21	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MID GLAMORGAN																																
LLWYNON	9-9	242	9.7	3.9	6.8	-	11.7	1	-1.0	13	-	95	58	21	18	23	18	1	0	0	0	0	0	3	2	-	-	0	2.53	-	5	
PORTHAWL	9-9	6	12.2	6.7	9.5	-	14.3	17	2.5	1	-	68	-	16	18	15	13	0	0	0	0	0	4	0	-	-	0	3.11	-	5		
SOUTH GLAMORGAN																																
CARDIFF	9-9	62	11.5	5.4	8.5	-2.8	14.2	9	2.0	13	10.3	12.0	55	53	18	18	17	9	0	0	0	0	0	0	0	0	0	0	3.16	96	5	
RHOSE AIRPORT	21-9	67	11.2	5.3	8.3	-	13.6	9	1.5	12	-	57	-	12	18	16	8	0	0	0	0	0	1	1	0	7	4	0	3.18	-	-	
OWENT																																
CRUMBLAND	9-9	245	9.8	4.2	7.1	-	12.9	26	0.5	30	8.9	10.3	41	-	7	6	17	12	0	0	0	0	0	3	0	7	-	0	3.27	-	-	
NEWPORT	9-9	23	11.8	4.8	8.3	-	14.5	9	0.5	12.13	-	47	-	14	18	12	9	0	0	0	0	0	0	2	0	6	-	0	3.26	-	-	
TREDEGAR	9-9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK	9-9	21	11.7	-	-	-	14.8	9	-	-	9.6	-	43	-	7	2.18	16	10	0	0	0	0	0	1	-	9	-	0	3.84	165	-	
8B ENGLAND SW																																
AVON																																
BATH	9-9	118	11.1	5.0	8.1	-	13.7	9	0.7	13	10.6	-	37	-	7	6	12	9	0	0	0	0	0	2	0	11	-	0	-	-	-	
FILTON	21-9	59	11.2	5.7	8.5	-2.6	13.9	26	-0.7	13	-	47	-	14	6	16	12	0	0	0	0	0	0	0	1	7	4	0	3.27	109	-	
LONG ASHTON	9-9	51	11.3	5.1	8.2	-2.9	14.2	26	-0.2	13	10.0	-	64	81	11	18	17	14	0	0	1	0	0	0	1	8	-	0	3.19	101	-	
SOMERSET																																
CANNINGTON	9-9	23	11.8	6.4	9.1	-2.4	15.5	1	0.4	13	11.0	-	55	82	12	6	20	12	0	0	0	0	1	1	0	3	-	0	3.37	104	-	
CHEODAR	9-9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY	9-9	183	10.7	4.7	7.7	-	13.6	26	0.0	30	-	73	-	23	18	15	11	0	0	0	0	0	0	0	0	-	0	-	-	-	-	
EXTON	21-9	336	9.7	4.4	7.1	-	13.1	9	-0.4	30	-	106	-	27	6	23	17	3	0	0	0	0	0	0	1	10	2	0	-	-	-	
HAWKRIIDGE	9-9	314	9.6	4.4	7.0	-	11.9	9	-0.5	13.30	-	133	-	28	6	24	16	1	0	0	0	0	2	0	2	10	-	0	2.68	-	-	
NETTLECOMBE	9-9	96	11.4	5.4	8.4	-	14.1	9	-0.1	13	10.3	-	69	-	15	6	20	15	0	0	0	0	1	1	1	-	0	-	-	-	-	
ROONEY STONE	9-9	40	11.4	5.1	8.3	-	14.2	26	0.5	13	10.8	12.0	55	-	11	18	17	13	0	0	0	0	0	0	0	0	0	-	-	-	-	
WINCANTON	9-9	114	11.1	4.5	7.8	-	14.8	9	-1.5	13	-	63	-	17	18	14	12	0	0	0	0	0	0	0	1	9	-	0	-	-	-	
YEOWITON	21-9	18	11.7	5.1	8.4	-	14.3	9	-3.0	13	-	58	-	14	19	15	10	0	0	0	0	0	1	2	5	3	0	-	-	-	-	
DORSET																																
BOURNEMOUTH																																
MURN AIRPORT	21-9	10	11.9	4.2	8.1	-	14.0	26	-3.0	13	-	49	-	16	19	13	7	0	0	0	0	0	0	0	2	7	5	0	3.99	-	-	
MEYRICK PARK	9-9	40	11.3	5.1	8.2	-3.5	13.4	26	-0.3	31	9.5	11.5	54	63	17	19	16	9	0	0	0	0	0	0	1	2	-	0	4.08	106	-	
CHRISTCHURCH	9-9	3	11.9	5.0	8.5	-	14.3	1	-1.5	13	-	55	-	18	19	12	7	0	0	0	0	0	0	0	2	9	-	0	-	-	-	
POOLE	9-9	5	11.8	5.0	8.4	-3.3	15.0	26	-1.0	13	10.9	12.4	51	-	16	19	12	9	0	0	0	0	0	0	2	4	-	0	4.03	109	-	
PORTLAND BILL (COASTGUARD)	21-9	53	11.4	7.1	9.3	-3.6	13.8	1	2.4	31	-	53	-	20	19	13	18	0	0	0	0	1	0	0	1	0	1	3.65	-	-	-	
SHAFESBURY	9-9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANAGE	9-9	11	11.8	5.5	8.7	-3.4	14.8	26	1.0	31	-	12.6	58	71	20	19	11	9	0	0	0	0	0	0	0	1	-	0	3.62	95	-	
WYMOUTH	9-9	23	12.5	5.7	9.1	-	15.5	9	0.2	13	-	60	-	16	19	15	11	0	0	0	0	0	0	0	0	-	0	3.76	95	-		
WIMFRITH	9-9	26	12.2	4.9	8.5	-	14.5	26	-1.2	13	-	47	-	14	18	12	7	0	0	0	0	0	0	1	10	-	0	-	-	-	-	
DEVON																																
CHELDON BARTON	21-9	164	11.2	4.6	7.9	-	14.4	9	-0.3	12	10.4	-	99	-	17	6	21	16	1	0	2	1	0	0	2	12	-	0	2.89	-	-	
CHIVENDOR	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXETER AIRPORT	21-9	32	11.7	5.7	8.7	-2.7	15.0	9	0.4	13	-	49	-	9	6	20	13	0	0	2	0	0	0	0	0	11	3	0	2.85	88	-	
EXMOUTH	9-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT	21-9	91	10.9	8.3	9.6	-2.4	13.0	1	5.1	21	-	77	90	13	6	21	14	0	0	2	2	0	0	0	0	0	4	2.70	79	-		
NEWTON ABBOT	9-9	83	11.8	5.8	8.8	-2.7	15.3	9	0.9	13	-	51	54	11	18	17	13	0	0	0	0	0	0	0	3	-	0	3.51	101	-		
PLYMOUTH																																
MOUNT BATTEN	21-9	27	11.8	6.5	9.1	-3.0	14.9	9	1.2	12	-	91	98	21	18	20	16	0	0	0	0	1	0	0	0	7	4	1	3.65	101	-	
THE NOE	9-9	36	-	-	-	-																										



DISTRICT COUNTY AND PLACE	MAX. MIN. 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		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	WIND DIRECTION	WIND VELOCITY	WIND FORCE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
							MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE															
NORTHERN IRELAND																															
LONDONDERRY																															
ADAMLOO ...	9.9	18	11.1	5.6	8.3	-	12.9	9.14.15	3.1	7	-	-	73	-	7	6.16	24	21	-	-	-	-	-	-	-	-	-	-	-	-	-
BANAGHER(CRUGH HILL) ...	9.9	216	9.5	4.2	6.9	-	12.5	15	1.5	28.29	-	-	95	-	9	17.19	29	22	-	-	-	-	-	-	-	-	-	-	-	-	-
COLERAINE UNIVERSITY ...	9.9	23	10.7	5.9	8.3	-	12.9	16	3.4	7	9.4	10.6	74	-	12	17	28	23	-	-	-	-	-	-	-	-	-	-	-	-	-
COOLKEERAGH ...	9.9	3	11.2	6.0	8.6	-	13.7	17	3.0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DERRYNOYD FOREST ...	9.9	88	10.9	4.5	7.7	-	14.4	8	1.2	22	-	-	93	-	12	20	27	22	-	-	-	-	-	-	-	-	-	-	-	-	-
GARVAGH FOREST ...	9.9	88	10.2	4.4	7.3	-	12.9	8	1.9	3	8.9	10.5	108	-	10	20	29	25	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHMORE FOREST ...	9.9	174	9.8	3.7	6.7	-	12.6	8	-0.5	1	-	-	110	-	11	19	30	26	-	-	-	-	-	-	-	-	-	-	-	-	-
MONEYDIG ...	21-9	34	10.9	4.8	7.9	-2.0	13.6	8.17	-0.5	1	10.0	-	99	97	10	20.27	29	23	-	-	-	-	-	-	-	-	-	-	-	-	-
SOMERSET FOREST ...	9.9	43	11.5	4.8	8.1	-	14.5	1	3.3	28	-	-	89	-	9	17	28	23	-	-	-	-	-	-	-	-	-	-	-	-	-
TRAAD POINT ...	9.9	16	11.1	4.5	7.8	-	14.0	8	-2.0	1	-	-	55	-	9	17	27	16	-	-	-	-	-	-	-	-	-	-	-	-	-
ANTRIM																															
ALDERGROVE AIRPORT ...	21-9	68	10.7	4.4	7.5	-2.6	13.1	15	-0.1	22	8.8	11.0	55	-	11	17	24	14	3	-	-	-	-	-	-	-	-	-	-	-	-
ALTNAHINCH ...	9.9	226	9.0	3.8	6.4	-	12.4	12	1.0	28	-	-	135	-	15	19	26	23	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYLUMFORD ...	9.9	24	11.1	6.5	8.8	-	13.5	8	4.0	12	-	-	50	-	11	17	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYMONEY ...	9.9	55	11.6	3.3	7.5	-	14.2	12	0.1	1	-	-	93	-	12	16	28	23	-	-	-	-	-	-	-	-	-	-	-	-	-
BALLYPATRICK FOREST ...	9.9	152	9.8	4.7	7.3	-	11.5	15	1.4	7	-	-	117	-	13	1	23	18	-	-	-	-	-	-	-	-	-	-	-	-	-
GREENMOUNT ...	9.9	32	11.5	3.2	7.3	-	16.1	8	-2.6	1	9.4	-	58	-	10	17	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-
KILROOT ...	9.9	22	11.3	6.6	8.9	-	13.8	8	3.2	30	-	-	58	-	12	17	21	14	-	-	-	-	-	-	-	-	-	-	-	-	-
LARNE ...	9.9	43	12.0	5.9	8.8	-	16.3	8	3.5	7.30	-	-	61	-	14	17	22	15	-	-	-	-	-	-	-	-	-	-	-	-	-
LISNAFILLAN ...	9.9	38	10.8	3.7	7.3	-	14.1	8	-1.5	23	-	-	86	-	11	17	25	20	-	-	-	-	-	-	-	-	-	-	-	-	-
LONTOWN ...	9.9	271	8.7	3.7	6.2	-	11.5	8	0.9	28	7.6	-	108	-	17	17	26	20	-	-	-	-	-	-	-	-	-	-	-	-	-
MALUSK(HYDE PARK) ...	9.9	134	9.9	3.8	6.9	-	13.0	8	0.0	28	-	-	62	-	15	17	23	13	-	-	-	-	-	-	-	-	-	-	-	-	-
PARKMORE FOREST ...	9.9	235	9.0	3.9	6.5	-	12.0	8	1.0	30	8.1	-	181	-	27	19	26	22	-	-	-	-	-	-	-	-	-	-	-	-	-
WOODBURN NORTH ...	9.9	217	9.5	4.3	6.9	-	12.5	8	1.4	28	-	-	73	62	14	17	24	19	-	-	-	-	-	-	-	-	-	-	-	-	-
BELFAST																															
MALONE ...	9.9	35	11.2	5.2	8.2	-	14.0	8	1.5	1	9.7	-	56	-	13	17	21	13	-	-	-	-	-	-	-	-	-	-	-	-	-
MILLTOWN ...	9.9	37	11.7	4.9	8.3	-	15.0	9	0.1	22	-	-	51	-	9	17	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWTOWNABBEY ...	9.9	32	11.2	6.7	8.9	-	14.6	8	3.2	30	9.8	-	48	-	16	17	20	10	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSEBANK ...	9.9	47	11.3	5.2	8.3	-	14.6	8	0.9	22	-	-	47	-	13	17	17	13	-	-	-	-	-	-	-	-	-	-	-	-	-
ROSETTA ...	9.9	24	10.9	5.6	8.3	-	14.6	8	1.5	22	-	-	54	-	13	17	23	11	-	-	-	-	-	-	-	-	-	-	-	-	-
STORMONT CASTLE ...	9.9	56	11.3	5.3	8.3	-	14.0	8	2.3	30	9.3	10.9	46	-	13	17	21	10	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWN																															
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	43	-	8	17	20	14	-	-	-	-	-	-	-	-	-	-	-	-	-
COBER CEMETERY ...	9.9	11	11.3	5.1	8.2	-	13.5	8.15	2.0	7.8.30	-	-	41	-	12	17	21	14	-	-	-	-	-	-	-	-	-	-	-	-	-
CRAIGHTONS GREEN ...	9.9	119	10.2	-	-	-	12.9	8	-	-	-	-	48	-	15	17	19	13	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNPATRICK ...	9.9	26	11.3	5.3	8.3	-	13.6	8	1.5	30	-	-	35	-	11	17	18	12	-	-	-	-	-	-	-	-	-	-	-	-	-
HELENS BAY ...	9.9	42	11.5	6.1	8.8	-	14.6	8	2.9	28	-	-	46	-	15	17	23	11	-	-	-	-	-	-	-	-	-	-	-	-	-
HILLSBOROUGH ...	9.9	116	10.1	4.4	7.3	-2.6	13.1	8	1.1	29	9.1	10.4	48	-	11	17	24	11	-	-	-	-	-	-	-	-	-	-	-	-	-
KILKEEL ...	21-9	18	11.2	6.1	8.7	-	14.0	8	1.8	29	-	-	43	-	15	17	15	9	-	-	-	-	-	-	-	-	-	-	-	-	-
KILLBOUGH ...	21-9	15	10.9	5.4	8.1	-	13.1	9	1.5	30	-	-	30	-	5	17	21	10	-	-	-	-	-	-	-	-	-	-	-	-	-
MURLOUGH ...	9.9	9	11.6	5.3	8.5	-	14.5	14.15	1.3	30	8.7	10.0	27	-	5	17	17	8	-	-	-	-	-	-	-	-	-	-	-	-	-
NEWRY ABBEY ...	9.9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ARMAGH																															
ARMAGH ...	9.9	62	10.7	4.3	7.5	-2.8	14.0	8	-0.3	22	10.0	11.9	44	53	11	17	25	13	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGHGALL ...	9.9	25	10.9	4.5	7.7	-	14.3	8	-0.9	22	-	-	36	-	9	17	23	11	-	-	-	-	-	-	-	-	-	-	-	-	-
LURGAN ...	9.9	55	11.4	4.8	8.1	-	14.5	8	0.1	1	9.5	11.2	37	-	9	17	23	10	-	-	-	-	-	-	-	-	-	-	-	-	-
PORTADOWN ...	9.9	16	11.0	4.8	7.9	-	13.7	8	0.4	23	9.7	11.1	37	-	8	17	23	9	-	-	-	-	-	-	-	-	-	-	-	-	-
TANDRAGEE ...	9.9	43	11.8	4.2	8.0	-	15.8	8	0.0	22	-	-	36	-	10	17	17	9	-	-	-	-	-	-	-	-	-	-	-	-	-
TYRONE																															
BARONSCOURT FOREST ...	9.9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CARRIGANS ...	21-9	113	10.8	4.4	7.6	-	14.6	8	0.2	1	-	-	82	-	9	19	29	21	-	-	-	-	-	-	-	-	-	-	-	-	-
COOKSTOWN ...	9.9	77	10.6	4.7	7.7	-	13.6	15	0.2	7	9.0	-	45	-	7	17	26	16	-	-	-	-	-	-	-	-	-	-	-	-	-
KNOCKMANY FOREST ...	9.9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LISLAP FOREST ...	9.9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH BRADAN ...	9.9	169	10.0	3.9	6.9	-	13.1	8	1.2	7	-	-	109	-	23	17	28	22	-	-	-	-	-	-	-	-	-	-	-	-	-
POMEROY FOREST ...	9.9	165	10.1	4.0	7.1	-	13.0	16	1.4	7.9	9.1	-	63	-	10	17	26	18	-	-	-	-	-	-	-	-	-	-	-	-	-
STRABANE CONVENT ...	9.9	44	11.1	5.1	8.1	-	14.0	8	1.2	1	-	-	77	-	14	19	29	24	-	-	-	-	-	-	-	-	-	-	-	-	-
FERMANAGH																															
CASTLE ARCHOALE ...	9.9	66	10.8	4.4	7.6	-2.3	14.0	8	1.0	1.3	9.2	10.4	69	-	13	6	25	19	-	-	-	-	-	-	-	-	-	-	-	-	-
FOREST ...	9.9	156	10.5	4.4	7.5	-	14.2	8	1.4	22	-	-	81	-	9	5	20	18	-	-	-	-	-	-	-	-	-	-	-	-	-
CORRIGY ...	9.9	53	10.9	4.9	7.9	-	14.6	8	0.8	1.3	-	-	74	-	10	5	24	16	-	-	-	-	-	-	-	-	-	-	-	-	-
KNOCKARAYAN ...	9.9	49	11.3	4.0	7.7	-	14.5	8	0.1	1	-	-	59	-	12	17	23	16	-	-	-	-	-	-	-	-	-	-	-	-	-
LISNASKER ...	9.9	148	10.4	3.8	7.1	-	13.7	8	0.6	1	-	-	112	-	11	17	27	19	-	-	-	-	-	-	-	-	-	-	-	-	-
LOUGH NAYR FOREST ...	9.9	91	11.1	3.4	7.3	-	15.1</																								



OCTOBER 1974

[illegible]



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 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 - 30H	40 - 100H	200 - 300H	400 - 900H	1000 - 1900H	2000 - 3000H	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 OBSERVED	34 OR MORE	22-33	11-21	1-10	0									SPEED (KT)															
																																						N	NE	E	SE	S	SW	W	NW								
																																														N	NE	E	SE	S	SW	W	NW
NUMBER OF OBSERVATIONS																																																					
6 SCOTLAND W -CONTO. DUMFRIESHIRE																																																					
ESKDALEMUIR 237	3	1015.3	-	4.5	1.0	7.3	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	9	8	10	9	0	0	0	1	1	7	3																
	9	1015.5	+ 2.0	5.8	1.2	7.8	83	6.0	0	3	7	13	7	1	0	1	0	0	1	3	4	16	6	0	2	14	8	7	12	0	0	1	1	3	3	4																	
	15	1014.7	-	7.8	1.8	8.2	77	6.5	0	1	5	16	9	0	0	0	0	1	0	2	1	6	12	9	1	2	10	15	3	10	0	0	1	1	3	4	4																
	21	1015.6	-	5.3	1.1	7.6	85	5.1	0	11	2	7	10	1	0	0	1	0	1	3	1	7	10	8	0	2	6	18	5	9	1	1	0	5	0	5	5																
2 ENGLAND E 4 NE NORTHUMBERLAND																																																					
ACKLINGTON 48	3	1013.7	-	8.5	0.7	8.7	89	5.4	2	6	3	9	11	0	0	0	0	0	1	2	3	3	10	12	0	3	9	17	2	3	2	0	0	1	1	11	11																
	9	1013.9	+ 0.5	7.5	0.9	9.2	88	5.9	0	4	6	14	7	0	0	0	0	0	2	7	3	12	7	0	2	11	16	2	7	0	0	1	2	1	8	10																	
	15	1013.4	-	9.3	1.3	9.7	83	6.5	0	2	3	21	5	0	0	0	0	0	4	5	4	10	8	0	2	15	13	1	10	0	4	0	2	1	7	6																	
	21	1013.9	-	7.3	0.7	9.1	89	5.1	1	8	7	10	7	0	0	0	0	0	4	3	3	12	9	0	2	7	19	3	8	0	0	0	0	1	11	8																	
SEAHOUSES 12	3	1012.9	-	7.7	1.5	8.4	79	5.8	1	3	7	8	12	0	0	0	1	0	1	3	5	21	0	5	2	9	13	2	9	3	1	0	1	2	10	3																	
	9	1013.4	-	8.1	1.4	8.8	81	6.3	0	3	5	13	10	0	0	0	0	2	5	6	17	1	1	6	11	12	1	6	5	0	0	4	1	9	5																		
	15	1012.8	-	9.7	1.8	9.3	77	6.3	0	3	3	18	7	0	0	0	0	2	4	6	17	2	4	6	10	8	3	15	0	2	0	3	0	6	2																		
	21	1013.4	-	8.5	1.2	9.3	84	5.5	0	5	8	10	8	0	0	0	0	1	1	5	7	17	0	2	5	11	12	1	13	2	0	0	3	1	8	3																	
TYNE & WEAR																																																					
TYNEMOUTH 40	3	1013.7	-	7.1	1.0	8.8	86	5.5	2	3	7	9	10	0	0	0	0	0	1	4	16	10	0	2	2	18	7	2	6	1	0	0	1	1	13	7																	
	9	1013.8	+ 0.1	7.6	1.2	8.9	83	6.1	0	4	4	11	12	0	0	0	0	0	2	4	23	2	0	2	8	12	9	0	8	0	0	0	2	2	13	6																	
	15	1013.2	-	9.4	1.6	9.5	79	6.8	0	0	4	16	11	0	0	0	0	1	1	5	20	4	0	2	8	13	4	4	13	0	1	1	1	7	3																		
	21	1013.7	-	8.2	1.2	9.3	83	6.0	1	1	10	9	10	0	0	0	0	1	0	3	1	23	3	0	2	5	15	7	2	8	1	0	0	1	1	14	4																
NORTH YORKSHIRE																																																					
LEEMING 33	3	1014.0	-	6.2	0.8	8.4	88	5.5	4	3	3	10	11	0	0	0	0	1	1	4	6	7	11	0	1	12	15	3	7	1	0	1	4	1	6	8																	
	9	1014.2	+ 0.4	7.2	1.1	8.6	84	5.7	0	5	6	11	9	0	0	0	0	1	2	4	7	6	11	0	1	16	11	3	8	0	0	3	1	0	6	10																	
	15	1013.5	-	9.5	1.8	9.2	77	6.9	0	0	4	17	10	0	0	0	0	0	9	5	8	9	0	0	2	14	15	0	9	3	0	2	4	1	6	6																	
	21	1014.0	-	7.2	0.9	8.9	87	5.9	2	2	6	11	10	0	0	0	0	1	2	3	5	11	7	0	2	7	20	2	5	1	1	2	2	1	8	9																	
WHITBY C.O. 66																																																					
	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
	9	1012.9	-	7.8	0.8	9.3	88	6.5	0	2	4	13	12	0	0	0	1	0	0	8	5	14	3	5	9	9	8	0	8	0	0	6	0	8	9																		
	15	1012.4	-	9.4	1.3	9.8	82	6.7	0	0	5	14	12	0	0	0	0	0	7	11	11	2	4	8	12	6	1	8	2	0	2	3	1	3	11																		
	21	1012.7	-	8.1	1.0	9.4	86	6.3	0	2	7	8	12	2	0	2	0	0	1	8	9	8	3	5	8	7	11	0	10	1	1	4	4	5	5																		
HUMBERSIDE																																																					
KILNSEA 16	3	1012.3	-	7.3	0.8	9.1	89	5.5	2	2	12	1	14	0	0	0	0	0	2	27	0	2	2	7	13	8	1	5	2	0	1	1	1	10	10																		
	9	1012.8	+ 2.3	8.0	1.0	9.3	86	5.9	0	1	12	13	5	0	0	0	0	0	5	26	0	0	2	7	10	9	3	7	2	1	0	1	2	8	7																		
	15	1012.3	-	9.6	1.4	9.8	81	6.0	0	1	10	12	8	0	0	0	0	1	6	24	0	0	2	6	16	3	4	14	0	1	1	2	0	5	4																		
	21	1012.4	-	7.9	0.8	9.5	89	5.3	3	1	10	8	9	0	0	0	0	0	3	28	0	0	2	4	13	11	1	9	0	1	1	3	2	8	6																		
LINCOLNSHIRE																																																					
SINBROOK 112	3	1012.9	-	5.5	0.6	8.3	91	5.9	2	4	1	13	11	0	0	0	0	2	2	9	8	8	2	0	3	16	11	1	9	0	1	0	1	2	8	9																	
	9	1013.4	-	6.9	0.8	8.8	89	5.4	0	3	3	18	7	0	0	0	0	1	2	12	8	7	1	0	4	16	10	1	5	1	2	0	1	2	8	11																	
	15	1012.8	-	8.5	1.6	8.7	79	6.7	0	1	5	16	9	0	0	0	0	0	1	7	13	2	0	2	18	10	1	11	0	1	0	4	3	4	7																		
	21	1012.8	-	6.4	0.6	8.8	91	6.4	1	2	4	13	11	0	0	0	0	1	4	8	8	9	1	0	1	17	12	1	5	1	1	0	3	1	8	11																	
WADDINGTON 70	3	1013.4	-	6.1	0.7	8.5	90	5.8	4	2	3	7	14	1	0	1	0	0	1	3	12	7	6	1	0	8	22	1	3	0	1	0	1	3	10	12																	
	9	1013.8	+ 1.6	7.0	0.9	8.8	87	6.1	1	2	5	14	8	1	0	0	1	0	1	3	11	6	9	1	0	0	14	16	1	3	2	1	0	1	1	10	12																
	15	1013.1	-	9.3	1.6	9.3	79	6.8	0	0	3	16	12	0	0	0	0	1	1	5	18	1	0	0	0	14	16	1	6	1	0	1	2	2	7	11																	
	21	1013.5	-	7.0	0.8	9.0	89	6.1	2	3	2	13	11	0	0	0	0	2	1	1	11	13	2	1	0	0	10	19	2	2	0	0	2	2	9	14																	
3 EAST ANGLIA NORFOLK																																																					
COLTISHALL 17	3	1011.5	-	6.7	0.7	8.8	90	5.3	0	8	5	9	9	0	0	0	0	2	0	3	9	8	9	0	0	0	12	15	4	5	3	0	0	1	1	13	4																
	9	1012.2	-	8.0	1.0	9.2	86	6.3	0	3	4	15	9	0	0	0	1	2	1	4	12	10	1	0	1	16	13	1	8	0	1	0	3	3	7	8																	
	15	1011.9	-	9.7	1.8	9.2	76	6.2	0	3	5	13	10	0	0	0	0	0	0	5	7	16	3	0	0	18	11	2	11	0	0	1	3	6	7																		
	21	1011.7	-	7.3	0.7	9.2	90	5.8	2	3	5	13	8	0	0	0	0	2	0	2	10	9	8	0	0	1	14	11	5	5	1	0	0	3	10	7																	
GORLESTON 8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
	9	1012.0	- 3.9	8.2	0.9	9.5	87	6.6	0	2	3	14	12	0	0	1	0	0	0	12	17	0	1	0	4	14	11	2	5	2	0	0	2	1	12	7																	
	15	1011.8	-	9.7	1.6	9.7	80	6.7	0	1	7	7	16	0	0	0	0	0	0	6	25	0	0	0																													



OCTOBER 1974

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 (hPa)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (hPa)	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					SPEED (KT)	N	NE	E	SE	S	SW	W	NW		
								0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	34 OR MORE	22-33	11-21	1-10										0	
NUMBER OF OBSERVATIONS																																						
3 EAST ANGLIA -CONTO. ESSEX																																						
SHOEBURYNNESS	5	9	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	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	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	5	12	10	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	3	1013.0	-	5.9	0.6	8.5	91	6.2	0	3	6	7	15	0	0	0	0	1	3	3	10	10	4	0	0	0	11	17	3	7	1	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	1	3	4	8	6	7	2	0	0	14	13	4	8	0	1	0	3	5	10		
	15	1013.2	-	9.0	2.0	9.5	74	6.4	0	0	6	17	8	0	0	0	0	0	1	8	8	13	1	0	0	18	13	0	8	0	1	1	1	1	7	11		
WALTON-ON-THE-NAZE	8	3	1013.3	-	6.6	0.7	8.7	89	6.3	1	3	3	11	13	0	0	0	0	1	1	13	10	5	1	0	0	10	17	4	3	0	1	1	2	9	10		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
4 MIDLAND COUNTIES WEST YORKSHIRE																																						
HUDDERSFIELD DAKES	235	3	1014.5	-	4.6	0.7	7.5	88	6.4	1	1	6	5	18	0	0	1	0	0	1	5	9	14	0	1	4	13	13	0	7	2	0	0	1	11	10		
	9	1014.9	-	8.5	1.1	8.1	83	5.2	4	2	7	7	11	0	0	1	0	0	0	2	12	13	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	1	0	0	0	2	3	12	13	0	1	3	15	11	1	11	1	2	1	0	3	7	5	
WILSON	267	3	1014.9	-	5.1	0.9	7.0	85	5.9	1	7	2	4	17	0	0	0	0	0	1	14	16	0	0	0	1	7	20	3	3	2	1	0	2	0	14	6	
	9	1015.0	-	5.6	1.0	7.7	84	5.2	1	8	4	7	5	2	0	0	0	0	2	0	3	5	17	7	0	0	1	16	3	6	0	0	0	2	0	7	8	
	15	1014.4	-	7.5	1.5	8.3	79	7.0	0	3	6	6	13	1	0	0	0	0	1	0	10	13	7	0	0	1	14	12	4	7	3	0	0	0	2	10	5	
SOUTH YORKSHIRE FINNINGLEY	15	3	1013.5	-	6.3	0.8	8.4	88	5.2	4	3	5	7	11	0	0	0	3	2	1	7	7	7	4	0	1	12	16	2	2	0	0	1	2	1	12	11	
	9	1013.9	- 1.3	7.5	1.2	8.7	83	5.7	1	3	5	15	8	0	0	0	0	3	4	5	10	8	1	0	2	15	12	2	3	1	0	0	3	1	7	14		
	15	1013.2	-	9.8	2.0	9.0	74	6.6	0	1	4	17	3	0	0	0	0	1	1	2	13	8	6	0	3	16	11	1	7	0	0	1	4	0	6	12		
NOTTINGHAMSHIRE WATNALL	119	3	1014.2	-	6.1	0.8	8.4	89	5.7	3	4	2	9	13	0	0	0	1	1	7	7	10	5	0	0	7	23	1	8	0	1	0	0	2	11	8		
	9	1014.6	- 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	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	1	2	6	12	10	0	0	0	13	16	2	13	0	0	0	0	2	6	8		
SALOP SHARFBURY	76	3	1015.6	-	6.2	0.7	8.6	90	5.6	2	3	7	8	11	0	0	1	0	0	1	3	9	14	2	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	1	0	0	2	1	4	9	14	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	1	2	8	19	1	0	2	12	17	0	13	1	1	0	2	2	10	8		
WEST MIDLANDS EDOBASTON	165	9	1015.7	- 0.3	6.7	0.9	8.6	86	6.1	0	3	7	8	13	0	0	0	0	2	2	17	8	2	0	0	0	12	18	1	11	1	0	0	1	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	3	7	16	5	0	0	2	9	17	3	15	0	0	0	0	3	3	7		
	21	1015.3	-	7.4	0.9	9.0	86	6.2	1	2	3	17	8	0	0	0	0	1	1	16	10	3	0	0	1	8	20	2	12	2	0	0	0	2	6	7		
ELMDON	100	3	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	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	1	17	11	2	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	5	17	9	0	0	0	0	0	1	0	6	18	6	0	0	2	14	14	1	8	1	0	1	0	2	4	14	
HEREFORD & WORCESTER PERSHORE	36	3	1015.2	-	6.2	0.7	8.5	89	5.8	1	7	0	10	12	1	0	1	0	0	1	4	7	9	6	3	0	0	9	16	7	5	0	0	0	2	3	7	7
	9	1015.7	-	7.3	1.1	8.7	84	5.9	1	5	3	12	10	0	0	1	0	0	0	2	7	10	8	3	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	1	4	10	13	3	0	3	12	16	0	5	0	0	0	2	4	16	8		
ROSS-ON-WYE	21	1015.2	-	7.6	1.0	9.0	85	6.4	0	5	1	12	13	0	0	0	0	1	0	9	10	1	0	0	8	19	4	4	0	0	2	3	8	8				
	REPORTS TERMINATED																																					
	GLOUCESTERSHIRE GLOUCESTER	24	3	1015.5	-	6.8	0.8	8.8	89	5.6	3	3	4	13	8	0	0	0	0	1	5	5	9	10	1	0	0	5	16	10	3	0	0	1	1	8	5	3
9		1016.2	- 0.1	7.8	1.1	8.9	84	6.0	0	3	5	16	6	1	0	1	0	0	0	2	7	8	7	6	0	1	12	12	1	5	1	0	0	1	6	4		
15		1015.2	-	10.8	2.2	9.4	72	6.6	0	0	5	19	7	0	0	0	0	0	1	2	14	11	3	0	1	15	14	1	8	0	1	0	0	5	7	9		
LITTLE RISSINGTON	229	3	1015.1	-	5.8	0.8	8.1	87	5.8	2	3	4	12	9	1	0	1	0	0	1	8	8	8	4	0	0	12	19	0	5	1	1	0	0	3	8	13	
	9	1015.6	- 0.7	6.4	1.1	8.1	84	5.8	0	7	2	13	9	0	0	0	0	0	0	14	7	5	5	0	1	13	17	0	6	1	1	0	1	2	10	9		
	15	1014.7	-	9.0	2.2	8.2	71	6.3	0	2	8	16	7	0	0	0	0	1	0	5	12	8	5	0	0	13	17	1	9	0	0	0	0	5	1	15		
OXFORDSHIRE ABINGDON	73	3	1015.3	-	6.6	1.0	8.4	85	5.6	2	3	6	10	9	1	0	1	0	0	1	7	8	9	4	0	0	12	16	3	6	0	0	1	1	7	13		
	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
BRIZE NORTON	92	3	1015.0	-	5.9	0.8	8.2	88	5.3	2	4	7	8	10	0	0	0	0	0	2	2	10	7	8	2	0	0	9	20	2	2	0	0	0	4	12	11	
	9	1015.5	-	7.1	1.2	8.4	82	5.9	0	5	5	11	10	0	0	0	0	0	1	7	12	6	5	6	0	0	14	16	1	4	1	1	0	1	7	9		
	15	1014.6	-	9.9	2.5	8.4	69	6.0	0	1	10	11	9																									



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 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							BEAUFORT FORCE							SPEED (KT)																	
								0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-8KM	10-19KM	20-39KM	40KM AND OVER	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW			
NUMBER OF OBSERVATIONS																																							
5 ENGLAND SE & CENT. S. WILTSHIRE																																							
BOSCOMBE DOWN	128	3	1015.2	-	5.6	0.6	8.4	91	5.3	5	3	5	7	11	0	0	0	0	1	1	2	11	11	5	0	0	0	11	18	2	7	0	1	0	1	0	7	13	
		9	1015.9	- 1.1	6.7	1.0	8.5	88	5.4	2	7	0	15	7	0	0	0	1	0	0	0	2	6	12	8	2	0	0	14	15	2	8	0	1	0	1	2	8	9
		15	1014.9	-	9.9	2.2	8.9	72	5.9	0	0	10	14	7	0	0	0	0	0	0	0	0	0	0	0	0	0	17	11	2	2	9	0	0	0	3	5	12	
LYNEHAM	149	3	1015.7	-	5.8	0.7	8.4	90	5.6	2	5	4	11	8	1	0	0	2	1	0	3	7	8	7	3	0	0	9	20	2	4	3	0	0	0	0	5	13	4
		9	1016.2	- 0.4	6.5	0.9	8.4	86	5.3	0	8	3	14	6	0	0	0	0	0	0	3	10	6	7	5	0	0	12	19	0	7	0	2	0	1	4	9	8	
		15	1015.2	-	9.4	2.0	8.8	74	6.1	0	0	12	12	7	0	0	0	0	0	0	1	3	8	13	6	0	1	14	16	0	6	0	1	0	0	4	8	12	
UPAVON	183	3	1015.8	-	6.9	0.9	8.6	86	5.8	1	4	5	10	10	1	0	1	0	0	0	0	10	8	9	3	0	0	7	19	5	6	0	0	0	0	3	10	7	
		9	1016.1	-	6.3	0.7	8.6	90	5.4	2	6	3	11	9	0	0	1	0	0	1	0	9	9	10	1	0	0	13	14	4	5	1	0	0	0	2	3	16	
		15	1015.0	-	9.4	1.8	9.1	76	6.0	0	2	10	10	9	0	0	0	0	0	0	1	0	14	15	1	0	1	16	12	2	12	1	0	0	1	2	1	12	
KENT		3	1015.6	-	6.3	0.6	8.7	91	5.1	6	2	4	10	8	1	0	0	1	0	1	0	6	11	12	0	0	0	10	15	6	6	0	0	0	0	0	6	13	
		9	1012.9	-	-	-	-	-	4.4	5	6	6	4	10	0	0	0	0	0	1	0	0	1	5	24	0	0	1	15	13	2	2	0	1	1	0	0	10	15
		15	1013.7	-	8.1	1.1	9.2	85	6.4	0	4	3	14	10	0	0	0	0	0	0	1	0	4	12	14	0	0	3	21	7	0	6	0	2	0	1	1	9	12
DUNOENESS	7	3	1013.2	-	-	-	-	-	6.8	0	0	6	14	11	0	0	0	0	0	0	0	0	10	19	2	1	4	18	7	1	9	1	1	2	0	1	1	9	7
		9	1013.4	-	-	-	-	-	4.3	5	7	5	5	9	0	0	0	0	0	0	0	0	2	9	18	2	1	0	13	15	2	3	1	1	0	1	12	10	
		21	1013.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HANSTON	45	3	1012.5	-	7.1	0.8	9.0	89	5.7	1	5	4	9	12	0	0	0	0	0	0	0	8	11	11	1	0	2	16	13	0	2	0	2	0	0	4	7	16	
		9	1013.5	-	8.1	1.0	9.3	85	6.0	0	4	5	14	8	0	0	0	0	0	1	1	7	10	10	2	0	3	18	9	1	5	1	0	2	1	3	4	14	
		15	1013.0	-	9.5	1.7	9.3	78	6.3	0	3	5	11	12	0	0	0	0	0	0	0	3	11	11	6	0	3	19	9	0	6	0	1	0	3	2	5	14	
WEST SUSSEX		3	1013.1	-	7.7	1.1	9.0	85	5.8	2	3	5	11	10	0	0	0	0	0	0	0	4	10	16	1	0	0	16	12	3	6	0	1	1	0	3	7	10	
		9	1014.1	-	5.5	0.5	8.4	92	6.0	3	3	1	10	14	0	0	1	0	0	4	2	13	7	4	0	0	0	7	21	3	6	0	0	0	1	3	9	9	
		15	1014.8	- 2.1	6.9	0.8	8.8	88	6.0	1	5	3	10	12	0	0	0	0	0	1	2	3	13	6	4	2	0	0	9	21	1	6	2	1	0	0	3	7	11
ORTWICK	60	3	1014.1	-	7.8	1.9	8.9	75	6.6	0	1	5	16	9	0	0	0	0	0	0	1	0	11	7	10	2	0	0	12	19	0	11	0	0	0	0	2	7	11
		9	1014.4	-	6.4	0.7	8.7	90	5.4	4	5	2	8	12	0	0	0	0	2	1	1	13	10	4	0	0	0	6	20	5	3	1	0	0	0	3	6	13	
		21	1014.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
THORNEY ISLAND	5	3	1014.6	-	6.7	0.9	8.8	87	4.7	6	3	6	7	9	0	0	0	0	1	1	0	8	12	7	2	0	0	8	21	2	5	1	0	0	0	0	15	6	
		9	1015.5	- 1.4	7.8	1.2	8.9	83	5.4	0	6	7	10	8	0	0	0	0	0	0	4	3	9	9	6	0	0	14	16	1	7	1	0	0	0	1	13	8	
		15	1014.7	-	10.7	2.7	8.6	67	5.7	0	3	10	12	6	0	0	0	0	0	0	0	4	5	16	6	0	1	13	17	0	5	1	0	0	1	3	9	8	
EAST SUSSEX		3	1015.0	-	7.8	1.1	9.0	84	5.5	3	3	5	11	9	0	0	0	0	0	1	2	4	13	10	1	0	0	6	24	1	5	1	0	0	0	1	15	8	
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
7A ENGLAND NW & I.O.M. CUMBRIA		3	1015.3	-	6.3	0.9	8.3	86	5.6	2	4	4	12	9	0	0	0	1	0	1	4	11	8	8	0	0	0	3	20	8	3	1	0	0	6	1	4	8	
		9	1015.4	+ 0.3	7.3	1.2	8.5	82	5.6	1	6	2	14	7	1	0	0	1	0	2	5	11	10	1	1	0	0	7	18	6	7	0	0	0	3	1	4	10	
		15	1014.6	-	9.5	2.1	8.6	72	6.1	0	0	4	17	10	0	0	0	0	0	0	3	9	14	5	1	0	1	14	14	2	9	0	0	0	2	2	7	11	
ISLE OF MAN		3	1015.1	-	7.5	1.2	8.6	83	6.1	0	5	3	11	12	0	0	0	0	2	4	12	8	5	0	0	1	6	19	5	4	1	1	0	2	3	4	9		
		9	1015.3	-	8.9	1.5	9.1	79	5.5	0	3	8	12	8	0	0	0	0	0	0	0	1	0	9	21	0	9	15	6	1	13	1	1	0	2	1	5	7	
		15	1016.0	+ 2.5	9.3	1.5	9.4	79	5.6	0	5	7	10	9	0	0	0	0	0	0	2	4	12	13	1	6	17	4	3	14	0	0	1	1	2	3	0		
RONALDSWY	21	3	1015.4	-	10.4	1.8	9.8	77	6.0	0	1	10	14	6	0	0	0	0	0	0	3	3	16	9	1	6	15	7	2	9	0	1	1	0	0	7	11		
		9	1015.7	-	9.2	1.6	9.3	79	5.4	1	4	12	3	11	0	0	0	0	0	0	3	1	9	18	1	5	17	7	1	10	3	0	0	2	1	4	10		
		15	1015.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BA WALES S DYFED		3	1016.1	-	7.9	1.5	8.6	79	5.5	2	3	6	11	9	0	0	0	0	0	0	1	0	5	13	12	0	4	9	15	3	13	0	0	1	1	2	6	5	
		9	1016.5	+ 2.6	9.1	1.8	8.9	76	5.7	0	5	6	12	8	0	0	0	0	0	1	3	6	9	12	0	3	14	14	0	15	1	1	1	0	0	2	7	4	
		15	1015.9	-	10.2	2.4	8.8	70	5.9	0	3	6	14	8	0	0	0	0	0	0	2	9	7	13	0	2	16	12	1	9	0	1	0	0	1	8	11		
7B WALES N GWYNEDD		3	1016.2	-	8.5	1.7	8.5	76	5.4	1	3	10	8	9	0	0	0	0	0																				



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

OCTOBER 1974

STATION	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 (Hb)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (Hb)	RELATIVE HUMIDITY (%)	OKTAS						0 - 39M	40 - 190M	200 - 390M	400 - 990M	1000 - 1900M	2000 - 3900M	4 - 8KM	10 - 19KM	20 - 39KM	40KM AND OVER	BEAUFORT FORCE						M	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
									MEAN	0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
																										34 OR MORE	22-33	11-21	1-10	0									1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072</



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

OCTOBER 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	1	24	6	0	0	0	0	0	0	0	0	18	13	0	0	EDDABASTON	0	1	13	17	0	0	0	0	0	0	0	0	0	11	20	0	0
LERWICK (SCREEN)	0	1	23	7	0	0	0	0	0	0	0	0	0	18	13	0	0	KEM (PSYCHROMETER)	0	0	9	22	0	0	0	0	0	0	0	2	9	20	0	0
STORNOWAY	0	0	12	19	0	0	0	0	0	0	0	0	0	13	17	1	0	KEM (NORTH-WALL SCREEN)	0	0	8	23	0	0	0	0	0	0	0	11	19	1	0	
CRAIBSTONE	0	1	22	8	0	0	0	0	0	0	0	0	1	16	14	0	0	HASTINGS	0	0	8	23	0	0	0	0	0	0	0	10	21	0	0	
ROTHESAY	0	0	8	22	1	0	0	0	0	0	0	0	0	23	8	0	0	SOUTHAMPTON	0	0	2	27	2	0	0	0	0	0	0	12	19	0	0	
ABBOTSINCH	0	0	7	24	0	0	0	0	0	0	0	0	3	22	6	0	0	STONYHURST	0	1	11	19	0	0	0	0	0	0	1	17	13	0	0	
ESKDALEMUIR (PSYCHROMETER)	0	2	23	6	0	0	0	0	0	0	0	0	6	18	7	0	0	RHYL	0	0	5	26	0	0	0	0	0	0	0	4	27	0	0	
ESKDALEMUIR (SCREEN)	0	2	20	9	0	0	0	0	0	0	0	0	6	18	7	0	0	VALLEY	0	0	2	29	0	0	0	0	0	0	0	4	26	1	0	
DOUGLAS	0	0	8	23	0	0	0	0	0	0	0	0	0	8	23	0	0	RHOOSE	0	0	7	24	0	0	0	0	0	0	0	14	17	0	0	
ACKLINGTON	0	1	13	17	0	0	0	0	0	0	0	0	0	18	13	0	0	FALMOUTH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GORLESTON	0	0	9	22	0	0	0	0	0	0	0	0	0	13	18	0	0	HILDERGROVE	0	0	7	24	0	0	0	0	0	0	1	18	12	0	0	
CAMBRIDGE BOTANIC GARDENS	0	0	9	22	0	0	0	0	0	0	0	0	2	13	16	0	0	ARMAGH	0	0	7	24	0	0	0	0	0	0	1	19	11	0	0	

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

OCTOBER 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	HOURS OF NO RECORD	HOURLY WIND				DUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
				DATES OF OCCURRENCE					NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	MEAN HOURLY WIND SPEED (KT)	YEAR FROM N		SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

OCTOBER 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																														
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				DATES OF OCCURRENCE				NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS	NUMBER OF HOURS</



Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**NOVEMBER 1974**

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

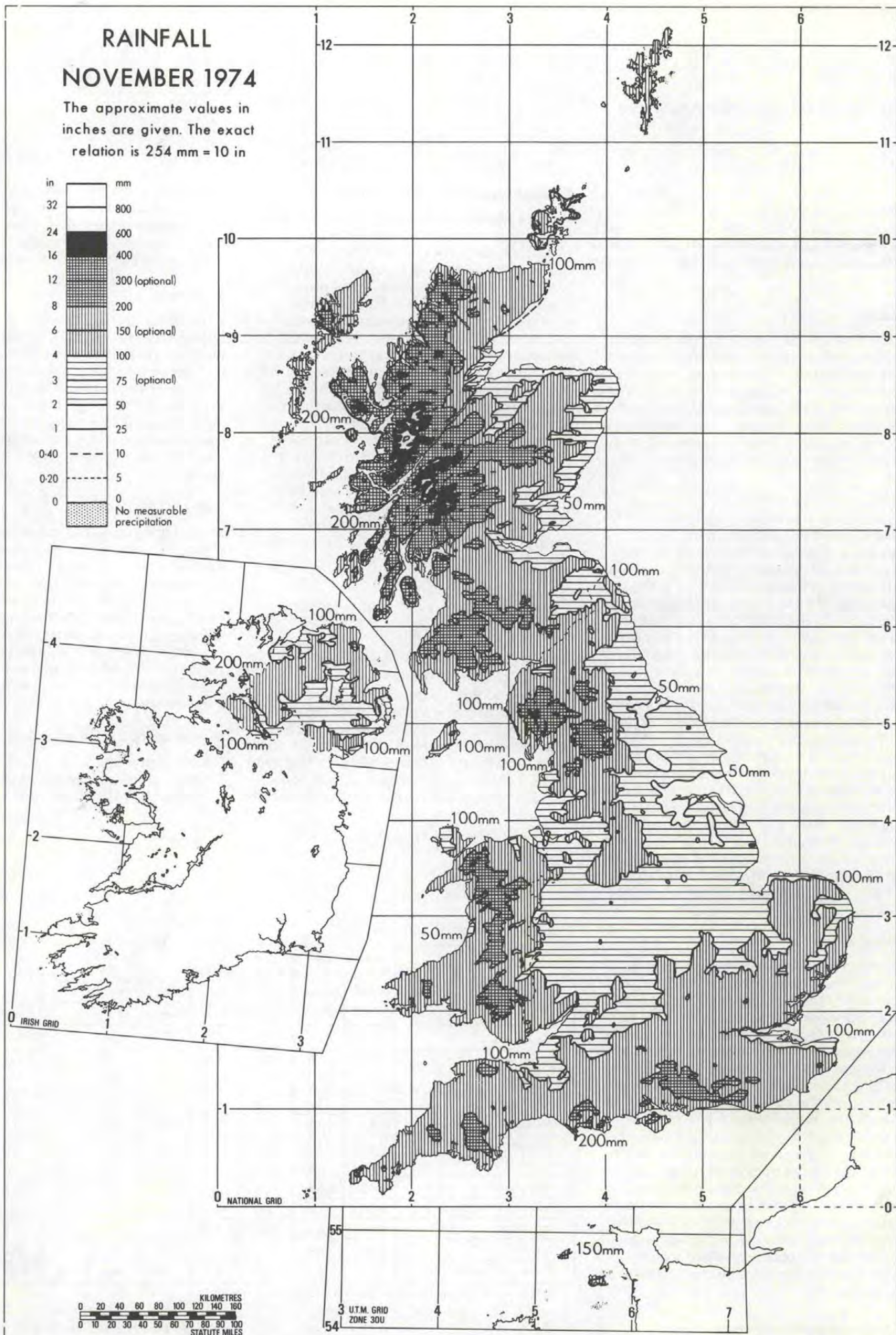
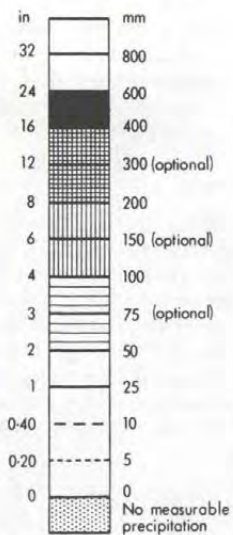
\*Highest maximum and lowest minimum of District Value Stations.

FH3A

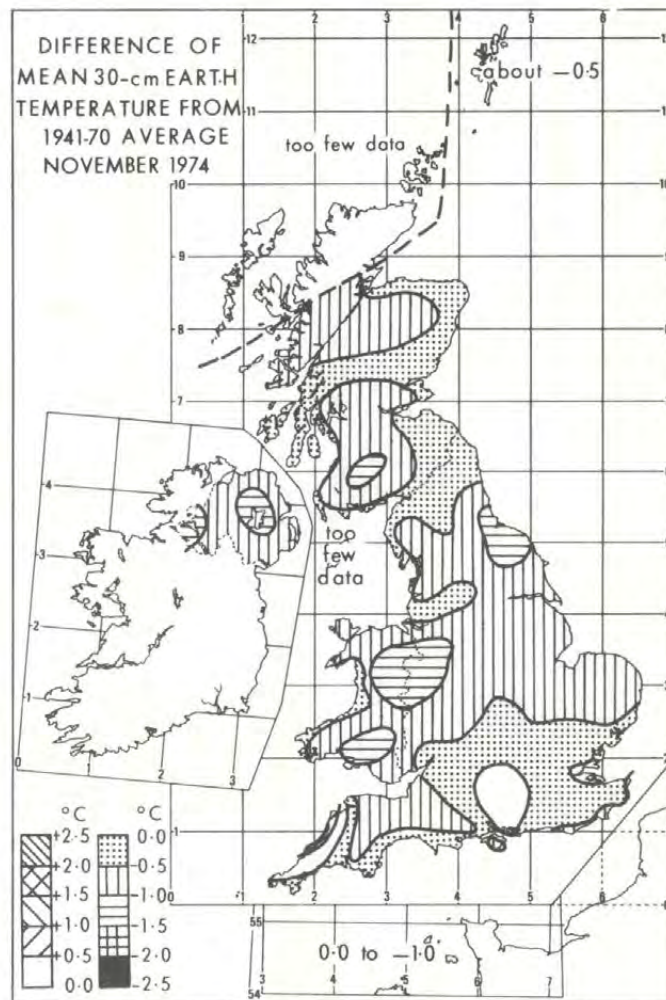
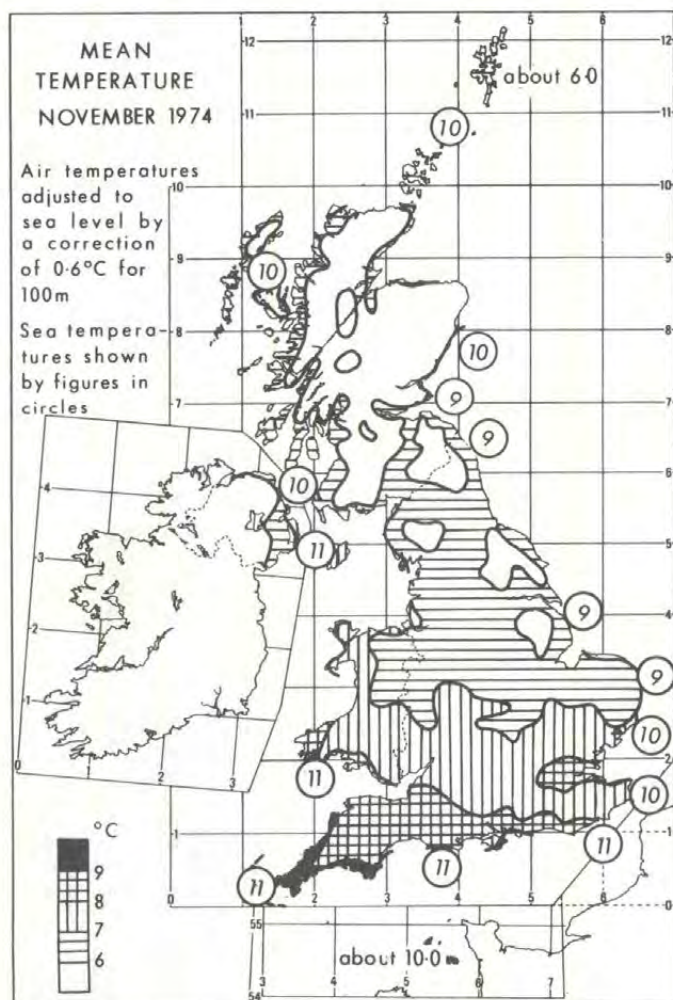
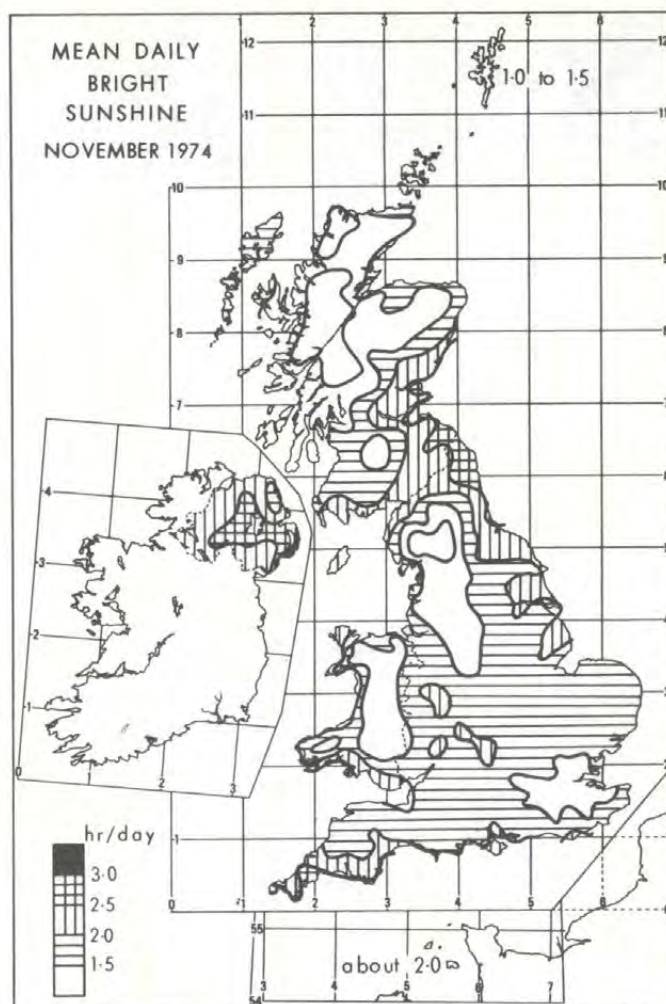
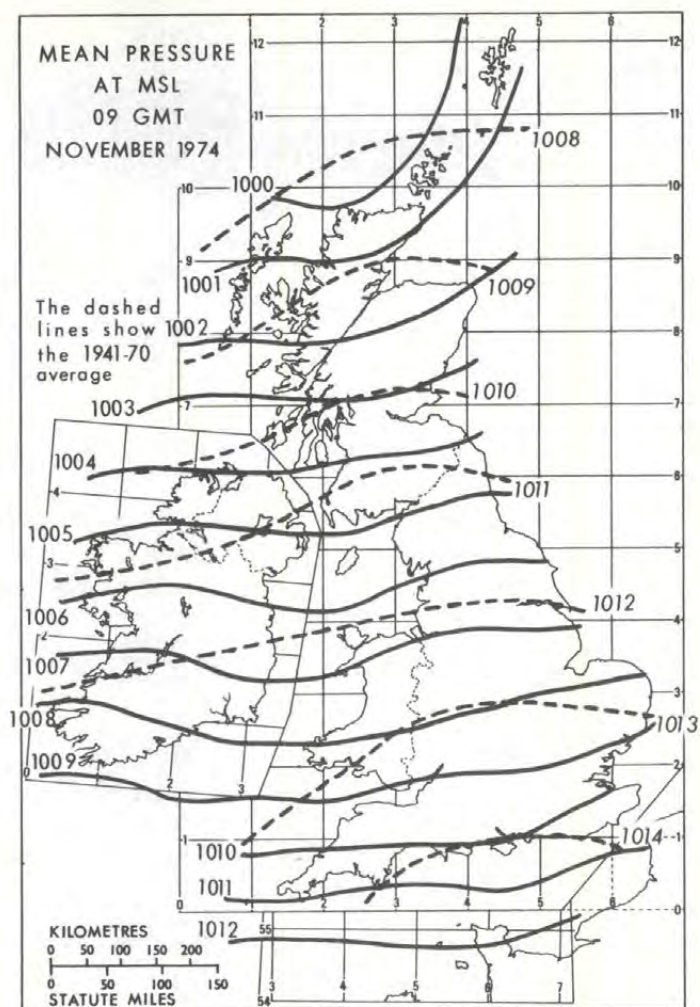


# RAINFALL NOVEMBER 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1974

[illegible]



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

205  
NOVEMBER 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	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 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					HOURS	DATE																	
1 SCOTLAND E -CONTINUED																																	
ABERDEEN																																	
ABERDEEN																																	
DYCE AIRPORT ...	21-9	58	8.1	3.0	5.5	+0.2	13.9	8	-2.8	7			73		10	27	20	16	5	0	0	0	0	0	5	14	11	1	1	1.80	93		
MANNOFIELD ...	9-9	52	8.3	2.2	5.3	0.0	13.0	8	-2.4	1			74	92	9	24	20	18	2	0	0	0	0	0	4	17	0	0	0	1.86	97	5	
BALMORAL ...	9-9	283	6.8	0.3	3.5	+0.2	12.0	8	-6.5	19			113	134	27	21	21	17	2	0	0	0	0	0	11	16	0	0	0	0	0		
BRAEMAR ...	9-9	339	6.2	0.7	3.5	+0.1	10.3	9	-8.7	19			126	142	26	21	21	17	0	0	0	0	0	0	9	10	0	0	0	0	1.11	102	5
CRAIBSTONE ...	9-9	91	7.9	2.5	5.2	-0.1	12.9	8	-0.7	7	5.7	7.1	55	63	7	26	20	16	2	0	0	0	0	0	0	3	13	0	0	0	1.93	98	
DINNET ...	9-9	177																															
FRASERBURGH ...	21-9	18	8.7	4.5	6.6		12.8	8	0.8	27			76		9	27	23	21	1	0	0	0	0	0	0	6	3	6	6	1.54			
FYVIE CASTLE ...	9-9	66	7.9	1.3	4.6		12.0	8	-4.0	1			95	101	12	27	23	20	0	0	0	0	0	0	8	20	0	0	0	0	0	5	
CARTLY ...	9-9	146	7.5	2.1	4.8		12.2	8	-1.3	3			135		19	27	22	19							4	15							
INVERURIE SEWAGE WORKS ...	9-9	54																															
KINCARDINE																																	
BANCHORY ...	8-8	77	8.1	2.0	5.1		13.7	8	-2.2	7			95		25	22	23	14	5	0	0	0	1	1	0	9	17	13	1	1	1.72		
FETTERCAIRN ...	9-9	171																															
STONEHAVEN ...	9-9	4	8.6	2.5	5.5	-0.3	12.8	8	-1.0	18.19			68		9	24	20	18	0	0	0	0	0	0	4		0	0	0	2.36	124		
ANGUS																																	
ARBROATH ...	9-9	28	8.4	3.6	6.0		11.6	8	0.0	18.19			50		7	22	17	13	0	0	0	0	0	0	4		2	2	2.59	117			
BUDDON NESS ...	9-9	5																															
DUNDEE ...	9-9	45	8.3	2.9	5.6	+0.1	12.5	8	-1.5	20	5.3		79	113	24	22	18	13	0	0	0	0	0	0	4	17	0	0	0	2.46	121		
MONTROSE ...	9-9	57	8.2	2.6	5.4		12.0	8	-1.5	18			58	83	13	22	21	16	0	0	0	0	0	0	3	19	0	0	0	0	0		
MYLNEFIELD ...	9-9	30	8.3	2.1	5.2		12.0	8.9	-3.0	20	5.3	7.7	78		25	22	18	13	0	0	0	0	0	0	2	9	18	0	0	2.87			
USAN ...	21-9	30	8.3	3.9	6.1		12.8	8	-0.2	18			49		9	22	18	15	0	0	0	0	0	0	0	6	1	9	6	4	2.38		
WHITEHILLOCKS ...	9-9	258	7.1	1.7	4.4		11.8	8	-4.0	7			188		54	22	24	15	1	1	0	0	0	0	7	8		1			5		
PERTH																																	
ABERFOYLE ...	9-9	27											217		40	10	21	19	0	0	0	0	0	0		12		1					
ARDATHNAIG ...	9-9	130	7.7	2.5	5.1		11.3	9	-3.5	20			214		44	22	25	19	1	0	0	0	0	0	7	12		0	0.97				
ASHINTULY CASTLE ...	9-9	341	6.2	0.7	3.5		10.0	8	-3.8	19			157		61	22	18	16	2	4	0	0	0	3	11	19	0	0	0	0	0		
BLAIRGOWRIE ...	9-9	70																															
CALLANDER ...	9-9	107	8.0	1.2	4.6		10.2	1	-3.2	20			239		26	10	23	22	3	0	0	0	0	0	8	14		1					
DALL ...	9-9	232	6.7	-0.2	3.3		10.5	7	-8.2	20			211		391	22	25	20	6	1	0	0	0	0	0	15	24		2				
DRUMMOND CASTLE ...	9-9	113	8.1	1.9	5.0		11.5	30	-3.0	20	6.0		169		31	10	21	19	1	0	0	0	0	0	7	18		2	1.80		5		
DUNBLANE ...	9-9	80																															
FASKALLY ...	9-9	94	8.3	1.4	4.9		12.2	9	-3.2	7	5.4	7.7	121		36	22	20	17	1	0	0	0	0	1	10	20		0					
GLENLEAGLES ...	9-9	152	7.9	0.8	4.3		11.0	8	-5.5	20			153		38	21	21	18	3	0	0	0	0	0	1	10	18		2	2.16			
KINDROGAN ...	9-9	259	6.6	0.4	3.5		10.0	9	-4.6	7			159		52	22	20	15	4	2	0	0	0	0	0	13	18		0				
PERTH ...	9-9	23	8.8	2.2	5.5	+0.3	12.1	9	-3.4	21			112	164	36	21	17	13	0	0	0	0	0	0	7	13		2	2.14	121			
PITLOCHRY ...	9-9	144	7.6	1.3	4.5		11.1	9	-3.7	20			123		39	22	22	16	1	0	0	0	0	0	9	21		0	1.67				
STRATHALLAN ...	9-9	41	8.5	2.2	5.3		12.3	9	-4.0	20			121		35	21	17	14	2	0	0	0	0	0	7	18		1					
KINROSS																																	
KINROSS ...	9-9	116	7.8	1.1	4.5		11.3	9	-3.7	18	5.5		148		37	21	23	17		0				8	19				2.01				
FIFE																																	
BELLISTON ...	9-9	82	8.1	3.4	5.7		11.7	9	0.4	18	6.6		77		14	21	21	15	0	0	0	0	0	0	0	12		1					
GLENROTHES (GLENWOOD) ...	9-9	117	7.8	2.1	4.9		11.4	9	-2.1	7			133		40	21	18	17						4	19		0		2.54				
KIRKCALDY ...	9-9	32	8.7	2.9	5.8	+0.3	12.5	9	-1.7	20			111		21	21	24	19	1	0	0	0	0	0	4	16		0	2.36	130			
LEUCHARS ...	21-9	10	8.4	2.8	5.6	-0.3	12.4	8.9	-2.0	7			71	109	19	22	19	13	2	0	0	0	0	0	5	13	10	2	2	2.65	117		
PITREAVIE ...	21-9	40	8.2	3.4	5.8		12.5	9	-2.6	20			72		13	22	21	15	0	0	0	0	1	4	11	10	2						
ST ANDREWS ...	9-9	18	8.4	3.4	5.9		12.3	9	-0.9	20	5.6	7.6	81	119	19	22	19	16	0	0	0</												



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 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	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	RAIN FROST	GRASS MIN. O'DEG C	CONCRETE MIN. O'DEG C	DRY LEAF	DRY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																	
6 SCOTLAND W																																	
ARGYLL																																	
ACHAGLACHGACH ...	9 9	12	8.7	2.8	5.7	-	11.4	2.8	-4.0	21	-	-	250	-	25	13	25	25	-	-	-	-	-	-	5	16	-	-	-	-	-	-	
AROS ...	9 9	37	8.7	2.8	5.7	-	11.9	7	-4.0	20	-	-	262	-	31	13	27	24	0	0	0	0	3	0	6	17	-	-	-	-	-	-	
BENMORE (YOUNGER)	9 9	12	8.2	2.9	5.5	-	-	-	-	-	-	-	-	-	40	10	26	24	3	0	1	4	0	1	4	13	-	-	-	-	-	-	
BOTANIC GARDEN ...	9 9	30	-	-	-	-	12.4	9	-4.3	20	-	-	335	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
COLONSAY ...	9 9	3	8.8	3.7	6.3	-	11.7	8	-3.8	20	-	-	210	-	30	10	22	22	0	0	0	1	0	0	2	15	-	-	-	-	-	-	
DUNSTAFFNAGE ...	9 9	24	8.3	2.1	5.2	-	11.8	8	-5.2	20	-	-	302	-	43	10	27	26	2	0	0	2	0	1	7	19	-	-	-	-	-	-	
GLENBRANTER ...	9 9	40	8.3	2.7	5.5	-	10.7	7	-3.5	20	-	-	220	-	32	13	26	24	0	0	0	1	0	0	4	12	-	-	-	-	-	-	
KNAPDALE FOREST ...	21-9	10	9.2	4.2	6.7	-	12.9	8	-3.1	21	-	-	160	-	19	24	23	21	0	0	0	2	2	1	0	4	12	-	-	-	-	-	
MACHRIHANISH ...	9 9	10	8.6	2.4	5.5	-	12.2	9	-3.5	20	-	-	346	-	45	10	25	24	0	0	0	0	0	0	7	13	-	-	-	-	-	-	
POLLOCH ...	9 9	18	9.1	3.3	6.2	-	11.3	9	-1.8	21	-	-	156	-	14	10	26	23	0	0	0	0	0	0	3	13	-	-	-	-	-	-	
PORT ELLEN ...	21-9	20	9.1	5.2	7.1	-	11.7	7.8	1.0	19	-	-	178	-	24	10	25	24	0	0	0	1	0	0	1	1	-	-	-	-	-	-	
RAHUVAL ...	21-9	9	8.6	5.0	6.8	-0.8	11.0	8	-1.1	20	-	-	137	120	17	10	25	21	0	0	0	0	0	0	2	5	-	-	-	-	-	-	
TIREE ...	21-9	9	8.6	5.0	6.8	-0.8	11.0	8	-1.1	20	-	-	137	120	17	10	25	21	0	0	0	0	0	0	2	5	-	-	-	-	-	-	
BUTE																																	
BRODICK CASTLE ...	9 9	15	9.0	3.2	6.1	-	11.9	8	-2.7	20	6.7	-	304	-	37	13	26	23	0	0	2	1	1	0	2	16	-	-	-	-	-	-	
KILDOONAN ...	21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ROTHESAY ...	9 9	43	8.7	4.2	6.5	-	12.0	6	-0.5	20	6.3	7.9	194	-	22	13	25	23	0	0	1	0	0	0	1	13	-	-	-	-	-	-	
DUNBARTON																																	
ARROCHMORE ...	9 9	37	8.8	2.8	5.8	-	12.0	9	-3.3	20	-	-	214	-	34	10	25	21	-	0	-	-	-	1	5	16	-	-	-	-	-	-	-
CUMBERNAULD ...	9 9	94	7.4	1.2	4.3	-	11.0	9	-5.7	20	-	-	134	-	15	10	22	21	0	0	0	0	0	1	8	17	-	-	-	-	-	-	-
FINNART ...	9 9	15	8.6	3.5	6.1	-	12.0	10	-1.0	18.20	-	-	267	-	32	13	26	25	0	0	0	0	0	1	4	-	-	-	-	-	-	-	
HELENSBURGH ...	9 9	89	8.0	2.6	5.3	-0.3	11.5	9	-4.0	20	-	-	187	-	21	10	26	26	0	0	2	0	0	2	3	-	-	-	-	-	-	-	-
SLOY ...	21-9	12	8.4	3.8	6.1	-	12.0	7	-2.6	20	-	-	394	-	55	10	25	23	3	-	0	3	0	0	5	-	-	-	-	-	-	-	-
STIRLING																																	
EARLS HILL ...	21-9	335	5.9	1.5	3.7	-	9.3	9	-1.3	19.20	-	-	-	-	-	-	-	-	3	-	0	1	0	3	5	15	12	5	1.95	-	-	-	-
FALKIRK (SEWAGE WORKS)	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GRANGE MOUTH																																	
B.P. REFINERY ...	9 9	2	9.2	2.6	5.9	-	12.6	9	-3.1	20	-	-	80	-	12	10	22	17	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-
MUNICIPAL CHAMBERS ...	9 9	4	8.8	2.7	5.7	-	12.0	2.9	-3.2	20	-	-	91	-	14	10	22	18	-	-	-	-	1	5	12	-	-	-	-	-	-	-	-
PARKHEAD ...	9 9	107	8.8	2.1	5.5	-	12.4	9	-3.9	20	5.3	-	93	-	14	13	19	15	-	0	-	-	2	7	-	-	-	-	-	-	-	-	-
STIRLING (BATTERFLATS)	9 9	38	8.4	1.9	5.1	-	12.6	8	-4.5	20	6.2	8.0	121	-	22	10	22	18	0	0	0	0	0	0	9	18	-	-	-	-	-	-	-
RENFREW																																	
ABBOTSINCH AIRPORT ...	21-9	5	8.2	2.9	5.5	-0.5	12.7	8.9	-4.0	18	-	-	125	-	17	13	26	23	2	0	5	0	3	7	13	11	3	1.58	102	-	-	-	-
BARRHEAD ...	9 9	30	8.4	2.2	5.3	-	12.2	8	-4.0	20	-	-	153	142	24	10	26	23	2	0	0	1	0	1	6	13	-	-	-	-	-	-	-
GREENOCK ...	9 9	61	-	-	-	-	-	-	-	-	-	-	185	127	23	10	24	22	0	0	0	0	0	0	2	4	-	-	-	-	-	-	-
PAISLEY ...	9 9	32	8.4	3.4	5.9	-0.4	12.1	9	-2.3	20	5.7	8.5	148	143	20	10	26	23	0	0	2	0	0	1	4	11	-	-	-	-	-	-	-
LANARK																																	
CAMPS RESERVOIR ...	9 9	295	6.6	0.9	3.7	-	10.5	9	-7.0	20	-	-	153	-	26	13	23	20	4	2	0	0	2	3	9	-	-	-	-	-	-	-	-
CARNWATH ...	9 9	208	6.9	0.2	3.5	-	11.0	9	-7.2	20	5.3	-	103	-	14	10	26	17	4	1	2	0	1	2	11	21	16	5	-	-	-	-	-
CORTBRIDGE ...	9 9	78	7.0	1.9	4.5	-	11.4	8	-5.5	20	-	-	103	-	13	13	25	19	2	0	0	0	0	2	6	-	-	-	-	-	-	-	-
CRAWFORD JOHN ...	9 9	274	6.5	0.1	3.3	-	10.6	9	-8.5	20	5.4	-	-	-	-	-	-	-	4	3	0	0	0	1	11	16	14	6	1.41	-	-	-	-
EAST KILBRIDE ...	9 9	178	7.5	2.0	4.7	-	11.3	8.9	-4.8	20	-	-	167	-	29	10	24	20	3	2	0	3	0	0	6	-	-	-	-	-	-	-	-
GLASGOW (SPRINGBURN)	9 9	107	7.5	1.9	4.7	-0.6	11.1	8	-5.0	20	-	-	106	112	13	13	25	22	2	0	0	2	0	4	5	20	-	-	-	-	-	-	-
LANARK ...	9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LEARHILLS ...	9 9	388	5.9	0.4	3.1	-	9.9	9	-7.3	20	-	-	212	-	43	13	25	21	9	4	2	0	1	1	9	16	-	-	-	-	-	-	-
SALSBURGH ...	9 9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																



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 24 H)	DIFFERENCE FROM 1941-70 AVERAGE	HIGHEST MAXIMUM		LOWEST MINIMUM		30 CN DEGREES C	100 CN DEGREES C	TOTAL FALL (MM)	PERCENTAGE OF 1941-70 AVERAGE	MOST IN A DAY		PRECIP- ITATION 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	RAIN FROST	CROSS WIND 8-10 Mph	WIND 8-10 Mph	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE			
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT IN 24 H	DATE																	
2 ENGLAND E & NE -CONTINUED																																	
DURHAM	9 9	102	8.5	2.9	5.7	-0.1	12.9	9	-2.6	18	5.7	8.2	55	78	12	21	19	15	-	0	-	-	-	6	4	19	-	-	-	2.23	111	5	
DURHAM ...	9 9	31	8.7	2.3	5.5	-	12.6	8	-2.9	18.20	-	-	43	-	9	21	18	12	0	0	0	0	1	3	8	15	-	-	-	2.06	-	-	
CLEVELAND	9 9	9	8.1	4.4	6.7	-0.2	13.2	9	0.6	20	-	-	54	-	12	21	18	12	-	0	-	-	0	0	-	-	-	-	2.33	-	-		
HARTBURN GRANGE	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HARTLEPOOL	9 9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
MARTON	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NORTH YORKSHIRE																																	
ASHKHAM BRYAN	9 9	34	(8.4)	(2.2)	(5.3)	-	12.0	9	-4.1	20	-	-	(58)	(90)	14	21	21	14	0	0	0	0	0	2	7	15	-	-	0	(1.97)	(115)	-	
CANWOOD	9 9	6	8.6	2.5	5.5	-	13.8	9	-4.5	20	6.3	7.9	50	-	11	21	19	13	0	0	0	0	1	0	6	15	-	-	1	1.70	-	-	
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
HIGH MOWTHORPE	9 9	175	7.2	2.6	4.9	-	11.7	9	-2.0	20	5.1	-	62	-	16	21	19	11	0	0	0	0	0	5	3	17	-	-	0	1.82	-	-	
LEEMING	21-9	32	8.5	3.3	5.9	-	13.1	8	-4.0	20	-	-	62	-	15	13	20	14	1	0	0	0	0	4	6	9	9	-	-	0	1.98	-	-
MALHAM TARN	9 9	395	(6.3)	(1.6)	(3.9)	(-0.2)	9.5	9	-4.8	20	5.5	-	222	-	40	24	24	20	3	2	1	0	0	1	4	-	-	-	-	-	-	-	
PICKERING	9 9	44	8.1	1.7	4.9	-	11.8	8.9	-4.1	20	-	-	52	-	9	21	18	14	0	0	0	0	0	3	8	17	-	-	0	-	-	-	
SCARBOROUGH	9 9	53	8.5	3.4	5.9	-	12.2	9	-1.3	20	5.7	8.0	59	83	14	21	17	11	0	0	0	0	0	1	1	16	9	5	2.01	117	-	-	
SILPHO MOOR	9 9	203	7.5	2.4	4.9	-	10.8	9	-1.0	20	5.2	-	101	-	22	21	21	14	0	0	0	0	0	3	2	19	-	-	0	-	-	-	
WHITBY(COASTGUARD)	21-9	60	8.3	3.5	5.9	-	12.8	8	-0.2	16	-	-	67	-	14	21	18	14	0	0	0	0	0	0	1	4	7	-	-	-	-	-	
YORK(HESLINGTON)	9 9	20	8.6	1.9	5.3	-	13.7	9	-2.7	16	6.6	8.0	55	-	13	21	18	11	0	0	0	0	0	2	6	13	-	-	0	1.97	-	-	
HUMBERSIDE																																	
BRIDLINGTON	9 9	48	8.7	2.7	5.7	-	12.7	9	-1.5	20	-	-	59	-	13	20	18	14	0	0	0	0	0	3	3	16	-	-	1	1.95	-	-	
BRIGG	9 9	3	9.0	2.7	5.9	-	12.9	9	-2.4	20	-	-	53	-	7	13	21	12	1	0	0	0	0	3	5	14	-	-	0	-	-	-	
CLEETHORPES	9 9	7	8.8	3.9	6.3	-0.4	13.0	9	-1.0	20	-	-	46	71	7	17	17	12	-	0	-	-	0	1	-	-	-	-	0	1.89	102	-	
HULL	9 9	2	9.2	3.5	6.3	-0.4	13.2	9	-2.1	20	6.7	9.5	52	76	8	24	20	14	0	0	0	0	0	0	2	14	-	-	0	1.91	115	-	
KILNSEA	21-9	12	8.4	4.3	6.3	-	12.0	9	-0.7	20	-	-	50	-	7	21	19	13	1	0	0	0	0	0	1	-	-	6	2.14	-	-	-	
LINCOLNSHIRE																																	
BINBROOK	21-9	108	7.8	2.9	5.3	-	12.3	9	-2.4	20	-	-	52	-	7	13	21	14	2	0	0	0	0	2	3	12	12	2	1.87	-	-	-	
CANNELL	9 9	62	8.9	2.6	5.7	-0.4	13.5	9	-3.6	20	5.9	7.4	56	92	12	20	20	11	1	0	0	1	0	2	4	10	8	2	1.96	98	-	-	
LINCOLN	9 9	7	9.1	2.6	5.9	-0.2	13.6	9	-3.6	20	7.0	8.2	61	-	10	20	20	13	0	0	0	0	0	0	6	15	-	-	0	1.62	-	-	
SKEGNESS	9 9	5	9.3	4.1	6.7	0.0	13.9	8	-1.0	20	-	-	75	123	13	17	16	14	0	0	0	0	0	0	1	7	-	-	0	1.77	87	-	
WADDINGTON	21-9	68	8.5	3.6	6.1	-0.1	13.4	9	-3.4	20	-	-	63	-	11	29	21	11	1	0	0	0	0	5	1	9	5	0	1.74	89	-	-	
3 EAST ANGLIA																																	
NORFOLK																																	
COLTISHALL	21-9	17	9.4	3.6	6.5	-	14.1	9	-2.6	2	-	-	112	-	17	18	23	15	0	0	1	0	1	1	5	10	6	0	-	-	-	-	
COSTESSEY	9 9	20	9.4	3.2	6.3	-	13.7	9	-1.8	2	-	-	115	-	18	17	23	15	0	0	1	0	2	0	4	17	-	3	-	-	-	-	
CROMER	9 9	54	9.2	4.1	6.7	-0.3	13.6	9	-0.3	27	-	-	99	148	21	18	26	15	0	0	0	1	2	3	1	-	-	1	1.85	90	-	-	
EAST DEREHAM	9 9	53	9.3	2.8	6.1	-	13.7	9	-2.6	20	-	-	118	-	23	18	23	17	0	0	0	0	1	7	4	10	-	0	-	-	-	-	
GORLESTON	21-9	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	1	1	1	-	2	0	1.74	86	-	-	
MARHAM	21-9	23	9.2	3.6	6.4	-	13.8	9	-2.7	27	-	-	105	-	21	18	21	13	0	0	0	0	0	0	4	8	7	0	1.74	-	-	-	
MORLEY ST BOTOLPH	9 9	48	8.9	3.3	6.1	-	13.4	9	-1.2	2	6.6	-	102	-	15	18	21	15	0	0	0	0	1	0	3	12	-	0	1.72	-	-	-	
SANTON DOWNHAM	9 9	24	9.5	2.2	5.9	-	14.1	9	-5.0	27	6.8	8.3	113	-	22	18	22	15	-	0	-	-	4	9	17	-	-	0	1.65	-	-		
SCOLE	9 9	27	9.4	3.4	6.4	-	13.7	9	-1.7	2	6.2	7.7	111	-	22	21	21	15	1	0	2	1	0	5	10	-	0	1.50	-	-	-		
TERRINGTON ST CLEMENT	9 9	3	9.1	3.3	6.2	-0.1	13.6	9	-1.0	20	7.0	-	83	-	16	18	18	14	0	0	0	0	0	0	2	9	-	0	1.58	75	-	-	
CAMBRIDGESHIRE																																	
BOXWORTH	9 9	44	9.5	4.1	6.8	-	14.2	9	-1.0	20	-	-	99	-	26	17	22	16	0	0	0	0	1	3	1	9	-	0	1.74	-	-	-	
CAMBRIDGE																																	
BOTANIC GARDENS	9 9	12	-	4.1	-	-	-	-	-2.5	20	7.1	8.8	107	209	27	18	22	17	0	0	0	0	1	0	2	10	-	0	-	-	-	-	
NATIONAL INSTITUTE OF AGRICULTURAL BOTANY	9 9	26	-	4.1	-	-	-	-	-1.0	20	-	-	126	-	25	17	20	14	0	0	0	0	0	1	1	5	-	0	1.94	97	-	-	
MARCH	9 9	2	9.7	3.5	6.6	-	14.2	9	-1.2	20	-	-	92	155	19	20	20	15	-	0	-	0	0	1	1	-	-	0	-	-	-	-	
MEPAL	9 9	1	9.6	(3.1)	(6.3)	-	14.3	9	-1.5	27	7.7	10.3	89	-	19	18	20	15	0	0	0	0	0	0	5	11	-	0	1.74	-	-	-	
MONKS WOOD	9 9	40	9.6	3.5	6.5	-	13.9	9	-1.1	20	7.0	9.2	90	-	18	13	20	14	0	0	0	0	0	0	3	12	-	1	1.87	-	-	-	
WITTERING	9 9	73	8.8	3.7	6.3	-	13.7	9	-1.7	20	-	-	70	-	18	26	20	16	2	0	0	0	0	2	2	9	5	1	1.73	-	-	-	
WYTON	21-9	40	9.4	4.4	6.9	-	14.8	9	-1.0	20	-	-	93	-	16	20	18	13	0	0	0	0	0	1	5	3	0	-	-	-	-	-	
SUFFOLK																																	
ALDEBURGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BROOKS BARN	9 9	75	9.3	3.9	6.6	-	13.6	9	-0.5	20	6.2	8.0	98	-	20	17	23	15	0	0	0	0	2	1	1	6	-	0	1.50	-	-	-	
EAST BERGHOLT	9 9	4	-	3.6	-	-	-	-	-1.9	27	-	-	120	-	41	21	25	19	0	0	0	0	0	0	3	11	-	0	-	-	-	-	
HONINGTON	21-9	50	9.3	4.2	6.7	-	13.9	9	-2.3	20	-	-	98	-	17	18	20	14	0	0	2	0	1	1	4	6	6	1	1.64	-	-	-	
LOWESTOFT	9 9	25	9.3	3.9	6.6	-0.5	13.4	9	-0.9	20	7.1	8.5	97	143	20	21	20	16	0	0	2	0	1	0	3	4	4	2	1.51	75	5	-	
WATTISHAM	21-9	89	9.0	4.0	6.5	-	13.5	9	-1.7	27	-	-	103	-	28	21	23	18	0	0	0	0	0	1	2	7	0	-	1.46	-	-	-	
BEDFORDSHIRE																																	
CARDINGTON	21-9	29	9.6	4.3	6.9	-	14.5	9	-1.8	20	7.4	8.9	93	-	21	17	20	12	0	0	0	1	0	1	3	8	4	0	1.80	-	-	-	
LUTON	9 9	159	9.1	4.1	6.6	-	13.9	9	0.3	20	7.4	9.2	144	-	29	17	25	18	-	0	-	-	-	4	0	-	-	-	-	1.52	-	-	
SILSOE	9 9	61	9.6	4																													



DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT MIN. OF OBSERVATION	HEIGHT OF STATION ABOVE MSL (FEET)	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	MOST IN A DAY		PRECIP- ITATION 0-2 MM OR MORE	PRECIP- ITATION 1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	CROSS WIND BELOW 10 DEG C	CROSS WIND 10-20 DEG C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
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	2	11	10	9	1.55	110	-
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	4	3	12	10	0			
HUDDESFIELD																																
OAKES	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	-	
RAVENSKNOLLE	9 9	99	8.5	3.6	6.1	0.0	13.0	9	-1.9	20	6.0	8.1	110	126	24	24	21	15	0	0	0	0	5	2	10	4	10	4	1.60	120	-	
ILKLEY	9 9	83	-	3.1	-		-	-	-4.5	20			115	123	19	24	23	19	1	0	0	3	0	4	1	9	9	0	1.41	85	-	
PONTEFRAC	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	1	1	0				
WILSON	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																																
FIMMINGLEY	21-9	10	9.1	3.2	6.1	-	13.5	9	-3.2	20			121	-	12	21	18	12	1	0	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	1	0	1	0	0	0	1	11	11	0	1.58	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	0	2	0	6	3	8	-	1	1.46	-		
BUXTON	9 9	314	7.5	2.5	5.0	0.0	10.9	9	-2.5	20	5.0	6.1	158	123	28	13	25	19	2	0	0	0	0	6	6	11	0	0				
DERBY	9 9	48	9.2	3.5	6.3		13.0	8	-2.3	17			69	-	21	20	19	12	1	0	0	0	0	2	3	13	1	1	1.58	-		
MACKNORTH	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	-	0	1.6P	-			
WINGERWORTH	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	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
NEWHORPE	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	6	-	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	1	4	10	6	0	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	-	0	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	1	4	2	16	-	0	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	0	4	4	13	-	0				
PENKBRIDGE	9 9	101	9.2	3.0	6.1	-	12.5	9.30	-2.2	20	7.2	8.7	66	-	23	20	24	16	1	0	0	0	0	3	5	13	-	0				
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	0	5	6	14	-	0	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	0	1	2	4	9	-	1	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	4	4	13	-	0	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	0	1	3	5	14	-	2	1.74	109	S	
OSMESTRY	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	3	0	14	-	0	1.71	91	-		
SHRUBURY	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	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	0	3	5	12	-	1	2.04	117	-	
WEST MIDLANDS																																
BIRMINGHAM																																
EDGBASTON	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	0	3	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	0	1	0	-	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	0	3	3	8	-	0	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	0	4	1	9	-	1	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	0	4	1	14	-	4	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	0	3	4	16	-	0	1.79	101	-	
WELLESBOURNE	9 9	47	9.7	3.6	6.7	-	14.0	9	-0.8	27	6.9	8.3	57	-	14	20	20	12	0	0	0	0	2	4	9	5	0	1.91	-			
NORTHAMPTONSHIRE																																
BUGROOKE MILLS	9 9	69	-	-	-	-	-	-	-	-			94	-	18	20	15	13	-	-	-	-	-	-	-	-	-	-	-	-		
RAUNDS	9 9	59	9.2	3.5	6.3	+0.2	13.7	9	-2.0	20	6.7	9.0	97	165	19	13	21	15	0	0	2	0	0	2	2	11	-	0	1.61	90	S	
HEREFORD & WORCESTER																																
HEREFORD SEWAGE WORKS	9 9	52	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
IPSLEY SEWAGE WORKS	9 9	73	-	-	-	-	-	-	-	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LYONSALL	9 9	155	9.0	3.4	6.2	+0.1	12.5	9	-1.2	17			80	-	14	13	22	18	0	0	0	0	0	0	1	14	-	0				
MALVERN	9 9	62	9.9	4.5	7.2	-	13.8	9	-0.7	17	7.1	9.4	79	-	14	13	22	15	0	0	1	1	0	5	1	9	-	3	1.67	87	S	
PERSHORE																																
COLLEGE OF HORT.	9 9	40	9.7	4.0	6.9	-	13.8	9	-1.1	17			62	-	11	20	19	12	0	0	0	0	2	1	8	-	2	2.07	-			
ROYAL RADAR EST.	21-9	35	9.8	4.0	6.9	-	13.6	9	-2.0	17			51	-	10	20	21	12	0	0	0	1	0	2	4	6	6	0	2.17	-		
PRESTON WYNE	9 9	84	9.8	2.9	6.3	-	13.6	9	-2.0	17			63	-	12	13	23	14	0	0	0	0	4	5	10	-	0	1.76	-			
ROSS-ON-WYE	21-9	68	10.2	4.0	7.1	+0.1	13.8	9	-1.1	17	7.4	9.2	83	102	16	13	21	13	0	0	0	0	0	5	2	13	3	2	2.11	112	-	
GLOUCESTERSHIRE																																
CHELTENHAM	9 9	65	( 9.9)	4.5	( 7.2)	( 0.5)	14.5	9	-2.3	17			72	-	12	13	21	10	0	0	0	0	0	2	-	-	0	1.73	95	-		
GLOUCESTER	21-9	23	10.1	5.4	7.7	-	13.8	9	-1.1	17			72	-	13	20	17	11	0	0	0	0	2	1	7	3	0	0	1.94</			



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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NOVEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. MIN.	TERMINAL HEIGHT (UP 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	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FDD AT 9H	AIR FROST	WET SURFACE DEG C	CONCRETE SURFACE DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					AMOUNT (MM)	DATE																
5 ENGLAND SE 4 CENTRAL S.																																	
GREATER LONDON																																	
BROMLEY ...	9 9	65	10.9	5.5	8.2	+1.1	14.0	9	2.0	1				121		23	13	24	15	0	0	0	0	0	0	0	0	0	0	1.22	77		
ENFIELD ...	9 9	17	10.7	6.5	8.6		14.1	9	2.7	27			8.4	10.3	138		34	21	24	15	0	0	0	0	0	0	0	0	0	1.20	74		
GREENWICH ...	9 9	7	10.9	5.7	8.3		14.2	9	0.7	27				118		29	21	21	12	0	0	0	0	0	0	0	0	0	0	1.44	63		
HAMPSTEAD ...	9 9	137	9.8	4.2	7.0	+0.5	12.5	9	1.0	20				172	250	35	21	20	15	0	0	0	0	0	0	0	0	0	0	1.42	74		
HAMPTON ...	9 9	12	10.4	5.4	7.9	+0.6	13.4	9	1.6	27				143		35	21	20	15	0	0	0	0	0	0	0	0	0	0	1.44	74		
HEATHROW AIRPORT ...	21-9	25	10.4	5.3	7.9	+0.7	14.4	9	0.4	19				143		30	21	22	15	0	0	0	0	0	0	0	0	0	0	1.42	74		
KENSINGTON PALACE ...	9 9	25	10.8	5.6	8.2	+0.7	13.9	9	1.7	20			8.4	9.9	132	207	32	21	25	14	0	0	0	0	0	0	0	0	0	1.42	74		
KEN	21-9	6																															
PSYCHROMETER ...			10.4	5.0	7.7		14.0	9	-1.8	27			8.5	9.7	138	223	30	21	23	14	0	0	0	0	0	0	0	0	0	1.48	77		
NORTH WALL SCREEN ...			10.3	5.8	8.1	+0.6	14.0	9	1.2	20,27																				1.27	78		
LONDON WEATHER CENTRE																																	
ST JAMES PARK ...	9 9	4	10.8	5.3	8.1	+0.4	14.0	9	1.2	27				133	221	34	21	22	14	0	0	0	0	0	0	0	0	0	0	1.57	93		
SOUTHGATE ...	9 9	67	10.5	5.4	7.9	+0.9	15.2	8	1.0	20			8.4	140	224	33	21	22	17	0	0	0	0	0	0	0	0	0	0	1.57	93		
WADDON ...	9 9	59	10.9	4.9	7.9	+0.8	13.5	9	0.0	27,28				134		31	13	21	15	0	0	0	0	0	0	0	0	0	0	1.52			
WEALSTONE ...																																	
WILTSHIRE																																	
BOSCOMBE DOWN ...	21-9	126	9.6	4.3	6.9	+0.2	12.8	9	1.1	19				141	172	44	13	25	18	1	0	0	0	0	0	0	0	0	0	1.78	84		
LACOCK ...	9 9	49	10.4	3.9	7.1		14.3	9	-0.7	1				90		11	17	19	15	0	0	0	0	0	0	0	0	0	0	1.78	84		
LARKHILL ...	9 9	132	10.1	4.1	7.1	+0.7	13.4	9	-0.3	1				153	186	49	13	25	20	0	0	0	0	0	0	0	0	0	0	1.78	84		
LYNEHAM ...	21-9	145	9.2	4.5	6.9	+0.4	13.5	9	1.3	5				84		12	13	19	15	1	0	0	0	0	0	0	0	0	0	1.71			
PORTON ...	9 9	110	9.9	3.3	6.6	+0.3	12.9	9	-0.8	1			7.4	145	169	43	13	24	17	0	0	0	0	0	0	0	0	0	0	1.73	80		
UPAVON ...	21-9	179	9.2	4.1	6.7		12.7	9	0.9	26				151		43	13	25	21	0	0	0	0	0	0	0	0	0	0	1.73	80		
BERKSHIRE																																	
EASTHAMPTON ...	9 9	77	10.1	4.2	7.1		13.4	9	-1.6	27			7.6	8.8	175		31	13	24	14	0	0	0	0	0	0	0	0	0	1.67			
FINCHAMPTON ...	9 9	65																															
HURLEY ...	9 9	43	10.1	4.1	7.1		13.5	9	-1.1	20			7.3	134		28	17	22	15	0	0	0	0	0	0	0	0	0	0	1.35			
READING ...	9 9	66	10.2	4.7	7.5		13.4	9	0.6	27			8.0	9.3	143		30	17	23	16	0	0	0	0	0	0	0	0	0	1.88			
SHINFIELD ...	9 9	61	10.4	4.6	7.5	+0.8	13.4	9	0.8	27				139	205	27	17	20	15	0	0	0	0	0	0	0	0	0	0	1.67			
SURREY																																	
MICKLEHAM ...	9 9	55		3.6					-1.8	27				163		36	13	18	13	0	0	0	0	0	0	0	0	0	0	1.35	75		
WISLEY ...	9 9	35	10.6	4.9	7.7	+0.9	13.7	9	0.0	27			7.8	9.3	133		30	13	21	15	0	0	0	0	0	0	0	0	0	1.35	75		
KENT																																	
DOVER ...	9 9	6	10.6	6.0	8.3	+0.2	12.6	14	1.4	1,27			8.9	9.8	157		32	21	23	19	0	0	0	0	0	0	0	0	0	1.70	75		
DUNGENESS ...	9 9	3	10.8	6.3	8.5		12.7	14	0.6	1				142		29	21	24	16	0	0	0	0	0	0	0	0	0	0	1.70	75		
EAST MALLING ...	9 9	37	10.6	4.3	7.5	+0.8	13.9	9	-1.0	27			7.3	8.8	115		22	21	22	15	0	0	0	0	0	0	0	0	0	1.42	71		
ELMSTONE ...	9 9	5	10.9	3.7	7.3		13.8	9	-2.0	20				97		20	13	21	16	0	0	0	0	0	0	0	0	0	0	1.44			
FAVERSHAM ...	9 9	48	10.4	4.7	7.5		14.8	9	0.3	27			7.6	9.2	111		25	13	26	16	0	0	0	0	0	0	0	0	0	1.44			
FOLKESTONE ...	9 9	31	10.2	4.3	7.3		12.4	14	-1.0	6,27				9.3	129	135	30	21	26	19	0	0	0	0	0	0	0	0	0	1.62	70		
GILLINGHAM ...	9 9	4	10.7	5.3	8.0		14.4	9	0.5	20				97		20	13	19	16	0	0	0	0	0	0	0	0	0	0	1.44			
GOUDHURST ...	9 9	85	9.7	4.2	6.9	+0.6	12.9	9	-1.0	1				164	166	36	21	25	19	0	0	0	0	0	0	0	0	0	0	1.33			
HADLOW COLLEGE ...	9 9	30	10.6	3.4	7.0		13.5	9	-1.8	27			8.1	9.9	112		23	13	21	16	0	0	0	0	0	0	0	0	0	1.29			
HERNE BAY ...	9 9	31	10.3	4.7	7.5		13.5	9	0.0	27			8.5	9.5		17	13,21	22	16	0	0	0	0	0	0	0	0	0	0	1.62	79		
MANSTON ...	21-9	44	10.4	4.7	7.5		13.7	9	0.0	27				83		14	21	20	15	0	0	0	0	0	0	0	0	0	0	1.61			
MARGATE ...	9 9	16	10.5				13.4	9					8.0	9.3	86		16	21	20	15	0	0	0	0	0	0	0	0	0	1.61			
THORNEY ...	9 9	150	9.2	4.0	6.6		12.2	8	-1.5	27			7.1	8.7	135		24	21	26	20	0	0	0	0	0	0	0	0	0	1.28			
ULCOMBE ...	21-9	47																															



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	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 24 H)	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	2-5 MM OR MORE	5-10 MM OR MORE	SNOW OR BLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS NOT FROZEN	CONCRETE NOT FROZEN	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	2-5 MM OR MORE	5-10 MM OR MORE	SNOW OR BLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS NOT FROZEN	CONCRETE NOT FROZEN	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
7A ENGLAND NM & I.O.M.																																																		
CUMBRIA																																																		
CARLISLE ...	21-9	26	8.7	3.8	6.3	-	12.7	6	-3.4	20	-	-	104	-	20	8	23	20	2	1	0	0	0	0	4	4	12	9	0	1.95	-	-																		
CARTMEL ...	9-9	34	8.8	3.2	6.0	-	11.2	8	-4.4	20	-	-	151	-	19	13	25	24	1	0	0	0	0	0	4	4	4	12	9	0	1.95	-	-																	
GRIZEDALE ...	9-9	91	8.4	2.3	5.3	-	11.5	8	-5.6	20	6.8	-	206	-	29	13	27	25	2	0	0	0	0	0	4	4	4	12	9	0	1.95	-	-																	
HEVERSHAM ...	9-9	30	8.9	3.5	6.2	-	12.0	8	-4.3	20	-	-	144	-	22	24	27	22	2	0	0	0	0	0	1	6	4	14	4	3	-	-	-																	
MOOR HOUSE ...	9-9	556	4.9	0.6	2.7	-	8.5	9	-5.8	20	4.1	-	272	-	69	24	27	23	11	3	1	1	1	1	0	5	7	20	7	0.82	-	-																		
NEWTON RIGG ...	9-9	171	7.8	2.6	5.2	-0.3	11.0	9.30	-5.8	20	5.9	-	155	-	32	24	23	18	1	0	0	0	0	0	3	6	3	20	0	1.40	-	-																		
SELLAFIELD ...	9-9	13	9.4	4.1	6.7	-	12.0	6	-2.5	20	-	-	104	-	10	8	21	19	0	0	0	0	0	3	3	3	0	0	1.95	-	-	-																		
LANCASHIRE																																																		
BAILLIG ...	9-9	53	8.8	4.1	6.5	-	11.8	9	-3.6	20	-	-	111	-	16	13	23	18	0	0	0	0	0	0	3	9	9	-	-	-	1.44	-	-																	
HELMESHORE ...	9-9	260	7.3	2.7	5.0	-	10.6	9	-2.3	20	6.1	-	157	-	32	24	25	21	1	0	0	0	0	0	5	2	13	1	0	1.44	-	-																		
KIRKHAM ...	9-9	24	9.1	3.5	6.3	-	12.5	9.10	-3.4	18	-	-	100	-	11	14	24	18	0	0	0	0	0	1	2	4	12	0	0	1.75	-	-																		
MORECAMBE ...	9-9	7	8.7	4.3	6.5	-0.4	12.1	9	-2.4	20	-	-	119	-	124	13	13	25	22	1	0	0	0	0	1	2	-	-	-	1.38	-	-																		
NELSON ...	9-9	165	8.1	2.2	5.1	-0.6	11.5	9	-5.0	20	5.9	8.0	142	-	29	24	25	21	0	0	0	0	0	0	3	6	11	-	-	-	1.08	-	-																	
PRESTON ...	9-9	33	9.2	3.9	6.5	-	12.3	9	-2.2	18	-	-	92	-	94	14	13	23	17	0	0	0	0	0	4	4	11	3	0	1.43	-	-																		
SLAIDBURN ...	9-9	192	7.6	2.3	4.9	-	10.9	9	-5.9	20	-	-	225	-	144	39	10	26	22	8	1	0	0	0	2	7	13	-	-	-	1.43	-	-																	
SQUIRES GATE AIRPORT	21-9	10	9.1	4.1	6.6	-0.4	12.1	9	-3.2	18	-	-	90	-	10	29	24	19	0	0	0	0	0	1	6	8	7	2	0	1.61	-	-																		
STONYHURST ...	9-9	115	8.3	2.7	5.5	-0.6	11.5	9	-8.0	21	-	-	148	-	127	31	24	23	0	0	0	0	0	1	4	10	-	-	-	1.60	-	-																		
MERSEYSIDE																																																		
ALBURN ...	9-9	12	9.7	4.6	7.1	-	13.5	8.9	0.5	20	-	-	95	-	33	20	21	14	0	0	0	0	0	1	2	0	-	-	-	-	-	-																		
SOUTHPORT ...	9-9	5	9.2	3.4	6.3	-0.4	13.0	9	-2.5	18	5.4	9.7	86	-	9	29	22	19	0	0	0	0	0	0	6	11	-	-	-	-	1.43	-	-																	
SPEKE AIRPORT ...	21-9	22	9.3	4.2	6.7	-0.6	13.0	9	-1.6	16	-	-	88	-	23	20	23	11	1	0	0	0	0	1	1	3	7	7	4	-	1.76	-	-																	
WEST KIRBY PARK ...	9-9	8	9.8	4.7	7.3	+0.2	14.0	9	-0.5	20	-	-	81	-	25	20	23	12	0	0	0	0	0	0	1	8	-	-	-	-	1.73	-	-																	
GREATER MANCHESTER																																																		
BOLTON ...	9-9	107	8.6	3.0	5.8	-	12.1	9	-2.4	17	6.4	7.8	106	-	17	29	22	20	0	0	0	0	0	0	3	6	11	-	-	-	1.13	-	-																	
MANCHESTER																																																		
RINGWAY AIRPORT	21-9	75	8.8	4.3	6.5	0.0	13.2	9	0.1	20	-	-	80	-	15	20	19	13	0	0	0	0	0	1	0	1	0	5	7	0	1.26	-	-																	
WEATHER CENTRE ...	9-9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.17	-	-																		
ROCHDALE ...	9-9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																		
CHESHIRE																																																		
KNUTSFORD ...	9-9	65	9.1	3.3	6.2	-	12.8	9	-0.7	20	6.2	7.9	106	-	19	27	16	12	0	0	0	0	0	0	1	4	11	-	-	-	-	-	-																	
MACCLESFIELD ...	9-9	152	8.5	3.3	5.9	0.0	12.2	9	0.2	20	-	-	85	-	17	27	26	15	0	0	0	0	0	2	1	9	-	-	-	-	-	-																		
NESS GARDENS ...	9-9	55	9.6	3.5	6.5	-	13.9	9	-1.1	20	6.9	-	87	-	34	20	18	14	0	0	0	0	0	1	2	1	2	11	-	-	1.79	-	-																	
WINNINGTON ...	9-9	20	9.6	3.9	6.7	-0.2	12.6	9	-1.3	16	-	-	85	-	15	20	19	15	0	0	0	0	0	1	2	2	4	-	-	-	-	-	-																	
ISLE OF MAN																																																		
DOUGLAS ...	9-9	87	9.1	4.9	7.0	-0.5	11.5	7.8.9	2.0	20.27	-	-	127	-	106	18	23	21	18	0	0	0	0	0	0	6	-	-	-	-	1.2.17	-	-																	
POINT OF AYRE ...	21-9	9	9.4	5.5	7.5	-0.8	12.8	9	0.8	27	-	-	100	-	111	15	13	25	17	0	0	0	0	0	1	0	-	-	-	-	2.05	-	-																	
RONALDSWY AIRPORT	21-9	16	9.6	5.4	7.5	-0.5	12.2	7.9	-1.1	18	-	-	84	-	14	23	20	16	0	0	0	0	0	0	2	7	4	6	-	-	2.04	-	-																	
7B WALES N																																																		
GWYNEDD																																																		
BALA ...	9-9	163	8.5	2.8	5.7	-	12.3	9	-4.6	20	6.7	7.8	199	-	38	13	26	21	2	2	1	0	0	0	4	4	12	9	0	0	1.16	-	-																	
BARDSEY ISLAND ...	21-9	16	10.0	7.2	8.6	-	12.8	1	3.3	21	-	-	111	-	31	13	21	18	0	0	0	0	0	0	0	0	0	0	0	-	-	-	-																	
BOTHMNOG ...	9-9	34	9.8	5.1	7.5	-	12.2	1.8	0.4	22	8.0	9.8	139	-	32	13	25	22	0	0	0	0	0	0	0	0	8	-	-	-	2.19	-	-																	
PEN-Y-FFRIDD ...	9-9	84	9.7	4.4	7.1	-	14.7	8	0.4	20	-	-	137	-	30	13	22	19	0	0	0	0	0	0	0</																									



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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NOVEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL ALTITUDE 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	1-0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 09H	HAIL	ICE PELLETS-ETC.	THUNDER HEARD	FOG AT 09H	AIR FROST	GRASS MIN DEW C	SUNSET SUNRISE DURATION	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																					
8A WALES CONTINUED																															
WEST GLAMORGAN																															
MUMBLES HEAD ...	21-9	36	-	6.3	-	-	-	-	3.2	19	-	-	169	120	30	20	24	21	0	0	0	0	0	0	0	0	0	0	0	0	0
NEATH ...	9-9	62	10.5	5.6	8.1	-	12.9	9	1.3	19	-	-	167	29	20	20	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0
PENMAEN ...	9-9	85	10.2	5.5	7.9	-	12.4	9	2.6	19	8.1	9.4	137	23	20	20	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0
PORT TALBOT ...	9-9	7	11.0	6.2	8.6	-	13.0	7	0.5	19	-	-	137	23	20	25	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWANSEA ...	9-9	8	10.7	5.9	8.3	+0.1	12.8	8	3.4	19	7.6	10.1	161	126	31	20	26	20	0	0	0	0	0	0	0	0	0	0	0	0	0
MID GLAMORGAN																															
LLYNON ...	9-9	242	8.4	2.9	5.7	-	12.0	9	-0.6	20	-	-	223	124	43	13	28	24	2	0	0	0	0	0	0	0	0	0	0	0	0
PORTHAWL ...	9-9	6	10.5	6.2	8.3	-	12.6	9	0.7	19	-	-	118	23	20	23	19	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	9.8	5.4	7.6	-	13.1	9	-0.5	19	-	-	101	19	20	22	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GWENT																															
CRUMBLAND ...	9-9	245	8.4	3.6	6.0	-	11.8	9	0.9	19	6.9	8.2	127	18	13	25	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWPORT ...	9-9	23	10.4	4.2	7.3	-	13.3	9	0.2	19	-	-	116	20	19	22	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREDEGAR ...	9-9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
USK ...	9-9	21	10.2	3.5	6.9	+0.2	13.2	9	0.0	20	7.6	-	125	19	13	23	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8B ENGLAND SW																															
AVON																															
BATH ...	9-9	118	9.8	4.9	7.3	-	13.9	9	2.8	20.29	8.4	-	89	13	13	21	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILTON ...	21-9	59	9.9	5.1	7.5	+0.4	13.7	9	1.0	17	-	-	85	13	19	21	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG ASHTON ...	9-9	51	10.4	4.9	7.7	+0.6	14.8	30	0.9	19	7.9	-	102	109	14	20	22	17	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET																															
CANNINGTON ...	9-9	23	10.9	5.6	8.3	+0.6	15.8	9	2.0	19	8.6	-	85	103	11	21	21	16	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEODAR ...	9-9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
DOWNSIDE ABBEY ...	9-9	183	9.6	4.2	6.9	-	13.4	9	0.2	19	-	-	130	17	10	22	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTON ...	21-9	336	8.3	4.0	6.1	-	11.7	9	0.1	19	-	-	146	14	10	26	21	3	0	0	0	0	0	0	0	0	0	0	0	0	0
HAWKRIIDGE ...	9-9	314	8.7	3.8	6.3	-	12.0	9	1.6	12.16.19	-	-	166	20	10	25	22	1	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE ...	9-9	96	10.6	4.6	7.6	-	14.1	9	1.2	17	7.9	-	117	12	21	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RODNEY STONE ...	9-9	40	10.4	4.9	7.7	-	13.3	3	0.3	19	8.4	9.9	99	17	10	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINCANTON ...	9-9	114	10.3	4.8	7.5	-	14.0	9	1.9	19	-	-	122	19	13	23	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YEovilTON ...	21-9	18	10.8	4.9	7.9	-	14.6	9	0.0	19	-	-	105	19	13	22	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSET																															
BOURNEMOUTH																															
HURN AIRPORT ...	21-9	10	10.9	5.5	8.2	-	13.5	9	0.1	19	-	-	151	25	17	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYRICK PARK ...	9-9	40	10.9	5.6	8.3	+0.6	12.7	9	2.0	19	8.2	9.6	151	161	24	17	26	20	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRISTCHURCH ...	9-9	3	11.3	5.9	8.6	-	13.4	9	1.6	6	-	-	157	27	17	25	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POOLE ...	9-9	5	11.1	4.6	7.9	+0.3	13.2	9	-0.3	19	8.8	10.1	161	37	13	21	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTLAND BILL (COASTGUARD) ...	21-9	53	10.6	7.3	8.9	-0.6	12.4	9	2.2	28	-	-	201	39	13	24	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHAFESBURY ...	9-9	207	9.5	4.3	6.9	+0.4	12.0	9	0.7	19	-	-	153	150	39	13	25	23	0	0	0	0	0	0	0	0	0	0	0	0	0
SWANAGE ...	9-9	11	11.3	6.2	8.7	+0.4	13.4	2	1.9	19	-	-	176	109	25	21	25	22	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYMOUTH ...	9-9	23	11.4	6.4	8.9	-	14.8	30	3.2	6	-	-	191	38	13	25	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WIMFRITH ...	9-9	26	11.4	4.6	8.0	-	13.5	9	-0.5	12	-	-	202	40	13	24	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON																															
CHELDON BARTON ...	21-9	164	10.1	4.5	7.3	-	12.7	9	1.3	16	8.6	-	131	18	10	25	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHIVENOR ...	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
EKETER AIRPORT ...	21-9	32	10.9	5.8	8.3	+0.5	14.2	9	0.9	19	-	-	98	15	13	21	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXMOUTH ...	9-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HARTLAND POINT ...	21-9	91	10.0	7.3	8.7	0.0	12.3	7	4.6	17	-	-	117	121	13	24	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWTON ABBOT ...	9-9	83	11.2	5.7	8.5	+0.6	14.7	1	2.8	17	-	-	183	164	26	9	27	22	0	0	0	0	0	0	0	0	0	0	0	0	0
PLYMOUTH																															
MOUNT BATTEN ...	21-9	27	11.1	7.0	9.1	+0.4	14.0	1	1.3																						



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

NOVEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. MIN. TERMINAL H(ORT) 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 (MM)	DATE	PRECIP- ITATION		SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS MIN. C 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														
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO ...	9 9	18	9.3	-	-	-	13.9	2	-	-	-	-	77	10	24	21	16	-	-	-	-	-	-	-	-	-	17	-	-	-	-	-
BANAGHER(CAUGH HILL) ...	9 9	216	7.9	1.5	4.7	-	10.6	8	-3.1	20	-	-	104	16	24	24	19	1	0	0	0	0	0	0	3	15	-	2	1	2.26	-	
COLERAINE UNIVERSITY ...	9 9	23	9.0	1.9	5.5	-	11.6	30	-4.3	20	6.5	8.8	99	15	23	27	16	4	0	0	0	2	0	2	15	18	-	-	-	2.43	125	
COOLKEERAGH ...	9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DERRYNOYD FOREST ...	9 9	88	8.8	1.5	5.1	-	11.8	4	-3.4	20	-	-	160	27	24	25	20	0	0	0	0	0	0	0	5	-	-	-	-	-	-	
GARYVACH FOREST ...	9 9	88	8.7	1.4	5.1	-	11.5	8	-3.9	20	5.8	8.5	126	27	24	27	19	0	0	2	0	0	0	0	9	20	-	-	-	-	-	
LOUGHMORE FOREST ...	9 9	174	8.1	0.6	4.3	-	11.0	8	-4.8	21	-	-	101	14	24	26	21	4	1	1	0	0	0	0	11	19	-	5	-	-	-	
MONEYDIG ...	21-9	34	8.7	1.6	5.1	-1.0	11.9	30	-5.4	20	7.1	-	105	23	24	25	19	2	0	0	1	2	0	0	11	19	-	-	-	-	-	
SOMERSET FOREST ...	9 9	43	9.0	2.0	5.5	-	11.9	2	-3.6	20	-	-	113	20	24	26	19	0	0	0	0	0	0	0	4	13	-	-	-	-	-	
TRAOD POINT ...	9 9	16	8.9	2.0	5.5	-	12.0	30	-2.4	20	-	-	84	15	23	22	17	1	-	0	0	0	0	-	10	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	8.2	2.7	5.5	-0.9	11.8	8	-2.6	21	6.2	9.0	87	-	23	20	18	1	0	0	1	0	2	4	17	13	-	1	2	2.55	136	
ALTNAMINCH ...	9 9	226	7.3	1.7	4.5	-	10.5	8.9.30	-1.6	20	-	-	156	-	24	26	23	2	0	2	0	1	1	7	19	-	-	-	-	-	-	
BALLYLUMFORD ...	9 9	24	9.5	4.2	6.9	-	12.2	1.2.30	1.0	16	-	-	136	-	-	-	-	-	-	-	-	-	-	0	4	-	-	-	-	-	-	
BALLYMONEY ...	9 9	55	9.1	1.6	5.3	-	12.2	30	-4.3	20	-	-	98	16	24	24	18	2	-	1	2	0	0	3	16	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	8.1	2.0	5.1	-	11.4	8	-4.3	20	-	-	157	21	24	25	23	-	-	-	-	-	-	10	16	-	2	-	-	-	-	
GREENMOUNT ...	9 9	32	8.8	1.1	4.9	-	12.2	8	-4.7	20	6.4	-	89	12	23	21	18	0	0	0	0	0	0	1	4	-	-	-	-	-	-	
KILROOT ...	9 9	22	9.5	4.8	7.1	-	12.1	8	0.7	18	-	-	134	14	24	22	19	0	0	0	0	0	1	0	4	-	-	-	-	-	-	
LARNE ...	9 9	43	9.5	3.2	6.3	-	13.0	1	-0.8	19	-	-	132	25	24	25	19	1	0	0	0	0	0	1	0	2	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	8.8	1.1	4.9	-	11.7	8	-4.7	20	-	-	103	16	23	23	17	0	0	0	0	0	0	13	1	-	-	-	-	2.48	-	
LWITOWN ...	9 9	271	6.7	1.9	4.3	-	10.2	8	-1.2	20	5.5	-	158	19	23	25	21	0	0	0	0	0	0	6	22	-	-	-	-	1.91	-	
MALUSKI(HYDE PARK) ...	9 9	134	-	-	-	-	-	-	-	-	-	-	127	30	24	17	16	0	0	0	0	0	0	0	7	25	-	1	0	-	-	
PARKMORE FOREST ...	9 9	235	7.1	1.8	4.5	-	10.6	8	-0.5	16.27	5.8	-	241	49	24	26	23	1	0	0	0	0	0	1	7	-	-	-	-	-	-	
WOODBURN NORTH ...	9 9	217	7.5	2.1	4.8	-	10.7	8	-1.2	3	-	-	139	123	23	25	18	0	0	0	0	0	0	4	3	17	-	-	-	-	-	
BELFAST																																
MALONE ...	9 9	35	9.2	2.6	5.9	-	13.0	8	-1.1	18	7.1	-	103	21	23	22	18	-	-	-	-	-	2	1	20	-	-	-	-	2.53	-	
MILLTOWN ...	9 9	37	9.5	2.4	5.9	-	12.7	9	-2.2	21	-	-	100	20	23	22	17	0	0	0	0	0	0	4	19	-	-	-	-	-	-	
NEWTOWNABBEY ...	9 9	32	9.2	4.3	6.7	-	12.4	8	-0.8	18	7.1	-	120	23	23	21	17	2	0	2	0	0	0	1	9	-	3	-	-	2.58	5	
ROSEBANK ...	9 9	47	9.3	3.2	6.3	-	12.7	8	-1.0	18.21	-	-	112	26	24	19	16	-	0	-	-	-	-	2	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	9.1	3.0	6.1	-	12.5	8	-1.1	18	-	-	102	22	23	25	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	9.3	3.2	6.3	-	12.8	2	-0.6	18	6.1	8.5	108	-	25	23	23	18	1	0	0	1	0	2	1	16	-	-	-	-	2.76	-
DOWN																																
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	98	-	26	23	22	16	-	-	-	-	-	-	-	-	-	-	-	-	2.58	-
COMBER CEMETERY ...	9 9	11	9.5	2.9	6.2	-	13.0	8	-1.5	16	-	-	99	-	20	23	21	17	0	-	1	0	0	-	4	16	-	-	-	-	-	-
CRAIGTIONS GREEN ...	9 9	119	8.3	2.9	5.6	-	11.6	8	0.5	20.26.28	-	-	115	-	24	23	19	18	-	0	-	-	-	0	0	-	-	-	-	-	-	-
DOWNPATRICK ...	9 9	26	9.3	3.5	6.4	-	12.5	1.9	-2.8	20	-	-	88	-	23	23	16	13	-	-	-	-	-	8	2	16	-	-	-	-	-	
HELENS BAY ...	9 9	43	8.8	4.0	6.4	-	12.1	30	1.2	20	-	-	108	-	23	23	20	17	1	0	0	0	0	0	15	-	4	-	-	2.82	-	
HILLSBOROUGH ...	9 9	116	8.4	2.6	5.5	-0.8	12.1	8	-1.6	18	6.5	8.5	94	-	18	23	20	15	0	0	0	0	4	4	26	-	2	-	-	2.81	146	
KILNEEL ...	21-9	18	9.2	4.1	6.7	-1.0	12.4	8	0.4	17	-	-	95	-	28	23	14	11	0	0	0	0	0	0	9	5	-	-	-	2.98	-	
KILLDOUGH ...	21-9	15	8.9	4.1	6.5	-	12.2	8	-0.7	18	-	-	91	-	31	23	16	13	0	0	0	0	0	0	2	8	-	6	5	-	-	
MURLDOUGH ...	9 9	9	9.6	2.3	5.9	-	12.9	2	-3.0	27	6.1	7.9	94	-	22	23	17	13	0	0	0	1	0	1	5	17	-	3	-	3.04	-	
NEARY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																
ARMAGH ...	9 9	62	8.2	2.2	5.2	-1.3	11.8	8	-2.4	21	6.6	9.0	72	93	11	23	21	15	1	0	1	0	1	2	5	22	-	6	-	2.61	135	
LOUGHGALL ...	9 9	25	8.9	1.8	5.3	-	12.5	8	-2.9	21	-	-	67	-	12	23	21	14	1	0	0	0	1	0	6	24	-	1	-	2.90	-	
LURGAN ...	9 9	55	9.1	2.1	5.6	-	11.9	2.8	-1.4	21	6.4	8.8	67	-	13	23	19	14	0	-	0	0	0	-	4	18	-	-	-	2.56	-	
PORTADOWN ...	9 9	16	9.2	2.4	5.8	-	12.6	7	-3.2	21	6.7	8.8	71	-	15	23	19	14	0	-	0	0	0	-	4	18	-	-	-	-	-	
TANDRAGEE ...	9 9	43	9.3	1.9	5.6	-	12.9	1	-2.5	20	-	-	77	-	16	23	16	16	-	-	-	-	-	-	5	-	-	-	-	-	-	
TYRONE																																
BARONSCOURT FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARRIGANS ...	21-9	113	8.1	2.0	5.1	-	11.5	4	-3.2	19	-	-	139	-	23	10	24	21	1	0	2	1	1	3	9	21	-	13	0	-	2.23	-
COOKSTOWN ...	9 9	77	8.6	1.8	5.2	-	11.7	8	-2.1	18	6.2	-	95	-	12	23	22	19	0	-	0	0	0	0	6	19	-	-	-	2.78	-	
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGH BRADAN ...	9 9	169	7.9	1.1	4.5	-	11.0	8	-3.5	20	-	-	181	-	30	10	25	22	-	0	-	0	0	1	8	22	-	-	-	2.29	-	
POMEROY FOREST ...	9 9	165	8.0	1.7	4.9	-	11.4	8	-1.2	20	6.4	-	117	-	-	-	-	-	0	0	0	0	0	0	6	12	-	-	-	-	-	
STRABANE CONVENT ...	9 9	44	8.7	2.1	5.4	-	11.8	8	-3.6	21	-	-	109	-	13	13	26	22	0	0	2	0	0	1	6	20	-	1	-	2.16	-	
FERMANAGH																																
CASTLE ARCHDALE ...	9 9	66	8.5	1.5	5.1	-1.0	12.0	8	-4.7																							



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1974

STATION	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	WET BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	VAPOUR PRESSURE (MB)	RELATIVE HUMIDITY (%)	OKTAS					0 - 30M	40 - 100M	200 - 300M	400 - 500M	1000 - 1500M	2000 - 3000M	4 - 5M	10 - 15M	20 - 30M	40M AND OVER	BEAUFORT FORCE					N	NE	E	SE	S	SW	W	NW		
										0	1 - 2	3 - 5	6 - 7	8											SKY OBSERVED	SPEED (KT)													
																										34 OR MORE	22-33	11-21	1-10									0	
NUMBER OF OBSERVATIONS																																							
0 SCOTLAND N SHETLAND																																							
LERWICK	83	3	1000.8	-	5.7	0.8	8.2	88	5.8	0	4	7	10	9	0	0	0	0	0	0	2	8	17	3	0	2	13	13	2	4	0	4	2	7	3	6	2		
	9	9	1000.7	-7.1	5.6	-	-	-	5.7	0	2	8	18	4	0	0	0	0	0	0	1	8	17	4	0	1	15	13	1	4	0	4	2	6	6	4	4		
	15	15	1000.4	-	6.0	1.0	8.1	86	6.2	0	2	7	14	7	0	0	0	0	0	0	1	6	18	4	0	2	16	12	0	0	0	2	6	6	6	4	4		
	21	21	1000.8	-	6.0	0.9	8.2	88	6.1	0	3	8	8	13	0	0	0	0	0	0	2	10	14	4	0	3	16	11	0	0	2	1	4	7	6	8	3		
ORKNEY																																							
KIRKALL	28	3	1000.5	-	5.8	0.5	8.6	93	5.4	0	4	9	10	7	0	0	0	0	0	0	1	5	20	4	0	2	18	10	0	0	2	7	5	4	7	1			
	9	9	1000.4	-7.8	5.9	0.5	8.5	92	6.1	0	1	7	17	5	0	0	0	0	0	0	2	8	14	8	0	0	3	15	11	1	3	0	4	5	7	2	8	2	
	15	15	1000.0	-	6.8	0.7	8.9	90	6.3	0	1	7	18	8	0	0	0	0	0	0	1	8	15	8	0	0	2	19	8	1	3	0	3	5	5	9	9	1	
	21	21	1000.3	-	6.3	0.5	8.8	92	6.1	0	4	5	10	11	0	0	0	0	0	0	0	7	18	5	0	1	19	10	0	0	3	1	6	1	6	3	8	3	
CAITHNESS																																							
NICK	37	3	1001.1	-	5.9	0.9	8.1	86	5.6	0	4	7	14	5	0	0	0	0	0	0	0	2	20	8	0	2	13	15	0	2	1	0	5	9	6	2	5		
	9	9	1001.0	-7.8	5.8	0.8	8.0	88	6.2	0	1	5	21	3	0	0	0	0	0	0	1	9	9	11	0	0	1	18	11	0	3	0	2	3	7	5	8	2	
	15	15	1000.6	-	6.8	1.1	8.3	84	6.4	0	0	5	23	2	0	0	0	0	0	0	0	3	2	14	11	0	2	17	11	0	2	0	1	4	7	5	7	4	
	21	21	1001.0	-	6.1	0.8	8.3	87	6.0	0	2	9	14	5	0	0	0	0	0	0	1	5	13	11	0	1	16	13	0	2	2	0	3	7	7	5	4		
SUTHERLAND																																							
CAPE WARTH	113	3	999.9	-	6.7	0.7	8.8	89	5.5	0	3	11	8	10	0	0	0	0	0	0	0	1	11	18	0	2	8	19	3	2	4	1	1	5	3	3	8		
	9	9	999.9	-	6.8	0.7	8.8	90	6.5	0	1	4	18	9	0	0	0	0	0	0	0	5	14	11	0	2	12	18	0	0	2	2	5	3	4	4	10		
	15	15	999.8	-	7.0	0.7	9.0	89	6.5	0	2	3	18	7	0	0	0	0	0	0	0	6	9	18	1	3	8	16	2	0	3	3	2	3	6	4	4		
	21	21	999.9	-	6.9	0.6	9.0	91	5.9	0	1	11	9	9	0	0	0	0	0	0	0	6	9	15	0	3	11	16	0	2	4	3	1	3	7	5	5		
ROSS & CROMARTY																																							
STORNOMAY	5	3	1000.8	-	5.6	0.4	8.7	94	5.8	0	5	5	7	13	0	0	0	0	0	0	0	4	8	16	2	0	3	10	14	3	1	0	1	4	6	4	7	4	
	9	9	1000.9	-7.5	5.7	0.6	8.4	91	5.8	0	2	9	12	7	0	0	0	0	0	0	3	3	17	7	0	2	11	15	3	2	0	1	3	5	4	7	5		
	15	15	1000.3	-	7.0	0.8	8.9	88	6.2	0	2	6	16	8	0	0	0	0	0	0	0	3	4	18	5	0	2	15	12	1	2	0	5	3	4	6	5	4	
	21	21	1001.0	-	5.6	0.5	8.5	93	5.4	0	0	6	8	10	0	0	0	0	0	0	0	1	8	20	1	0	2	12	13	3	1	0	2	1	7	7	4	5	
INVERNESS-SHIRE																																							
BENBECULA	7	3	1000.9	-	6.2	0.6	8.7	91	5.3	1	6	6	9	8	0	0	0	0	0	0	1	2	4	10	13	0	4	12	11	3	2	3	0	2	8	1	5	6	
	9	9	1001.2	-7.3	6.4	0.8	8.5	88	5.3	0	4	11	14	1	0	0	0	0	0	0	1	1	14	14	2	0	4	11	13	2	0	2	1	6	5	10	4		
	15	15	1000.4	-	7.4	1.0	8.9	86	6.2	0	4	3	17	6	0	0	0	0	0	0	1	1	7	11	17	0	2	14	12	2	2	4	0	5	5	7	3		
	21	21	1001.2	-	6.2	0.7	8.5	89	5.4	1	6	5	9	9	0	0	0	0	0	0	2	5	8	15	0	2	12	13	3	2	2	1	2	3	10	0	4	5	
1 SCOTLAND E HORTHSHIRE																																							
KINLOSS	6	3	1001.9	-	5.3	0.9	7.6	86	5.8	0	6	3	11	10	0	0	0	0	0	0	1	2	5	10	12	0	1	9	19	1	0	1	1	9	11	5	1		
	9	9	1001.6	-7.7	5.2	0.9	7.7	87	5.9	0	2	6	22	0	0	0	0	0	0	0	0	1	2	9	18	1	0	12	17	0	0	0	3	2	9	13	2	1	
	15	15	1001.1	-	7.3	1.4	8.2	80	6.5	0	1	2	24	3	0	0	0	0	0	0	0	2	2	10	16	0	2	19	7	2	1	0	4	2	5	4	3		
	21	21	1001.6	-	5.7	1.0	7.8	85	5.9	0	4	4	14	8	0	0	0	0	0	0	0	3	2	10	15	0	1	15	14	0	2	0	4	1	6	13	3	1	
ABERDEENSHIRE																																							
DYCE	59	3	1002.1	-	4.9	0.8	7.6	87	5.1	2	7	4	10	7	0	0	0	0	0	0	1	5	2	7	15	0	3	12	13	2	2	0	3	1	7	5	5		
	9	9	1002.2	-7.5	5.1	0.8	7.7	87	6.0	1	2	5	17	5	0	0	0	0	0	0	0	1	7	5	7	10	1	4	15	8	2	1	1	2	4	8	5		
	15	15	1001.6	-	7.0	1.4	8.1	81	6.0	0	5	3	15	7	0	0	0	0	0	0	0	2	6	3	4	15	0	4	16	9	1	0	0	1	2	7	4	10	5
	21	21	1001.8	-	5.4	0.8	7.9	87	5.9	0	4	6	9	11	0	0	0	0	0	0	0	2	7	3	5	13	0	1	19	8	2	0	0	1	4	4	8	5	
FRASERBURGH	22	3	1001.8	-	6.3	0.2	8.4	97	4.9	1	4	13	5	7	0	0	0	0	0	0	0	20	10	0	2	7	9	12	0	2	0	5	2	8	5	3			
	9	9	1001.8	-7.4	6.7	0.2	8.5	96	5.8	0	2	9	12	7	0	0	0	0	0	0	0	0	1	13	16	0	1	7	10	0	1	2	0	6	8	5	3		
	15	15	1001.3	-	7.8	0.3	10.2	96	6.3	0	2	5	15	8	0	0	0	0	0	0	0	0	10	20	0	1	7	12	10	0	1	2	0	6	8	5	3		
	21	21	1001.4	-	7.0	0.1	9.8	98	5.6	0	5	5	9	11	0	0	0	0	0	0	0	0	20	10	0	1	5	12	12	0	1	1	3	4	8	5	3		
ANDUS																																							
USAN	36	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-</																				



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1974

HEIGHT OF BAROMETER ABOVE HSL (METRES)	HOUR OF OBSERVATION (GMT)	MEAN PRESSURE		MEAN TEMPERATURE AND HUMIDITY				CLOUD AMOUNT					VISIBILITY					WIND SPEED AND DIRECTION																					
		AT HSL (MB)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WET BULB DEGREES C	VAPOR 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 OBLSCURED	34 OR MORE	11-21	1-10	0											
																																					SPEED (KT)		
																																						22-33	1-10
NUMBER OF OBSERVATIONS																																							
6 SCOTLAND W - CONTO. DUNFRIESSHIRE																																							
ESKDALEHUIR	237	3	1004.8	-	3.8	0.7	7.3	90	5.9	2	4	5	4	14	1	0	1	1	2	1	3	6	7	7	2	0	3	8	11	8	4	1	0	0	4	7	2	1	
	9	1005.2	- 6.0	4.0	0.6	7.6	91	6.0	1	5	1	10	13	0	0	0	0	0	1	1	3	3	13	7	2	0	4	7	16	8	3	2	2	4	8	2	1		
	15	1004.3	-	5.7	1.1	7.7	84	6.3	1	2	3	14	10	0	0	0	0	1	1	0	5	7	14	2	0	0	4	10	15	1	4	2	2	6	7	6	1		
	21	1004.8	-	4.1	0.6	7.5	91	5.8	3	4	2	4	17	0	0	0	0	0	0	3	9	6	10	2	0	0	4	8	12	6	2	1	0	2	6	9	3	1	
2 ENGLAND E & NE NORTHUMBRIA																																							
ACKLINTON	46	3	1004.4	-	5.2	0.6	8.1	91	5.3	4	4	3	6	10	1	0	2	0	0	1	1	6	3	8	9	0	1	6	22	1	2	0	1	1	6	6	8	5	
	9	1004.8	- 5.8	5.3	0.6	8.2	51	5.6	0	6	5	12	7	0	0	0	2	1	0	4	4	7	6	7	0	3	8	15	4	0	1	3	0	7	4	8	3		
	15	1004.3	-	7.4	1.2	8.6	83	5.1	0	7	6	9	8	0	0	0	0	0	1	3	7	3	8	8	0	3	9	16	2	1	2	2	5	6	7	3			
	21	1004.5	-	5.5	0.7	8.2	90	4.4	5	7	3	6	9	0	0	0	0	1	2	1	8	1	9	8	1	0	12	15	2	0	0	2	1	3	8	11	3		
SEAHOUSES	12	3	1003.4	-	5.8	1.1	7.8	83	5.4	0	7	8	2	13	0	0	0	0	0	0	3	2	8	17	0	0	4	7	18	1	1	1	1	5	12	6	2		
	9	1004.0	-	5.9	1.0	7.9	84	5.3	0	6	5	15	4	0	0	0	0	1	1	8	1	13	6	1	0	14	13	2	1	1	1	3	7	6	7	2			
	15	1003.1	-	7.8	1.6	8.2	77	5.3	0	4	10	12	4	0	0	0	0	2	1	5	4	14	4	1	7	8	13	1	2	0	2	2	6	3	11	3			
	21	1003.7	-	6.5	1.2	8.1	83	4.7	0	10	6	7	7	0	0	0	0	2	1	5	4	18	0	1	2	12	14	1	3	1	1	1	8	10	5	0			
TYNE & HEAR TYNEROUTH																																							
TYNEROUTH	40	3	1004.8	-	6.0	0.5	8.8	92	5.1	6	2	5	6	11	0	0	0	0	0	1	3	0	17	9	0	0	3	14	12	1	0	1	1	5	11	9	1		
	9	1005.0	- 6.2	6.1	0.5	8.8	92	5.7	1	3	6	13	7	0	0	1	0	0	2	4	5	14	4	0	0	4	15	11	0	0	1	2	3	0	7	8	2		
	15	1004.4	-	7.9	1.0	9.2	86	5.8	0	4	9	7	10	0	0	0	0	0	3	8	17	2	0	0	0	6	17	7	0	0	1	1	0	7	3	14	2		
	21	1004.9	-	6.6	0.7	8.9	90	4.7	5	5	4	9	7	0	0	0	0	0	1	2	3	19	5	0	0	4	13	12	1	1	0	2	2	8	3	11	2		
NORTH YORKSHIRE																																							
LEEMING	39	3	1005.7	-	4.7	0.7	7.8	90	5.2	6	1	6	3	12	2	0	0	3	2	4	3	3	4	5	6	0	3	4	19	4	2	1	0	9	5	2	7	0	
	9	1006.0	- 5.8	5.0	0.7	7.9	90	5.9	0	4	5	11	8	2	0	2	1	2	8	3	4	7	4	0	1	9	17	3	4	0	1	10	3	4	4	1			
	15	1005.4	-	7.6	1.3	8.6	82	5.6	0	7	3	12	8	0	0	0	0	3	1	2	5	5	7	7	0	0	12	18	0	2	1	6	5	8	4	1			
	21	1006.0	-	5.8	0.8	8.2	88	4.8	3	9	1	5	11	1	0	0	1	0	1	5	7	2	6	8	0	1	11	14	4	2	0	0	5	9	2	5	3		
WHITBY C.O.	66	3	1005.3	-	5.6	0.7	8.2	89	5.7	1	7	2	5	15	0	0	0	0	1	1	3	12	12	1	1	5	9	15	0	1	0	0	1	18	4	5	1		
	9	1005.3	-	5.8	0.6	8.4	90	5.5	0	8	4	6	12	0	0	0	0	0	2	8	8	11	3	1	2	15	12	0	1	2	0	1	14	5	8	1			
	15	1005.1	-	7.7	1.2	8.8	83	5.9	0	2	10	6	12	0	0	0	0	1	3	6	6	9	5	1	5	14	9	1	0	1	2	1	8	6	8	3			
	21	1006.7	-	6.0	0.8	8.3	88	3.9	4	9	6	3	8	0	0	0	0	0	0	7	8	13	2	0	6	9	15	0	0	0	1	2	14	9	3	1			
HUMBERSIDE																																							
KILNSEA	16	3	1006.6	-	6.1	0.7	8.5	90	5.5	2	5	5	4	14	0	0	0	0	0	1	8	21	0	0	3	4	12	8	3	0	4	0	1	8	6	8	2		
	9	1006.7	- 5.3	6.0	0.6	8.5	91	6.0	0	1	12	6	11	0	0	0	0	0	5	7	18	0	0	1	8	14	6	1	3	0	2	1	13	3	5	0			
	15	1006.3	-	7.9	0.9	9.3	87	6.0	0	1	10	8	11	0	0	0	0	0	0	5	8	17	0	0	1	8	16	5	0	2	1	3	7	7	9	0			
	21	1007.1	-	6.4	0.7	8.6	89	4.8	3	7	4	8	8	0	0	0	0	0	0	3	6	21	0	0	0	8	12	4	8	0	0	1	0	9	5	9	0		
LINCOLNSHIRE																																							
BINBROOK	112	3	1007.0	-	4.2	0.4	7.8	93	5.4	3	5	4	5	12	1	0	2	0	4	2	5	5	4	6	2	0	4	10	15	1	3	0	0	1	10	7	6	2	
	9	1007.0	-	4.8	0.4	8.1	93	6.4	0	3	5	11	11	0	0	0	0	2	1	5	10	6	6	0	0	2	19	7	2	1	0	3	1	9	7	4	3		
	15	1006.6	-	6.8	0.8	8.8	88	6.4	0	3	4	13	10	0	0	0	1	2	2	4	6	8	7	0	0	6	13	11	0	1	2	0	1	8	9	8	1		
	21	1007.6	-	4.8	0.5	7.9	92	5.1	2	8	3	6	11	0	0	0	2	0	4	5	9	4	5	1	0	5	10	14	1	2	0	1	0	7	7	8	1		
WADDINGTON	70	3	1007.3	-	5.1	0.6	8.0	91	6.0	1	2	7	7	11	2	0	1	1	4	0	3	5	7	4	5	0	3	6	20	1	3	1	0	1	8	13	3	2	
	9	1007.3	- 5.3	5.4	0.5	8.3	92	6.5	0	3	3	10	11	3	0	1	1	3	2	4	8	2	9	0	0	1	14	15	0	0	1	3	3	11	5	5	5		
	15	1007.0	-	7.6	1.0	9.1	86	6.4	0	2	5	10	13	0	0	0	0	1	2	3	7	5	12	0	0	14	16	0	2	1	0	1	6	10	9	1			
	21	1008.0	-	5.7	0.7	8.2	89	5.2	3	4	6	6	11	0	0	0	0	2	3	6	8	2	9	2	0	0	11	19	0	2	0	1	0	8	11	7	1		
3 EAST ANGLIA NORFOLK																																							
COLTISHALL	17	3	1008.2	-	5.4	0.6	8.3	91	5.3	3	4	5	5	13	0	0	0	0	1	5	5	8	4	7	0	0	3	10	12	5	1	0	0	1	8	9	5	1	
	9	1008.0	-	6.1	0.7	8.5	90	5.8	0	1	3	15	11	0	0	0	0	1	3	8	5	8	3	2	0	3	10	14	3	0	0	3	2	10	4	5	3		
	15	1007.5	-	6.5	1.2	9.3	83	6.3	0	3	5	10	12	0	0	0	0	1	0	0	9	9	10	1	0	2	12	15	1	0	2	0	1	9	6	2			
	21	1008.7	-	6.3	0.7	8.6	89	5.7	3	3	4	10	10	0	0	0	1	0	2	8	4	4	9	0	0	0	2	12	13	3	0	2	0	1	8	7	8	1	
GORLESTON	8	3	1008.6	-	6.4	0.9	8.5	88	4.8	10	1	2	1	15	1	0	0	0	0	0	0	20	0	0	0	4	12	11	3	0	1	0	1	9	9	5	2		
	9	1008.3	- 4.5	7.1	0.9	8.8	85	6.7	0	2	4	8	16	0	0	0	1	0	1	0	11	17	0	0	0	4	11	13	2	2	0	0	2	13	3	6	2		
	15	1007.7	-	8.7	1.3	9.4	82	6.8	0	1	3	11	15	0	0	0	0	1	0	2	9	18	0	0	0	4	13	11	2	0	2	0	1	11	7	5	2		
	21	1008.9	-	7.4	1.0	8.9	85	5.1	8	1	3	4	14	0																									



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1974

STATION	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	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 OBSCURED	SPEED (KT)													
																										0 OR MORE	22-33	11-21	1-10									0	
NUMBER OF OBSERVATIONS																																							
3 EAST ANGLIA -CONTO. ESSEX																																							
SHOEBURYNES	5	9	1009.3	- 4.3	7.9	0.7	9.7	90	6.8	0	3	0	12	15	0	0	0	0	0	0	4	10	4	9	3	0	3	16	11	0	1	0	0	2	13	5	7	2	
		15	1009.2	-	9.5	1.4	9.7	81	6.5	0	2	4	14	10	0	0	0	0	1	0	2	11	11	5	0	3	15	10	2	1	0	0	0	8	8	9	2		
		21	1010.5	-	7.8	0.9	9.3	87	4.6	2	9	4	7	8	0	0	0	0	1	1	0	7	5	10	6	0	0	1	13	16	0	1	0	0	2	7	9	10	1
		21	1010.5	-	7.8	0.9	9.3	87	4.6	2	9	4	7	8	0	0	0	0	1	1	0	7	5	10	6	0	0	1	13	16	0	1	0	0	2	7	9	10	1
STANSTED	102	3	1009.0	-	5.5	0.6	8.3	91	6.2	0	4	4	10	11	1	0	0	1	0	5	4	6	5	7	2	2	0	1	7	22	0	1	1	1	6	6	7	6	2
		9	1008.7	- 4.7	6.3	0.5	8.9	93	6.7	0	3	1	13	13	0	0	0	1	4	4	6	7	2	2	0	0	1	6	21	0	3	1	1	3	9	8	4	1	
		15	1008.4	-	8.3	1.2	9.2	83	6.3	0	5	3	10	12	0	0	0	0	1	2	2	8	5	11	3	0	0	16	14	0	2	0	3	2	6	7	8	2	
		21	1009.8	-	6.4	0.7	8.7	89	5.8	2	4	3	8	12	1	0	0	1	1	2	3	8	4	8	3	0	1	7	20	2	2	1	0	2	1	7	8	9	0
WALTON-ON-THE-NAZE	8	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
		21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
4 MIDLAND COUNTIES																																							
WEST YORKSHIRE																																							
HUDDERSFIELD OAKES	235	3	1006.4	-	3.7	0.4	7.5	93	5.9	4	2	3	5	16	0	0	0	1	2	4	0	5	8	10	0	4	6	7	12	1	1	1	1	0	3	3	16	4	
		9	1006.6	-	4.9	0.5	8.1	93	6.1	1	4	3	8	13	1	0	1	2	2	1	4	2	8	10	0	2	4	8	16	0	3	2	1	0	3	9	8	4	
		15	1006.4	-	6.5	0.9	8.4	86	6.3	0	1	9	9	11	0	0	0	1	2	2	1	2	10	12	0	0	7	9	14	0	1	4	0	1	1	9	12	2	
		21	1007.2	-	4.8	0.6	7.8	90	5.2	2	3	9	6	10	0	0	2	0	1	0	1	5	7	14	0	5	4	5	18	0	4	2	0	1	1	8	10	4	
WILSON	267	3	1006.8	-	3.9	0.8	7.4	91	6.3	1	3	5	3	12	6	0	3	0	2	2	0	7	16	0	0	5	8	12	5	0	0	1	2	8	6	6	2		
		9	1006.8	-	4.5	0.5	7.7	91	6.8	0	5	7	5	10	3	0	1	1	2	2	1	6	16	1	0	0	3	12	10	5	1	1	1	2	3	8	7	2	
		15	1006.3	-	6.0	1.0	8.0	85	6.3	0	3	6	6	13	2	0	2	0	2	2	2	4	17	1	0	0	3	13	12	2	0	2	3	1	3	6	12	1	
		21	1007.3	-	4.5	0.7	7.5	89	5.5	2	6	3	4	11	4	0	2	1	1	1	3	3	19	0	0	6	5	13	6	0	2	0	2	0	5	8	8	1	
SOUTH YORKSHIRE																																							
FINNINGLEY	15	3	1006.5	-	4.7	0.6	7.9	91	5.6	4	3	3	8	11	1	0	2	0	3	5	2	8	1	7	2	0	2	7	19	2	3	0	0	0	13	4	6	2	
		9	1006.7	- 5.5	5.3	0.6	8.2	91	6.3	0	4	5	8	12	1	0	1	0	3	4	6	5	6	5	0	0	1	10	18	1	0	1	3	3	8	4	4	6	
		15	1006.3	-	7.9	1.3	8.8	83	6.2	0	3	3	13	11	0	0	0	1	1	6	4	12	6	0	0	2	13	15	0	3	2	0	3	7	4	8	3		
		21	1007.1	-	5.4	0.7	8.0	89	5.1	3	6	3	8	9	1	0	1	0	2	6	3	7	5	6	0	0	2	8	17	3	2	0	0	2	10	5	7	1	
NOTTINGHAMSHIRE																																							
WATNALL	119	3	1007.5	-	4.7	0.5	8.0	93	5.8	3	2	6	6	9	4	0	3	0	2	4	6	5	7	3	0	0	1	8	20	1	3	3	0	1	4	14	3	1	
		9	1007.5	- 5.0	5.5	0.5	8.4	92	6.7	0	2	3	8	16	1	0	1	0	2	6	5	8	6	2	0	0	0	11	18	1	2	3	1	2	6	10	3	2	
		15	1007.2	-	7.8	1.1	8.8	84	6.7	0	1	5	13	10	1	0	1	0	2	2	4	6	9	6	0	0	2	10	18	0	1	2	1	2	4	9	9	2	
		21	1008.2	-	5.5	0.6	8.3	90	5.4	1	8	7	3	13	0	0	0	1	3	3	6	7	6	4	0	0	2	8	19	1	2	1	0	0	4	14	8	0	
SALOP																																							
SHAWBURY	76	3	1007.4	-	5.1	0.7	7.9	89	5.9	1	5	3	9	12	0	0	0	0	3	2	1	6	3	15	0	0	2	4	23	1	2	2	1	4	12	2	5	1	
		9	1007.6	- 5.1	5.9	0.8	8.3	89	6.5	0	0	6	15	9	0	0	1	0	1	3	4	3	2	15	1	0	1	7	20	2	3	0	2	2	6	4	8	3	
		15	1007.3	-	8.2	1.4	8.8	81	6.2	0	1	7	15	7	0	0	0	1	0	1	2	4	15	3	0	0	1	9	20	0	3	1	1	0	6	5	11	3	
		21	1008.4	-	5.5	0.8	7.9	87	5.3	1	4	9	5	11	0	0	0	0	1	1	2	3	5	17	1	0	0	9	19	2	0	4	0	2	6	5	9	2	
WEST MIDLANDS																																							
EDGBASTON	165	9	1008.1	- 5.0	5.9	0.5	8.7	92	6.5	1	2	2	11	14	0	0	0	0	3	6	1	12	5	2	1	0	0	7	21	2	2	2	1	1	9	4	6	3	
		15	1007.8	-	8.0	1.3	8.8	81	6.3	0	2	2	20	8	0	0	0	0	1	3	1	8	9	8	0	0	0	10	17	2	0	1	0	6	6	9	4		
		21	1009.1	-	6.1	0.8	8.3	87	5.5	2	2	8	8	10	0	0	0	0	0	2	8	6	11	5	0	0	0	7	20	3	0	1	1	0	5	8	11	1	
		21	1009.1	-	6.1	0.8	8.3	87	5.5	2	2	8	8	10	0	0	0	0	0	2	8	6	11	5	0	0	0	7	20	3	0	1	1	0	5	8	11	1	
ELDON	100	3	1008.1	-	5.1	0.7	7.9	90	6.4	1	0	8	7	13	1	0	0	0	3	5	2	5	6	9	0	0	3	5	21	1	2	1	1	2	11	6	3	3	
		9	1008.0	- 5.0	6.0	0.7	8.4	89	6.6	0	2	3	13	12	0	0	1	0	0	3	7	5	9	5	0	0	2	10	17	1	3	1	0	5	4	8	5	3	
		15	1007.8	-	8.3	1.5	8.7	79	6.5	0	1	3	19	7	0	0	0	0	2	2	6	12	8	0	1	1	12	16	0	1	1	1	1	6	7	6	3		
		21	1009.1	-	5.9	1.0	8.0	86	5.5	1	5	8	7	11	0	0	0	0	1	2	4	9	6	8	0	0	2	7	19	2	1	2	0	1	8	6	7	3	
HEREFORD & WORCESTER																																							
PERSHORE	36	3	1008.2	-	5.8	0.7	8.4	90	6.0	1	4	4	8	13	0	0	0	0	0	8	5	7	6	4	0	0	3	11	13	3	1	2	1	3	10	6	3	1	
		9	1008.1	-	6.4	0.8	8.7	89	6.1	0	4	4	11	11	0	0	0	0	2	2	6	7	7	4	0	0	0	15	13	2	1	0	3	8	9	4	1		
		15	1008.0	-	8.9	1.6	9.0	79	6.8	0	1	4	14	11	0	0	0	0	0	2	6	5	13	4	0	0	3	14	12	1	1	1	0	1	7	8	9	2	
		21	1009.1	-	5.9	0.8	8.2	87	4.9	1	10	2	7	10	0	0	0	0	0	1	3	6	7	10	3	0	1	9	16	4	0	1	2	3	6	9	5	0	
ROSS-ON-WYE																																							
GLOUCESTERSHIRE																																							
GLOUCESTER	24	3	1007.9	-	7.0	0.8	9.0	89	6.2	0	3	7	5	14	1	0	0	0	1	0	7	8	4	10	0	0	2	9	16	3	3	0	2	0	8	9	3	2	
		9	1008.6	- 4.8	7.3	0.7	9.3	90	5.8	0	3	8	10	9	0	0	0	2	0	2	2	8	9	8	1	0	1	10	15	4	2	1	0	1	9	9	3	1	
		15	1008.6	-	9.4	1.4	9.6	81	6.6	0	1	5	13	11	0	0	0	0	1	1	2	7	3	15	1	0	5	11	12	2	2	0	0	0	3	16	5	2	
		21	1009.7																																				







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

NOVEMBER 1974

STATION	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 (IN)	DIFFERENCE FROM 1941-70 AVERAGE	DRY BULB DEGREES C	DEPRESSION OF WET BULB DEGREES C	WIND-CHILL DEGREES C	RELATIVE HUMIDITY (%)	OKTAS				0 - 30M	40 - 100M	200 - 300M	400 - 500M	1000 - 1500M	2500 - 3000M	4 - 5M	10 - 15M	20 - 30M	40M AND OVER	BEAUFORT FORCE						H	NE	E	SE	S	SW	W	NW			
									0	1-2	3-5	6-7											8	SKY OBSERVED	34 OR MORE	SPEED (KT)													
																										22-33	11-21	1-10									0		
NUMBER OF OBSERVATIONS																																							
8A WALES S - CONTO. WEST GLAMORGAN																																							
HUMBLES HEAD	37	3	1008.7	-	8.0	0.8	9.6	88	6.0	0	4	7	1	18	0	0	0	0	1	0	8	8	11	8	2	7	8	12	1	3	2	2	1	4	5	8	4		
	9	9	1008.8	-	8.3	1.1	9.5	85	6.7	0	0	6	14	10	0	0	0	0	0	0	8	5	13	3	2	2	12	14	0	5	0	3	5	10	2				
	15	15	1009.0	-	9.3	1.3	9.7	82	6.7	0	0	5	14	10	1	0	0	1	0	0	6	10	9	4	1	9	5	15	0	3	0	3	2	1	5	15	1		
	21	21	1009.9	-	8.1	1.0	9.4	86	5.5	2	2	11	3	12	0	0	0	0	1	0	5	5	9	10	2	2	11	12	3	0	2	4	1	3	3	12	2		
SOUTH GLAMORGAN																																							
RHODSE	89	3	1008.8	-	6.8	0.8	8.8	88	6.2	0	5	2	9	13	1	0	0	0	2	0	1	9	7	11	0	0	2	10	16	2	2	4	0	5	5	8	3		
	9	9	1008.9	-4.8	7.5	1.0	9.0	86	6.2	0	5	1	13	11	0	0	0	0	0	1	8	12	8	1	0	1	12	17	0	2	2	0	5	3	11	6			
	15	15	1008.9	-	9.0	1.5	9.2	80	6.5	0	2	6	10	12	0	0	0	0	0	0	8	8	11	3	0	4	11	15	0	0	2	2	4	2	2	16	2		
	21	21	1010.0	-	6.9	0.9	8.7	87	5.2	1	8	5	3	13	0	0	0	0	2	4	3	11	10	0	0	0	15	15	2	0	2	4	1	4	2	12	3		
8B ENGLAND SH. RYON																																							
FILTON	81	3	1009.1	-	6.9	0.9	8.6	86	5.6	1	7	1	8	13	0	0	0	0	1	4	6	7	12	0	0	3	6	20	1	2	3	2	2	9	8	1			
	9	9	1009.2	-4.3	7.2	0.8	9.1	88	6.7	0	1	3	15	11	0	0	0	0	2	1	3	6	9	1	0	0	11	17	2	4	2	0	0	6	7	9			
	15	15	1009.2	-	8.8	1.3	9.3	82	6.8	0	1	3	15	10	0	0	0	1	0	4	3	13	7	2	0	1	10	18	1	3	1	0	1	2	10	11			
	21	21	1010.3	-	7.0	0.8	8.8	88	5.5	1	4	7	8	10	0	0	0	0	3	1	10	4	11	1	0	0	10	18	2	1	3	1	0	5	8	10			
SOMERSET																																							
VEDFILTON	23	3	1009.5	-	7.2	0.8	9.1	89	6.5	2	1	3	8	16	0	0	0	0	0	2	11	9	8	0	0	2	6	14	8	1	1	1	3	2	8	3	3		
	9	9	1005.4	-	8.0	0.9	9.5	87	6.3	0	1	8	16	7	0	0	0	0	1	3	16	7	0	0	0	4	18	4	1	0	0	1	5	9	7	3			
	15	15	1009.7	-	10.0	1.6	9.9	80	6.7	0	0	8	14	10	0	0	0	0	1	3	15	11	0	0	0	3	12	13	2	1	0	1	2	4	8	10			
	21	21	1010.7	-	7.2	0.8	9.1	89	6.9	4	2	9	8	7	0	0	0	0	1	1	9	10	9	0	0	0	9	17	4	1	0	1	2	1	5	7	9		
DORSET																																							
HURN	11	3	1009.8	-	7.4	0.5	9.7	92	6.3	1	2	5	7	15	0	0	0	0	1	2	8	8	11	0	0	3	3	24	0	3	0	0	1	6	11	3	6		
	9	9	1010.0	-	8.3	0.7	10.0	90	6.4	0	2	4	17	7	0	0	0	0	1	0	12	5	11	1	0	4	10	15	1	1	1	1	3	11	7	4			
	15	15	1010.1	-	9.8	1.5	10.0	81	6.4	0	2	4	18	8	0	0	0	0	1	10	5	12	2	0	2	12	16	0	1	0	1	1	5	10	9	3			
	21	21	1011.1	-	7.7	0.7	9.6	90	5.8	3	2	7	6	12	0	0	0	0	1	15	4	9	0	0	0	1	10	18	1	1	1	3	4	9	8	2			
PORTLAND BILL.C.O.	54	3	1009.8	-	9.1	0.5	10.7	93	5.8	2	5	3	2	18	0	1	0	0	0	0	7	16	5	1	3	3	16	7	1	1	2	0	3	10	11	2			
	9	9	1010.0	-	9.2	0.6	10.8	92	6.6	0	1	5	13	11	0	0	0	0	0	2	11	8	8	3	1	8	15	6	0	3	1	0	3	6	9	5			
	15	15	1010.3	-	9.9	0.9	10.9	88	6.7	0	1	5	11	13	0	0	1	0	2	0	6	12	1	1	10	12	6	1	2	0	1	1	3	4	13	6			
	21	21	1011.1	-	9.2	0.7	10.7	91	5.3	2	6	8	6	10	1	0	1	0	0	3	6	10	8	2	1	9	10	10	0	1	2	1	3	2	5	14	2		
DEVON																																							
CHIVENOR																																							
REPORTS TERMINATED																																							
EXETER	38	3	1009.6	-	7.6	0.7	9.5	90	6.4	0	3	4	9	14	0	0	0	0	1	7	9	9	4	0	2	6	19	3	3	1	1	0	11	5	4	2			
	9	9	1010.0	-3.8	8.1	0.7	9.8	90	6.0	0	5	2	17	6	0	0	0	0	2	5	10	10	3	0	2	10	18	0	0	1	3	0	9	4	7	8			
	15	15	1010.0	-	10.0	1.5	10.0	81	6.1	0	4	4	15	7	0	0	0	0	0	3	6	10	11	0	0	3	14	13	0	0	1	3	3	4	15	3			
	21	21	1011.0	-	7.8	0.7	9.8	90	5.9	0	6	3	10	10	1	0	1	0	0	0	4	9	12	4	0	1	5	20	4	0	3	0	3	6	6	5	3		
HARTLAND POINT	93	3	1008.1	-	8.7	1.0	9.8	86	5.9	0	5	8	5	11	1	1	0	0	0	2	10	9	8	3	8	9	9	1	1	3	1	2	4	5	8	5			
	9	9	1009.2	-	8.9	1.1	9.7	84	7.0	0	0	2	19	8	1	0	1	0	0	1	2	9	10	7	1	9	12	8	0	3	0	1	2	2	6	10			
	15	15	1008.9	-	9.3	1.2	9.9	83	7.1	0	0	2	16	12	0	0	0	0	0	4	10	10	6	3	8	11	10	0	1	0	1	2	2	19	3				
	21	21	1009.9	-	8.7	1.1	9.7	86	5.9	0	4	9	4	11	2	0	1	0	1	0	1	10	6	11	1	7	13	8	1	1	3	0	4	1	14	5			
MOUNT BATTEN	28	3	1010.0	-	9.2	0.8	10.4	89	6.3	0	3	4	8	15	0	0	0	0	1	3	8	8	10	0	1	3	18	10	0	4	0	2	0	2	8	10	4		
	9	9	1010.4	-3.4	8.8	0.7	10.3	90	6.5	0	3	3	15	9	0	0	0	0	3	10	8	9	1	1	4	13	10	2	4	0	1	0	2	7	8				
	15	15	1010.6	-	10.4	1.5	10.3	81	6.7	0	0	6	15	9	0	0	0	0	3	0	0	11	13	3	1	4	14	10	1	1	0	1	2	4	7	11			
	21	21	1011.3	-	9.2	1.0	10.1	87	5.7	2	3	5	11	9	0	0	0	0	2	6	7	13	0	0	5	9	16	0	1	2	3	0	2	6	10				
PRIMLE POINT	-	3	-	-	-	-	-	-	3.2	1	2	7	2	18	0	0	1	0	2	0	6	14	7	0	4	6	16	4	0	2	1	0	0	1	3	19	4		
	9	9	-	-	-	-	-	-	6.5	0	1	8	9	14	0	0	0	0	2	4	14	8	0	5	10	7	8	0	1	1	0	0	0	4	18	8			
	15	15	-	-	-	-	-	-	6.5	0	2	8	14	0	0	1	0	1	0	1	4	11	12	0	5	11	5	8	3	2	0	1	0	2	2	15	5		
	21	21	-	-	-	-	-	-	5.8	2	4	4	6	14	0	0	0	0	0	2	3	15	10	0	5	7	12	6	0	0	3	2	0	3	4	19	6		
CORNWALL																																							
GWEHNAF HEAD	70	3	1009.5	-	9.7	1.0	10.5	87	5.8	0	4	7	7	9	3	0	0	1	2	0	3	3	18	3	2	11	13	4	0	3	0	1	0	0	15	5	8		
	9	9	1010.0	-	9.6	1.0	10.5	87	6.7	0	0	6	12	10	2	0	0	0	2	0	1	9	5	11	2	3	11	12	3	1	3	1	0	0	12	6	8		
	15	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	21	21	1010.5	-	9.7	1.1	10.3	85	6.0	0	5	5	9	10	1	0	0	0	1	0	3	8	16	3	3	6	17	4	0	0	2	2	0	3	11	5	7		
ST NAWOAN	107	3	1010.1	-	8.4	0.8	9.8	86	6.5	0	0	9	7	14	0	0	0	0	1	0	3	6	16	1	1	5	11	12	1	2	0	1	0	6	7	7	4		
	9	9	1010.4	-3.0	8.6	0.7	10.2	90	6.9	0	0	4	13	11	2	0	2	0	1	0	3	7	13	3	0	6	12	10	0	4	0	0	2	6	7	5			
	15	15	1010.7	-	9.8	1.3	10.1	83	6.9	0	0	4	18	7	1	0	0	2	0	3	2	6	12	5	0	5	15	10	0	1	0	2	1	2	5	14	5		
	21	21	1011.3	-	8.6	0.8	10.0	89	6.5	0	1	7	9	12	1	0	0	2	0	1	0	6	18	10	0	6	12	12	0										



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	26	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	0	21	9	0	0
LERWICK (SCREEN)	0	3	27	0	0	0	0	0	0	0	0	1	13	16	0	0	KEM (PSYCHROMETER)	0	0	12	18	0	0	0	0	0	0	0	0	2	12	16	0	0
STORNOWAY	0	1	24	5	0	0	0	0	0	0	0	0	2	21	7	0	0	KEM (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	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	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	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	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	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	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	HALDERGROVE	0	0	24	6	0	0	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	ARMAGH	0	0	23	7	0	0	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	HOURS OF NO RECORD	MEAN HOURLY WIND SPEED (KT)	HOURLY WIND				GUST																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
				DATES OF OCCURRENCE					NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	YEAR FROM N			SPEED-KT	DAY	HOUR BEGINNING	YEAR FROM N	SPEED-KT	DAY	TIME																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
0 SCOTLAND NORTH																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						



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 100L	ABOVE 100L EFFECTIVE	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		DUST		DAY	TIME			
					DATES OF OCCURRENCE	NUMBER OF HOURS	NUMBER OF DAYS	NUMBER OF HOURS	YEAR FROM N	SPEED-KT	DAY	HOUR FROM 0000	YEAR FROM N	SPEED-KT											
CONTINUATION OF DISTRICT 3 EAST ANGLIA																									
HERTFORDSHIRE	DARSTON	94 15 10							0	1	1	118	421	180	0	6.6	280	23	28	06	280	41	28	0612	
	ROTHAMSTED	141 13 10							0	0	0	109	316	295	0	5.6	290	19	28	05	210	49	14	1148	
ESSEX	SHOEBURYNNESS	36 32 28	11	13	14				23	12	103	412	164	18	0	15.4	210	39	14	12	210	56	14	1236	
	STANSTED	108 10 10							0	3	10	229	385	96	0	9.0	270	25	28	03	200	45	14	1400	
4 MIDLAND COUNTIES																									
SOUTH YORKSHIRE	FINNINGLEY	19 10 10							0	8	50	223	353	94	0	10.2	290	30	28	02	280	55	27	1324	
	SHEFFIELD	160 25 11							0	3	6	123	293	298	0	6.0	300	24	28	03	280	53	27	1318	
NOTTINGHAMSHIRE	WATNALL	130 13 10							0	6	20	251	358	91	0	9.5	250	26	25	01	250	47	25	0130	
STAFFORDSHIRE	KEELE	215 15 10							0	0	0	84	327	309	0	5.1	260	21	25	01	280	48	27	1424	
LEICESTERSHIRE	COTTESMORE	143 13 13							0	9	65	328	290	37	0	12.2	250	33	25	01	270	61	27	1430	
SALOP	SHAMBURY	84 12 10							0	6	24	203	340	153	0	8.7	270	26	25	00	240	49	14	0112	
WEST MIDLANDS	BIRMINGHAM																								
	EDGBASTON	196 36 22							0	4	5	189	323	203	0	7.8	230	23	11	00	300	45	27	1430	
	ELDMON AIRPORT	104 10 10							0	6	49	206	361	104	0	9.7	290	29	28	02	280	50	27	2254	
HEREFORD & WORCS	PERSHORE	47 10 10							0	9	54	279	280	107	0	10.4	200	30	11	02	160	47	13	1812	
GLOUCESTERSHIRE	FAIRFORD	88 10 10							0	8	39	253	324	104	0	10.1	200	28	14	12	260	52	27	1706	
OXFORDSHIRE	ABINGDON	90 12 12							0	3	14	212	353	141	0	8.7	220	25	11	03	280	46	28	0430	
	BRIZE NORTON	91 13 10							0	5	17	192	357	154	0	8.3	210	24	14	14	200	47	14	1400	
5 ENGLAND SOUTHEAST & CENTRAL SOUTHERN																									
GREATER LONDON	HAMPTON	42 31 30							0	5	37	187	337	159	0	8.6	220	27	11	03	210	54	14	1024	
	HEATHROW AIRPORT	34 10 10							0	3	6	167	451	96	0	8.4	190	23	13	20	300	38	28	1100	
	KEN	28 23 15							0	3	13	196	382	129	0	8.5	210	24	11	08	300	61	14	1018	
	LONDON WEATHER CENTRE	93 70 38							0	6	40	318	329	33	0	11.1	200	27	13	22	240	55	14	1036	
	POST OFFICE TOWER	174																							
WILTSHIRE	BOSCOMBE DOWN	130 17 17							0	9	79	269	343	29	0	11.6	280	30	28	05	290	45	27	1606	
	LARKHILL	145 13 10							0	6	55	239	323	103	0	10.0	260	27	15	200	54	14	1212		
	MIDDLE WALLOP	94 10 10							0	6	48	223	358	91	0	9.8	190	30	13	20	220	51	14	1042	
	PORTON	120 10 10							0	8	69	207	377	67	0	10.4	190	33	13	20	190	50	13	1848	
KENT	DUNGENESS	16 10 10	11	13	24				5	11	127	397	163	28	0	15.1	220	35	11	10	220	54	11	0930	
	ISLE OF GRAIN	15 12 10	14						1	8	81	340	223	72	3	12.2	210	34	14	10	280	51	27	0548	
	MANSTON	62 18 18	11	14					6	9	69	355	267	23	0	12.8	220	36	14	13	220	53	14	1312	
HAMPSHIRE	FARNBOROUGH	75 10 10							0	3	15	175	428	102	0	8.4	210	24	14	12	190	52	14	0106	
WEST SUSSEX	GATWICK AIRPORT	69 10 10							0	5	30	225	332	133	0	9.2	200	26	13	19	200	47	13	2148	
	THORNEY ISLAND	16 10 10							0	8	59	286	302	73	0	11.0	190	33	13	21	220	52	11	0936	
7A ENGLAND NORTHWEST AND ISLE OF MAN																									
CUMBRIA	CARLISLE	41 13 9							0	5	29	228	335	128	0	8.9	250	29	9	22	210	53	11	0000	
	GREAT DUN FELL	857 10 10	8-11	13	14	24	25	27	30	117	23	278	238	69	18	0	23.3	250	62	11	00	260	75	11	0100
	MOOR HOUSE	595 13 12	9-11	14	24	25	27			19	18	171	266	197	66	1	15.2	270	43	10	01	270	69	10	0106
	SELLAFIELD	25 12 11	24							3	9	82	241	259	135	0	10.7	280	36	24	22	280	54	24	2236
LANCASHIRE	FLEETWOOD	34 15 9	24	25	27	28				23	8	64	157	257	219	0	9.7	270	46	24	23	260	71	24	2318
	SQUIRES GATE AIRPORT	22 12 11	24	25						3	8	100	233	298	86	0	11.9	250	37	24	22	260	55	24	2254
MERSEYSIDE	RIOBURTH	38 23 11	24	25	27	28				4	9	62	242	336	76	0	11.2	300	35	28	00	280	58	27	2142
	SOUTHPORT	19 14 11																							
	SPEKE AIRPORT	30 10 10								0	7	58	243	317	102	0	10.7	280	33	25	00	290	55	25	0124
GREATER MANCHESTER	MANCHESTER																								
	RINGWAY AIRPORT	80 10 10								0	8	46	204	312	158	0	9.3	290	29	28	01	290	60	27	2124
	WEATHER CENTRE	82 45 17								0	5	15	213	363	129	0	8.7	280	28	25	00	280	61	25	0024
ISLE OF MAN	POINT OF AYRE	20 10 10	10	24	25	27	28			15	13	146	340	201	18	0	15.4	300	44	24	23	300	64	25	0048
	RONALDSWAY	25 10 10	10	14	24	25				13	12	154	288	208	57	0	14.7	280	36	24	23	270	58	24	2142
7B WALES NORTH																									
GWYNEDD	VALLEY	26 16 12	10	11	14	24	25	27	28	40	15	164	276	196	44	0	16.1	220	42	10	23	200	59	14	0500
8A WALES SOUTH																									
DYFED	ABERPORTH	144 10 10								0	13	106	425	182	7	0	14.9	290	33	28	02	220	50	13	2212
	MILFORD HAVEN	47 10 10								0	7	44	318	289	62	7	11.1	210	32	14	05	220	58	14	0548
WEST GLAMORGAN	PORT TALBOT	28 12 11	27							3	8	68	255	259	135	0	10.5	290	36	27	17	290	57	27	1748
SOUTH GLAMORGAN	RHOOSE AIRPORT	74 10 10								0	8	52	273	320	75	0	10.9	280	30	27	14	280	51	27	1406
8B ENGLAND SOUTHWEST																									
DORSET	MURN AIRPORT	23 13 11								0	9	64	231	297	128	0	10.2	190	33	13	21	190	51	13	2024
	PORTLAND BILL CO	60 13 13	13	25	27	28				22	15	186	365	127	20	0	17.3	300	40	28	07	300	58	28	0824
DEVON	CHIVENOR	22 16 13	RECORDS DISCONTINUED																						
	MOUNT BATTEN	64 13 13	10	11	13	14				27	13	89	313	234	57	0	13.6	190	40	13	11	190	60	13	1436
CORNWALL	LIZARD	96 23 18	10-14	23	27					57	23	259	315	77	8	4	20.4	230	44	13	10	280	77	13	2312
	ST MARGAN	120 13 13	27	28						9	14	134	285	254	38	0	13.9	310	36	28	00	310	48	28	0212
	SCILLY (ST. MARY'S)	70 20 17	11	12	27	28				13	18	212	315	132	48	0	16.7	290	37	27	14	220	61	13	2118
CHANNEL ISLANDS																									
	JERSEY AIRPORT	98 18 12	27	28						11	11	96	458	146	9	0	15.0	290	35	27	21	290	54	27	2136
NORTHERN IRELAND																									
LONDONDERRY	COLERAINE UNIVERSITY	33 10 10	DEFECTIVE RECORD																						
ANTRIM	ALDERGROVE	80 10 10	24							1	7	46	293	294	86	0	10.6	260	36	24	19	260	60	24	1848
	BALLYPATRICK FOREST	166 13 13	9	24						9	12	125	371	129	86	0	14.1	280	39	24	19	290	65	24	2006
	BELFAST HARBOUR	21 18 18	24	28						6	11	98	297	205	102	12	12.0	270	38	24	21	280	54	24	2324
DOWN	KILKEEL	3																							



Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.



# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

**DECEMBER 1974**

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 Inverpoll (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 Camusroary (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.

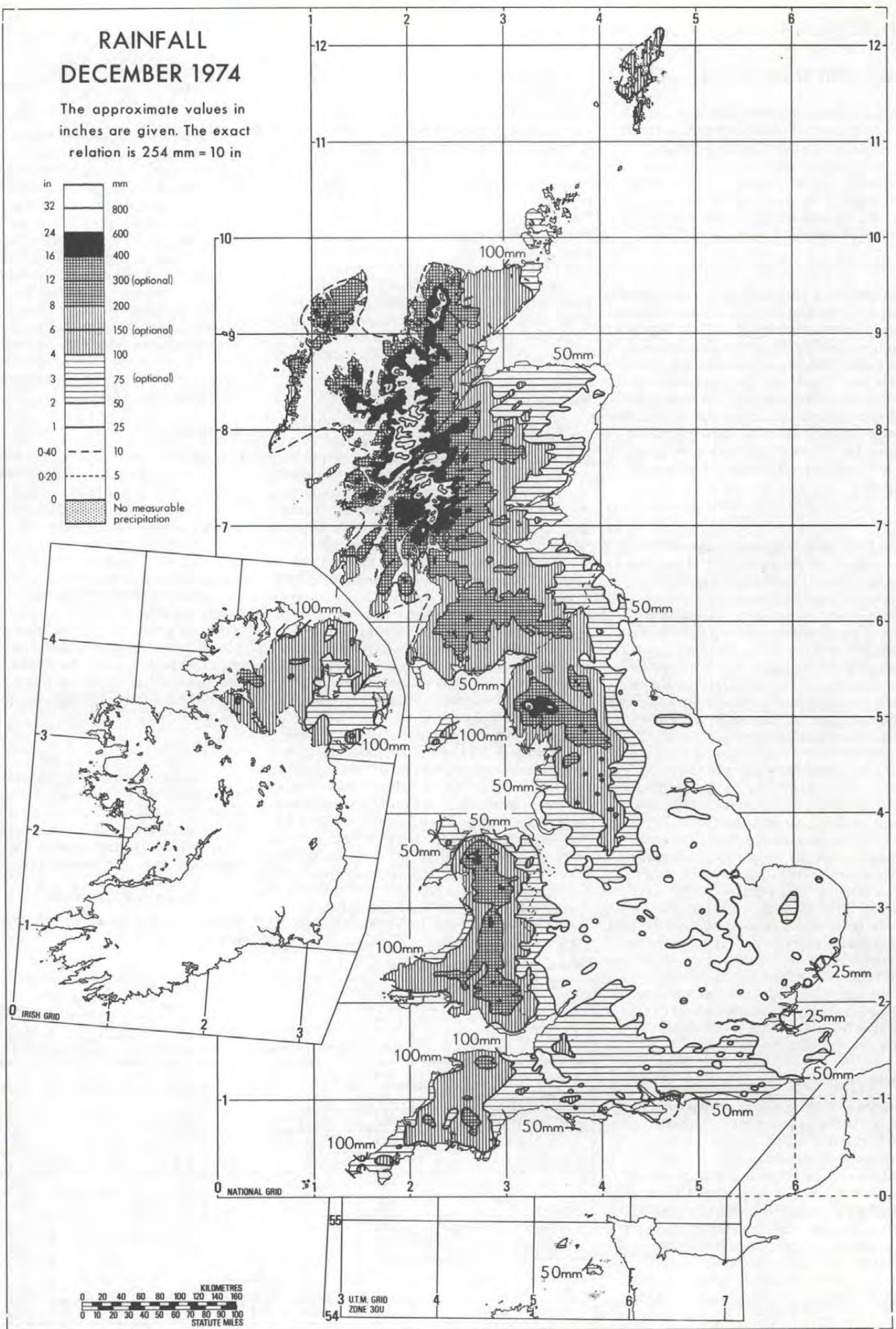
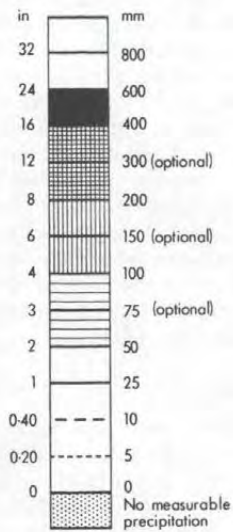
### Miscellaneous Phenomena

The Aurora was observed in Scotland on 11 nights.

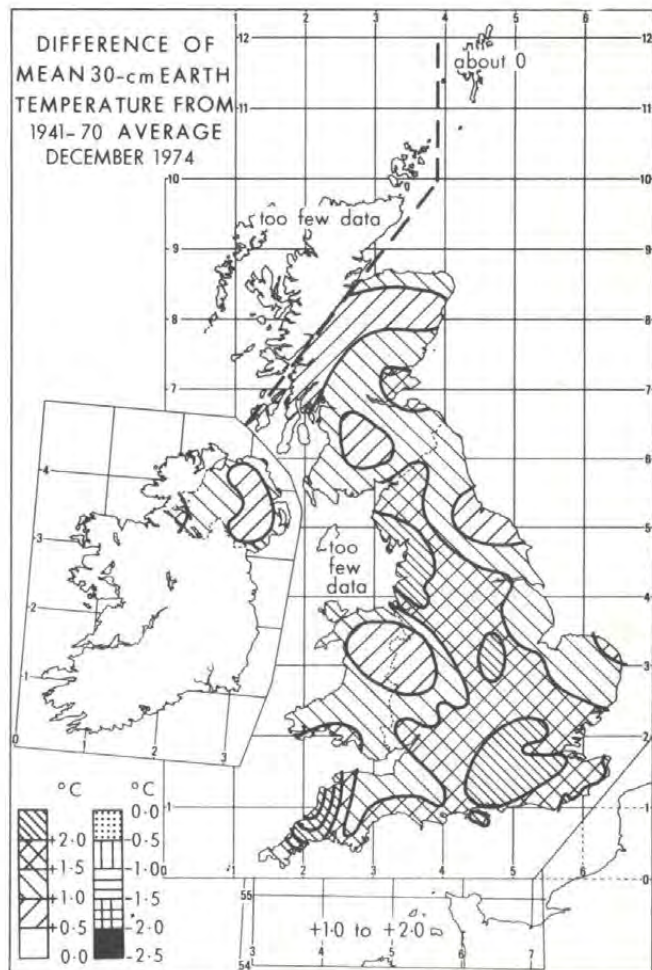
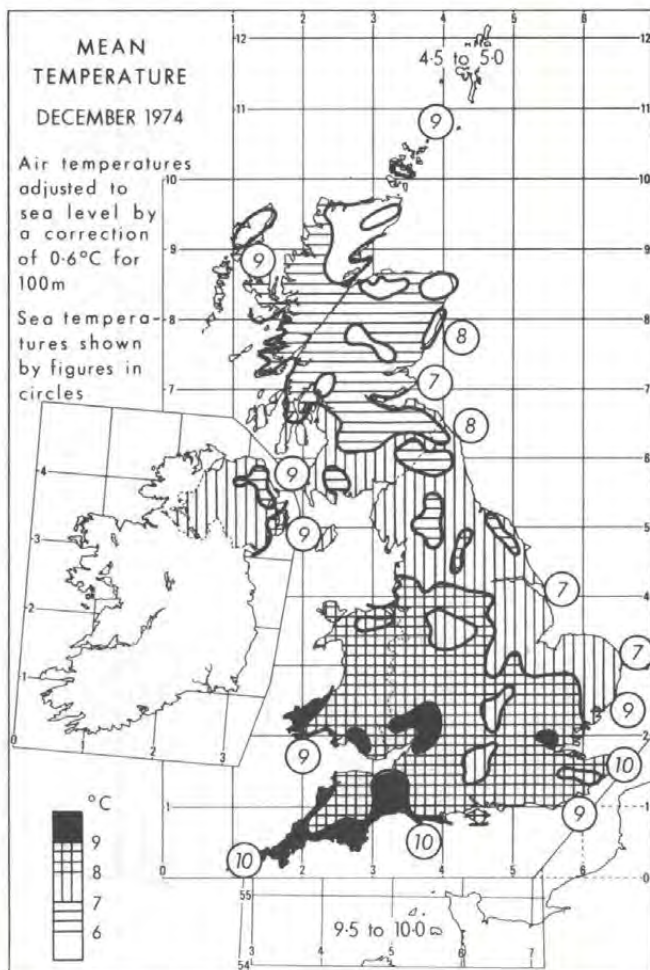
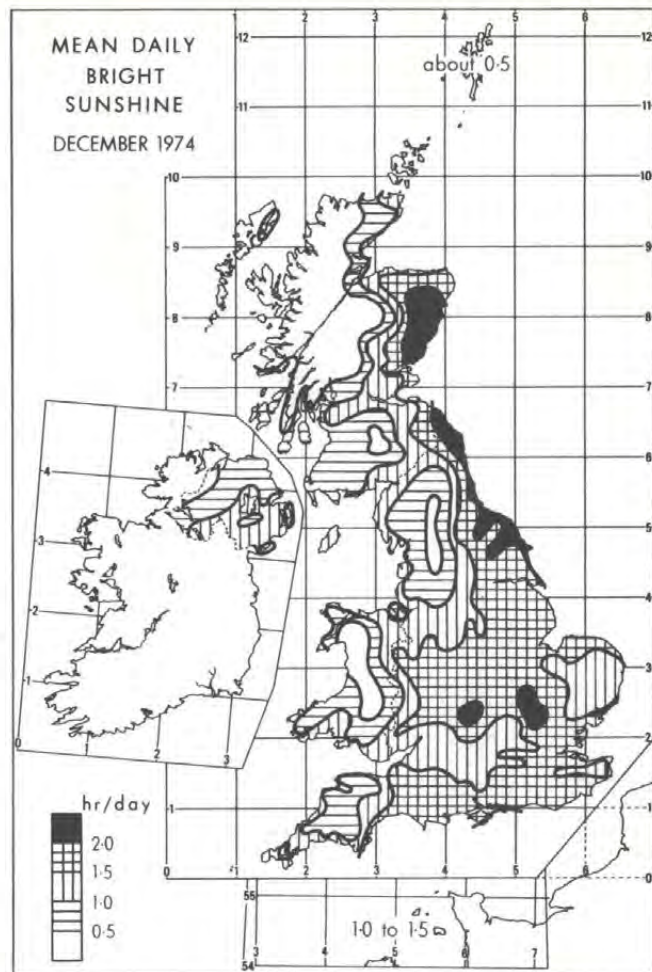
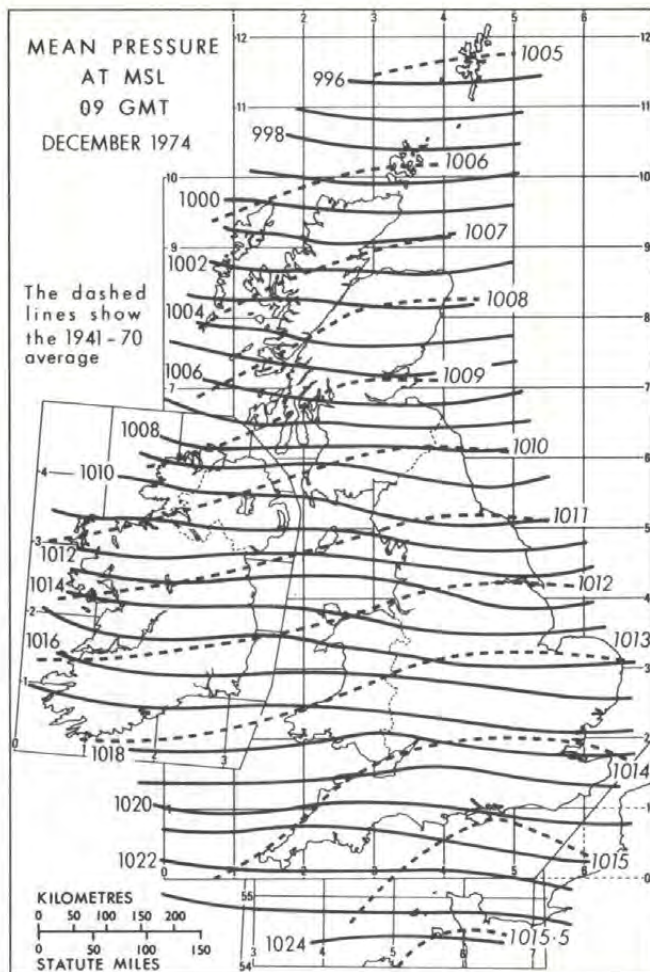


# RAINFALL DECEMBER 1974

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









SEE ANNUAL SUMMARY.

TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 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	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 FROST BELOW 0 DEG C	CONCRETE FROST BELOW 0 DEG C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																							
0 SCOTLAND N																																	
ZETLAND																																	
BAL TASOUND ...	9 9	24	6.4	1.7	4.1	0.0	9.3	30	-4.1	13	5.1	-	252	187	31	19	31	30	15	2	0	2	0	0	7	-	14	0.32	103	S			
LERWICK	21 9	82																															
PSYCHROMETER ...			5.9	2.6	4.3		9.4	1	-3.9	12			197	-	23	19	31	28	11	4	2	13	0	6	13	11	11	0.50	100	-	-	-	
SCREEN ...			6.3	2.7	4.5	+0.5	9.7	1	-4.6	12																							
ORKNEY																																	
KIRKALL AIRPORT ...	21-9	26	6.9	3.6	5.3	+1.0	10.7	30	-2.0	11			147	-	18	9	30	26	12	1	8	5	0	0	4	8	8	3	0.42	55	-	-	-
STENNESS ...	9 9	23																															
SULE SKERRY ...	21-9	13																															
CAITHNESS																																	
DOUNREAY ...	9 9	21	8.7	2.5	5.6	-	12.8	23	-4.0	13			116	-	14	4	27	24	4	0	0	2	0	1	3	11	-	4	0.87	-	-	-	
KEISS ...	9 9	30	7.5	2.2	4.9	-	12.2	30	-3.0	13	4.3	5.6	87	-	11	17	26	20	8	3	5	3	0	0	6	15	-	0	1.30	-	-	-	
WICK ...	21-9	36	6.9	3.2	5.1	+1.0	12.3	23	-2.8	11			81	94	10	26	24	18	12	3	0	11	0	0	6	13	12	0	1.14	110	-	-	-
SUTHERLAND																																	
CAPE WRATH ...	21-9	112	7.5	3.9	5.7	+0.4	12.5	23	-2.0	12			214	175	14	3	31	29	15	1	6	9	1	1	4	3	3	15	0.24	-	S	-	
LAIRG ...			7.6	2.0	4.8	-	13.1	23	-3.5	12	4.1	5.6	196	-	16	16	31	30	14	7	7	0	1	0	8	20	-	0	0.66	-	-	-	
STRATHY ...	9 9	37	8.0	2.4	5.2	+1.6	13.0	23	-2.2	13			151	-	15	4	31	28	11	2	3	0	1	0	4	-	8	0.57	81	S	-	-	
ROSS & CROMARTY																																	
ACHNASHELLACH ...	9 9	67	18.6	3.1	5.9	12.2	15.5	23	-2.8	12			605	238	55	6	31	31															
BALMACARRA ...	9 9	4											371	-	351	25	31	31															
CONTINICRAIGDARROCH ...	9 9	38	8.6	2.6	5.6	-	13.7	1	-3.0	12			208	-	21	25	29	26	14	4	1	0	0	0	5	11	-	0	-	-	-	-	
FORTROSE ...	9 9	5	8.8	3.2	6.0	+1.5	13.0	23	-1.5	12			114	187	16	25	25	20	6	1	0	0	0	0	3	-	0	0.81	76	-	-	-	
INVERPOLLY ...	9 9	14	9.1	4.0	6.5	-	15.3	23	-2.0	12	6.2		243	-	22	6	31	30	8	2	11	2	6	4	3	-	0	0.21	-	S	-	-	
KINLOCHENE ...	9 9	23	9.1	3.7	6.4	-	14.5	23	-0.6	11,13			554	-	47	19	30	30	4	3	0	1	0	0	3	12	-	0	0.18	-	-	-	
POOLENE ...	9 9	6	9.1	4.2	6.7	-	15.0	23	0.5	11,12,13			341	-	65	6	31	31	2	0	0	0	1	0	0	8	-	1	0.30	-	-	-	
RUBH RE ...	21-9	16	8.7	5.1	6.9	-	12.1	23	0.0	12			220	-	21	21	31	29	7	0	0	6	0	0	0	1	0	12	-	-	-	-	
STORNOWAY ...	21-9	3	7.6	3.8	5.7	+0.8	11.7	23	-2.1	11			211	-	20	21	31	31	11	1	3	12	0	0	3	10	9	7	0.55	67	-	-	-
STRATHCONON ...	9 9	107	8.4	2.7	5.5	-	13.8	22	-3.0	12			293	-	26	25	30	29	-	3	-				4	20	-	-	-	-	-	-	
TARBATNESS ...	21-9	18	7.7	3.7	5.7	+1.5	13.2	7	-2.3	17			94	-	13	10	26	17	3	1	0	0	0	0	5	-	1	-	-	-	-	-	
INVERNESS																																	
BENBECULA ...	21-9	6	8.3	5.0	6.7	+1.0	12.6	23	-1.2	11			197	-	12	25	31	30	6	0	7	5	0	0	1	2	3	10	0.52	58	-	-	-
CORPACH ...	9 9	8	9.7	4.1	6.9	-	14.7	23	-0.5	11,12			481	-	37	19	31	31	2	3	4	0	0	0	4	11	-	0	-	-	-	-	
DALWHINNIE ...	9 9	351	5.8	1.1	3.9	-	11.3	1	-5.8	12			271	-	24	16	30	27	18	7	0	0	0	0	8	11	-	5	0.33	-	S	-	-
GLENMORE LODGE ...	9 9	341	7.1	1.4	4.3	-	12.7	1	-5.6	13			129	-	16	23	29	22	11	8	0	0	0	0	10	22	17	0	0.22	-	S	-	-
INVERNESS ...	9 9	4	9.1	3.8	6.5	-	14.0	7	-1.1	13			103	-	14	25	27	19	5	1	0	0	0	0	2	10	-	0	1.00	-	-	-	-
ISLE OF RHUM ...	9 9	5	9.4	4.4	6.9	-	12.4	22,23	-0.2	12,13	6.3	7.4	385	-	38	25	31	31	1	1	1	6	0	0	2	14	-	15	0.28	-	-	-	-
LAGGANLIR ...	9 9	250	7.2	1.7	4.5	-	12.3	1	-4.8	13			121	-	15	25	28	23	13	8	0	1	0	0	10	16	-	0	-	-	-	-	-
ONICH ...	9 9	15	8.8	3.6	6.2	+1.7	14.0	22	-1.0	11,12,13			514	-	40	30	31	31	-	2	-												
PRABOST ...	9 9	67	8.3	3.4	5.9	-	11.3	23	-1.7	12			342	-	29	25	31	31	2	1	2	15	1	0	3	17	-	10	0.40	-	-	-	-
1 SCOTLAND E																																	
NAIRN																																	
NAIRN ...	9 9	6	8.5	3.2	5.9	+2.0	13.6	23	-2.2	11			88	-	15	4	24	19	7	2	0	1	0	0	3	9	-	0	1.18	102	-	-	-
MORAY																																	
ELGIN ...	9 9	15	8.6	3.3	5.9	-	14.0	23	-1.0	11,13			69	-	14	17	21	16	-	2	-	-	-	0	3	7	-	-	1.29	-	S	-	-
FORRES ...	9 9	50	8.4	3.6	6.0	+2.3	13.5	1	-1.6	12	4.4	5.5	70	-	12	25	23	17	7	3	0	0	0	0	4	18	-	2	1.47	109	-	-	-
GORDON CASTLE ...	9 9	32	8.7	3.5	6.1	+2.1	14.3	23	-1.5	11			65	94	15	17	22	14	6	4	0	0	0	0	-	3	-	0	1.81	166	-	-	-
GRANTOWN-ON-SPEY ...	9 9	229	7.3	1.7	4.5	-	12.4	23	-5.1	13			70	-	14	17	26	15	9	7	0	0	0	0	9	21	-	1	1.36	-	-	-	-
KINLOSS ...	21-9	5	8.1	4.1	6.1	+2.1	14.2	23	-2.5	11	5.8		61	-	10	25	23	17	9	2	0	2	0	0	4	13	8	3	1.28	-	-	-	-
LOSSIEMOUTH ...	9 9	6																															
BANFF																																	
BANFF ...	9 9	24	8.5	3.4	5.9	-	14.1	1	-1.6	12			49	-	8	26	17	12	-	1	-	-	-	0	4	-	-	1.19	-	S	-	-	-
GLENLIVET ...	21-9	215	7.0	3.2	5.1	-	13.1	1	-4.1	26			90	-	19	17	22	19	11	4	0	0	0	0	7	15	16	1	1.57	-	S	-	-



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

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DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL (HOUR) 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 2-8)	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 9H	HAIL	ICE PELLETS, ETC.	THUNDER	FOG AT 9H	AIR FROST	GRASS FROST	WETTING OF GRASS	WETTING OF ROADS	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE							0-2 MM OR MORE	2-10 MM OR MORE															
1 SCOTLAND E -CONTINUED																																	
ABERDEEN																																	
ABERDEEN																																	
DYCE AIRPORT ...	21-9	58	8.0	3.2	5.6	+2.3	14.5	7	-3.3	11	-	-	40	11	26	12	9	8	3	0	0	0	0	0	0	0	0	0	2.12	144	-	-	
MANNOFIELD ...	9-9	52	8.5	1.6	5.1	+1.4	13.8	7	-3.6	11	-	-	32	44	9	26	17	8	5	3	0	0	0	0	0	0	0	0	2.29	156	-	-	
BALMORAL ...	283	7.8	2.1	4.9	+3.2	(12.9)	1	-3.2	11	-	-	-	77	87	12	23	23	18	7	0	0	0	0	0	0	0	0	0	-	-	-	-	
BREMAR ...	339	7.2	2.1	4.7	+3.0	12.1	1	-3.5	13	-	-	-	120	122	18	23	25	20	0	0	0	0	0	0	0	0	0	0	0.91	142	-	-	
CRAIBSTONE ...	91	8.3	2.6	5.5	+2.0	14.0	7	-2.6	13	-	-	-	35	46	11	26	12	8	3	3	0	0	0	0	0	0	0	0	2.43	158	-	-	
DINNET ...	177	8.3	1.6	4.9	-	13.7	1	-4.5	13	-	-	-	32	9	17	17	10	11	0	0	0	0	0	0	0	0	0	0	2.44	-	-	-	
FRASERBURGH ...	21-9	18	8.3	3.9	6.1	-	13.0	1.30	-1.5	13	-	-	45	11	26	18	10	5	1	0	0	0	0	0	0	0	0	0	1.45	-	-	-	
FYVIE CASTLE ...	9-9	66	8.1	1.9	5.0	-	13.5	1	-5.0	11	-	-	52	63	12	17	19	11	3	0	0	0	0	0	0	0	0	0	-	-	-	-	
GARTLY ...	9-9	146	8.1	2.7	5.4	-	13.2	7	-2.6	13	-	-	59	22	17	19	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
INVERURIE SEWAGE WORKS ...	9-9	54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
KINCARDINE																																	
BANCHORY ...	8-8	77	8.9	3.2	6.1	-	14.0	1.7	-2.7	11	-	-	27	-	8	17	15	7	8	3	0	0	0	0	0	0	0	0	2.21	-	-	-	
FETTERCAIRN ...	9-9	171	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
STONEHAVEN ...	9-9	4	8.6	2.7	5.7	+1.8	13.2	1	-2.3	12	-	-	42	-	11	26	12	11	2	2	0	0	0	0	0	0	0	0	2.53	176	-	-	
ANGUS																																	
ARBROATH ...	9-9	28	8.7	3.8	6.3	-	12.7	1	-3.6	13	-	-	48	-	7	15	17	14	1	1	0	0	0	0	0	0	0	0	2.31	152	-	-	
BUDDON NESS ...	9-9	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DUNDEE ...	9-9	45	8.6	3.8	6.2	+2.6	12.8	23	-1.9	13	-	-	55	86	10	25	19	13	4	2	0	0	0	0	0	0	0	0	1.87	127	-	-	
MONTROSE ...	9-9	57	8.4	2.8	5.6	-	13.1	1	-2.3	13	-	-	44	68	11	26	19	10	3	2	0	0	0	0	0	0	0	0	2	-	-	-	
MYLNEFIELD ...	9-9	30	8.7	3.3	6.0	-	13.0	1	-4.1	13	-	-	55	-	10	25	20	13	3	0	0	0	0	0	0	0	0	0	2.01	-	-	-	
USAN ...	21-9	30	7.9	3.6	5.7	-	12.6	1	-2.4	13	-	-	36	-	8	26	14	10	1	1	0	0	0	0	0	0	0	0	2.31	-	-	-	
WHITEHILLOCKS ...	9-9	258	8.1	2.1	5.1	-	13.0	7	-5.0	13	-	-	116	-	23	26	23	14	5	5	0	0	0	0	0	0	0	0	-	-	-	-	
PERTH																																	
ABERFOYLE ...	9-9	27	9.0	3.2	6.1	-	12.5	1	-3.5	13	-	-	345	-	35	25	31	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARDATHAL ...	9-9	130	8.5	3.5	6.0	-	12.2	1	-1.9	13	-	-	227	-	22	25	31	25	7	3	0	0	0	0	0	0	0	0	0	0.26	-	-	-
ASHINTULY CASTLE ...	9-9	341	6.3	1.1	3.7	-	10.8	1	-4.6	13	-	-	117	-	12	17	24	20	10	13	0	0	0	0	0	0	0	0	-	-	-	-	
BLAIRGOWRIE ...	9-9	70	8.6	2.1	5.3	-	13.5	7	-5.9	13	-	-	80	-	12	16	20	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CALLANDER ...	9-9	107	8.5	2.6	5.5	-	11.6	24	-3.0	13	-	-	340	-	32	25	31	29	7	4	0	0	0	0	0	0	0	0	1	-	-	-	
DALL ...	9-9	232	7.5	1.6	4.5	-	12.6	1	-4.9	12	-	-	293	-	29	16	31	30	15	11	0	0	0	0	0	0	0	0	0	-	-	-	-
DRUMMOND CASTLE ...	9-9	113	8.7	2.9	5.8	-	12.9	7	-3.1	13	-	-	222	-	28	25	26	22	4	3	0	0	0	0	0	0	0	0	0.75	-	-	-	
DUNBLANE ...	-	80	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
FASKALLY ...	9-9	94	8.5	2.2	5.3	-	13.4	1	-3.7	13	-	-	157	-	27	16	27	22	9	7	0	0	0	0	0	0	0	0	0	-	-	-	
GLENAGLES ...	9-9	152	8.5	2.0	5.3	-	12.3	1	-4.5	13	-	-	166	-	21	25	30	23	6	-	0	0	0	0	0	0	0	0	2	1.08	-	-	
KINDROGAN ...	9-9	259	7.3	1.4	4.3	-	12.0	1	-4.4	12	-	-	152	-	24	16	27	24	12	11	0	0	0	0	0	0	0	0	4	-	-	-	
PERTH ...	9-9	23	9.5	3.9	6.7	+3.4	14.4	8	-1.7	13	-	-	78	99	16	25	21	15	1	0	0	0	0	0	0	0	0	0	0	1.46	136	-	-
PITLOCHRY ...	9-9	144	7.9	2.2	5.1	-	12.8	1	-3.9	13	-	-	141	-	23	16	30	23	6	5	0	0	0	0	0	0	0	0	0	1.21	-	-	-
STRATHALLAN ...	9-9	41	9.2	3.6	6.4	-	13.6	1	-1.9	13	-	-	96	-	15	25	23	18	4	3	0	0	0	0	0	0	0	0	0	-	-	-	
KINROSS																																	
KINROSS ...	9-9	116	-	2.8	-	-	-	-	-2.0	12	-	-	127	-	14	26	26	22	-	0	-	-	-	-	-	-	-	-	-	1.03	-	-	
FIFE																																	
BELLISTON ...	9-9	82	8.3	3.7	6.0	-	12.4	1	-3.9	13	-	-	68	-	10	26	19	14	2	1	0	0	0	0	0	0	0	0	2	-	-	-	
GLENROTHES (GLENWOOD) ...	9-9	117	8.1	3.0	5.5	-	12.6	23	-2.5	13	-	-	108	-	13	26	26	22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
KIRKCALDY ...	9-9	32	9.1	4.1	6.6	+3.0	13.5	2	0.2	13	-	-	99	-	15	25	20	19	4	0	0	0	0	0	0	0	0	0	1	1.44	-	-	
LEUCHARS ...	21-9	10	8.4	4.0	6.2	+2.3	13.6	1	-3.6	13	-	-	88	-	7	25	19	12	5	2	0	0	0	0	0	0	0	0	10	1.35	113	-	-
PITREAVIE ...	21-9	40	8.5	4.9	6.7	-	13.5	23	-2.0	13	-	-	103	-	15	16	27	19	4	1	0	0	0	0	0	0	0	0					



DISTRICT COUNTY AND PLACE		MAX. TERMINAL HEIGHT OF STATION ABOVE MSL (FEET)	HEIGHT OF STATION ABOVE MSL (FEET)	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	DEW MIN. OF 26.0 C	FROST MIN. OF 26.0 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															
6 SCOTLAND W																																		
ARGYLL																																		
ACHAGLACHGACH		9 9	12	9.0	4.4	6.7	-	12.4	1	-0.4	13.18	-	-	247	19	25	30	30	4	2	3	3	1	1	1	9	4	-	-	-	-	-	-	
AROS		9 9	37	9.4	4.0	6.7	-	12.6	22	0.1	12	-	-	343	25	30	31	31	1	0	0	7	2	0	0	10	12	-	-	-	-	-	-	
BENMORE (YOUNGER)		9 9	12	9.2	4.5	6.9	-	13.0	1	-0.5	13	-	-	441	29	25	31	31	4	2	3	3	1	1	1	9	4	-	-	-	-	-	-	
BOTANIC GARDEN		9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
COLONSAY		9 9	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
DUNSTAFFNAGE		9 9	3	9.1	4.6	6.9	-	12.2	1	0.4	11	-	-	307	27	19	31	31	4	0	1	6	2	0	0	16	3	-	-	-	-	-	-	
GLENBRANTER		9 9	24	9.5	3.9	6.7	-	13.8	23	-0.5	12	-	-	425	32	19	31	31	3	1	4	1	2	0	0	13	4	-	-	-	-	-	-	
KNOXDALE FOREST		9 9	40	9.1	4.3	6.7	-	12.2	1	0.5	11	-	-	281	32	25	31	31	0	0	2	1	2	0	0	11	4	-	-	-	-	-	-	
MACRITHANISH		21-9	10	9.5	5.9	7.7	-	13.3	1	1.2	12-17	-	-	153	16	16	31	27	5	0	2	7	0	0	0	4	2	12	0.96	-	-	-	-	
POLLOCH		9 9	10	9.7	3.9	6.8	-	13.5	1	-0.5	12	-	-	435	16	13	31	31	0	0	0	0	0	0	1	11	-	-	-	-	-	-	-	
PORT ELLEN		9 9	18	9.5	5.1	7.3	-	12.6	1	0.6	11	-	-	158	15	7	31	28	0	0	0	0	0	0	0	0	1	10	-	-	-	-	-	
RHUVAR		21-9	20	9.6	5.2	7.4	-	12.4	1.2	1.4	11	-	-	219	21	31	31	30	0	0	0	2	0	0	0	0	1	10	-	-	-	-	-	
TIREE		21-9	9	8.6	5.5	7.1	+0.9	11.2	1	0.5	11	-	-	179	138	17	28	31	30	5	0	1	14	0	0	0	4	1	11	0.53	56	-	-	
BUTE																																		
BRODICK CASTLE		9 9	15	9.8	5.3	7.5	-	12.8	1	0.6	11	6.7	-	345	40	25	31	31	0	0	5	1	3	0	0	6	5	-	-	-	-	-	-	
KILDONAN		21-9	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
ROTHESAY		9 9	43	9.0	4.7	6.9	-	13.0	1	0.0	11	5.9	6.7	221	15	16	31	31	3	1	1	1	1	0	0	7	0	0.97	-	-	-	-	-	
DUMBARTON																																		
ARROCHMYRE		9 9	37	9.4	4.2	6.8	-	12.7	1	-1.3	13	-	-	279	35	25	31	29	0	0	0	-	0	2	11	-	0.70	-	-	-	-	-	-	
CUMBERNAULD		9 9	94	8.2	3.1	5.7	-	12.5	1	-2.5	11	-	-	183	23	16	29	27	5	3	0	0	0	3	10	-	-	-	-	-	-	-	-	
FELMART		9 9	15	9.8	4.4	7.1	-	12.7	30	0.0	11	-	-	363	26	19	31	31	8	3	5	0	1	0	0	1	1	-	-	-	-	-	-	
HELENSBURGH		9 9	89	8.4	3.7	6.1	+2.2	11.8	1	-1.5	13	-	-	284	29	25	31	31	6	2	0	4	0	2	2	-	0.98	-	-	-	-	-	-	
SLODY		21-9	12	9.3	5.1	7.2	-	14.0	1	-2.0	13	-	-	563	44	19	31	31	9	0	0	4	0	0	1	-	0	-	-	-	-	-	-	
STIRLING																																		
EARLS HILL		21-9	335	6.5	2.0	4.3	-	10.0	1	-3.9	13	-	-	-	-	-	-	-	9	-	0	1	3	2	7	12	11	21	0.81	-	-	-	-	
FALKIRK (SEWAGE WORKS)		9 9	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GRANGE MOUTH																																		
B.P. REFINERY		9 9	2	9.5	4.4	6.9	-	13.6	1	-0.7	13	-	-	115	18	16	27	20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MUNICIPAL CHAMBERS		9 9	4	9.4	4.5	6.9	-	13.3	1	-1.0	13	-	-	119	18	16	27	21	-	-	-	-	-	-	-	1	9	-	-	-	-	-	-	
PARKHEAD		9 9	107	9.3	3.3	6.3	-	13.2	23	-2.0	17	4.7	-	147	18	16	27	25	-	2	-	-	-	0	6	-	-	-	-	-	-	-	-	
STIRLING (BATTERFLATS)		9 9	38	9.2	3.8	6.5	-	12.7	1	-3.0	13	5.3	6.3	167	20	16	28	24	5	3	0	0	0	0	3	14	-	0	1.15	-	-	-	-	
RENFREW																																		
ABBOTSLINCH AIRPORT		21-9	5	8.8	5.1	6.9	+2.7	12.8	1	-0.9	13	-	-	156	19	25	31	25	8	2	2	3	2	0	2	8	8	4	1.21	123	-	-	-	
BARRHEAD		9 9	30	9.3	4.3	6.8	-	13.0	1	-1.4	13	-	-	213	169	37	25	31	3	1	0	3	1	0	1	5	4	-	-	-	-	-	-	
GREENOCK		9 9	61	8.8	4.6	6.7	+1.8	12.0	1	-0.2	11	-	-	277	159	23	19	31	30	4	1	0	2	0	0	1	4	0	0.72	114	5	-	-	
PATISLEY		9 9	32	9.1	4.7	6.9	+2.4	12.7	1	-0.2	11	5.7	7.3	181	151	23	25	31	26	2	1	0	2	0	1	6	-	3	0.96	110	-	-	-	
LANARK																																		
CAMPS RESERVOIR		9 9	295	7.3	2.2	4.7	-	11.4	1	-5.3	11	-	-	200	22	25	28	27	10	4	0	0	0	0	1	6	-	8	0.00	-	-	-	-	
CARNWATH		9 9	208	7.6	2.3	4.9	-	11.7	1	-4.9	13	5.0	-	169	21	9	28	26	9	5	3	0	0	0	0	5	16	11	13	-	-	-	-	
COATBRIDGE		9 9	78	8.3	-	-	-	13.5	23	-	-	-	-	145	26	25	27	25	2	2	0	3	1	0	0	-	0	-	-	-	-	-	-	
CRAWFORD JOHN		9 9	274	7.4	2.2	4.8	-	11.5	1	-5.2	11	5.0	-	-	-	-	-	-	6	3	0	1	1	0	5	11	9	9	0.80	-	-	-	-	
EAST KILBRIDE		9 9	176	8.1	3.1	5.6	-	11.8	1	-1.4	11	-	-	208	22	25	29	26	3	3	0	2	1	-	4	16	4	1	1.10	-	-	-	-	
GLASGOW (SPRINGBURN)		9 9	107	8.2	3.7	5.9	+2.4	12.1	1	-1.4	13	-	-	157	153	20	25	31	26	4	2	2	3	1	1	3	16	3	1.12	132	-	-	-	
LANARK		9 9	152	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
LEADHILLS		9 9	388	6.6	1.8	4.2	-	10.5	1	-6.0	11	-	-	330	36	16	30	29	11	7	1	2	0	0	7	15	9	-	-	-	-	-	-	
SALSBURGH		9 9	275	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
AYR																																		
AUCHINCRIEVE		9 9	45	9.4	4.8	7.1	+2.6	12.9	1	0.4	11-12	6.7	7.3	163	173	18	25	31	28	4	0	0	4	1	0	0	4	0	0.83	69	-	-	-	
CUMNOCK		9 9	99	8.9	3.5	6.2	-	13.4	8	-2.0	11	-	-	202	23	16	30	27	4	0	1	1	1	0	3	8	2	-	-	-	-	-	-	
GIRVAN		9 9	8	9.9	5.9	7.9	-	13.2	1	1.5	11	-	-	129	21	10	31	22	0	0	0	4	0	0	0	0	11	3.68	-	-	-	-	-	
LARGS		9 9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
PRESTWICK		21-9	16	9.0	5.7	7.3	-	13.3	1	0.2	11-12	-	-	140	16	25	30	27	2	0	0	2	1	0	0	3	3	2	0.86	-	-	-	-	-
DUMFRIES																																		
AUCHEN CASTLE		9 9	184	-	-	-	-	-	-	-	-	-	-	251	133	25	31	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DUMFRIES		9 9	49	9.4	4.7	7.1	+3.2	12.6	1	-1.2	13	6.2	6.9	119	13	28	28	24	1	-	0	1	0	0	1	10	3	1.41	116	-	-	-	-	
ESKDALEMUR		21-9	242	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-																



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 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		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 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GRASS FROST C	CONCRETE FROST C	DALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1841-70 AVERAGE	EXPOSURE	
				MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																				
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	18	9	-	1	-	-	-	1	4	17	-	-	1.98	132	-
DURHAM ...	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	-	-	
CLEVELAND	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	-	-	-	
HARTBURN GRANGE	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLEPOOL	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	-	-	
MARTON	9 9	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NORTH YORKSHIRE																															
ASHKHAM BRYAN	9 9	34	10.2	4.0	7.1	-	13.8	2	-1.7	12	-	-	46	96	10	10	28	13	1	0	0	0	0	1	5	14	-	1	1.73	137	5
CANWOOD	9 9	6	10.2	4.6	7.4	-	14.3	28	-1.5	13	6.1	6.9	46	15	10	17	13	1	0	0	0	0	0	0	2	11	-	3	1.71	-	-
FILEY	9 9	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HIGH MOWTHORPE	9 9	175	8.5	(3.4)	(5.9)	-	12.5	28	-1.3	13	5.0	-	30	7	10	15	11	3	2	1	1	0	0	4	12	-	1	(1.75)	-	-	
LEEMING	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	0	6	2	-	2.11	-	-	
MALHAM TARN	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	1	1	0	0	4	12	-	0	-	-	-	
PICKERING	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	-	-	
SCARBOROUGH	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	0	1	0	0	11	4	9	2.00	168
SILPHO MOOR	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	-	-	
WHITBY (COASTGUARD)	21-9	60	9.3	5.0	7.1	-	14.2	27	0.0	12.13	-	-	27	8	10	11	8	3	0	0	0	0	0	0	2	12	-	2	-	-	
YORK (HESLINGTON)	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	-	-	
HUMBERSIDE																															
BRIDLINGTON	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)	-	-	
BRIDG	9 9	3	10.3	4.5	7.4	-	14.2	27	-1.0	13	-	-	33	8	10	14	9	2	1	0	0	0	1	1	12	-	3	-	-	-	
CLEETHORPE	9 9	7	10.2	4.8	7.5	+3.0	14.0	8.27.28	-0.4	12	-	-	25	49	6	10	12	8	0	0	0	0	0	1	-	-	1.93	130	-	-	
HULL	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	-	-	-	
KILNSEA	21-9	12	8.9	5.3	7.1	-	13.3	28	0.0	11	-	-	28	7	11	13	8	4	1	1	0	0	0	1	0	-	10	2.08	-	-	
LINCOLNSHIRE																															
BINBROOK	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	0	0	1	3	9	8	3	1.70	-	-
CANNELL	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	0	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	0	0	0	4	9	-	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	13	-	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	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	3	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	9	1	0	1	0	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	1	1	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	8	5	-	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	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	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	4	12	-	-	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	0	2	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	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	13	-	-	31	67	8	16	11	8	-	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	1	0	2	8	-	0	1.69	-	-	
MONKS WOOD	9 9	40	10.5	5.1	7.8	-	16.0	28	0.2	25	6.6	7.9	18	5	26	12	6	0	0	0	0	0	0	0	12	-	0	1.94	-	-	
WITTERING	9 9	73	9.8	5.7	7.7	-	15.4	28	-0.3	13	-	-	31	11	10	14	10	2	0	1	0	0	0	6	7	4	0	1.91	-	-	
WYTON	21-9	40	10.2	6.1	8.1	-	16.1	28	0.2	13	-	-	30	9	25	11	8	1	0	0	1	1	0	0	7	5	0	-	-	-	
SUFFOLK																															
ALDEBURGH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
BROOMS BARN	9 9	75	10.2	5.2	7.7	-	15.0	28	0.2	12	6.0	7.0	33	7	10	13	10	3	0	0	0	1	0	0	4	-	0	1.55	-	-	
EAST BERGHOLT	9 9	4	10.6	5.0	7.8	-	15.9	28	-0.2	12	-	-	28	5	26	13	9	2	0	1	0	1	0	1	12	-	2	1.50	-	-	
HONINGTON	21-9	50	9.9	5.9	7.9	-	15.8	28	-0.1	12	-	-	30	8	26	15	10	2	0	0	2	1	0	1	5	3	0	1.38	-	-	
LOWESTOFT	9 9	25	9.7	4.9	7.3	+2.6	15.0	28	-0.4	12	6.3	7.2	25	46	6	10	11	8	3	0	1	0	0	1	2	4	1	1.15	71	5	
MATTISHAM	21-9	89	9.4	5.1	7.3	-	15.3	28	-0.6	12	-	-	26	6	26	13	9	3	0	1	1	1	0	2	8	9	9	1.26	-	-	
BEDFORDSHIRE																															
CARDINGTON	21-9	29	10.4	5.7	8.1	-	15.7	28	-0.5	13	7.1	7.9	28	-	7	26	11	8	2	0	0	1	1	0	2	8	5	0	2.08	-	-
LUTON	9 9	159	(10.5)	(4.4)	(7.5)	-	15.0	28	-1.9	12	7.0	8.1	37	13	26	11	7	-	0	-	-	-	0	4	(11)	-	-	2.05	-	-	
SILSOE	9 9	61	10.4	5.2	7.8	+3.7	14.5	26.29	-0.3	14	6.4	7.8	27	-	9	26	11	7	2	0	1	0	1	0	2	8	7	-	3.93	-	-
WOBURN	9 9	89	10.2	5.3	7.7	+3.8	14.8	28	-1.0	13	6.9	8.3	34	62	8	25	15														



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. 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	WIND DIRECTION (DEGREES)	WIND SPEED (MPH)	WIND GUST (MPH)	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE		
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE					RIGHT (LIGHT)	DATE															0-2 MM OR MORE	1-0 MM OR MORE
4 MIDLAND COUNTIES																																
WEST YORKSHIRE																																
BRADFORD ...	9 9	134	9.8	4.9	7.3	+3.4	13.0	28	-1.9	13	5.9	6.9	92	106	23	10	26	20	3	0	0	0	1	0	2	6	-	2	1.11	131	S	
BRAMHAM ...	9 9	54	10.2	4.7	7.5	-	13.7	27	-1.5	13	-	-	48	-	10	10	21	12	1	0	0	0	1	0	2	8	-	2	-	-	-	
HUDDESFIELD																																
DAKES ...	21-9	232	8.2	4.8	6.5	+2.8	12.5	23	-3.2	13	5.6	6.2	125	125	17	10	30	25	4	0	0	6	0	5	0	2	7	7	20	1.16	94	-
RAVENSKNOLLE	9 9	99	9.8	5.2	7.5	+3.4	13.1	28	-1.4	13	6.1	6.9	97	127	13	10	25	19	2	0	0	1	2	0	3	8	-	1	1.23	134	-	
ILKLEY ...	9 9	83	9.9	4.9	7.4	+3.6	13.2	23	-1.7	13	-	-	102	112	13	9	27	19	0	0	1	0	0	0	2	4	-	1	0.98	84	-	
PONTEFRAC	9 9	78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
WILSDEN ...	9 9	262	8.6	3.0	5.8	-	12.4	23	-4.6	14	-	-	123	-	26	10	30	23	5	0	3	1	0	0	6	6	6	6	-	-	-	-
SOUTH YORKSHIRE																																
FINNINGLEY	21-9	10	10.3	5.7	8.0	-	15.2	27	-1.3	13	-	-	27	-	3	11	17	9	4	0	0	0	0	0	1	10	5	2	1.92	-	-	
SHEFFIELD	9 9	131	9.9	5.1	7.5	+2.9	13.9	27	-1.0	13	6.2	7.4	71	96	21	10	25	11	1	0	0	1	0	0	2	6	-	3	1.39	122	S	
DERBYSHIRE																																
ASHOVER ...	9 9	186	9.4	4.5	6.9	-	13.3	28	-2.5	13	-	-	59	-	13	10	24	15	4	1	0	0	0	0	2	7	-	1	1.44	-	-	
BUXTON ...	9 9	314	8.3	3.8	6.1	+3.2	12.0	27	-2.9	13	5.4	5.7	138	99	23	10	28	22	3	1	0	0	1	1	4	8	-	0	-	-	-	
DERBY ...	9 9	48	10.6	5.3	7.9	-	14.4	28	-1.0	13	-	-	43	-	11	10	16	14	2	1	0	1	0	0	1	11	-	2	1.75	-	-	
MACKWORTH	9 9	89	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MORLEY ...	9 9	107	9.9	4.7	7.3	-	13.9	28	-2.0	13	-	-	40	-	8	10	18	14	1	0	0	0	0	0	3	7	-	0	1.81	-	-	
WINGWORTH	9 9	126	9.9	4.5	7.2	-	13.9	28	-1.6	13	6.3	-	55	-	15	10	24	15	2	0	0	2	0	0	2	11	9	1	1.66	-	-	
NOTTINGHAMSHIRE																																
MANSFIELD	9 9	114	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NEWHORPE	9 9	58	110.31	-	-	-	14.1	27	-	-	-	-	37	-	10	10	16	10	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOTTINGHAM	9 9	59	10.8	5.4	8.1	+3.6	14.5	27.28	-0.5	13.14	6.3	7.0	32	66	8	10	16	10	0	0	0	0	0	0	2	8	-	0	1.72	152	-	
SUTTON BONINGTON	9 9	48	10.5	5.4	7.9	+3.8	14.6	28	-1.0	13	-	-	12	10	16	8	0	0	0	0	0	1	0	0	2	4	-	2	1.89	155	-	
WARSOP	9 9	46	10.2	4.9	7.5	-	14.2	27	-0.8	13	-	-	34	-	11	10	19	13	1	0	0	0	0	0	2	13	-	1	1.52	-	-	
WATNALL	21-9	117	9.5	5.5	7.5	+3.5	13.8	28	-1.6	13	-	-	40	-	10	10	21	12	4	0	0	2	0	0	2	8	6	1	1.50	122	-	
STAFFORDSHIRE																																
KEELE ...	9 9	179	9.4	4.2	6.8	-	13.6	28	-1.5	13	6.1	7.1	50	-	12	10	22	15	2	0	0	0	0	0	3	11	-	0	1.74	-	-	
DAKEN ...	9 9	125	10.1	5.3	7.7	+4.0	14.5	27	-1.2	13	6.9	-	34	54	6	10.16	20	11	1	1	0	0	0	0	3	11	-	0	-	-	-	
PENKEDGE	9 9	101	10.1	4.9	7.5	-	14.5	28	-1.6	13	-	-	42	-	9	10	19	9	1	0	2	0	1	1	2	10	-	0	-	-	-	
STONE	9 9	107	9.8	4.3	7.1	-	13.6	27	-1.8	13	-	-	51	-	16	10	22	12	2	0	1	0	0	1	3	10	-	2	1.47	-	-	
LEICESTERSHIRE																																
CALDECOTT	9 9	52	10.3	5.1	7.7	-	15.3	28	-0.8	13	-	-	26	-	8	26	14	7	0	0	0	0	1	0	3	9	-	0	1.79	-	-	
NEWTOWN LINFORD	9 9	119	9.9	4.5	7.2	-	14.5	28	-1.9	13	-	-	38	-	18	10	13	9	1	1	0	0	1	0	2	7	-	0	1.77	-	-	
SALOP																																
NEWPORT ...	9 9	64	10.5	5.5	8.0	+4.1	14.0	1.27	-0.5	13	-	-	39	69	12	10	19	10	3	0	0	1	0	0	1	10	-	3	1.60	128	S	
OSWESTRY	9 9	174	9.9	4.8	7.3	+3.0	14.0	27.28	0.6	11	-	-	81	94	17	10	25	15	1	1	2	0	0	0	0	11	-	0	1.52	96	-	
SHAMSBURY	21-9	72	10.2	5.6	7.9	+3.7	14.0	27	-0.8	30	-	-	30	-	9	10	16	8	1	0	0	2	0	0	3	8	5	0	1.35	97	-	
SHREWSBURY	9 9	56	11.0	6.0	8.5	+4.0	15.0	3	1.3	13	7.8	8.3	36	-	8	10	16	9	1	0	0	0	0	0	0	3	-	0	1.43	95	-	
WEST MIDLANDS																																
BIRMINGHAM	21-9	163	9.6	5.9	7.7	+3.2	15.2	28	-0.5	13	7.4	-	42	59	11	16	18	11	2	1	3	0	1	0	2	8	7	0	1.81	134	-	
EDGBASTON	21-9	96	10.1	5.8	7.9	+3.8	15.7	28	-2.6	13	-	-	31	-	6	16	16	6	2	0	3	1	0	0	1	9	8	3	1.97	146	-	
KING EDWARD SCHOOL	9 9	137	10.1	5.1	7.6	-	16.2	28	-0.8	13	-	-	44	-	12	25	18	11	1	1	0	0	0	0	1	2	-	0	-	-	-	
WARWICKSHIRE																																
LUDDINGTON	9 9	56	10.5	5.3	7.9	-	15.6	28	-1.0	13	-	-	31	-	9	26	17	7	1	1	0	0	0	0	2	8	-	0	1.82	-	-	
MORETON MORRELL	9 9	85	10.5	5.1	7.8	-	14.6	28	-1.5	13	-	-	30	-	10	26	16	9	1	1	0	0	0	0	4	8	-	7	1.77	-	-	
RUGBY ...	9 9	117	10.1	4.7	7.4	+3.5	15.5	28	-1.3	13	6.4	7.6	38	-	11	27	16	8	1	1	0	0	1	0	2	11	5	0	-	-	-	
SHIPSTON-ON-STOUR	9 9	111	10.4	5.5	7.9	+3.8	14.9	28	-0.5	13	7.3	-	40	65	12	26	16	8	1	0	0	0	0	0	1	7	-	2	2.06	126	S	
STRATFORD-ON-AVON	9 9	49	10.6	5.0	7.8	+3.8	15.6	28	-2.6	13	7.7	-	34	-	10	26	17	8	0	0	0	0	0	0	4	11	-	0	1.77	122	-	
WELLESBOURNE	9 9	47	110.61	5.31	7.91	-	15.4	28	-2.1	15	6.81	7.41	32	-	11	26	16	7	0	0	0	0	0	0	3	91	71	0	1.99	-	-	
NORTHAMPTONSHIRE																																
BUGBROOKE MILLS	9 9	69	10.6	4.8	7.7	-	15.5	28	-1.5	13.14	7.0	8.0	24	-	7	26	11	7	1	0	0	0	0	3	2	-	0	1.56	-	-		
RAUNDS ...	9 9	59	10.3	5.0	7.7	+3.9	15.7	28	-0.9	13	6.4	7.7	23	45	4	26	13	6	2	0	1	0	1	0	2	7	-	0	1.75	128	-	
HEREFORD & WORCESTER																																
HEREFORD (SEWAGE WORKS)	9 9	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
(PSLEY (SEWAGE WORKS))	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LYONS HALL	9 9	155	10.1	5.4	7.7	+3.6	14.2	28	0.8	11	-	-	68	-	14	27	19	13	0	0	0	0	0	0	0	8	-	0	-	-	-	
MALVERN	9 9	62	11.1	6.3	8.7	-	16.1	28	1.2	13.14	7.0	8.1	42	-	15	26	19	9	2	0	0	1	0	0	0	3	-					



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 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	0-2 MM OR MORE	2-5 MM OR MORE	5-10 MM OR MORE	10-15 MM OR MORE	15-20 MM OR MORE	20-25 MM OR MORE	25-30 MM OR MORE	30-35 MM OR MORE	35-40 MM OR MORE	40-45 MM OR MORE	45-50 MM OR MORE	50-55 MM OR MORE	55-60 MM OR MORE	60-65 MM OR MORE	65-70 MM OR MORE	70-75 MM OR MORE	75-80 MM OR MORE	80-85 MM OR MORE	85-90 MM OR MORE	90-95 MM OR MORE	95-100 MM OR MORE	100-105 MM OR MORE	105-110 MM OR MORE	110-115 MM OR MORE	115-120 MM OR MORE	120-125 MM OR MORE	125-130 MM OR MORE	130-135 MM OR MORE	135-140 MM OR MORE	140-145 MM OR MORE	145-150 MM OR MORE	150-155 MM OR MORE	155-160 MM OR MORE	160-165 MM OR MORE	165-170 MM OR MORE	170-175 MM OR MORE	175-180 MM OR MORE	180-185 MM OR MORE	185-190 MM OR MORE	190-195 MM OR MORE	195-200 MM OR MORE	200-205 MM OR MORE	205-210 MM OR MORE	210-215 MM OR MORE	215-220 MM OR MORE	220-225 MM OR MORE	225-230 MM OR MORE	230-235 MM OR MORE	235-240 MM OR MORE	240-245 MM OR MORE	245-250 MM OR MORE	250-255 MM OR MORE	255-260 MM OR MORE	260-265 MM OR MORE	265-270 MM OR MORE	270-275 MM OR MORE	275-280 MM OR MORE	280-285 MM OR MORE	285-290 MM OR MORE	290-295 MM OR MORE	295-300 MM OR MORE	300-305 MM OR MORE	305-310 MM OR MORE	310-315 MM OR MORE	315-320 MM OR MORE	320-325 MM OR MORE	325-330 MM OR MORE	330-335 MM OR MORE	335-340 MM OR MORE	340-345 MM OR MORE	345-350 MM OR MORE	350-355 MM OR MORE	355-360 MM OR MORE	360-365 MM OR MORE	365-370 MM OR MORE	370-375 MM OR MORE	375-380 MM OR MORE	380-385 MM OR MORE	385-390 MM OR MORE	390-395 MM OR MORE	395-400 MM OR MORE	400-405 MM OR MORE	405-410 MM OR MORE	410-415 MM OR MORE	415-420 MM OR MORE	420-425 MM OR MORE	425-430 MM OR MORE	430-435 MM OR MORE	435-440 MM OR MORE	440-445 MM OR MORE	445-450 MM OR MORE	450-455 MM OR MORE	455-460 MM OR MORE	460-465 MM OR MORE	465-470 MM OR MORE	470-475 MM OR MORE	475-480 MM OR MORE	480-485 MM OR MORE	485-490 MM OR MORE	490-495 MM OR MORE	495-500 MM OR MORE	500-505 MM OR MORE	505-510 MM OR MORE	510-515 MM OR MORE	515-520 MM OR MORE	520-525 MM OR MORE	525-530 MM OR MORE	530-535 MM OR MORE	535-540 MM OR MORE	540-545 MM OR MORE	545-550 MM OR MORE	550-555 MM OR MORE	555-560 MM OR MORE	560-565 MM OR MORE	565-570 MM OR MORE	570-575 MM OR MORE	575-580 MM OR MORE	580-585 MM OR MORE	585-590 MM OR MORE	590-595 MM OR MORE	595-600 MM OR MORE	600-605 MM OR MORE	605-610 MM OR MORE	610-615 MM OR MORE	615-620 MM OR MORE	620-625 MM OR MORE	625-630 MM OR MORE	630-635 MM OR MORE	635-640 MM OR MORE	640-645 MM OR MORE	645-650 MM OR MORE	650-655 MM OR MORE	655-660 MM OR MORE	660-665 MM OR MORE	665-670 MM OR MORE	670-675 MM OR MORE	675-680 MM OR MORE	680-685 MM OR MORE	685-690 MM OR MORE	690-695 MM OR MORE	695-700 MM OR MORE	700-705 MM OR MORE	705-710 MM OR MORE	710-715 MM OR MORE	715-720 MM OR MORE	720-725 MM OR MORE	725-730 MM OR MORE	730-735 MM OR MORE	735-740 MM OR MORE	740-745 MM OR MORE	745-750 MM OR MORE	750-755 MM OR MORE	755-760 MM OR MORE	760-765 MM OR MORE	765-770 MM OR MORE	770-775 MM OR MORE	775-780 MM OR MORE	780-785 MM OR MORE	785-790 MM OR MORE	790-795 MM OR MORE	795-800 MM OR MORE	800-805 MM OR MORE	805-810 MM OR MORE	810-815 MM OR MORE	815-820 MM OR MORE	820-825 MM OR MORE	825-830 MM OR MORE	830-835 MM OR MORE	835-840 MM OR MORE	840-845 MM OR MORE	845-850 MM OR MORE	850-855 MM OR MORE	855-860 MM OR MORE	860-865 MM OR MORE	865-870 MM OR MORE	870-875 MM OR MORE	875-880 MM OR MORE	880-885 MM OR MORE	885-890 MM OR MORE	890-895 MM OR MORE	895-900 MM OR MORE	900-905 MM OR MORE	905-910 MM OR MORE	910-915 MM OR MORE	915-920 MM OR MORE	920-925 MM OR MORE	925-930 MM OR MORE	930-935 MM OR MORE	935-940 MM OR MORE	940-945 MM OR MORE	945-950 MM OR MORE	950-955 MM OR MORE	955-960 MM OR MORE	960-965 MM OR MORE	965-970 MM OR MORE	970-975 MM OR MORE	975-980 MM OR MORE	980-985 MM OR MORE	985-990 MM OR MORE	990-995 MM OR MORE	995-1000 MM OR MORE	1000-1005 MM OR MORE	1005-1010 MM OR MORE	1010-1015 MM OR MORE	1015-1020 MM OR MORE	1020-1025 MM OR MORE	1025-1030 MM OR MORE	1030-1035 MM OR MORE	1035-1040 MM OR MORE	1040-1045 MM OR MORE	1045-1050 MM OR MORE	1050-1055 MM OR MORE	1055-1060 MM OR MORE	1060-1065 MM OR MORE	1065-1070 MM OR MORE	1070-1075 MM OR MORE	1075-1080 MM OR MORE	1080-1085 MM OR MORE	1085-1090 MM OR MORE	1090-1095 MM OR MORE	1095-1100 MM OR MORE	1100-1105 MM OR MORE	1105-1110 MM OR MORE	1110-1115 MM OR MORE	1115-1120 MM OR MORE	1120-1125 MM OR MORE	1125-1130 MM OR MORE	1130-1135 MM OR MORE	1135-1140 MM OR MORE	1140-1145 MM OR MORE	1145-1150 MM OR MORE	1150-1155 MM OR MORE	1155-1160 MM OR MORE	1160-1165 MM OR MORE	1165-1170 MM OR MORE	1170-1175 MM OR MORE	1175-1180 MM OR MORE	1180-1185 MM OR MORE	1185-1190 MM OR MORE	1190-1195 MM OR MORE	1195-1200 MM OR MORE	1200-1205 MM OR MORE	1205-1210 MM OR MORE	1210-1215 MM OR MORE	1215-1220 MM OR MORE	1220-1225 MM OR MORE	1225-1230 MM OR MORE	1230-1235 MM OR MORE	1235-1240 MM OR MORE	1240-1245 MM OR MORE	1245-1250 MM OR MORE	1250-1255 MM OR MORE	1255-1260 MM OR MORE	1260-1265 MM OR MORE	1265-1270 MM OR MORE	1270-1275 MM OR MORE	1275-1280 MM OR MORE	1280-1285 MM OR MORE	1285-1290 MM OR MORE	1290-1295 MM OR MORE	1295-1300 MM OR MORE	1300-1305 MM OR MORE	1305-1310 MM OR MORE	1310-1315 MM OR MORE	1315-1320 MM OR MORE	1320-1325 MM OR MORE	1325-1330 MM OR MORE	1330-1335 MM OR MORE	1335-1340 MM OR MORE	1340-1345 MM OR MORE	1345-1350 MM OR MORE	1350-1355 MM OR MORE	1355-1360 MM OR MORE	1360-1365 MM OR MORE	1365-1370 MM OR MORE	1370-1375 MM OR MORE	1375-1380 MM OR MORE	1380-1385 MM OR MORE	1385-1390 MM OR MORE	1390-1395 MM OR MORE	1395-1400 MM OR MORE	1400-1405 MM OR MORE	1405-1410 MM OR MORE	1410-1415 MM OR MORE	1415-1420 MM OR MORE	1420-1425 MM OR MORE	1425-1430 MM OR MORE	1430-1435 MM OR MORE	1435-1440 MM OR MORE	1440-1445 MM OR MORE	1445-1450 MM OR MORE	1450-1455 MM OR MORE	1455-1460 MM OR MORE	1460-1465 MM OR MORE	1465-1470 MM OR MORE	1470-1475 MM OR MORE	1475-1480 MM OR MORE	1480-1485 MM OR MORE	1485-1490 MM OR MORE	1490-1495 MM OR MORE	1495-1500 MM OR MORE	1500-1505 MM OR MORE	1505-1510 MM OR MORE	1510-1515 MM OR MORE	1515-1520 MM OR MORE	1520-1525 MM OR MORE	1525-1530 MM OR MORE	1530-1535 MM OR MORE	1535-1540 MM OR MORE	1540-1545 MM OR MORE	1545-1550 MM OR MORE	1550-1555 MM OR MORE	1555-1560 MM OR MORE	1560-1565 MM OR MORE	1565-1570 MM OR MORE	1570-1575 MM OR MORE	1575-1580 MM OR MORE	1580-1585 MM OR MORE	1585-1590 MM OR MORE	1590-1595 MM OR MORE	1595-1600 MM OR MORE	1600-1605 MM OR MORE	1605-1610 MM OR MORE	1610-1615 MM OR MORE	1615-1620 MM OR MORE	1620-1625 MM OR MORE	1625-1630 MM OR MORE	1630-1635 MM OR MORE	1635-1640 MM OR MORE	1640-1645 MM OR MORE	1645-1650 MM OR MORE	1650-1655 MM OR MORE	1655-1660 MM OR MORE	1660-1665 MM OR MORE	1665-1670 MM OR MORE	1670-1675 MM OR MORE	1675-1680 MM OR MORE	1680-1685 MM OR MORE	1685-1690 MM OR MORE	1690-1695 MM OR MORE	1695-1700 MM OR MORE	1700-1705 MM OR MORE	1705-1710 MM OR MORE	1710-1715 MM OR MORE	1715-1720 MM OR MORE	1720-1725 MM OR MORE	1725-1730 MM OR MORE	1730-1735 MM OR MORE	1735-1740 MM OR MORE	1740-1745 MM OR MORE	1745-1750 MM OR MORE	1750-1755 MM OR MORE	1755-1760 MM OR MORE	1760-1765 MM OR MORE	1765-1770 MM OR MORE	1770-1775 MM OR MORE	1775-1780 MM OR MORE	1780-1785 MM OR MORE	1785-1790 MM OR MORE	1790-1795 MM OR MORE	1795-1800 MM OR MORE	1800-1805 MM OR MORE	1805-1810 MM OR MORE	1810-1815 MM OR MORE	1815-1820 MM OR MORE	1820-1825 MM OR MORE	1825-1830 MM OR MORE	1830-1835 MM OR MORE	1835-1840 MM OR MORE	1840-1845 MM OR MORE	1845-1850 MM OR MORE	1850-1855 MM OR MORE	1855-1860 MM OR MORE	1860-1865 MM OR MORE	1865-1870 MM OR MORE	1870-1875 MM OR MORE	1875-1880 MM OR MORE	1880-1885 MM OR MORE	1885-1890 MM OR MORE	1890-1895 MM OR MORE	1895-1900 MM OR MORE	1900-1905 MM OR MORE	1905-1910 MM OR MORE	1910-1915 MM OR MORE	1915-1920 MM OR MORE	1920-1925 MM OR MORE	1925-1930 MM OR MORE	1930-1935 MM OR MORE	1935-1940 MM OR MORE	1940-1945 MM OR MORE	1945-1950 MM OR MORE	1950-1955 MM OR MORE	1955-1960 MM OR MORE	1960-1965 MM OR MORE	1965-1970 MM OR MORE	1970-1975 MM OR MORE	1975-1980 MM OR MORE	1980-1985 MM OR MORE	1985-1990 MM OR MORE	1990-1995 MM OR MORE	1995-2000 MM OR MORE	2000-2005 MM OR MORE	2005-2010 MM OR MORE	2010-2015 MM OR MORE	2015-2020 MM OR MORE	2020-2025 MM OR MORE	2025-2030 MM OR MORE	2030-2035 MM OR MORE	2035-2040 MM OR MORE	2040-2045 MM OR MORE	2045-2050 MM OR MORE	2050-2055 MM OR MORE	2055-2060 MM OR MORE	2060-2065 MM OR MORE	2065-2070 MM OR MORE	2070-2075 MM OR MORE	2075-2080 MM OR MORE	2080-2085 MM OR MORE	2085-2090 MM OR MORE	2090-2095 MM OR MORE	2095-2100 MM OR MORE	2100-2105 MM OR MORE	2105-2110 MM OR MORE	2110-2115 MM OR MORE	2115-2120 MM OR MORE	2120-2125 MM OR MORE	2125-2130 MM OR MORE	2130-2135 MM OR MORE	2135-2140 MM OR MORE	2140-2145 MM OR MORE	2145-2150 MM OR MORE	2150-2155 MM OR MORE	2155-2160 MM OR MORE	2160-2165 MM OR MORE	2165-2170 MM OR MORE	2170-2175 MM OR MORE	2175-2180 MM OR MORE	2180-2185 MM OR MORE	2185-2190 MM OR MORE	2190-2195 MM OR MORE	2195-2200 MM OR MORE	2200-2205 MM OR MORE	2205-2210 MM OR MORE	2210-2215 MM OR MORE	2215-2220 MM OR MORE	2220-2225 MM OR MORE	2225-2230 MM OR MORE	2230-2235 MM OR MORE	2235-2240 MM OR MORE	2240-2245 MM OR MORE	2245-2250 MM OR MORE	2250-2255 MM OR MORE	2255-2260 MM OR MORE	2260-2265 MM OR MORE	2265-2270 MM OR MORE	2270-2275 MM OR MORE	2275-2280 MM OR MORE	2280-2285 MM OR MORE	2285-2290 MM OR MORE	2290-2295 MM OR MORE	2295-2300 MM OR MORE	2300-2305 MM OR MORE	2305-2310 MM OR MORE	2310-2315 MM OR MORE	2315-2320 MM OR MORE	2320-2325 MM OR MORE	2325-2330 MM OR MORE	2330-2335 MM OR MORE	2335-2340 MM OR MORE	2340-2345 MM OR MORE	2345-2350 MM OR MORE	2350-2355 MM OR MORE	2355-2360 MM OR MORE	2360-2365 MM OR MORE	2365-2370 MM OR MORE	2370-2375 MM OR MORE	2375-2380 MM OR MORE	2380-2385 MM OR MORE	2385-2390 MM OR MORE	2390-2395 MM OR MORE	2395-2400 MM OR MORE	2400-2405 MM OR MORE	2405-2410 MM OR MORE	2410-2415 MM OR MORE	2415-2420 MM OR MORE	2420-2425 MM OR MORE	2425-2430 MM OR MORE	2430-2435 MM OR MORE	2435-2440 MM OR MORE	2440-2445 MM OR MORE	2445-2450 MM OR MORE	2450-2455 MM OR MORE	2455-2460 MM OR MORE	2460-2465 MM OR MORE	2465-2470 MM OR MORE	2470-2475 MM OR MORE	2475-2480 MM OR MORE	2480-2485 MM OR MORE	2485-2490 MM OR MORE	2490-2495 MM OR MORE	2495-2500 MM OR MORE	2500-2505 MM OR MORE	2505-2510 MM OR MORE	2510-2515 MM OR MORE	2515-2520 MM OR MORE	2520-2525 MM OR MORE	2525-2530 MM OR MORE	2530-2535 MM OR MORE	2535-2540 MM OR MORE	2540-2545 MM OR MORE	2545-2550 MM OR MORE	2550-2555 MM OR MORE	2555-2560 MM OR MORE	2560-2565 MM OR MORE	2565-2570 MM OR MORE	2570-2575 MM OR MORE	2575-2580 MM OR MORE	2580-2585 MM OR MORE	2585-2590 MM OR MORE	2590-2595 MM OR MORE	2595-2600 MM OR MORE	2600-2605 MM OR MORE	2605-2610 MM OR MORE	2610-2615 MM OR MORE	2615-2620 MM OR MORE	2620-2625 MM OR MORE	2625-2630 MM OR MORE	2630-2635 MM OR MORE	2635-2640 MM OR MORE	2640-2645 MM OR MORE	2645-2650 MM OR MORE	2650-2655 MM OR MORE	2655-2660 MM OR MORE	2660-2665 MM OR MORE	2665-2670 MM OR MORE	2670-2675 MM OR MORE	2675-2680 MM OR MORE	2680-2685 MM OR MORE	2685-2690 MM OR MORE	2690-2695 MM OR MORE	2695-2700 MM OR MORE	2700-2705 MM OR MORE	2705-2710 MM OR MORE	2710-2715 MM OR MORE	2715-2720 MM OR MORE	2720-2725 MM OR MORE	2725-2730 MM OR MORE	2730-2735 MM OR MORE	2735-2740 MM OR MORE	2740-2745 MM OR MORE	2745-2750 MM OR MORE	2750-2755 MM OR MORE	2755-2760 MM OR MORE	2760-2765 MM OR MORE	2765-2770 MM OR MORE	2770-2775 MM OR MORE	2775-2780 MM OR MORE	2780-2785 MM OR MORE	2785-2790 MM OR MORE	2790-2795 MM OR MORE	2795-2800 MM OR MORE	2800-2805 MM OR MORE	2805-2810 MM OR MORE	2810-2815 MM OR MORE	2815-2820 MM OR MORE	2820-2825 MM OR MORE	2825-2830 MM OR MORE	2830-2835 MM OR MORE



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 1974

DISTRICT COUNTY AND PLACE	MAX. TERMINAL HEIGHT OF STATION ABOVE MSL (METRES)	MIN. 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 24 H)	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	1.0 MM OR MORE	SNOW OR SLEET	SNOW LYING AT 9H	HAIL	ICE PELLETS, ETC.	THUNDER HEARD	FOG AT 9H	AIR FROST	GROSS MIN BELOW 0 DEG C	GROSS MAX BELOW 0 DEG C	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																					
7A ENGLAND NW & I.O.M.																															
CUMBRIA																															
CARLISLE ...	21-9	26	9.1	5.7	7.4	-	13.6	23	-1.4	13	-	109	-	25	28	26	19	4	0	2	0	0	0	2	6	2	1	1.13	-	-	
CARTMEL ...	9-9	34	9.4	4.4	6.9	-	12.2	23	-1.9	13	-	140	-	19	21	25	23	0	0	0	0	0	0	2	1	0	0	-	-	-	
GRIZEDALE ...	9-9	91	9.3	4.0	6.7	-	12.6	2	-2.5	13	6.3	192	-	21	21	29	28	2	0	0	0	0	0	1	18	2	0	-	-	-	
HEVERSHAM ...	9-9	30	9.6	4.9	7.3	-	13.4	23	-1.6	13	-	147	-	20	25	27	23	3	0	4	0	0	1	2	5	5	0	-	-	-	
MOOR HOUSE ...	9-9	556	5.7	1.0	3.3	-	9.1	22-27	-6.6	13	3.8	449	-	58	25	29	27	11	9	6	0	0	0	4	12	18	23	0	0.47	-	
NEWTON RIGG ...	9-9	171	8.9	4.0	6.5	+3.1	12.6	1	-2.5	13	5.4	179	-	29	21	26	20	1	1	2	0	0	0	4	15	0	0	0.92	-	77	
SELLAFIELD ...	9-9	13	9.7	5.2	7.5	-	12.5	22	-1.8	1	-	106	-	9	29	28	23	0	0	0	0	0	0	4	1	5	-	1.13	-	-	
LANCASHIRE																															
BAILRIGG ...	9-9	53	9.4	4.9	7.1	-	12.6	23	-1.3	13	-	95	-	10	25	26	21	-	0	-	-	-	0	2	6	-	-	-	1.00	-	-
HELMESHORE ...	9-9	260	8.4	4.1	6.3	-	11.4	27-28	-2.2	13	5.9	191	-	15	15	29	26	3	0	4	0	1	1	4	6	3	0	0.76	-	5	
KIRKHAM ...	9-9	24	9.9	5.5	7.7	-	12.6	28	-1.0	13	-	74	-	11	10	27	21	0	0	0	5	0	0	1	5	0	0	1.08	-	-	
MORECAMBE ...	9-9	7	9.5	5.6	7.5	+2.8	14.1	27	-0.5	13	-	81	83	10	25	25	21	0	0	4	0	0	0	2	-	0	0	0.96	77	-	
NELSON ...	9-9	165	9.1	3.8	6.5	+2.9	12.3	23	-2.9	13	6.0	160	-	20	10	29	26	-	0	-	-	-	2	5	9	-	0	0.25	42	5	
PRESTON ...	9-9	33	10.0	5.7	7.9	-	13.4	21	-1.2	13	-	81	84	9	10	28	22	0	0	0	3	0	1	6	3	3	0	-	-	-	
SLAIDBURN ...	9-9	192	8.5	4.1	6.3	-	11.6	23	-3.0	13	-	195	114	20	21	28	26	9	0	0	2	0	0	4	8	0	0	0.61	-	-	
SQUIRES GATE AIRPORT	21-9	10	9.4	6.4	7.9	+3.1	12.9	23	-1.5	13	-	61	-	9	15	27	19	1	0	1	6	0	0	1	1	1	2	1.20	86	-	
STONTHURST ...	9-9	115	9.1	4.6	6.9	+3.0	12.1	23-28	-1.3	13.14	-	164	129	17	7	301	271	-	1	-	-	-	1	2	8	-	0	0.84	71	-	
MERSEYSIDE																															
RIGBURN ...	9-9	12	10.8	6.0	8.4	-	13.7	27	0.8	11	-	44	-	7	10	23	16	0	0	3	0	0	0	0	-	2	-	-	-	-	
SOUTHPORT ...	9-9	5	10.2	5.5	7.9	+3.3	13.8	3	-0.5	13	7.2	45	-	7	16	24	17	-	-	-	-	-	1	1	-	0	1.01	74	-	-	
SPEKE AIRPORT ...	21-9	22	10.2	6.3	8.3	+3.2	13.7	27	0.1	13	-	49	-	10	10	22	15	3	0	5	0	1	0	2	2	4	0	1.54	118	-	
WEST KIRBY PARK ...	9-9	8	10.9	6.4	8.7	+3.6	14.1	27	1.8	11	-	38	-	9	10	23	13	0	0	3	0	0	-	0	0	0	0	1.52	108	-	
GREATER MANCHESTER																															
BOLTON ...	9-9	107	9.7	4.9	7.3	-	12.9	27	-1.5	13	6.5	7.1	94	-	10	16	27	24	0	0	3	0	1	2	2	5	-	10	0.66	76	-
MANCHESTER																															
RINGWAY AIRPORT ...	21-9	75	10.0	6.1	8.1	+3.8	14.2	28	-0.6	13	-	61	-	13	10	23	15	5	0	1	2	1	0	1	2	2	0	1.02	84	-	
WEATHER CENTRE ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.81	-	-	
ROCHDALE ...	9-9	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CHESHIRE																															
KNUTSFORD ...	9-9	65	10.3	4.9	7.6	-	14.2	28	-1.5	13	6.3	7.0	66	-	8	21	22	19	0	0	0	0	0	2	6	-	2	-	-	-	
MACCLESFIELD ...	9-9	152	9.4	4.7	7.1	+3.3	13.3	27	0.2	12	-	78	-	13	10	28	18	1	1	1	0	1	1	0	-	0	-	-	-	-	
NESS GARDENS ...	9-9	55	10.7	5.2	7.9	-	13.8	3	0.9	11.13	7.2	36	-	9	10	22	13	0	0	1	3	0	0	6	-	5	-	1.60	-	5	
WINNINGTON ...	9-9	20	11.0	6.2	8.6	+3.7	14.2	8	0.5	13	-	47	-	9	10	23	15	0	0	3	0	0	1	0	3	-	9	-	-	-	
ISLE OF MAN																															
DOUGLAS ...	9-9	87	9.5	5.7	7.6	+1.7	12.0	1	0.7	11	-	91	73	19	25	24	19	0	0	3	0	0	1	0	1	-	6	1.42	93	-	
POINT OF AYRE ...	21-9	9	9.7	6.4	8.1	+1.6	14.5	1	0.8	11	-	63	74	11	10	22	15	2	0	0	0	0	0	0	1	-	10	1.47	101	-	
RONALDSWY AIRPORT ...	21-9	16	9.6	6.8	8.2	+1.7	12.6	1	1.5	11	-	55	-	11	25	21	15	2	0	1	1	0	0	0	1	1	-	1.30	88	-	
7B WALES N																															
GWYNEDD																															
BALA ...	9-9	163	9.9	5.5	7.7	-	13.2	22	-0.3	30	7.0	7.3	167	-	21	10	30	23	2	0	2	0	0	0	1	3	3	0	0.54	-	-
BARDSEY ISLAND ...	21-9	16	10.0	7.9	8.9	-	11.7	1.28	0.2	11	-	50	-	11	23	18	10	0	0	0	0	0	0	0	0	0	22	-	-	-	
BOTANNOG ...	9-9	34	10.3	6.5	8.4	-	12.6	1	2.0	11	8.1	9.3	65	-	12	23	22	12	0	0	0	0	0	0	0	0	-	7	1.07	-	
PEN-Y-FFRIDD ...	9-9	84	9.8	5.6	7.7	-	13.3	23	1.3	30	-	105	-	19	23	27	20	0	0	1	2	0	0	0	5	-	8	0.43	-	-	
TRANSFYNYDD ...	9-9	193	9.6	4.6	7.1	-	12.2	23	1.4	11	-	192	-	29	21	27	23	0	0	1	0	0	0	2	0	1	1	-	-	-	
VALLEY ...	21-9	10	9.9	7.5	8.7	+2.2	12.0	1	3.3	11	-	52	-	10	23	20	13	0	0	0	1	0	0	0	1	0	12	0.99	62	-	
CLWYD																															
ALWEN ...	9-9	335	8.1	3.6	5.9	-	10.7	27	-1.4	30	-	181	27	10	31	25	-	-	-	-	-	-	2	14	-	-	-	-	-	-	
BWLCHGWYN ...	9-9	386	7.9	2.9	5.4	-	11.5	28	-1.0	10.11	5.5	111	-	17	10	27	21	1	0	2	0	0	0	2	5	-	5	-	-	-	
COLWYN BAY ...	9-9	24	11.6	6.8	9.2	-	15.6	27	3.3	12	7.6	53	-	9	23	19	14	0	0	0	0	0	0	0	-	0	-	1.40	107	5	
CORNEN ...	9-9	144	10.2	5.0	7.6	-	13.0	3.27	0.0	30	-	138	-	20	10	28	24	2	0	3	0	0	0	0	4	-	1	-	-	-	
HAWARDEN BRIDGE ...	9-9	5	11.6	5.8	8.7	(3.8)	14.8	22	1.4	13	-	39	58	9	10	27	13	0	0	2	0	0	0	0	-	5	-	-	-	-	
LOGGERSHEADS ...	9-9	210	9.3	3.7	6.5	-	12.2	28	-0.3	11.25	6.1	6.9	58	-	13	10	23	14	0	1	0	1	0	2	2	-	0	0.69	-	5	
PRESTATYN ...	9-9	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RHYL ...	9-9	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
RUTHIN ...	9-9	76	10.9	4.7	7.8	-	14.7																								



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	WIND DIRECTION DEGREES C	WIND SPEED DEGREES C	WIND GUST DEGREES C	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																
BA WALES S CONTINUED																																		
WEST GLAMORGAN																																		
MUMBLES HEAD ...	21-9	36	9.9	6.6	8.3	-	11.8	22	1.0	10	-	-	152	106	19	26	26	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NORTH ...	9-9	62	10.8	6.9	8.9	-	14.2	28	0.5	30	-	-	127	106	19	26	26	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PENMAEN ...	9-9	85	10.0	6.5	8.3	-	11.6	28	2.2	30	8.0	8.5	119	106	19	26	26	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORT TALBOT ...	9-9	7	10.8	7.3	9.1	-	12.5	1.22.23	1.0	30	-	-	119	106	19	26	26	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SWANSEA ...	9-9	8	10.8	6.9	8.9	+2.5	13.4	28	2.6	12.30	7.9	9.2	139	108	18	26	26	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MID GLAMORGAN																																		
LLANYON ...	9-9	242	8.8	4.7	6.7	-	11.0	27.28	-1.2	10	-	-	269	133	47	21	29	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTHAWL ...	9-9	6	10.4	7.5	8.9	-	11.9	22	1.2	30	-	-	269	133	47	21	29	24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTH GLAMORGAN																																		
CARDIFF ...	9-9	62	10.4	6.2	8.3	+3.0	12.9	1	1.5	30	8.3	9.2	113	99	22	26	20	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHOOSE AIRPORT ...	21-9	67	9.8	6.7	8.3	-	12.3	25	0.1	30	-	-	101	108	18	26	26	20	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GWENT																																		
CRUMBLAND ...	9-9	245	9.2	4.9	7.1	-	12.4	27	0.8	12	6.7	7.4	63	-	19	26	19	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWPORT ...	9-9	23	10.8	6.1	8.5	-	12.9	25	0.8	10.30	-	-	100	-	19	26	19	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TREDEGAR ...	9-9	313	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
USK ...	9-9	21	11.0	5.7	8.3	+3.6	14.5	27	-1.8	31	7.8	-	75	-	19	21	15	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BB ENGLAND SW																																		
AVON																																		
BATH ...	9-9	118	9.9	6.1	8.0	-	13.0	28	1.6	30	8.0	-	69	-	16	26	17	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FILTON ...	21-9	59	10.3	6.9	8.6	+3.5	13.3	3	1.5	30	-	-	67	-	20	25	20	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LONG ASHTON ...	9-9	51	10.5	5.9	8.2	+3.0	13.1	25.28	0.7	30	7.7	-	69	81	15	25	19	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOMERSET																																		
CANNINGTON ...	9-9	23	11.4	6.9	9.1	+3.4	15.5	28	0.8	12	8.3	-	56	78	15	26	19	12	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHEODAR ...	9-9	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DOWNSIDE ABBEY ...	9-9	183	9.7	5.3	7.5	-	12.8	28	-0.5	30	-	-	117	-	19	26	16	15	0	-	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXTON ...	21-9	336	8.3	5.2	6.7	-	11.4	25	-0.4	12	-	-	171	-	31	26	28	25	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0
HAWKRIDGE ...	9-9	314	9.0	4.6	6.8	-	12.0	25	0.4	12.30	-	-	194	-	30	26	28	26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NETTLECOMBE ...	9-9	96	11.0	6.4	8.7	-	13.8	25	1.1	30	7.8	-	101	-	28	26	23	15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
RODNEY STOKE ...	9-9	40	10.5	5.6	8.1	-	13.6	27.28	-0.2	30	7.8	8.8	58	-	12	24.26	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WINCANTON ...	9-9	114	10.3	5.6	7.9	-	14.5	28	-0.3	30	-	-	79	-	19	26	19	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEOUILTON ...	21-9	18	10.9	6.4	8.7	-	14.8	28	-1.0	30	-	-	35	-	13	26	16	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DORSET																																		
BOURNEMOUTH																																		
HURN AIRPORT ...	21-9	10	10.8	6.5	8.7	-	15.0	28	-1.9	30	-	-	45	-	13	25	11	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MEYRICK PARK ...	9-9	40	10.8	6.3	8.5	+3.0	14.6	28	0.6	30	7.9	8.8	46	55	13	25	15	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHRISTCHURCH ...	9-9	3	11.2	6.7	8.9	-	16.6	28	0.1	30	-	-	48	-	13	25	15	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
POOLE ...	9-9	5	11.3	5.9	8.6	+3.3	15.0	28	-0.5	30	8.3	9.2	46	-	12	25	10	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PORTLAND BILL (COASTGUARD)	21-9	53	10.4	7.9	9.1	+1.6	11.8	25	3.5	11	-	-	47	-	9	25	12	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SHAFESBURY ...	9-9	207	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SWANAGE ...	9-9	11	10.9	6.9	8.9	+2.6	13.2	28	1.8	30	-	9.8	56	66	16	25	15	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WEYMOUTH ...	9-9	23	10.9	6.9	8.9	-	13.2	28	1.3	30	-	-	50	-	16	26	17	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WIMBORNE ...	9-9	26	11.2	6.4	8.8	-	14.2	28	0.6	30	-	-	66	-	16	24	14	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DEVON																																		
CHELDON BARTON ...	21-9	164	10.1	5.4	7.7	-	12.6	25	-1.0	30	8.4	-	114	-	20	26	26	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CHIVENCAR ...	21-9	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
EXETER AIRPORT ...	21-9	32	11.0	7.2	9.1	+3.2	14.4	28	-0.3	30	-	-	57	-	12	26	16	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EXMOUTH ...	9-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HARTLAND POINT ...	21-9	91	9.8	7.8	8.8	+1.8	11.9	22	4.3	30	-	-	69	74	15	26	25	15	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
NEWTON ABBOT ...	9-9	83	11.0	6.8	8.9	+2.8	13.7	28	1.0	30	-	-	111	99	21	27	16	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PLYMOUTH																																		
MOUNT BATTEN ...	21-9	27	10.8	7.9	9.3	+2.2	13.4	28	0.2	30	-	-	80	72	23	24	18	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
THE HOE ...	9-9	36	11.0	7.4	9.2	+2.3	13.6	28	0.9	30	9.1	9.6	68	63	25	24	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PRAWLE POINT ...	21-9	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SIDMOUTH ...	9-9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SLAPTON ...	9-9	32	11.2	6.9	9.1	-	12.9	28	1.0	30	-	-	101	-	35	24	19	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STARCROSS ...	9-9	9	11.5	6.8	9.1	+3.0	15.1	28	-0.1	30	8.1	-	63	-	14	26	18	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TAVISTOCK ...	9-9	139	10.2	6.3	8.3	-	13.5	28	-0.6	30	-	-	120	-	23	21	28	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TEIGNMOUTH ...	9-9	6	11.5	7.4	9.5	+2.5	14.8	29	2.1	31	-	-	63	72	12	25	19	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TORBAY (TORQUAY) ...	9-9	8	11.6	7.2	9.4	+2.5	14.9	28	0.9	10	-	-	75	75																				



TABLE 3 SUMMARY OF DAILY OBSERVATIONS

DECEMBER 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	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 FROST BELOW 0°C	CONCRETE FROST BELOW 0°C	GALE	DAILY MEAN (HOURS)	PERCENTAGE OF 1941-70 AVERAGE	EXPOSURE	
			MAX. (A)	MIN. (B)			MAX.	DATE	MIN.	DATE																						DATE
NORTHERN IRELAND																																
LONDONDERRY																																
AGHANLOO ...	9 9	10	10.5	4.3	7.4	-	13.1	1.22	0.6	11	-	-	105	17	10	24	22	-	-	-	-	-	-	-	-	0	4	-	-	-	-	-
BANAGHER CAUGH HILL ...	9 9	216	9.2	3.4	6.3	-	12.9	1	-1.3	11	-	-	155	16	28	31	28	6	-	-	-	-	-	-	0	3	11	-	6	-	0.65	-
COLERAINE UNIVERSITY ...	9 9	23	10.2	4.0	7.1	-	13.3	1	0.3	18	6.4	7.5	96	15	10	28	21	2	0	-	-	-	-	-	0	0	5	-	-	0.95	85	
COOLKEERAGH ...	9 9	3	10.6	4.6	7.6	-	13.4	22	1.0	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	-	-	-	-	-	
DERRYNOYD FOREST ...	9 9	88	9.1	3.6	6.3	-	12.1	1.27	-0.6	12	-	-	163	-	-	-	-	1	1	-	-	-	-	-	0	0	-	-	-	-	-	
GARYVAGH FOREST ...	9 9	88	9.3	3.7	6.5	-	12.9	1	-0.1	30	5.6	6.9	160	21	10	28	27	5	1	3	0	1	1	0	1	12	-	6	-	-	-	
LOUGHMORE FOREST ...	9 9	174	8.7	3.6	6.1	-	11.8	22	-1.0	11	-	-	145	17	28	31	27	8	1	0	5	0	0	0	1	3	10	-	-	-	-	
MONEYDIG ...	21-9	34	9.0	4.8	6.9	+2.4	13.6	1	0.4	11	6.5	-	133	18	25	28	24	4	0	2	3	1	0	0	0	8	5	2	-	-	-	
SOMERSET FOREST ...	9 9	43	10.4	3.9	7.1	-	13.2	1	0.7	10	-	-	125	19	10	30	26	0	0	0	0	0	0	0	0	4	-	-	-	-	-	
TRAID POINT ...	9 9	16	9.8	4.3	7.1	-	13.4	27	0.6	11	-	-	87	-	13	28	30	19	0	-	-	-	-	-	0	-	-	-	-	-	-	
ANTRIM																																
ALDERGROVE AIRPORT ...	21-9	68	8.7	4.9	6.8	+2.2	12.5	1	0.0	30	6.2	7.7	82	-	13	28	29	16	5	0	0	2	0	0	0	4	4	2	-	0.99	88	
ALTNAMINCH ...	9 9	226	8.2	3.0	5.6	-	12.5	1	-0.9	11	-	-	150	15	25	28	29	7	1	2	0	0	0	1	2	13	-	2	-	0.45	-	
BALLYLUMFORD ...	9 9	24	10.0	5.2	7.6	-	13.2	1.8	1.0	11	-	-	96	15	28	26	18	-	-	-	-	-	-	0	0	5	-	-	-	-	-	
BALLYMONEY ...	9 9	55	10.5	3.7	7.1	-	13.2	7	0.7	24	-	-	104	-	14	25	30	21	5	-	-	2	0	0	0	-	-	-	-	-	-	
BALLYPATRICK FOREST ...	9 9	152	8.9	3.7	6.3	-	12.5	1	0.3	25	-	-	139	-	19	25	29	27	0	-	-	0	0	0	11	-	9	-	0.76	-		
GREENMOUNT ...	9 9	32	9.6	3.7	6.7	-	12.6	1.22	-0.5	11	6.3	-	93	-	13	28	28	21	2	0	0	0	0	2	4	-	-	-	-	-	-	
KILROOT ...	9 9	22	10.2	5.0	7.6	-	14.8	8	1.2	12	-	-	89	-	35	29	18	12	1	0	0	0	0	0	0	4	-	-	-	-	-	
LARNE ...	9 9	43	9.7	4.0	6.9	-	12.8	1	0.4	30	-	-	113	-	17	28	29	23	3	1	2	1	0	0	0	-	-	-	-	-	-	
LISNAFFILLAN ...	9 9	38	9.7	4.2	6.9	-	13.2	1	-0.1	30	-	-	98	-	12	28	28	24	2	1	1	0	0	1	12	-	-	-	-	1.10	-	
LONTOWN ...	9 9	271	7.4	2.7	5.1	-	10.6	1	-1.0	11.12.18	5.2	-	143	-	19	28	29	28	4	2	0	0	0	2	5	13	-	2	-	0.83	-	
MALUSKI (HYDE PARK) ...	9 9	134	8.7	3.6	6.1	-	12.5	1	-1.0	12	-	-	135	-	-	-	-	-	-	-	-	-	-	0	1	1	8	-	-	-	-	
PARKMORE FOREST ...	9 9	235	7.9	2.6	5.3	-	11.1	1	-0.5	30	5.2	-	222	-	24	11	31	29	4	1	1	0	1	2	3	19	-	5	-	-	-	
WOODBURN NORTH ...	9 9	217	8.1	3.4	5.7	-	11.9	1	-1.0	11	-	-	127	108	21	28	29	25	2	1	0	0	0	5	3	-	-	-	-	-	-	
BELFAST																																
MALONE ...	9 9	35	10.2	4.6	7.4	-	13.5	1	-0.5	10	6.9	-	93	-	17	25	28	20	-	-	-	-	0	1	13	-	-	-	1.21	-	-	
MILLTOWN ...	9 9	37	10.2	4.8	7.5	-	13.7	2.3	-0.7	11	-	-	84	-	13	25	25	20	4	0	2	2	1	0	1	7	-	4	-	-	-	
NEWTOWNABBEY ...	9 9	32	10.0	5.4	7.7	-	13.4	1	1.0	11	6.6	-	123	-	16	27	21	4	0	3	0	0	0	0	6	1	3	-	1.16	-	-	
ROSEBANK ...	9 9	47	10.0	4.9	7.5	-	13.2	20	0.8	11	-	-	89	-	16	25	27	21	-	0	-	-	-	0	-	-	-	-	-	-	-	
ROSETTA ...	9 9	24	10.0	4.8	7.4	-	14.6	8	1.1	11	-	-	91	-	14	25	25	20	2	0	0	0	1	0	-	-	-	-	-	-	-	
STORMONT CASTLE ...	9 9	56	10.1	4.5	7.3	-	14.5	1	0.2	11	6.0	7.3	82	-	11	28	27	17	2	1	0	1	0	0	11	-	-	-	1.21	-	-	
DOWN																																
BALLYWALTER PARK ...	-	11	-	-	-	-	-	-	-	-	-	-	58	-	8	28	24	14	-	-	-	-	-	-	-	-	-	-	1.26	-	-	
COMBER CEMETERY ...	9 9	11	10.1	4.9	7.5	-	12.5	20.21	0.5	11.30	-	-	74	-	12	16	25	14	1	-	1	0	0	-	0	4	-	-	-	-	-	
CREIGHTONS GREEN ...	9 9	119	9.0	-	-	-	12.3	1	-	-	-	-	77	-	11	28	26	15	-	0	-	-	-	-	0	-	-	-	-	-	-	
DOWNPATRICK ...	9 9	26	10.4	5.6	8.0	-	13.6	1	1.3	12	-	-	49	-	8	26	22	11	-	-	-	-	-	0	0	9	-	-	-	-	-	
HELENS BAY ...	9 9	43	9.6	5.2	7.4	-	13.2	1	1.1	11	-	-	69	-	12	28	24	14	3	0	0	2	0	0	0	3	-	4	-	1.26	-	
HILLSBOROUGH ...	9 9	116	9.4	4.3	6.9	+2.2	12.6	27.31	0.6	17	6.2	7.3	65	-	10	23	26	16	1	0	0	0	0	0	0	9	-	1	-	1.04	85	
KILKEEL ...	21-9	18	9.4	5.3	7.3	-	13.2	1	1.0	11	-	-	61	-	7	29	22	17	0	0	0	0	0	0	1	1	3	-	0.89	-	-	
KILLOUGH ...	21-9	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
MURLOUGH ...	9 9	9	10.6	5.2	7.9	-	14.3	1	0.2	30	6.3	7.0	75	-	14	26	19	12	0	0	0	0	0	0	5	-	4	-	1.69	-	-	
NEWRY ABBEY ...	9 9	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
ARMAGH																																
ARMAGH ...	9 9	62	9.6	4.4	7.0	+2.1	12.5	1.22.27	-0.6	11	6.0	7.5	90	104	19	25	24	18	1	1	2	0	0	0	2	11	-	8	-	3.98	83	
LOUGHGALL ...	9 9	25	10.0	4.8	7.4	-	13.1	27	0.5	11	-	-	86	-	19	25	27	16	2	1	1	0	0	0	0	13	-	1	-	1.16	-	
LURGAN ...	9 9	55	9.7	4.6	7.1	-	12.9	1	0.6	11	6.4	7.5	75	-	16	25	27	15	0	-	0	0	0	-	0	10	-	-	-	0.67	-	
PORTADOWN ...	9 9	16	10.2	4.9	7.5	-	13.2	1	0.7	30	6.9	7.8	87	-	19	25	26	17	0	-	-	-	-	-	0	8	-	-	-	-	-	
TANDRAGEE ...	9 9	43	10.5	4.3	7.4	-	13.5	27	0.3	11	-	-	12	-	12	10	21	16	-	-	-	-	-	-	0	-	-	-	-	-	-	
TYRONE																																
BARONSCOURT FOREST ...	9 9	88	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
CARRIGANS ...	21-9	113	8.6	4.8	6.7	-	12.3	1	-0.6	30	-	-	163	-	19	25	31	26	2	0	2	2	0	0	2	10	3	1	-	0.72	-	
COOKSTOWN ...	9 9	77	9.6	4.2	6.9	-	13.0	1.27.28	0.0	11.30	6.4	-	112	-	15	28	28	20	6	0	0	0	0	0	0	12	-	-	-	1.03	-	
KNOCKMANY FOREST ...	9 9	73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LISLAP FOREST ...	9 9	209	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
LOUGH BRADAN ...	9 9	169	8.9	3.5	6.2	-	11.8	27	-0.5	12	-	-	227	-	29	7	31	29	-	0	-	-	-	0	1	13	-	-	-	0.71	-	
POMEROY FOREST ...	9 9	165	8.9	3.5	6.2	-	12.4	28	-0.5	11.12	6.0	-	147	-	19	28	30	27	0	0	0	0	0	1	3	8	-	-	-	-	-	
STRABANE CONVENT ...	9 9	44	10.0	4.7	7.3	-	13.0	22.27	-0.9	11	-	-	111	-	11	25	31	24	3	0	5	0	0	0	1	9	-	5	-	0.42	-	
FERMANAGH																																
CASTLE ARCHDALE ...	9 9	66	9.8	4.6	7.2	+2.9	12.6	1	-0.5	12	6.8	7.3	136	-	15	28	29	27	-	0	-											



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 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	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					34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW															
										0	1-2	3-5	6-7	8											SKY OBSERVED	10 OR MORE	6-7	4-5	1-3														CALM														
																																											SPEED (KT)														
																																											NUMBER OF OBSERVATIONS														
O SCOTLAND N SHETLAND																																																									
LERNICK	83	3	996.3	-	4.7	-	-	-	6.6	0	2	4	12	13	0	0	0	0	0	1	3	9	17	0	3	10	11	6	1	1	0	0	1	4	9	11	4																				
		9	996.0	-9.3	4.7	-	-	-	6.1	0	2	8	12	9	0	0	0	0	0	2	2	14	11	2	1	12	12	6	0	0	1	0	1	2	13	11	3																				
		15	997.7	-	4.6	-	-	-	5.8	0	5	4	15	7	0	0	0	0	0	1	5	10	14	1	1	15	12	3	0	2	0	0	1	3	5	11	9																				
		21	998.4	-	4.2	-	-	-	6.1	0	3	8	9	11	0	0	0	0	0	0	4	10	16	1	3	8	13	7	0	2	2	1	0	6	8	8	4																				
ORKNEY																																																									
KIRKWALL	26	3	997.9	-	5.6	0.7	8.2	88	6.2	0	4	3	11	13	0	0	0	0	0	1	1	7	18	4	1	9	17	4	0	1	0	0	2	8	8	10	2																				
		9	998.3	-7.8	5.4	0.7	8.1	89	6.2	0	0	9	17	5	0	0	0	0	0	0	3	8	19	1	2	10	18	1	0	0	0	1	1	4	7	15	3																				
		15	1000.0	-	5.4	0.8	7.9	87	6.2	0	3	5	15	8	0	0	0	0	0	0	4	4	19	4	0	9	18	4	0	1	0	0	1	3	8	14	4																				
		21	1000.1	-	5.1	0.7	8.0	88	5.8	0	3	9	9	10	0	0	0	0	0	1	1	4	24	1	0	9	17	3	2	1	0	0	0	8	8	11	1																				
CAITHNESS																																																									
WICK	37	3	999.4	-	5.0	0.9	7.7	86	5.6	0	5	6	13	7	0	0	0	0	0	1	5	14	11	0	4	21	6	0	0	0	0	1	8	13	7	2																					
		9	999.9	-6.7	4.9	0.9	7.6	87	6.0	0	2	7	17	5	0	0	0	0	0	1	5	13	11	0	3	20	8	0	1	0	0	1	7	8	13	1																					
		15	1001.3	-	5.2	1.0	7.6	85	5.8	0	2	8	17	4	0	0	0	0	0	1	0	2	1	16	11	0	7	18	6	0	0	0	1	7	6	12	5																				
		21	1001.6	-	4.8	0.8	7.6	87	4.8	0	9	8	9	5	0	0	0	0	0	0	2	19	10	0	4	18	8	1	1	0	0	0	10	11	7	1																					
SUTHERLAND																																																									
CAPE WRATH	113	3	997.2	-	6.2	0.6	8.7	91	6.6	0	1	7	6	15	2	0	0	2	0	1	0	1	12	10	5	5	11	10	5	0	1	1	1	0	2	14	11	1																			
		9	997.9	-	6.3	0.8	8.5	88	6.6	0	0	9	8	13	1	0	1	0	0	0	1	9	17	3	4	13	10	4	0	1	0	0	1	1	15	11	2																				
		15	999.6	-	6.3	0.9	8.4	87	6.4	0	0	10	8	11	2	0	0	2	0	0	1	0	10	14	4	2	14	11	4	0	0	0	1	3	13	8	6																				
		21	999.4	-	5.9	0.6	8.6	90	6.5	0	1	7	8	12	3	0	0	3	0	0	0	1	11	14	2	4	10	10	7	0	1	1	0	1	4	14	7	3																			
ROSS & CROMARTY																																																									
STORNOWAY	5	3	999.1	-	5.8	0.6	8.5	90	5.8	0	7	3	8	13	0	0	0	0	0	0	8	13	9	1	0	13	14	4	0	2	0	0	0	5	13	9	2																				
		9	1000.8	-5.5	6.1	0.8	8.4	87	5.6	0	4	10	9	8	0	0	0	0	0	0	6	10	14	1	1	7	19	4	0	0	0	0	3	8	14	6																					
		15	1001.9	-	5.9	0.8	8.3	87	6.3	0	0	10	12	9	0	0	0	0	0	1	5	13	12	0	1	11	12	7	0	1	0	1	0	3	13	9	4																				
		21	1001.1	-	5.7	0.7	8.5	89	5.9	1	3	8	5	14	0	0	0	0	0	0	7	9	15	0	2	7	10	12	0	1	1	0	1	8	12	9	1																				
INVERNESS-SHIRE																																																									
BENBECULA	7	3	1000.8	-	7.0	0.8	9.0	89	6.3	0	1	7	12	11	0	0	0	0	0	1	2	2	3	21	2	0	13	15	3	0	1	1	0	0	5	10	12	2																			
		9	1002.5	-4.1	7.0	0.9	8.8	87	5.9	0	3	9	11	8	0	0	0	0	0	0	3	12	14	2	2	10	18	1	0	3	0	0	0	5	5	14	4																				
		15	1003.4	-	7.1	1.0	8.8	86	6.6	0	0	8	10	13	0	0	0	0	0	0	3	1	15	7	5	2	10	17	1	1	3	0	1	0	4	9	9	4																			
		21	1002.5	-	6.7	0.7	9.0	90	6.8	0	2	3	10	16	0	0	0	0	1	3	4	8	12	3	1	11	13	5	1	1	0	1	2	5	6	13	2																				
I SCOTLAND E NORFOLKSHIRE																																																									
KINLOSS	6	3	1001.2	-	6.2	1.1	8.1	83	6.2	0	2	7	16	6	0	0	0	0	0	0	1	3	11	16	0	5	18	8	0	1	0	1	0	9	16	4	0																				
		9	1002.1	-5.4	6.0	1.1	7.9	84	5.8	0	3	6	16	4	0	0	0	0	0	1	1	0	2	11	16	0	5	21	5	0	0	0	1	3	18	8	1																				
		15	1003.2	-	6.7	1.4	8.0	81	5.7	0	1	10	20	0	0	0	0	0	0	0	3	2	13	13	0	5	23	3	0	0	0	1	1	3	17	8	1																				
		21	1003.3	-	6.1	1.1	8.0	84	5.6	0	5	6	16	4	0	0	0	0	0	0	0	3	15	13	0	4	18	9	0	0	0	1	0	8	17	4	1																				
ABERDEENSHIRE																																																									
DYCE	59	3	1002.5	-	5.8	1.4	7.6	79	5.0	2	9	3	8	9	0	0	0	0	0	0	2	1	11	17	0	5	16	10	0	0	0	0	2	6	10	11	2																				
		9	1002.9	-5.4	5.5	1.3	7.3	80	5.5	0	7	4	13	6	1	0	0	0	1	0	1	2	1	2	24	0	2	19	10	0	0	0	0	4	13	11	3																				
		15	1004.1	-	6.4	1.8	7.2	74	5.1	0	8	7	10	6	0	0	0	0	0	0	2	4	7	18	0	3	17	11	0	0	0	0	0	6	6	16	3																				
		21	1004.7	-	5.1	1.3	7.2	80	4.3	2	10	4	8	7	0	0	0	0	0	0	0	3	3	8	20	0	3	16	12	0	0	0	1	5	12	12	1																				
FRASERBURGH																																																									
22	3	3	1001.7	-	6.2	0.3	9.3	95	4.8	1	9	6	4	11	0	0	0	0	0	0	0	10	21	0	3	5	15	8	0	0	0	0	2	7	10	11	1																				
		9	1001.8	-5.7	6.2	0.3	9.3	96	6.1	0	3	6	12	9	1	0	0	0	1	0	0	9	21	0	3	6	13	9	0	1	0	0	1	7	11	9	2																				
		15	1003.4	-	6.7	0.4	9.4	95	5.4	0	2	13	11	5	0	0	0	0	0	0	0	4	27	0	4	4	13	10	0	0	0	0	0	6	10	12	3																				
		21	1003.8	-	5.7	0.3	9.0	96	4.7	1	9	6	6	9	0	0	0	0	0	0	0	0	14	17	0	2	5	13	10	1	0	0	0	0	12	12	4	2																			
ANGUS																																																									
USAM	35	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-													
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-															
		21	1006.4	-	5.7	0.9	8.1	86	3.5	3	13	4	8	3	0	0	0	0	0	0	0	0	1	7	23	0	6	19	5	1	0	0	0	7	10	12	1																				
		FIFE																																																							
LEUCHARS	12	3	1004.4	-	6.1	1.1	8.1	84	5.7	0	5	7	7	12	0	0	0	0	0	1	6	18	6	0	7	16	7	1	0	0	0	1	3	17	8	1																					
		9	1004.7	-4.1	6.2	1.2	7.9	82	5.																																																







TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 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						34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW		
									MEAN	0	1-2	3-5	6-7	8											SKY OBSERVED	B OR MORE	6-7	4-5	1-3	CALM															
																																												SPEED (KT)	
NUMBER OF OBSERVATIONS																																													
3 EAST ANGLIA -CONTD. ESSEX																																													
SHOEBURYNESSE	5	9	1017.8	+ 3.7	8.1	0.9	9.6	87	6.6	0	2	2	20	7	0	0	0	0	0	0	4	12	10	5	0	2	24	5	0	0	0	0	0	0	0	0	5	12	13	1					
		15	1017.9	-	9.7	1.7	9.5	78	5.9	0	4	6	13	8	0	0	0	0	0	0	2	12	14	3	0	3	19	9	0	0	0	0	0	0	0	0	1	7	22	1					
		21	1019.5	-	8.4	1.2	9.3	83	5.8	3	2	5	8	13	0	0	0	0	0	0	4	8	15	4	0	0	1	19	11	0	0	0	0	0	0	0	3	11	16	1					
STANSTED	102	3	1017.0	-	7.0	1.0	8.8	86	6.0	1	3	5	11	11	0	0	0	0	0	0	7	11	13	0	0	0	18	13	0	1	0	0	0	0	0	0	3	19	7	1					
		9	1016.9	+ 3.0	7.3	0.9	9.0	86	6.7	0	2	3	17	9	0	0	0	0	0	2	4	8	14	3	0	2	15	14	0	0	0	0	0	0	0	0	4	14	11	2					
		15	1017.1	-	8.8	1.6	9.0	77	5.5	0	6	6	13	6	0	0	0	0	0	0	2	9	16	4	0	0	1	19	11	0	0	0	0	0	0	0	1	9	18	3					
WALTON-ON-THE-NAZE	8	3	1018.6	-	7.4	1.2	8.8	83	6.1	3	2	2	12	12	0	0	0	0	0	0	4	16	9	2	0	0	17	14	0	0	0	0	0	0	0	0	2	12	15	2					
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
4 MIDLAND COUNTIES WEST YORKSHIRE																																													
HUDDERSFIELD	235	3	1012.0	-	5.8	0.6	8.5	90	7.1	0	0	3	13	15	0	0	0	0	0	0	2	4	12	13	0	6	14	10	1	0	0	0	0	0	0	0	4	9	17	1					
		9	1012.4	-	6.2	0.7	8.7	89	6.4	1	0	4	16	10	0	0	0	0	0	0	4	15	12	0	7	5	13	6	0	0	0	0	0	0	0	1	11	17	2						
		15	1013.3	-	6.8	0.9	8.7	86	6.2	0	2	6	14	9	0	0	0	0	0	0	1	16	14	0	5	12	14	0	0	0	0	0	0	0	0	0	1	6	20	4					
WILSON	267	3	1014.2	-	6.4	0.7	8.7	89	5.9	2	3	5	8	13	0	0	0	0	0	0	0	17	14	0	4	11	12	4	0	0	0	0	0	0	0	0	2	11	14	4					
		9	1012.1	-	6.0	0.8	8.4	87	6.1	0	3	7	9	12	0	0	0	0	0	1	12	18	0	0	0	15	12	4	0	1	0	0	0	0	0	4	11	14	1						
		15	1012.2	-	6.0	0.8	8.5	88	6.5	0	2	4	10	15	0	0	0	0	0	3	7	19	2	0	1	12	16	2	0	0	0	0	0	0	0	2	12	16	1						
SOUTH YORKSHIRE	FINNINGLEY	3	1013.3	-	6.6	1.1	8.3	84	6.1	0	3	7	11	10	0	0	0	0	0	1	5	18	5	1	1	11	18	0	1	0	0	0	0	0	0	2	6	21	1						
		9	1014.3	-	6.2	0.9	8.3	86	6.2	1	2	6	7	15	0	0	0	0	0	0	12	18	1	0	0	8	21	2	0	0	0	0	0	0	0	2	10	18	1						
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
NOTTINGHAMSHIRE	WATNALL	3	1012.6	-	7.3	1.1	8.8	84	5.4	1	5	8	5	12	0	0	0	0	0	1	0	1	11	12	6	0	5	20	5	1	0	0	0	0	0	0	11	7	11	1					
		9	1012.5	+ 0.2	7.7	1.2	8.9	83	6.0	0	2	7	16	6	0	0	0	0	0	1	0	3	10	15	2	1	2	23	5	0	0	0	0	0	0	1	5	11	13	1					
		15	1013.4	-	8.9	1.8	8.7	75	5.7	1	3	7	13	7	0	0	0	0	0	0	0	21	9	1	1	3	19	8	0	0	0	0	0	0	0	4	8	16	3						
SALOP	SHAWBURY	3	1014.6	-	7.7	1.3	8.8	81	5.6	1	3	9	7	11	0	0	0	0	0	0	5	16	9	1	0	2	23	6	0	0	0	0	0	0	0	0	7	12	9	3					
		9	1014.2	-	7.1	0.9	9.0	87	6.2	0	3	6	9	13	0	0	0	0	0	1	4	19	7	0	0	3	20	8	0	1	0	0	0	0	0	9	15	6	0						
		15	1014.1	+ 1.4	7.3	1.0	8.9	85	6.4	0	2	5	15	9	0	0	0	0	0	3	2	7	11	7	1	0	3	19	9	0	0	0	0	0	0	0	4	18	7	2					
WEST MIDLANDS	EDGBASTON	3	1015.2	-	8.4	1.6	8.8	78	6.0	0	3	5	16	7	0	0	0	0	0	1	6	13	11	0	0	2	25	4	0	0	0	0	0	0	0	0	2	15	14	0					
		9	1016.2	-	7.4	1.0	9.0	86	6.1	2	2	4	10	13	0	0	0	0	0	1	9	19	2	0	0	1	25	5	0	0	0	0	0	0	0	7	18	4	2						
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
GLoucestershire	ELMOON	3	1014.8	-	8.0	1.3	9.1	82	6.6	0	1	7	5	18	0	0	0	0	0	0	0	6	25	0	0	5	11	15	0	0	0	0	0	0	0	0	6	9	13	3					
		9	1015.1	+ 2.2	8.1	1.3	9.0	82	6.1	0	1	9	15	6	0	0	0	0	0	0	1	4	21	5	0	3	17	11	0	1	0	0	0	0	0	3	8	18	1						
		15	1016.1	-	9.1	1.8	8.9	76	6.1	0	1	7	19	4	0	0	0	0	0	0	1	5	20	5	0	0	22	9	0	0	0	0	0	0	0	0	3	7	18	3					
HEREFORD & WORCESTER	PERSHORE	3	1016.6	-	8.0	1.2	9.1	83	5.8	1	4	5	12	9	0	0	0	0	0	0	6	24	1	0	0	1	26	14	0	0	0	0	0	0	0	1	3	11	15	1					
		9	1014.8	-	8.1	1.3	9.1	82	6.6	0	1	7	5	18	0	0	0	0	0	0	0	6	25	0	0	5	11	15	0	0	0	0	0	0	0	0	6	9	13	3					
		15	1015.1	+ 2.2	8.0	1.3	9.0	82	6.1	0	1	9	15	6	0	0	0	0	0	0	1	4	21	5	0	3	17	11	0	1	0	0	0	0	0	0	3	8	18	1					
OXFORDSHIRE	ABINGDON	3	1016.1	-	9.1	1.8	8.9	76	6.1	0	1	7	19	4	0	0	0	0	0	0	1	5	20	5	0	0	22	9	0	0	0	0	0	0	0	0	3	7	18	3					
		9	1016.6	-	8.0	1.2	9.1	83	5.8	1	4	5	12	9	0	0	0	0	0	0	6	24	1	0	0	1	26	14	0	0	0	0	0	0	0	1	3	11	15	1					
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
GREATER LONDON	HEATHROW	3	1016.4	-	8.1	1.2	9.2	83	6.4	0	4	4	8	15	0	0	0	0	0	0	5	3	20	3	0	4	17	10	0	0	0	0	0	0	0	8	15	6	2						
		9	1016.6	-	8.1	1.2	9.2	84	6.7	0	0	4	20	7	0	0	0	0	0	0	4	6	17	4	0	1	24	5	1	0	0	0	0	0	0	6	14	10	0						
		15	1017.4	-	9.5	1.9	9.0	74	6.2	0	3	4	19	5	0	0	0	0	0	2	4	17	8	0	0	1	25	5	0	0	0	0	0	0	0	4	10	15	2						
KEM	10	3	1018.2	-	8.3	1.6	8.9	80	6.5	0	2	3	17	9	0	0	0	0	0	0	1	14	11	5	0	0	19	12	0	0	0	0	0	0	0	3	12	14	2						
		9	1018.2	+ 4.0	8.3	1.6	8.9	80	6.5	0	2	3	17	9	0	0	0	0	0	0	2	9	17	3	0	0	16	15	0	0	0	0	0	0	0	10	15	4	2						
		15	1018.5	-	9.3	2.4	8.9	71	5.7	0	5	4	16	6	0	0	0	0	0	0	2	9	17	3	0	0	15	16	0	0	0	0	0	0	0	5	11	14	1						
KEM	10	3	1019.3	-	7.9	1.1	9.1	84	6.0	3	2	2	12	12	0	0	0	0	0	1	3	11	15	1	0	0	11	20	0	0	0	0	0	0	0	0	6	18	5	2					
		9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
		15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					



TABLE 4 SUMMARY OF OBSERVATIONS AT FIXED HOURS

DECEMBER 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						VISIBILITY						BEAUFORT FORCE																		
								NUMBER OF OBSERVATIONS						VISIBILITY						SPEED (KT)																		
								0	1-2	3-5	6-7	8	SKY OBSERVED	0-39M	40-190M	200-390M	400-990M	1000-1900M	2000-3900M	4-9KM	10-19KM	20-39KM	40KM AND OVER	34 OR MORE	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW		
5 ENGLAND SE & CENT. S. -CONTD.																																						
WILTSHIRE																																						
BOSCOMBE DOWN	128	3	1019.0	-	7.4	0.8	9.3	88	6.5	2	3	0	10	16	0	0	0	0	0	0	3	9	18	1	0	3	21	7	0	1	0	0	0	5	10	14	1	
	9	1019.0	+4.4	7.4	1.0	9.1	86	6.3	0	3	4	15	9	0	0	0	0	0	0	1	3	7	19	1	0	3	20	7	1	0	1	0	0	4	11	13	1	
	15	1019.4	-	8.7	1.2	9.5	83	6.6	0	1	5	16	9	0	0	0	0	0	0	1	2	4	19	5	0	4	20	7	0	0	0	0	4	5	20	2		
	21	1020.5	-	7.7	0.9	9.3	87	6.5	1	2	3	9	16	0	0	0	0	0	0	0	3	14	14	0	0	2	18	11	0	0	0	0	5	10	13	3		
LYNEHAM	149	3	1018.4	-	7.4	0.7	9.4	89	6.7	0	2	4	12	13	0	0	0	0	0	0	4	12	13	2	0	4	15	12	0	1	0	0	0	3	14	12	1	
	9	1018.5	+4.3	7.3	0.7	9.3	89	6.7	0	2	3	14	12	0	0	0	0	0	1	0	5	11	13	1	0	2	22	7	0	0	1	0	0	2	15	13	0	
	15	1019.1	-	8.6	1.2	9.4	83	6.3	0	3	4	15	9	0	0	0	0	0	0	3	8	18	2	0	2	22	7	0	0	0	0	0	2	7	22	0		
	21	1020.1	-	7.6	0.9	9.3	87	6.3	1	3	4	7	16	0	0	0	0	0	0	2	7	9	11	2	0	1	17	13	0	0	0	0	1	19	9	2		
UPAVON	183	9	1019.0	-	6.7	0.6	9.1	91	6.5	0	3	2	13	12	1	0	1	0	0	0	6	9	14	1	0	3	18	10	0	0	0	1	0	4	8	17	1	
	15	1019.4	-	8.2	1.0	9.5	86	6.4	0	2	6	13	10	0	0	0	0	0	0	3	12	14	2	0	6	18	7	0	0	0	0	0	2	8	16	5		
	21	1020.5	-	7.1	0.6	9.3	90	6.4	3	1	2	9	16	0	0	0	0	0	0	4	16	11	0	0	2	14	14	1	0	0	0	0	4	9	14	3		
KENT	DUNGENESS	7	3	1019.5	-	-	-	-	-	6.1	1	3	5	4	18	0	0	0	0	0	0	1	9	21	0	1	9	17	4	0	1	0	0	0	4	4	21	1
		9	1019.3	-	8.2	0.9	9.8	88	6.5	1	1	4	14	11	0	0	0	0	0	0	2	13	19	0	0	10	19	2	0	0	0	0	0	3	7	20	1	
		15	1019.2	-	-	-	-	-	6.1	1	4	2	15	9	0	0	0	0	0	0	1	10	20	0	0	10	18	3	0	0	0	0	0	2	4	24	1	
		21	1020.8	-	-	-	-	-	5.3	2	8	2	5	13	1	0	1	0	0	0	0	1	3	26	0	0	6	20	5	0	0	0	0	0	3	3	24	1
HANSTON	45	3	1018.7	-	7.3	1.0	9.0	86	5.8	1	3	9	6	12	0	0	0	0	0	0	2	11	16	2	0	3	16	12	0	0	0	0	0	7	14	8	2	
	9	1018.3	-	7.8	1.0	9.3	86	6.4	0	2	2	22	5	0	0	0	0	0	0	5	9	16	1	0	2	19	10	0	0	0	0	0	7	13	8	3		
	15	1018.3	-	9.2	1.5	9.5	80	6.1	0	4	4	14	9	0	0	0	0	0	0	1	11	16	3	0	2	20	9	0	0	0	0	0	3	10	16	2		
	21	1020.0	-	7.5	1.0	9.1	86	5.9	4	1	3	11	12	0	0	0	0	0	0	0	1	11	18	1	0	1	17	13	0	0	0	0	0	6	15	7	3	
WEST SUSSEX																																						
ORTWICK	60	3	1019.4	-	7.5	0.9	9.3	87	6.2	1	3	4	12	11	0	0	0	0	0	1	4	18	8	0	0	3	13	15	0	1	1	0	0	3	17	9	0	
	9	1019.1	+4.6	7.6	0.8	9.4	88	6.5	0	2	3	16	10	0	0	0	0	0	0	2	10	8	10	1	0	1	17	13	0	0	0	0	0	2	16	11	2	
	15	1019.3	-	9.3	1.7	9.3	77	6.1	0	4	4	16	7	0	0	0	0	0	0	5	11	15	0	0	0	22	8	0	0	0	0	0	1	9	20	1		
	21	1020.8	-	7.9	1.0	9.3	86	6.5	1	2	3	11	14	0	0	0	0	0	0	1	7	15	8	0	0	0	15	16	0	0	0	0	0	1	16	11	3	
THORNEY ISLAND	5	3	1019.9	-	8.6	1.1	9.7	85	6.5	0	3	5	6	15	0	0	0	0	0	0	3	9	18	1	0	3	17	11	0	0	0	0	0	3	12	14	2	
	9	1019.9	+5.0	8.4	0.9	9.8	87	6.2	0	5	2	14	10	0	0	0	0	0	0	5	9	10	7	0	5	15	11	0	0	0	0	0	0	2	9	18	2	
	15	1020.1	-	9.7	1.6	9.6	78	6.3	0	3	4	15	9	0	0	0	0	0	0	0	3	7	15	6	0	4	22	5	0	0	0	0	0	1	5	22	3	
	21	1021.4	-	8.6	1.0	9.8	86	6.3	2	3	2	7	17	0	0	0	0	0	1	0	4	11	14	1	0	1	18	12	0	0	0	0	0	4	7	17	3	
EAST SUSSEX																																						
EASTBOURNE C.G.	7	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
7A ENGLAND NW & I.O.-M. CUMBRIA																																						
CARLISLE	28	3	1008.8	-	7.4	0.8	9.2	88	6.5	0	4	3	7	17	0	0	0	0	0	0	7	12	12	0	0	4	19	8	0	0	0	1	0	4	16	8	2	
	9	1009.4	-1.4	7.3	1.0	9.0	86	6.9	0	1	1	20	9	0	0	0	0	0	0	1	2	4	23	1	0	4	19	8	0	0	0	0	3	2	14	11	1	
	15	1010.4	-	8.1	1.2	9.2	84	6.5	0	1	4	19	7	0	0	0	0	0	0	3	10	17	1	0	2	23	5	1	0	0	0	0	1	14	14	1		
	21	1011.1	-	7.6	0.9	9.2	87	6.7	0	2	3	10	16	0	0	0	0	0	0	0	3	19	9	0	0	3	18	10	0	1	0	0	1	2	15	12	0	
LANCASHIRE																																						
SQUIRES GATE	11	3	1012.5	-	7.7	0.7	9.7	90	7.1	0	0	4	12	15	0	0	0	0	0	0	5	4	18	4	0	5	23	3	0	0	1	0	1	7	13	8	1	
	9	1013.0	+1.2	7.9	0.7	9.7	89	6.6	0	2	3	17	9	0	0	0	0	0	0	1	4	10	13	3	0	6	23	2	0	1	0	0	3	2	12	13	0	
	15	1014.1	-	8.5	1.0	9.7	86	6.5	0	1	5	18	7	0	0	0	0	0	0	0	4	13	14	0	1	4	24	2	0	0	0	0	1	3	11	15	1	
	21	1014.4	-	7.9	0.7	9.7	90	6.1	0	4	5	7	15	0	0	0	0	0	0	0	4	11	15	1	0	9	19	3	0	0	0	0	1	6	12	10	2	
MERSEYSIDE																																						
SPEKE	24	3	1013.2	-	8.0	1.0	9.3	85	6.4	0	1	7	14	9	0	0	0	0	0	0	1	7	18	5	0	7	16	8	0	0	1	0	1	9	6	11	3	
	9	1013.5	+1.1	8.2	0.9	9.6	87	6.6	0	1	4	20	6	0	0	0	0	0	0	2	1	6	15	7	0	1	25	5	0	0	0	0	1	3	6	20	1	
	15	1014.6	-	9.0	1.3	9.5	82	6.1	0	2	5	22	2	0	0	0	0	0	0	1	12	15	3	1	3	21	6	0	1	0	0	0	4	5	18	3		
	21	1015.1	-	8.5	0.9	9.8	87	5.9	0	5	4	13	9	0	0	0	0	0	0	2	7	19	3	0	3	19	9	0	1	0	0	0	6	7	15	2		
GREATER MANCHESTER																																						
RINGWAY	84	3	1013.5	-	7.9	1.5	8.6	79	6.4	0	3	4	14	10	0	0	0	0	0	1	1	8	20	1	0	4	18	9	0	1	0	0	0	11	9	9	1	
	9	1013.7	+1.3	8.0	1.5	8.7	80	6.6	0	2	2	19	8	0	0	0	0	0	1	2	2	11	15	0	0	1	21	9	0	0	0	0	0	10	7	13	1	
	15	1014.7	-	9.0	2.0	8.5	73	6.5	0	1	4	21	5	0	0	0	0	0	0	3	18	10	0	0	4	22	5	0	0	0	0	0	7	6	16	2		
	21	1015.3	-	8.1	1.5	8.7	79	6.4	0	3	4	11	13	0	0	0	0	0	1	5	9	16	0	0	2	17	11	1	0	0	0	0	12	9	7	2		
ISLE OF MAN																																						
POINT OF AYRE	9	3	1009.9	-	6.1	0.8	9.7	89	6.4	0	0	8	10	13	0	0	0	0	0	0	4	12	15	2	12	13	4	0	0	0	0	1	1	13	14	2		
	9	1010.8	+0.4	6.1	0.8	9.7	89	5.7	0	0	12	12	6	0	0	0	0	0	0	0	4	20	7	1	12	16	2	0	0	0	0	1	3	8	17	2		



[illegible]



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

DECEMBER 1974

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	30.1 TO 35.0	35.1 TO 40.0	40.1 TO 45.0	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	30.1 TO 35.0	35.1 TO 40.0	40.1 TO 45.0
LERWICK (PSYCHROMETER)	0	11	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LERWICK (SCREEN)	0	8	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STORNOWAY	0	5	19	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CRAIBSTONE	0	6	12	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROTHESAY	0	2	17	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ABBOTSINCH	0	4	14	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESKDALEMUIR (PSYCHROMETER)	0	7	19	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESKDALEMUIR (SCREEN)	0	7	18	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DOUGLAS	0	0	15	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ACKLINGTON	0	3	14	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GORLESTON	0	1	16	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CAMBRIDGE BOTANIC GARDENS	0	1	8	20	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EDGBASTON	0	1	16	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEN (PSYCHROMETER)	0	0	11	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KEN (NORTH-WALL SCREEN)	0	0	11	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HASTINGS	0	0	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SOUTHAMPTON	0	0	9	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
STONTHURST	0	1	17	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHYL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VALLEY	0	0	12	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RHODSE	0	0	16	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FALMOUTH	0	0	10	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ALDERGROVE	0	4	16	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ARMAGH	0	1	15	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TABLE 6 SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

DECEMBER 1974

DISTRICT COUNTY AND PLACE		HEIGHT OF VANE IN METRES		DISTRIBUTION OF HOURLY MEAN VALUES OF WIND SPEED										HIGHEST VALUES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
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TABLE 6. SUMMARY OF AUTOGRAPHIC RECORDS OF WIND

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Averages for 1941-70 were brought into use on 1-1-1974. Additions or corrections for months prior to this date refer to the averages in use at the time.

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# MONTHLY WEATHER REPORT

COMPILED FROM RETURNS OF OFFICIAL AND VOLUNTARY OBSERVERS

Met. 0 869

122959

UDC 551 506 1 (41-4)

## 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.

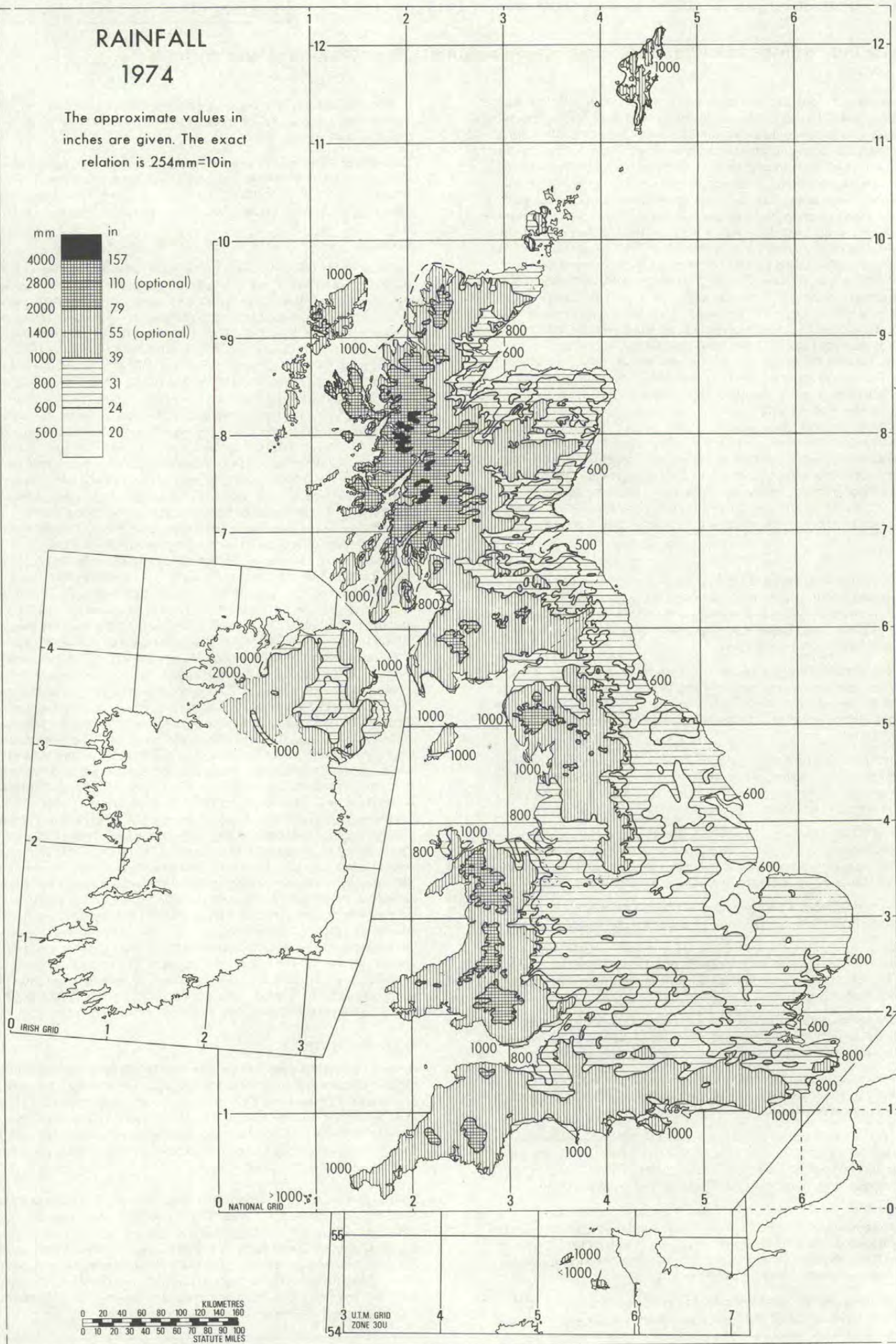
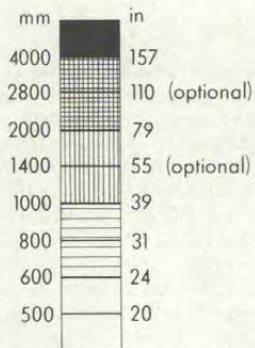
**January** - This was probably the mildest January in England, Wales and Scotland as a whole for at least 30 years and in most parts of Northern Ireland for 20 years. Monthly mean temperatures were generally 1.5 to 3.0 degC above normal and in parts of eastern Scotland they were 3.0 to 3.5 degC higher 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.

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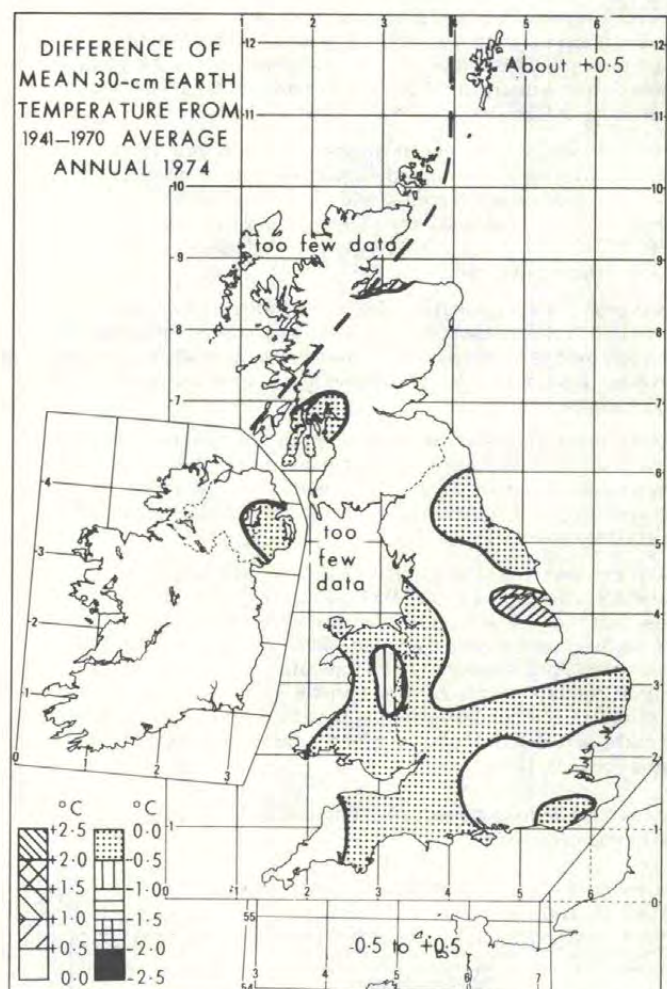
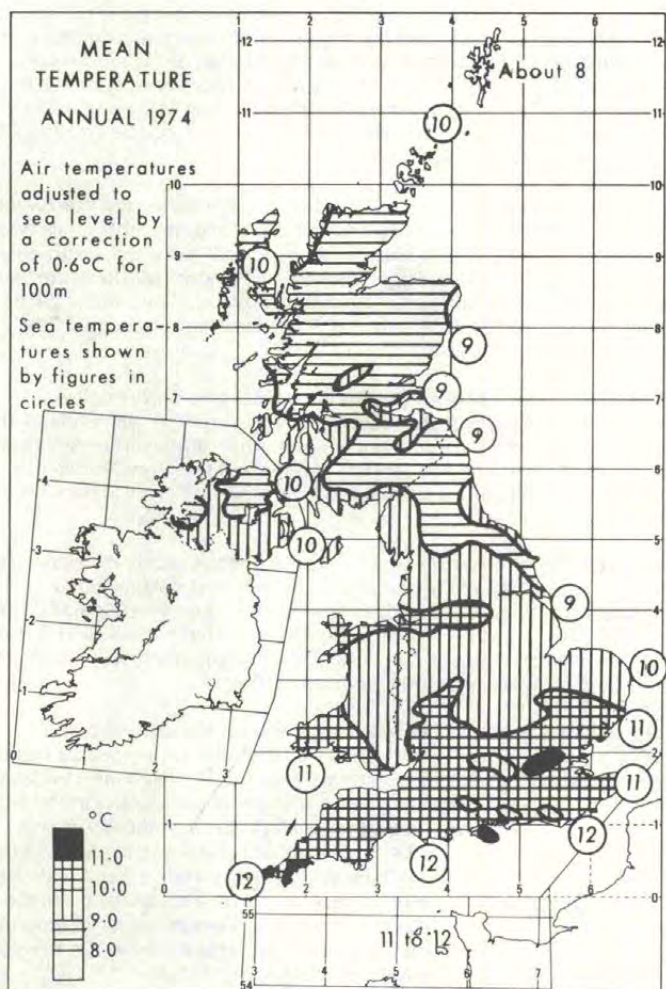
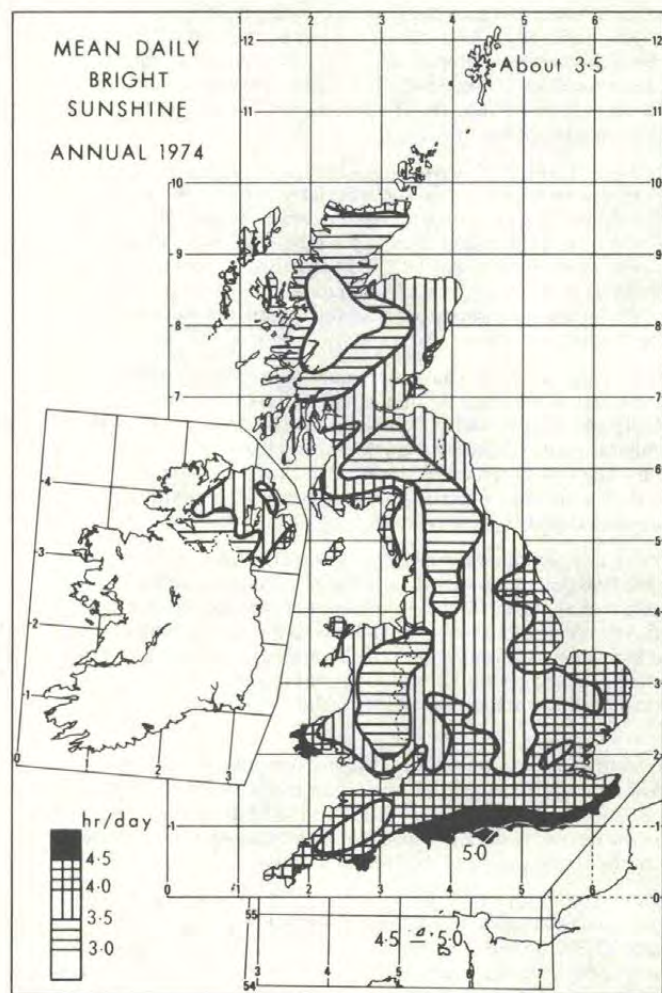
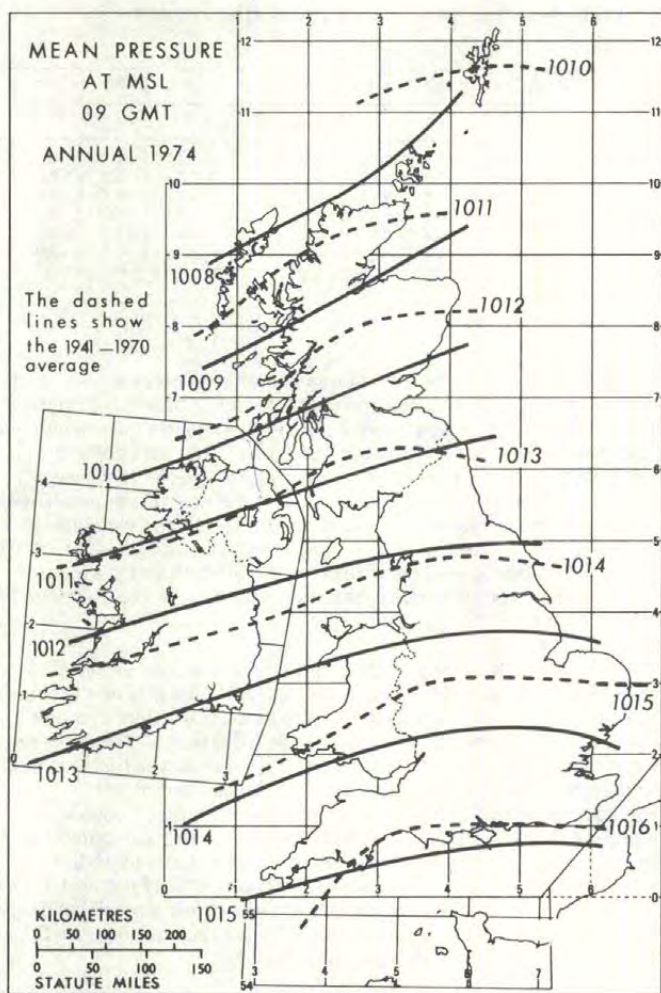


# RAINFALL 1974

The approximate values in inches are given. The exact relation is 25.4mm=1in









**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 Gisle 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 Lliest 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 (Kincardine-shire), 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.



**December** - It was generally too windy for fog to form inland on low ground, but hill and coastal fog occurred much more often, especially in western districts of Great Britain.

#### MISCELLANEOUS PHENOMENA

Tornadoes occurred in southern England, including the Isle of Wight, on 6 and 7 January. The Press reported particularly severe damage to buildings, trees and vehicles in Crewkerne (Somerset) on the 7th, when several other places were also affected. Waterspouts were observed to the west of Hartland Point (Devon) on 12 July, off the Isle of Wight on 18 August and in St Margaret's Bay (Kent) on 19 August. On 26 August waterspouts were reported in the Ribble estuary (Lancashire) and on the same day a cold front moving slowly eastwards across Woking (Surrey) was accompanied by a small tornado, which caused considerable damage to a market garden. Whirlwinds were reported at Folkestone (Kent) and at Thorpe (Norfolk) on 23 September and 14 November respectively.

The aurora was observed in Scotland on 98 nights.



**Table 1 District values**

District	air temperature °C					mean 30-cm earth temp °C	rain- days	rainfall	sun- shine
	Highest Max†	Lowest Min†	max	min	mean				
			difference from average						
0 Scotland N	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 2 Solar radiation and illumination

Station	total radiation on a horizontal surface (milliwatt-hours per square centimetre)						diffuse radiation on a horizontal surface (milliwatt-hours per square centimetre)						total illumination on a horizontal surface (kilolux-hours)					
	max.	date	min.	date	daily mean	no. of days	max.	date	min.	date	daily mean	no. of days	max.	date	min.	date	daily mean	no. of days
Lerwick	818	Jun 21	1	Jan 3	231.2	365	405	Jul 17	1	Jan 3,6	141.3	365	987	Jun 21	2	Jan 3,6 Dec 19	274.2	365
Eskdalemuir	841	Jun 13	3	Jan 10	226.8	365	396	Jun 22	4	Jan 10	144.8	365	1006	Jun 13	5	Jan 10	269.2	365
Cardington	797	May 30	15	Jan 2	263.9	365	407	May 31	15	Dec 21	161.5	365	—	—	—	—	—	—
London Weather Centre	765	May 30	11	Jan 2	242.4	365	391	Jun 7	9	Jan 2	141.8	365	886	May 29	15	Jan 2	291.5	365
Kew	802	May 29	10	Jan 2	262.3	365	375	Jul 8	10	Jan 2	152.7	365	969	May 29	13	Jan 2	320.7	365
Easthampstead Beaufort Park	818	Jun 4	15	Dec 21	269.1	365	378	Jun 25	15	Dec 21	153.3	365	1006	Jun 4	21	Dec 21	328.5	365
Aberporth	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Aldergrove	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Jersey Airport	830	Jun 1	14	Dec 18	306.6	365	399	Jul 7	13	Dec 16	159.0	365	991	Jun 12	17	Dec 16	358.5	365

Table 3 Summary of daily observations

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)			max.	min.					amount (mm)	date															
0 SCOTLAND N																													
Zetland																													
Baltasound	99	24	10.4	5.0	7.7	+0.4	19.0	-4.1	7.8	-	1119	98	31	19 Dec	253	204	38	4	3	3	0	1	21	-	-	42	3.38	121	-
Lerwick	21-9	82	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psychrometer	-	-	9.3	5.4	7.3	-	16.5	-3.9	-	-	1006	-	23	19 Dec	229	185	24	6	3	33	3	10	14	75	52	27	3.32	114	-
Screen	-	-	9.6	5.5	7.5	+0.4	16.8	-4.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Orkney																													
Kirkwall Airport	21-9	26	10.4	5.6	8.0	+0.2	19.0	-2.0	-	-	894	-	19	17 June 8 Aug	246	175	30	1	16	23	0	7	9	61	48	17	3.36	104	-
Stenness	99	23	-	-	-	-	21.2	-	-	-	988	-	27	8 Aug	262	199	-	-	-	-	-	-	-	-	-	-	3.46	-	-
Caithness																													
Dounreay	99	21	(11.4)	4.9	(8.1)	-	21.0	-4.0	-	-	905	-	28	8 Feb	236	189	10	1	0	2	0	36	22	95	-	10	4.02	-	-
Keiss	99	30	10.5	4.8	7.7	-	20.3	-3.5	8.2	8.2	770	-	26	27 Nov	227	168	14	-	6	16	0	9	27	79	-	8	3.66	-	-
Wick	21-9	36	10.5	5.3	7.9	+0.2	19.7	-3.3	-	-	732	93	16	8 Feb	237	166	23	3	0	31	2	9	23	78	64	3	3.34	97	-
Sutherland																													
Cape Wrath	21-9	112	10.1	6.4	8.3	+0.4	19.9	-2.0	-	-	1137	98	25	6 Jun	246	200	36	1	7	27	3	9	5	15	16	33	3.45	-	-
Lairg	99	107	11.5	3.5	7.5	-	22.4	-6.9	7.5	7.5	982	-	25	8 Feb	259	190	49	13	15	3	3	10	78	171	-	2	3.25	-	-
Strathgy	99	37	11.4	4.3	7.9	+0.2	21.9	-5.2	-	-	1040	-	36	8 Feb	262	206	33	4	6	5	2	1	47	-	-	14	3.12	104	S
Ross & Cromarty																													
Achnashellach	99	67	(12.1)	4.6	(8.3)	(+0.4)	26.1	-4.1	-	-	2725	126	97	17 Jan	275	240	-	-	-	-	-	34	-	-	-	-	-	-	-
Balmacara	99	4	-	-	-	-	21.8	-	-	-	1799	-	43	9 Sep	256	226	-	-	-	-	-	-	-	-	-	-	-	-	-
Contin (Craigdarroch)	99	38	12.4	3.8	8.1	-	23.5	-6.4	-	-	853	-	25	8 Feb	222	169	31	12	6	1	0	12	66	125	-	2	-	-	-
Fortrose	99	5	11.4	5.8	8.6	-0.1	21.0	-1.5	-	-	592	91	16	2 Jul, 25 Dec	209	149	8	1	0	0	0	5	7	-	-	4	3.23	96	-
Inverpolly	99	14	-	-	-	-	21.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kinlochewe	99	23	12.4	4.8	8.6	-	23.6	-5.5	-	-	2199	-	47	19 Dec	247	230	11	7	1	4	0	11	32	161	-	2	2.40	-	-
Poolwee	99	6	12.3	6.1	9.2	-	22.3	-3.5	-	-	1631	-	65	6 Dec	259	220	5	1	13	1	2	1	12	86	-	9	3.43	-	S
Rubh Re	21-9	16	11.0	7.0	9.0	-	20.5	0.0	-	-	1233	-	43	10 Feb	255	208	16	0	0	11	2	0	0	7	4	39	-	-	-
Stornoway	21-9	3	10.9	5.7	8.3	0.0	18.5	-2.1	-	-	1207	-	30	10 Feb	268	210	28	1	4	36	1	1	14	59	49	23	3.67	108	-
Strathconon	99	107	11.9	3.6	7.7	-	23.1	-7.2	-	-	1386	-	38	11 Nov	269	200	-	8	-	-	-	-	70	188	-	-	-	-	-
Tarbatness	21-9	18	11.0	6.1	8.5	+0.2	20.6	-3.0	-	-	618	-	30	3 Jul	212	148	8	1	0	0	1	5	12	-	-	7	-	-	-
Inverness																													
Benbecula	21-9	6	11.4	6.4	8.9	0.0	21.0	-2.8	-	-	1358	-	42	5 Jul	267	209	16	0	19	19	4	2	10	63	41	27	4.04	107	-
Corrach	99	8	12.6	-	-	-	27.2	-	-	-	2294	-	70	10 Sep	261	225	7	4	5	4	2	-	-	-	-	2	-	-	-
Dalwhinnie	99	351	10.0	2.5	6.3	-	24.0	-9.5	-	-	1491	-	51	22 Nov	244	189	61	17	0	4	1	-	102	-	-	15	2.95	-	S
Glenmore Lodge	99	341	10.5	2.7	6.6	-	24.6	-8.6	-	-	1314	-	47	11 Jan	257	189	44	28	0	6	1	7	99	183	135	0	2.91	-	S
Inverness	99	4	12.1	5.7	8.9	-	21.5	-2.4	-	-	564	-	18	2 Jul, 10 Nov	197	143	10	1	0	2	1	8	16	87	-	1	3.21	-	-
Isle of Rhum	99	5	12.0	5.7	8.9	-	23.6	-2.6	9.7	9.7	2816	-	63	10 Nov	267	240	5	3	6	22	4	11	17	113	-	68	-	-	-
Lagganlia	99	250	11.0	2.7	6.9	-	25.6	-10.2	-	-	828	-	28	11 Jan	238	165	51	16	3	3	0	4	95	152	-	10	-	-	-
Onich	99	15	12.1	4.8	8.5	-0.1	24.0	(-2.0)	-	-	2300	113	50	18 Jan	248	239	-	4	-	-	-	36	25	93	-	-	2.72	94	S
Prabost	99	67	11.5	5.2	8.3	-	23.1	-2.2	-	-	1871	-	51	10 Feb	274	237	17	8	8	42	8	3	17	129	-	44	3.52	-	-
1 SCOTLAND E																													
Nairn																													
Nairn	99	6	11.9	4.4	8.1	-0.2	21.6	-5.7	-	-	571	-	16	20 Nov	218	139	12	2	1	5	2	3	46	128	-	4	3.53	100	-
Moray																													
Elgin	99	15	11.9	4.8	8.3	-	22.5	-3.0	-	-	591	-	14	15 Oct, 17 Dec	211	138	-	2	-	-	-	2	27	65	-	-	3.76	-	-
Forres	99	50	12.0	5.3	8.7	+0.4	23.0	-3.0	8.7	8.9	620	-	20	15 Oct	218	142	18	5	2	1	0	2	25	124	-	8	3.64	102	-
Gordon Castle	99	32	12.1	5.3	8.7	+0.3	22.9	-1.5	-	-	679	90	27	30 Jun	213	150	9	4	1	0	1	-	17	-	-	4	3.82	110	-
Grantown-on-Spey	99	229	11.2	2.6	6.9	-	24.6	-9.1	-	-	705	-	26	8 Feb	234	145	37	19	0	9	1	2	100	214	-	2	3.56	-	-
Kinloss	21-9	5	12.0	5.1	8.5	+0.2	23.6	-4.7	8.5	-	539	-	20	15 Oct	211	133	23	2	0	12	1	3	42	122	80	9	3.47	-	-
Banff																													
Banff	99	24	11.3	5.9	8.6	-	22.0	-1.6	-	-	648	-	17	8 Aug	200	143	-	2	-	-	-	9	9	-	-	-	3.55	-	-
Glenlivet	21-9	215	-	-	-	-	-	-6.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S



District Region/County and Place		max. min.	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		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													
1 SCOTLAND E—continued																															
Aberdeen																															
Aberdeen																															
Dyce Airport																															
Mannofield																															
Balmoral																															
Braemar																															
Craibstone																															
Dinnet																															
Fyvie Castle																															
Gartly																															
Kincardine																															
Banchory																															
Stonehaven																															
Angus																															
Arbroath																															
Dundee																															
Montrose																															
Mylnefield																															
Usan																															
Whitehills																															
Perth																															
Aberfoyle																															
Ardtalnaig																															
Ashintully Castle																															
Blairgowrie																															
Callander																															
Dall																															
Drummond Castle																															
Faskally																															
Gleneagles																															
Kindrogan																															
Perth																															
Pitlochry																															
Strathallan																															
Kinross																															
Kinross																															
Fife																															
Bellisdon																															
Glenrothes (Glenwood)																															
Kirkcaldy																															
Leuchars																															
Pitreavie																															
St Andrews																															
West Lothian																															
Livingston																															
Midlothian																															
Bush House																															
Edinburgh																															
Blackford Hill																															
East Craigs																															
Royal Botanic																															
Garden																															
Turnhouse Airport																															
Penicuik																															
Roslin																															
East Lothian																															
Dunbar																															
Haddington																															
Nunraw Abbey																															
Berwick																															
Blythe																															
Leitholm																															
Marchmont																															
St Abbs Head																															
Whitcheater																															
Peebles																															
Blyth Bridge																															
Glentress																															
Stanhope Farm																															
West Linton																															
Selkirk																															
Bowhill																															
Galashiels																															
Roxburgh																															
Greybrook																															
Kelso																															
Wauchope																															



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)			max.	min.					amount (mm)	date	0.2 mm or more	1.0 mm or more													
<b>6 SCOTLAND W—continued</b>																														
<b>Argyll</b>																														
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	-	
<b>Bute</b>																														
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	-	-	-	
<b>Dunbarton</b>																														
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	-	-	-	
<b>Stirling</b>																														
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	-	-	
Stirling (Batterflats)	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	-	-	
<b>Renfrew</b>																														
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	-	
<b>Lanark</b>																														
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	-	S	
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Ayr</b>																														
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.91	-	-	
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	-	-	
<b>Dumfries</b>																														
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Psychrometer	-	-	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	-	
Screen	-	-	10.9	3.8	7.3	+0.1	24.4	-6.0	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	-	-	-	-	-	-	
<b>Kirkcudbright</b>																														
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	228	180	10	7	0	2	1	4	77	-	-	0	-	-	-	
Girdstingwood	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Glenlee	99	55	12.4	4.2	8.3	0.0	26.4	-6.2	-	-	1753	116	64	29 Jan	230	181	-	1	-	-	-	5	68	164	-	-	-	-	-	
Glenlochar Barrage	99	47	12.2	4.3	8.3	-	25.8	-4.6	-	-	1237	-	45	6 Sep	219	165	8	0	0	1	3	3	53	-	-	25	-	-	-	
Palnure	99	15	12.4	-	-	-	24.8	-4.5	-	-	(1310)	-	44	9 Aug	215	182	6	0	0	2	2	28	-	-	-	4	-	-	-	
Threave	99	73	12.2	4.8	8.5	-	26.7	-5.7	9.2	-	1294	104	35	6 Sep	215	169	20	4	12	6	7	3	41	140	-	6	-	-	-	
<b>Wigtown</b>																														
Newton Stewart	99	46	-	-	-	-	25.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Penwhirn	99	166	10.9	-	-	-	23.5	-	-	-	-	-	51	29 Jan	235	193	-	-	-	-	-	5	-	-	-	-	4.07	-	-	
<b>2 ENGLAND E &amp; NE</b>																														
<b>Northumberland</b>																														
Acklington	21-9	42	11.6	5.0	8.3	0.0	22.4	-4.4	-	-	625	-	24	2 Jul	182	126	18	4	9	7	8	15	37	96	72	10	3.95	101	-	
Corbridge	99	49	12.2	4.6	8.4	-	24.1	-5.5	-	-	615	-	19	2 Jul	187	135	13	1	0	2	7	20	39	106	-	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		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																
2 ENGLAND E & NE—continued																														
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, 2 Sep	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	-	-	-	-	-	-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, 2 Sep	164	120	7	2	0	0	2	12	23	-	-	0	4.02	-	-	
Humberside																														
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	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	-	-	-	-	-	-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, 26 Aug	189	131	9	0	4	4	17	9	21	103	-	16	-	-	-	
Cromer	99	54	-	-	-	-	-	-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, 23 Sep	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, 4 Sep, 18 Nov	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	-	-	824	-	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	-6.1	-	-	579	-	29	4 Aug	158	114	9	1	2	4	16	13	12	69	40	3	-	-	-	
Suffolk																														
Aldeburgh	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				







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		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													
5 ENGLAND SE & CENTRAL S																														
Greater London																														
Bromley	99	65	14.3	6.8	10.5	+0.2	25.0	-2.0	-	-	843	-	29	10Feb	177	129	-	-	-	-	-	-	6	-	-	-	-	-	-	-
Enfield	99	17	14.5	7.5	11.0	-	25.6	-2.5	10.9	10.9	761	-	34	21Nov	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	21Nov	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	21Nov	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	4Sep	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	4Sep, 21Nov	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	4Sep	169	128	6	1	1	9	23	1	29	97	52	0	4.39	105	-	
North Wall Screen	-	-	14.1	7.5	10.8	+0.2	26.1	-2.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
London Weather Centre	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.19	109	-	
St James Park	99	4	(14.4)	-	-	-	25.5	-0.5	-	-	704	115	34	21Nov	169	125	-	-	-	-	-	-	-	-	-	-	-	-	-	
Southgate	99	67	(14.1)	(7.2)	(10.7)	(+0.5)	25.3	-2.6	(10.7)	-	770	118	33	21Nov	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	10Feb, 13Nov	169	130	-	-	-	-	-	-	8	-	-	-	-	-	-	
Wiltshire																														
Boscombe Down	21-9	126	13.2	6.0	9.6	0.0	24.9	-2.1	-	-	936	129	44	13Nov	195	141	15	2	8	2	13	13	20	110	62	6	4.49	106	-	
Lacock	99	49	-	-	-	-	25.5	-5.6	-	-	809	-	41	26Sep	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	13Nov	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	26Jun, 26Sep	189	136	14	3	12	4	10	17	26	94	67	3	4.07	-	-	
Porton	99	110	13.4	5.0	9.2	-0.1	25.0	-3.0	9.8	-	941	124	43	13Nov	180	128	-	0	-	-	-	11	37	115	75	-	4.33	100	-	
Upavon	21-9	179	12.9	5.8	9.3	-	25.2	-2.7	-	-	1014	-	43	13Nov	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	4Sep, 13Nov	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	16Jun	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	17Nov	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	4Sep	172	125	-	1	-	-	-	6	17	101	-	-	-	-	-	
Surrey																														
Mickleham	99	55	-	(5.1)	-	-	24.3	-5.6	-	-	988	-	38	13Nov	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	4Sep	176	137	7	2	5	3	13	32	23	92	-	20	4.15	102	-	
Kent																														
Dover	99	6	-	-	-	-	-	-1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dungeness	99	3	13.1	7.9	10.5	-	25.1	-2.7	-	-	854	-	29	21Nov	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	10Feb	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	10Feb	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	10Feb, 13Nov	166	129	5	1	2	1	15	12	8	(82)	-	0	(4.17)	-	-	
Folkestone	99	31	13.1	6.7	9.9	-	24.8	-3.8	-	-	911	127	30	21Nov	173	134	6	0	1	1	17	2	17	-	-	47	4.74	99	-	
Gillingham	99	4	-	-	-	-	-	-2.0	-	-	718	-	33	10Feb	155	121	-	-	-	-	-	-	-	-	-	-	-	-	-	
Goudhurst	99	85	13.3	5.9	9.6	+0.3	24.1	-4.2	-	-	1040	124	49	10Feb	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	10Feb	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	4Aug	162	128	0	0	0	0	3	6	6	60	-	0	4.42	100	-	
Manston	21-9	44	13.4	7.1	10.3	-	24.8	-2.9	-	-	613	-	21	7Oct	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	10Feb	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	10Feb	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	13Nov	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	4Sep	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	4Sep	168	120	2	0	2	0	15	0	3	-	-	11	-	-	-	
Leckford	99	117	-	-	-	-	-	-2.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Long Sutton	99	145	13.2	5.9	9.5	-	24.2	-3.1	10.7	-	1060	-	37	4Sep	175	138	6	2	6	1	11	23	23	83	49	11	4.05	98	S	
Martyr Worthy	99	84	13.6	(5.5)	(9.5)	-	25.4	-2.7	-	-	1042	-	44	4Sep	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	4Sep	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	21Nov	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	4Sep	172	123	0	0	1	3	7	2	0	60	-	6	4.79	100	-	
Isle of Wight																														
Ryde	99	4	13.7	7.4	10.5	-0.4	23.9	-0.8	-	-	964	123	48	4Sep	176	119	3	0	10	0	12	4	3	-	-	22	4.83	100	-	
St Catharines Point	99	16	13.3	8.2	10.7	+0.2	25.0	-0.7	-	-	834	109	43	4Sep	159	123	2	-	9	3	12	0	2	-	-	50	-	-	-	
Sandown	99	4	14.0	8.2	11.1	+0.2	26.2	-0.1	-	-	987	-	46	4Sep	128	119	0	-	1	0	9	4	1	-	-	10	5.21	103	-	
Shanklin	99	55	13.0	7.3	10.1	0.0	24.1	-2.3	-	-	1111	-	54	4Sep	175	134	2	-	7	3	11	5	8	-	-	13	5.23	100	-	
Ventnor	99	135	13.3	7.9	10.6	+0.1	24.6	-0.6	11.4	11.5	1037	-	46	4Sep	175	135	3	0	2	0	7	8	1	8	-	22	4.95	99	-	
West Sussex																														
Bognor Regis	99	7	13.5	(7.																										



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)			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	6.0	-	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, 19 Oct	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, 19 Oct	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	-	-	
Pen-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																														
Alwen	99	335	10.5	3.5	7.0	-	23.0	-6.2	-	-	1529	122	33	7 Sep	240	196	-	-	-	-	-	77	164	-	-	-	-	-	-	
Bwlchwyn	99	386	-	-	-	-	-	-5.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Colwyn Bay	99	24	(13.0)	(7.3)	(10.1)	-	25.4	-0.5	-	-	1020	-	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	-	-	1344	-	44	7 Sep	230	180	16	6	8	0	5	51	114	-	-	1	-	-	-	
Hawarden Bridge	99	5	-	-	-	-	-	(-3.3)	-	-	(790)	(112)	28	20 Nov	(210)	(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	7.1	-0.4	22.4	-5.5	8.1	-	1890	-	77	7 Sep	242	200	37	16	27	6	9	18	40	102	-	27	-	-	-	
Moel Cynnedd	99	358	10.6	3.6	7.1	-	23.1	-6.0	-	-	2736	-	74	14 Jan	258	226	25	10	5	5	8	-	89	136	-	0	-	-	-	
8a WALES S																														
Dyfed																														
Aberporth	21-9	133	11.8	7.1	9.5	-0.2	26.2	-1.2	-	-	1026	108	35	4 Jan	207	166	7	1	12	13	14	4	-	62	27	25	4.03	94	-	
Aberystwyth	99	4	-	-	-	-	-	-	-	-	1005	-	26	5 Sep	204	164	0	0	4	1	0	1	-	-	-	3	-	-	-	
Brynmman	21-9	183	12.3	6.1	9.2	-	24.5	-3.3	-	-	1853	-	46	4 Jan	237	199	11	4	31	1	7	10	19	58	-	0	-	-	-	
Cardmarthen	99	15	-	-	-	-	-	-4.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S	
Cwmystwyth	99	301	11.0	4.5	7.7	-	22.5	-4.2	-	-	2065	-	36	13 Nov	251	216	9	6	10	0	4	-	-	-	-	4	-	-	S	
Dale Fort	99	33	(13.0)	(8.2)	(10.6)	(+0.1)	23.3	0.2	(11.0)	-	807	-	23	8 Jan	201	143	2	0	2	9	5	4	0	37	-	57	-	-	-	
Esgairwen-Uchaf	99	332	-	-	-	-	22.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Gogerddan	99	31	12.9	6.3	9.6	-	26.0	-3.0	-	-	1005	-	24	5 Sep	209	170	3	0	9	0	3	10	20	102	-	2	3.75	-	-	
Llety-Evan-Hen	99	290	10.8	5.7	8.3	-	22.8	-2.5																						



Table 3 (continued)

District Region/County and Place	max. min.	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		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															
8a WALES S—continued																																
West Glamorgan																																
Mumbles Head	21-9	36		7.9	-	-	23.9	-0.6	-	-	-	-	-	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	-	-	1510	116	41	2 Jul	219	187	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		35	2 Jul	215	175	2	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											2	11	45		4	3.91	-	-	S		
Swansea	99	8		-	-	-	26.5	0.5	-	-												-	-	-	-	-	-	-	-	S		
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	-	-	S		
Porthcawl	99	6	13.3	-	-	-	25.5	-	-	-	1129		39	2 Jul	210	173	-	-	-	-	-	-	-	-	-	-	-	4.21	-	-	S	
South Glamorgan																																
Cardiff	99	62	-	-	-	-	25.3	-1.5	-	-	-											-	-	-	-	-	-	-	-	-	S	
Rhoseo 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																																
Crumblant	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	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	21-9	59				-	-																									







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						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)														
																									18 or more	6-7	4-5	1-3	calm										
																																						number of observations	
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	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	0	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	0	5	1	5	7	42	55	115	135	1	30	194	139	1	26	18	17	85	81	27	48	62		
	21	1008.7	-	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	4	5	11	0	0	6	54	154	135	8	36	111	191	19	17	23	44	35	29	112	56	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	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	84	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	1	7	49	62	137	107	3	48	151	144	19	44	23	26	38	75	46	66	28		
<b>1 SCOTLAND E</b>																																							
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	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	25	200	125	4	35	6	40	44	95	37	64	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	186	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	81	25	30	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	20	119	69	11		
	9	1010.5	+4.7	8.7	1.5	9.3	81	6.1	2	38	57	176	88	4	0	3	2	5	5	15	54	104	121	56	1	15	146	182	21	12	45	42	14	31	88	97	15		
	15	1010.1	-	11.0	2.5	9.3	71	6.1	4	32	61	194	73	1	0	0	2	3	1	10	52																		



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														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)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
																									8 or more	6-7	4-5	1-3	calm	N	NE	E	SE	S	SW	W	NW																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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Table 4 (continued)

Height of barometer above MSL (metres)	hour of observation (GMT)	mean pressure		mean temperature and humidity				cloud amount					visibility					wind speed and direction																							
		at MSL (mb)	difference from 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	34 or more	6,7									4,5	1-3	calm				
																																						speed (kt)			
																																						22-33	11-2	1-10	0
number of observations																																									
4 MIDLAND COUNTIES - continued																																									
West Yorkshire, Wilsden																																									
267	3	1012.8	-	7.3	1.1	8.9	85	6.0	14	36	65	85	136	29	2	7	11	17	14	9	95	172	38	0	2	26	148	162	27	20	29	35	23	41	72	89	29				
	9	1012.3	-	9.5	2.1	9.1	75	6.1	7	26	89	102	133	8	0	4	0	8	7	8	90	179	67	2	1	26	180	140	18	15	32	35	30	26	66	119	24				
	15	1013.3	-	7.2	1.1	8.9	85	5.8	15	52	59	61	169	9	0	6	1	6	5	11	105	217	14	0	0	25	116	190	34	17	28	33	26	33	62	119	13				
South Yorkshire, Funningley																																									
15	3	1012.4	-	6.9	0.7	9.2	89	5.5	28	49	60	92	127	9	0	8	3	13	20	28	102	82	87	22	0	10	92	242	21	54	14	9	29	86	49	75	28				
	9	1012.7	+3.5	9.3	1.5	9.7	81	6.1	3	39	62	141	116	4	0	5	1	10	17	40	57	107	104	24	1	9	168	180	7	44	29	18	25	76	51	70	45				
	15	1012.1	-	12.1	2.8	9.8	69	6.0	7	26	74	161	97	0	0	0	0	1	2	25	38	124	133	42	1	15	196	151	2	33	33	30	22	61	49	93	42				
	21	1012.9	-	8.6	1.2	9.7	84	5.5	18	61	61	113	111	1	0	1	0	6	16	36	85	117	91	13	0	6	106	236	17	33	21	27	32	60	62	82	31				
Nottinghamshire, Watnall																																									
119	3	1013.1	-	6.9	0.6	9.3	91	5.6	25	48	60	89	133	10	0	6	4	11	20	47	120	119	38	0	0	7	93	250	15	38	44	12	9	58	89	75	25				
	9	1013.2	+3.1	8.8	1.3	9.8	84	6.2	4	36	53	140	125	7	0	5	3	9	32	40	100	106	65	5	0	6	159	194	6	29	49	19	15	47	95	68	36				
	15	1012.6	-	11.5	2.5	9.9	72	6.2	5	23	69	156	111	1	0	1	0	2	10	27	74	99	129	23	0	7	197	156	5	33	47	23	17	37	92	81	30				
	21	1013.6	-	8.5	1.1	9.8	85	5.6	16	59	60	116	114	0	0	0	1	10	18	44	103	147	42	0	0	3	126	229	7	24	55	24	14	42	90	88	21				
Salop, Shawbury																																									
76	3	1013.0	-	7.1	0.7	9.3	89	5.7	18	44	66	103	131	3	0	4	1	13	17	29	51	78	160	12	0	8	60	254	43	27	22	34	17	64	59	76	23				
	9	1013.3	+3.3	9.2	1.4	9.8	83	6.2	3	24	70	169	98	1	0	2	0	7	13	31	57	58	154	43	0	7	117	230	11	33	18	36	28	70	50	87	32				
	15	1012.7	-	11.9	2.5	10.1	72	6.1	4	23	71	185	82	0	0	0	1	0	4	16	51	73	155	65	0	5	164	194	2	39	17	39	24	53	47	101	43				
	21	1013.5	-	8.8	1.2	9.8	84	5.6	14	43	84	116	108	0	0	0	0	1	11	30	67	59	173	24	0	3	75	272	15	27	17	50	16	57	58	89	36				
West Midlands, Edgbaston																																									
165	9	1013.8	+3.1	8.6	1.3	9.5	83	6.2	7	29	59	137	125	8	0	1	6	13	17	20	124	118	53	13	0	7	106	234	18	33	36	29	12	67	67	36					
	15	1013.0	-	11.5	2.7	9.5	70	6.3	7	16	64	191	86	1	0	0	0	3	9	13	88	131	76	45	0	11	135	211	8	40	26	33	13	50	67	82	46				
	21	1014.0	-	9.4	1.5	9.7	81	5.6	22	47	61	132	103	0	0	0	0	5	7	18	107	148	60	20	0	4	84	263	14	38	29	35	12	53	65	83	36				
West Midlands, Elmdon																																									
100	3	1013.5	-	7.0	0.7	9.2	89	5.8	18	49	54	96	140	8	1	4	4	14	15	28	64	119	106	10	0	13	91	237	24	32	36	13	34	80	64	44	38				
	9	1013.7	+3.1	9.0	1.4	9.6	82	6.1	4	38	53	146	118	6	0	2	2	6	12	28	92	147	67	9	0	15	151	195	4	33	46	13	31	66	69	62	41				
	15	1013.0	-	11.9	2.8	9.7	69	6.2	3	21	69	185	87	0	0	0	0	0	4	9	65	153	105	29	1	22	180	160	2	24	46	26	19	59	66	78	45				
	21	1013.9	-	9.0	1.4	9.6	81	5.5	17	58	56	133	101	0	0	0	0	2	11	20	82	138	108	4	1	8	107	232	17	20	44	22	25	64	77	54	42				
Hereford & Worcester, Pershore																																									
36	3	1013.5	-	7.5	0.8	9.5	88	5.5	30	53	47	89	141	5	0	6	1	0	9	23	88	93	113	32	0	13	97	206	49	24	43	14	20	81	80	37	17				
	9	1013.7	-	9.5	1.6	9.9	81	6.2	7	34	44	158	118	4	0	5	1	4	15	19	65	98	112	46	0	10	150	197	8	31	37	22	65	84	62	30					
	15	1013.1	-	12.7	3.1	9.9	67	6.4	3	19	52	195	96	0	0	0	0	0	2	9	52	84	144	74	0	20	199	145	1	26	41	24	20	57	70	88	38				
	21	1013.9	-	9.4	1.5	9.8	81	5.5	16	64	54	111	120	0	0	0	1	1	5	11	71	92	142	42	0	7	110	230	18	20	49	21	24	69	90	49	25				
Gloucestershire, Gloucester																																									
24	3	1013.8	-	8.4	0.8	10.1	89	5.4	26	57	60	90	129	3	0	2	0	2	6	45	88	126	89	7	0	11	89	202	63	29	32	10	16	82	91	33	9				
	9	1014.2	+3.1	10.1	1.5	10.4	82	6.1	4	35	58	149	113	6	0	4	3	4	6	32	75	116	88	37	0	10	147	173	35	40	41	11	19	70	92	41	16				
	15	1013.5	-	13.1	2.8	10.6	69	6.3	3	18	65	181	98	0	0	0	0	3	1	15	65	101	124	56	0	14	177	166	8	41	34	20	21	50	117	48	26				
	21	1014.4	-	10.2	1.5	10.5	82	5.4	19	51	71	134	90	0	0	1	0	1	5	28	87	127	90	26	0	9	98	216	42	24	39	16	17	70	111	30	18				
Gloucestershire, Little Rissington																																									
229	3	1013.9	-	6.9	0.7	9.2	89	5.6	36	50	44	84	138	13	0	16	5	12	7	35	80	89	92	29	0	18	126	217	4	43	41	15	17	53	86	65	41				
	9	1014.1	+2.9	8.3	1.3	9.3	84	6.2	5	38	46	147	119	10	0	17	5	10	9	19	83	70	108	44	0	18	174	169	4	39	45	21	17	49	79	80	31				
	15	1013.4	-	11.1	2.7	9.3	69	6.1	3	29	71	174	88	0	0	2	0	2	9	13	49	79	132	78	2	24	204	133	2	36	41	21	16	39	86	87	37				
	21	1014.5	-	8.4	1.3	9.3	82	5.4	17	64	61	109	109	5	0	5	3	1	7	18	71	96	126	36	0	12	126	217	10	26	53	17	11	46	102	66	34				
Oxfordshire, Brize Norton																																									
92	3	1013.9	-	7.4	0.8	9.4	-	5.3	44	53	50	77	139	2	0	0	2	5	11	38	94	82	115	18	0	3	68	263	31	27	51	18	6	51	95	60	26				
	9	1014.1	-	9.3	1.5	9.7	81	6.0	10	41	48	140	124	2	0	0	5	6	10	23	72	91	119	39	0	3	144	204	14	28	54	24	16	48	90	61	30				
	15	1013.4	-	12.4	3.1	9.5	66	6.0	4	32	67	170	92	0	0	0	0	0	2	10	46	84	146	77	0	7	177	178	3	30	52	20	14	46	85	79	36				
	21	1014.4	-	9.3	1.5	9.7	81	5.1	25	68	61	105	104	2	0	2	0	2	2	16	69	98	134	41	0	2	75	268	20	21	60	17	11	49	93	67	27				
5 ENGLAND SE & CENT. S																																									
Greater London, Heathrow																																									
26	3	1014.2	-	8.4	0.9	9.9	88	5.3	35	60	49	89	130	2	0	2	0	1	8	31	117	102	100	4	0	2	61	292	10	31	44	20	21	52	65	79	43				
	9	1014.4	+2.9	10.2	1.6	10.2	80	6.0	4	48	54	145	113	1	0	1	0	3	10	36	91	105	110	9	0	3	113	248	1	33	42	28	20	46	69	77	49				
	15	1013.8	-	13.3	3.3	10.0	65	5.9	4	32	84	156	89	0	0	0	0	0	1	10	56	106	165	27	0	4	164	195	2	37	33	27	14	40	71	94	47				
	21	1014.7	-	10.4	1.7	10.1	79	5.2	22	70	51	132	89	1	0	1	0	0	1	18	90	126	126	3	0	2	77	283	3	31	36	32	13	51	79	87	33				
Greater London, Kew																																									
10	3	1014.1	-	8.0	1.1	9.5	86	-	-	-	-	-	-	-	-	-																									



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																			
								mean	0	1	2	3	4	5											6	7	8	sky obscured	speed (kt)															
																													34 or more	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW			
number of observations																																												
5 ENGLAND SE & CENS - continued																																												
West Sussex, Gatwick 60	3	1014.5	-	7.3	0.5	9.8	92.5	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	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	-	12.8	2.8	10.3	70.6	7	30	74	163	91	0	0	0	0	2	17	80	100	126	40	0	14	180	169	2	40	28	28	12	38	96	82	39									
	21	1015.0	-	9.0	1.1	10.2	86.5	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	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	6	53	59	136	111	0	0	0	0	1	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	3	44	78	163	77	0	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	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	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	6	26	56	186	88	3	0	0	3	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	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	8	69	50	136	102	0	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	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	6	45	46	173	93	2	2	0	2	5	30	83	92	125	24	1	23	196	143	2	20	25	62	66	30	57	72	31									
	15	1012.2	-	1.6	2.2	10.4	75.5	6	42	63	171	83	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	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	13	49	65	144	94	0	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	7	40	47	199	71	1	1	0	1	5	7	46	77	98	84	46	0	16	165	177	7	26	17	35	52	79	32	80	37								
	15	1012.1	-	12.1	2.4	10.5	73.5	8	33	67	193	64	0	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	16	66	61	149	73	0	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	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	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	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	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	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	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	23	59	102	86	95	0	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	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	3	48	51	165	97	1	0	0	1	2	1	21	51	101	79	109	1	39	190	128	7	29	15	55	35	47	84	85	28								
	15	1011.6	-	11.0	2.1	9.9	74.5	7	46	69	162	81	0	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	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	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	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	8	15	72	120	144	6	2	5	1	0	0	1	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	22	28	85	63	166	1	1	1	1	0	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	32	58	60	92	121	2	0	1	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	30	52	176	98	1	0	0	1	2	1	23	57	90	150	41	9	64	139	106	7	32	32	28	18	79	65	89	35								
	15	1012.3	-	11.7	2.6	9.7	70.5	12	36	57	183	77	0	0	0	0	1	5	60	88	139	72	8	68	200	88	1	32	37	15	7	67	100	60	46									
	21	1012.8	-	9.7	1.6	9.7	79.5	19	62	71	122	101	0	0	0	0	1	22	69	100	130	43	6	73	146	124	16	39	33	36	9	70	75	53	34									
8a WALES S																																												
Dyfed, Aberporth 134	3	1013.2	-	8.4	0.9	9.9	87.5	29	57	55	95	127	2	0	0	1	3	4	21	79	104	110	43	2	45	156	159	3	21	16	34	32	122	46	47	44								
	9	1013.5	+3.6	9.4	1.2	10.1	83.6	10	30	43	188	92	2	0	1	3	0	3	15	86	119	108	30	2	46	175	137	5	29	28	19	39	81	41	81	42								
	15	1013.3	-	10.8	1.8	10.3	78.6	6	49	45	163	101	1	0	1	0	1	1	12	71	114	108	57	2	42	199	122	0	41	14	23	19	59	64	84	61								
	21	1013.9	-	9.2	1.1	10.1	85.5	21	58	64	117	103	2	0	1	2	5	2	11	81	111	100	49	4	37	174	143	7	33	17	31	32	94	69	53	29								
Dyfed, Brynamman 9	-	-	-	9.0	1.1	10.0	85.6	7	33	34	161	124	6	0	1	1	8	35	38	126	105	51</																						



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						sky obscured	0-39m	40-190m	200-390m	400-990m	1000-1900m	2000-3900m	4-9Km	10-19Km	20-39Km	40Km and over	beaufort force						speed (kt)										
								mean	0	1, 2	3, 5	6, 7	8												18 or more	6, 7	4, 5	1-3	calm	22-33	11-21	1-10	0	N	NE	E	SE	S	SW	W	NW
number of observations																																									
8b 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	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	99	1	0	1	0	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	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	26				
	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	25	28	84	50	87	26					
	21	1010.8	-	8.1	0.7	10.0	90	5.1	30	67	58	106	103	1	0	1	1	1	5	18	43	62	234	0	0	15	90	249	11	32	9	14	16	123	50	77	33				
Co Antrim, Aldergrove 73	3	1011.0	-	7.2	0.9	9.2	87	5.3	32	54	57	108	112	2	0	2	1	4	7	27	54	68	158	44	1	6	131	219	8	28	16	44	45	94	55	52	23				
	9	1011.1	+4.5	8.7	1.3	9.6	83	5.9	4	36	74	174	76	1	0	1	2	4	8	24	42	84	159	41	0	13	156	192	4	28	22	37	34	74	77	65	24				
	15	1010.9	-	11.2	2.4	9.7	72	6.1	2	26	71	191	75	0	0	0	0	2	21	39	82	134	87	0	15	206	144	0	28	16	30	39	68	84	66	44					
	21	1011.5	-	8.5	1.2	9.5	84	5.3	19	70	52	134	90	0	0	1	1	0	5	24	58	73	154	49	0	11	125	223	6	31	25	36	52	89	48	50	28				
Co Tyrone, Carrigans 112	9	1011.1	-	8.3	1.0	9.7	87	5.7	9	42	74	132	106	2	0	0	8	5	4	20	87	101	91	49	0	8	80	250	27	37	4	26	45	85	46	61	34				
	15	1011.0	-	11.1	2.1	10.2	76	5.9																																	



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

[illegible]

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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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 - continued																											
	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	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	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	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	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	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	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	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	45
	Greater Manchester	Manchester	87	31	21	0	8	5	9	0	23	19	58	84	345	4	1	1	0	0	0	0	0	0	1	10	5	22
		Ringway Airport	121	30	31	1	2	6	15	0	21	25	59	101	412	9	0	0	0	0	0	0	0	1	0	7	5	22
		Weather Centre	-	121	37	4	25	22	28	11	42	99	150	278	-	-	14	2	0	0	0	3	0	0	22	28	26	-
	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	210
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	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	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	0	13	0	7	13	51
	South Glamorgan	Rhosee Airport	90	31	16	0	1	11	3	1	53	17	65	133	421	11	0	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	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	0	-	-	-	-	-
		Mount Batten	266	155	23	7	41	32	12	7	123	65	122	189	1042	75	40	0	0	0	0	0	0	24	3	26	20	188
	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	0	18	0	2	20	130
		Scilly (St Mary's)	294	211	30	9	61	58	17	31	179	187	183	254	1514	98	50	0	0	3	0	0	0	65	12	41	42	311
CHANNEL ISLANDS																												
		Jersey Airport	91	83	11	5	5	2	5	14	130	112	102	108	668	17	13	0	0	0	0	0	0	22	4	10	9	75
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	0	2	8	9	46
		Ballypatrick Forest	311	93	-	21	-	11	-	-	-	77	143	-	-	69	8	-	0	-	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	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	0	3	12	-	-
	Fermanagh	Castle Archdale	-	-	-	-	-	0	0	-	1	8	44	-	-	-	-	-	-	-	0	0	-	0	0	2	-	-
		Forest	-	-	-	-	-	0	0	-	1	8	44	-	-	-	-	-	-	-	0	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
<b>OSOTLAND N</b>			
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)		Jan 16; Jun 6; Sep 7; Dec 26 29;
Fort Augustus (Hydro-Electric Board)	Jan 8 10-12 28; Nov 11; (Defective Jan)	<b>4 MIDLAND COUNTIES</b>	
<b>1 SCOTLAND E</b>		Finningley	Sep 7; Oct 27; Nov 25 27 28; Dec 10 17 28 29;
Kinloss	Jan 10 12 23 28; Jul 21; Oct 27; Nov 11; Dec 5 12 18 24;	Sheffield	Jan 11 12 19; Sep 7; Oct 27; Nov 25 27 28; Dec 17 20 26 28 29;
Lossiemouth	Jan 4 10 12 23 28; Jul 21; Oct 27 28; Nov 11; Dec 3-5 12 18 24; (Defective Jan)	Watnall	Jan 7 8; Feb 2; Sep 7; Dec 17 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)	Keele	Jan 5 8 12 16; Oct 27; Nov 27; Dec 12 17 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)	Cottesmore	Jan 8 11 15 16; Feb 11; Sep 7; Nov 25 27 28; Dec 11 16 17 26; (Defective Dec)
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;	Shawbury	Jan 16; Sep 7; Nov 14; Dec 26 29;
Rannoch	Jan 5 12 28; Nov 11; Dec 20; (Defective most months)	Edgbaston	Jan 7 8 12 16; Dec 11 12
Tummel Bridge	Jan 11 12; Nov 11; Dec 20; (Defective Feb)	Elmdon	Jan 8 11 15 16; Sep 3 7; Oct 27 28; Nov 27 28; Dec 10-12 17 28 29;
Leuchars	Jan 10-12 15 28; Nov 9 11; Dec 19 20 28;	Pershore	Jan 5 8 11 12 16 27; Feb 10 11; Mar 19; Sep 7; Dec 26 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;	Fairford	Jan 8 11 16 27; Feb 10 11; Mar 19; Sep 7; Nov 14 27 28; Dec 26 29;
<b>6 SCOTLAND W</b>		Abingdon	Jan 8 16; Sep 7; Dec 11 26 29; (Defective Dec)
Dunstaffnage	Jan 4 10 12 15 27 28; Sep 21; Oct 27; Nov 9 11 27; Dec 4 17 28; (Defective Feb, Dec)	Brize Norton	Jan 8 16; Sep 7; Dec 26;
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;	<b>5 ENGLAND SE &amp; CENTRAL S</b>	
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;	Hampton	Jan 11 16 17; Feb 10 11; Sep 7; Nov 14 27 28; Dec 11 17 26 28;
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;	Heathrow Airport	Jan 16; Feb 9 10; Dec 11;
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)	Kew	Jan 8 11 12 16; Feb 10 11; Sep 7; Nov 13 14; Dec 11 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)	London Weather Centre	Jan 7 8 11 16 17 27; Feb 9 11; Jun 6; Sep 7; Oct 28; Nov 11 13 14; Dec 11 17 26-28;
East Kilbride	Jan 10 12 15 28; Nov 9; Dec 17; (Defective Dec)	Boscombe Down	Jan 8 12 16 27; Feb 6 10 11; Dec 11 17 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)	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;
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;	Porton	Jan 8 12 16 27; Feb 10 11; Sep 7; Nov 13;
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;	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;
West Freugh	Jan 10 12 27 28; Oct 27; Nov 24 25 28; Dec 17; (Defective Jan)	Isle of Grain	Jan 16 17; Feb 9-11; Sep 7; Nov 14 27; Dec 11 26; (Defective Jan-Apr, Jul)
<b>2 ENGLAND E &amp; NE</b>		Manston	Jan 13 16 17; Feb 9-11; Sep 2 7; Nov 11 13 14;
South Shields	Oct 29; Dec 17 28 29;	Farnborough	Jan 7 8 11 16; Feb 10 11; Sep 7; Nov 14;
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)	Middle Wallop	Jan 8 12 16; Feb 10 11 22; Sep 7; Nov 13 14;
Middlesbrough	Jan 4 5 10 12 28 30; Oct 29; (Nov, Dec missing)	Gatwick Airport	Jan 13 16 28; Feb 9-11; Sep 7; Dec 26;
Church Fenton	Jan 12 15 16 19 28; Mar 17; Sep 7; Nov 25 27 28; (Defective Feb, Dec missing)	Thorney Island	Jan 11 13 16; Feb 11; Sep 2 7 23; Nov 11 13; Dec 26;
Leeming	Jan 12 15 19 28; Dec 17 28 29 31;	<b>7A ENGLAND NW &amp; IOM</b>	
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;	Carlisle	Jan 10 12 15 28; Feb 10; Mar 17; Nov 9-11 27; Dec 17 19-21 28;
Coningsby	Jan 8 15 16; Jun 6; Sep 7; Nov 27; Dec 10 17 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; (Defective Mar, Oct)
Cranwell	Jan 8 12 16; Feb 2 11; Mar 19; Jun 6; Sep 7; Nov 11 25 27; Dec 17 28;	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)
Manby	(Jun - Dec missing)	Sellafield	Jan 5 10 12; Nov 24; Dec 17; (Defective Jan, Apr)
Waddington	Jan 8 10 12; Feb 11; Sep 7; Nov 27; Dec 29;	Fleetwood	Jan 5 10 12 13 15 16 28; Feb 11 12; Jul 1; Sep 7; Oct 27 28; Nov 10 24 25 27 28; Dec 4 10-12 16-18 29;
<b>3 EAST ANGLIA</b>		Squires Gate Airport	Jan 12 15 16 28; Sep 7; Nov 11 24 25 28; Dec 11 17; (Defective Oct)
Coltishall	Jan 8 11 16; Feb 11; Sep 7; Nov 14 28; Dec 11 17 28 29;	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)
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)	Speke Airport	Jan 5 12 16 28; Jul 1; Sep 7; Oct 27; Nov 24 25 27 28; Dec 11 12 17 19 29;
Marham	Jan 8 16; Feb 10 11; Sep 7; Oct 29; Nov 27; Dec 11 17;	Ringway Airport	Jan 5 12; Feb 10; Mar 19; Oct 27; Nov 25 27 28; Dec 11 17 29;
West Raynham	Jan 8 11 16 17 28; Feb 10 11; Jun 6; Sep 7; Nov 14 25 27; Dec 17;	Manchester Weather Centre	Jan 5 12 15 16; Sep 7; Nov 11 25 27 28; Dec 11 17 28 29;
Wittering	Jan 8 11 12 16; Feb 10 11; Sep 7; Oct 27; Nov 25 27 28; Dec 17 28;	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;
		<b>7B WALES N</b>	
		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;
		<b>8A WALES S</b>	
		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 - <i>continued</i>			
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	
<b>0 SCOTLAND NORTH</b>								
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
<b>1 SCOTLAND EAST</b>								
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
<b>6 SCOTLAND WEST</b>								
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
Ardrossan	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	1-35-11
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	46-23
	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									
O SCOTLAND N																		
Balsasound	June 14	19.0	Aug 10	12.4	Dec 11	0.4	Dec 13	-4.1	Glenbrether	June 21	25.8	Aug 31	14.2	Nov 20	2.4	Nov 20	-5.2	
Lerwick	June 21	16.5	Sept 1	13.0	Dec 11	1.2	Dec 12	-3.9	Knapdale Forest	June 21	25.4	Sept 13	13.8	Feb 13	2.5	Nov 20	-3.5	
Psychrometer	June 21	16.8	Sept 1	12.9	Dec 11	1.4	Dec 12	-4.6	Macbrannish	June 21	22.5	Sept 13	14.1	Jan 27	4.0	Nov 21	-3.1	
Screen	June 21, Aug 15	19.0	July 9, Aug 8, Sept 1	12.5	Dec 11	2.2	Dec 11	-2.0	Polloch	June 21	25.2	—	—	—	—	Mar 20	-3.6	
Kirkwall Airport	Aug 15	21.2	Aug 8	12.7	—	—	—	—	Rhuval	June 22	20.7	June 22	14.4	Feb 13, 28	5.0	Feb 6	0.0	
Stenness	July 8	21.0	July 19	13.0	Feb 7	2.0	Dec 13	-4.0	Tiree	June 21	21.9	Aug 31	14.0	Dec 10	4.4	Mar 5	-1.5	
Dounreay	Aug 7	20.3	Aug 8	12.7	Dec 12	2.4	Feb 8	-3.5	Broddick Castle	June 21	25.6	Aug 8	14.3	Feb 13	3.6	Nov 20	-2.7	
Keiss	Aug 15	19.7	Aug 7	13.0	—	—	Feb 14, 20	-3.3	Rothsay	June 21	25.5	Aug 8	14.5	Feb 13, 28	3.0	Feb 14, Mar 1, 3, Nov 20	-0.5	
Wick	Aug 8	19.9	Aug 8	14.6	Feb 8, Dec 11	3.0	Dec 12	-2.0	Arrochmore	June 21	25.3	Aug 8	14.0	Feb 28	2.2	Nov 20	-3.3	
Cape Wrath	Aug 16	22.4	Aug 7	12.9	Dec 11	0.6	Feb 14	-6.9	Cumernauld	June 21	23.5	—	—	Dec 11	0.3	Nov 20	-5.7	
Laig	June 21	21.9	Aug 8	13.0	Dec 11	2.8	Feb 14	-5.2	Finnart	June 21	25.5	—	—	—	—	—	—	
Strathly	June 13	26.1	Aug 7	13.4	Nov 19	2.0	Nov 20	-4.1	Helensburgh	June 21	25.1	Aug 31	13.0	Feb 28	0.8	Nov 20	-4.0	
Achnashellach	June 21	21.8	Aug 8	14.9	—	—	—	—	Sloy	June 21	25.0	June 17	14.0	Jan 3	1.9	Mar 21	-3.6	
Balmacara	June 21	23.5	Aug 7	14.1	Dec 11	1.0	Feb 14	-6.4	Earls Hill	June 21	22.5	Aug 21, 31	11.4	Dec 11	-0.3	Jan 3	-5.0	
Contin	June 21	21.0	July 19, Aug 8, 15	13.5	Feb 13, Dec 11	2.5	Dec 12	-1.5	Falkirk (Sewage Works)	June 21	23.0	Aug 21	14.0	Feb 13	2.6	Nov 20	-4.3	
(Craigdarroch)	June 21	21.9	Aug 8	14.8	—	—	—	—	Grangemouth	June 21	23.0	Aug 21	14.2	Feb 13	3.3	Nov 20	-3.1	
Fortrose	May 16	23.6	Aug 7	14.1	Nov 19	0.0	Nov 20	-5.5	B.P. Refinery	June 14, 20, 21	23.0	Aug 21	—	—	—	—	—	
Inverpolly	June 21	22.3	July 8, Aug 8	13.9	Nov 20	3.6	Nov 20	-3.5	Municipal Chambers	June 14	24.0	—	—	—	—	Nov 20	-3.2	
Kintochewie	May 16, June 21	20.5	Aug 8	14.4	Feb 28	4.2	Mar 5, Dec 12	0.0	Parkhead	June 21	24.8	—	—	—	—	Nov 20	-3.9	
Poolwee	May 16	18.5	Aug 8	12.9	Dec 11	2.0	Dec 11	-2.1	Stirling	—	—	—	—	—	—	—	—	
Rubh Re	Sept 1	23.1	July 19	13.5	Dec 11	0.5	Feb 14	-7.2	(Batterfats)	June 21	24.9	July 22, Aug 31	13.5	Feb 13	1.9	Feb 14	-4.9	
Strathconon	June 21	20.6	Aug 8	13.1	Feb 13	2.5	Feb 14	-3.0	Abbotsinch	—	—	—	—	—	—	—	—	
Tarbatness	June 21	21.0	July 8, Aug 8	13.4	Dec 11	0.4	Feb 13	-2.8	Airport	June 21	25.8	Aug 15	15.2	Nov 20	0.4	Mar 6	-4.1	
Benbecula	June 21	27.2	Aug 8	13.6	Nov 19	0.9	—	-9.5	Barrahead	June 21	25.5	Aug 31	14.1	Nov 20	1.5	Nov 20	-4.0	
Corrach	June 21	24.0	Aug 8	11.7	Dec 11	-0.7	Feb 14	-8.6	Greenock	June 21	24.6	Aug 31	13.7	—	—	Nov 20	-2.9	
Dalwhinnie	June 21	24.6	Aug 7	12.6	Dec 11	14.3	Feb 13	-2.4	Paisley	June 21	26.0	Aug 31	14.1	Feb 28	2.8	Nov 20	-2.3	
Glenmore Lodge	June 21	21.5	Aug 7, 29	14.3	Feb 13	3.5	Nov 20	-2.6	Camps Reservoir	June 21	23.5	Sept 13	13.0	Nov 19	1.0	Nov 20	-7.0	
Inverness	May 16, June 13	23.6	Aug 8	14.1	Dec 10	0.0	Feb 14	-10.2	Carnwath	June 21	24.2	July 22, Aug 15, Sept 13	12.6	Nov 19	-0.2	Mar 3	-8.1	
Isle of Rhum	June 21	25.6	Aug 8	13.6	Dec 10	2.0	Mar 2, 3, 21, Sept 28	-2.0	Coatbridge	June 21	24.0	Aug 21, 31	13.5	Nov 19	0.5	—	—	
Lagganla	June 21	24.0	Aug 8, 31, Sept 13	13.9	Feb 28	3.1	Feb 13	-2.2	Crawfordjohn	June 21	24.0	Aug 25	15.0	Nov 19	0.0	Nov 20	-8.5	
Orich	June 21, 25	23.1	Aug 8, 8	13.9	Feb 28	3.1	Feb 13	-2.2	East Kilbride	June 21	24.0	Aug 8, 15	13.1	Nov 19	0.9	Nov 20	-4.8	
Prabost	June 21	23.1	Aug 8, 8	13.9	Feb 28	3.1	Feb 13	-2.2	Glasgow	—	—	—	—	—	—	—	—	
1 SCOTLAND E										(Springburn)	June 21	25.0	July 8, Aug 21, 31	13.2	Dec 11	2.0	Nov 20	-5.0
Nairn	Aug 7	21.6	Aug 8	13.0	Feb 13	2.3	Feb 14	-5.7	Leadhills	June 21	23.2	July 22	11.9	Nov 19	-1.0	Nov 20	-7.3	
Elgin	June 14, 21, July 21	22.5	Aug 8	14.0	Feb 13	2.7	Feb 8	-3.0	Salsburgh	June 21	22.9	Aug 15	12.5	Nov 18, Dec 11	0.0	Jan 3	-4.7	
Forres	June 13	23.0	Aug 8	14.2	Dec 11	1.5	Mar 2	-3.0	Auchincruive	June 21	26.9	Sept 13	14.1	Nov 20	3.7	Nov 20	-3.1	
Gordon Castle	July 21	22.9	Aug 8	13.5	Dec 10	2.2	Dec 11	-1.5	Cumnock	June 21	26.4	Sept 13	13.1	Nov 19	2.2	Jan 9, Nov 20	-5.8	
Grantown-on-Spey	June 21	24.6	Aug 8	13.1	Dec 11	0.0	Feb 14	-9.1	Girvan	June 23	24.5	July 22	14.6	Nov 20	4.0	Nov 20	-1.9	
Kinloss	June 21	23.6	Aug 8	14.4	Dec 10, 11	2.4	Feb 14	-4.7	Prestrick	June 21	26.7	Sept 13	14.4	Feb 28	2.6	Mar 3	-4.9	
Barff	July 21	22.0	July 22	14.3	Feb 13	3.0	Dec 12	-1.6	Dumfries	June 21	25.7	Aug 25	15.0	Nov 19	1.4	Nov 20	-5.8	
Glenlivet	—	—	—	—	Dec 11	0.4	Feb 14	-6.6	Esdaletunur	—	—	—	—	—	—	—	—	
Aberdeen	—	—	—	—	—	—	—	—	Psychrometer	June 21	23.4	Aug 15	13.6	Feb 28	-0.1	Jan 3	-6.3	
Dyce Airport	July 19	22.7	Aug 25	14.8	Dec 11	1.9	Oct 31	-4.3	Screen	June 21	24.4	Sept 13	13.9	Feb 28	0.4	Jan 3	-6.0	
Mannofield	July 19	22.8	—	—	—	—	Dec 11	-3.6	Bargrennan	June 21	25.8	Aug 31	14.3	Jan 2, Feb 28	3.0	Jan 29	-5.4	
Balmoral	June 14	22.1	Aug 21	12.9	—	-0.8	Feb 14	-8.5	Clatteringshaw	June 21	24.3	July 22, Aug 8	12.9	Feb 28	1.6	Mar 6	-4.7	
Braemar	June 12, 14	23.3	July 22, Aug 24	12.1	—	—	Feb 14	-9.6	Dundee	June 21	25.4	July 22	14.2	Feb 28	2.2	Mar 6	-6.9	
Craibstone	July 19	21.9	July 22	13.8	Dec 11	1.2	Jan 28	-2.8	Glenlee	June 21	26.4	July 22	14.3	Feb 28	1.6	Nov 20	-6.2	
Dunnet	—	—	—	—	Dec 11	0.6	Apr 14	(-6.5)	Glenloch	—	—	—	—	—	—	—	—	
Fyvie Castle	July 21	24.0	July 22, Aug 25	14.5	Feb 13	1.0	—	-4.5	Berrage	June 21	25.8	Aug 25	14.5	Nov 19	1.8	Mar 3, Nov 20	-4.6	
Gartly	July 21	21.8	Aug 25	15.4	Dec 11	0.9	Feb 14	-4.5	Palnure	June 21	24.8	—	—	—	—	—	—	
Banchory	July 19	23.0	Aug 25	15.4	Feb 13	1.1	Feb 8	-4.5	The Lake	June 21	25.6	—	—	—	—	—	—	
Stonehaven	July 19	23.8	—	—	Feb 13	2.5	—	-3.6	Threave	June 21	26.7	Aug 25	14.5	Nov 19	1.2	Nov 20	-5.7	
Arbroath	July 19	22.7	Aug 25	14.4	Feb 28	3.9	Dec 13	-2.1	Newton Stewart	June 21	25.2	—	—	—	—	—	—	
Dundee	May 26	24.6	Aug 25	15.2	Feb 13	2.6	Feb 14	-3.3	Penwhinn	June 21	23.5	—	—	—	—	—	—	
Monroese	July 19	23.0	Aug 25	14.5	Feb 13	2.1	Dec 13	-4.1	2 ENGLAND E & NE									
Mylnessfield	July 19	23.2	July 22, Aug 25	14.0	Feb 13, Dec 10	3.1	Feb 8	-2.5	Adkington	May 26	22.4	Aug 25	15.7	Jan 2	-1.1	Jan 1	-4.4	
Usan	July 19	23.5	Aug 25	13.3	Feb 13	-0.1	Feb 8	-6.6	Corbridge	June 20	24.1	Aug 25	15.4	Jan 2	0.6	Apr 14	-5.5	
Whitehills	July 14	23.5	Aug 25	13.3	Feb 13	1.0	Nov 20	-7.5	Haydon Bridge	June 21	24.6	Aug 25	15.4	Nov 19	2.1	Apr 14	-4.5	
Aberfoyle	—	—	—	—	Feb 13	1.6	Feb 14, Nov 20	-3.5	Kielder Castle	June 21	23.5	July 22, Aug 25	13.5	Feb 28	1.1	Mar 3	-7.0	
Adrianag	June 21, 22	26.0	July 20	13.0	Feb 28	-0.4	Feb 14	-7.2	Seahouses	Aug 20	22.0	Aug 25	15.3	Jan 2	-0.4	Jan 1	-2.9	
Ashtrill Castle	June 12	22.4	Aug 31	12.0	Dec 11	—	Dec 13	-6.9	Choppwellwood	June 21	22.0	Aug 25	15.5	Jan 2	0.0	Jan 1, 2, Dec 13	-3.0	
Blaigownie	Aug 5	22.9	Aug 31	13.5	—	—	Dec 13	-6.0	Tynemouth	May 26	22.2							



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					Kew	June 20	25.0	Aug 15	17.0
Wittering	Aug 15	24.3	July 20	18.2	Jan 1	-0.2	Jan 1	-5.2	
Wyton	Aug 15	25.5	July 8	16.6	Jan 1	0.0	Jan 1	-5.1	
Brooms Barn	Aug 15	25.2	July 8	16.5	Jan 1	0.2	Jan 1	-4.0	
East Bergholt	Aug 15	26.6	Aug 15	17.0	Jan 1	—	Jan 1, Mar 3	-4.2	
Honington	Aug 15	25.4	Aug 15	18.8	Jan 1	0.2	Jan 1	-5.5	
Lowestoft	July 22, Aug 15	25.9	Aug 15	16.7	Jan 2	3.4	Jan 1	-3.7	
Wentham	July 22	25.2	Aug 15	16.2	Jan 1	0.5	Jan 1	-2.8	
Cardington	Aug 15	25.6	July 15	16.5	Jan 1	0.9	Jan 1	-4.5	
Luton	June 16	25.5	Aug 15	15.5	Jan 1	0.9	Jan 1	-4.5	
Silsoe	July 30	24.6	Aug 8	16.1	Jan 1	0.6	Jan 1	-5.3	
Woburn	Aug 15	24.1	July 8	15.4	Jan 1	0.6	Jan 1	-5.5	
Aldenham School	July 21	25.9	July 20	16.2	Jan 1	0.1	Jan 1	-5.5	
Garston	July 21	24.5	July 8	16.5	Jan 1	0.7	Jan 1	-3.4	
Hoddesdon	June 20	25.0	July 8	17.0	Jan 1	0.9	Jan 1	-3.3	
Rothamsted	July 21	24.3	July 8	15.4	Jan 1	-0.1	Jan 1	-3.6	
St Albans	July 21	24.1	July 20	16.1	Jan 1	1.5	Jan 1	-3.6	
Stanstead	June 15	28.0	July 8	17.5	—	—	Mar 3	-3.5	
Abbotts	June 15	28.0	July 8	17.5	—	—	Mar 3	-3.5	
Clacton-on-Sea	July 29	24.4	Aug 16	17.0	Feb 27	3.4	Mar 3	-0.9	
Earls Colne	June 15	24.8	July 8	16.6	Jan 1	-0.2	Jan 1	-3.8	
Harlow	June 15	25.1	July 8	17.0	Jan 1	0.4	Jan 1	-4.2	
Little Parndon	June 15	24.7	July 8	17.2	Jan 1	0.5	Jan 1	-3.5	
Malden	July 8	25.6	Aug 1	16.7	Jan 1	1.3	Jan 1	-2.1	
Shoeburyness	June 14	24.2	Aug 15	17.7	Jan 1, 2	2.4	Jan 1, 10	-1.7	
Southend	June 14	24.1	—	—	—	—	—	—	
Stansted	July 8	24.7	July 8	16.3	Jan 1	-0.1	Jan 1	-4.8	
Writtle	June 15	25.0	Aug 15	16.8	Jan 1	0.7	Mar 3	-6.3	
4 MIDLAND COUNTIES					Hadlow College	June 14	24.1	Aug 15	17.7
Bradford	June 20	23.9	Aug 25	15.1	Jan 2	0.7	Jan 1	-6.2	
Bramham	Aug 6	25.4	July 22	15.0	Jan 2	0.3	Jan 1	-3.8	
Huddersfield	June 21	23.8	Sept 13	14.0	Jan 2	-1.2	Jan 2	-5.7	
Oakes	June 20	24.0	Aug 25	15.3	Jan 2	1.3	Jan 1	-6.0	
Ilkley	June 20, 21	24.0	July 20	14.5	—	—	Jan 2, Nov 20	-4.5	
Pontefract	Aug 5	23.5	July 22	15.2	Jan 1, 2	0.6	Jan 1	-4.4	
Wildan	June 21	23.4	Aug 25	13.2	Jan 2	-0.6	Jan 2	-5.1	
Finningley	Aug 15	24.9	July 20	16.1	Jan 1	-0.4	Jan 2	-5.5	
Sheffield	June 20	24.7	July 20, Aug 15	15.4	Jan 2	0.9	Jan 1	-3.0	
Ashover	June 14, 21	23.4	Aug 15	15.1	Jan 2	0.0	Jan 1	-3.6	
Buxton	June 14	21.6	Aug 25	13.6	Jan 2	0.8	Jan 1	-4.9	
Derby	July 21	24.8	July 8, Aug 15	15.7	Jan 2	1.5	Jan 2	-4.3	
Mackworth	July 7, 21	24.0	—	—	—	—	Mar 6	-4.3	
Morley	July 21	23.5	—	—	—	—	Mar 6	-3.4	
Wingerworth	June 20	23.4	July 22, Aug 25	14.5	Jan 1	-0.3	Jan 1	-5.7	
Marfield	June 14, July 21	23.6	July 20, Aug 15	15.5	—	—	—	—	
Newthorpe	July 21	23.9	Aug 15	15.5	Jan 1	0.8	Jan 1	-4.6	
Nottingham	Aug 1	24.5	—	—	Jan 1	0.6	Jan 1	-4.6	
Sutton Bonington	July 21	23.8	July 20	15.7	Jan 1	-0.3	Jan 1	-5.7	
Warsop	June 20, July 21	24.4	Aug 15	15.5	Jan 1	0.7	Jan 2	-5.6	
Wetnall	July 21	23.8	July 20	15.7	Jan 2	-0.3	Jan 2	-4.9	
Keele	June 21	23.1	Aug 25, Sept 13	14.8	Jan 1	-0.6	Jan 2	-4.0	
Oaken	June 21	24.5	Sept 13	15.0	Jan 1	0.0	Jan 1	-6.0	
Penkridge	June 21	24.4	Aug 25	15.0	Jan 2	2.0	Jan 1	-4.5	
Stone	June 21	23.7	Sept 13	15.0	Jan 1	-0.3	Jan 1	-4.4	
Caldecott	Aug 15	24.3	July 20	16.0	Jan 1	-0.5	Jan 1	-5.2	
Newtown Linford	July 21	24.2	Aug 15	14.5	Jan 1	-1.0	Jan 2	-5.7	
Newport	June 21	24.6	Sept 13	15.5	Jan 1	1.0	Jan 1	-3.8	
Oswestry	June 21	24.1	July 20	15.0	Jan 2	1.3	Jan 1	-4.0	
Shawbury	June 21	25.6	Sept 13	15.7	Jan 1	1.0	Jan 1	-6.5	
Shrewsbury	June 21	24.9	Aug 15	16.0	Jan 1	1.3	Jan 1	-5.5	
Birmingham	—	—	—	—	—	—	—	—	
Edgbaston	June 21	23.9	July 20	15.8	Jan 1	-1.0	Jan 2	-3.5	
Elmdon	June 21	24.4	July 20	16.2	Jan 1	-0.8	Jan 1	-5.6	
Airport	June 21	24.0	—	—	Mar 9	2.5	Jan 2	-4.5	
King Edward School	June 21	24.0	—	—	Mar 9	2.5	Jan 2	-4.5	
Luddington	July 21	24.5	July 20, Aug 15	15.5	Jan 1	0.2	Jan 1	-4.8	
Moreton	—	—	—	—	—	—	—	—	
Morrell	July 21	24.7	July 20	15.6	Jan 1	0.3	Jan 1	-5.6	
Rugby	Aug 15	24.3	July 8	15.7	Jan 1	-0.4	Jan 1	-5.8	
Slipston-on-Snow	July 21	23.6	July 20	15.6	Jan 1	0.0	Jan 1	-4.0	
Stratford-on-Avon	Aug 6	27.0	—	—	Jan 1	0.5	May 8	-5.5	
Wellesbourne	June 21	24.7	July 20, Sept 13	16.0	Jan 2	2.0	Jan 1, 2	-5.6	
Bugbrooke Mills	June 15	24.4	—	—	Jan 2	—	Jan 2	-6.0	
Rounds	Aug 15	25.1	July 8	16.5	Jan 1	0.3	Jan 1	-5.1	
Ipsley (Sage Wks)	July 21	24.3	—	—	Jan 2	—	Jan 2	-7.1	
Lynshall	June 21	24.0	July 31	14.5	Jan 1	-0.8	Jan 2	-5.0	
Malvern	June 15	25.7	July 31	16.2	Jan 1	-0.4	Jan 1	-5.4	
Pershore	—	—	—	—	—	—	—	—	
College of Hort	June 21	25.0	Aug 15	15.8	Jan 1	1.7	Jan 1	-5.7	
Royal Radar Est	June 21	25.3	Aug 14	16.1	Jan 2	1.5	Jan 1	-6.4	
Preston Wynne	June 15, Aug 16	25.1	July 31, Aug 15	15.2	Jan 2	1.5	Jan 1	-5.3	
Ross-on-Wye	June 21	25.4	July 20	16.2	Jan 1	1.5	Jan 1	-5.1	
Cheltenham	June 21, July 21	25.0	Aug 15	16.1	—	—	Jan 1	-3.5	
Gloucester	June 21	25.8	Aug 15	17.1	Jan 2	2.5	Jan 1	-5.7	
Hempstead	June 21	25.4	Aug 15	16.1	—	—	Jan 1	-7.0	
Little	—	—	—	—	—	—	—	—	
Rissington	June 21	23.5	July 20	15.1	Jan 1	-0.9	Jan 2	-3.7	
Abingdon	June 16	25.3	Aug 14	15.9	—	—	Jan 1	-4.8	
Buze Norton	June 16	25.0	July 20	16.0	Jan 1	0.4	Mar 6	-4.5	
Latcombe Regis	June 16	25.5	Sept 13	15.0	Jan 1	0.6	Jan 1	-5.0	
Oxford	June 16	25.0	July 20	16.1	Jan 1	1.1	Jan 1	-5.1	
Shirburn	—	—	—	—	—	—	—	—	
Model Farm	June 16	25.4	July 20	15.5	Jan 1	0.6	Jan 1	-3.4	
Wallingford	June 16	24.8	Aug 15	15.6	Jan 1	1.3	Jan 1	-5.1	
Aylesbury	June 16	24.4	July 8	15.6	Jan 1	0.7	Feb 24	-7.5	
Grendon	—	—	—	—	—	—	—	—	
Underwood	Aug 15	24.2	July 31, Aug 15	15.0	Jan 1	0.4	Jan 1	-7.2	
Madmenham	June 16	24.7	July 20	16.5	Jan 1	1.3	Jan 1	-5.0	
5 ENGLAND SE & CENTRAL S					Point of Ayre	Aug 23	22.4	Aug 25	15.3
Bromley	June 15, 20, July 21, Aug 22, 23, 25	25.0	July 8, Aug 15	17.0	Jan 1	2.0	Jan 1, Mar 3	-2.0	
Enfield	June 15, July 21	25.6	July 8, Aug 16	17.6	Jan 1	1.6	Jan 1	-3.5	
Greenwich	June 20	25.4	July 8	17.4	—	—	Jan 1	-2.2	
Hampstead	June 20	25.4	—	—	Jan 1	0.4	Mar 3	-1.7	
Hampton	June 15	24.9	Aug 15	17.0	Jan 1	1.2	Jan 1	-3.5	
Heathrow	—	—	—	—	—	—	—	—	
Airport	July 21	25.6	Aug 15	17.0	Jan 1	1.5	Mar 3	-1.9	
Kensington	—	—	—	—	—	—	—	—	
Palace	June 20	25.8	Aug 15, 16	17.1	Jan 1	1.6	Mar 3	-1.7	
7B WALES N					Colwyn Bay	June 21	25.4	Aug 15	16.4
Bale	June 21	24.4	Aug 25	14.8	Jan 2	1.7	Jan 1	-6.4	
Bardsey Island	June 21	24.6	Aug 25, 30	14.9	Feb 4	4.8	Mar 2	1.2	
Botwnnog	June 21	25.8	Aug 15	16.6	Nov 20	4.6	Mar 5	-1.0	
Pen-y-Ffrrdd	June 21	27.2	Aug 15	15.2	Mar 10	3.8	Mar 6	-0.9	
Trawsfynydd	June 21	25.0	Aug 15, 25	14.5	Mar 10	3.1	Jan 1	(-5.0)	
Valley	June 21	27.4	Aug 15	15.5	Feb 28	5.1	Nov 20	-0.4	
Ahwen	June 21	23.0	Aug 15	13.7	Feb 28	1.0	Jan 1	-6.2	
Bwlchgwyn	—	—	—	—	—	—	Jan 3	-	



Table 10 (continued)

District and place	highest maximum and date	highest minimum and date	lowest maximum and date	lowest minimum and date
<b>78 WALES N - continued</b>				
Corwen	June 21	25.4 July 20	14.2 Jan 2, Nov 21	2.2 Jan 1
Howarden Bridge	—	—	—	1.7 Jan 1
Loggan/beads	June 21	23.6 Aug 25	16.4 Feb 28	2.2 Nov 20
Prestrym	June 21	26.4 Aug 25	16.5 —	—
Rhyd	June 21	25.8 July 22	16.0 —	—
Rathin	—	Sept 12	16.1 Jan 2	3.5 Feb 5
Cairwae	June 21	26.5 July 8, 20, 31	14.0 Jan 2	3.0 Jan 1, Mar 3, 6
Lake Vyrnwy	June 21	22.4 July 20	13.5 Jan 2	0.1 Jan 1
Moel Cynwadd	June 21	23.1 Aug 15	13.4 Jan 2, Nov 21	0.5 Jan 1
<b>8A WALES S</b>				
Aberporth	June 21	26.2 Aug 15	15.0 Jan 2	2.5 Mar 5
Brynmanan	June 15, 21	24.5 Aug 14	15.5 Jan 2	1.6 Mar 5
Carmarthen	—	—	—	4.5 Mar 5
Comystwyth	June 21	22.5 July 31, Aug 15	13.3 Jan 2	1.3 Mar 6
Dale Fort	June 21	23.3 Aug 25	15.6 Mar 10	3.9 Mar 21
Egrynwen-Uchaf	June 21	22.8 —	—	—
Gogerddan	June 21	26.0 Aug 15	15.4 Feb 28	4.6 Jan 1
Llany-Evan-Hen	June 21	22.9 Aug 15	13.6 Jan 2	2.5 Mar 5
Malldd Haven	—	—	—	—
(Conservancy Board)	June 21	22.9 Aug 15	15.5 Mar 10	3.9 Mar 5
Orielton	June 21	23.4 July 31	15.1 Mar 9	4.7 Mar 5
Travincod	June 21, 22	26.0 Aug 15	15.1 Jan 2	3.9 Jan 1, Mar 5
Canerth Mill	—	—	—	0.0 Mar 3
Mumbles Head	June 12	23.9 July 31, Aug 14	16.0 —	—
Neeth	June 21	26.3 Aug 15	15.9 Jan 2	4.2 Mar 5
Penmaen	June 21	24.0 Aug 15	15.6 Jan 2	4.0 Mar 5
Port Talbot	June 21	26.3 June 21	16.8 Jan 2	4.2 Mar 5
Swansea	June 21	26.5 —	—	—
Llwynon	June 21	23.5 Aug 15	14.4 Jan 1	1.7 Jan 1, Mar 6
Portcawl	June 21	25.5 —	—	—
Cardiff	June 21	25.3 —	—	—
Rhosea	June 21	26.7 Aug 14	16.1 Jan 2	2.7 Mar 5
Crumbland	June 21	23.3 Aug 15	14.2 Jan 2	0.6 Jan 1
Newport	June 21	25.7 July 6	16.4 Jan 2	3.5 Jan 1
Tradrager	—	—	—	—
Uak	June 15, 21	25.0 —	—	2.0 Jan 1, Feb 28, Mar 3, 6
<b>8B ENGLAND SW</b>				
Bath	June 21	24.8 Aug 15	15.5 Jan 2	2.0 Jan 1
Filton	June 21	25.8 Aug 14	16.0 Jan 2	1.9 Jan 1
Long Ashton	June 21	25.9 Aug 15	15.7 Jan 2	2.7 Jan 1
Cannington	June 21	26.0 July 31	16.0 —	—
Downside Abbey	June 16	26.5 July 20	14.9 Jan 2	1.9 Mar 6
Exton	June 21	23.7 Aug 14	14.9 Jan 2	0.7 Mar 6
Hawkridge	June 22	22.5 Aug 25	13.6 Mar 10	1.0 Mar 6
Hettlecombe	June 21	25.0 July 31	15.6 Mar 10	3.0 Mar 6
Rodney Stoke	June 21	25.5 July 31	15.4 Jan 2	3.2 Feb 25
Wincanton	June 15, 21	25.0 July 20	15.5 Jan 1, 2	3.0 Jan 2
Yeovilton	June 15	25.8 Aug 14	16.3 Jan 2	2.2 Mar 5
Bournemouth	June 14	25.4 July 20, Aug 14, 15	16.5 Jan 2	2.8 Jan 1
Hurn Airport	June 14	25.1 Aug 15	16.4 Jan 1	4.2 Mar 6
Meyrick Park	June 15	25.5 July 20	16.7 Feb 27	4.2 Mar 7
Christchurch	June 14	25.2 July 20, Aug 15	16.4 Jan 1	3.9 Feb 25
Poole	—	—	—	—
Portland Bill	—	—	—	—
(Coastguard)	June 14	24.2 Aug 14	15.7 —	—
Swanage	June 20	24.0 Aug 15	16.4 Feb 27	4.4 Mar 5
Weymouth	June 14	24.3 Aug 25	16.0 Jan 2	4.5 Mar 5
Wimfrith	June 14	24.5 Aug 15	16.1 Feb 27	4.5 Jan 1
Cheldon Barton	June 21	23.4 Aug 14	16.1 Mar 10	2.9 Mar 5
Exeter Airport	June 15	24.9 Aug 14	16.4 Mar 10	4.6 Mar 6
Exmouth	June 12	23.7 —	—	—
Hactland Point	June 21	23.5 Aug 14	16.0 Mar 10	3.6 Jan 1
Newton Abbot	July 21	24.0 —	—	—
Plymouth	—	—	—	—
Mount Batten	June 14, 15	23.1 Aug 25	16.1 Feb 27	5.5 Mar 5
The Hoe	June 15	23.5 Aug 25	16.2 Feb 27	5.1 Mar 5
Stapton	June 14, 15	23.8 Aug 15, 25	16.2 Mar 9	4.6 Mar 2
Starcross	July 30	23.4 July 20	16.2 Feb 27, Mar 9	5.2 Mar 6
Tavistock	June 15	25.2 —	—	4.8 Mar 5
Teignmouth	June 14, July 21	23.8 —	—	5.3 Mar 6
Torbay	—	—	—	—
(Torquay)	July 21	24.2 Aug 15, 25	16.5 Mar 9	5.5 Mar 2
Eastree	June 15	22.7 Aug 25	14.6 Mar 10	3.5 Mar 5
Bude	Jan 21	24.5 Aug 15	16.0 Mar 10	4.6 Mar 5
Culdrose	June 15	21.9 Aug 25	15.7 Mar 10	5.2 Mar 5
Elbridge	June 12	24.1 Aug 25	15.6 Feb 27	5.3 Mar 5
<b>CHANNEL ISLES</b>				
Falmouth	—	—	—	—
Poway	June 21	22.4 Aug 25	15.9 Mar 10	5.8 Mar 5
Gwynnapp Head	June 15	20.2 Aug 25	16.8 Mar 10	5.4 Mar 5
Lizard	June 12	21.7 Aug 25	16.1 Mar 9	5.5 Mar 5
Hawsey	—	—	—	6.1 Mar 5
Penancey	June 21	21.7 Aug 25	16.6 Mar 10	5.9 Mar 5
Rosswarne	June 21, Aug 6	21.5 Aug 25	16.1 Mar 9	6.0 Jan 1
St Austell	June 15	22.2 Aug 25	16.1 Mar 9	5.8 Mar 5
St Mawgan	June 21	23.6 Aug 14	15.9 Mar 9	5.5 Mar 5
Scilly	—	—	—	4.8 Mar 5
(St Marys)	Aug 20	21.5 Aug 25	16.0 Mar 10	—
<b>NORTHERN IRELAND</b>				
Aghalisco	June 23	24.5 Aug 6	14.0 —	—
Banagher	—	—	—	—
(Cough Hill)	June 21, 22	22.5 July 8	13.5 Feb 5	2.6 Nov 20
Coleraine	—	—	—	—
University	June 21	24.7 July 8	14.8 Feb 5	4.2 Nov 20
Coolkeeragh	June 22	25.4 —	—	—
Derryvally Forest	June 21	24.0 July 8	14.3 Feb 5	3.1 Nov 20
Garragh Forest	June 21	24.3 July 8	14.3 Feb 28	3.6 Nov 20
Longhorne Forest	June 21	23.7 July 8	14.0 Feb 5	3.2 Mar 5
Monkswell	June 21	24.6 July 8	14.7 Feb 5	2.9 Nov 20
Somersford Forest	June 21	24.6 July 21	13.7 Feb 5	4.1 Nov 20
Tread Point	June 21	26.2 Aug 6	14.4 Feb 5	4.0 Sept 28
Aldergrove	—	—	—	—
Airport	June 21	23.9 July 8	14.4 Dec 11	3.3 Mar 2
Altnahinch	June 21	22.5 July 8	13.0 Feb 5, 28, Dec 10	2.5 Jan 10
Ballylumford	June 30	21.6 —	—	4.5 Jan 27, Mar 21
Bellypatrick Forest	—	—	—	4.1 Nov 20
Greenmount	June 21	23.8 July 8	13.3 Feb 5	4.2 Mar 3
Kilroot	July 21	21.6 —	—	4.5 Mar 6
Larne	June 21	22.8 July 8	14.6 Dec 9	4.3 Mar 6
Lisnafallen	June 21	23.0 July 8	14.8 Feb 5	4.0 Mar 6
Lovetown	June 21	20.8 July 8, Aug 31	12.8 Feb 5, Dec 9	2.0 Feb 14
Malak	—	—	—	—
(Hyde Park)	June 21	21.5 —	—	—
Parkmore	—	—	—	—
Forest	June 21	20.5 July 8	13.4 Feb 13	2.1 Feb 14
Woodburn	—	—	—	—
North	June 21	20.5 Aug 24	13.6 Mar 1	2.0 Mar 6
Milltown	June 21	24.3 July 22	14.8 Feb 5	4.4 Mar 2
Newtownabbey	July 21	21.6 July 22	14.8 Mar 9	4.6 Mar 2
Rosebank	June 21	23.3 —	—	4.4 Feb 6
Rosetta	June 21	23.4 Aug 31	14.0 Feb 28	4.5 Feb 14
Stormont Castle	June 21	22.8 Aug 31	13.8 Mar 1	4.5 Mar 2
Comber Cemetery	June 23	22.5 July 22	14.5 —	—
Creighton	—	—	—	—
Green	June 21	23.0 —	—	3.0 Mar 2
Downpatrick	June 21	23.2 —	—	6.0 Nov 20
Helena Bay	June 21	21.7 July 22	14.4 Mar 1	4.3 Mar 2
Hillborough	June 21	23.0 Aug 31	13.6 Feb 6	3.8 Mar 2
Kilkeel	June 21	22.4 —	—	—
Marlough	June 21	23.2 —	—	—
Armagh	June 21	24.6 July 8	14.1 Feb 5	3.2 Mar 5
Loughgall	June 21	24.3 July 8	14.6 Feb 5	4.1 Mar 5
Lurgan	June 21	24.0 July 8	14.4 Feb 5	3.7 Mar 2
Portadown	June 21	26.0 July 8	14.7 Feb 5	4.0 Nov 21
Tandragee	June 21	26.8 —	—	3.8 Mar 5
Carrigan	June 21	24.8 June 22	14.0 Feb 5	3.1 Mar 14
Cookstown	June 21	26.7 —	—	—
Lough Braden	June 21	23.9 July 8	13.2 Feb 5	2.0 Mar 5, 14
Pomeroy Forest	June 21	22.5 July 8, Aug 31	13.2 Feb 5	2.3 Feb 14, Mar 2
Strabane Convent	June 21	26.6 June 22	14.9 Feb 5	3.9 Nov 21
Castle Archdale	—	—	—	—
Forest	June 21	23.2 July 8	14.0 Feb 5	3.5 Nov 19
Cargery	June 21	24.0 June 22	13.2 Feb 5	4.0 Mar 5
Knockarevan	June 21	26.7 July 8	14.2 Feb 18	4.2 Mar 4
Lisnabes	June 23, 24	24.0 June 22	14.3 Feb 5	3.5 Mar 4
Lough Navar	—	—	—	—
Forest	June 21	23.9 July 8	13.4 Mar 9, Dec 9	3.8 Mar 5, 14
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
Rothsay	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

	July					August					September					October					November					December				
Station	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
Rothsay	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	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	8	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



[illegible]



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 4 Additions and Corrections

Year	Station and Month		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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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1943	Valley	1300hr	1021.9																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												



Table 6 Additions and corrections

Year	Station	height of vane (metres)		distribution of hourly mean values of wind										mean hourly wind speed (kt)	highest velocities					
		above MSL	above ground	effective height	34 kt or more (gale force)		22-33kt		11-21kt	4-10kt	less than 4 kt	no record	highest hourly wind			highest gust				
					no. of days	duration (hours)	no. of days	duration in hours				veer from N	speed (kt)		hour beginning day	hour	veer from N	speed (kt)	day and time	
1973	Moor House Orlock Head				16	63	106	749	1905	1881	3894	268	8.2	270	44	24 Nov	12	250	68	12 Nov 1948
					23	71	149	1278	4397	2375	491	148	14.0	240	45	15 Jan	12	240	73	15 Jan 1224

Table 7 Additions and corrections

Year	Station	number of hours with gusts exceeding 33 knots												number of hours with gusts 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
1973	Moor House								24		151	211	886									0		42	38	114

Table 8 Additions and corrections

Year	Station	Dates
1973	Cairngorm Moor House	Delete Jun 20 replace by Jun 30 Add Oct 20; Nov 12 13 18 19 24; Dec 5 6 10 12-14 27 29

Table 9 Additions and corrections

Year	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	
1973	Machrihanish Moor House	14 Dec 24 Nov 10 Dec	12 03	270 220	44 42	1242 0400	320 270 240	65 59	2 3 6 8 10-14 2-7 14-16











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